

ANALYTICAL REPORT

Job Number: 460-118325-3

Job Description: McCandless

For:

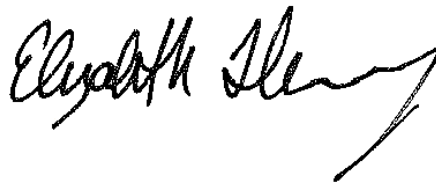
Antea USA, Inc.

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Suite 150

Valhalla, NY 10595

Attention: Timothy Fisher



Approved for release.
Elizabeth J Flannery
Project Management Assistant I
9/16/2016 4:12 PM

Designee for
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09/16/2016

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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Table of Contents

| | |
|---------------------------------|-----|
| Cover Title Page | 1 |
| Data Summaries | 4 |
| Report Narrative | 4 |
| Sample Summary | 5 |
| Detection Summary | 6 |
| Method Summary | 7 |
| Client Sample Results | 8 |
| Surrogate Summary | 9 |
| QC Sample Results | 10 |
| Definitions | 12 |
| QC Association | 13 |
| Chronicle | 14 |
| Certification Summary | 15 |
| Organic Sample Data | 16 |
| GC Semi VOA | 16 |
| 8082A | 16 |
| 8082A QC Summary | 17 |
| 8082A Sample Data | 31 |
| Standards Data | 37 |
| 8082A ICAL Data | 37 |
| 8082A CCAL Data | 151 |
| Raw QC Data | 185 |
| 8082A Blank Data | 185 |
| 8082A LCS/LCSD Data | 193 |
| 8082A MS/MSD Data | 204 |
| 8082A Run Logs | 208 |

Table of Contents

| | |
|---|------------|
| 8082A Prep Data | 211 |
| Inorganic Sample Data | 212 |
| General Chemistry Data | 212 |
| Gen Chem Cover Page | 213 |
| Gen Chem MDL | 214 |
| Gen Chem Analysis Run Log | 216 |
| Gen Chem Prep Data | 217 |
| Shipping and Receiving Documents | 218 |
| Client Chain of Custody | 219 |
| Sample Receipt Checklist | 224 |

CASE NARRATIVE

Client: Antea USA, Inc.

Project: McCandless

Report Number: 460-118325-3

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 8/8/2016 7:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.1° C.

Receipt Exceptions

The following samples were activated for PCB analysis by the client on 8/22/2016: 460-118325-11, 460-118325-14 and 460-118325-16. Samples were activated with less than 8 hours left before hold time expired. Samples were prepped out of hold.

The following sample: 460-118325 - 17 was activated outside of holding time on 9/14/2016.

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.

POLYCHLORINATED BIPHENYLS

Sample PRA-P25E1-10.75 (460-118325-17) was analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 08/22/2016 and analyzed on 08/23/2016.

Aroclor 1260 failed the recovery criteria low for the MS of sample 460-118325-11 in batch 460-386235. Aroclor 1016 failed the recovery criteria high.

Aroclor 1016 failed the recovery criteria high for the MSD of sample 460-118325-11 in batch 460-386235.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Sample PRA-P25E1-10.75 (460-118325-17) was analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 09/14/2016.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|----------------------|-------------------------|---------------|------------------|-----------------|
| 460-118325-17 | PRA-P25E1-10.75 | Solid | 08/08/16 09:50 | 08/08/16 19:10 |

Detection Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Client Sample ID: PRA-P25E1-10.75

Lab Sample ID: 460-118325-17

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Edison

Method Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

| Method | Method Description | Protocol | Laboratory |
|---------------|--|-----------------|-------------------|
| 8082A | Polychlorinated Biphenyls (PCBs) by Gas Chromatography | SW846 | TAL EDI |
| Moisture | Percent Moisture | EPA | TAL EDI |

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample Results

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Client Sample ID: PRA-P25E1-10.75

Lab Sample ID: 460-118325-17

Date Collected: 08/08/16 09:50

Matrix: Solid

Date Received: 08/08/16 19:10

Percent Solids: 87.6

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| Aroclor 1016 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1221 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1232 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1242 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1248 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1254 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1260 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1262 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| Aroclor 1268 | 10 | U | 76 | 10 | ug/Kg | ☼ | 08/22/16 22:43 | 08/23/16 13:38 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| DCB Decachlorobiphenyl | 100 | | 47 - 150 | 08/22/16 22:43 | 08/23/16 13:38 | 1 |
| DCB Decachlorobiphenyl | 109 | | 47 - 150 | 08/22/16 22:43 | 08/23/16 13:38 | 1 |

Surrogate Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

| Lab Sample ID | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) | |
|-----------------------|------------------------|--|------------------|
| | | DCB1 (47-150) | DCB2 (47-150) |
| 460-118325-17 | PRA-P25E1-10.75 | 100 | 109 |
| 460-118325-A-11-A MS | Matrix Spike | 90 | 100 |
| 460-118325-A-11-B MSD | Matrix Spike Duplicate | 100 | 103 |
| LCS 460-386170/2-A | Lab Control Sample | 105 | 116 |
| MB 460-386170/1-A | Method Blank | 102 | 116 |

Surrogate Legend

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-386170/1-A
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 386170

| Analyte | MB MB | | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|--------------|--------|-----------|----|-----|-------|---|----------------|----------------|---------|
| | Result | Qualifier | | | | | | | |
| Aroclor 1016 | 8.9 | U | 67 | 8.9 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1221 | 8.9 | U | 67 | 8.9 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1232 | 8.9 | U | 67 | 8.9 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1242 | 8.9 | U | 67 | 8.9 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1248 | 8.9 | U | 67 | 8.9 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1254 | 9.2 | U | 67 | 9.2 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1260 | 9.2 | U | 67 | 9.2 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1262 | 9.2 | U | 67 | 9.2 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| Aroclor 1268 | 9.2 | U | 67 | 9.2 | ug/Kg | | 08/22/16 22:43 | 08/23/16 07:35 | 1 |

| Surrogate | MB MB | | Limits | Prepared | Analyzed | Dil Fac |
|------------------------|-----------|-----------|----------|----------------|----------------|---------|
| | %Recovery | Qualifier | | | | |
| DCB Decachlorobiphenyl | 102 | | 47 - 150 | 08/22/16 22:43 | 08/23/16 07:35 | 1 |
| DCB Decachlorobiphenyl | 116 | | 47 - 150 | 08/22/16 22:43 | 08/23/16 07:35 | 1 |

Lab Sample ID: LCS 460-386170/2-A
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 386170
%Rec.

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | Limits |
|--------------|-------------|------------|---------------|-------|---|------|----------|
| | | | | | | | |
| Aroclor 1016 | 333 | 466 | | ug/Kg | | 140 | 70 - 149 |
| Aroclor 1260 | 333 | 424 | | ug/Kg | | 127 | 71 - 150 |
| Aroclor 1260 | 333 | 461 | | ug/Kg | | 138 | 71 - 150 |

| Surrogate | LCS LCS | | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl | 105 | | 47 - 150 |
| DCB Decachlorobiphenyl | 116 | | 47 - 150 |

Lab Sample ID: 460-118325-A-11-A MS
Matrix: Solid
Analysis Batch: 386235

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 386170
%Rec.

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|----------|
| | | | | | | | | | |
| Aroclor 1016 | 49 | U F1 | 370 | 1510 | F1 | ug/Kg | ☼ | 409 | 70 - 149 |
| Aroclor 1260 | 680 | F1 | 370 | 920 | F1 | ug/Kg | ☼ | 66 | 71 - 150 |
| Aroclor 1260 | 710 | F1 | 370 | 950 | F1 | ug/Kg | ☼ | 66 | 71 - 150 |

| Surrogate | MS MS | | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl | 90 | | 47 - 150 |
| DCB Decachlorobiphenyl | 100 | | 47 - 150 |

QC Sample Results

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 460-118325-A-11-B MSD

Matrix: Solid

Analysis Batch: 386235

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 386170

| Analyte | Sample | Sample | Spike | MSD | MSD | Unit | D | %Rec | Limits | RPD | Limit |
|--------------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| | Result | Qualifier | Added | Result | Qualifier | | | | | | |
| Aroclor 1016 | 49 | U F1 | 370 | 2100 | F1 | ug/Kg | ☼ | 568 | 70 - 149 | 20 | 30 |
| Aroclor 1016 | 49 | U F1 | 370 | 1830 | F1 | ug/Kg | ☼ | 495 | 70 - 149 | 19 | 30 |
| Aroclor 1260 | 680 | F1 | 370 | 1110 | | ug/Kg | ☼ | 117 | 71 - 150 | 19 | 30 |
| Aroclor 1260 | 710 | F1 | 370 | 1110 | | ug/Kg | ☼ | 110 | 71 - 150 | 16 | 30 |

| Surrogate | MSD | MSD | Limits |
|------------------------|-----------|-----------|----------|
| | %Recovery | Qualifier | |
| DCB Decachlorobiphenyl | 100 | | 47 - 150 |
| DCB Decachlorobiphenyl | 103 | | 47 - 150 |

Definitions/Glossary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Qualifiers

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| U | Indicates the analyte was analyzed for but not detected. |
| F1 | MS and/or MSD Recovery is outside acceptance limits. |

Glossary

| Abbreviation | These commonly used abbreviations may or may not be present in this report. |
|----------------|---|
| α | Listed under the "D" column to designate that the result is reported on a dry weight basis |
| %R | Percent Recovery |
| CFL | Contains Free Liquid |
| CNF | Contains no Free Liquid |
| DER | Duplicate error ratio (normalized absolute difference) |
| Dil Fac | Dilution Factor |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC | Decision level concentration |
| MDA | Minimum detectable activity |
| EDL | Estimated Detection Limit |
| MDC | Minimum detectable concentration |
| MDL | Method Detection Limit |
| ML | Minimum Level (Dioxin) |
| NC | Not Calculated |
| ND | Not detected at the reporting limit (or MDL or EDL if shown) |
| PQL | Practical Quantitation Limit |
| QC | Quality Control |
| RER | Relative error ratio |
| RL | Reporting Limit or Requested Limit (Radiochemistry) |
| RPD | Relative Percent Difference, a measure of the relative difference between two points |
| TEF | Toxicity Equivalent Factor (Dioxin) |
| TEQ | Toxicity Equivalent Quotient (Dioxin) |

QC Association Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

GC Semi VOA

Prep Batch: 386170

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 460-118325-17 | PRA-P25E1-10.75 | Total/NA | Solid | 3546 | |
| MB 460-386170/1-A | Method Blank | Total/NA | Solid | 3546 | |
| LCS 460-386170/2-A | Lab Control Sample | Total/NA | Solid | 3546 | |
| 460-118325-A-11-A MS | Matrix Spike | Total/NA | Solid | 3546 | |
| 460-118325-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 3546 | |

Analysis Batch: 386235

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|-----------------------|------------------------|-----------|--------|--------|------------|
| 460-118325-17 | PRA-P25E1-10.75 | Total/NA | Solid | 8082A | 386170 |
| MB 460-386170/1-A | Method Blank | Total/NA | Solid | 8082A | 386170 |
| LCS 460-386170/2-A | Lab Control Sample | Total/NA | Solid | 8082A | 386170 |
| 460-118325-A-11-A MS | Matrix Spike | Total/NA | Solid | 8082A | 386170 |
| 460-118325-A-11-B MSD | Matrix Spike Duplicate | Total/NA | Solid | 8082A | 386170 |

General Chemistry

Analysis Batch: 390559

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|----------|------------|
| 460-118325-17 | PRA-P25E1-10.75 | Total/NA | Solid | Moisture | |
| 460-118325-17 DU | PRA-P25E1-10.75 | Total/NA | Solid | Moisture | |

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Client Sample ID: PRA-P25E1-10.75

Lab Sample ID: 460-118325-17

Date Collected: 08/08/16 09:50

Matrix: Solid

Date Received: 08/08/16 19:10

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Analysis | Moisture | | 1 | 390559 | 09/14/16 23:08 | KER | TAL EDI |

Client Sample ID: PRA-P25E1-10.75

Lab Sample ID: 460-118325-17

Date Collected: 08/08/16 09:50

Matrix: Solid

Date Received: 08/08/16 19:10

Percent Solids: 87.6

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Prepared or Analyzed | Analyst | Lab |
|-----------|------------|--------------|-----|-----------------|--------------|----------------------|---------|---------|
| Total/NA | Prep | 3546 | | | 386170 | 08/22/16 22:43 | ARA | TAL EDI |
| Total/NA | Analysis | 8082A | | 1 | 386235 | 08/23/16 13:38 | JHP | TAL EDI |

Laboratory References:

TAL EDI = TestAmerica Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Certification Summary

Client: Antea USA, Inc.
Project/Site: McCandless

TestAmerica Job ID: 460-118325-3

Laboratory: TestAmerica Edison

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

| Authority | Program | EPA Region | Certification ID | Expiration Date |
|------------|---------|------------|------------------|-----------------|
| New Jersey | NELAP | 2 | 12028 | 06-30-17 |

The following analytes are included in this report, but certification is not offered by the governing authority:

| Analysis Method | Prep Method | Matrix | Analyte |
|-----------------|-------------|--------|------------------|
| Moisture | | Solid | Percent Moisture |
| Moisture | | Solid | Percent Solids |

8082A

**Polychlorinated Biphenyls (PCBs) by
Gas Chromatography**

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-3

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 | DCBP1 # | DCBP2 # |
|------------------|-----------------------|---------|---------|
| PRA-P25E1-10.75 | 460-118325-17 | 109 | 100 |
| | MB 460-386170/1-A | 116 | 102 |
| | LCS 460-386170/2-A | 116 | 105 |
| | 460-118325-A-11-A MS | 100 | 90 |
| | 460-118325-A-11-B MSD | 103 | 100 |

DCBP = DCB Decachlorobiphenyl

QC LIMITS
47-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: T1332045.D

Lab ID: LCS 460-386170/2-A Client ID: _____

| COMPOUND | SPIKE ADDED (ug/Kg) | LCS CONCENTRATION (ug/Kg) | LCS % REC | QC LIMITS REC | # |
|--------------|---------------------------|---------------------------------|-----------------|---------------------|---|
| Aroclor 1016 | 333 | 428 | 128 | 70-149 | |
| Aroclor 1016 | 333 | 466 | 140 | 70-149 | |
| Aroclor 1260 | 333 | 424 | 127 | 71-150 | |
| Aroclor 1260 | 333 | 461 | 138 | 71-150 | |

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: T1332051.D
 Lab ID: 460-118325-A-11-A MS Client ID: _____

| COMPOUND | SPIKE ADDED (ug/Kg) | SAMPLE CONCENTRATION (ug/Kg) | MS CONCENTRATION (ug/Kg) | MS % REC | QC LIMITS REC | # |
|--------------|---------------------------|------------------------------------|--------------------------------|----------------|---------------------|----|
| Aroclor 1016 | 370 | 49 U | 1720 | 464 | 70-149 | F1 |
| Aroclor 1016 | 370 | 49 U | 1510 | 409 | 70-149 | F1 |
| Aroclor 1260 | 370 | 680 | 920 | 66 | 71-150 | F1 |
| Aroclor 1260 | 370 | 710 | 950 | 66 | 71-150 | F1 |

Column to be used to flag recovery and RPD values

FORM III
PCBS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: T1332052.D

Lab ID: 460-118325-A-11-B MSD Client ID: _____

| COMPOUND | SPIKE ADDED (ug/Kg) | MSD CONCENTRATION (ug/Kg) | MSD % REC | % RPD | QC LIMITS | | # |
|--------------|---------------------------|---------------------------------|-----------------|----------|-----------|--------|----|
| | | | | | RPD | REC | |
| Aroclor 1016 | 370 | 2100 | 568 | 20 | 30 | 70-149 | F1 |
| Aroclor 1016 | 370 | 1830 | 495 | 19 | 30 | 70-149 | F1 |
| Aroclor 1260 | 370 | 1110 | 117 | 19 | 30 | 71-150 | |
| Aroclor 1260 | 370 | 1110 | 110 | 16 | 30 | 71-150 | |

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: MB 460-386170/1-A
 Matrix: Solid Date Extracted: 08/22/2016 22:43
 Lab File ID: (1) T1332044.D Lab File ID: (2) T1332044.D
 Date Analyzed: (1) 08/23/2016 07:35 Date Analyzed: (2) 08/23/2016 07:35
 Instrument ID: (1) CPESTGC11 Instrument ID: (2) CPESTGC11
 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 460-386170/2-A | 08/23/2016 07:50 | 08/23/2016 07:50 |
| | 460-118325-A-11-A MS | 08/23/2016 09:19 | 08/23/2016 09:19 |
| | 460-118325-A-11-B MSD | 08/23/2016 09:34 | 08/23/2016 09:34 |
| PRA-P25E1-10.75 | 460-118325-17 | 08/23/2016 13:38 | 08/23/2016 13:38 |

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18
 Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N
 Calibration ID: 56313

| | DCBP | | AREA # | RT # | AREA # | RT # |
|-------------------------------|------------------|-------|--------|------|--------|------|
| | AREA # | RT # | | | | |
| INITIAL CALIBRATION SURROGATE | 171272113 | 10.54 | | | | |
| UPPER LIMIT | | 10.61 | | | | |
| LOWER LIMIT | | 10.47 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | |
| | | | | | | |
| | | | | | | |

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: IC 460-374290/4 Date Analyzed: 06/17/2016 17:18
 Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): T1329659.D Heated Purge: (Y/N) N
 Calibration ID: 56314

| | DCBP | | | | | |
|-------------------------------|------------------|------|--------|------|--------|------|
| | AREA # | RT # | AREA # | RT # | AREA # | RT # |
| INITIAL CALIBRATION SURROGATE | 200322733 | 9.07 | | | | |
| UPPER LIMIT | | 9.14 | | | | |
| LOWER LIMIT | | 9.00 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | |
| | | | | | | |
| | | | | | | |

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: CCVIS 460-386235/2 Date Analyzed: 08/23/2016 07:12
 Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): T1332043.D Heated Purge: (Y/N) N
 Calibration ID: 56355

| | BNB | | AREA # | RT # | AREA # | RT # | AREA # | RT # |
|--------------------------|------------------|----------|--------|------|--------|------|--------|------|
| | AREA # | RT # | | | | | | |
| 12/24 HOUR STD | 39864868 | 1.52 | | | | | | |
| UPPER LIMIT | 79729736 | 1.59 | | | | | | |
| LOWER LIMIT | 19932434 | 1.45 | | | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | | | |
| MB 460-386170/1-A | | 37789205 | 1.52 | | | | | |
| LCS 460-386170/2-A | | 38302377 | 1.52 | | | | | |
| 460-118325-A-11-A MS | | 40494740 | 1.52 | | | | | |
| 460-118325-A-11-B MSD | | 39370403 | 1.52 | | | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: CCVIS 460-386235/2 Date Analyzed: 08/23/2016 07:12
 Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm)
 Lab File ID (Standard): T1332043.D Heated Purge: (Y/N) N
 Calibration ID: 56356

| | BNB | | AREA # | RT # | AREA # | RT # |
|--------------------------|------------------|----------|--------|------|--------|------|
| | AREA # | RT # | | | | |
| 12/24 HOUR STD | 42615964 | 1.35 | | | | |
| UPPER LIMIT | 85231928 | 1.42 | | | | |
| LOWER LIMIT | 21307982 | 1.28 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | |
| MB 460-386170/1-A | | 38330897 | 1.34 | | | |
| LCS 460-386170/2-A | | 39820983 | 1.35 | | | |
| 460-118325-A-11-A MS | | 42343763 | 1.35 | | | |
| 460-118325-A-11-B MSD | | 41031040 | 1.35 | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: CCVIS 460-386235/23 Date Analyzed: 08/23/2016 12:51
 Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): T1332064.D Heated Purge: (Y/N) N
 Calibration ID: 56355

| | BNB | | AREA # | RT # | AREA # | RT # |
|----------------|------------------|----------|--------|------|--------|------|
| | AREA # | RT # | | | | |
| 12/24 HOUR STD | 40178168 | 1.52 | | | | |
| UPPER LIMIT | 80356336 | 1.59 | | | | |
| LOWER LIMIT | 20089084 | 1.45 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | |
| 460-118325-17 | PRA-P25E1-10.75 | 39469986 | 1.52 | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Sample No.: CCVIS 460-386235/23 Date Analyzed: 08/23/2016 12:51
 Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53 (mm)
 Lab File ID (Standard): T1332064.D Heated Purge: (Y/N) N
 Calibration ID: 56356

| | BNB | | AREA # | RT # | AREA # | RT # |
|----------------|------------------|----------|--------|------|--------|------|
| | AREA # | RT # | | | | |
| 12/24 HOUR STD | 42624136 | 1.34 | | | | |
| UPPER LIMIT | 85248272 | 1.41 | | | | |
| LOWER LIMIT | 21312068 | 1.27 | | | | |
| LAB SAMPLE ID | CLIENT SAMPLE ID | | | | | |
| 460-118325-17 | PRA-P25E1-10.75 | 41323831 | 1.35 | | | |

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-386170/2-A
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 08/23/2016 07:50 Date Analyzed (2): 08/23/2016 07:50
 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 | |
| Aroclor 1016 | 1 | 1 | 2.32 | 2.30 | 2.36 | 461 | 466 | 8.5 |
| | | 2 | 2.68 | 2.65 | 2.71 | 469 | | |
| | | 3 | 2.88 | 2.85 | 2.91 | 475 | | |
| | | 4 | 3.15 | 3.12 | 3.18 | 464 | | |
| | | 5 | 3.29 | 3.26 | 3.32 | 462 | | |
| | | 6 | 3.36 | 3.33 | 3.39 | 451 | | |
| | | 7 | 3.73 | 3.70 | 3.76 | 446 | | |
| | | 8 | 3.82 | 3.79 | 3.85 | 498 | | |
| | 2 | 1 | 2.97 | 2.94 | 3.00 | 427 | 428 | |
| | | 2 | 3.43 | 3.41 | 3.47 | 427 | | |
| | | 3 | 3.70 | 3.68 | 3.74 | 414 | | |
| | | 4 | 3.95 | 3.92 | 3.98 | 426 | | |
| | | 5 | 4.11 | 4.08 | 4.14 | 425 | | |
| | | 6 | 4.35 | 4.32 | 4.38 | 443 | | |
| | | 7 | 4.65 | 4.62 | 4.68 | 424 | | |
| | | 8 | 4.78 | 4.76 | 4.82 | 437 | | |
| Aroclor 1260 | 1 | 1 | 5.04 | 5.01 | 5.07 | 461 | 461 | 8.4 |
| | | 2 | 5.66 | 5.63 | 5.69 | 464 | | |
| | | 3 | 5.80 | 5.77 | 5.83 | 436 | | |
| | | 4 | 6.10 | 6.08 | 6.14 | 441 | | |
| | | 5 | 6.54 | 6.51 | 6.57 | 493 | | |
| | | 6 | 6.95 | 6.92 | 6.98 | 424 | | |
| | | 7 | 7.09 | 7.06 | 7.12 | 478 | | |
| | | 8 | 8.04 | 8.01 | 8.07 | 494 | | |
| | 2 | 1 | 5.95 | 5.92 | 5.98 | 437 | 424 | |
| | | 2 | 6.16 | 6.13 | 6.19 | 429 | | |
| | | 3 | 6.47 | 6.44 | 6.50 | 426 | | |
| | | 4 | 7.17 | 7.14 | 7.20 | 427 | | |
| | | 5 | 7.67 | 7.64 | 7.70 | 422 | | |
| | | 6 | 8.16 | 8.14 | 8.20 | 417 | | |
| | | 7 | 8.88 | 8.86 | 8.92 | 414 | | |
| | | 8 | 9.93 | 9.91 | 9.97 | 421 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-A MS
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 08/23/2016 09:19 Date Analyzed (2): 08/23/2016 09:19
 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 | |
| Aroclor 1016 | 1 | 1 | 2.33 | 2.30 | 2.36 | 470 | 1510 | 12.6 |
| | | 2 | 2.68 | 2.65 | 2.71 | 1370 | | |
| | | 3 | 2.86 | 2.85 | 2.91 | 1650 | | |
| | | 4 | 3.15 | 3.12 | 3.18 | 1110 | | |
| | | 5 | 3.31 | 3.26 | 3.32 | 988 | | |
| | | 6 | 3.35 | 3.33 | 3.39 | 571 | | |
| | | 7 | 3.73 | 3.70 | 3.76 | 3320 | | |
| | | 8 | 3.82 | 3.79 | 3.85 | 2620 | | |
| | 2 | 1 | 2.97 | 2.94 | 3.00 | 471 | 1720 | |
| | | 2 | 3.43 | 3.41 | 3.47 | 1240 | | |
| | | 3 | 3.70 | 3.68 | 3.74 | 1040 | | |
| | | 4 | 3.95 | 3.92 | 3.98 | 1090 | | |
| | | 5 | 4.10 | 4.08 | 4.14 | 774 | | |
| | | 6 | 4.35 | 4.32 | 4.38 | 3560 | | |
| | | 7 | 4.65 | 4.62 | 4.68 | 3000 | | |
| | | 8 | 4.78 | 4.76 | 4.82 | 2550 | | |
| Aroclor 1260 | 1 | 1 | 5.04 | 5.01 | 5.07 | 1090 | 950 | 3.2 |
| | | 2 | 5.66 | 5.63 | 5.69 | 979 | | |
| | | 3 | 5.80 | 5.77 | 5.83 | 930 | | |
| | | 4 | 6.11 | 6.08 | 6.14 | 876 | | |
| | | 5 | 6.54 | 6.51 | 6.57 | 984 | | |
| | | 6 | 6.95 | 6.92 | 6.98 | 825 | | |
| | | 7 | 7.09 | 7.06 | 7.12 | 965 | | |
| | | 8 | 8.04 | 8.01 | 8.07 | 955 | | |
| | 2 | 1 | 5.95 | 5.92 | 5.98 | 1050 | 920 | |
| | | 2 | 6.16 | 6.13 | 6.19 | 1120 | | |
| | | 3 | 6.47 | 6.44 | 6.50 | 924 | | |
| | | 4 | 7.17 | 7.14 | 7.20 | 871 | | |
| | | 5 | 7.67 | 7.64 | 7.70 | 873 | | |
| | | 6 | 8.16 | 8.14 | 8.20 | 844 | | |
| | | 7 | 8.89 | 8.86 | 8.92 | 847 | | |
| | | 8 | 9.94 | 9.91 | 9.97 | 828 | | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-B MSD
 Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11
 Date Analyzed (1): 08/23/2016 09:34 Date Analyzed (2): 08/23/2016 09:34
 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 | |
| Aroclor 1016 | 1 | 1 | 2.33 | 2.30 | 2.36 | 534 | 1830 | 13.8 |
| | | 2 | 2.68 | 2.65 | 2.71 | 1660 | | |
| | | 3 | 2.86 | 2.85 | 2.91 | 1980 | | |
| | | 4 | 3.15 | 3.12 | 3.18 | 1350 | | |
| | | 5 | 3.31 | 3.26 | 3.32 | 1170 | | |
| | | 6 | 3.36 | 3.33 | 3.39 | 614 | | |
| | | 7 | 3.73 | 3.70 | 3.76 | 4080 | | |
| | | 8 | 3.82 | 3.79 | 3.85 | 3250 | | |
| | 2 | 1 | 2.97 | 2.94 | 3.00 | 476 | 2100 | |
| | | 2 | 3.43 | 3.41 | 3.47 | 1510 | | |
| | | 3 | 3.70 | 3.68 | 3.74 | 1250 | | |
| | | 4 | 3.95 | 3.92 | 3.98 | 1310 | | |
| | | 5 | 4.10 | 4.08 | 4.14 | 901 | | |
| | | 6 | 4.35 | 4.32 | 4.38 | 4400 | | |
| | | 7 | 4.65 | 4.62 | 4.68 | 3720 | | |
| | | 8 | 4.78 | 4.76 | 4.82 | 3240 | | |
| Aroclor 1260 | 1 | 1 | 5.04 | 5.01 | 5.07 | 1260 | 1110 | 0.5 |
| | | 2 | 5.66 | 5.63 | 5.69 | 1150 | | |
| | | 3 | 5.80 | 5.77 | 5.83 | 1090 | | |
| | | 4 | 6.11 | 6.08 | 6.14 | 1030 | | |
| | | 5 | 6.54 | 6.51 | 6.57 | 1140 | | |
| | | 6 | 6.95 | 6.92 | 6.98 | 1000 | | |
| | | 7 | 7.09 | 7.06 | 7.12 | 1150 | | |
| | | 8 | 8.04 | 8.01 | 8.07 | 1100 | | |
| | 2 | 1 | 5.95 | 5.92 | 5.98 | 1280 | 1110 | |
| | | 2 | 6.16 | 6.13 | 6.19 | 1390 | | |
| | | 3 | 6.47 | 6.44 | 6.50 | 1110 | | |
| | | 4 | 7.17 | 7.14 | 7.20 | 1090 | | |
| | | 5 | 7.67 | 7.64 | 7.70 | 1020 | | |
| | | 6 | 8.16 | 8.14 | 8.20 | 1000 | | |
| | | 7 | 8.88 | 8.86 | 8.92 | 1000 | | |
| | | 8 | 9.93 | 9.91 | 9.97 | 976 | | |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

| | |
|--|--|
| Lab Name: <u>TestAmerica Edison</u> | Job No.: <u>460-118325-3</u> |
| SDG No.: _____ | |
| Client Sample ID: <u>PRA-P25E1-10.75</u> | Lab Sample ID: <u>460-118325-17</u> |
| Matrix: <u>Solid</u> | Lab File ID: <u>T1332067.D</u> |
| Analysis Method: <u>8082A</u> | Date Collected: <u>08/08/2016 09:50</u> |
| Extraction Method: <u>3546</u> | Date Extracted: <u>08/22/2016 22:43</u> |
| Sample wt/vol: <u>15.0322 (g)</u> | Date Analyzed: <u>08/23/2016 13:38</u> |
| Con. Extract Vol.: <u>10 (mL)</u> | Dilution Factor: <u>1</u> |
| Injection Volume: <u>1 (uL)</u> | GC Column: <u>CLP-2</u> ID: <u>0.53 (mm)</u> |
| % Moisture: <u>12.4</u> | GPC Cleanup: (Y/N) <u>N</u> |
| Analysis Batch No.: <u>386235</u> | Units: <u>ug/Kg</u> |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332067.D
 Lims ID: 460-118325-A-17-A
 Client ID: PRA-P25E1-10.75
 Sample Type: Client
 Inject. Date: 23-Aug-2016 13:38:14 ALS Bottle#: 26 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0044748-026
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:56:33

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|----------------|-------|
|-----|-----------|---------------|---------------|----------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene
 1 1.516 1.517 -0.001 39469986 20.0
 2 1.347 1.347 0.000 41323831 20.0
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl
 1 10.503 10.497 0.006 70622169 50.0
 2 8.981 8.983 -0.002 108795313 54.7
 RPD = 8.93

Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332067.D

Injection Date: 23-Aug-2016 13:38:14

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-118325-A-17-A

Lab Sample ID: 460-118325-17

Worklist Smp#: 26

Client ID: PRA-P25E1-10.75

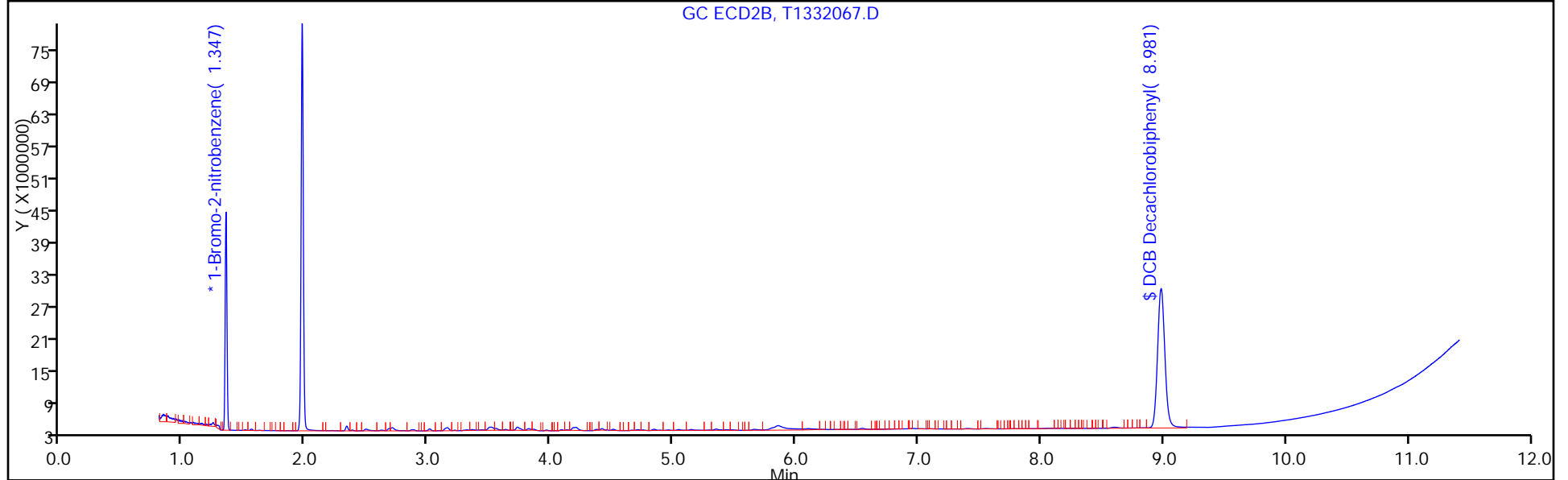
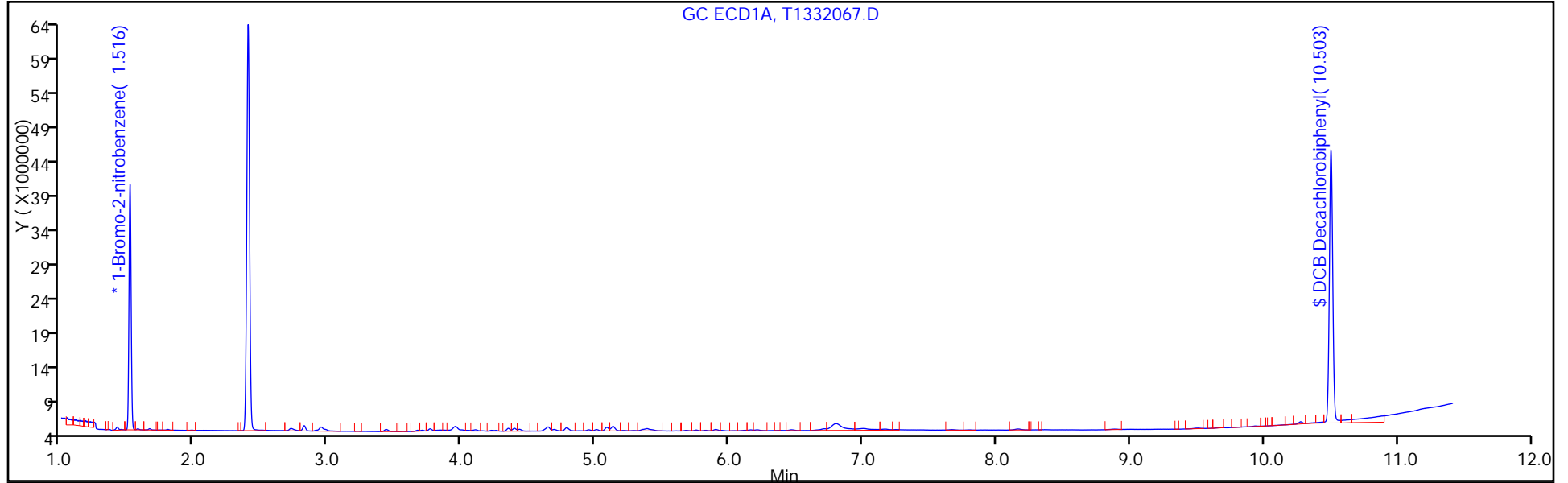
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: PRA-P25E1-10.75 Lab Sample ID: 460-118325-17
 Matrix: Solid Lab File ID: T1332067.D
 Analysis Method: 8082A Date Collected: 08/08/2016 09:50
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0322(g) Date Analyzed: 08/23/2016 13:38
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|----|-----|
| 12674-11-2 | Aroclor 1016 | 10 | U | 76 | 10 |
| 11104-28-2 | Aroclor 1221 | 10 | U | 76 | 10 |
| 11141-16-5 | Aroclor 1232 | 10 | U | 76 | 10 |
| 53469-21-9 | Aroclor 1242 | 10 | U | 76 | 10 |
| 12672-29-6 | Aroclor 1248 | 10 | U | 76 | 10 |
| 11097-69-1 | Aroclor 1254 | 10 | U | 76 | 10 |
| 11096-82-5 | Aroclor 1260 | 10 | U | 76 | 10 |
| 37324-23-5 | Aroclor 1262 | 10 | U | 76 | 10 |
| 11100-14-4 | Aroclor 1268 | 10 | U | 76 | 10 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 109 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332067.D
 Lims ID: 460-118325-A-17-A
 Client ID: PRA-P25E1-10.75
 Sample Type: Client
 Inject. Date: 23-Aug-2016 13:38:14 ALS Bottle#: 26 Worklist Smp#: 26
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0044748-026
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:56:33

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|----------------|-------|
|-----|-----------|---------------|---------------|----------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene
 1 1.516 1.517 -0.001 39469986 20.0
 2 1.347 1.347 0.000 41323831 20.0
 RPD = 0.00

\$ 11 DCB Decachlorobiphenyl
 1 10.503 10.497 0.006 70622169 50.0
 2 8.981 8.983 -0.002 108795313 54.7
 RPD = 8.93

Reagents:

SGPCBISTD_00006 Amount Added: 20.00 Units: uL Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332067.D

Injection Date: 23-Aug-2016 13:38:14

Instrument ID: CPESTGC11

Operator ID:

Lims ID: 460-118325-A-17-A

Lab Sample ID: 460-118325-17

Worklist Smp#: 26

Client ID: PRA-P25E1-10.75

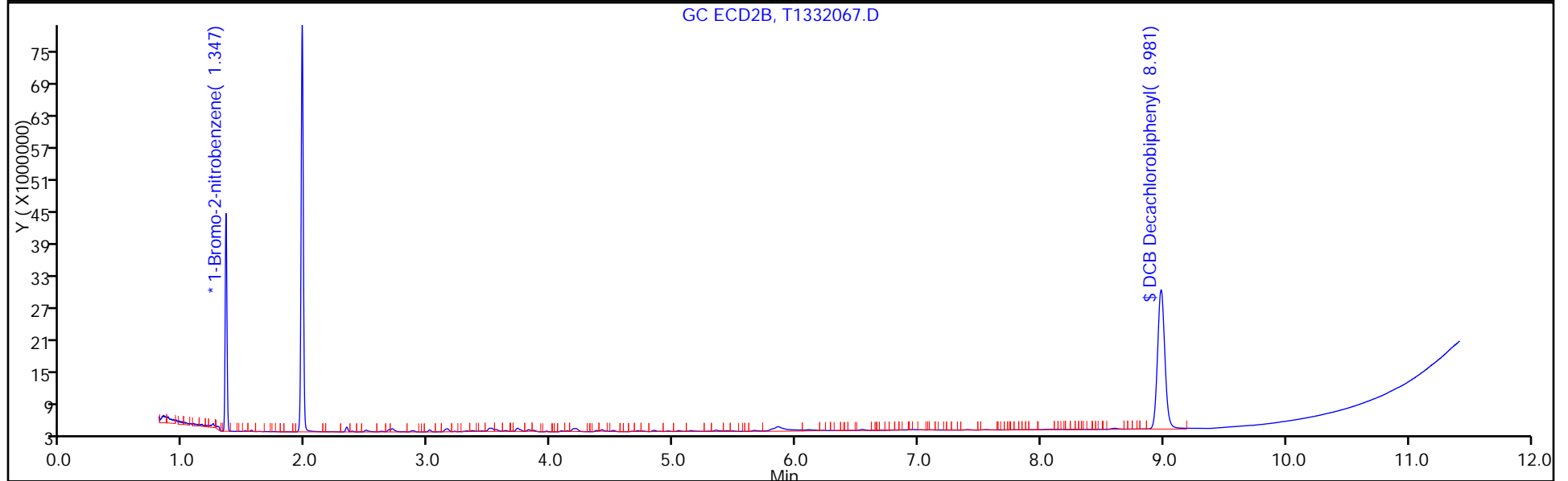
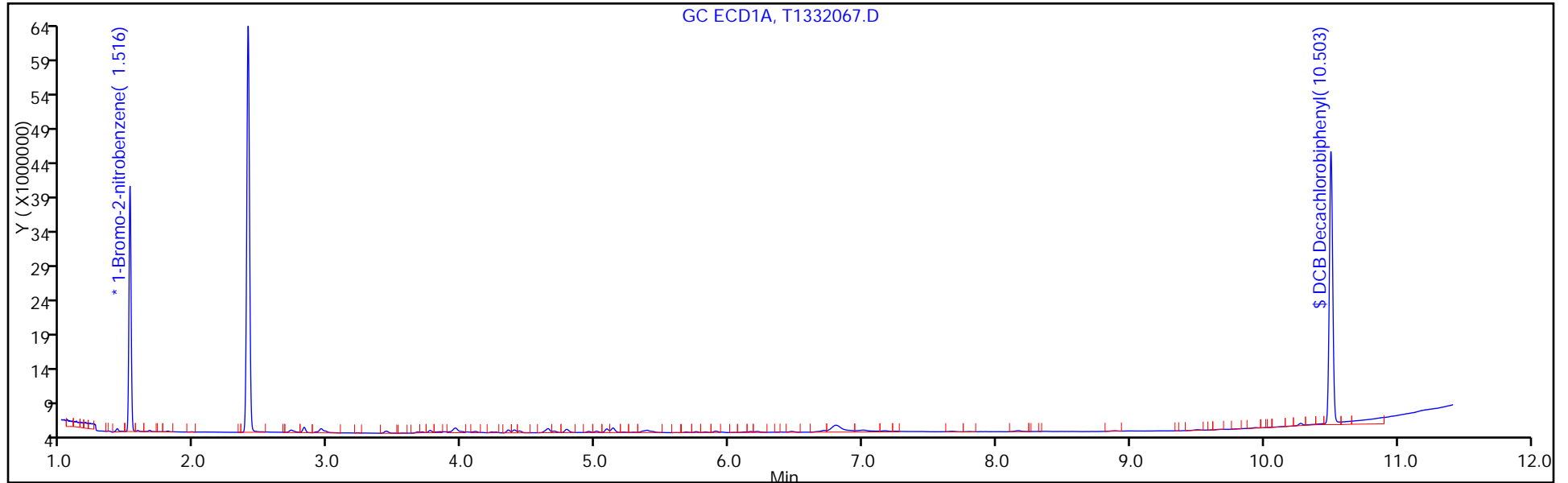
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 26

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|-----------------|--------------|
| Level 1 | IC 460-374290/2 | T1329657.D |
| Level 2 | IC 460-374290/3 | T1329658.D |
| Level 3 | IC 460-374290/4 | T1329659.D |
| Level 4 | IC 460-374290/5 | T1329660.D |
| Level 5 | IC 460-374290/6 | T1329661.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|------------------------|--------|--------|--------|--------|--------|------------|-------------|--------|----|---|---------|------|------|----------|------------|--------|----------------|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 0.0183 | 0.0163 | 0.0156 | 0.0163 | 0.0156 | Ave | | 0.0164 | | | 6.6 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 2 | 0.0342 | 0.0327 | 0.0316 | 0.0322 | 0.0312 | Ave | | 0.0323 | | | 3.6 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 3 | 0.0174 | 0.0138 | 0.0125 | 0.0135 | 0.0133 | Ave | | 0.0141 | | | 13.6 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 4 | 0.0705 | 0.0658 | 0.0640 | 0.0658 | 0.0640 | Ave | | 0.0660 | | | 4.0 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 5 | 0.0308 | 0.0275 | 0.0267 | 0.0275 | 0.0267 | Ave | | 0.0278 | | | 6.2 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 6 | 0.0142 | 0.0146 | 0.0141 | 0.0146 | 0.0141 | Ave | | 0.0143 | | | 1.8 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 7 | 0.0241 | 0.0221 | 0.0216 | 0.0220 | 0.0213 | Ave | | 0.0222 | | | 5.0 | | 20.0 | | | 0.9900 | |
| PCB-1016 Peak 8 | 0.0248 | 0.0246 | 0.0243 | 0.0249 | 0.0242 | Ave | | 0.0246 | | | 1.3 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 1 | 0.0207 | 0.0214 | 0.0214 | 0.0214 | 0.0209 | Ave | | 0.0211 | | | 1.6 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 2 | 0.0456 | 0.0446 | 0.0446 | 0.0444 | 0.0432 | Ave | | 0.0445 | | | 1.9 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 3 | 0.0533 | 0.0528 | 0.0521 | 0.0516 | 0.0500 | Ave | | 0.0520 | | | 2.4 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 4 | 0.0412 | 0.0433 | 0.0422 | 0.0418 | 0.0405 | Ave | | 0.0418 | | | 2.5 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 5 | 0.0469 | 0.0468 | 0.0464 | 0.0458 | 0.0445 | Ave | | 0.0461 | | | 2.1 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 6 | 0.0973 | 0.0989 | 0.0975 | 0.0963 | 0.0939 | Ave | | 0.0968 | | | 1.9 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 7 | 0.0756 | 0.0740 | 0.0717 | 0.0704 | 0.0706 | Ave | | 0.0725 | | | 3.1 | | 20.0 | | | 0.9900 | |
| PCB-1260 Peak 8 | 0.0279 | 0.0271 | 0.0265 | 0.0265 | 0.0261 | Ave | | 0.0268 | | | 2.6 | | 20.0 | | | 0.9900 | |
| Tetrachloro-m-xylene | 0.8662 | 0.9111 | 0.8689 | 0.8775 | 0.8840 | Ave | | 0.8815 | | | 2.0 | | 20.0 | | | 0.9900 | |
| DCB Decachlorobiphenyl | 0.7260 | 0.7319 | 0.7194 | 0.6940 | 0.7053 | Ave | | 0.7153 | | | 2.2 | | 20.0 | | | 0.9900 | |

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

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56313

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|-----------------|--------------|
| Level 1 | IC 460-374290/2 | T1329657.D |
| Level 2 | IC 460-374290/3 | T1329658.D |
| Level 3 | IC 460-374290/4 | T1329659.D |
| Level 4 | IC 460-374290/5 | T1329660.D |
| Level 5 | IC 460-374290/6 | T1329661.D |

| ANALYTE | IS REF | 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 | BNB | Ave | 2383471 | 19947747 | 37214464 | 58856970 | 94368056 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | BNB | Ave | 4450942 | 39847649 | 75127788 | 116217693 | 188148070 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | BNB | Ave | 2265887 | 16821854 | 29679246 | 48670211 | 80291841 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | BNB | Ave | 9187173 | 80280216 | 152282244 | 237555906 | 386108517 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | BNB | Ave | 4013840 | 33578572 | 63515995 | 99201310 | 160901993 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | BNB | Ave | 1851014 | 17797798 | 33548865 | 52581109 | 84995899 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | BNB | Ave | 3145812 | 26928358 | 51363153 | 79442295 | 128519270 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | BNB | Ave | 3235444 | 30040601 | 57737690 | 89996046 | 146139896 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | BNB | Ave | 2696008 | 26169828 | 50827089 | 77203552 | 125996858 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | BNB | Ave | 5939775 | 54445319 | 106245724 | 160164329 | 260766285 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | BNB | Ave | 6940606 | 64474128 | 124113120 | 186376539 | 302059609 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | BNB | Ave | 5368130 | 52790602 | 100581197 | 150841048 | 244502543 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | BNB | Ave | 6106642 | 57153947 | 110461120 | 165302329 | 268936894 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | BNB | Ave | 12678163 | 120701616 | 232150751 | 347385866 | 566902787 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | BNB | Ave | 9853674 | 90244352 | 170793787 | 254181707 | 426186386 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | BNB | Ave | 3636685 | 33015803 | 63183426 | 95617467 | 157407607 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Tetrachloro-m-xylene | BNB | Ave | 28223476 | 111178386 | 206845811 | 316646455 | 426956448 | 12.5 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 23654358 | 89311814 | 171272113 | 250450560 | 340655792 | 12.5 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
 Lims ID: IC PCB 1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-002
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 1.533 | 1.534 | -0.001 | 52132508 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.368 | -0.001 | 44247020 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 2.425 | 2.426 | -0.001 | 28223476 | 12.5 | 12.3 | |
| 2 | 1.998 | 1.999 | -0.001 | 23622105 | 12.5 | 11.9 | |
| | | | | | | RPD = 3.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|---------|------|------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 2383471 | 50.0 | 55.6 | |
| 1 | 3.466 | 3.465 | 0.001 | 4450942 | 50.0 | 52.8 | |
| 1 | 3.743 | 3.738 | 0.005 | 2265887 | 50.0 | 61.7 | M |
| 1 | 3.985 | 3.985 | 0.000 | 9187173 | 50.0 | 53.4 | |
| 1 | 4.142 | 4.142 | 0.000 | 4013840 | 50.0 | 55.3 | M |
| 1 | 4.382 | 4.384 | -0.002 | 1851014 | 50.0 | 49.6 | |
| 1 | 4.682 | 4.684 | -0.002 | 3145812 | 50.0 | 54.3 | |
| 1 | 4.822 | 4.822 | 0.000 | 3235444 | 50.0 | 50.5 | M |

Average of Peak Amounts = 54.2

| | | | | | | | |
|---|-------|-------|--------|---------|------|------|--|
| 2 | 2.360 | 2.360 | 0.000 | 1988791 | 50.0 | 54.2 | |
| 2 | 2.717 | 2.718 | -0.001 | 3657353 | 50.0 | 51.0 | |
| 2 | 2.922 | 2.921 | 0.001 | 2367984 | 50.0 | 49.5 | |
| 2 | 3.193 | 3.194 | -0.001 | 7940401 | 50.0 | 49.8 | |
| 2 | 3.332 | 3.333 | -0.001 | 3200676 | 50.0 | 48.6 | |
| 2 | 3.397 | 3.397 | 0.000 | 2246628 | 50.0 | 55.3 | |
| 2 | 3.769 | 3.770 | -0.001 | 3519821 | 50.0 | 52.8 | |
| 2 | 3.859 | 3.860 | -0.001 | 1898528 | 50.0 | 51.0 | |

Average of Peak Amounts = 51.5

RPD = 5.02

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 2696008 | 50.0 | 48.9 | |
| 1 | 6.209 | 6.211 | -0.002 | 5939775 | 50.0 | 51.2 | |
| 1 | 6.520 | 6.521 | -0.001 | 6940606 | 50.0 | 51.2 | M |
| 1 | 7.225 | 7.228 | -0.003 | 5368130 | 50.0 | 49.3 | M |
| 1 | 7.734 | 7.735 | -0.001 | 6106642 | 50.0 | 50.8 | |
| 1 | 8.230 | 8.230 | 0.000 | 12678163 | 50.0 | 50.3 | |
| 1 | 8.962 | 8.960 | 0.002 | 9853674 | 50.0 | 52.2 | |
| 1 | 9.979 | 9.979 | 0.000 | 3636685 | 50.0 | 52.0 | |

Average of Peak Amounts = 50.7

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|---|
| 2 | 5.090 | 5.091 | -0.001 | 4924424 | 50.0 | 51.3 | M |
| 2 | 5.707 | 5.708 | -0.001 | 8504377 | 50.0 | 51.3 | M |
| 2 | 5.855 | 5.855 | 0.000 | 5791258 | 50.0 | 57.3 | M |
| 2 | 6.161 | 6.162 | -0.001 | 5479148 | 50.0 | 53.4 | M |
| 2 | 6.599 | 6.600 | -0.001 | 11492180 | 50.0 | 50.5 | M |
| 2 | 7.017 | 7.019 | -0.002 | 6090276 | 50.0 | 52.0 | M |
| 2 | 7.159 | 7.160 | -0.001 | 3541594 | 50.0 | 53.0 | M |
| 2 | 8.120 | 8.119 | 0.001 | 3234769 | 50.0 | 49.2 | |

Average of Peak Amounts = 52.2

RPD = 2.92

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|----------|------|------|---|
| | | | | | | | M |
| 1 | 10.541 | 10.542 | -0.001 | 23654358 | 12.5 | 12.7 | M |
| 2 | 9.067 | 9.070 | -0.003 | 28261365 | 12.5 | 13.3 | |

RPD = 4.50

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|-------|--|
| 1 | | | | | | 104.9 | |
|---|--|--|--|--|--|-------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660(LVI)L1_00009

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date: 17-Jun-2016 16:49:49

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 2

Client ID:

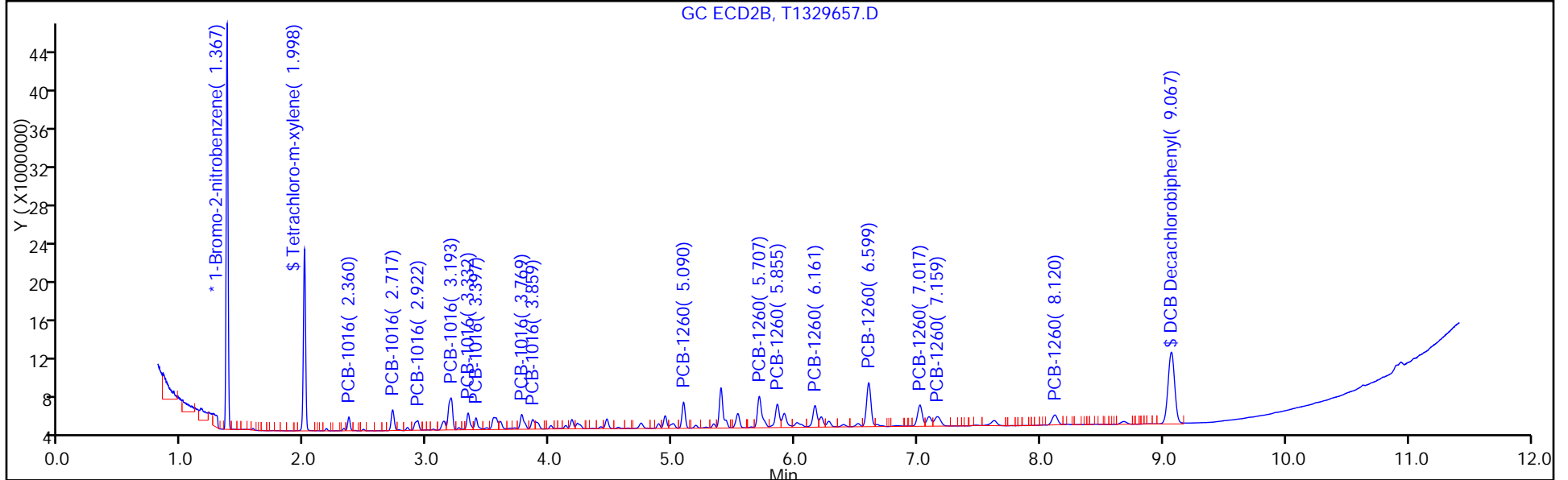
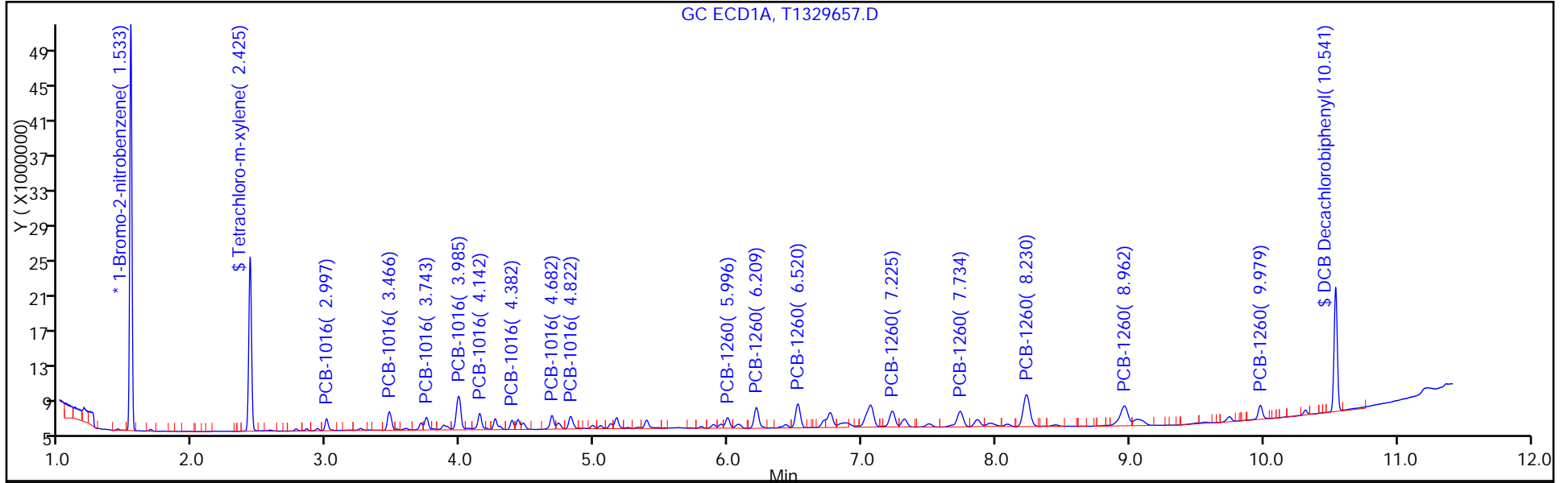
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
 Lims ID: IC PCB 2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-003
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48810751 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.368 | -0.001 | 41476835 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|------|------------|--|
| 1 | 2.426 | 2.426 | 0.000 | 111178386 | 50.0 | 51.7 | |
| 2 | 1.998 | 1.999 | -0.001 | 98412532 | 50.0 | 52.9 | |
| | | | | | | RPD = 2.25 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 19947747 | 500.0 | 497.1 | |
| 1 | 3.466 | 3.465 | 0.001 | 39847649 | 500.0 | 504.8 | M |
| 1 | 3.738 | 3.738 | 0.000 | 16821854 | 500.0 | 489.4 | M |
| 1 | 3.985 | 3.985 | 0.000 | 80280216 | 500.0 | 498.4 | M |
| 1 | 4.142 | 4.142 | 0.000 | 33578572 | 500.0 | 494.4 | M |
| 1 | 4.383 | 4.384 | -0.001 | 17797798 | 500.0 | 509.8 | M |
| 1 | 4.683 | 4.684 | -0.001 | 26928358 | 500.0 | 496.7 | M |
| 1 | 4.821 | 4.822 | -0.001 | 30040601 | 500.0 | 501.0 | M |

Average of Peak Amounts = 498.9

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| 2 | 2.360 | 2.360 | 0.000 | 17601723 | 500.0 | 511.5 | |
| 2 | 2.717 | 2.718 | -0.001 | 34892704 | 500.0 | 519.1 | |
| 2 | 2.921 | 2.921 | 0.000 | 23176089 | 500.0 | 516.4 | |
| 2 | 3.194 | 3.194 | 0.000 | 77741733 | 500.0 | 520.5 | M |
| 2 | 3.333 | 3.333 | 0.000 | 32344176 | 500.0 | 524.3 | M |
| 2 | 3.397 | 3.397 | 0.000 | 19359269 | 500.0 | 508.1 | M |
| 2 | 3.771 | 3.770 | 0.001 | 32387214 | 500.0 | 517.9 | M |
| 2 | 3.861 | 3.860 | 0.001 | 17647110 | 500.0 | 505.6 | M |

Average of Peak Amounts = 515.4

RPD = 3.25

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 26169828 | 500.0 | 507.0 | |
| 1 | 6.211 | 6.211 | 0.000 | 54445319 | 500.0 | 501.6 | |
| 1 | 6.521 | 6.521 | 0.000 | 64474128 | 500.0 | 508.2 | |
| 1 | 7.226 | 7.228 | -0.002 | 52790602 | 500.0 | 517.5 | |
| 1 | 7.735 | 7.735 | 0.000 | 57153947 | 500.0 | 508.1 | |
| 1 | 8.231 | 8.230 | 0.001 | 120701616 | 500.0 | 511.1 | |
| 1 | 8.962 | 8.960 | 0.002 | 90244352 | 500.0 | 510.3 | |
| 1 | 9.976 | 9.979 | -0.003 | 33015803 | 500.0 | 504.5 | |

Average of Peak Amounts = 508.5

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|---|
| 2 | 5.090 | 5.091 | -0.001 | 47388823 | 500.0 | 526.6 | M |
| 2 | 5.707 | 5.708 | -0.001 | 81964387 | 500.0 | 527.2 | M |
| 2 | 5.855 | 5.855 | 0.000 | 48990909 | 500.0 | 516.9 | M |
| 2 | 6.162 | 6.162 | 0.000 | 50430467 | 500.0 | 524.0 | M |
| 2 | 6.600 | 6.600 | 0.000 | 113178484 | 500.0 | 530.5 | M |
| 2 | 7.017 | 7.019 | -0.002 | 57795127 | 500.0 | 526.3 | |
| 2 | 7.161 | 7.160 | 0.001 | 32722825 | 500.0 | 522.7 | |
| 2 | 8.119 | 8.119 | 0.000 | 33169855 | 500.0 | 538.3 | |

Average of Peak Amounts = 526.6

RPD = 3.48

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|------|------|---|
| | | | | | | | M |
| 1 | 10.535 | 10.542 | -0.007 | 89311814 | 50.0 | 51.2 | M |
| 2 | 9.070 | 9.070 | 0.000 | 107515159 | 50.0 | 53.9 | |

RPD = 5.14

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 1007.5 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L2_00022

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date: 17-Jun-2016 17:04:19

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 3

Client ID:

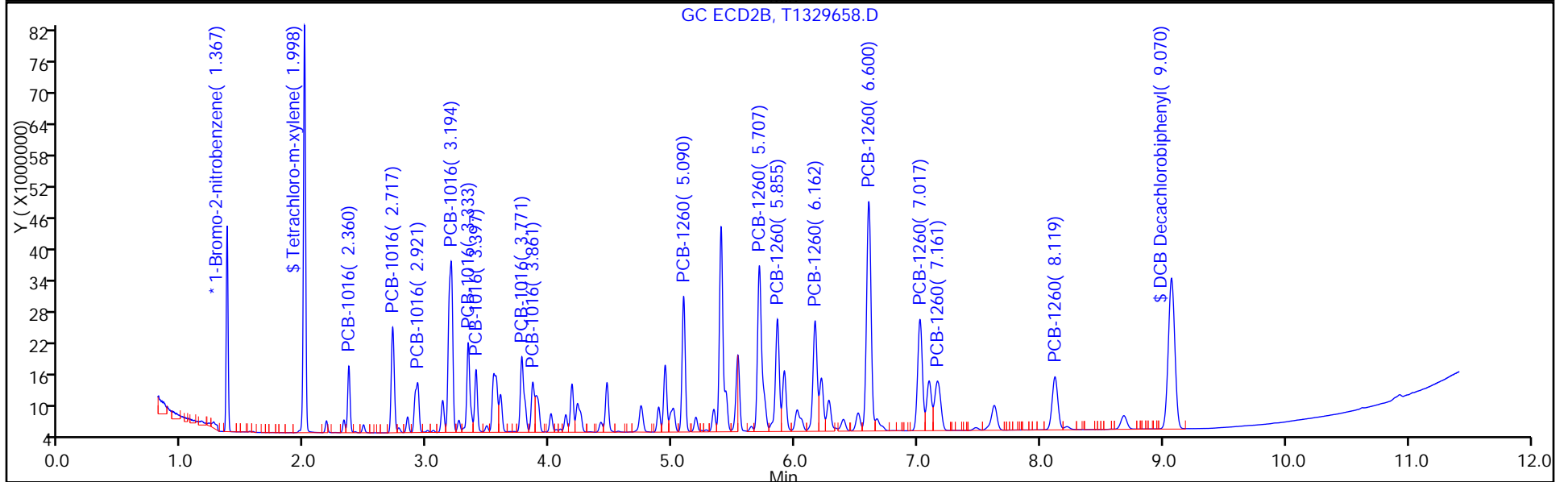
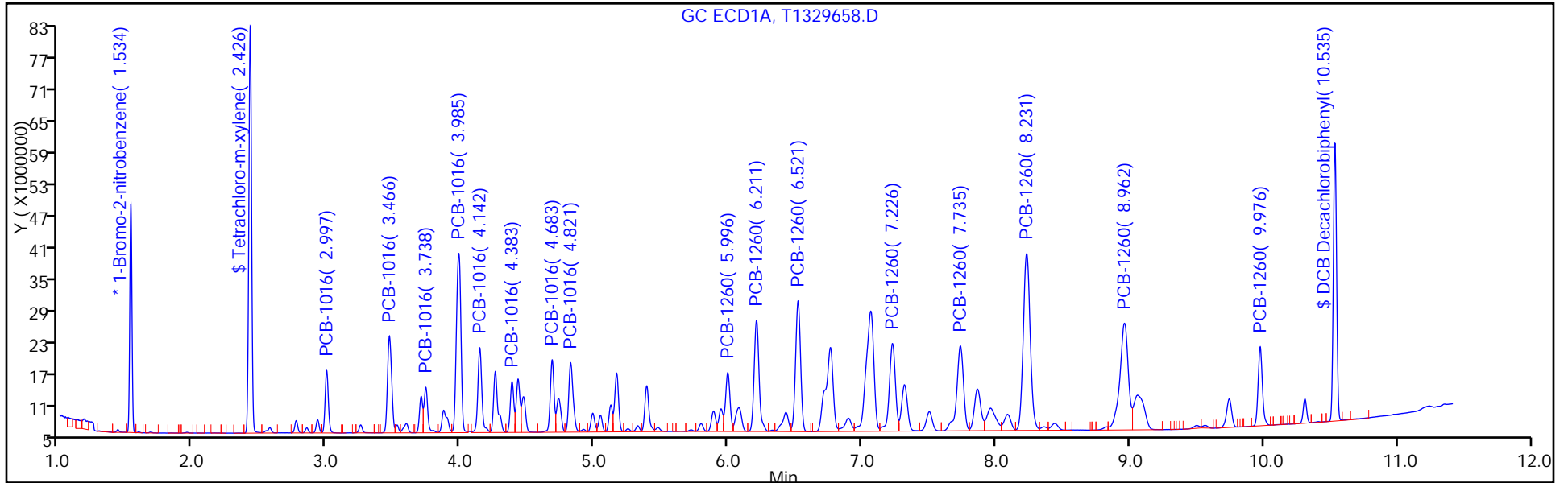
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
 Lims ID: IC PCB 3
 Client ID:
 Sample Type: ICRT Calib Level: 3
 Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-004
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|------------|
| 1 | 1.534 | 1.534 | 0.000 | 47612772 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 41392687 | 20.0 | 20.0 | |
| | | | | | | | RPD = 0.00 |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|-------|-----------|-------|-------|------------|
| 1 | 2.426 | 2.426 | 0.000 | 206845811 | 100.0 | 98.6 | |
| 2 | 1.999 | 1.999 | 0.000 | 191717609 | 100.0 | 103.2 | |
| | | | | | | | RPD = 4.57 |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.998 | 2.998 | 0.000 | 37214464 | 1000.0 | 950.8 | |
| 1 | 3.465 | 3.465 | 0.000 | 75127788 | 1000.0 | 975.6 | |
| 1 | 3.738 | 3.738 | 0.000 | 29679246 | 1000.0 | 885.1 | |
| 1 | 3.985 | 3.985 | 0.000 | 152282244 | 1000.0 | 969.1 | |
| 1 | 4.142 | 4.142 | 0.000 | 63515995 | 1000.0 | 958.8 | |
| 1 | 4.384 | 4.384 | 0.000 | 33548865 | 1000.0 | 985.1 | |
| 1 | 4.684 | 4.684 | 0.000 | 51363153 | 1000.0 | 971.2 | |
| 1 | 4.822 | 4.822 | 0.000 | 57737690 | 1000.0 | 987.2 | |

Average of Peak Amounts = 960.4

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 34355594 | 1000.0 | 1000.3 | |
| 2 | 2.718 | 2.718 | 0.000 | 68566680 | 1000.0 | 1022.1 | |
| 2 | 2.921 | 2.921 | 0.000 | 45996304 | 1000.0 | 1027.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 152704226 | 1000.0 | 1024.5 | M |
| 2 | 3.333 | 3.333 | 0.000 | 63513802 | 1000.0 | 1031.6 | M |
| 2 | 3.397 | 3.397 | 0.000 | 37762753 | 1000.0 | 993.1 | M |
| 2 | 3.770 | 3.770 | 0.000 | 62884821 | 1000.0 | 1007.6 | M |
| 2 | 3.860 | 3.860 | 0.000 | 35788067 | 1000.0 | 1027.5 | M |

Average of Peak Amounts = 1016.7

RPD = 5.70

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|--|
| 1 | 5.996 | 5.996 | 0.000 | 50827089 | 1000.0 | 1009.5 | |
| 1 | 6.211 | 6.211 | 0.000 | 106245724 | 1000.0 | 1003.4 | |
| 1 | 6.521 | 6.521 | 0.000 | 124113120 | 1000.0 | 1003.0 | |
| 1 | 7.228 | 7.228 | 0.000 | 100581197 | 1000.0 | 1010.8 | |
| 1 | 7.735 | 7.735 | 0.000 | 110461120 | 1000.0 | 1006.7 | |
| 1 | 8.230 | 8.230 | 0.000 | 232150751 | 1000.0 | 1007.7 | |
| 1 | 8.960 | 8.960 | 0.000 | 170793787 | 1000.0 | 990.0 | |
| 1 | 9.979 | 9.979 | 0.000 | 63183426 | 1000.0 | 989.8 | |

Average of Peak Amounts = 1002.6

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 5.091 | 5.091 | 0.000 | 92114022 | 1000.0 | 1025.6 | M |
| 2 | 5.708 | 5.708 | 0.000 | 159150615 | 1000.0 | 1025.8 | M |
| 2 | 5.855 | 5.855 | 0.000 | 94149722 | 1000.0 | 995.4 | M |
| 2 | 6.162 | 6.162 | 0.000 | 97649532 | 1000.0 | 1016.7 | M |
| 2 | 6.600 | 6.600 | 0.000 | 218244310 | 1000.0 | 1025.1 | M |
| 2 | 7.019 | 7.019 | 0.000 | 111607561 | 1000.0 | 1018.4 | M |
| 2 | 7.160 | 7.160 | 0.000 | 63382803 | 1000.0 | 1014.5 | M |
| 2 | 8.119 | 8.119 | 0.000 | 62634427 | 1000.0 | 1018.6 | M |

Average of Peak Amounts = 1017.5

RPD = 1.48

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.542 | 10.542 | 0.000 | 171272113 | 100.0 | 100.6 | |
| 2 | 9.070 | 9.070 | 0.000 | 200322733 | 100.0 | 100.6 | |

RPD = 0.02

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00028

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date: 17-Jun-2016 17:18:51

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 4

Client ID:

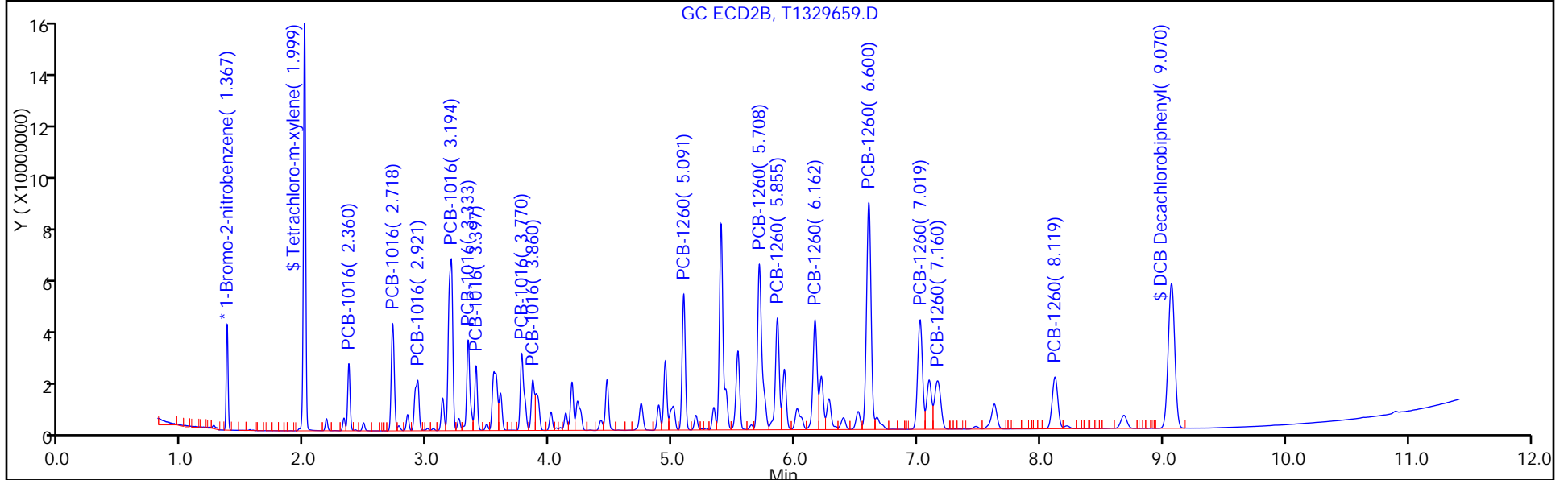
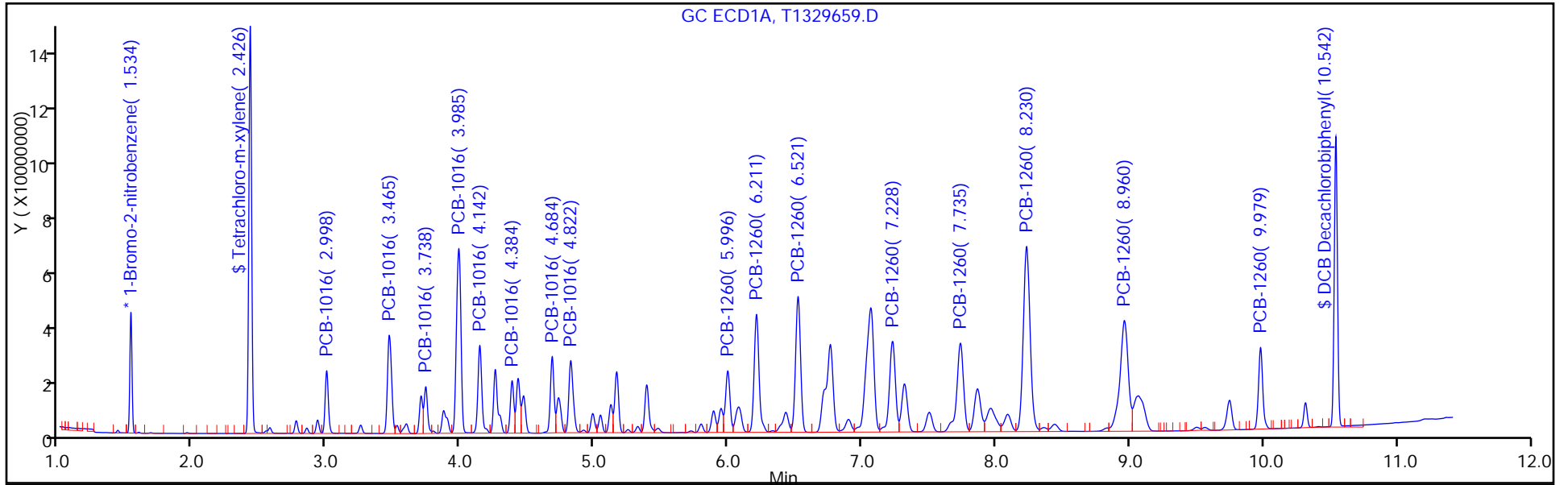
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
 Lims ID: IC PCB 4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-005
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48114337 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 44543070 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|-------|-----------|-------|------------|--|
| 1 | 2.426 | 2.426 | 0.000 | 316646455 | 150.0 | 149.3 | |
| 2 | 1.999 | 1.999 | 0.000 | 292476987 | 150.0 | 146.3 | |
| | | | | | | RPD = 2.06 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 58856970 | 1500.0 | 1488.0 | |
| 1 | 3.466 | 3.465 | 0.001 | 116217693 | 1500.0 | 1493.5 | |
| 1 | 3.739 | 3.738 | 0.001 | 48670211 | 1500.0 | 1436.4 | M |
| 1 | 3.986 | 3.985 | 0.001 | 237555906 | 1500.0 | 1496.0 | M |
| 1 | 4.142 | 4.142 | 0.000 | 99201310 | 1500.0 | 1481.9 | M |
| 1 | 4.384 | 4.384 | 0.000 | 52581109 | 1500.0 | 1527.8 | M |
| 1 | 4.683 | 4.684 | -0.001 | 79442295 | 1500.0 | 1486.4 | M |
| 1 | 4.821 | 4.822 | -0.001 | 89996046 | 1500.0 | 1522.7 | M |

Average of Peak Amounts = 1491.6

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 53669019 | 1500.0 | 1452.2 | |
| 2 | 2.717 | 2.718 | -0.001 | 105872731 | 1500.0 | 1466.6 | M |
| 2 | 2.920 | 2.921 | -0.001 | 71727205 | 1500.0 | 1488.3 | M |
| 2 | 3.194 | 3.194 | 0.000 | 236399127 | 1500.0 | 1473.8 | M |
| 2 | 3.332 | 3.333 | -0.001 | 98100029 | 1500.0 | 1480.6 | M |
| 2 | 3.396 | 3.397 | -0.001 | 58728292 | 1500.0 | 1435.2 | M |
| 2 | 3.771 | 3.770 | 0.001 | 97272346 | 1500.0 | 1448.3 | M |
| 2 | 3.860 | 3.860 | 0.000 | 55039601 | 1500.0 | 1468.5 | M |

Average of Peak Amounts = 1464.2

RPD = 1.85

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 77203552 | 1500.0 | 1517.4 | M |
| 1 | 6.211 | 6.211 | 0.000 | 160164329 | 1500.0 | 1496.8 | M |
| 1 | 6.521 | 6.521 | 0.000 | 186376539 | 1500.0 | 1490.4 | M |
| 1 | 7.226 | 7.228 | -0.002 | 150841048 | 1500.0 | 1500.0 | M |
| 1 | 7.736 | 7.735 | 0.001 | 165302329 | 1500.0 | 1490.9 | M |
| 1 | 8.231 | 8.230 | 0.001 | 347385866 | 1500.0 | 1492.1 | M |
| 1 | 8.964 | 8.960 | 0.004 | 254181707 | 1500.0 | 1458.0 | M |
| 1 | 9.979 | 9.979 | 0.000 | 95617467 | 1500.0 | 1482.3 | |

Average of Peak Amounts = 1491.0

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 5.090 | 5.091 | -0.001 | 139556499 | 1500.0 | 1443.9 | M |
| 2 | 5.707 | 5.708 | -0.001 | 239956000 | 1500.0 | 1437.2 | M |
| 2 | 5.855 | 5.855 | 0.000 | 141095517 | 1500.0 | 1386.2 | M |
| 2 | 6.162 | 6.162 | 0.000 | 146837674 | 1500.0 | 1420.8 | M |
| 2 | 6.601 | 6.600 | 0.001 | 329230507 | 1500.0 | 1437.0 | M |
| 2 | 7.019 | 7.019 | 0.000 | 168116758 | 1500.0 | 1425.5 | M |
| 2 | 7.161 | 7.160 | 0.001 | 95473729 | 1500.0 | 1420.1 | M |
| 2 | 8.119 | 8.119 | 0.000 | 95699032 | 1500.0 | 1446.2 | |

Average of Peak Amounts = 1427.1

RPD = 4.38

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.542 | 10.542 | 0.000 | 250450560 | 150.0 | 145.5 | |
| 2 | 9.070 | 9.070 | 0.000 | 295435713 | 150.0 | 137.8 | |

RPD = 5.46

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 2982.6 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L4_00021

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date: 17-Jun-2016 17:33:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

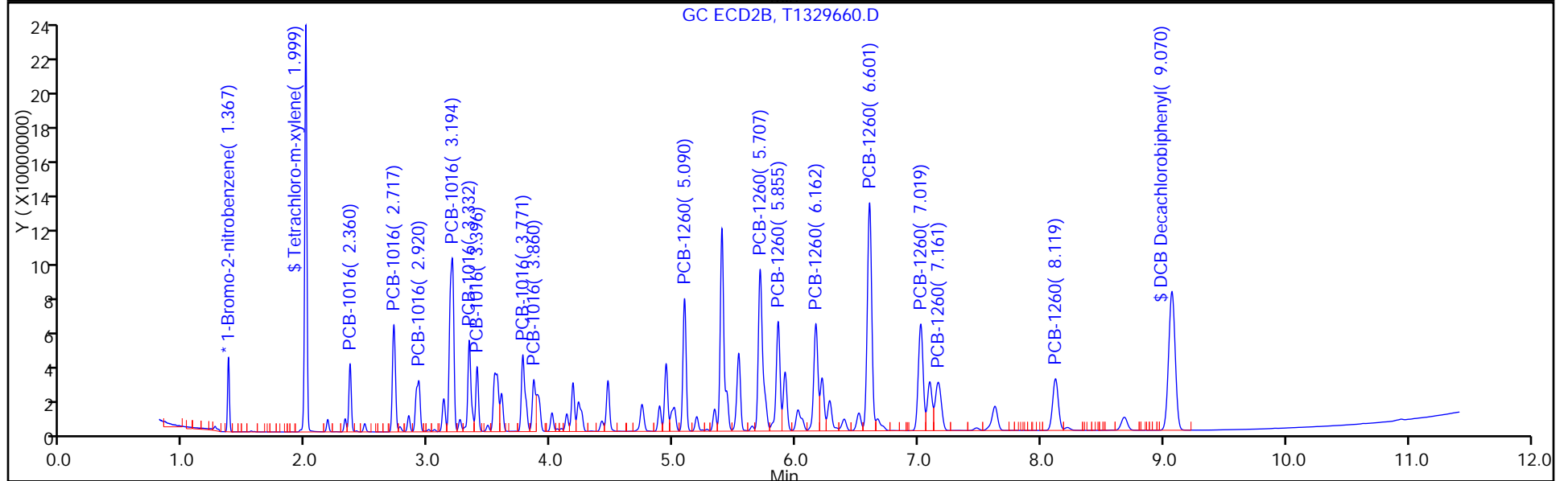
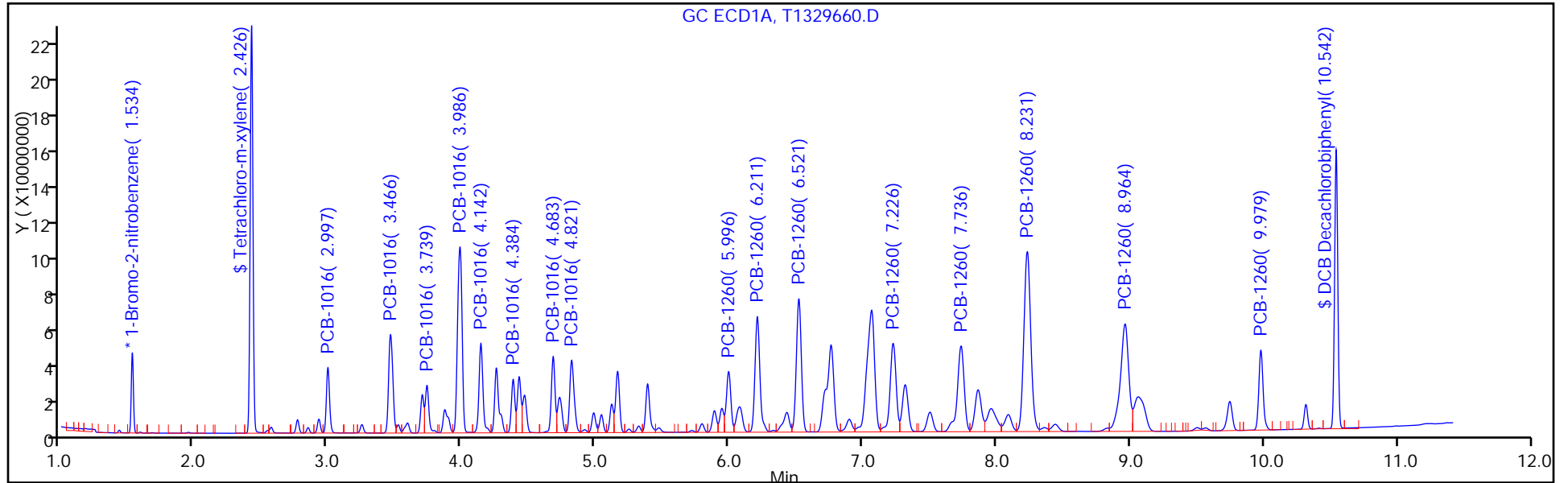
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
 Lims ID: IC PCB 5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-006
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 1.533 | 1.534 | -0.001 | 48300680 | 20.0 | 20.0 | |
| 2 | 1.366 | 1.367 | -0.001 | 45028249 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|------------|---|
| 1 | 2.426 | 2.426 | 0.000 | 426956448 | 200.0 | 200.6 | M |
| 2 | 1.998 | 1.999 | -0.001 | 398057397 | 200.0 | 196.9 | M |
| | | | | | | RPD = 1.83 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016 M

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 1 | 2.997 | 2.998 | -0.001 | 94368056 | 2500.0 | 2376.6 | |
| 1 | 3.466 | 3.465 | 0.001 | 188148070 | 2500.0 | 2408.5 | |
| 1 | 3.738 | 3.738 | 0.000 | 80291841 | 2500.0 | 2360.5 | M |
| 1 | 3.986 | 3.985 | 0.001 | 386108517 | 2500.0 | 2422.2 | M |
| 1 | 4.141 | 4.142 | -0.001 | 160901993 | 2500.0 | 2394.3 | M |
| 1 | 4.383 | 4.384 | -0.001 | 84995899 | 2500.0 | 2460.2 | M |
| 1 | 4.682 | 4.684 | -0.002 | 128519270 | 2500.0 | 2395.4 | M |
| 1 | 4.821 | 4.822 | -0.001 | 146139896 | 2500.0 | 2463.1 | M |

Average of Peak Amounts = 2410.1

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.359 | 2.360 | -0.001 | 86409581 | 2500.0 | 2312.9 | M |
| 2 | 2.717 | 2.718 | -0.001 | 171845426 | 2500.0 | 2354.8 | M |
| 2 | 2.920 | 2.921 | -0.001 | 116753415 | 2500.0 | 2396.5 | M |
| 2 | 3.194 | 3.194 | 0.000 | 387264464 | 2500.0 | 2388.3 | M |
| 2 | 3.332 | 3.333 | -0.001 | 160787056 | 2500.0 | 2400.6 | M |
| 2 | 3.396 | 3.397 | -0.001 | 96036359 | 2500.0 | 2321.6 | M |
| 2 | 3.770 | 3.770 | 0.000 | 158885557 | 2500.0 | 2340.2 | M |
| 2 | 3.859 | 3.860 | -0.001 | 91159231 | 2500.0 | 2406.0 | M |

Average of Peak Amounts = 2365.1

RPD = 1.88

8 PCB-1260 M

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 1 | 5.996 | 5.996 | 0.000 | 125996858 | 2500.0 | 2466.9 | M |
| 1 | 6.211 | 6.211 | 0.000 | 260766285 | 2500.0 | 2427.6 | M |
| 1 | 6.521 | 6.521 | 0.000 | 302059609 | 2500.0 | 2406.2 | M |
| 1 | 7.226 | 7.228 | -0.002 | 244502543 | 2500.0 | 2422.1 | M |
| 1 | 7.735 | 7.735 | 0.000 | 268936894 | 2500.0 | 2416.2 | M |
| 1 | 8.229 | 8.230 | -0.001 | 566902787 | 2500.0 | 2425.6 | M |
| 1 | 8.961 | 8.960 | 0.001 | 426186386 | 2500.0 | 2435.2 | |
| 1 | 9.978 | 9.979 | -0.001 | 157407607 | 2500.0 | 2430.8 | |

Average of Peak Amounts = 2428.8

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|--|
| 2 | 5.090 | 5.091 | -0.001 | 227869318 | 2500.0 | 2332.2 | |
| 2 | 5.707 | 5.708 | -0.001 | 394937801 | 2500.0 | 2340.0 | |
| 2 | 5.856 | 5.855 | 0.001 | 231805091 | 2500.0 | 2252.8 | |
| 2 | 6.162 | 6.162 | 0.000 | 240471545 | 2500.0 | 2301.7 | |
| 2 | 6.600 | 6.600 | 0.000 | 547674887 | 2500.0 | 2364.7 | |
| 2 | 7.018 | 7.019 | -0.001 | 279865744 | 2500.0 | 2347.5 | |
| 2 | 7.160 | 7.160 | 0.000 | 158480502 | 2500.0 | 2331.9 | |
| 2 | 8.118 | 8.119 | -0.001 | 159946733 | 2500.0 | 2391.1 | |

Average of Peak Amounts = 2332.7

RPD = 4.04

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|-------|-------|--|
| 1 | 10.541 | 10.542 | -0.001 | 340655792 | 200.0 | 197.2 | |
| 2 | 9.069 | 9.070 | -0.001 | 406125262 | 200.0 | 187.4 | |

RPD = 5.09

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 4838.9 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L5_00021

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date: 17-Jun-2016 17:47:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

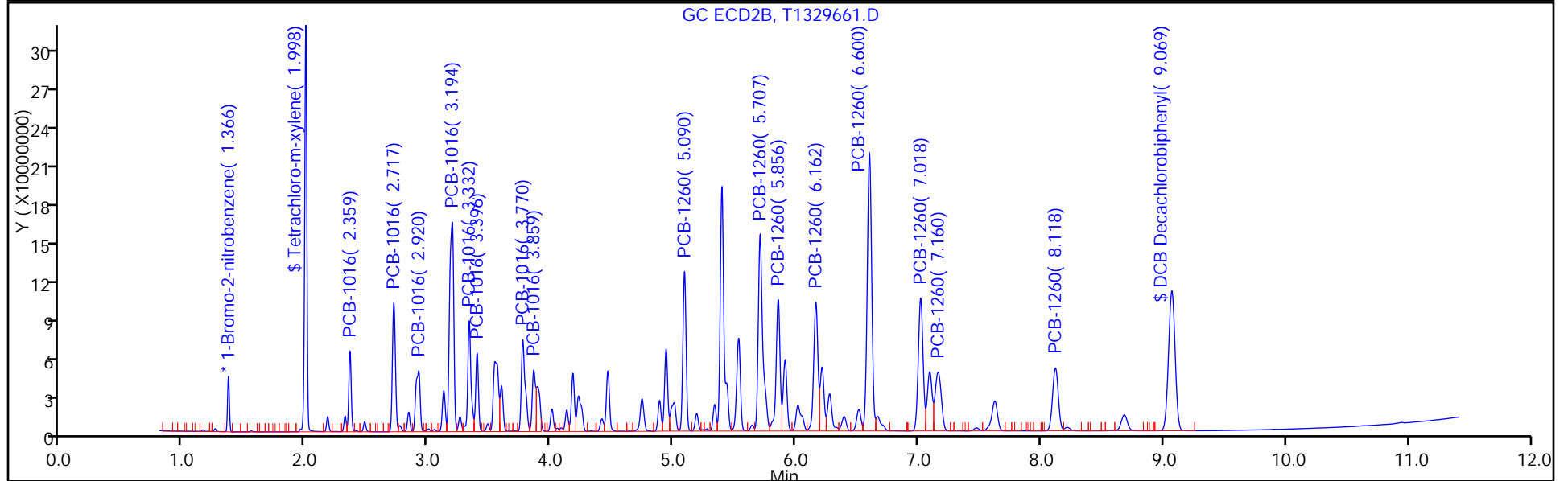
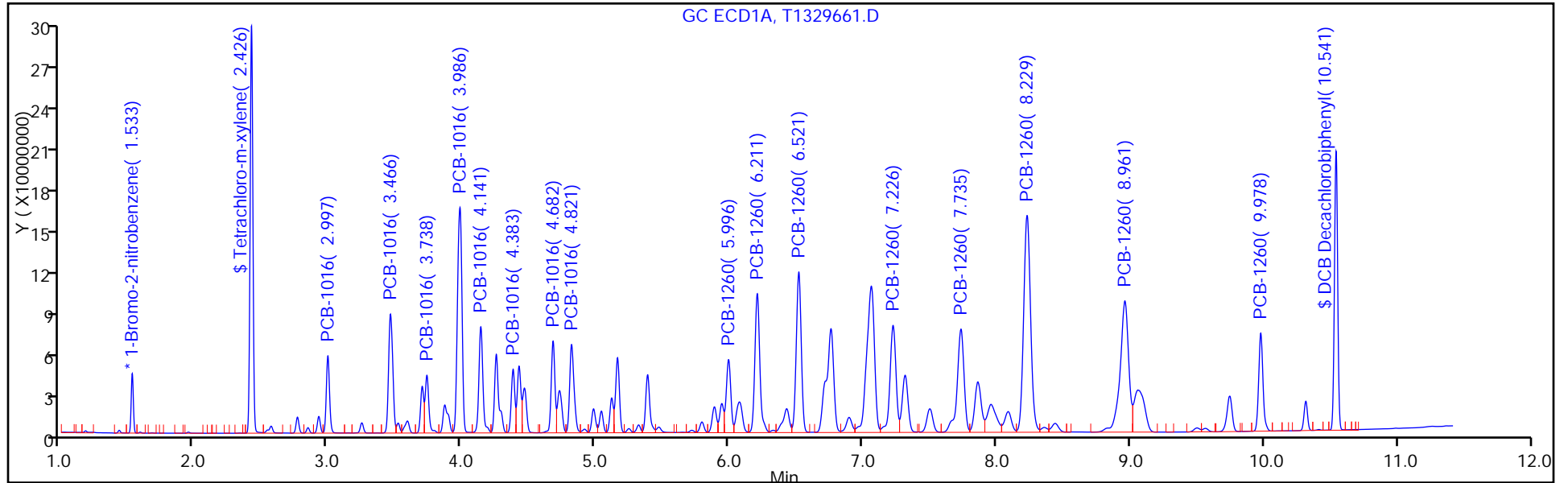
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|-----------------|--------------|
| Level 1 | IC 460-374290/2 | T1329657.D |
| Level 2 | IC 460-374290/3 | T1329658.D |
| Level 3 | IC 460-374290/4 | T1329659.D |
| Level 4 | IC 460-374290/5 | T1329660.D |
| Level 5 | IC 460-374290/6 | T1329661.D |

| ANALYTE | RRF | | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|------------------------|--------|--------|--------|--------|--------|------------|-------------|--------|----|---|---------|------|---|----------|------------|--------|----------------|
| | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 0.0180 | 0.0170 | 0.0166 | 0.0161 | 0.0154 | Ave | | 0.0166 | | | 5.9 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 2 | 0.0331 | 0.0337 | 0.0331 | 0.0317 | 0.0305 | Ave | | 0.0324 | | | 3.9 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 3 | 0.0214 | 0.0224 | 0.0222 | 0.0215 | 0.0207 | Ave | | 0.0216 | | | 3.0 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 4 | 0.0718 | 0.0750 | 0.0738 | 0.0708 | 0.0688 | Ave | | 0.0720 | | | 3.4 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 5 | 0.0289 | 0.0312 | 0.0307 | 0.0294 | 0.0286 | Ave | | 0.0297 | | | 3.8 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 6 | 0.0203 | 0.0187 | 0.0182 | 0.0176 | 0.0171 | Ave | | 0.0184 | | | 6.8 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 7 | 0.0318 | 0.0312 | 0.0304 | 0.0291 | 0.0282 | Ave | | 0.0302 | | | 4.9 | 20.0 | | | | 0.9900 | |
| PCB-1016 Peak 8 | 0.0172 | 0.0170 | 0.0173 | 0.0165 | 0.0162 | Ave | | 0.0168 | | | 2.8 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 1 | 0.0445 | 0.0457 | 0.0445 | 0.0418 | 0.0405 | Ave | | 0.0434 | | | 5.0 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 2 | 0.0769 | 0.0790 | 0.0769 | 0.0718 | 0.0702 | Ave | | 0.0750 | | | 5.0 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 3 | 0.0524 | 0.0472 | 0.0455 | 0.0422 | 0.0412 | Ave | | 0.0457 | | | 9.7 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 4 | 0.0495 | 0.0486 | 0.0472 | 0.0440 | 0.0427 | Ave | | 0.0464 | | | 6.4 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 5 | 0.1039 | 0.1091 | 0.1055 | 0.0986 | 0.0973 | Ave | | 0.1029 | | | 4.8 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 6 | 0.0551 | 0.0557 | 0.0539 | 0.0503 | 0.0497 | Ave | | 0.0530 | | | 5.2 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 7 | 0.0320 | 0.0316 | 0.0306 | 0.0286 | 0.0282 | Ave | | 0.0302 | | | 5.8 | 20.0 | | | | 0.9900 | |
| PCB-1260 Peak 8 | 0.0292 | 0.0320 | 0.0303 | 0.0286 | 0.0284 | Ave | | 0.0297 | | | 4.9 | 20.0 | | | | 0.9900 | |
| Tetrachloro-m-xylene | 0.8542 | 0.9491 | 0.9263 | 0.8755 | 0.8840 | Ave | | 0.8978 | | | 4.3 | 20.0 | | | | 0.9900 | |
| DCB Decachlorobiphenyl | 1.0219 | 1.0369 | 0.9679 | 0.8843 | 0.9019 | Ave | | 0.9626 | | | 7.1 | 20.0 | | | | 0.9900 | |

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

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 16:49 Calibration End Date: 06/17/2016 17:47 Calibration ID: 56314

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|-----------------|--------------|
| Level 1 | IC 460-374290/2 | T1329657.D |
| Level 2 | IC 460-374290/3 | T1329658.D |
| Level 3 | IC 460-374290/4 | T1329659.D |
| Level 4 | IC 460-374290/5 | T1329660.D |
| Level 5 | IC 460-374290/6 | T1329661.D |

| ANALYTE | IS REF | 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 | BNB | Ave | 1988791 | 17601723 | 34355594 | 53669019 | 86409581 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 2 | BNB | Ave | 3657353 | 34892704 | 68566680 | 105872731 | 171845426 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 3 | BNB | Ave | 2367984 | 23176089 | 45996304 | 71727205 | 116753415 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 4 | BNB | Ave | 7940401 | 77741733 | 152704226 | 236399127 | 387264464 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 5 | BNB | Ave | 3200676 | 32344176 | 63513802 | 98100029 | 160787056 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 6 | BNB | Ave | 2246628 | 19359269 | 37762753 | 58728292 | 96036359 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 7 | BNB | Ave | 3519821 | 32387214 | 62884821 | 97272346 | 158885557 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1016 Peak 8 | BNB | Ave | 1898528 | 17647110 | 35788067 | 55039601 | 91159231 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 1 | BNB | Ave | 4924424 | 47388823 | 92114022 | 139556499 | 227869318 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 2 | BNB | Ave | 8504377 | 81964387 | 159150615 | 239956000 | 394937801 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 3 | BNB | Ave | 5791258 | 48990909 | 94149722 | 141095517 | 231805091 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 4 | BNB | Ave | 5479148 | 50430467 | 97649532 | 146837674 | 240471545 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 5 | BNB | Ave | 11492180 | 113178484 | 218244310 | 329230507 | 547674887 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 6 | BNB | Ave | 6090276 | 57795127 | 111607561 | 168116758 | 279865744 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 7 | BNB | Ave | 3541594 | 32722825 | 63382803 | 95473729 | 158480502 | 50.0 | 500 | 1000 | 1500 | 2500 |
| PCB-1260 Peak 8 | BNB | Ave | 3234769 | 33169855 | 62634427 | 95699032 | 159946733 | 50.0 | 500 | 1000 | 1500 | 2500 |
| Tetrachloro-m-xylene | BNB | Ave | 23622105 | 98412532 | 191717609 | 292476987 | 398057397 | 12.5 | 50.0 | 100 | 150 | 200 |
| DCB Decachlorobiphenyl | BNB | Ave | 28261365 | 107515159 | 200322733 | 295435713 | 406125262 | 12.5 | 50.0 | 100 | 150 | 200 |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D
 Lims ID: IC PCB 1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 17-Jun-2016 16:49:49 ALS Bottle#: 3 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-002
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:10:51 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:17

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 1.533 | 1.534 | -0.001 | 52132508 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.368 | -0.001 | 44247020 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 2.425 | 2.426 | -0.001 | 28223476 | 12.5 | 12.3 | |
| 2 | 1.998 | 1.999 | -0.001 | 23622105 | 12.5 | 11.9 | |
| | | | | | | RPD = 3.23 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|---------|------|------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 2383471 | 50.0 | 55.6 | |
| 1 | 3.466 | 3.465 | 0.001 | 4450942 | 50.0 | 52.8 | |
| 1 | 3.743 | 3.738 | 0.005 | 2265887 | 50.0 | 61.7 | M |
| 1 | 3.985 | 3.985 | 0.000 | 9187173 | 50.0 | 53.4 | |
| 1 | 4.142 | 4.142 | 0.000 | 4013840 | 50.0 | 55.3 | M |
| 1 | 4.382 | 4.384 | -0.002 | 1851014 | 50.0 | 49.6 | |
| 1 | 4.682 | 4.684 | -0.002 | 3145812 | 50.0 | 54.3 | |
| 1 | 4.822 | 4.822 | 0.000 | 3235444 | 50.0 | 50.5 | M |

Average of Peak Amounts = 54.2

| | | | | | | | |
|---|-------|-------|--------|---------|------|------|--|
| 2 | 2.360 | 2.360 | 0.000 | 1988791 | 50.0 | 54.2 | |
| 2 | 2.717 | 2.718 | -0.001 | 3657353 | 50.0 | 51.0 | |
| 2 | 2.922 | 2.921 | 0.001 | 2367984 | 50.0 | 49.5 | |
| 2 | 3.193 | 3.194 | -0.001 | 7940401 | 50.0 | 49.8 | |
| 2 | 3.332 | 3.333 | -0.001 | 3200676 | 50.0 | 48.6 | |
| 2 | 3.397 | 3.397 | 0.000 | 2246628 | 50.0 | 55.3 | |
| 2 | 3.769 | 3.770 | -0.001 | 3519821 | 50.0 | 52.8 | |
| 2 | 3.859 | 3.860 | -0.001 | 1898528 | 50.0 | 51.0 | |

Average of Peak Amounts = 51.5

RPD = 5.02

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 2696008 | 50.0 | 48.9 | |
| 1 | 6.209 | 6.211 | -0.002 | 5939775 | 50.0 | 51.2 | |
| 1 | 6.520 | 6.521 | -0.001 | 6940606 | 50.0 | 51.2 | M |
| 1 | 7.225 | 7.228 | -0.003 | 5368130 | 50.0 | 49.3 | M |
| 1 | 7.734 | 7.735 | -0.001 | 6106642 | 50.0 | 50.8 | |
| 1 | 8.230 | 8.230 | 0.000 | 12678163 | 50.0 | 50.3 | |
| 1 | 8.962 | 8.960 | 0.002 | 9853674 | 50.0 | 52.2 | |
| 1 | 9.979 | 9.979 | 0.000 | 3636685 | 50.0 | 52.0 | |

Average of Peak Amounts = 50.7

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|---|
| 2 | 5.090 | 5.091 | -0.001 | 4924424 | 50.0 | 51.3 | M |
| 2 | 5.707 | 5.708 | -0.001 | 8504377 | 50.0 | 51.3 | M |
| 2 | 5.855 | 5.855 | 0.000 | 5791258 | 50.0 | 57.3 | M |
| 2 | 6.161 | 6.162 | -0.001 | 5479148 | 50.0 | 53.4 | M |
| 2 | 6.599 | 6.600 | -0.001 | 11492180 | 50.0 | 50.5 | M |
| 2 | 7.017 | 7.019 | -0.002 | 6090276 | 50.0 | 52.0 | M |
| 2 | 7.159 | 7.160 | -0.001 | 3541594 | 50.0 | 53.0 | M |
| 2 | 8.120 | 8.119 | 0.001 | 3234769 | 50.0 | 49.2 | |

Average of Peak Amounts = 52.2

RPD = 2.92

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|----------|------|------|---|
| | | | | | | | M |
| 1 | 10.541 | 10.542 | -0.001 | 23654358 | 12.5 | 12.7 | M |
| 2 | 9.067 | 9.070 | -0.003 | 28261365 | 12.5 | 13.3 | |

RPD = 4.50

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|-------|--|
| 1 | | | | | | 104.9 | |
|---|--|--|--|--|--|-------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660(LVI)L1_00009

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329657.D

Injection Date: 17-Jun-2016 16:49:49

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 1

Worklist Smp#: 2

Client ID:

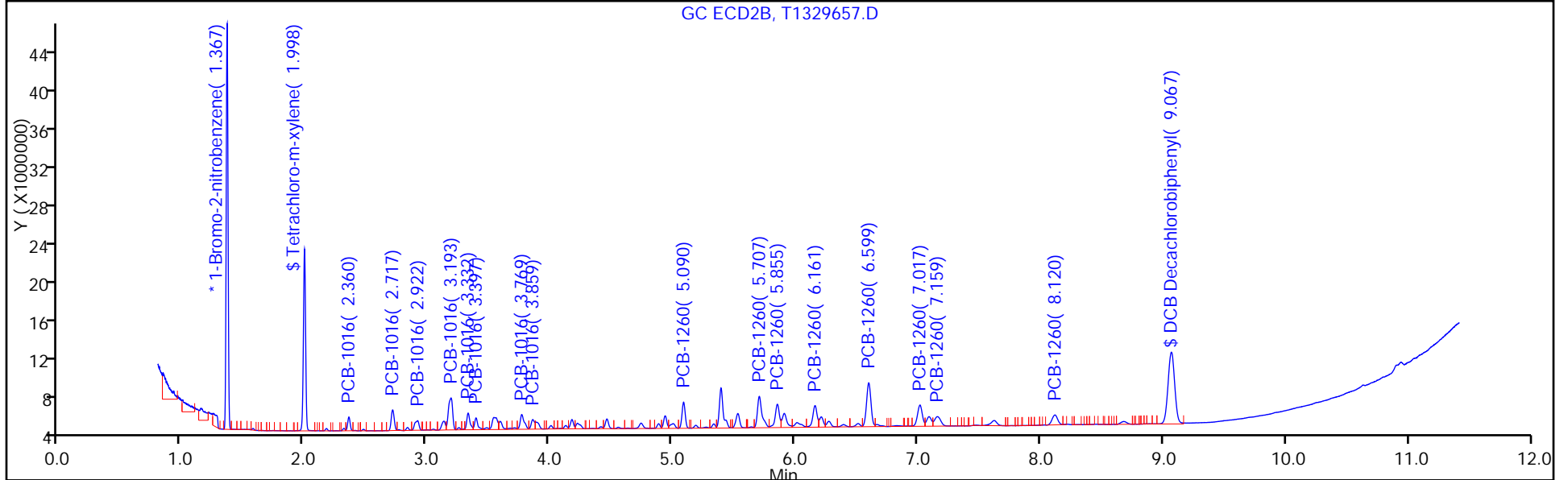
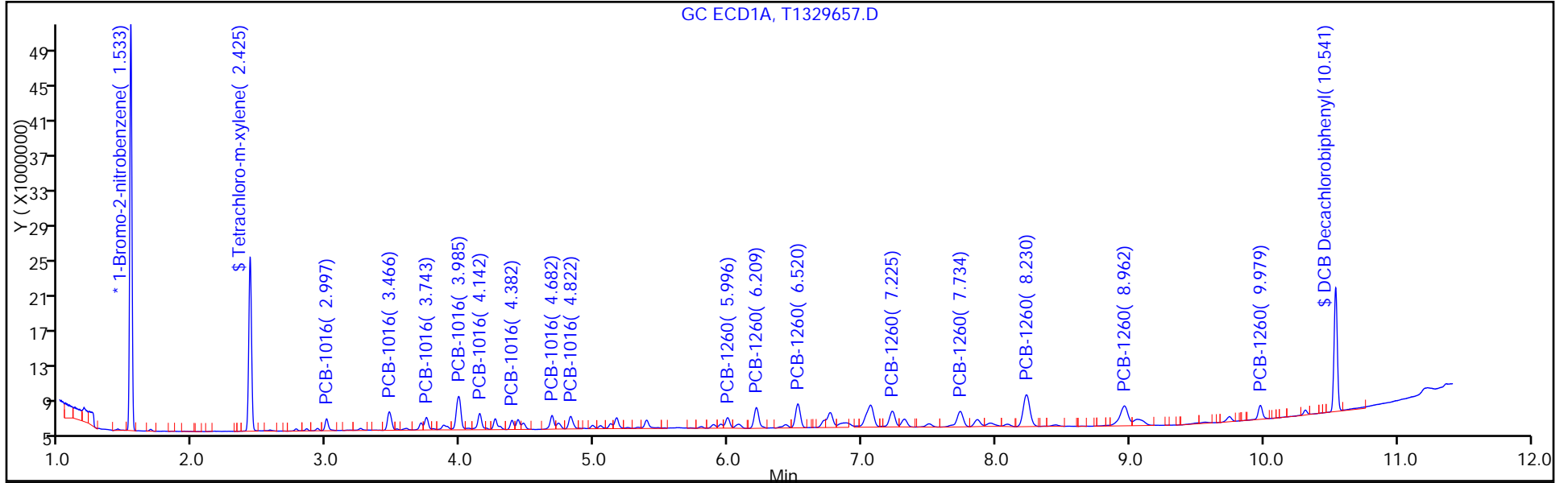
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D
 Lims ID: IC PCB 2
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 17-Jun-2016 17:04:19 ALS Bottle#: 4 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-003
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:00 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:11

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48810751 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.368 | -0.001 | 41476835 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|------|------------|--|
| 1 | 2.426 | 2.426 | 0.000 | 111178386 | 50.0 | 51.7 | |
| 2 | 1.998 | 1.999 | -0.001 | 98412532 | 50.0 | 52.9 | |
| | | | | | | RPD = 2.25 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 19947747 | 500.0 | 497.1 | |
| 1 | 3.466 | 3.465 | 0.001 | 39847649 | 500.0 | 504.8 | M |
| 1 | 3.738 | 3.738 | 0.000 | 16821854 | 500.0 | 489.4 | M |
| 1 | 3.985 | 3.985 | 0.000 | 80280216 | 500.0 | 498.4 | M |
| 1 | 4.142 | 4.142 | 0.000 | 33578572 | 500.0 | 494.4 | M |
| 1 | 4.383 | 4.384 | -0.001 | 17797798 | 500.0 | 509.8 | M |
| 1 | 4.683 | 4.684 | -0.001 | 26928358 | 500.0 | 496.7 | M |
| 1 | 4.821 | 4.822 | -0.001 | 30040601 | 500.0 | 501.0 | M |

Average of Peak Amounts = 498.9

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| 2 | 2.360 | 2.360 | 0.000 | 17601723 | 500.0 | 511.5 | |
| 2 | 2.717 | 2.718 | -0.001 | 34892704 | 500.0 | 519.1 | |
| 2 | 2.921 | 2.921 | 0.000 | 23176089 | 500.0 | 516.4 | |
| 2 | 3.194 | 3.194 | 0.000 | 77741733 | 500.0 | 520.5 | M |
| 2 | 3.333 | 3.333 | 0.000 | 32344176 | 500.0 | 524.3 | M |
| 2 | 3.397 | 3.397 | 0.000 | 19359269 | 500.0 | 508.1 | M |
| 2 | 3.771 | 3.770 | 0.001 | 32387214 | 500.0 | 517.9 | M |
| 2 | 3.861 | 3.860 | 0.001 | 17647110 | 500.0 | 505.6 | M |

Average of Peak Amounts = 515.4

RPD = 3.25

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 26169828 | 500.0 | 507.0 | |
| 1 | 6.211 | 6.211 | 0.000 | 54445319 | 500.0 | 501.6 | |
| 1 | 6.521 | 6.521 | 0.000 | 64474128 | 500.0 | 508.2 | |
| 1 | 7.226 | 7.228 | -0.002 | 52790602 | 500.0 | 517.5 | |
| 1 | 7.735 | 7.735 | 0.000 | 57153947 | 500.0 | 508.1 | |
| 1 | 8.231 | 8.230 | 0.001 | 120701616 | 500.0 | 511.1 | |
| 1 | 8.962 | 8.960 | 0.002 | 90244352 | 500.0 | 510.3 | |
| 1 | 9.976 | 9.979 | -0.003 | 33015803 | 500.0 | 504.5 | |

Average of Peak Amounts = 508.5

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|---|
| 2 | 5.090 | 5.091 | -0.001 | 47388823 | 500.0 | 526.6 | M |
| 2 | 5.707 | 5.708 | -0.001 | 81964387 | 500.0 | 527.2 | M |
| 2 | 5.855 | 5.855 | 0.000 | 48990909 | 500.0 | 516.9 | M |
| 2 | 6.162 | 6.162 | 0.000 | 50430467 | 500.0 | 524.0 | M |
| 2 | 6.600 | 6.600 | 0.000 | 113178484 | 500.0 | 530.5 | M |
| 2 | 7.017 | 7.019 | -0.002 | 57795127 | 500.0 | 526.3 | |
| 2 | 7.161 | 7.160 | 0.001 | 32722825 | 500.0 | 522.7 | |
| 2 | 8.119 | 8.119 | 0.000 | 33169855 | 500.0 | 538.3 | |

Average of Peak Amounts = 526.6

RPD = 3.48

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|------|------|---|
| | | | | | | | M |
| 1 | 10.535 | 10.542 | -0.007 | 89311814 | 50.0 | 51.2 | M |
| 2 | 9.070 | 9.070 | 0.000 | 107515159 | 50.0 | 53.9 | |

RPD = 5.14

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 1007.5 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L2_00022

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329658.D

Injection Date: 17-Jun-2016 17:04:19

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 2

Worklist Smp#: 3

Client ID:

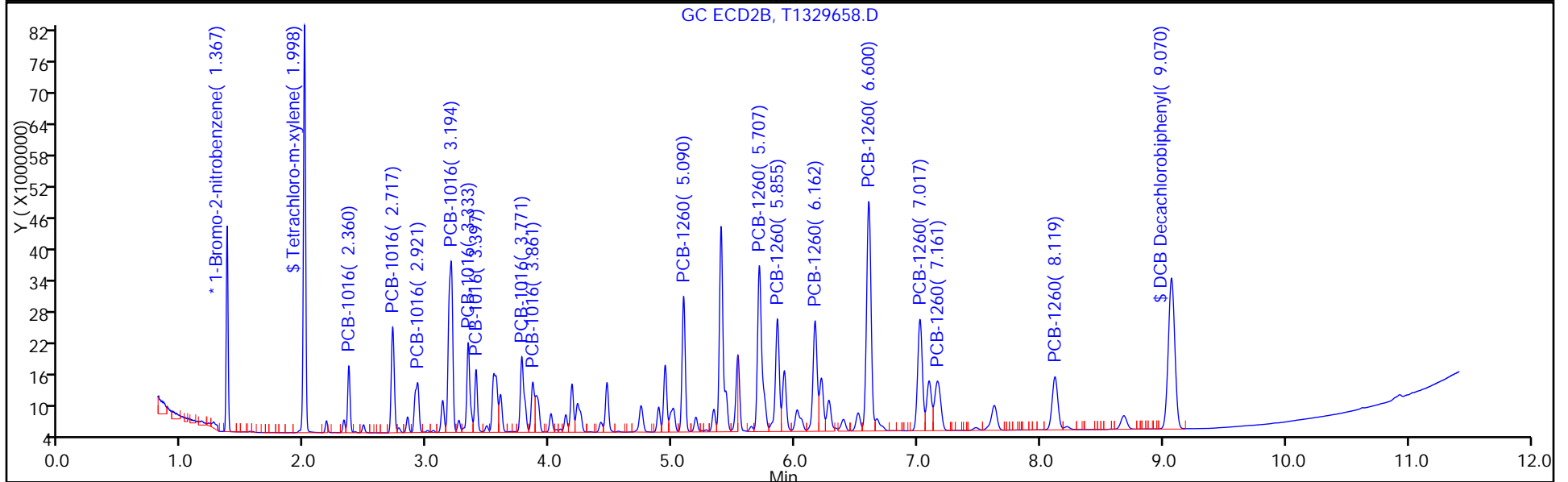
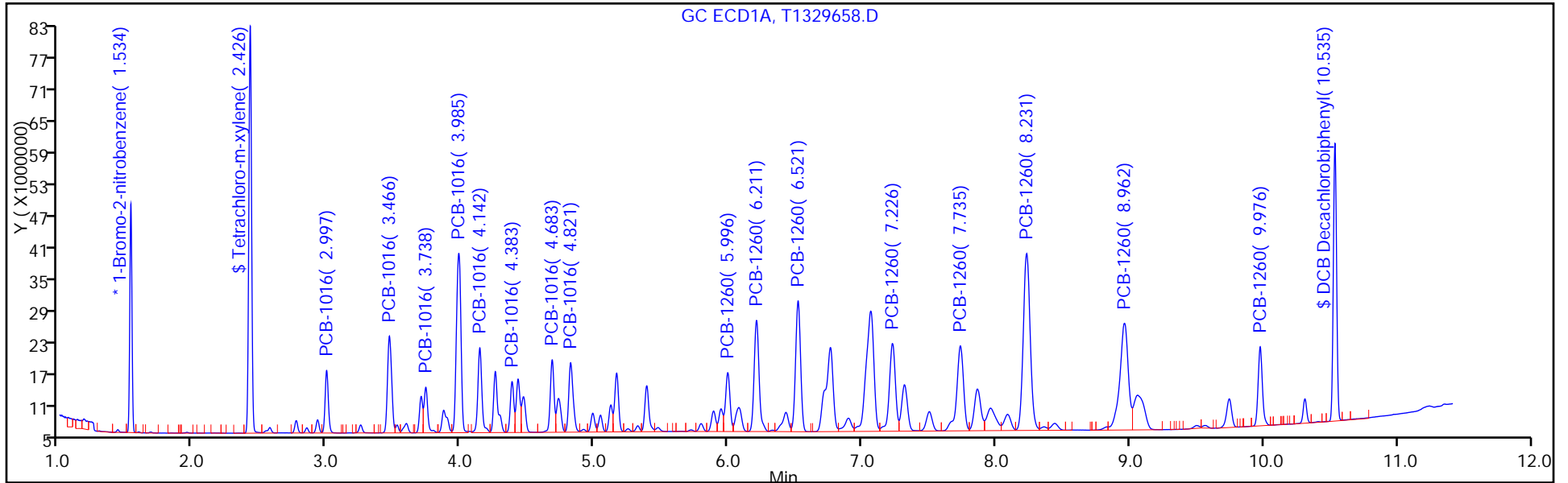
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D
 Lims ID: IC PCB 3
 Client ID:
 Sample Type: ICRT Calib Level: 3
 Inject. Date: 17-Jun-2016 17:18:51 ALS Bottle#: 5 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-004
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:10 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:14:07

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 47612772 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 41392687 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|-------|-----------|-------|------------|--|
| 1 | 2.426 | 2.426 | 0.000 | 206845811 | 100.0 | 98.6 | |
| 2 | 1.999 | 1.999 | 0.000 | 191717609 | 100.0 | 103.2 | |
| | | | | | | RPD = 4.57 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.998 | 2.998 | 0.000 | 37214464 | 1000.0 | 950.8 | |
| 1 | 3.465 | 3.465 | 0.000 | 75127788 | 1000.0 | 975.6 | |
| 1 | 3.738 | 3.738 | 0.000 | 29679246 | 1000.0 | 885.1 | |
| 1 | 3.985 | 3.985 | 0.000 | 152282244 | 1000.0 | 969.1 | |
| 1 | 4.142 | 4.142 | 0.000 | 63515995 | 1000.0 | 958.8 | |
| 1 | 4.384 | 4.384 | 0.000 | 33548865 | 1000.0 | 985.1 | |
| 1 | 4.684 | 4.684 | 0.000 | 51363153 | 1000.0 | 971.2 | |
| 1 | 4.822 | 4.822 | 0.000 | 57737690 | 1000.0 | 987.2 | |

Average of Peak Amounts = 960.4

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 34355594 | 1000.0 | 1000.3 | |
| 2 | 2.718 | 2.718 | 0.000 | 68566680 | 1000.0 | 1022.1 | |
| 2 | 2.921 | 2.921 | 0.000 | 45996304 | 1000.0 | 1027.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 152704226 | 1000.0 | 1024.5 | M |
| 2 | 3.333 | 3.333 | 0.000 | 63513802 | 1000.0 | 1031.6 | M |
| 2 | 3.397 | 3.397 | 0.000 | 37762753 | 1000.0 | 993.1 | M |
| 2 | 3.770 | 3.770 | 0.000 | 62884821 | 1000.0 | 1007.6 | M |
| 2 | 3.860 | 3.860 | 0.000 | 35788067 | 1000.0 | 1027.5 | M |

Average of Peak Amounts = 1016.7

RPD = 5.70

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|--|
| 1 | 5.996 | 5.996 | 0.000 | 50827089 | 1000.0 | 1009.5 | |
| 1 | 6.211 | 6.211 | 0.000 | 106245724 | 1000.0 | 1003.4 | |
| 1 | 6.521 | 6.521 | 0.000 | 124113120 | 1000.0 | 1003.0 | |
| 1 | 7.228 | 7.228 | 0.000 | 100581197 | 1000.0 | 1010.8 | |
| 1 | 7.735 | 7.735 | 0.000 | 110461120 | 1000.0 | 1006.7 | |
| 1 | 8.230 | 8.230 | 0.000 | 232150751 | 1000.0 | 1007.7 | |
| 1 | 8.960 | 8.960 | 0.000 | 170793787 | 1000.0 | 990.0 | |
| 1 | 9.979 | 9.979 | 0.000 | 63183426 | 1000.0 | 989.8 | |

Average of Peak Amounts = 1002.6

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 5.091 | 5.091 | 0.000 | 92114022 | 1000.0 | 1025.6 | M |
| 2 | 5.708 | 5.708 | 0.000 | 159150615 | 1000.0 | 1025.8 | M |
| 2 | 5.855 | 5.855 | 0.000 | 94149722 | 1000.0 | 995.4 | M |
| 2 | 6.162 | 6.162 | 0.000 | 97649532 | 1000.0 | 1016.7 | M |
| 2 | 6.600 | 6.600 | 0.000 | 218244310 | 1000.0 | 1025.1 | M |
| 2 | 7.019 | 7.019 | 0.000 | 111607561 | 1000.0 | 1018.4 | M |
| 2 | 7.160 | 7.160 | 0.000 | 63382803 | 1000.0 | 1014.5 | M |
| 2 | 8.119 | 8.119 | 0.000 | 62634427 | 1000.0 | 1018.6 | M |

Average of Peak Amounts = 1017.5

RPD = 1.48

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.542 | 10.542 | 0.000 | 171272113 | 100.0 | 100.6 | |
| 2 | 9.070 | 9.070 | 0.000 | 200322733 | 100.0 | 100.6 | |

RPD = 0.02

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00028

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329659.D

Injection Date: 17-Jun-2016 17:18:51

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 3

Worklist Smp#: 4

Client ID:

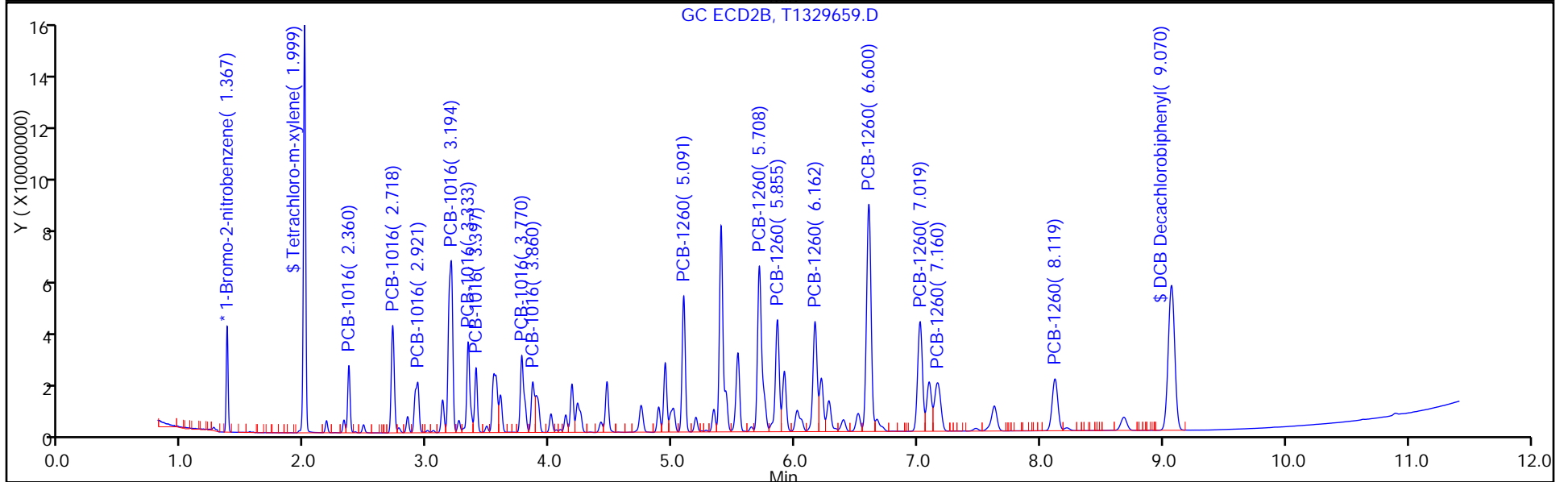
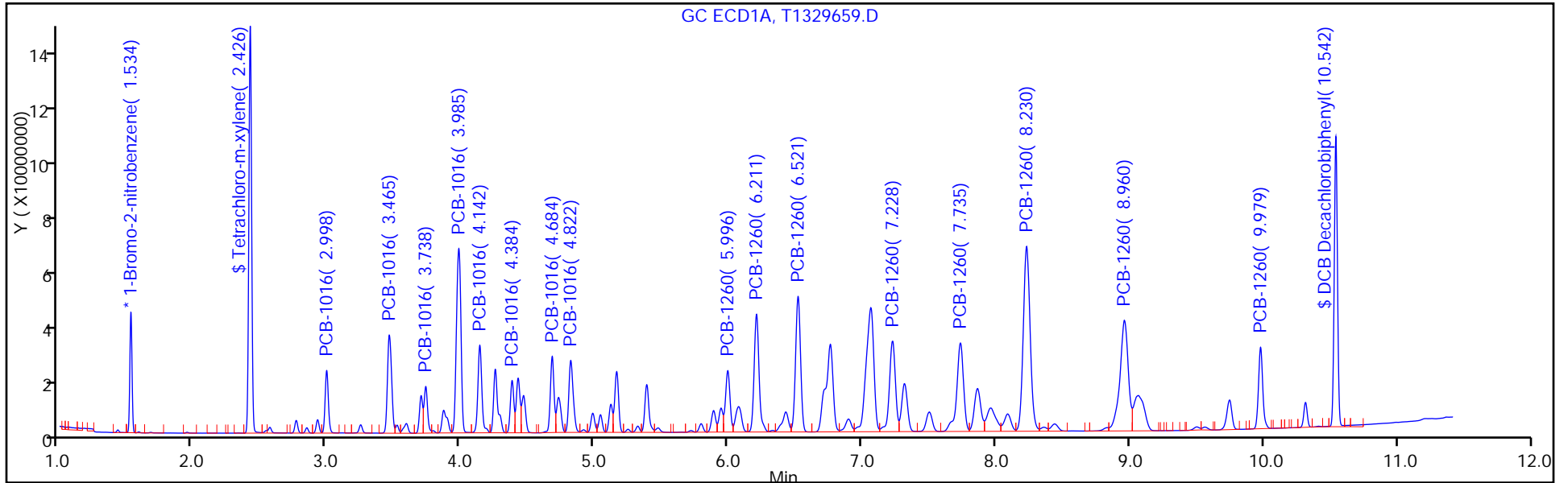
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 5

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D
 Lims ID: IC PCB 4
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 17-Jun-2016 17:33:23 ALS Bottle#: 6 Worklist Smp#: 5
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-005
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:18 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:27

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48114337 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 44543070 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|-------|-----------|-------|------------|--|
| 1 | 2.426 | 2.426 | 0.000 | 316646455 | 150.0 | 149.3 | |
| 2 | 1.999 | 1.999 | 0.000 | 292476987 | 150.0 | 146.3 | |
| | | | | | | RPD = 2.06 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 58856970 | 1500.0 | 1488.0 | |
| 1 | 3.466 | 3.465 | 0.001 | 116217693 | 1500.0 | 1493.5 | |
| 1 | 3.739 | 3.738 | 0.001 | 48670211 | 1500.0 | 1436.4 | M |
| 1 | 3.986 | 3.985 | 0.001 | 237555906 | 1500.0 | 1496.0 | M |
| 1 | 4.142 | 4.142 | 0.000 | 99201310 | 1500.0 | 1481.9 | M |
| 1 | 4.384 | 4.384 | 0.000 | 52581109 | 1500.0 | 1527.8 | M |
| 1 | 4.683 | 4.684 | -0.001 | 79442295 | 1500.0 | 1486.4 | M |
| 1 | 4.821 | 4.822 | -0.001 | 89996046 | 1500.0 | 1522.7 | M |

Average of Peak Amounts = 1491.6

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 53669019 | 1500.0 | 1452.2 | |
| 2 | 2.717 | 2.718 | -0.001 | 105872731 | 1500.0 | 1466.6 | M |
| 2 | 2.920 | 2.921 | -0.001 | 71727205 | 1500.0 | 1488.3 | M |
| 2 | 3.194 | 3.194 | 0.000 | 236399127 | 1500.0 | 1473.8 | M |
| 2 | 3.332 | 3.333 | -0.001 | 98100029 | 1500.0 | 1480.6 | M |
| 2 | 3.396 | 3.397 | -0.001 | 58728292 | 1500.0 | 1435.2 | M |
| 2 | 3.771 | 3.770 | 0.001 | 97272346 | 1500.0 | 1448.3 | M |
| 2 | 3.860 | 3.860 | 0.000 | 55039601 | 1500.0 | 1468.5 | M |

Average of Peak Amounts = 1464.2

RPD = 1.85

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 77203552 | 1500.0 | 1517.4 | M |
| 1 | 6.211 | 6.211 | 0.000 | 160164329 | 1500.0 | 1496.8 | M |
| 1 | 6.521 | 6.521 | 0.000 | 186376539 | 1500.0 | 1490.4 | M |
| 1 | 7.226 | 7.228 | -0.002 | 150841048 | 1500.0 | 1500.0 | M |
| 1 | 7.736 | 7.735 | 0.001 | 165302329 | 1500.0 | 1490.9 | M |
| 1 | 8.231 | 8.230 | 0.001 | 347385866 | 1500.0 | 1492.1 | M |
| 1 | 8.964 | 8.960 | 0.004 | 254181707 | 1500.0 | 1458.0 | M |
| 1 | 9.979 | 9.979 | 0.000 | 95617467 | 1500.0 | 1482.3 | |

Average of Peak Amounts = 1491.0

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 5.090 | 5.091 | -0.001 | 139556499 | 1500.0 | 1443.9 | M |
| 2 | 5.707 | 5.708 | -0.001 | 239956000 | 1500.0 | 1437.2 | M |
| 2 | 5.855 | 5.855 | 0.000 | 141095517 | 1500.0 | 1386.2 | M |
| 2 | 6.162 | 6.162 | 0.000 | 146837674 | 1500.0 | 1420.8 | M |
| 2 | 6.601 | 6.600 | 0.001 | 329230507 | 1500.0 | 1437.0 | M |
| 2 | 7.019 | 7.019 | 0.000 | 168116758 | 1500.0 | 1425.5 | M |
| 2 | 7.161 | 7.160 | 0.001 | 95473729 | 1500.0 | 1420.1 | M |
| 2 | 8.119 | 8.119 | 0.000 | 95699032 | 1500.0 | 1446.2 | |

Average of Peak Amounts = 1427.1

RPD = 4.38

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.542 | 10.542 | 0.000 | 250450560 | 150.0 | 145.5 | |
| 2 | 9.070 | 9.070 | 0.000 | 295435713 | 150.0 | 137.8 | |

RPD = 5.46

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 2982.6 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L4_00021

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329660.D

Injection Date: 17-Jun-2016 17:33:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 4

Worklist Smp#: 5

Client ID:

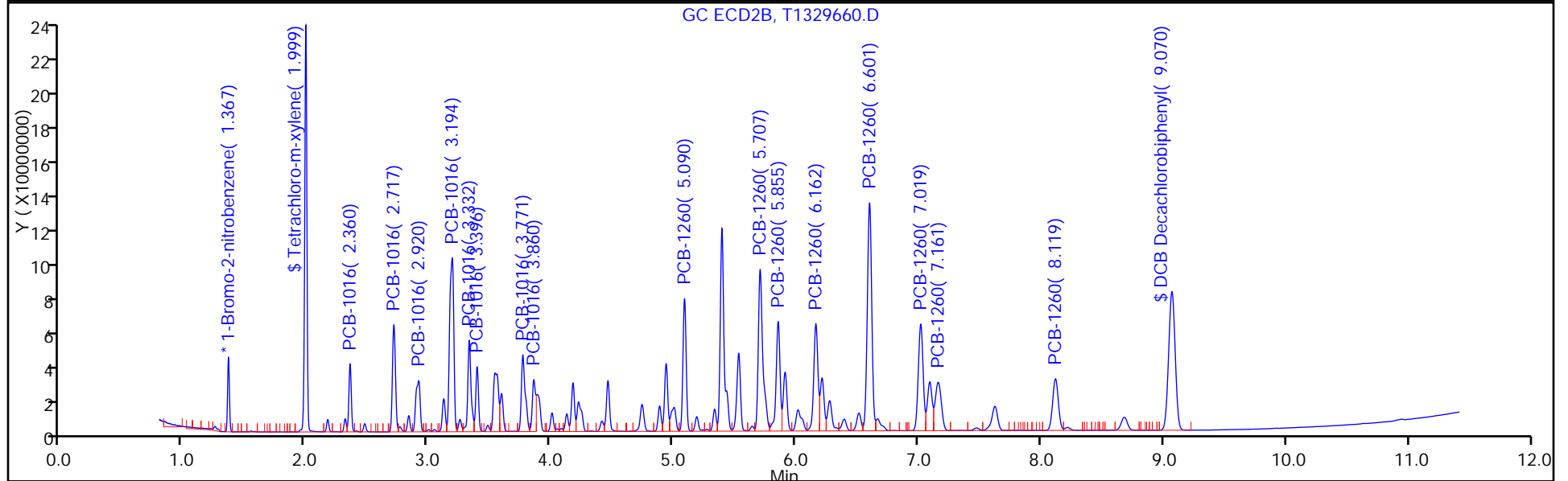
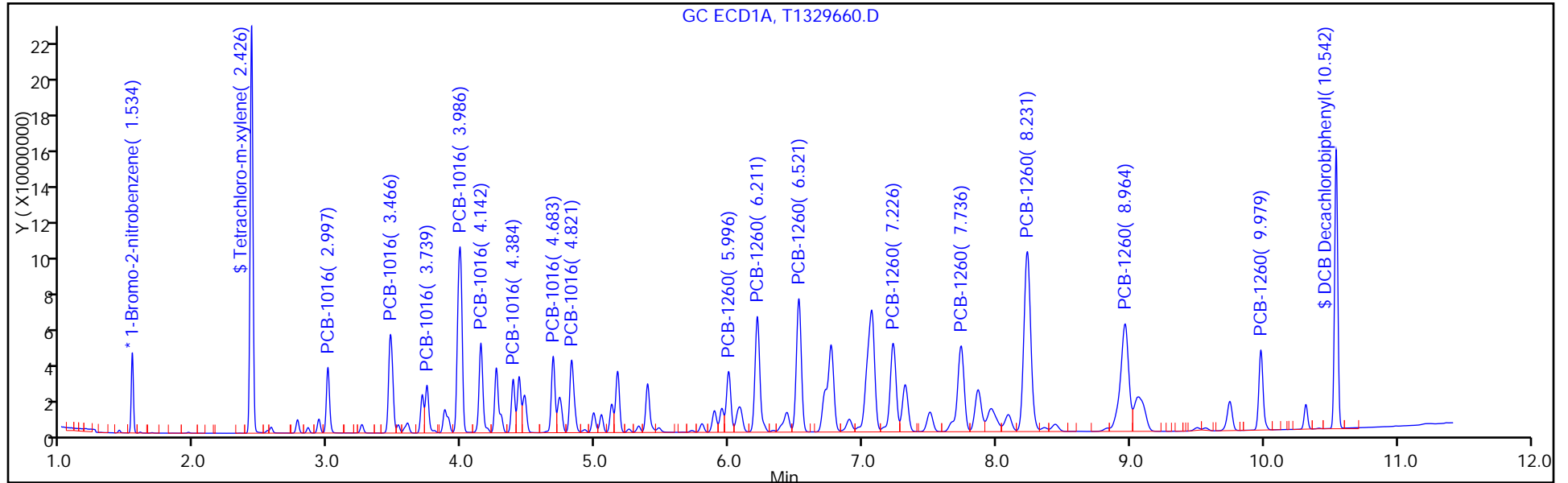
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 6

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D
 Lims ID: IC PCB 5
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 17-Jun-2016 17:47:54 ALS Bottle#: 7 Worklist Smp#: 6
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-006
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:36

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|------------|
| 1 | 1.533 | 1.534 | -0.001 | 48300680 | 20.0 | 20.0 | |
| 2 | 1.366 | 1.367 | -0.001 | 45028249 | 20.0 | 20.0 | |
| | | | | | | | RPD = 0.00 |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|------------|
| 1 | 2.426 | 2.426 | 0.000 | 426956448 | 200.0 | 200.6 | M |
| 2 | 1.998 | 1.999 | -0.001 | 398057397 | 200.0 | 196.9 | M |
| | | | | | | | RPD = 1.83 |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 2.997 | 2.998 | -0.001 | 94368056 | 2500.0 | 2376.6 | |
| 1 | 3.466 | 3.465 | 0.001 | 188148070 | 2500.0 | 2408.5 | |
| 1 | 3.738 | 3.738 | 0.000 | 80291841 | 2500.0 | 2360.5 | M |
| 1 | 3.986 | 3.985 | 0.001 | 386108517 | 2500.0 | 2422.2 | M |
| 1 | 4.141 | 4.142 | -0.001 | 160901993 | 2500.0 | 2394.3 | M |
| 1 | 4.383 | 4.384 | -0.001 | 84995899 | 2500.0 | 2460.2 | M |
| 1 | 4.682 | 4.684 | -0.002 | 128519270 | 2500.0 | 2395.4 | M |
| 1 | 4.821 | 4.822 | -0.001 | 146139896 | 2500.0 | 2463.1 | M |

Average of Peak Amounts = 2410.1

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.359 | 2.360 | -0.001 | 86409581 | 2500.0 | 2312.9 | M |
| 2 | 2.717 | 2.718 | -0.001 | 171845426 | 2500.0 | 2354.8 | M |
| 2 | 2.920 | 2.921 | -0.001 | 116753415 | 2500.0 | 2396.5 | M |
| 2 | 3.194 | 3.194 | 0.000 | 387264464 | 2500.0 | 2388.3 | M |
| 2 | 3.332 | 3.333 | -0.001 | 160787056 | 2500.0 | 2400.6 | M |
| 2 | 3.396 | 3.397 | -0.001 | 96036359 | 2500.0 | 2321.6 | M |
| 2 | 3.770 | 3.770 | 0.000 | 158885557 | 2500.0 | 2340.2 | M |
| 2 | 3.859 | 3.860 | -0.001 | 91159231 | 2500.0 | 2406.0 | M |

Average of Peak Amounts = 2365.1

RPD = 1.88

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 125996858 | 2500.0 | 2466.9 | M |
| 1 | 6.211 | 6.211 | 0.000 | 260766285 | 2500.0 | 2427.6 | M |
| 1 | 6.521 | 6.521 | 0.000 | 302059609 | 2500.0 | 2406.2 | M |
| 1 | 7.226 | 7.228 | -0.002 | 244502543 | 2500.0 | 2422.1 | M |
| 1 | 7.735 | 7.735 | 0.000 | 268936894 | 2500.0 | 2416.2 | M |
| 1 | 8.229 | 8.230 | -0.001 | 566902787 | 2500.0 | 2425.6 | M |
| 1 | 8.961 | 8.960 | 0.001 | 426186386 | 2500.0 | 2435.2 | |
| 1 | 9.978 | 9.979 | -0.001 | 157407607 | 2500.0 | 2430.8 | |

Average of Peak Amounts = 2428.8

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|--|
| 2 | 5.090 | 5.091 | -0.001 | 227869318 | 2500.0 | 2332.2 | |
| 2 | 5.707 | 5.708 | -0.001 | 394937801 | 2500.0 | 2340.0 | |
| 2 | 5.856 | 5.855 | 0.001 | 231805091 | 2500.0 | 2252.8 | |
| 2 | 6.162 | 6.162 | 0.000 | 240471545 | 2500.0 | 2301.7 | |
| 2 | 6.600 | 6.600 | 0.000 | 547674887 | 2500.0 | 2364.7 | |
| 2 | 7.018 | 7.019 | -0.001 | 279865744 | 2500.0 | 2347.5 | |
| 2 | 7.160 | 7.160 | 0.000 | 158480502 | 2500.0 | 2331.9 | |
| 2 | 8.118 | 8.119 | -0.001 | 159946733 | 2500.0 | 2391.1 | |

Average of Peak Amounts = 2332.7

RPD = 4.04

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|-------|-------|--|
| 1 | 10.541 | 10.542 | -0.001 | 340655792 | 200.0 | 197.2 | |
| 2 | 9.069 | 9.070 | -0.001 | 406125262 | 200.0 | 187.4 | |

RPD = 5.09

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 4838.9 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L5_00021

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329661.D

Injection Date: 17-Jun-2016 17:47:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC PCB 5

Worklist Smp#: 6

Client ID:

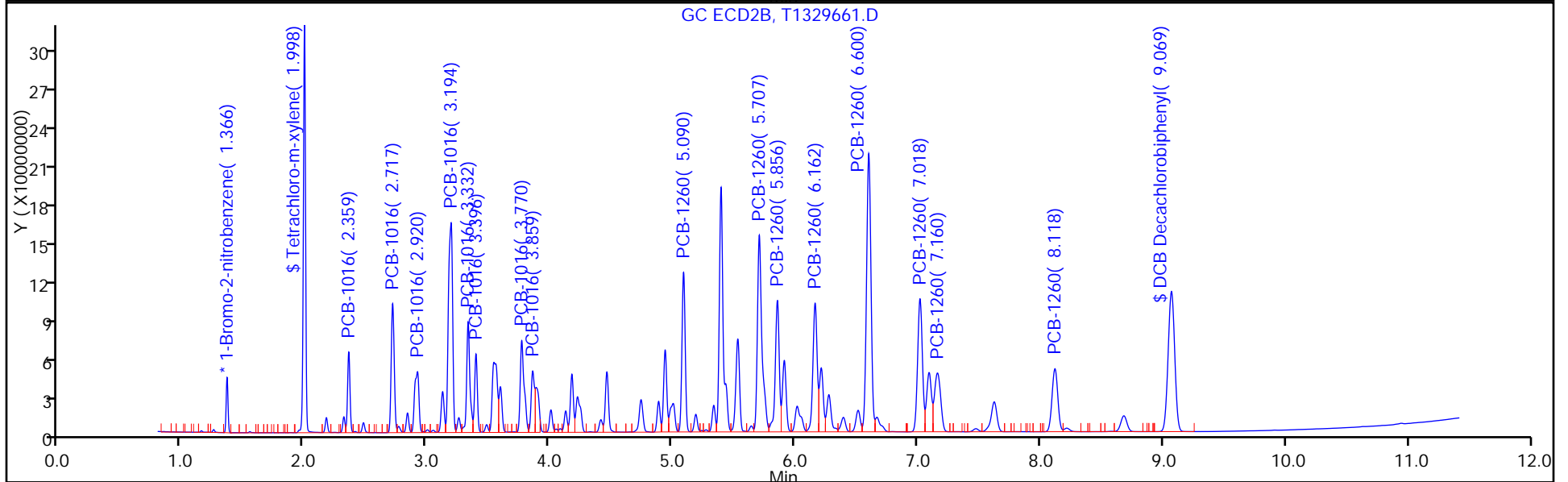
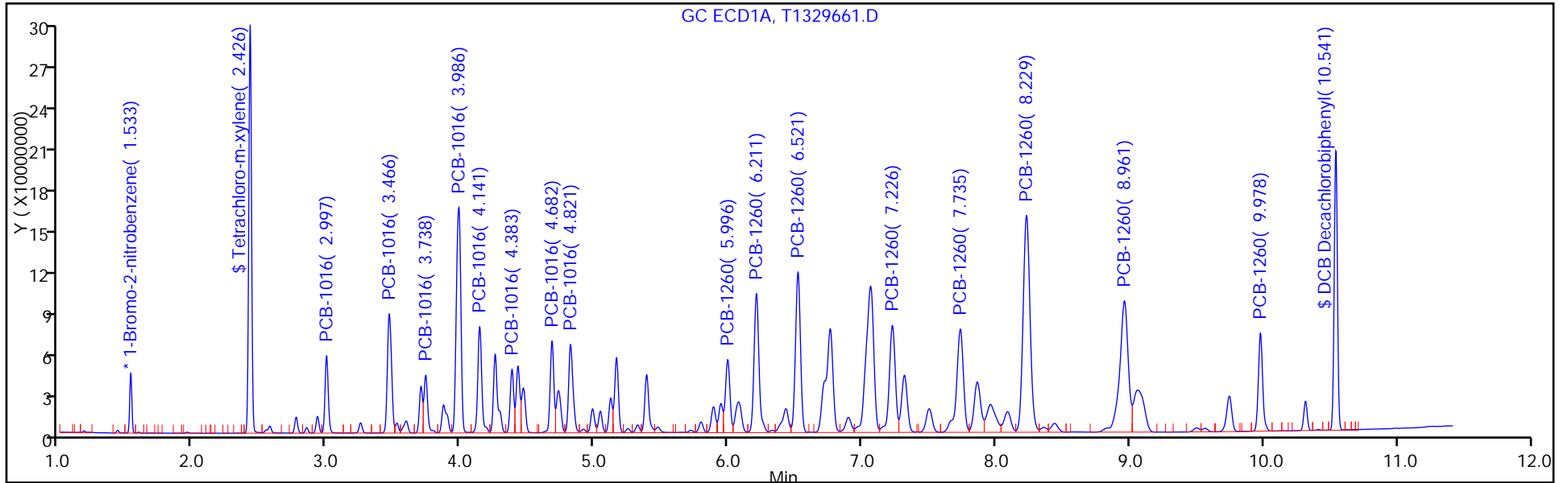
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 7

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/8 | T1329663.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 0.0065 | | | | Ave | | 0.0065 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 2 | 0.0094 | | | | Ave | | 0.0094 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 3 | 0.0061 | | | | Ave | | 0.0061 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 4 | 0.0226 | | | | Ave | | 0.0226 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 5 | 0.0032 | | | | Ave | | 0.0032 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 6 | 0.0046 | | | | Ave | | 0.0046 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 7 | 0.0023 | | | | Ave | | 0.0023 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 8 | 0.0013 | | | | Ave | | 0.0013 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56319

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/8 | T1329663.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | BNB | Ave | 15836393 | | | | | | 1000 | | | | |
| PCB-1221 Peak 2 | BNB | Ave | 23088253 | | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | BNB | Ave | 14916343 | | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | BNB | Ave | 55421553 | | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | BNB | Ave | 7771076 | | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | BNB | Ave | 11261788 | | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | BNB | Ave | 5587738 | | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | BNB | Ave | 3128515 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
 Lims ID: IC 1221
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-008
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub3
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 49057396 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 43079790 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

1 PCB-1221

| | | | | | | | |
|---|-------|-------|-------|----------|--------|---------------------------|--------|
| 1 | 1.953 | 1.953 | 0.000 | 15836393 | 1000.0 | 1000.0 | a |
| 1 | 2.769 | 2.769 | 0.000 | 23088253 | 1000.0 | 1000.0 | a |
| 1 | 2.930 | 2.930 | 0.000 | 14916343 | 1000.0 | 1000.0 | a |
| 1 | 2.997 | 2.997 | 0.000 | 55421553 | 1000.0 | 1000.0 | a |
| 1 | 3.524 | 3.524 | 0.000 | 7771076 | 1000.0 | 1000.0 | a |
| 1 | 3.986 | 3.986 | 0.000 | 11261788 | 1000.0 | 1000.0 | a |
| 1 | 4.144 | 4.144 | 0.000 | 5587738 | 1000.0 | 1000.0 | a |
| 1 | 4.257 | 4.257 | 0.000 | 3128515 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| 2 | 1.553 | 1.553 | 0.000 | 14025971 | 1000.0 | 1000.0 | a |
| 2 | 2.177 | 2.177 | 0.000 | 19947928 | 1000.0 | 1000.0 | a |
| 2 | 2.320 | 2.320 | 0.000 | 12488585 | 1000.0 | 1000.0 | a |
| 2 | 2.360 | 2.360 | 0.000 | 50139134 | 1000.0 | 1000.0 | a |
| 2 | 2.719 | 2.719 | 0.000 | 5025406 | 1000.0 | 1000.0 | a |
| 2 | 2.840 | 2.840 | 0.000 | 6991129 | 1000.0 | 1000.0 | a |
| 2 | 3.195 | 3.195 | 0.000 | 9438007 | 1000.0 | 1000.0 | a |
| 2 | 3.333 | 3.333 | 0.000 | 4289330 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| | | | | | | RPD = 0.00 | |

Reagents:

SG1221L3_00025

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date: 17-Jun-2016 18:16:53

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

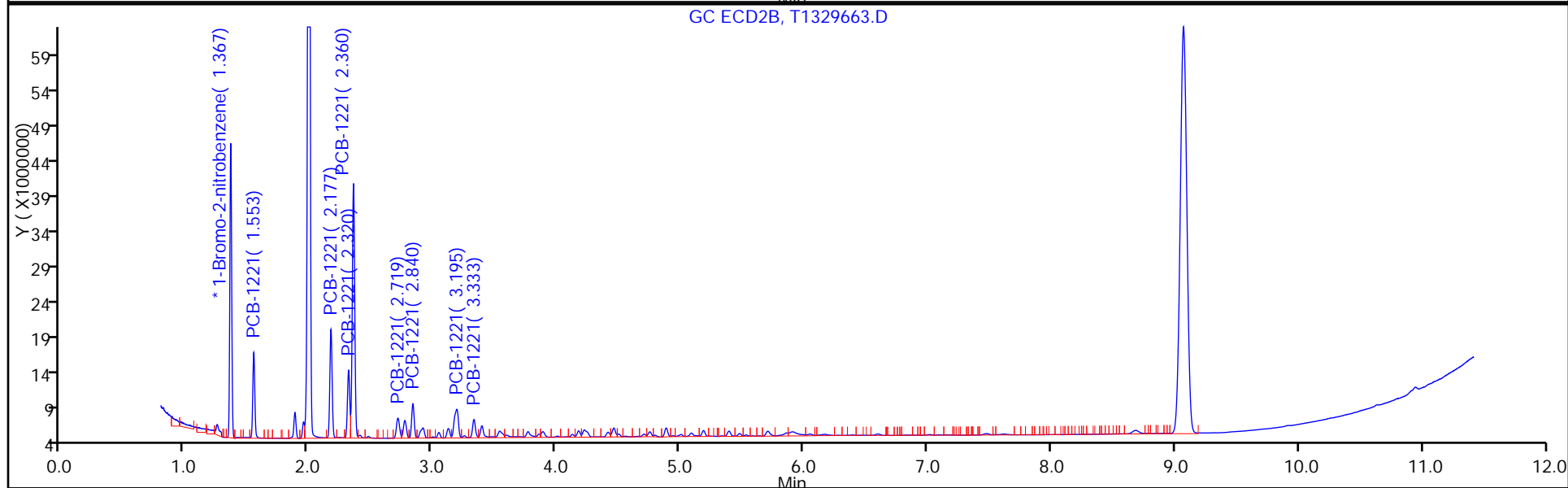
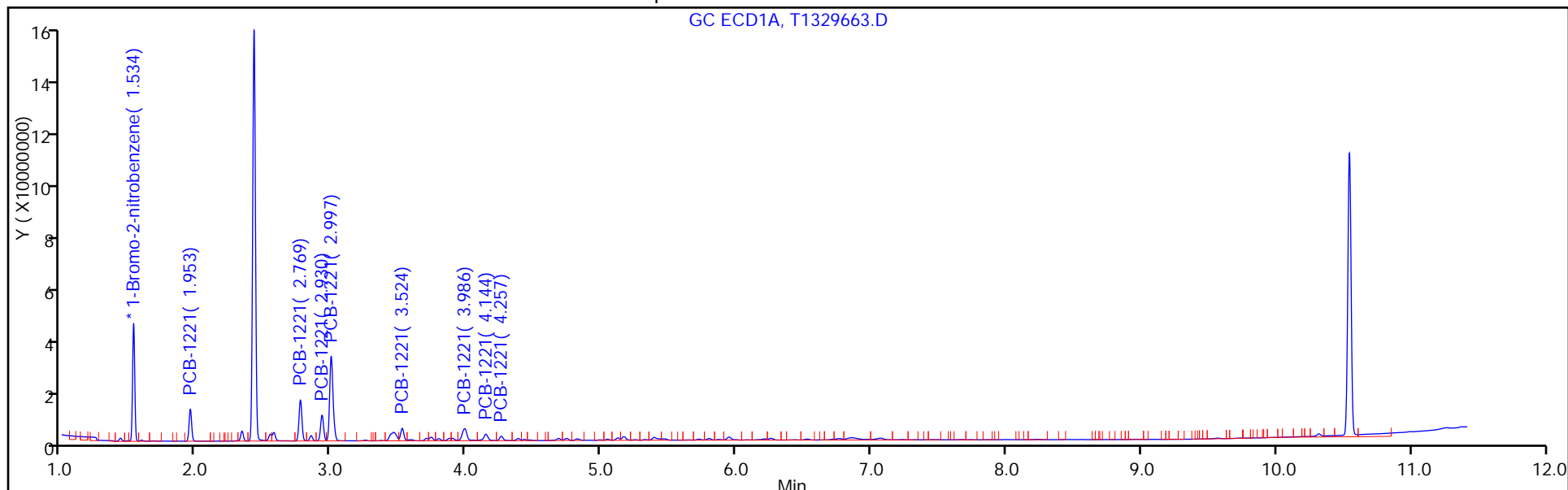
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/8 | T1329663.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 0.0065 | | | | Ave | | 0.0065 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 2 | 0.0093 | | | | Ave | | 0.0093 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 3 | 0.0058 | | | | Ave | | 0.0058 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 4 | 0.0233 | | | | Ave | | 0.0233 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 5 | 0.0023 | | | | Ave | | 0.0023 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 6 | 0.0032 | | | | Ave | | 0.0032 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 7 | 0.0044 | | | | Ave | | 0.0044 | | | | | | 20.0 | | | 0.9900 |
| PCB-1221 Peak 8 | 0.0020 | | | | Ave | | 0.0020 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:16 Calibration End Date: 06/17/2016 18:16 Calibration ID: 56320

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/8 | T1329663.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|--------|------------|----------|--|--|--|--|----------------------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | BNB | Ave | 14025971 | | | | | 1000 | | | | |
| PCB-1221 Peak 2 | BNB | Ave | 19947928 | | | | | 1000 | | | | |
| PCB-1221 Peak 3 | BNB | Ave | 12488585 | | | | | 1000 | | | | |
| PCB-1221 Peak 4 | BNB | Ave | 50139134 | | | | | 1000 | | | | |
| PCB-1221 Peak 5 | BNB | Ave | 5025406 | | | | | 1000 | | | | |
| PCB-1221 Peak 6 | BNB | Ave | 6991129 | | | | | 1000 | | | | |
| PCB-1221 Peak 7 | BNB | Ave | 9438007 | | | | | 1000 | | | | |
| PCB-1221 Peak 8 | BNB | Ave | 4289330 | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D
 Lims ID: IC 1221
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:16:53 ALS Bottle#: 9 Worklist Smp#: 8
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-008
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub3
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:41 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:55:54

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.534 | 1.534 | 0.000 | 49057396 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 43079790 | 20.0 | 20.0 | |

RPD = 0.00

1 PCB-1221

| | | | | | | | |
|---|-------|-------|-------|----------|--------|--------|---|
| 1 | 1.953 | 1.953 | 0.000 | 15836393 | 1000.0 | 1000.0 | a |
| 1 | 2.769 | 2.769 | 0.000 | 23088253 | 1000.0 | 1000.0 | a |
| 1 | 2.930 | 2.930 | 0.000 | 14916343 | 1000.0 | 1000.0 | a |
| 1 | 2.997 | 2.997 | 0.000 | 55421553 | 1000.0 | 1000.0 | a |
| 1 | 3.524 | 3.524 | 0.000 | 7771076 | 1000.0 | 1000.0 | a |
| 1 | 3.986 | 3.986 | 0.000 | 11261788 | 1000.0 | 1000.0 | a |
| 1 | 4.144 | 4.144 | 0.000 | 5587738 | 1000.0 | 1000.0 | a |
| 1 | 4.257 | 4.257 | 0.000 | 3128515 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|----------|--------|--------|---|
| 2 | 1.553 | 1.553 | 0.000 | 14025971 | 1000.0 | 1000.0 | a |
| 2 | 2.177 | 2.177 | 0.000 | 19947928 | 1000.0 | 1000.0 | a |
| 2 | 2.320 | 2.320 | 0.000 | 12488585 | 1000.0 | 1000.0 | a |
| 2 | 2.360 | 2.360 | 0.000 | 50139134 | 1000.0 | 1000.0 | a |
| 2 | 2.719 | 2.719 | 0.000 | 5025406 | 1000.0 | 1000.0 | a |
| 2 | 2.840 | 2.840 | 0.000 | 6991129 | 1000.0 | 1000.0 | a |
| 2 | 3.195 | 3.195 | 0.000 | 9438007 | 1000.0 | 1000.0 | a |
| 2 | 3.333 | 3.333 | 0.000 | 4289330 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

RPD = 0.00

Reagents:

SG1221L3_00025

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329663.D

Injection Date: 17-Jun-2016 18:16:53

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1221

Worklist Smp#: 8

Client ID:

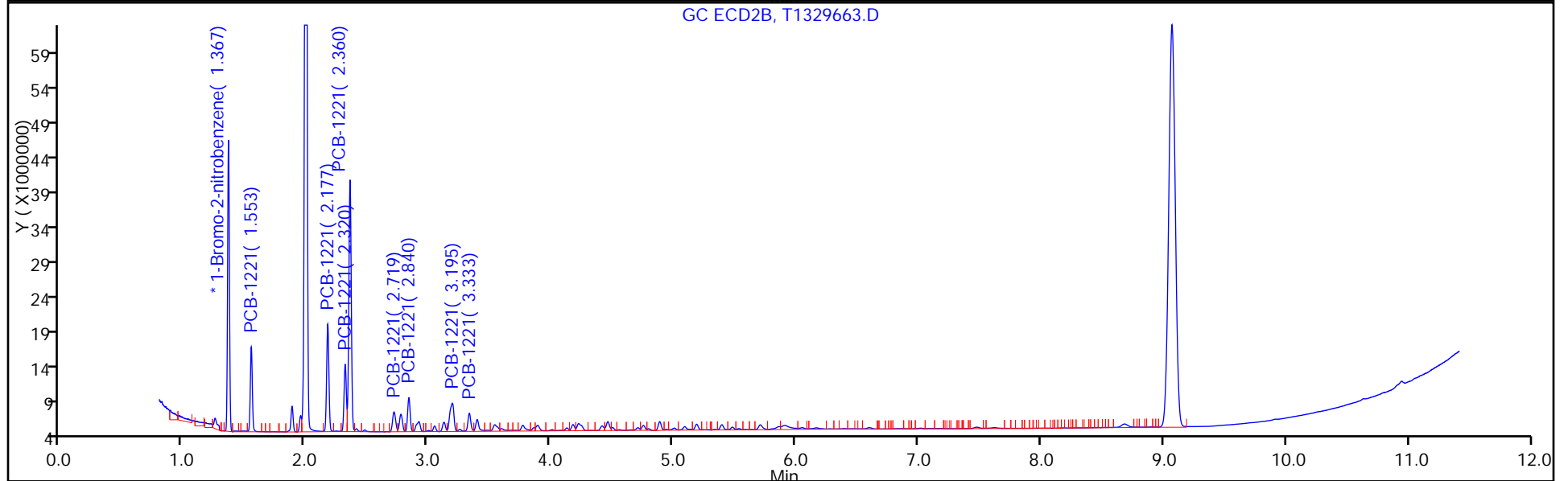
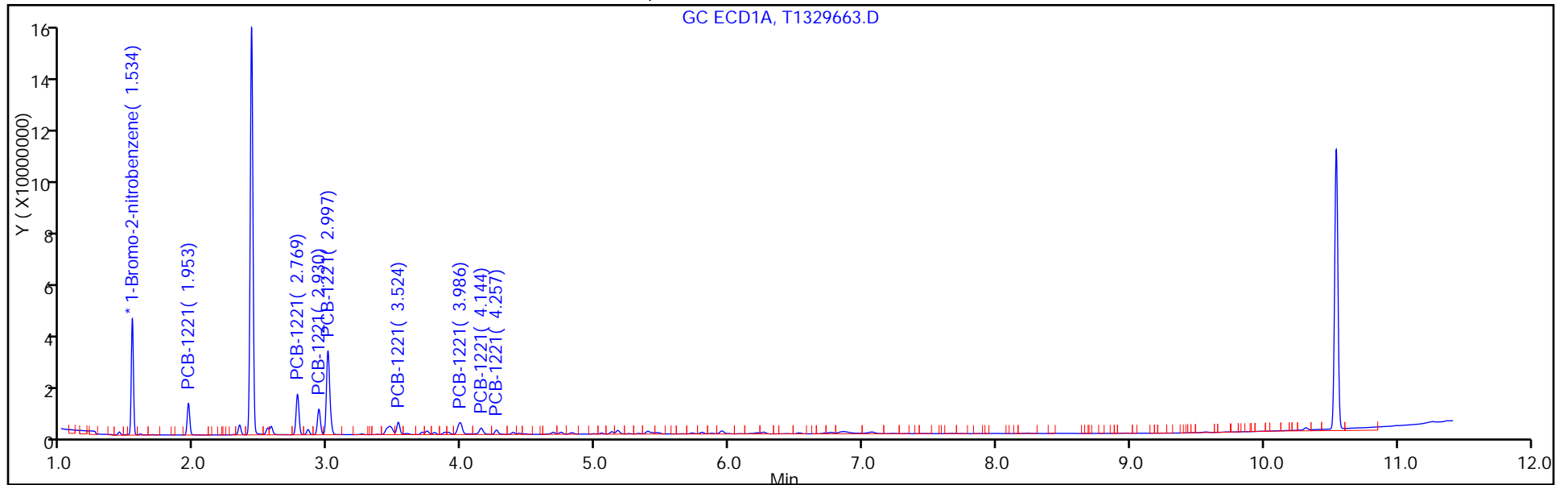
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 9

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/9 | T1329664.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 0.0210 | | | | Ave | | 0.0210 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 2 | 0.0169 | | | | Ave | | 0.0169 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 3 | 0.0064 | | | | Ave | | 0.0064 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 4 | 0.0323 | | | | Ave | | 0.0323 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 5 | 0.0136 | | | | Ave | | 0.0136 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 6 | 0.0102 | | | | Ave | | 0.0102 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 7 | 0.0100 | | | | Ave | | 0.0100 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 8 | 0.0113 | | | | Ave | | 0.0113 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56325

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/9 | T1329664.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | BNB | Ave | 48899297 | | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | BNB | Ave | 39454974 | | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | BNB | Ave | 14992024 | | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | BNB | Ave | 75406138 | | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | BNB | Ave | 31631999 | | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | BNB | Ave | 23802440 | | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | BNB | Ave | 23259576 | | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | BNB | Ave | 26463577 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
 Lims ID: IC 1232
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-009
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub4
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.534 | 1.534 | 0.000 | 46662355 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 41416689 | 20.0 | 20.0 | |

RPD = 0.00

3 PCB-1232

| | | | | | | | |
|---------------------------|-------|-------|-------|----------|--------|--------|------------|
| 1 | 2.998 | 2.998 | 0.000 | 48899297 | 1000.0 | 1000.0 | a |
| 1 | 3.465 | 3.465 | 0.000 | 39454974 | 1000.0 | 1000.0 | a |
| 1 | 3.739 | 3.739 | 0.000 | 14992024 | 1000.0 | 1000.0 | a |
| 1 | 3.986 | 3.986 | 0.000 | 75406138 | 1000.0 | 1000.0 | a |
| 1 | 4.142 | 4.142 | 0.000 | 31631999 | 1000.0 | 1000.0 | a |
| 1 | 4.683 | 4.683 | 0.000 | 23802440 | 1000.0 | 1000.0 | a |
| 1 | 5.121 | 5.121 | 0.000 | 23259576 | 1000.0 | 1000.0 | a |
| 1 | 5.169 | 5.169 | 0.000 | 26463577 | 1000.0 | 1000.0 | a |
| Average of Peak Amounts = | | | | | | 1000.0 | |
| 2 | 2.360 | 2.360 | 0.000 | 45103474 | 1000.0 | 1000.0 | a |
| 2 | 2.718 | 2.718 | 0.000 | 34140860 | 1000.0 | 1000.0 | M |
| 2 | 2.921 | 2.921 | 0.000 | 22896111 | 1000.0 | 1000.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 74849966 | 1000.0 | 1000.0 | M |
| 2 | 3.334 | 3.334 | 0.000 | 30842670 | 1000.0 | 1000.0 | M |
| 2 | 3.771 | 3.771 | 0.000 | 28528908 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 44087632 | 1000.0 | 1000.0 | M |
| 2 | 4.459 | 4.459 | 0.000 | 16628368 | 1000.0 | 1000.0 | M |
| Average of Peak Amounts = | | | | | | 1000.0 | |
| | | | | | | | RPD = 0.00 |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1232L3_00024

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date: 17-Jun-2016 18:31:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

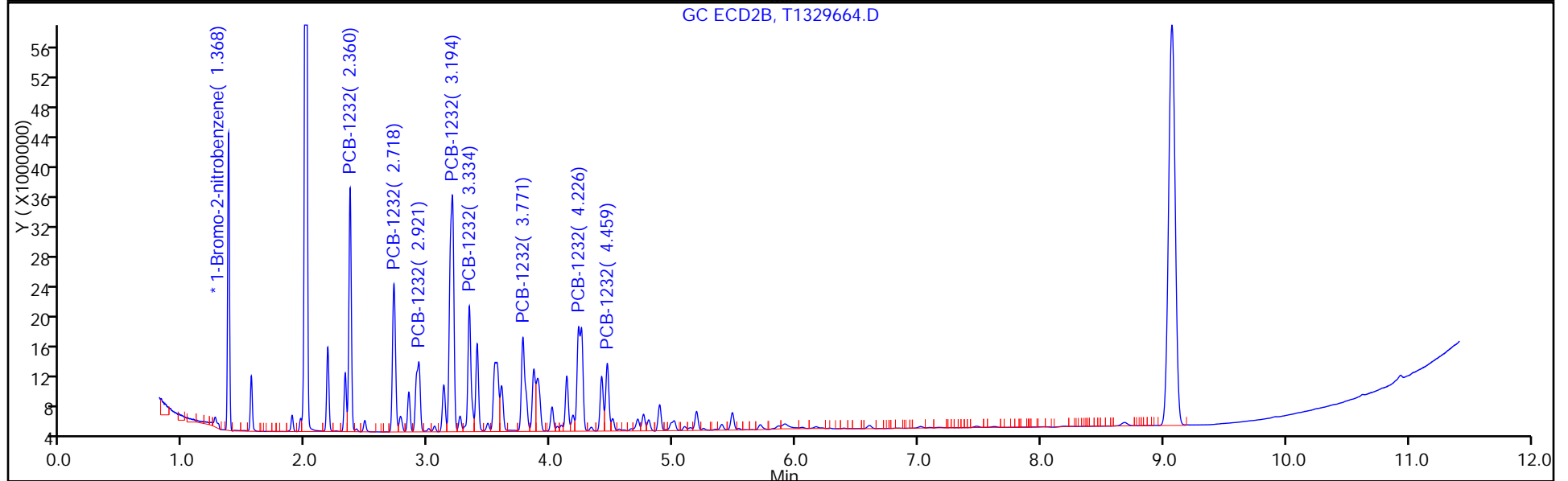
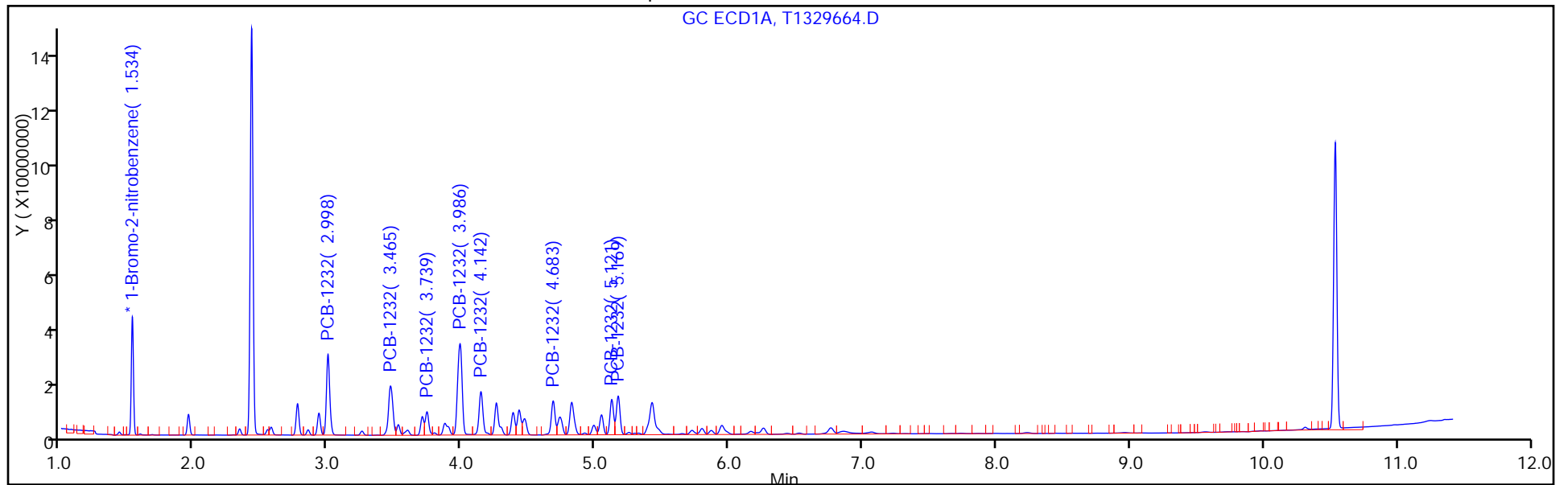
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/9 | T1329664.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 0.0218 | | | | Ave | | 0.0218 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 2 | 0.0165 | | | | Ave | | 0.0165 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 3 | 0.0111 | | | | Ave | | 0.0111 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 4 | 0.0361 | | | | Ave | | 0.0361 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 5 | 0.0149 | | | | Ave | | 0.0149 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 6 | 0.0138 | | | | Ave | | 0.0138 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 7 | 0.0213 | | | | Ave | | 0.0213 | | | | | | 20.0 | | | 0.9900 |
| PCB-1232 Peak 8 | 0.0080 | | | | Ave | | 0.0080 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:31 Calibration End Date: 06/17/2016 18:31 Calibration ID: 56326

Calibration Files:

| | | |
|---------|-----------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/9 | T1329664.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|--------|------------|----------|--|--|--|--|----------------------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | BNB | Ave | 45103474 | | | | | 1000 | | | | |
| PCB-1232 Peak 2 | BNB | Ave | 34140860 | | | | | 1000 | | | | |
| PCB-1232 Peak 3 | BNB | Ave | 22896111 | | | | | 1000 | | | | |
| PCB-1232 Peak 4 | BNB | Ave | 74849966 | | | | | 1000 | | | | |
| PCB-1232 Peak 5 | BNB | Ave | 30842670 | | | | | 1000 | | | | |
| PCB-1232 Peak 6 | BNB | Ave | 28528908 | | | | | 1000 | | | | |
| PCB-1232 Peak 7 | BNB | Ave | 44087632 | | | | | 1000 | | | | |
| PCB-1232 Peak 8 | BNB | Ave | 16628368 | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D
 Lims ID: IC 1232
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:31:23 ALS Bottle#: 10 Worklist Smp#: 9
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-009
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub4
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:47 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:59:31

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 46662355 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 41416689 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

3 PCB-1232

| | | | | | | | |
|---|-------|-------|-------|----------|--------|---------------------------|--------|
| 1 | 2.998 | 2.998 | 0.000 | 48899297 | 1000.0 | 1000.0 | a |
| 1 | 3.465 | 3.465 | 0.000 | 39454974 | 1000.0 | 1000.0 | a |
| 1 | 3.739 | 3.739 | 0.000 | 14992024 | 1000.0 | 1000.0 | a |
| 1 | 3.986 | 3.986 | 0.000 | 75406138 | 1000.0 | 1000.0 | a |
| 1 | 4.142 | 4.142 | 0.000 | 31631999 | 1000.0 | 1000.0 | a |
| 1 | 4.683 | 4.683 | 0.000 | 23802440 | 1000.0 | 1000.0 | a |
| 1 | 5.121 | 5.121 | 0.000 | 23259576 | 1000.0 | 1000.0 | a |
| 1 | 5.169 | 5.169 | 0.000 | 26463577 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| 2 | 2.360 | 2.360 | 0.000 | 45103474 | 1000.0 | 1000.0 | a |
| 2 | 2.718 | 2.718 | 0.000 | 34140860 | 1000.0 | 1000.0 | M |
| 2 | 2.921 | 2.921 | 0.000 | 22896111 | 1000.0 | 1000.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 74849966 | 1000.0 | 1000.0 | M |
| 2 | 3.334 | 3.334 | 0.000 | 30842670 | 1000.0 | 1000.0 | M |
| 2 | 3.771 | 3.771 | 0.000 | 28528908 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 44087632 | 1000.0 | 1000.0 | M |
| 2 | 4.459 | 4.459 | 0.000 | 16628368 | 1000.0 | 1000.0 | M |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| | | | | | | RPD = 0.00 | |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1232L3_00024

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329664.D

Injection Date: 17-Jun-2016 18:31:23

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1232

Worklist Smp#: 9

Client ID:

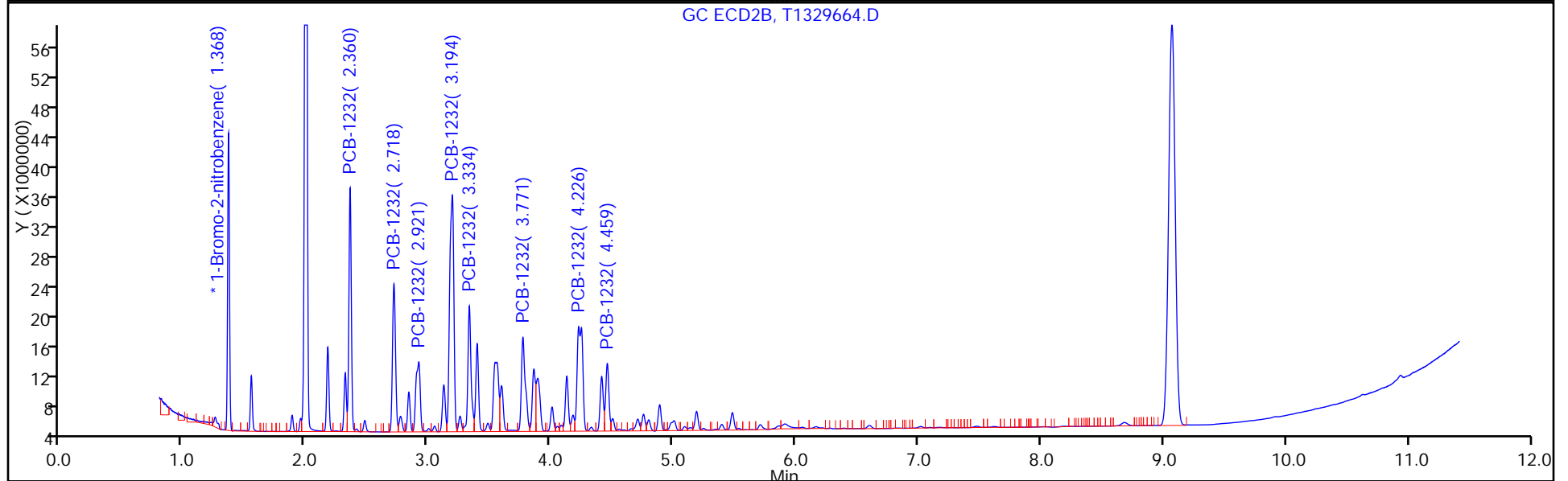
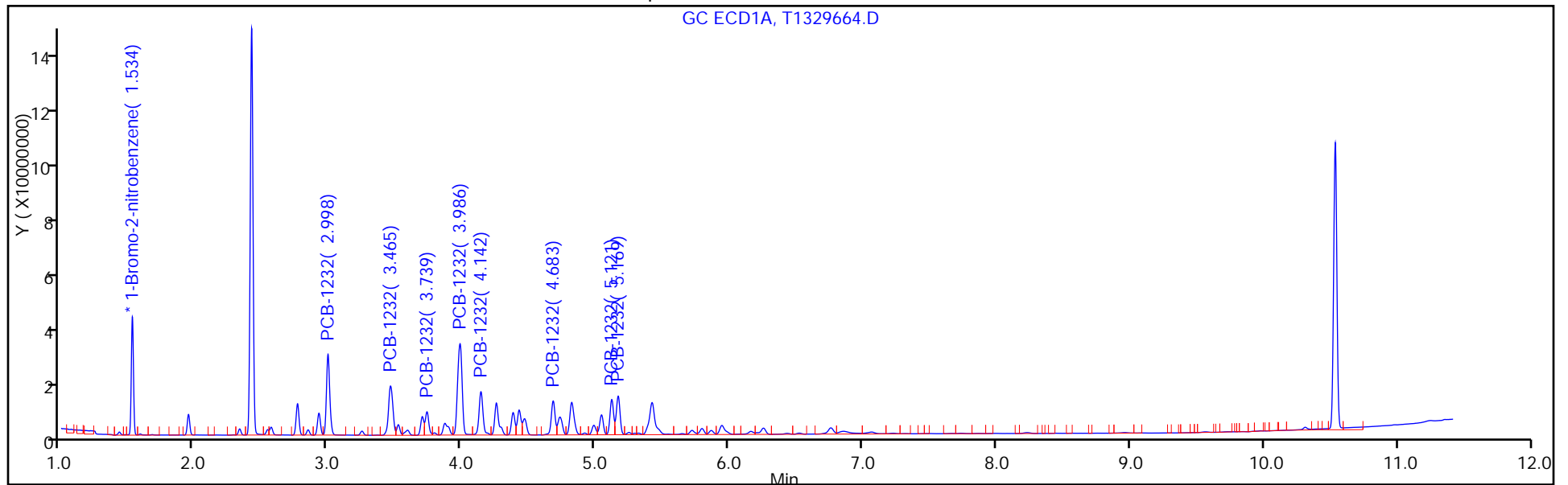
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 10

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/10 | T1329665.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 0.0144 | | | | Ave | | 0.0144 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 2 | 0.0283 | | | | Ave | | 0.0283 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 3 | 0.0113 | | | | Ave | | 0.0113 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 4 | 0.0574 | | | | Ave | | 0.0574 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 5 | 0.0241 | | | | Ave | | 0.0241 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 6 | 0.0223 | | | | Ave | | 0.0223 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 7 | 0.0200 | | | | Ave | | 0.0200 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 8 | 0.0224 | | | | Ave | | 0.0224 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56331

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/10 | T1329665.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | BNB | Ave | 37524106 | | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | BNB | Ave | 73575017 | | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | BNB | Ave | 29503886 | | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | BNB | Ave | 149210359 | | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | BNB | Ave | 62602682 | | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | BNB | Ave | 57937524 | | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | BNB | Ave | 52106940 | | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | BNB | Ave | 58111849 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
 Lims ID: IC 1242
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-010
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub5
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.534 | 1.534 | 0.000 | 51996898 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 47857031 | 20.0 | 20.0 | |

RPD = 0.00

4 PCB-1242

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 1 | 2.997 | 2.997 | 0.000 | 37524106 | 1000.0 | 1000.0 | a |
| 1 | 3.466 | 3.466 | 0.000 | 73575017 | 1000.0 | 1000.0 | a |
| 1 | 3.738 | 3.738 | 0.000 | 29503886 | 1000.0 | 1000.0 | M |
| 1 | 3.986 | 3.986 | 0.000 | 149210359 | 1000.0 | 1000.0 | M |
| 1 | 4.141 | 4.141 | 0.000 | 62602682 | 1000.0 | 1000.0 | M |
| 1 | 4.822 | 4.822 | 0.000 | 57937524 | 1000.0 | 1000.0 | M |
| 1 | 5.121 | 5.121 | 0.000 | 52106940 | 1000.0 | 1000.0 | M |
| 1 | 5.170 | 5.170 | 0.000 | 58111849 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 34667503 | 1000.0 | 1000.0 | a |
| 2 | 2.717 | 2.717 | 0.000 | 67998895 | 1000.0 | 1000.0 | a |
| 2 | 2.921 | 2.921 | 0.000 | 45393572 | 1000.0 | 1000.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 149614498 | 1000.0 | 1000.0 | M |
| 2 | 3.333 | 3.333 | 0.000 | 62126228 | 1000.0 | 1000.0 | M |
| 2 | 3.771 | 3.771 | 0.000 | 62499833 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 98728952 | 1000.0 | 1000.0 | M |
| 2 | 4.460 | 4.460 | 0.000 | 38582618 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L3_00026

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date: 17-Jun-2016 18:45:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

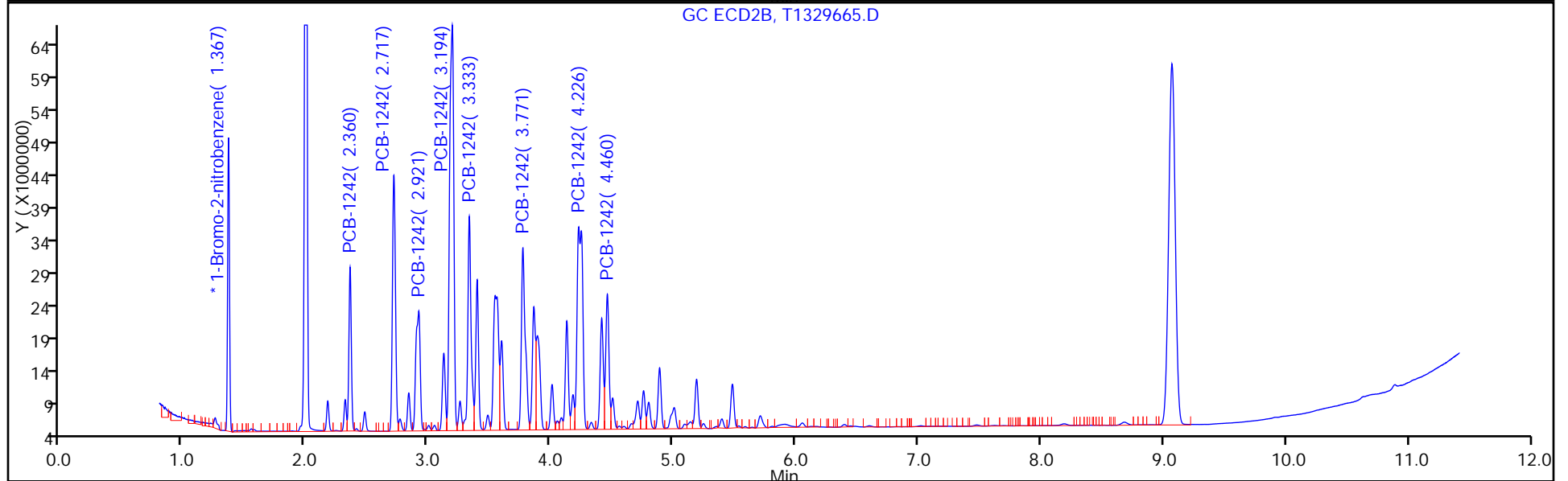
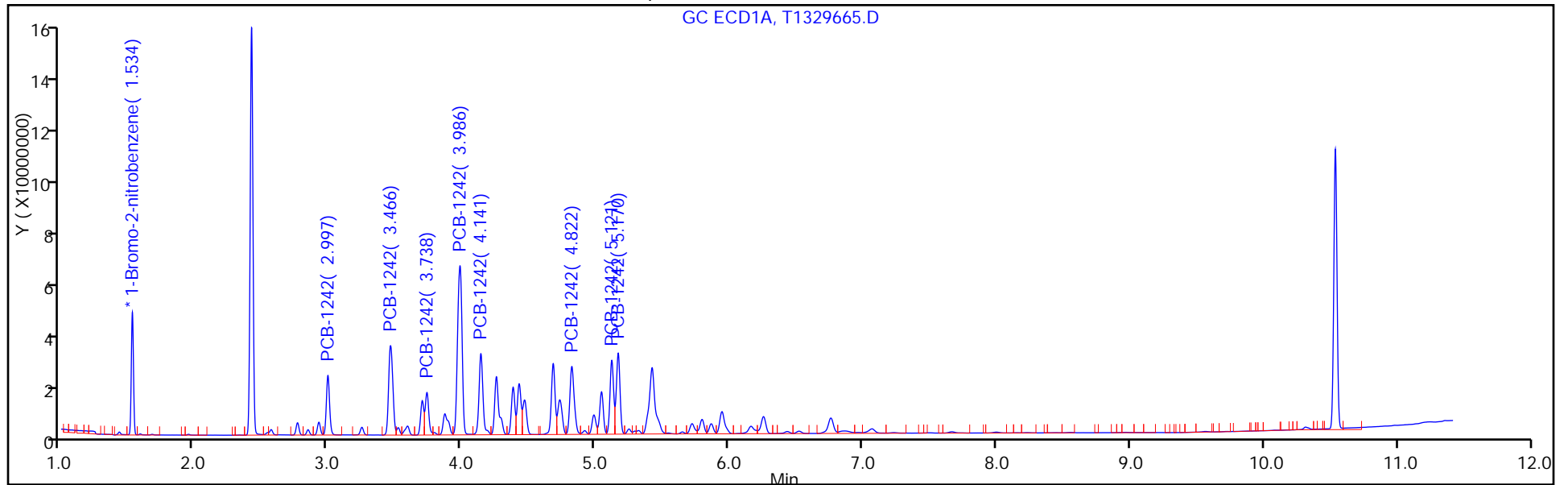
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/10 | T1329665.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 0.0145 | | | | Ave | | 0.0145 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 2 | 0.0284 | | | | Ave | | 0.0284 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 3 | 0.0190 | | | | Ave | | 0.0190 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 4 | 0.0625 | | | | Ave | | 0.0625 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 5 | 0.0260 | | | | Ave | | 0.0260 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 6 | 0.0261 | | | | Ave | | 0.0261 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 7 | 0.0413 | | | | Ave | | 0.0413 | | | | | | 20.0 | | | 0.9900 |
| PCB-1242 Peak 8 | 0.0161 | | | | Ave | | 0.0161 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 18:45 Calibration End Date: 06/17/2016 18:45 Calibration ID: 56332

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/10 | T1329665.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | BNB | Ave | 34667503 | | | | | 1000 | | | | |
| PCB-1242 Peak 2 | BNB | Ave | 67998895 | | | | | 1000 | | | | |
| PCB-1242 Peak 3 | BNB | Ave | 45393572 | | | | | 1000 | | | | |
| PCB-1242 Peak 4 | BNB | Ave | 149614498 | | | | | 1000 | | | | |
| PCB-1242 Peak 5 | BNB | Ave | 62126228 | | | | | 1000 | | | | |
| PCB-1242 Peak 6 | BNB | Ave | 62499833 | | | | | 1000 | | | | |
| PCB-1242 Peak 7 | BNB | Ave | 98728952 | | | | | 1000 | | | | |
| PCB-1242 Peak 8 | BNB | Ave | 38582618 | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D
 Lims ID: IC 1242
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 18:45:54 ALS Bottle#: 11 Worklist Smp#: 10
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-010
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub5
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:53 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:01:14

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.534 | 1.534 | 0.000 | 51996898 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 47857031 | 20.0 | 20.0 | |

RPD = 0.00

4 PCB-1242

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 1 | 2.997 | 2.997 | 0.000 | 37524106 | 1000.0 | 1000.0 | a |
| 1 | 3.466 | 3.466 | 0.000 | 73575017 | 1000.0 | 1000.0 | a |
| 1 | 3.738 | 3.738 | 0.000 | 29503886 | 1000.0 | 1000.0 | M |
| 1 | 3.986 | 3.986 | 0.000 | 149210359 | 1000.0 | 1000.0 | M |
| 1 | 4.141 | 4.141 | 0.000 | 62602682 | 1000.0 | 1000.0 | M |
| 1 | 4.822 | 4.822 | 0.000 | 57937524 | 1000.0 | 1000.0 | M |
| 1 | 5.121 | 5.121 | 0.000 | 52106940 | 1000.0 | 1000.0 | M |
| 1 | 5.170 | 5.170 | 0.000 | 58111849 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.360 | 2.360 | 0.000 | 34667503 | 1000.0 | 1000.0 | a |
| 2 | 2.717 | 2.717 | 0.000 | 67998895 | 1000.0 | 1000.0 | a |
| 2 | 2.921 | 2.921 | 0.000 | 45393572 | 1000.0 | 1000.0 | M |
| 2 | 3.194 | 3.194 | 0.000 | 149614498 | 1000.0 | 1000.0 | M |
| 2 | 3.333 | 3.333 | 0.000 | 62126228 | 1000.0 | 1000.0 | M |
| 2 | 3.771 | 3.771 | 0.000 | 62499833 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 98728952 | 1000.0 | 1000.0 | M |
| 2 | 4.460 | 4.460 | 0.000 | 38582618 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1242L3_00026

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329665.D

Injection Date: 17-Jun-2016 18:45:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1242

Worklist Smp#: 10

Client ID:

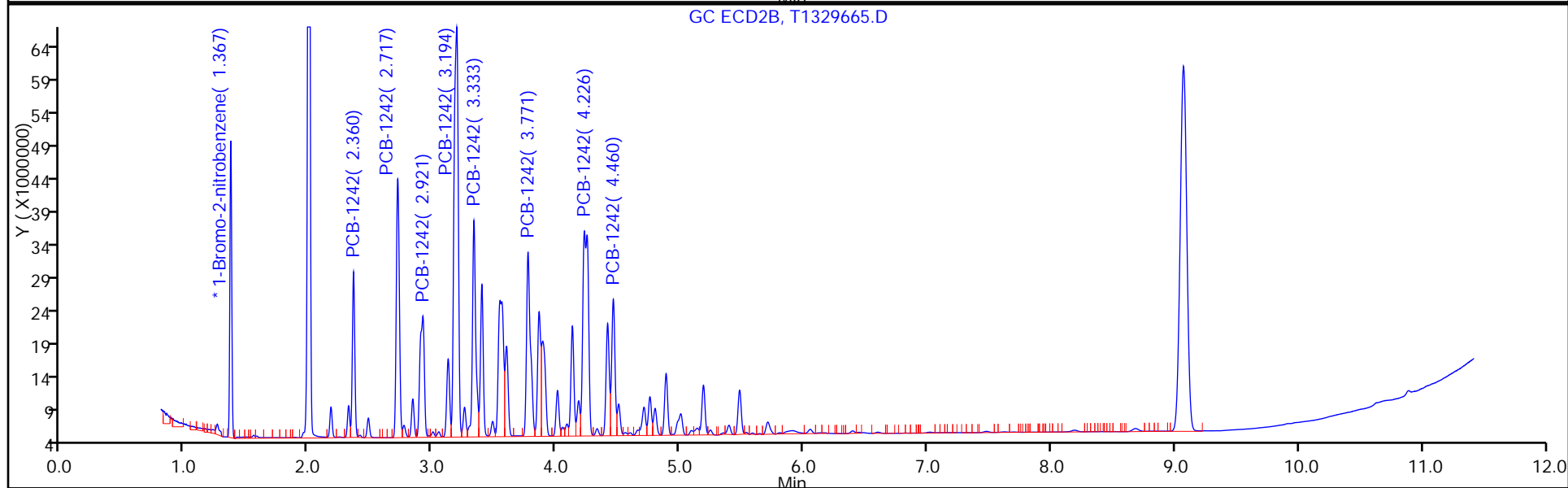
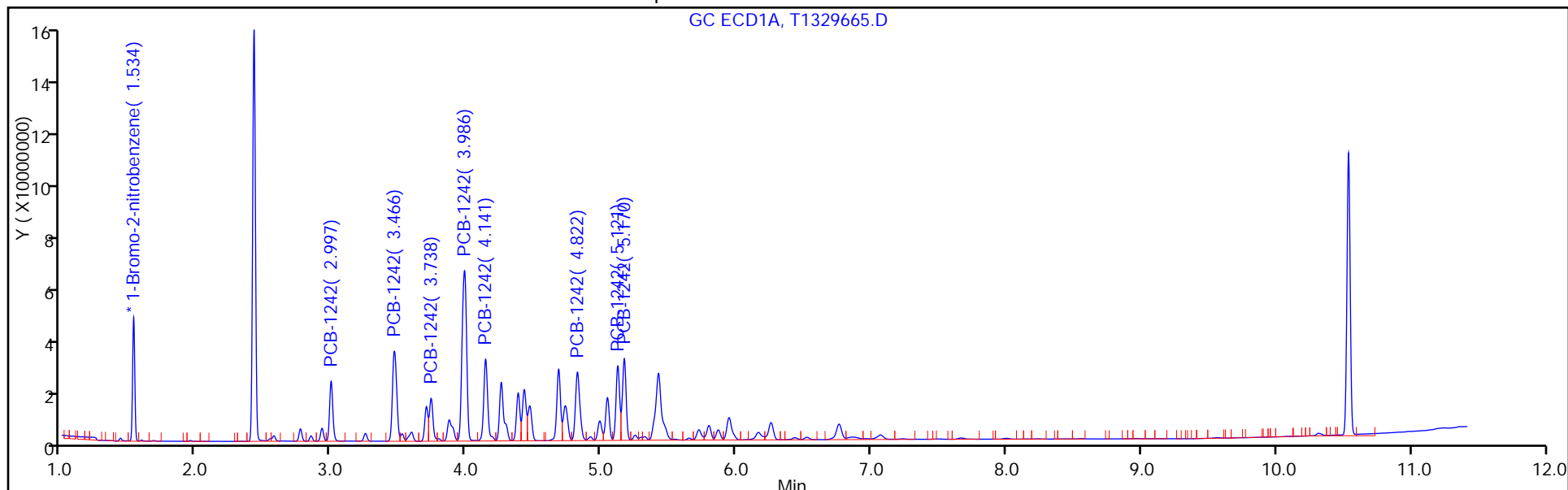
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 11

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/11 | T1329666.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 0.0138 | | | | Ave | | 0.0138 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 2 | 0.0344 | | | | Ave | | 0.0344 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 3 | 0.0205 | | | | Ave | | 0.0205 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 4 | 0.0187 | | | | Ave | | 0.0187 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 5 | 0.0295 | | | | Ave | | 0.0295 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 6 | 0.0315 | | | | Ave | | 0.0315 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 7 | 0.0343 | | | | Ave | | 0.0343 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 8 | 0.0133 | | | | Ave | | 0.0133 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56337

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/11 | T1329666.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | BNB | Ave | 36401836 | | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | BNB | Ave | 90751385 | | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | BNB | Ave | 54069708 | | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | BNB | Ave | 49197995 | | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | BNB | Ave | 77739389 | | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | BNB | Ave | 83134147 | | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | BNB | Ave | 90374853 | | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | BNB | Ave | 35127736 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
 Lims ID: IC 1248
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-011
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub6
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.533 | 1.533 | 0.000 | 52727160 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 47606303 | 20.0 | 20.0 | |

RPD = 0.00

6 PCB-1248

| | | | | | | | |
|---|-------|-------|-------|----------|--------|--------|---|
| 1 | 3.464 | 3.464 | 0.000 | 36401836 | 1000.0 | 1000.0 | M |
| 1 | 3.982 | 3.982 | 0.000 | 90751385 | 1000.0 | 1000.0 | M |
| 1 | 4.383 | 4.383 | 0.000 | 54069708 | 1000.0 | 1000.0 | M |
| 1 | 4.428 | 4.428 | 0.000 | 49197995 | 1000.0 | 1000.0 | M |
| 1 | 4.821 | 4.821 | 0.000 | 77739389 | 1000.0 | 1000.0 | M |
| 1 | 5.121 | 5.121 | 0.000 | 83134147 | 1000.0 | 1000.0 | M |
| 1 | 5.168 | 5.168 | 0.000 | 90374853 | 1000.0 | 1000.0 | M |
| 1 | 6.257 | 6.257 | 0.000 | 35127736 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.716 | 2.716 | 0.000 | 32691681 | 1000.0 | 1000.0 | M |
| 2 | 3.186 | 3.186 | 0.000 | 89100591 | 1000.0 | 1000.0 | M |
| 2 | 3.542 | 3.542 | 0.000 | 92524692 | 1000.0 | 1000.0 | M |
| 2 | 3.859 | 3.859 | 0.000 | 54435580 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 151050511 | 1000.0 | 1000.0 | M |
| 2 | 4.460 | 4.460 | 0.000 | 66302401 | 1000.0 | 1000.0 | M |
| 2 | 4.886 | 4.886 | 0.000 | 41885424 | 1000.0 | 1000.0 | M |
| 2 | 5.481 | 5.481 | 0.000 | 28267581 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L3_00025

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date: 17-Jun-2016 19:00:24

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

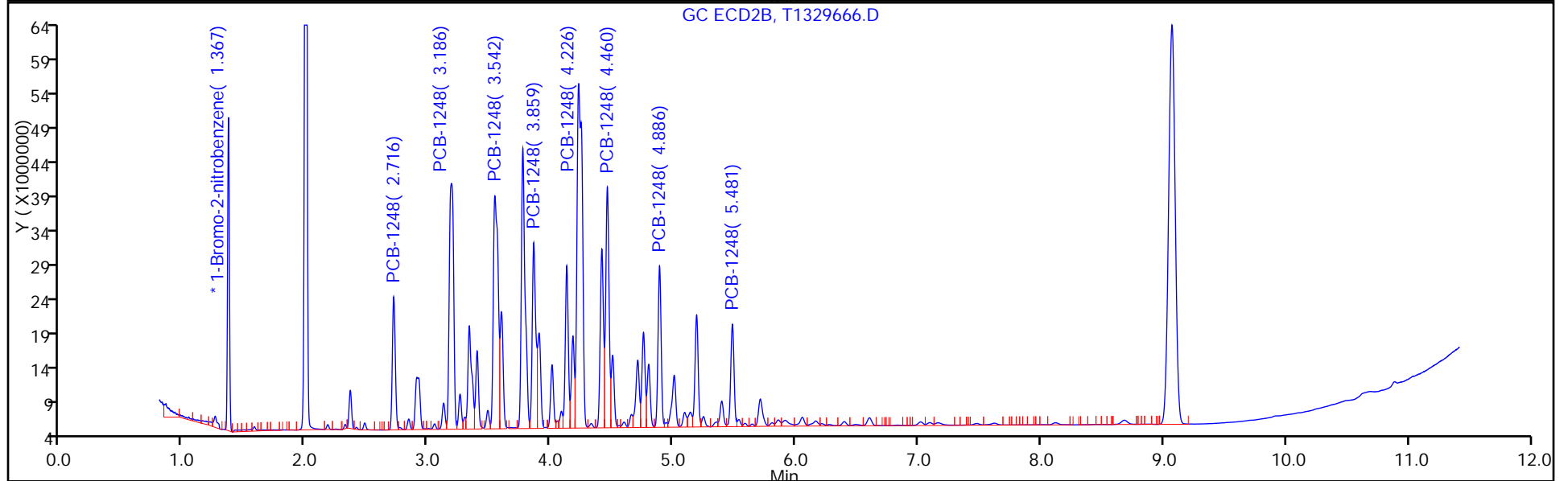
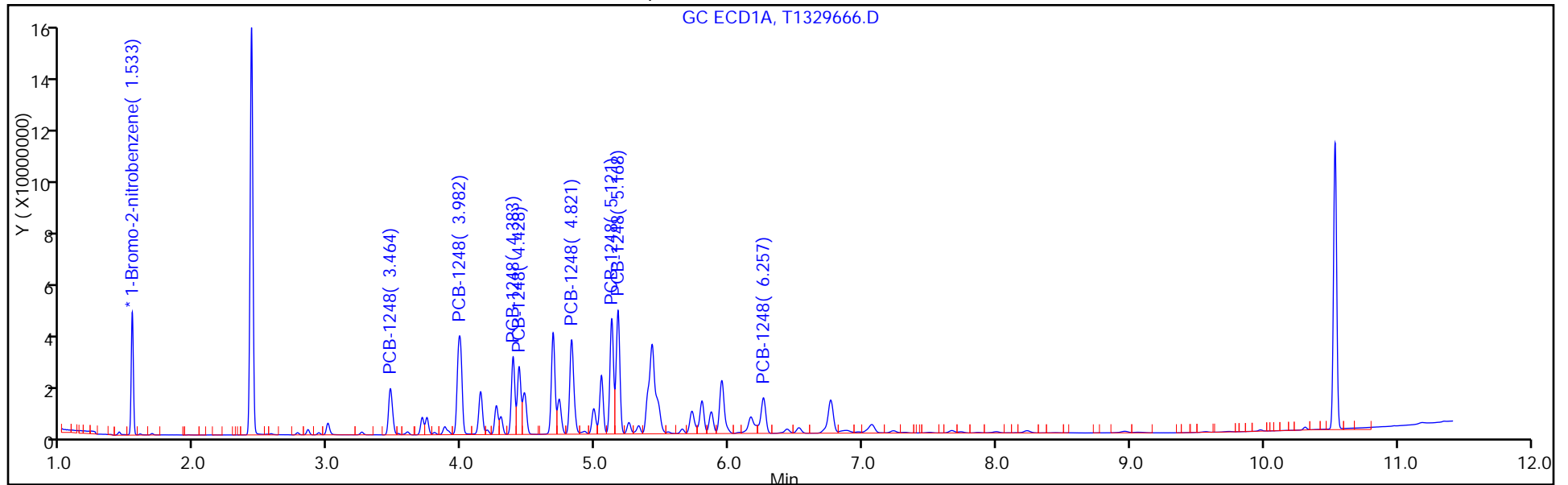
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/11 | T1329666.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 0.0137 | | | | Ave | | 0.0137 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 2 | 0.0374 | | | | Ave | | 0.0374 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 3 | 0.0389 | | | | Ave | | 0.0389 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 4 | 0.0229 | | | | Ave | | 0.0229 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 5 | 0.0635 | | | | Ave | | 0.0635 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 6 | 0.0279 | | | | Ave | | 0.0279 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 7 | 0.0176 | | | | Ave | | 0.0176 | | | | | | 20.0 | | | 0.9900 |
| PCB-1248 Peak 8 | 0.0119 | | | | Ave | | 0.0119 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:00 Calibration End Date: 06/17/2016 19:00 Calibration ID: 56338

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/11 | T1329666.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | BNB | Ave | 32691681 | | | | | | 1000 | | | | |
| PCB-1248 Peak 2 | BNB | Ave | 89100591 | | | | | | 1000 | | | | |
| PCB-1248 Peak 3 | BNB | Ave | 92524692 | | | | | | 1000 | | | | |
| PCB-1248 Peak 4 | BNB | Ave | 54435580 | | | | | | 1000 | | | | |
| PCB-1248 Peak 5 | BNB | Ave | 151050511 | | | | | | 1000 | | | | |
| PCB-1248 Peak 6 | BNB | Ave | 66302401 | | | | | | 1000 | | | | |
| PCB-1248 Peak 7 | BNB | Ave | 41885424 | | | | | | 1000 | | | | |
| PCB-1248 Peak 8 | BNB | Ave | 28267581 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D
 Lims ID: IC 1248
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:00:24 ALS Bottle#: 12 Worklist Smp#: 11
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-011
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub6
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:59 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:03:48

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.533 | 1.533 | 0.000 | 52727160 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 47606303 | 20.0 | 20.0 | |

RPD = 0.00

6 PCB-1248

| | | | | | | | |
|---|-------|-------|-------|----------|--------|--------|---|
| 1 | 3.464 | 3.464 | 0.000 | 36401836 | 1000.0 | 1000.0 | M |
| 1 | 3.982 | 3.982 | 0.000 | 90751385 | 1000.0 | 1000.0 | M |
| 1 | 4.383 | 4.383 | 0.000 | 54069708 | 1000.0 | 1000.0 | M |
| 1 | 4.428 | 4.428 | 0.000 | 49197995 | 1000.0 | 1000.0 | M |
| 1 | 4.821 | 4.821 | 0.000 | 77739389 | 1000.0 | 1000.0 | M |
| 1 | 5.121 | 5.121 | 0.000 | 83134147 | 1000.0 | 1000.0 | M |
| 1 | 5.168 | 5.168 | 0.000 | 90374853 | 1000.0 | 1000.0 | M |
| 1 | 6.257 | 6.257 | 0.000 | 35127736 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.716 | 2.716 | 0.000 | 32691681 | 1000.0 | 1000.0 | M |
| 2 | 3.186 | 3.186 | 0.000 | 89100591 | 1000.0 | 1000.0 | M |
| 2 | 3.542 | 3.542 | 0.000 | 92524692 | 1000.0 | 1000.0 | M |
| 2 | 3.859 | 3.859 | 0.000 | 54435580 | 1000.0 | 1000.0 | M |
| 2 | 4.226 | 4.226 | 0.000 | 151050511 | 1000.0 | 1000.0 | M |
| 2 | 4.460 | 4.460 | 0.000 | 66302401 | 1000.0 | 1000.0 | M |
| 2 | 4.886 | 4.886 | 0.000 | 41885424 | 1000.0 | 1000.0 | M |
| 2 | 5.481 | 5.481 | 0.000 | 28267581 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1248L3_00025

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329666.D

Injection Date: 17-Jun-2016 19:00:24

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1248

Worklist Smp#: 11

Client ID:

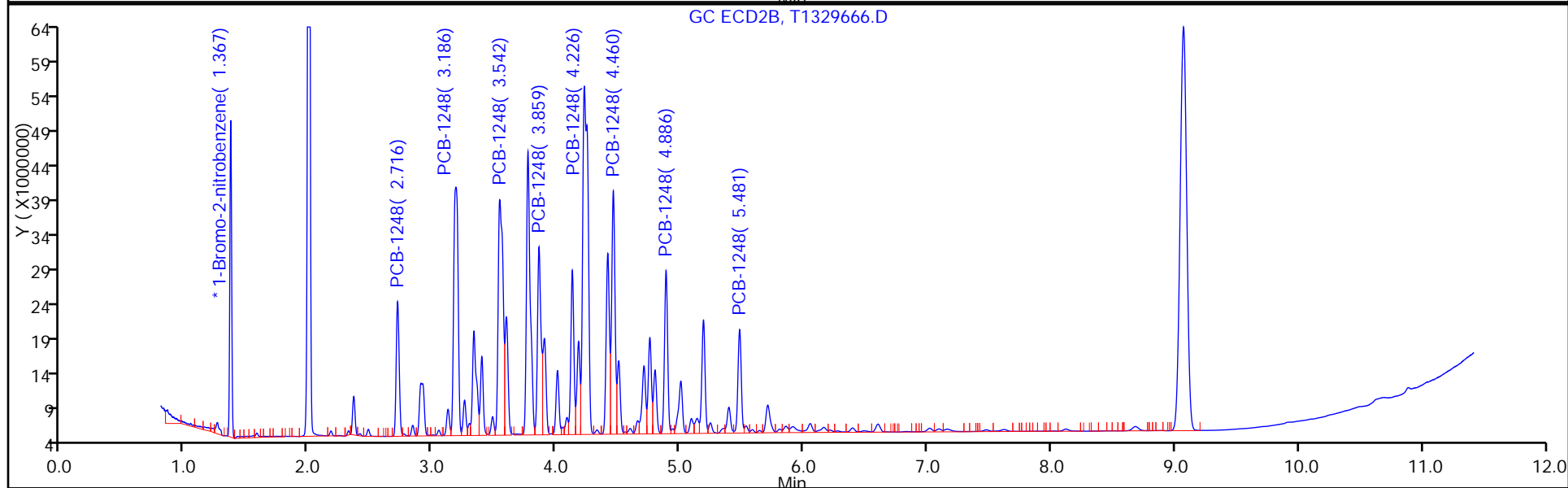
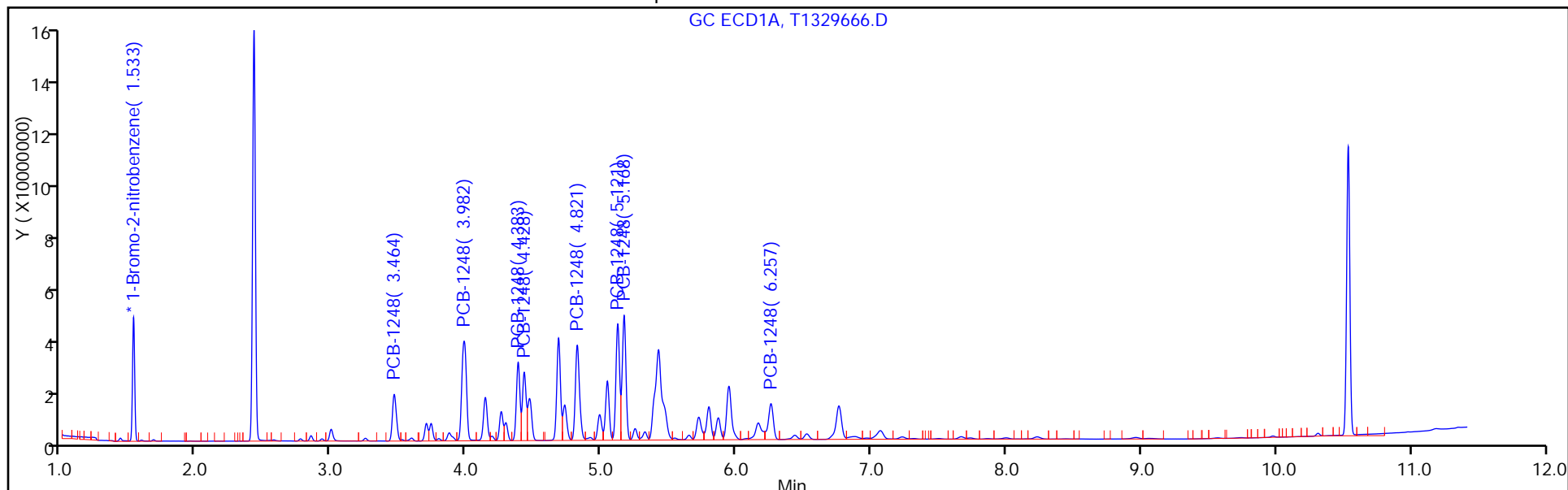
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 12

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/12 | T1329667.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R ² OR COD | # | MIN R ² OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|-----------------------|---|---------------------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 0.0117 | | | | Ave | | 0.0117 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 2 | 0.0330 | | | | Ave | | 0.0330 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 3 | 0.0386 | | | | Ave | | 0.0386 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 4 | 0.0300 | | | | Ave | | 0.0300 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 5 | 0.0609 | | | | Ave | | 0.0609 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 6 | 0.0434 | | | | Ave | | 0.0434 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 7 | 0.0382 | | | | Ave | | 0.0382 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 8 | 0.0585 | | | | Ave | | 0.0585 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56343

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/12 | T1329667.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | BNB | Ave | 29133108 | | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | BNB | Ave | 81867095 | | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | BNB | Ave | 95877038 | | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | BNB | Ave | 74380731 | | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | BNB | Ave | 151049862 | | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | BNB | Ave | 107636280 | | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | BNB | Ave | 94722298 | | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | BNB | Ave | 145227823 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
 Lims ID: IC 1254
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-012
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub7
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.533 | 1.533 | 0.000 | 49619620 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 44775479 | 20.0 | 20.0 | |

RPD = 0.00

7 PCB-1254

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 1 | 4.684 | 4.684 | 0.000 | 29133108 | 1000.0 | 1000.0 | a |
| 1 | 5.164 | 5.164 | 0.000 | 81867095 | 1000.0 | 1000.0 | a |
| 1 | 5.391 | 5.391 | 0.000 | 95877038 | 1000.0 | 1000.0 | a |
| 1 | 5.797 | 5.797 | 0.000 | 74380731 | 1000.0 | 1000.0 | a |
| 1 | 5.946 | 5.946 | 0.000 | 151049862 | 1000.0 | 1000.0 | a |
| 1 | 6.257 | 6.257 | 0.000 | 107636280 | 1000.0 | 1000.0 | a |
| 1 | 6.761 | 6.761 | 0.000 | 94722298 | 1000.0 | 1000.0 | M |
| 1 | 7.068 | 7.068 | 0.000 | 145227823 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 3.769 | 3.769 | 0.000 | 26458336 | 1000.0 | 1000.0 | M |
| 2 | 4.180 | 4.180 | 0.000 | 70491895 | 1000.0 | 1000.0 | M |
| 2 | 4.465 | 4.465 | 0.000 | 98568806 | 1000.0 | 1000.0 | M |
| 2 | 4.755 | 4.755 | 0.000 | 76333301 | 1000.0 | 1000.0 | M |
| 2 | 4.887 | 4.887 | 0.000 | 131779144 | 1000.0 | 1000.0 | M |
| 2 | 5.189 | 5.189 | 0.000 | 103083589 | 1000.0 | 1000.0 | M |
| 2 | 5.395 | 5.395 | 0.000 | 91735193 | 1000.0 | 1000.0 | M |
| 2 | 5.709 | 5.709 | 0.000 | 138261384 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1254L3_00027

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date: 17-Jun-2016 19:14:55

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

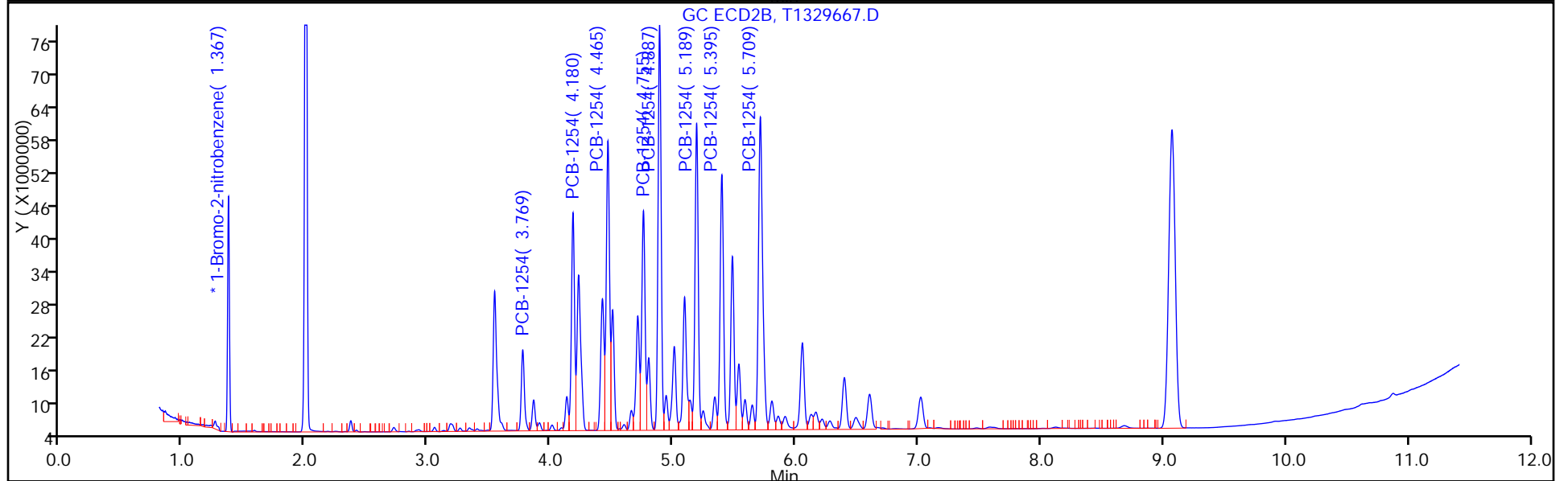
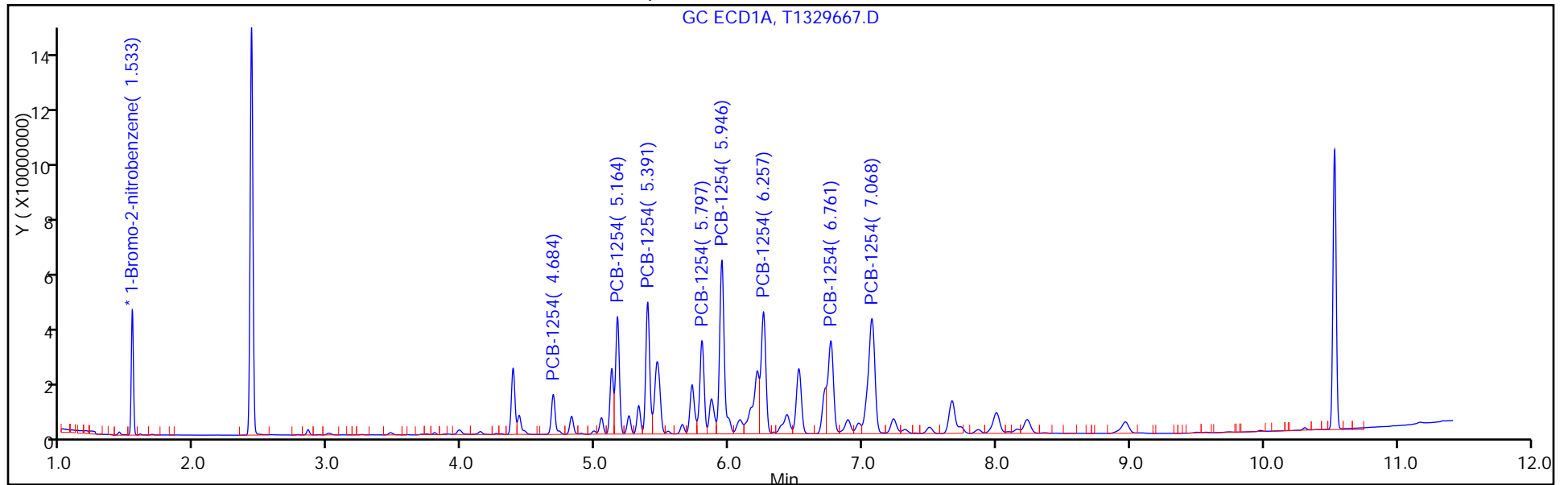
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/12 | T1329667.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 0.0118 | | | | Ave | | 0.0118 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 2 | 0.0315 | | | | Ave | | 0.0315 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 3 | 0.0440 | | | | Ave | | 0.0440 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 4 | 0.0341 | | | | Ave | | 0.0341 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 5 | 0.0589 | | | | Ave | | 0.0589 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 6 | 0.0460 | | | | Ave | | 0.0460 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 7 | 0.0410 | | | | Ave | | 0.0410 | | | | | | 20.0 | | | 0.9900 |
| PCB-1254 Peak 8 | 0.0618 | | | | Ave | | 0.0618 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:14 Calibration End Date: 06/17/2016 19:14 Calibration ID: 56344

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/12 | T1329667.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | BNB | Ave | 26458336 | | | | | | 1000 | | | | |
| PCB-1254 Peak 2 | BNB | Ave | 70491895 | | | | | | 1000 | | | | |
| PCB-1254 Peak 3 | BNB | Ave | 98568806 | | | | | | 1000 | | | | |
| PCB-1254 Peak 4 | BNB | Ave | 76333301 | | | | | | 1000 | | | | |
| PCB-1254 Peak 5 | BNB | Ave | 131779144 | | | | | | 1000 | | | | |
| PCB-1254 Peak 6 | BNB | Ave | 103083589 | | | | | | 1000 | | | | |
| PCB-1254 Peak 7 | BNB | Ave | 91735193 | | | | | | 1000 | | | | |
| PCB-1254 Peak 8 | BNB | Ave | 138261384 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D
 Lims ID: IC 1254
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:14:55 ALS Bottle#: 13 Worklist Smp#: 12
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-012
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub7
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:05 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:05:54

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------|--|
| 1 | 1.533 | 1.533 | 0.000 | 49619620 | 20.0 | 20.0 | |
| 2 | 1.367 | 1.367 | 0.000 | 44775479 | 20.0 | 20.0 | |

RPD = 0.00

7 PCB-1254

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 1 | 4.684 | 4.684 | 0.000 | 29133108 | 1000.0 | 1000.0 | a |
| 1 | 5.164 | 5.164 | 0.000 | 81867095 | 1000.0 | 1000.0 | a |
| 1 | 5.391 | 5.391 | 0.000 | 95877038 | 1000.0 | 1000.0 | a |
| 1 | 5.797 | 5.797 | 0.000 | 74380731 | 1000.0 | 1000.0 | a |
| 1 | 5.946 | 5.946 | 0.000 | 151049862 | 1000.0 | 1000.0 | a |
| 1 | 6.257 | 6.257 | 0.000 | 107636280 | 1000.0 | 1000.0 | a |
| 1 | 6.761 | 6.761 | 0.000 | 94722298 | 1000.0 | 1000.0 | M |
| 1 | 7.068 | 7.068 | 0.000 | 145227823 | 1000.0 | 1000.0 | a |

Average of Peak Amounts = 1000.0

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 3.769 | 3.769 | 0.000 | 26458336 | 1000.0 | 1000.0 | M |
| 2 | 4.180 | 4.180 | 0.000 | 70491895 | 1000.0 | 1000.0 | M |
| 2 | 4.465 | 4.465 | 0.000 | 98568806 | 1000.0 | 1000.0 | M |
| 2 | 4.755 | 4.755 | 0.000 | 76333301 | 1000.0 | 1000.0 | M |
| 2 | 4.887 | 4.887 | 0.000 | 131779144 | 1000.0 | 1000.0 | M |
| 2 | 5.189 | 5.189 | 0.000 | 103083589 | 1000.0 | 1000.0 | M |
| 2 | 5.395 | 5.395 | 0.000 | 91735193 | 1000.0 | 1000.0 | M |
| 2 | 5.709 | 5.709 | 0.000 | 138261384 | 1000.0 | 1000.0 | M |

Average of Peak Amounts = 1000.0

RPD = 0.00

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1254L3_00027

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329667.D

Injection Date: 17-Jun-2016 19:14:55

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1254

Worklist Smp#: 12

Client ID:

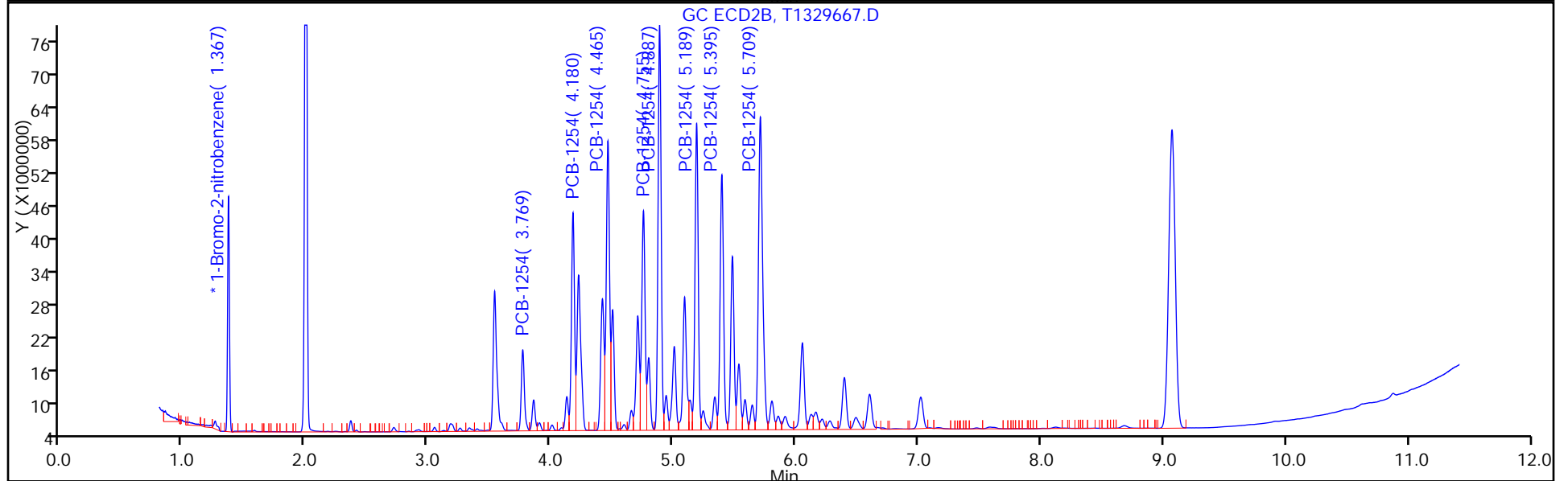
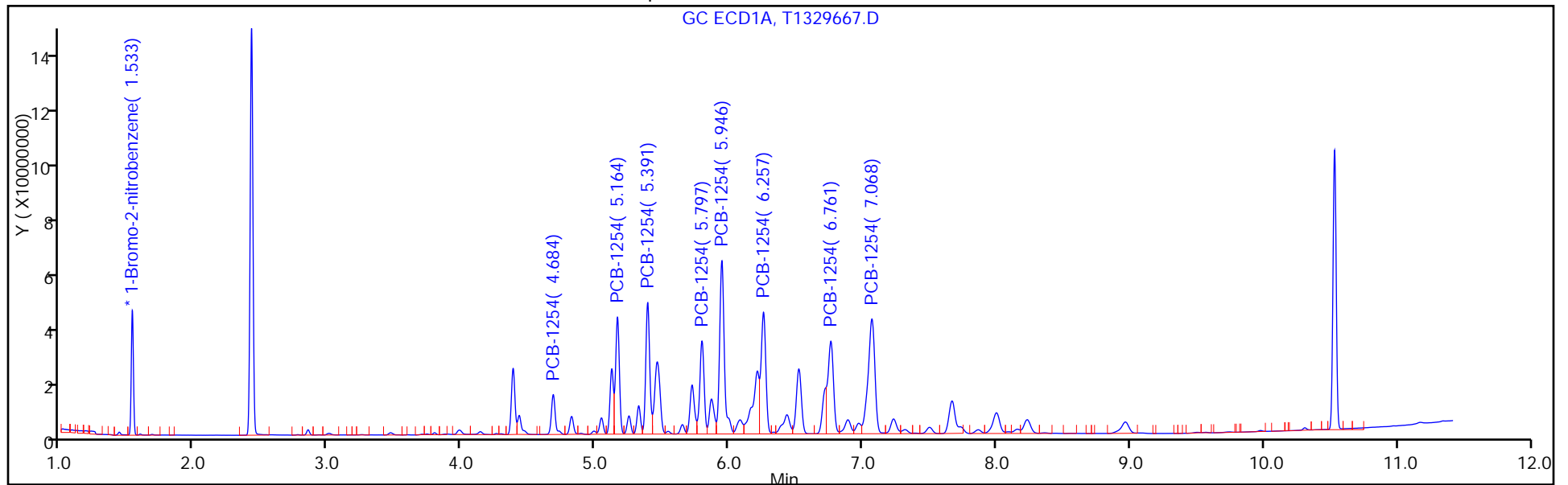
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 13

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/13 | T1329668.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1262 Peak 1 | 0.0361 | | | | Ave | | 0.0361 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 2 | 0.0419 | | | | Ave | | 0.0419 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 3 | 0.0620 | | | | Ave | | 0.0620 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 4 | 0.0568 | | | | Ave | | 0.0568 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 5 | 0.1148 | | | | Ave | | 0.1148 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 6 | 0.0182 | | | | Ave | | 0.0182 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 7 | 0.0412 | | | | Ave | | 0.0412 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 8 | 0.0142 | | | | Ave | | 0.0142 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56349

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/13 | T1329668.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | | |
| PCB-1262 Peak 1 | BNB | Ave | 89674640 | | | | | | 1000 | | | | |
| PCB-1262 Peak 2 | BNB | Ave | 104035024 | | | | | | 1000 | | | | |
| PCB-1262 Peak 3 | BNB | Ave | 154090069 | | | | | | 1000 | | | | |
| PCB-1262 Peak 4 | BNB | Ave | 141181898 | | | | | | 1000 | | | | |
| PCB-1262 Peak 5 | BNB | Ave | 285081371 | | | | | | 1000 | | | | |
| PCB-1262 Peak 6 | BNB | Ave | 45130632 | | | | | | 1000 | | | | |
| PCB-1262 Peak 7 | BNB | Ave | 102259307 | | | | | | 1000 | | | | |
| PCB-1262 Peak 8 | BNB | Ave | 35317029 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
 Lims ID: IC 1262
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-013
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub8
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 49668793 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 45259079 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

9 PCB-1262

| | | | | | | | |
|---|--------|--------|-------|-----------|--------|---------------------------|--------|
| 1 | 6.213 | 6.213 | 0.000 | 89674640 | 1000.0 | 1000.0 | a |
| 1 | 6.524 | 6.524 | 0.000 | 104035024 | 1000.0 | 1000.0 | a |
| 1 | 7.229 | 7.229 | 0.000 | 154090069 | 1000.0 | 1000.0 | a |
| 1 | 7.738 | 7.738 | 0.000 | 141181898 | 1000.0 | 1000.0 | a |
| 1 | 8.233 | 8.233 | 0.000 | 285081371 | 1000.0 | 1000.0 | a |
| 1 | 9.744 | 9.744 | 0.000 | 45130632 | 1000.0 | 1000.0 | a |
| 1 | 9.974 | 9.974 | 0.000 | 102259307 | 1000.0 | 1000.0 | |
| 1 | 10.306 | 10.306 | 0.000 | 35317029 | 1000.0 | 1000.0 | |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| 2 | 5.092 | 5.092 | 0.000 | 81745945 | 1000.0 | 1000.0 | M |
| 2 | 6.164 | 6.164 | 0.000 | 138403732 | 1000.0 | 1000.0 | M |
| 2 | 6.602 | 6.602 | 0.000 | 289513373 | 1000.0 | 1000.0 | M |
| 2 | 7.019 | 7.019 | 0.000 | 102630866 | 1000.0 | 1000.0 | a |
| 2 | 7.160 | 7.160 | 0.000 | 123711143 | 1000.0 | 1000.0 | a |
| 2 | 7.626 | 7.626 | 0.000 | 48287897 | 1000.0 | 1000.0 | a |
| 2 | 8.121 | 8.121 | 0.000 | 108064398 | 1000.0 | 1000.0 | a |
| 2 | 8.681 | 8.681 | 0.000 | 40912250 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| | | | | | | RPD = 0.00 | |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1262L3_00023

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date: 17-Jun-2016 19:29:21

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

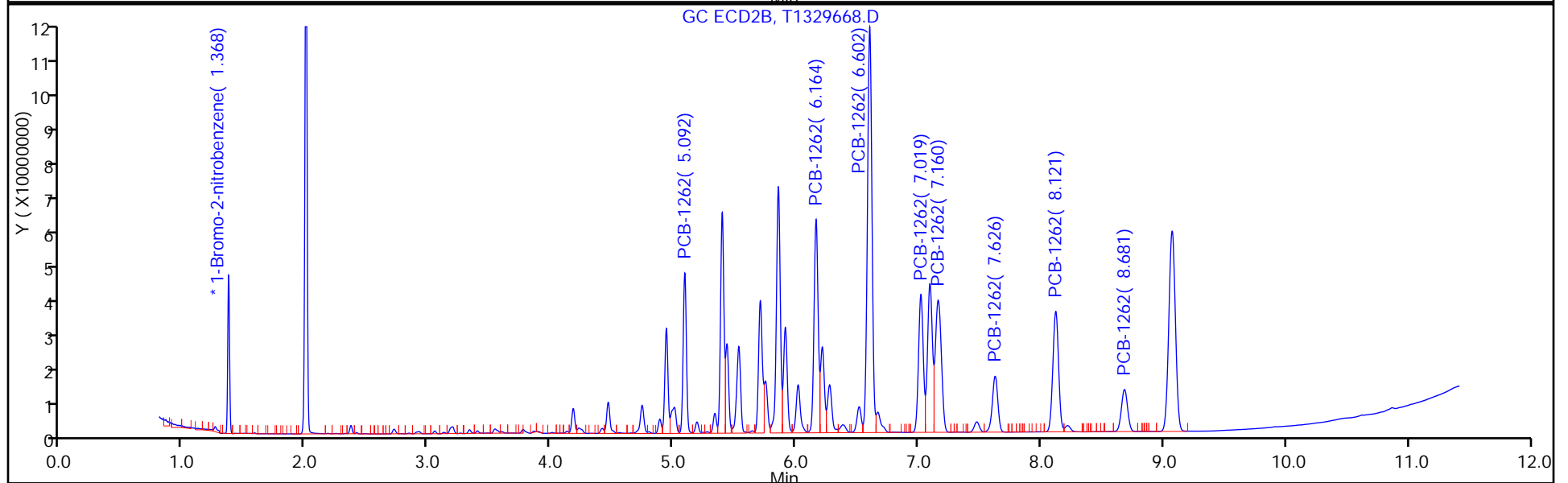
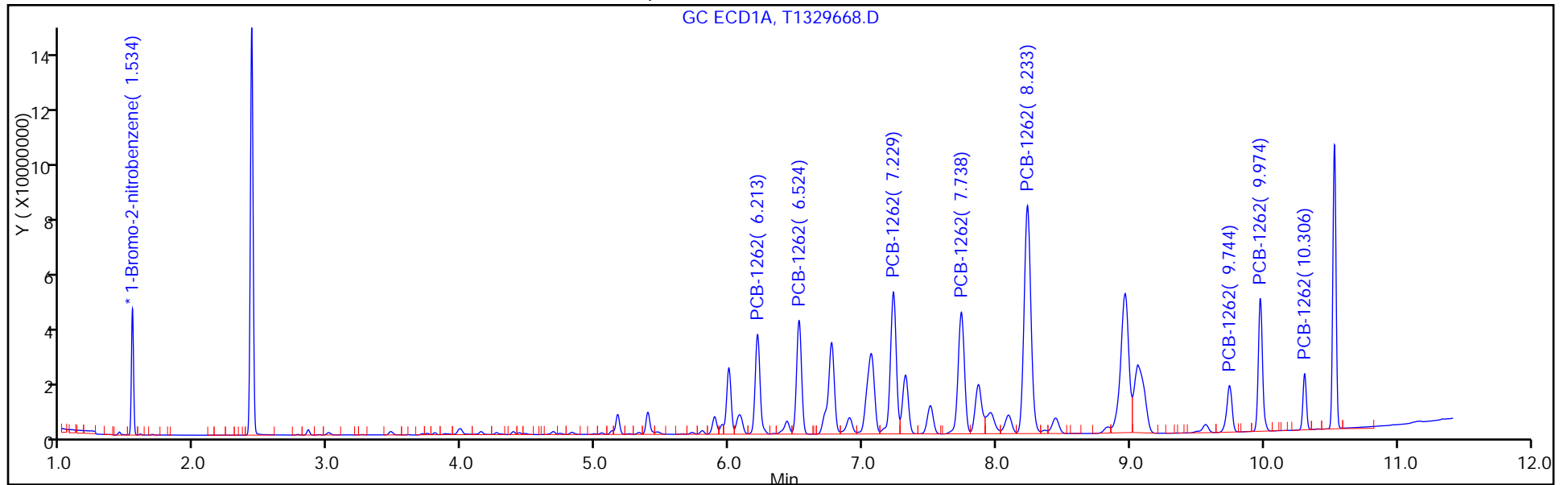
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/13 | T1329668.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R ² OR COD | # | MIN R ² OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|-----------------------|---|---------------------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1262 Peak 1 | 0.0361 | | | | Ave | | 0.0361 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 2 | 0.0612 | | | | Ave | | 0.0612 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 3 | 0.1279 | | | | Ave | | 0.1279 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 4 | 0.0454 | | | | Ave | | 0.0454 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 5 | 0.0547 | | | | Ave | | 0.0547 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 6 | 0.0213 | | | | Ave | | 0.0213 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 7 | 0.0478 | | | | Ave | | 0.0478 | | | | | | 20.0 | | | 0.9900 |
| PCB-1262 Peak 8 | 0.0181 | | | | Ave | | 0.0181 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:29 Calibration End Date: 06/17/2016 19:29 Calibration ID: 56350

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/13 | T1329668.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1262 Peak 1 | BNB | Ave | 81745945 | | | | | 1000 | | | | |
| PCB-1262 Peak 2 | BNB | Ave | 138403732 | | | | | 1000 | | | | |
| PCB-1262 Peak 3 | BNB | Ave | 289513373 | | | | | 1000 | | | | |
| PCB-1262 Peak 4 | BNB | Ave | 102630866 | | | | | 1000 | | | | |
| PCB-1262 Peak 5 | BNB | Ave | 123711143 | | | | | 1000 | | | | |
| PCB-1262 Peak 6 | BNB | Ave | 48287897 | | | | | 1000 | | | | |
| PCB-1262 Peak 7 | BNB | Ave | 108064398 | | | | | 1000 | | | | |
| PCB-1262 Peak 8 | BNB | Ave | 40912250 | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D
 Lims ID: IC 1262
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:29:21 ALS Bottle#: 14 Worklist Smp#: 13
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-013
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub8
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:14 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:07:42

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 49668793 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 45259079 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

9 PCB-1262

| | | | | | | | |
|---|--------|--------|-------|-----------|--------|---------------------------|--------|
| 1 | 6.213 | 6.213 | 0.000 | 89674640 | 1000.0 | 1000.0 | a |
| 1 | 6.524 | 6.524 | 0.000 | 104035024 | 1000.0 | 1000.0 | a |
| 1 | 7.229 | 7.229 | 0.000 | 154090069 | 1000.0 | 1000.0 | a |
| 1 | 7.738 | 7.738 | 0.000 | 141181898 | 1000.0 | 1000.0 | a |
| 1 | 8.233 | 8.233 | 0.000 | 285081371 | 1000.0 | 1000.0 | a |
| 1 | 9.744 | 9.744 | 0.000 | 45130632 | 1000.0 | 1000.0 | a |
| 1 | 9.974 | 9.974 | 0.000 | 102259307 | 1000.0 | 1000.0 | |
| 1 | 10.306 | 10.306 | 0.000 | 35317029 | 1000.0 | 1000.0 | |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| 2 | 5.092 | 5.092 | 0.000 | 81745945 | 1000.0 | 1000.0 | M |
| 2 | 6.164 | 6.164 | 0.000 | 138403732 | 1000.0 | 1000.0 | M |
| 2 | 6.602 | 6.602 | 0.000 | 289513373 | 1000.0 | 1000.0 | M |
| 2 | 7.019 | 7.019 | 0.000 | 102630866 | 1000.0 | 1000.0 | a |
| 2 | 7.160 | 7.160 | 0.000 | 123711143 | 1000.0 | 1000.0 | a |
| 2 | 7.626 | 7.626 | 0.000 | 48287897 | 1000.0 | 1000.0 | a |
| 2 | 8.121 | 8.121 | 0.000 | 108064398 | 1000.0 | 1000.0 | a |
| 2 | 8.681 | 8.681 | 0.000 | 40912250 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| | | | | | | RPD = 0.00 | |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1262L3_00023

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329668.D

Injection Date: 17-Jun-2016 19:29:21

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1262

Worklist Smp#: 13

Client ID:

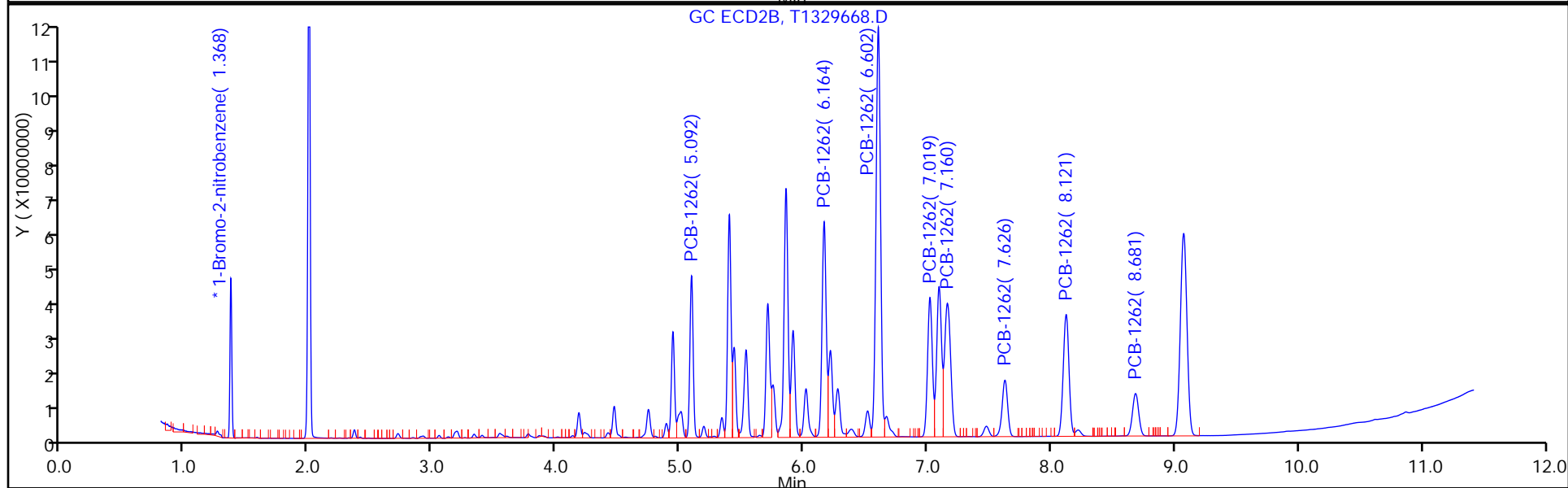
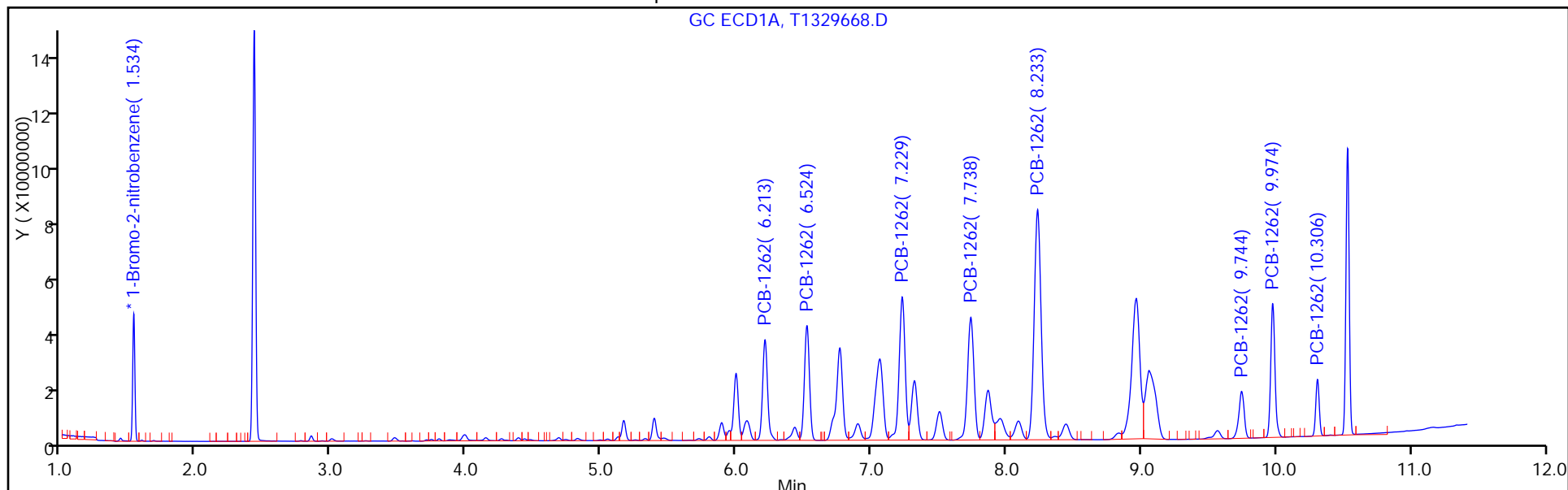
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 14

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/14 | T1329669.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1268 Peak 1 | 0.0215 | | | | Ave | | 0.0215 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 2 | 0.0279 | | | | Ave | | 0.0279 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 3 | 0.1192 | | | | Ave | | 0.1192 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 4 | 0.1132 | | | | Ave | | 0.1132 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 5 | 0.0941 | | | | Ave | | 0.0941 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 6 | 0.0260 | | | | Ave | | 0.0260 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 7 | 0.0391 | | | | Ave | | 0.0391 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 8 | 0.2629 | | | | Ave | | 0.2629 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56355

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/14 | T1329669.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1268 Peak 1 | BNB | Ave | 52457685 | | | | | 1000 | | | | |
| PCB-1268 Peak 2 | BNB | Ave | 68085509 | | | | | 1000 | | | | |
| PCB-1268 Peak 3 | BNB | Ave | 291403355 | | | | | 1000 | | | | |
| PCB-1268 Peak 4 | BNB | Ave | 276694202 | | | | | 1000 | | | | |
| PCB-1268 Peak 5 | BNB | Ave | 230000843 | | | | | 1000 | | | | |
| PCB-1268 Peak 6 | BNB | Ave | 63648345 | | | | | 1000 | | | | |
| PCB-1268 Peak 7 | BNB | Ave | 95650107 | | | | | 1000 | | | | |
| PCB-1268 Peak 8 | BNB | Ave | 642543789 | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Lims ID: IC 1268
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-014
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub9
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48876217 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 45299420 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

10 PCB-1268

| | | | | | | | |
|---------------------------|--------|--------|-------|-----------|--------|------------|---|
| 1 | 7.228 | 7.228 | 0.000 | 52457685 | 1000.0 | 1000.0 | a |
| 1 | 7.741 | 7.741 | 0.000 | 68085509 | 1000.0 | 1000.0 | a |
| 1 | 8.958 | 8.958 | 0.000 | 291403355 | 1000.0 | 1000.0 | a |
| 1 | 9.054 | 9.054 | 0.000 | 276694202 | 1000.0 | 1000.0 | a |
| 1 | 9.566 | 9.566 | 0.000 | 230000843 | 1000.0 | 1000.0 | a |
| 1 | 9.716 | 9.716 | 0.000 | 63648345 | 1000.0 | 1000.0 | a |
| 1 | 9.973 | 9.973 | 0.000 | 95650107 | 1000.0 | 1000.0 | a |
| 1 | 10.299 | 10.299 | 0.000 | 642543789 | 1000.0 | 1000.0 | a |
| Average of Peak Amounts = | | | | | | 1000.0 | |
| 2 | 6.158 | 6.158 | 0.000 | 65956426 | 1000.0 | 1000.0 | a |
| 2 | 6.596 | 6.596 | 0.000 | 45181531 | 1000.0 | 1000.0 | a |
| 2 | 7.093 | 7.093 | 0.000 | 293338664 | 1000.0 | 1000.0 | a |
| 2 | 7.153 | 7.153 | 0.000 | 269759018 | 1000.0 | 1000.0 | a |
| 2 | 7.475 | 7.475 | 0.000 | 238832073 | 1000.0 | 1000.0 | a |
| 2 | 7.618 | 7.618 | 0.000 | 66742099 | 1000.0 | 1000.0 | a |
| 2 | 8.118 | 8.118 | 0.000 | 105420910 | 1000.0 | 1000.0 | a |
| 2 | 8.680 | 8.680 | 0.000 | 756916830 | 1000.0 | 1000.0 | a |
| Average of Peak Amounts = | | | | | | 1000.0 | |
| | | | | | | RPD = 0.00 | |

Reagents:

SG1268L3_00024

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date: 17-Jun-2016 19:43:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

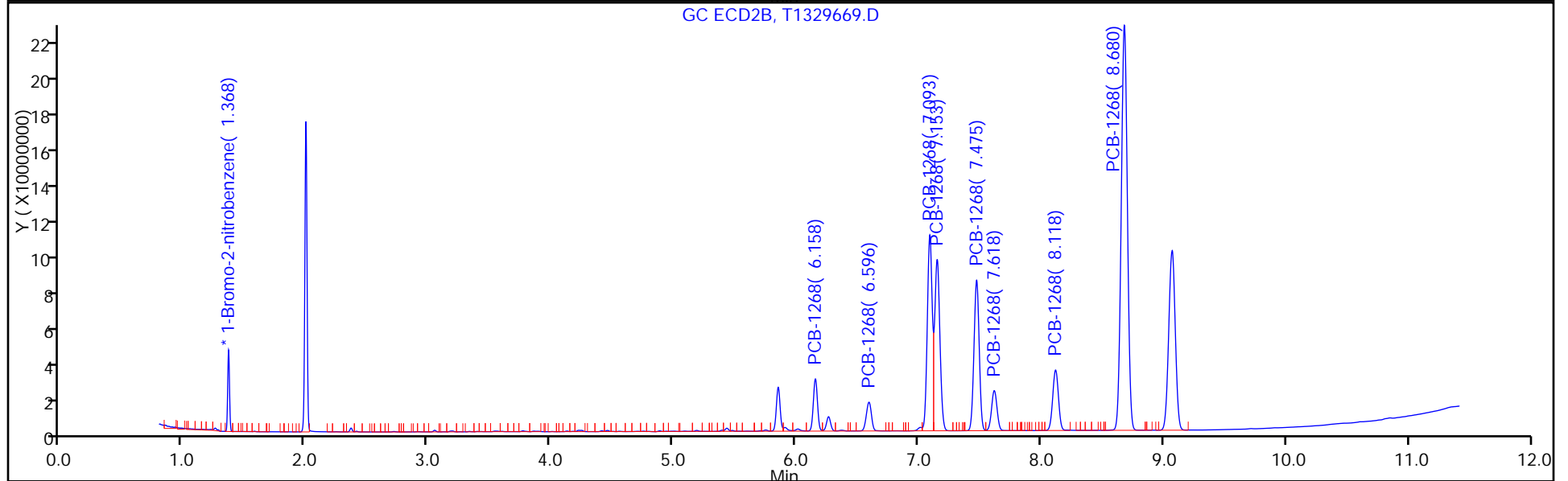
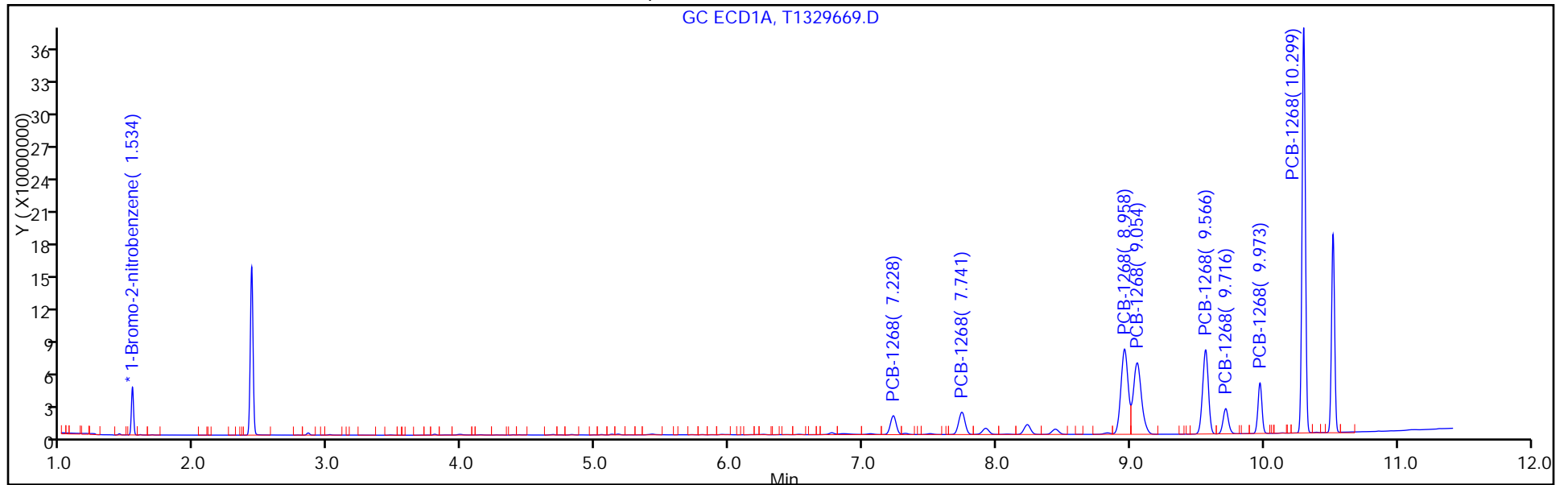
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/14 | T1329669.D |

| ANALYTE | RRF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN RRF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|--------|----|---|---------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1268 Peak 1 | 0.0291 | | | | Ave | | 0.0291 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 2 | 0.0199 | | | | Ave | | 0.0199 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 3 | 0.1295 | | | | Ave | | 0.1295 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 4 | 0.1191 | | | | Ave | | 0.1191 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 5 | 0.1054 | | | | Ave | | 0.1054 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 6 | 0.0295 | | | | Ave | | 0.0295 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 7 | 0.0465 | | | | Ave | | 0.0465 | | | | | | 20.0 | | | 0.9900 |
| PCB-1268 Peak 8 | 0.3342 | | | | Ave | | 0.3342 | | | | | | 20.0 | | | 0.9900 |

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

FORM VI
 PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-118325-3 Analy Batch No.: 374290

SDG No.: _____

Instrument ID: CPESTGC11 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2016 19:43 Calibration End Date: 06/17/2016 19:43 Calibration ID: 56356

Calibration Files:

| | | |
|---------|------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | IC 460-374290/14 | T1329669.D |

| ANALYTE | IS REF | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | | |
|-----------------|--------|------------|-----------|--|--|--|--|----------------------|-------|--|--|--|--|
| | | | LVL 1 | | | | | | LVL 1 | | | | |
| PCB-1268 Peak 1 | BNB | Ave | 65956426 | | | | | | 1000 | | | | |
| PCB-1268 Peak 2 | BNB | Ave | 45181531 | | | | | | 1000 | | | | |
| PCB-1268 Peak 3 | BNB | Ave | 293338664 | | | | | | 1000 | | | | |
| PCB-1268 Peak 4 | BNB | Ave | 269759018 | | | | | | 1000 | | | | |
| PCB-1268 Peak 5 | BNB | Ave | 238832073 | | | | | | 1000 | | | | |
| PCB-1268 Peak 6 | BNB | Ave | 66742099 | | | | | | 1000 | | | | |
| PCB-1268 Peak 7 | BNB | Ave | 105420910 | | | | | | 1000 | | | | |
| PCB-1268 Peak 8 | BNB | Ave | 756916830 | | | | | | 1000 | | | | |

Curve Type Legend:

Ave = Average ISTD

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Lims ID: IC 1268
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 17-Jun-2016 19:43:54 ALS Bottle#: 15 Worklist Smp#: 14
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-014
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub9
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:12:20 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 08:09:04

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.534 | 1.534 | 0.000 | 48876217 | 20.0 | 20.0 | |
| 2 | 1.368 | 1.368 | 0.000 | 45299420 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

10 PCB-1268

| | | | | | | | |
|---|--------|--------|-------|-----------|--------|---------------------------|--------|
| 1 | 7.228 | 7.228 | 0.000 | 52457685 | 1000.0 | 1000.0 | a |
| 1 | 7.741 | 7.741 | 0.000 | 68085509 | 1000.0 | 1000.0 | a |
| 1 | 8.958 | 8.958 | 0.000 | 291403355 | 1000.0 | 1000.0 | a |
| 1 | 9.054 | 9.054 | 0.000 | 276694202 | 1000.0 | 1000.0 | a |
| 1 | 9.566 | 9.566 | 0.000 | 230000843 | 1000.0 | 1000.0 | a |
| 1 | 9.716 | 9.716 | 0.000 | 63648345 | 1000.0 | 1000.0 | a |
| 1 | 9.973 | 9.973 | 0.000 | 95650107 | 1000.0 | 1000.0 | a |
| 1 | 10.299 | 10.299 | 0.000 | 642543789 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| 2 | 6.158 | 6.158 | 0.000 | 65956426 | 1000.0 | 1000.0 | a |
| 2 | 6.596 | 6.596 | 0.000 | 45181531 | 1000.0 | 1000.0 | a |
| 2 | 7.093 | 7.093 | 0.000 | 293338664 | 1000.0 | 1000.0 | a |
| 2 | 7.153 | 7.153 | 0.000 | 269759018 | 1000.0 | 1000.0 | a |
| 2 | 7.475 | 7.475 | 0.000 | 238832073 | 1000.0 | 1000.0 | a |
| 2 | 7.618 | 7.618 | 0.000 | 66742099 | 1000.0 | 1000.0 | a |
| 2 | 8.118 | 8.118 | 0.000 | 105420910 | 1000.0 | 1000.0 | a |
| 2 | 8.680 | 8.680 | 0.000 | 756916830 | 1000.0 | 1000.0 | a |
| | | | | | | Average of Peak Amounts = | 1000.0 |
| | | | | | | RPD = 0.00 | |

Reagents:

SG1268L3_00024

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Injection Date: 17-Jun-2016 19:43:54

Instrument ID: CPESTGC11

Operator ID:

Lims ID: IC 1268

Worklist Smp#: 14

Client ID:

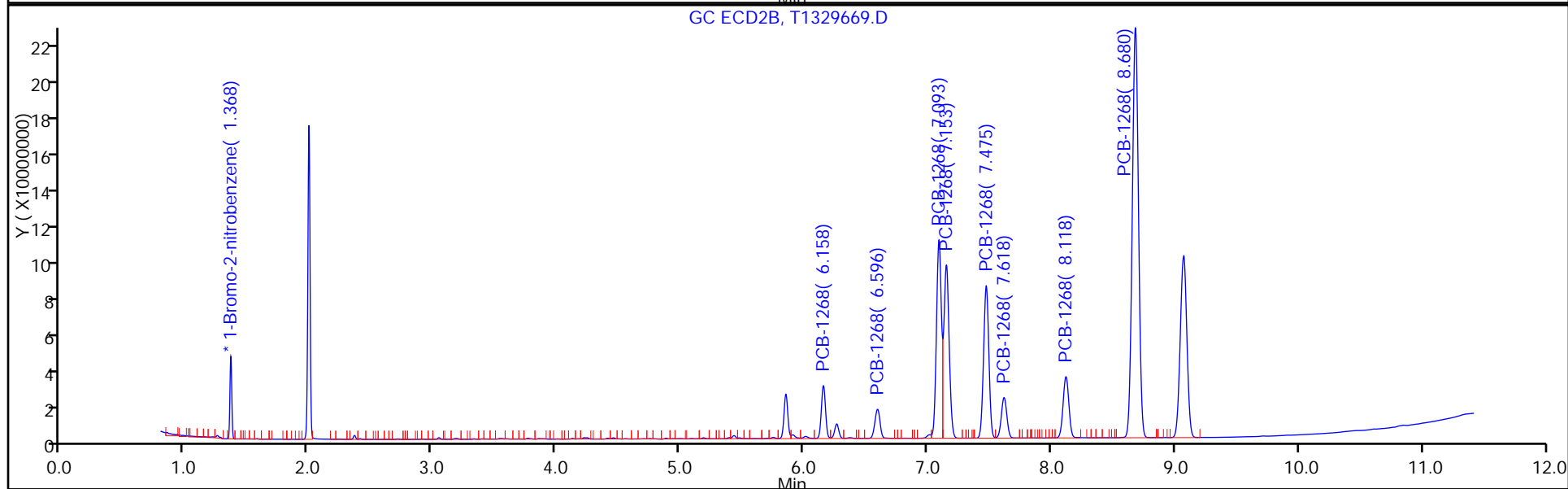
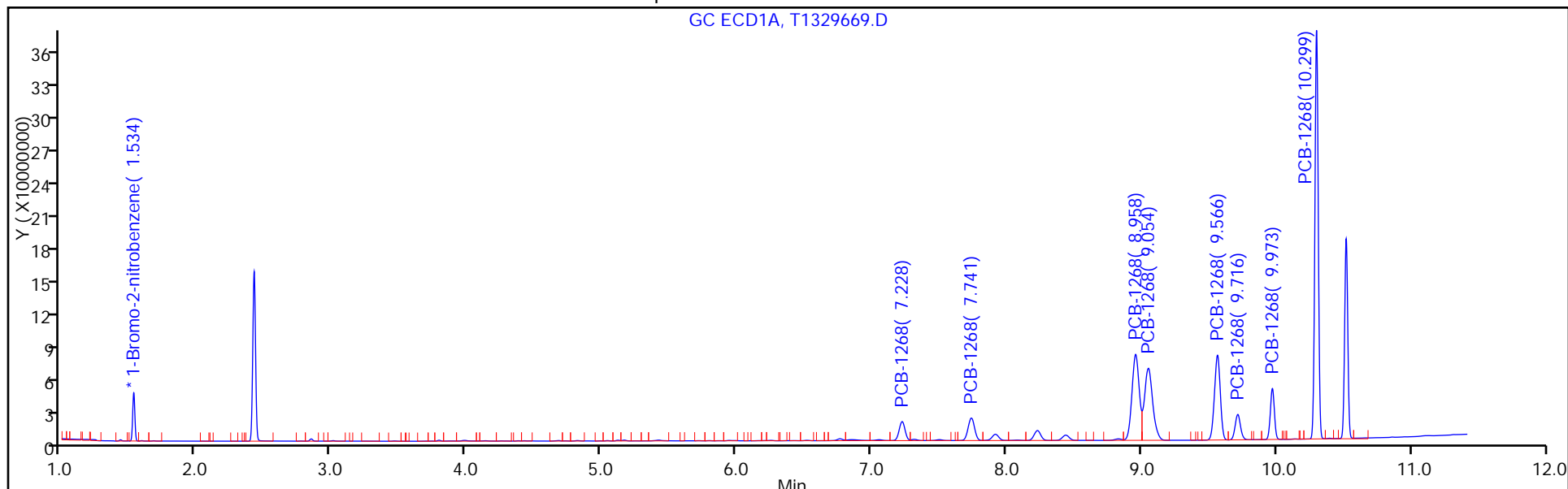
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 15

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1329662.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|-----------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| PCB-1016 Peak 1 | Ave | 0.0164 | 0.0162 | | 986 | 1000 | -1.4 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0346 | | 1070 | 1000 | 6.9 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0141 | 0.0137 | | 974 | 1000 | -2.6 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0660 | 0.0695 | | 1050 | 1000 | 5.3 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0278 | 0.0288 | | 1040 | 1000 | 3.6 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0143 | 0.0155 | | 1080 | 1000 | 8.4 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0222 | 0.0228 | | 1020 | 1000 | 2.4 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0246 | 0.0226 | | 919 | 1000 | -8.1 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0211 | 0.0206 | | 974 | 1000 | -2.6 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0445 | 0.0467 | | 1050 | 1000 | 5.0 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0520 | 0.0533 | | 1030 | 1000 | 2.5 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0418 | 0.0377 | | 901 | 1000 | -9.9 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0461 | 0.0443 | | 961 | 1000 | -3.9 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0968 | 0.0912 | | 943 | 1000 | -5.7 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0725 | 0.0695 | | 959 | 1000 | -4.1 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0268 | 0.0231 | | 861 | 1000 | -13.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1329662.D

| Analyte | RT | RT WINDOW | |
|-----------------|------|-----------|-------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 3.00 | 2.97 | 3.03 |
| PCB-1016 Peak 2 | 3.47 | 3.44 | 3.50 |
| PCB-1016 Peak 3 | 3.74 | 3.71 | 3.77 |
| PCB-1016 Peak 4 | 3.99 | 3.96 | 4.02 |
| PCB-1016 Peak 5 | 4.14 | 4.11 | 4.17 |
| PCB-1016 Peak 6 | 4.38 | 4.35 | 4.41 |
| PCB-1016 Peak 7 | 4.68 | 4.65 | 4.71 |
| PCB-1016 Peak 8 | 4.82 | 4.79 | 4.85 |
| PCB-1260 Peak 1 | 6.00 | 5.97 | 6.03 |
| PCB-1260 Peak 2 | 6.21 | 6.18 | 6.24 |
| PCB-1260 Peak 3 | 6.52 | 6.49 | 6.55 |
| PCB-1260 Peak 4 | 7.23 | 7.20 | 7.26 |
| PCB-1260 Peak 5 | 7.73 | 7.71 | 7.77 |
| PCB-1260 Peak 6 | 8.23 | 8.20 | 8.26 |
| PCB-1260 Peak 7 | 8.96 | 8.93 | 8.99 |
| PCB-1260 Peak 8 | 9.98 | 9.95 | 10.01 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-007
 Operator ID: Instrument ID: CPESTGC11
 Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene M
 1 1.534 1.534 0.000 47837155 20.0 20.0
 2 1.367 1.367 0.000 41401410 20.0 20.0 M

RPD = 0.00

5 PCB-1016 M

1 2.997 2.998 -0.001 38768946 1000.0 985.8
 1 3.466 3.465 0.001 82720292 1000.0 1069.2
 1 3.739 3.738 0.001 32806436 1000.0 973.8
 1 3.985 3.985 0.000 166195021 1000.0 1052.7
 1 4.142 4.142 0.000 68964876 1000.0 1036.2
 1 4.384 4.384 0.000 37080461 1000.0 1083.7
 1 4.683 4.684 -0.001 54434962 1000.0 1024.4
 1 4.821 4.822 -0.001 53992949 1000.0 918.8

Average of Peak Amounts = 1018.1

2 2.360 2.360 0.000 33815992 1000.0 984.4
 2 2.717 2.718 -0.001 74744319 1000.0 1114.0
 2 2.920 2.921 -0.001 49986897 1000.0 1115.9
 2 3.195 3.194 0.001 166914488 1000.0 1119.6
 2 3.333 3.333 0.000 69786287 1000.0 1133.2
 2 3.397 3.397 0.000 41293237 1000.0 1085.7
 2 3.770 3.770 0.000 67501609 1000.0 1081.3
 2 3.860 3.860 0.000 36349734 1000.0 1043.4 M

Average of Peak Amounts = 1084.7

RPD = 6.34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|---------------------------|-------|-------|--------|-----------|--------|--------|---|
| 8 PCB-1260 | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 49256236 | 1000.0 | 973.7 | |
| 1 | 6.210 | 6.211 | -0.001 | 111683003 | 1000.0 | 1049.8 | |
| 1 | 6.521 | 6.521 | 0.000 | 127496396 | 1000.0 | 1025.5 | |
| 1 | 7.225 | 7.228 | -0.003 | 90112541 | 1000.0 | 901.3 | |
| 1 | 7.734 | 7.735 | -0.001 | 105956793 | 1000.0 | 961.2 | |
| 1 | 8.228 | 8.230 | -0.002 | 218179687 | 1000.0 | 942.6 | |
| 1 | 8.963 | 8.960 | 0.003 | 166147295 | 1000.0 | 958.6 | |
| 1 | 9.978 | 9.979 | -0.001 | 55212855 | 1000.0 | 860.9 | |
| Average of Peak Amounts = | | | | | | 959.2 | |
| 2 | 5.090 | 5.091 | -0.001 | 96592775 | 1000.0 | 1075.2 | M |
| 2 | 5.708 | 5.708 | 0.000 | 177512496 | 1000.0 | 1143.9 | M |
| 2 | 5.855 | 5.855 | 0.000 | 85359198 | 1000.0 | 902.3 | M |
| 2 | 6.163 | 6.162 | 0.001 | 92577897 | 1000.0 | 963.7 | M |
| 2 | 6.600 | 6.600 | 0.000 | 207530422 | 1000.0 | 974.6 | M |
| 2 | 7.018 | 7.019 | -0.001 | 116967266 | 1000.0 | 1067.1 | |
| 2 | 7.161 | 7.160 | 0.001 | 54307419 | 1000.0 | 869.1 | |
| 2 | 8.120 | 8.119 | 0.001 | 55167402 | 1000.0 | 897.0 | |
| Average of Peak Amounts = | | | | | | 986.6 | |
| RPD = 2.82 | | | | | | | |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

| | | | |
|-----------------|---------------------|-----------|-------------|
| SGPCBICV_00018 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00006 | Amount Added: 20.00 | Units: uL | Run Reagent |

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date: 17-Jun-2016 18:02:22

Instrument ID: CPESTGC11

Operator ID:

Lims ID: ICV

Worklist Smp#: 7

Client ID:

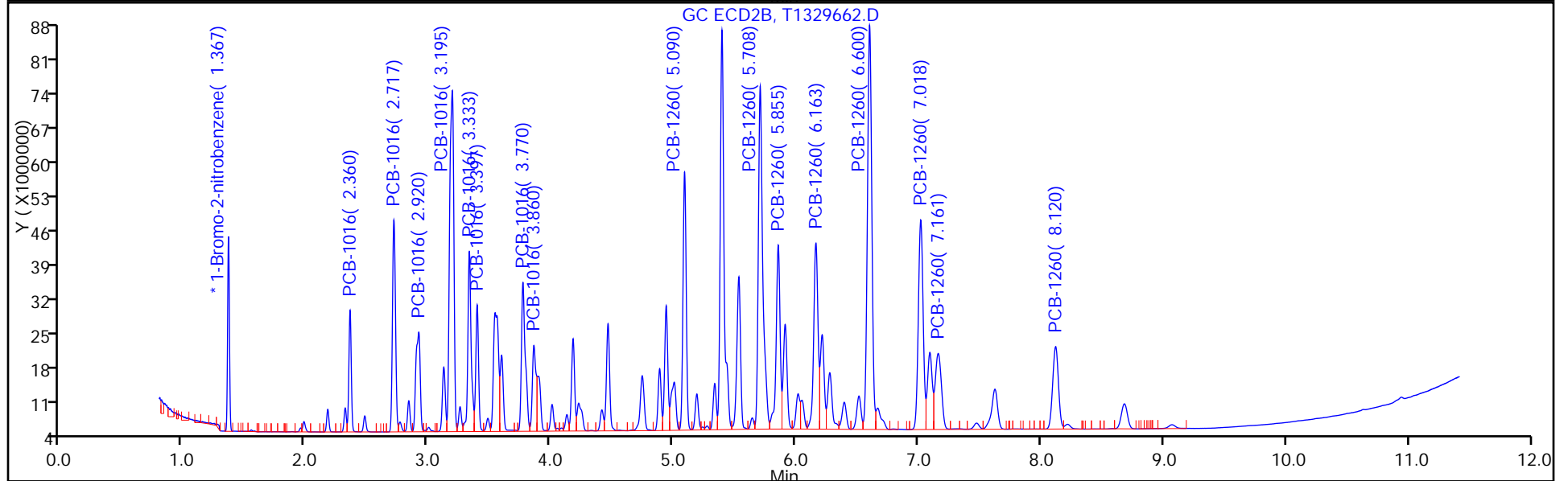
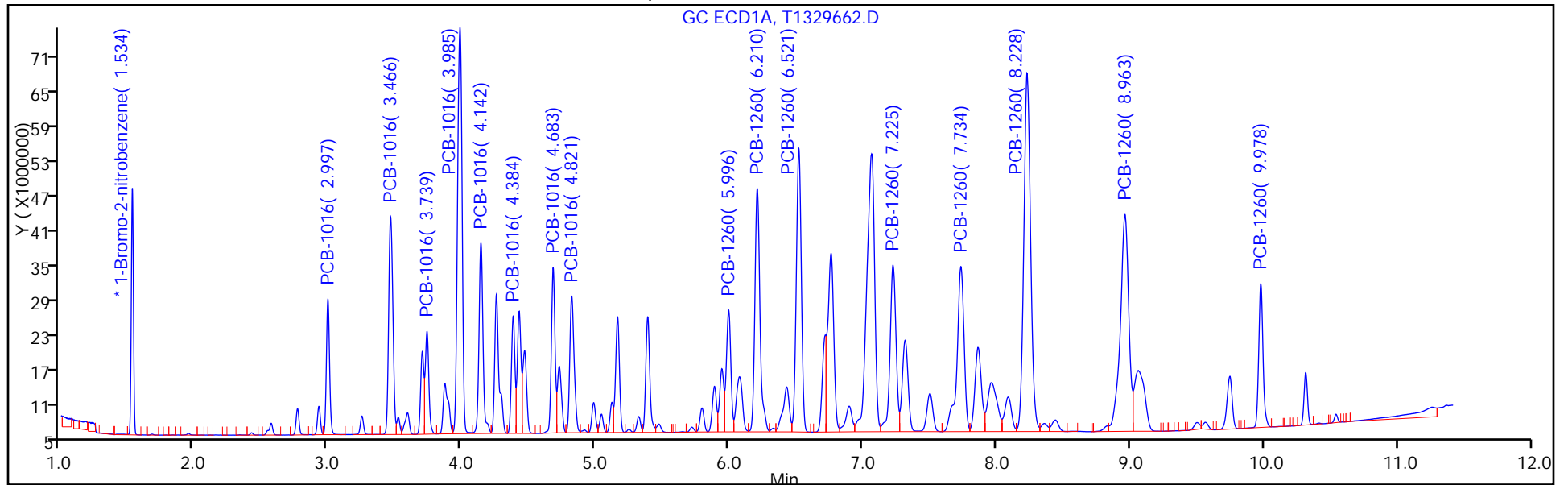
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1329662.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|-----------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0163 | | 984 | 1000 | -1.6 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0324 | 0.0361 | | 1110 | 1000 | 11.4 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0216 | 0.0242 | | 1120 | 1000 | 11.6 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0720 | 0.0806 | | 1120 | 1000 | 12.0 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0297 | 0.0337 | | 1130 | 1000 | 13.3 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0184 | 0.0200 | | 1090 | 1000 | 8.6 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0302 | 0.0326 | | 1080 | 1000 | 8.1 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0168 | 0.0176 | | 1040 | 1000 | 4.3 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0434 | 0.0467 | | 1080 | 1000 | 7.5 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0750 | 0.0858 | | 1140 | 1000 | 14.4 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0457 | 0.0412 | | 902 | 1000 | -9.8 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0464 | 0.0447 | | 964 | 1000 | -3.6 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1029 | 0.1003 | | 975 | 1000 | -2.5 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0530 | 0.0565 | | 1070 | 1000 | 6.7 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0302 | 0.0262 | | 869 | 1000 | -13.1 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0297 | 0.0267 | | 897 | 1000 | -10.3 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: ICV 460-374290/7 Calibration Date: 06/17/2016 18:02
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1329662.D

| Analyte | RT | RT WINDOW | |
|-----------------|------|-----------|------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 2.36 | 2.33 | 2.39 |
| PCB-1016 Peak 2 | 2.72 | 2.69 | 2.75 |
| PCB-1016 Peak 3 | 2.92 | 2.89 | 2.95 |
| PCB-1016 Peak 4 | 3.20 | 3.16 | 3.22 |
| PCB-1016 Peak 5 | 3.33 | 3.30 | 3.36 |
| PCB-1016 Peak 6 | 3.40 | 3.37 | 3.43 |
| PCB-1016 Peak 7 | 3.77 | 3.74 | 3.80 |
| PCB-1016 Peak 8 | 3.86 | 3.83 | 3.89 |
| PCB-1260 Peak 1 | 5.09 | 5.06 | 5.12 |
| PCB-1260 Peak 2 | 5.71 | 5.68 | 5.74 |
| PCB-1260 Peak 3 | 5.86 | 5.83 | 5.89 |
| PCB-1260 Peak 4 | 6.16 | 6.13 | 6.19 |
| PCB-1260 Peak 5 | 6.60 | 6.57 | 6.63 |
| PCB-1260 Peak 6 | 7.02 | 6.99 | 7.05 |
| PCB-1260 Peak 7 | 7.16 | 7.13 | 7.19 |
| PCB-1260 Peak 8 | 8.12 | 8.09 | 8.15 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 17-Jun-2016 18:02:22 ALS Bottle#: 8 Worklist Smp#: 7
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0042300-007
 Operator ID: Instrument ID: CPESTGC11
 Sublist:

Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 19-Jun-2016 09:11:24 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D

Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK008

First Level Reviewer: patelji Date: 19-Jun-2016 07:15:51

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene M
 1 1.534 1.534 0.000 47837155 20.0 20.0
 2 1.367 1.367 0.000 41401410 20.0 20.0 M
 RPD = 0.00

5 PCB-1016 M
 1 2.997 2.998 -0.001 38768946 1000.0 985.8
 1 3.466 3.465 0.001 82720292 1000.0 1069.2
 1 3.739 3.738 0.001 32806436 1000.0 973.8
 1 3.985 3.985 0.000 166195021 1000.0 1052.7
 1 4.142 4.142 0.000 68964876 1000.0 1036.2
 1 4.384 4.384 0.000 37080461 1000.0 1083.7
 1 4.683 4.684 -0.001 54434962 1000.0 1024.4
 1 4.821 4.822 -0.001 53992949 1000.0 918.8
 Average of Peak Amounts = 1018.1
 2 2.360 2.360 0.000 33815992 1000.0 984.4
 2 2.717 2.718 -0.001 74744319 1000.0 1114.0
 2 2.920 2.921 -0.001 49986897 1000.0 1115.9
 2 3.195 3.194 0.001 166914488 1000.0 1119.6
 2 3.333 3.333 0.000 69786287 1000.0 1133.2
 2 3.397 3.397 0.000 41293237 1000.0 1085.7
 2 3.770 3.770 0.000 67501609 1000.0 1081.3
 2 3.860 3.860 0.000 36349734 1000.0 1043.4 M
 Average of Peak Amounts = 1084.7
 RPD = 6.34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|---------------------------|-------|-------|--------|-----------|--------|--------|---|
| 8 PCB-1260 | | | | | | | M |
| 1 | 5.996 | 5.996 | 0.000 | 49256236 | 1000.0 | 973.7 | |
| 1 | 6.210 | 6.211 | -0.001 | 111683003 | 1000.0 | 1049.8 | |
| 1 | 6.521 | 6.521 | 0.000 | 127496396 | 1000.0 | 1025.5 | |
| 1 | 7.225 | 7.228 | -0.003 | 90112541 | 1000.0 | 901.3 | |
| 1 | 7.734 | 7.735 | -0.001 | 105956793 | 1000.0 | 961.2 | |
| 1 | 8.228 | 8.230 | -0.002 | 218179687 | 1000.0 | 942.6 | |
| 1 | 8.963 | 8.960 | 0.003 | 166147295 | 1000.0 | 958.6 | |
| 1 | 9.978 | 9.979 | -0.001 | 55212855 | 1000.0 | 860.9 | |
| Average of Peak Amounts = | | | | | | 959.2 | |
| 2 | 5.090 | 5.091 | -0.001 | 96592775 | 1000.0 | 1075.2 | M |
| 2 | 5.708 | 5.708 | 0.000 | 177512496 | 1000.0 | 1143.9 | M |
| 2 | 5.855 | 5.855 | 0.000 | 85359198 | 1000.0 | 902.3 | M |
| 2 | 6.163 | 6.162 | 0.001 | 92577897 | 1000.0 | 963.7 | M |
| 2 | 6.600 | 6.600 | 0.000 | 207530422 | 1000.0 | 974.6 | M |
| 2 | 7.018 | 7.019 | -0.001 | 116967266 | 1000.0 | 1067.1 | |
| 2 | 7.161 | 7.160 | 0.001 | 54307419 | 1000.0 | 869.1 | |
| 2 | 8.120 | 8.119 | 0.001 | 55167402 | 1000.0 | 897.0 | |
| Average of Peak Amounts = | | | | | | 986.6 | |
| RPD = 2.82 | | | | | | | |

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

| | | | |
|-----------------|---------------------|-----------|-------------|
| SGPCBICV_00018 | Amount Added: 1.00 | Units: mL | |
| SGPCBISTD_00006 | Amount Added: 20.00 | Units: uL | Run Reagent |

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329662.D

Injection Date: 17-Jun-2016 18:02:22

Instrument ID: CPESTGC11

Operator ID:

Lims ID: ICV

Worklist Smp#: 7

Client ID:

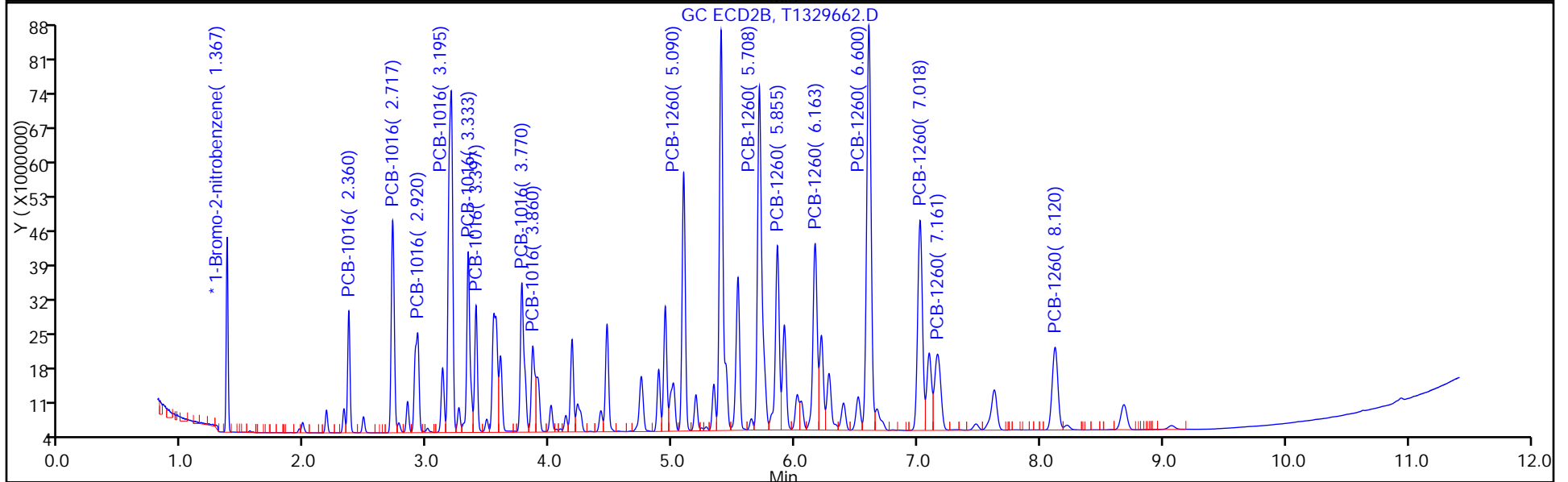
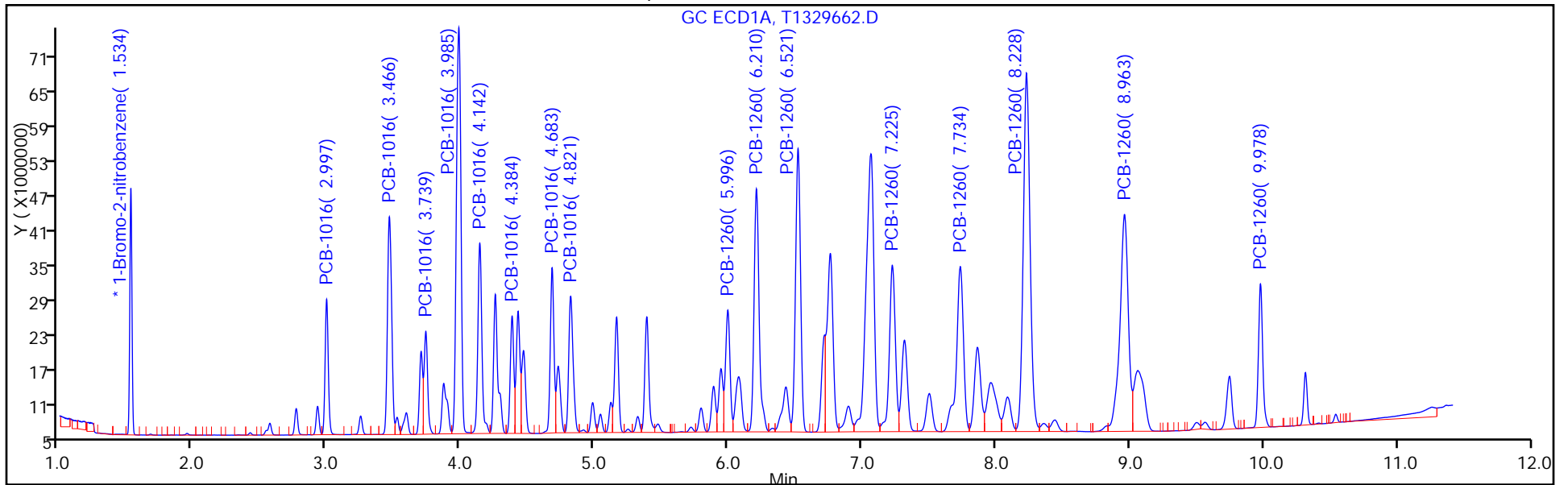
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 8

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332043.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| PCB-1016 Peak 1 | Ave | 0.0164 | 0.0161 | | 978 | 1000 | -2.2 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0313 | | 967 | 1000 | -3.3 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0141 | 0.0126 | | 893 | 1000 | -10.7 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0660 | 0.0638 | | 967 | 1000 | -3.3 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0278 | 0.0268 | | 963 | 1000 | -3.7 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0143 | 0.0142 | | 990 | 1000 | -1.0 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0222 | 0.0215 | | 968 | 1000 | -3.2 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0246 | 0.0244 | | 994 | 1000 | -0.6 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0211 | 0.0208 | | 981 | 1000 | -1.9 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0445 | 0.0428 | | 961 | 1000 | -3.9 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0520 | 0.0489 | | 941 | 1000 | -5.9 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0418 | 0.0399 | | 954 | 1000 | -4.6 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0461 | 0.0436 | | 947 | 1000 | -5.3 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0968 | 0.0909 | | 939 | 1000 | -6.1 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0725 | 0.0677 | | 934 | 1000 | -6.6 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0268 | 0.0253 | | 942 | 1000 | -5.8 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.8815 | 0.8969 | | 102 | 100 | 1.7 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.7153 | 0.6658 | | 93.1 | 100 | -6.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332043.D

| Analyte | RT | RT WINDOW | |
|------------------------|-------|-----------|-------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 2.97 | 2.94 | 3.00 |
| PCB-1016 Peak 2 | 3.44 | 3.41 | 3.47 |
| PCB-1016 Peak 3 | 3.71 | 3.68 | 3.74 |
| PCB-1016 Peak 4 | 3.95 | 3.92 | 3.98 |
| PCB-1016 Peak 5 | 4.11 | 4.08 | 4.14 |
| PCB-1016 Peak 6 | 4.35 | 4.32 | 4.38 |
| PCB-1016 Peak 7 | 4.65 | 4.62 | 4.68 |
| PCB-1016 Peak 8 | 4.79 | 4.76 | 4.82 |
| PCB-1260 Peak 1 | 5.95 | 5.92 | 5.98 |
| PCB-1260 Peak 2 | 6.16 | 6.13 | 6.19 |
| PCB-1260 Peak 3 | 6.47 | 6.44 | 6.50 |
| PCB-1260 Peak 4 | 7.17 | 7.14 | 7.20 |
| PCB-1260 Peak 5 | 7.67 | 7.64 | 7.70 |
| PCB-1260 Peak 6 | 8.17 | 8.14 | 8.20 |
| PCB-1260 Peak 7 | 8.89 | 8.86 | 8.92 |
| PCB-1260 Peak 8 | 9.94 | 9.91 | 9.97 |
| Tetrachloro-m-xylene | 2.40 | 2.37 | 2.43 |
| DCB Decachlorobiphenyl | 10.50 | 10.47 | 10.53 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Aug-2016 07:12:41 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: CCVIS
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|-----------------------------|-------|-------|-------|-----------|-------|-------|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.517 | 1.517 | 0.000 | 39864868 | 20.0 | 20.0 | M |
| 2 | 1.347 | 1.347 | 0.000 | 42615964 | 20.0 | 20.0 | M |
| RPD = 0.00 | | | | | | | |
| \$ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.402 | 2.402 | 0.000 | 178767680 | 100.0 | 101.7 | |
| 2 | 1.969 | 1.969 | 0.000 | 206000404 | 100.0 | 107.7 | |
| RPD = 5.67 | | | | | | | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.969 | 2.969 | 0.000 | 32050930 | 1000.0 | 978.0 | |
| 1 | 3.436 | 3.436 | 0.000 | 62356207 | 1000.0 | 967.1 | |
| 1 | 3.706 | 3.706 | 0.000 | 25066531 | 1000.0 | 892.9 | |
| 1 | 3.954 | 3.954 | 0.000 | 127185081 | 1000.0 | 966.7 | |
| 1 | 4.109 | 4.109 | 0.000 | 53434734 | 1000.0 | 963.4 | |
| 1 | 4.350 | 4.350 | 0.000 | 28233324 | 1000.0 | 990.1 | |
| 1 | 4.649 | 4.649 | 0.000 | 42884922 | 1000.0 | 968.4 | |
| 1 | 4.786 | 4.786 | 0.000 | 48695789 | 1000.0 | 994.4 | |

Average of Peak Amounts = 965.1

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.326 | 2.326 | 0.000 | 36827972 | 1000.0 | 1041.5 | M |
| 2 | 2.679 | 2.679 | 0.000 | 75751380 | 1000.0 | 1096.8 | M |
| 2 | 2.880 | 2.880 | 0.000 | 49280515 | 1000.0 | 1068.8 | M |
| 2 | 3.152 | 3.152 | 0.000 | 160750176 | 1000.0 | 1047.5 | M |
| 2 | 3.291 | 3.291 | 0.000 | 66886501 | 1000.0 | 1055.2 | M |
| 2 | 3.356 | 3.356 | 0.000 | 40399942 | 1000.0 | 1031.9 | M |
| 2 | 3.727 | 3.727 | 0.000 | 66371213 | 1000.0 | 1032.9 | M |
| 2 | 3.816 | 3.816 | 0.000 | 41874572 | 1000.0 | 1167.8 | M |

Average of Peak Amounts = 1067.8

RPD = 10.10

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 5.952 | 5.952 | 0.000 | 41354005 | 1000.0 | 981.0 | |
| 1 | 6.164 | 6.164 | 0.000 | 85223715 | 1000.0 | 961.3 | |
| 1 | 6.472 | 6.472 | 0.000 | 97530775 | 1000.0 | 941.3 | |
| 1 | 7.171 | 7.171 | 0.000 | 79457359 | 1000.0 | 953.7 | |
| 1 | 7.671 | 7.671 | 0.000 | 86990559 | 1000.0 | 946.9 | |
| 1 | 8.165 | 8.165 | 0.000 | 181103379 | 1000.0 | 938.9 | |
| 1 | 8.889 | 8.889 | 0.000 | 134851378 | 1000.0 | 933.6 | |
| 1 | 9.936 | 9.936 | 0.000 | 50371667 | 1000.0 | 942.5 | |

Average of Peak Amounts = 949.9

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 5.043 | 5.043 | 0.000 | 95683322 | 1000.0 | 1034.7 | M |
| 2 | 5.656 | 5.656 | 0.000 | 163304426 | 1000.0 | 1022.4 | M |
| 2 | 5.800 | 5.800 | 0.000 | 95831118 | 1000.0 | 984.1 | M |
| 2 | 6.105 | 6.105 | 0.000 | 98480090 | 1000.0 | 996.0 | M |
| 2 | 6.540 | 6.540 | 0.000 | 239625392 | 1000.0 | 1093.2 | M |
| 2 | 6.952 | 6.952 | 0.000 | 110809734 | 1000.0 | 982.1 | M |
| 2 | 7.094 | 7.094 | 0.000 | 66235151 | 1000.0 | 1029.7 | |
| 2 | 8.043 | 8.043 | 0.000 | 68559727 | 1000.0 | 1082.9 | |

Average of Peak Amounts = 1028.1

RPD = 7.91

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.497 | 10.497 | 0.000 | 132704649 | 100.0 | 93.1 | |
| 2 | 8.983 | 8.983 | 0.000 | 208388981 | 100.0 | 101.6 | |

RPD = 8.76

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00029

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D

Injection Date: 23-Aug-2016 07:12:41

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

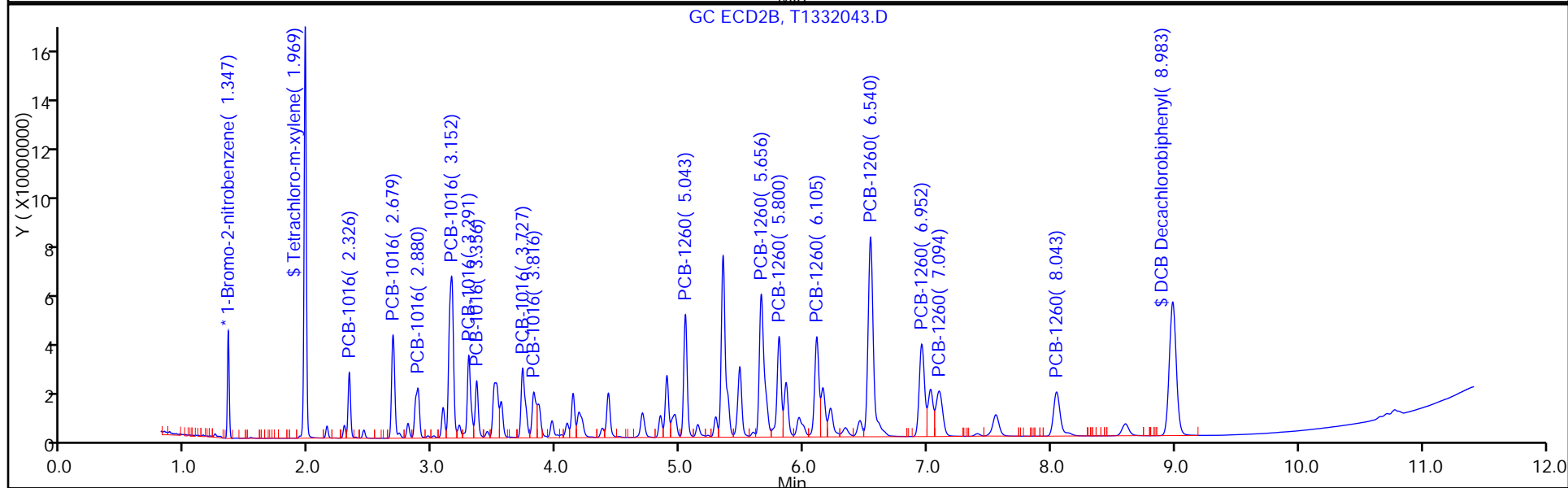
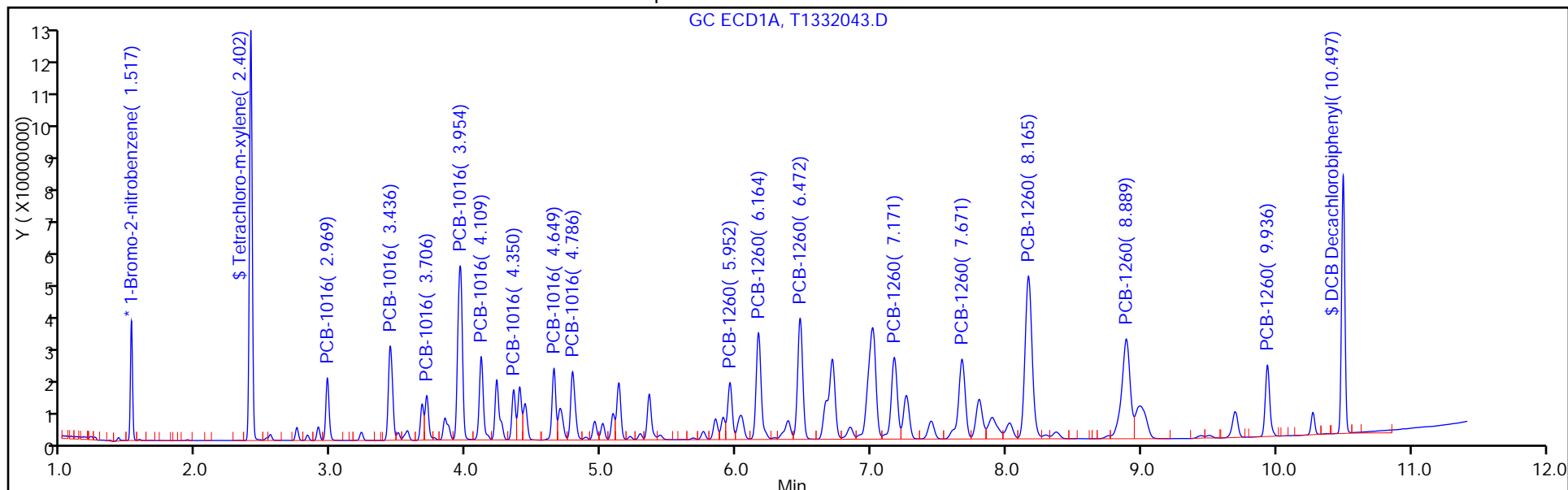
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332043.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|---------|--------|---------|-------------|--------------|------|--------|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0173 | | 1040 | 1000 | 4.2 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0324 | 0.0356 | | 1100 | 1000 | 9.7 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0216 | 0.0231 | | 1070 | 1000 | 6.9 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0720 | 0.0754 | | 1050 | 1000 | 4.7 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0297 | 0.0314 | | 1060 | 1000 | 5.5 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0184 | 0.0190 | | 1030 | 1000 | 3.2 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0302 | 0.0312 | | 1030 | 1000 | 3.3 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0168 | 0.0197 | | 1170 | 1000 | 16.8 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0434 | 0.0449 | | 1030 | 1000 | 3.5 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0750 | 0.0766 | | 1020 | 1000 | 2.2 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0457 | 0.0450 | | 984 | 1000 | -1.6 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0464 | 0.0462 | | 996 | 1000 | -0.4 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1029 | 0.1125 | | 1090 | 1000 | 9.3 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0530 | 0.0520 | | 982 | 1000 | -1.8 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0302 | 0.0311 | | 1030 | 1000 | 3.0 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0297 | 0.0322 | | 1080 | 1000 | 8.3 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.8978 | 0.9668 | | 108 | 100 | 7.7 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.9626 | 0.9780 | | 102 | 100 | 1.6 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/2 Calibration Date: 08/23/2016 07:12
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332043.D

| Analyte | RT | RT WINDOW | |
|------------------------|------|-----------|------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 2.33 | 2.30 | 2.36 |
| PCB-1016 Peak 2 | 2.68 | 2.65 | 2.71 |
| PCB-1016 Peak 3 | 2.88 | 2.85 | 2.91 |
| PCB-1016 Peak 4 | 3.15 | 3.12 | 3.18 |
| PCB-1016 Peak 5 | 3.29 | 3.26 | 3.32 |
| PCB-1016 Peak 6 | 3.36 | 3.33 | 3.39 |
| PCB-1016 Peak 7 | 3.73 | 3.70 | 3.76 |
| PCB-1016 Peak 8 | 3.82 | 3.79 | 3.85 |
| PCB-1260 Peak 1 | 5.04 | 5.01 | 5.07 |
| PCB-1260 Peak 2 | 5.66 | 5.63 | 5.69 |
| PCB-1260 Peak 3 | 5.80 | 5.77 | 5.83 |
| PCB-1260 Peak 4 | 6.11 | 6.08 | 6.14 |
| PCB-1260 Peak 5 | 6.54 | 6.51 | 6.57 |
| PCB-1260 Peak 6 | 6.95 | 6.92 | 6.98 |
| PCB-1260 Peak 7 | 7.09 | 7.06 | 7.12 |
| PCB-1260 Peak 8 | 8.04 | 8.01 | 8.07 |
| Tetrachloro-m-xylene | 1.97 | 1.94 | 2.00 |
| DCB Decachlorobiphenyl | 8.98 | 8.88 | 9.08 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 23-Aug-2016 07:12:41 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: CCVIS
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:29

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|-----------------------------|-------|-------|-------|-----------|-------|-------|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.517 | 1.517 | 0.000 | 39864868 | 20.0 | 20.0 | M |
| 2 | 1.347 | 1.347 | 0.000 | 42615964 | 20.0 | 20.0 | M |
| RPD = 0.00 | | | | | | | |
| \$ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.402 | 2.402 | 0.000 | 178767680 | 100.0 | 101.7 | |
| 2 | 1.969 | 1.969 | 0.000 | 206000404 | 100.0 | 107.7 | |
| RPD = 5.67 | | | | | | | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.969 | 2.969 | 0.000 | 32050930 | 1000.0 | 978.0 | |
| 1 | 3.436 | 3.436 | 0.000 | 62356207 | 1000.0 | 967.1 | |
| 1 | 3.706 | 3.706 | 0.000 | 25066531 | 1000.0 | 892.9 | |
| 1 | 3.954 | 3.954 | 0.000 | 127185081 | 1000.0 | 966.7 | |
| 1 | 4.109 | 4.109 | 0.000 | 53434734 | 1000.0 | 963.4 | |
| 1 | 4.350 | 4.350 | 0.000 | 28233324 | 1000.0 | 990.1 | |
| 1 | 4.649 | 4.649 | 0.000 | 42884922 | 1000.0 | 968.4 | |
| 1 | 4.786 | 4.786 | 0.000 | 48695789 | 1000.0 | 994.4 | |

Average of Peak Amounts = 965.1

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 2.326 | 2.326 | 0.000 | 36827972 | 1000.0 | 1041.5 | M |
| 2 | 2.679 | 2.679 | 0.000 | 75751380 | 1000.0 | 1096.8 | M |
| 2 | 2.880 | 2.880 | 0.000 | 49280515 | 1000.0 | 1068.8 | M |
| 2 | 3.152 | 3.152 | 0.000 | 160750176 | 1000.0 | 1047.5 | M |
| 2 | 3.291 | 3.291 | 0.000 | 66886501 | 1000.0 | 1055.2 | M |
| 2 | 3.356 | 3.356 | 0.000 | 40399942 | 1000.0 | 1031.9 | M |
| 2 | 3.727 | 3.727 | 0.000 | 66371213 | 1000.0 | 1032.9 | M |
| 2 | 3.816 | 3.816 | 0.000 | 41874572 | 1000.0 | 1167.8 | M |

Average of Peak Amounts = 1067.8

RPD = 10.10

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 5.952 | 5.952 | 0.000 | 41354005 | 1000.0 | 981.0 | |
| 1 | 6.164 | 6.164 | 0.000 | 85223715 | 1000.0 | 961.3 | |
| 1 | 6.472 | 6.472 | 0.000 | 97530775 | 1000.0 | 941.3 | |
| 1 | 7.171 | 7.171 | 0.000 | 79457359 | 1000.0 | 953.7 | |
| 1 | 7.671 | 7.671 | 0.000 | 86990559 | 1000.0 | 946.9 | |
| 1 | 8.165 | 8.165 | 0.000 | 181103379 | 1000.0 | 938.9 | |
| 1 | 8.889 | 8.889 | 0.000 | 134851378 | 1000.0 | 933.6 | |
| 1 | 9.936 | 9.936 | 0.000 | 50371667 | 1000.0 | 942.5 | |

Average of Peak Amounts = 949.9

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|--------|---|
| 2 | 5.043 | 5.043 | 0.000 | 95683322 | 1000.0 | 1034.7 | M |
| 2 | 5.656 | 5.656 | 0.000 | 163304426 | 1000.0 | 1022.4 | M |
| 2 | 5.800 | 5.800 | 0.000 | 95831118 | 1000.0 | 984.1 | M |
| 2 | 6.105 | 6.105 | 0.000 | 98480090 | 1000.0 | 996.0 | M |
| 2 | 6.540 | 6.540 | 0.000 | 239625392 | 1000.0 | 1093.2 | M |
| 2 | 6.952 | 6.952 | 0.000 | 110809734 | 1000.0 | 982.1 | M |
| 2 | 7.094 | 7.094 | 0.000 | 66235151 | 1000.0 | 1029.7 | |
| 2 | 8.043 | 8.043 | 0.000 | 68559727 | 1000.0 | 1082.9 | |

Average of Peak Amounts = 1028.1

RPD = 7.91

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.497 | 10.497 | 0.000 | 132704649 | 100.0 | 93.1 | |
| 2 | 8.983 | 8.983 | 0.000 | 208388981 | 100.0 | 101.6 | |

RPD = 8.76

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00029

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332043.D

Injection Date: 23-Aug-2016 07:12:41

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCVIS

Worklist Smp#: 2

Client ID:

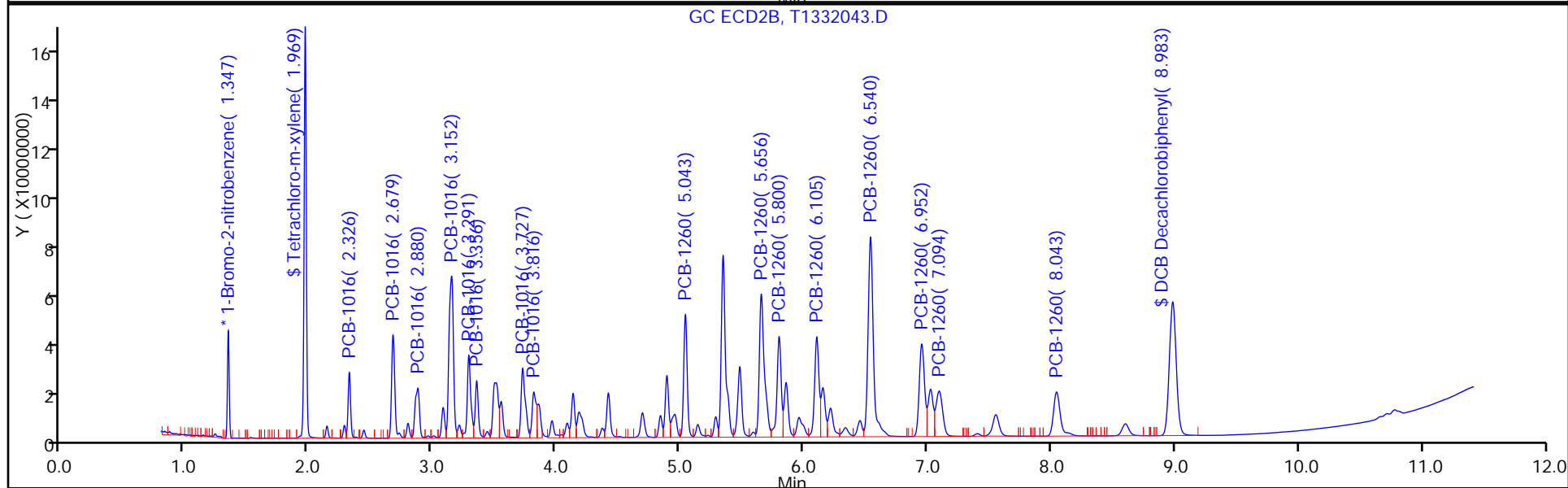
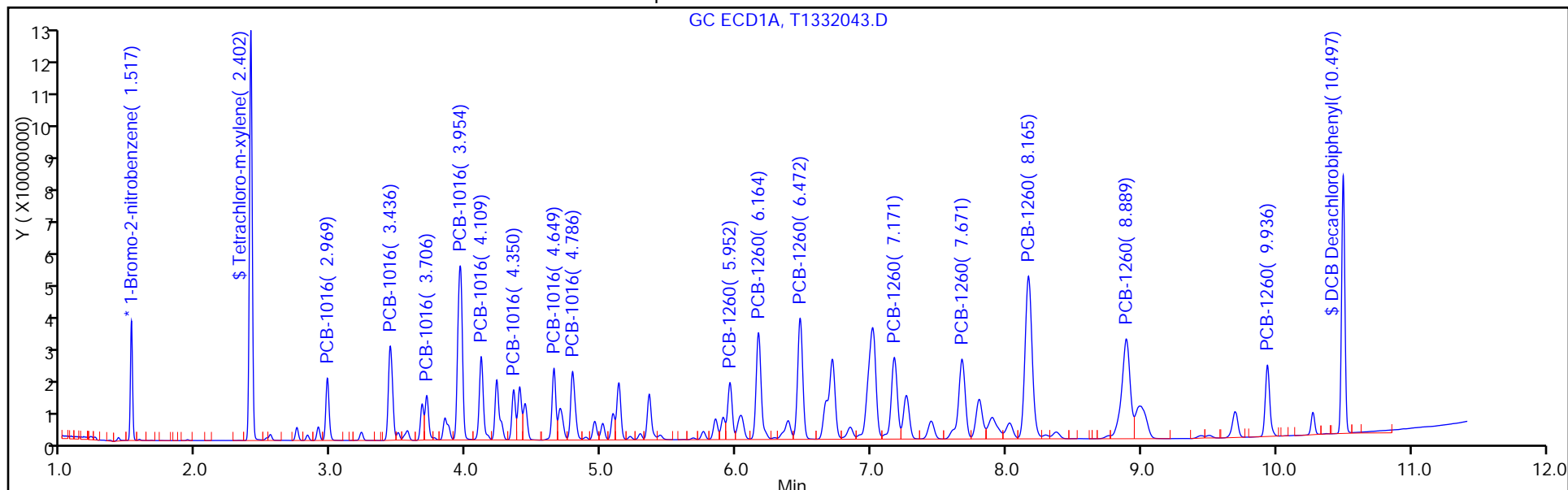
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 2

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332064.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|---------|--------|---------|-------------|--------------|-------|--------|
| PCB-1016 Peak 1 | Ave | 0.0164 | 0.0148 | | 901 | 1000 | -9.9 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0323 | 0.0294 | | 909 | 1000 | -9.1 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0141 | 0.0126 | | 892 | 1000 | -10.8 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0660 | 0.0635 | | 962 | 1000 | -3.8 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0278 | 0.0266 | | 956 | 1000 | -4.4 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0143 | 0.0143 | | 997 | 1000 | -0.3 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0222 | 0.0217 | | 977 | 1000 | -2.3 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0246 | 0.0244 | | 995 | 1000 | -0.5 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0211 | 0.0211 | | 996 | 1000 | -0.4 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0445 | 0.0436 | | 979 | 1000 | -2.1 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0520 | 0.0500 | | 963 | 1000 | -3.7 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0418 | 0.0411 | | 984 | 1000 | -1.6 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.0461 | 0.0450 | | 975 | 1000 | -2.5 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0968 | 0.0936 | | 967 | 1000 | -3.3 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0725 | 0.0697 | | 961 | 1000 | -3.9 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0268 | 0.0263 | | 982 | 1000 | -1.8 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.8815 | 0.8364 | | 94.9 | 100 | -5.1 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.7153 | 0.7017 | | 98.1 | 100 | -1.9 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332064.D

| Analyte | RT | RT WINDOW | |
|------------------------|-------|-----------|-------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 2.98 | 2.94 | 3.00 |
| PCB-1016 Peak 2 | 3.44 | 3.41 | 3.47 |
| PCB-1016 Peak 3 | 3.71 | 3.68 | 3.74 |
| PCB-1016 Peak 4 | 3.96 | 3.92 | 3.98 |
| PCB-1016 Peak 5 | 4.12 | 4.08 | 4.14 |
| PCB-1016 Peak 6 | 4.36 | 4.32 | 4.38 |
| PCB-1016 Peak 7 | 4.65 | 4.62 | 4.68 |
| PCB-1016 Peak 8 | 4.79 | 4.76 | 4.82 |
| PCB-1260 Peak 1 | 5.96 | 5.92 | 5.98 |
| PCB-1260 Peak 2 | 6.17 | 6.13 | 6.19 |
| PCB-1260 Peak 3 | 6.48 | 6.44 | 6.50 |
| PCB-1260 Peak 4 | 7.18 | 7.14 | 7.20 |
| PCB-1260 Peak 5 | 7.68 | 7.64 | 7.70 |
| PCB-1260 Peak 6 | 8.17 | 8.14 | 8.20 |
| PCB-1260 Peak 7 | 8.90 | 8.86 | 8.92 |
| PCB-1260 Peak 8 | 9.94 | 9.91 | 9.97 |
| Tetrachloro-m-xylene | 2.41 | 2.37 | 2.43 |
| DCB Decachlorobiphenyl | 10.52 | 10.47 | 10.53 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 23-Aug-2016 12:51:45 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0044748-023
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:38

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|-----------------------------|-------|-------|--------|-----------|-------|-------|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.520 | 1.517 | 0.003 | 40178168 | 20.0 | 20.0 | M |
| 2 | 1.344 | 1.347 | -0.003 | 42624136 | 20.0 | 20.0 | M |
| RPD = 0.00 | | | | | | | |
| \$ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.406 | 2.402 | 0.004 | 168033084 | 100.0 | 94.9 | |
| 2 | 1.965 | 1.969 | -0.004 | 201848635 | 100.0 | 105.5 | |
| RPD = 10.58 | | | | | | | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.975 | 2.969 | 0.006 | 29749308 | 1000.0 | 900.7 | |
| 1 | 3.440 | 3.436 | 0.004 | 59096876 | 1000.0 | 909.4 | |
| 1 | 3.711 | 3.706 | 0.005 | 25247277 | 1000.0 | 892.3 | |
| 1 | 3.960 | 3.954 | 0.006 | 127567434 | 1000.0 | 962.1 | |
| 1 | 4.115 | 4.109 | 0.006 | 53464821 | 1000.0 | 956.4 | |
| 1 | 4.355 | 4.350 | 0.005 | 28660737 | 1000.0 | 997.3 | |
| 1 | 4.654 | 4.649 | 0.005 | 43612369 | 1000.0 | 977.2 | |
| 1 | 4.792 | 4.786 | 0.006 | 49096273 | 1000.0 | 994.8 | |

Average of Peak Amounts = 948.8

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.321 | 2.326 | -0.005 | 35539000 | 1000.0 | 1004.9 | M |
| 2 | 2.675 | 2.679 | -0.004 | 69666478 | 1000.0 | 1008.5 | M |
| 2 | 2.877 | 2.880 | -0.003 | 46080403 | 1000.0 | 999.2 | M |
| 2 | 3.150 | 3.152 | -0.002 | 150325919 | 1000.0 | 979.4 | M |
| 2 | 3.289 | 3.291 | -0.002 | 62862220 | 1000.0 | 991.5 | M |
| 2 | 3.352 | 3.356 | -0.004 | 38352381 | 1000.0 | 979.4 | M |
| 2 | 3.725 | 3.727 | -0.002 | 63792454 | 1000.0 | 992.6 | M |
| 2 | 3.815 | 3.816 | -0.001 | 40432120 | 1000.0 | 1127.3 | M |

Average of Peak Amounts = 1010.3

RPD = 6.29

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 5.959 | 5.952 | 0.007 | 42313269 | 1000.0 | 995.9 | |
| 1 | 6.171 | 6.164 | 0.007 | 87484826 | 1000.0 | 979.1 | |
| 1 | 6.480 | 6.472 | 0.008 | 100508812 | 1000.0 | 962.5 | |
| 1 | 7.178 | 7.171 | 0.007 | 82627428 | 1000.0 | 984.0 | |
| 1 | 7.679 | 7.671 | 0.008 | 90298682 | 1000.0 | 975.3 | |
| 1 | 8.171 | 8.165 | 0.006 | 188052603 | 1000.0 | 967.3 | |
| 1 | 8.896 | 8.889 | 0.007 | 139949301 | 1000.0 | 961.3 | |
| 1 | 9.944 | 9.936 | 0.008 | 52896923 | 1000.0 | 982.0 | |

Average of Peak Amounts = 975.9

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 5.041 | 5.043 | -0.002 | 97857067 | 1000.0 | 1058.0 | M |
| 2 | 5.655 | 5.656 | -0.001 | 171701596 | 1000.0 | 1074.7 | M |
| 2 | 5.800 | 5.800 | 0.000 | 100599658 | 1000.0 | 1032.8 | M |
| 2 | 6.105 | 6.105 | 0.000 | 100592621 | 1000.0 | 1017.1 | M |
| 2 | 6.539 | 6.540 | -0.001 | 245824692 | 1000.0 | 1121.3 | M |
| 2 | 6.953 | 6.952 | 0.001 | 112901158 | 1000.0 | 1000.4 | |
| 2 | 7.094 | 7.094 | 0.000 | 69737931 | 1000.0 | 1084.0 | |
| 2 | 8.046 | 8.043 | 0.003 | 71129931 | 1000.0 | 1123.3 | |

Average of Peak Amounts = 1064.0

RPD = 8.63

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.515 | 10.497 | 0.018 | 140954502 | 100.0 | 98.1 | |
| 2 | 8.983 | 8.983 | 0.000 | 214979513 | 100.0 | 104.8 | |

RPD = 6.61

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 1924.7 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00029

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D

Injection Date: 23-Aug-2016 12:51:45

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV

Worklist Smp#: 23

Client ID:

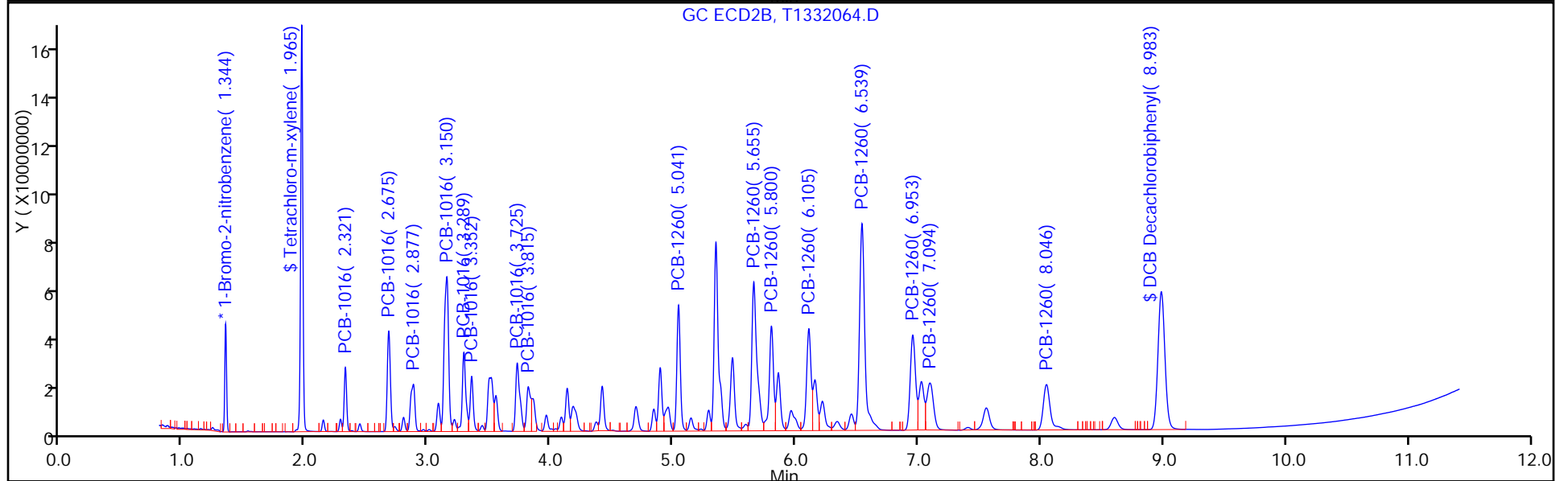
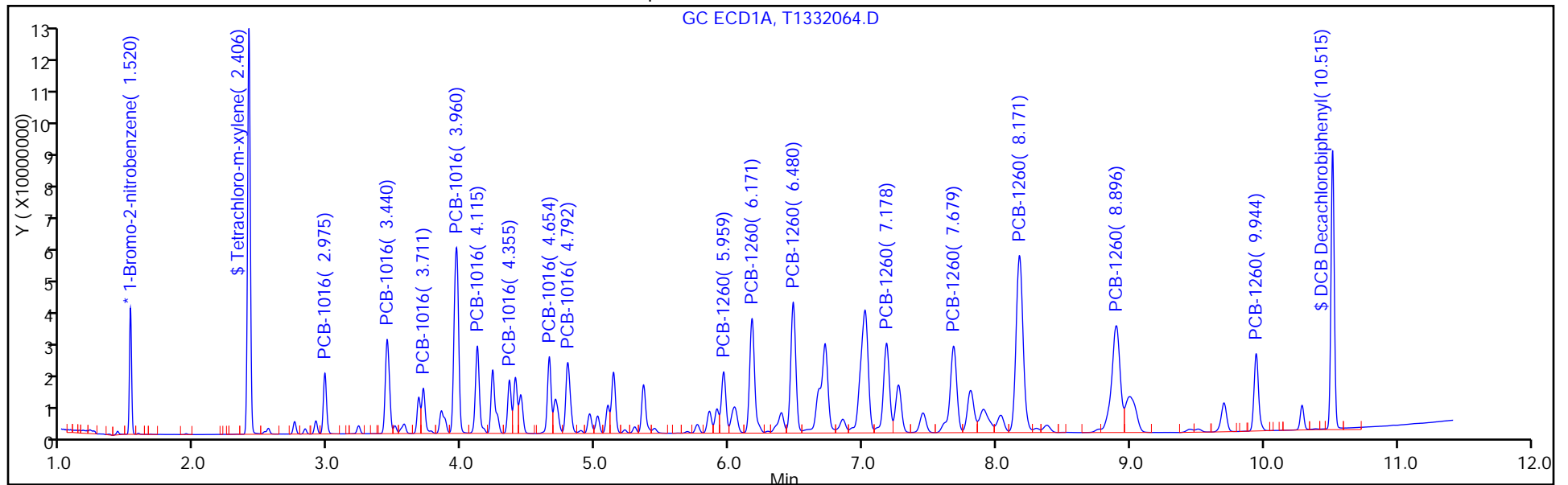
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332064.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE RRF | RRF | MIN RRF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|---------|--------|---------|-------------|--------------|------|--------|
| PCB-1016 Peak 1 | Ave | 0.0166 | 0.0167 | | 1000 | 1000 | 0.5 | 20.0 |
| PCB-1016 Peak 2 | Ave | 0.0324 | 0.0327 | | 1010 | 1000 | 0.9 | 20.0 |
| PCB-1016 Peak 3 | Ave | 0.0216 | 0.0216 | | 999 | 1000 | -0.0 | 20.0 |
| PCB-1016 Peak 4 | Ave | 0.0720 | 0.0705 | | 979 | 1000 | -2.1 | 20.0 |
| PCB-1016 Peak 5 | Ave | 0.0297 | 0.0295 | | 991 | 1000 | -0.9 | 20.0 |
| PCB-1016 Peak 6 | Ave | 0.0184 | 0.0180 | | 979 | 1000 | -2.1 | 20.0 |
| PCB-1016 Peak 7 | Ave | 0.0302 | 0.0299 | | 993 | 1000 | -0.7 | 20.0 |
| PCB-1016 Peak 8 | Ave | 0.0168 | 0.0190 | | 1130 | 1000 | 12.7 | 20.0 |
| PCB-1260 Peak 1 | Ave | 0.0434 | 0.0459 | | 1060 | 1000 | 5.8 | 20.0 |
| PCB-1260 Peak 2 | Ave | 0.0750 | 0.0806 | | 1070 | 1000 | 7.5 | 20.0 |
| PCB-1260 Peak 3 | Ave | 0.0457 | 0.0472 | | 1030 | 1000 | 3.3 | 20.0 |
| PCB-1260 Peak 4 | Ave | 0.0464 | 0.0472 | | 1020 | 1000 | 1.7 | 20.0 |
| PCB-1260 Peak 5 | Ave | 0.1029 | 0.1154 | | 1120 | 1000 | 12.1 | 20.0 |
| PCB-1260 Peak 6 | Ave | 0.0530 | 0.0530 | | 1000 | 1000 | 0.0 | 20.0 |
| PCB-1260 Peak 7 | Ave | 0.0302 | 0.0327 | | 1080 | 1000 | 8.4 | 20.0 |
| PCB-1260 Peak 8 | Ave | 0.0297 | 0.0334 | | 1120 | 1000 | 12.3 | 20.0 |
| Tetrachloro-m-xylene | Ave | 0.8978 | 0.9471 | | 105 | 100 | 5.5 | 20.0 |
| DCB Decachlorobiphenyl | Ave | 0.9626 | 1.009 | | 105 | 100 | 4.8 | 20.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Lab Sample ID: CCVIS 460-386235/23 Calibration Date: 08/23/2016 12:51
 Instrument ID: CPESTGC11 Calib Start Date: 06/17/2016 16:49
 GC Column: CLP-1 ID: 0.53(mm) Calib End Date: 06/17/2016 17:47
 Lab File ID: T1332064.D

| Analyte | RT | RT WINDOW | |
|------------------------|------|-----------|------|
| | | FROM | TO |
| PCB-1016 Peak 1 | 2.32 | 2.30 | 2.36 |
| PCB-1016 Peak 2 | 2.68 | 2.65 | 2.71 |
| PCB-1016 Peak 3 | 2.88 | 2.85 | 2.91 |
| PCB-1016 Peak 4 | 3.15 | 3.12 | 3.18 |
| PCB-1016 Peak 5 | 3.29 | 3.26 | 3.32 |
| PCB-1016 Peak 6 | 3.35 | 3.33 | 3.39 |
| PCB-1016 Peak 7 | 3.73 | 3.70 | 3.76 |
| PCB-1016 Peak 8 | 3.82 | 3.79 | 3.85 |
| PCB-1260 Peak 1 | 5.04 | 5.01 | 5.07 |
| PCB-1260 Peak 2 | 5.66 | 5.63 | 5.69 |
| PCB-1260 Peak 3 | 5.80 | 5.77 | 5.83 |
| PCB-1260 Peak 4 | 6.11 | 6.08 | 6.14 |
| PCB-1260 Peak 5 | 6.54 | 6.51 | 6.57 |
| PCB-1260 Peak 6 | 6.95 | 6.92 | 6.98 |
| PCB-1260 Peak 7 | 7.09 | 7.06 | 7.12 |
| PCB-1260 Peak 8 | 8.05 | 8.01 | 8.07 |
| Tetrachloro-m-xylene | 1.97 | 1.94 | 2.00 |
| DCB Decachlorobiphenyl | 8.98 | 8.88 | 9.08 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D
 Lims ID: CCV
 Client ID:
 Sample Type: CCV
 Inject. Date: 23-Aug-2016 12:51:45 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info: 460-0044748-023
 Operator ID: Instrument ID: CPESTGC11
 Sublist: chrom-8082 ISTD*sub2
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 14:42:37 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 13:44:38

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

| | | | | | | | |
|-----------------------------|-------|-------|--------|-----------|-------|-------|---|
| * 13 1-Bromo-2-nitrobenzene | | | | | | | M |
| 1 | 1.520 | 1.517 | 0.003 | 40178168 | 20.0 | 20.0 | M |
| 2 | 1.344 | 1.347 | -0.003 | 42624136 | 20.0 | 20.0 | M |
| RPD = 0.00 | | | | | | | |
| \$ 2 Tetrachloro-m-xylene | | | | | | | |
| 1 | 2.406 | 2.402 | 0.004 | 168033084 | 100.0 | 94.9 | |
| 2 | 1.965 | 1.969 | -0.004 | 201848635 | 100.0 | 105.5 | |
| RPD = 10.58 | | | | | | | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 2.975 | 2.969 | 0.006 | 29749308 | 1000.0 | 900.7 | |
| 1 | 3.440 | 3.436 | 0.004 | 59096876 | 1000.0 | 909.4 | |
| 1 | 3.711 | 3.706 | 0.005 | 25247277 | 1000.0 | 892.3 | |
| 1 | 3.960 | 3.954 | 0.006 | 127567434 | 1000.0 | 962.1 | |
| 1 | 4.115 | 4.109 | 0.006 | 53464821 | 1000.0 | 956.4 | |
| 1 | 4.355 | 4.350 | 0.005 | 28660737 | 1000.0 | 997.3 | |
| 1 | 4.654 | 4.649 | 0.005 | 43612369 | 1000.0 | 977.2 | |
| 1 | 4.792 | 4.786 | 0.006 | 49096273 | 1000.0 | 994.8 | |

Average of Peak Amounts = 948.8

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 2.321 | 2.326 | -0.005 | 35539000 | 1000.0 | 1004.9 | M |
| 2 | 2.675 | 2.679 | -0.004 | 69666478 | 1000.0 | 1008.5 | M |
| 2 | 2.877 | 2.880 | -0.003 | 46080403 | 1000.0 | 999.2 | M |
| 2 | 3.150 | 3.152 | -0.002 | 150325919 | 1000.0 | 979.4 | M |
| 2 | 3.289 | 3.291 | -0.002 | 62862220 | 1000.0 | 991.5 | M |
| 2 | 3.352 | 3.356 | -0.004 | 38352381 | 1000.0 | 979.4 | M |
| 2 | 3.725 | 3.727 | -0.002 | 63792454 | 1000.0 | 992.6 | M |
| 2 | 3.815 | 3.816 | -0.001 | 40432120 | 1000.0 | 1127.3 | M |

Average of Peak Amounts = 1010.3

RPD = 6.29

8 PCB-1260

M

| | | | | | | | |
|---|-------|-------|-------|-----------|--------|-------|--|
| 1 | 5.959 | 5.952 | 0.007 | 42313269 | 1000.0 | 995.9 | |
| 1 | 6.171 | 6.164 | 0.007 | 87484826 | 1000.0 | 979.1 | |
| 1 | 6.480 | 6.472 | 0.008 | 100508812 | 1000.0 | 962.5 | |
| 1 | 7.178 | 7.171 | 0.007 | 82627428 | 1000.0 | 984.0 | |
| 1 | 7.679 | 7.671 | 0.008 | 90298682 | 1000.0 | 975.3 | |
| 1 | 8.171 | 8.165 | 0.006 | 188052603 | 1000.0 | 967.3 | |
| 1 | 8.896 | 8.889 | 0.007 | 139949301 | 1000.0 | 961.3 | |
| 1 | 9.944 | 9.936 | 0.008 | 52896923 | 1000.0 | 982.0 | |

Average of Peak Amounts = 975.9

| | | | | | | | |
|---|-------|-------|--------|-----------|--------|--------|---|
| 2 | 5.041 | 5.043 | -0.002 | 97857067 | 1000.0 | 1058.0 | M |
| 2 | 5.655 | 5.656 | -0.001 | 171701596 | 1000.0 | 1074.7 | M |
| 2 | 5.800 | 5.800 | 0.000 | 100599658 | 1000.0 | 1032.8 | M |
| 2 | 6.105 | 6.105 | 0.000 | 100592621 | 1000.0 | 1017.1 | M |
| 2 | 6.539 | 6.540 | -0.001 | 245824692 | 1000.0 | 1121.3 | M |
| 2 | 6.953 | 6.952 | 0.001 | 112901158 | 1000.0 | 1000.4 | |
| 2 | 7.094 | 7.094 | 0.000 | 69737931 | 1000.0 | 1084.0 | |
| 2 | 8.046 | 8.043 | 0.003 | 71129931 | 1000.0 | 1123.3 | |

Average of Peak Amounts = 1064.0

RPD = 8.63

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|-------|-------|--|
| 1 | 10.515 | 10.497 | 0.018 | 140954502 | 100.0 | 98.1 | |
| 2 | 8.983 | 8.983 | 0.000 | 214979513 | 100.0 | 104.8 | |

RPD = 6.61

S 12 Polychlorinated biphenyls, Total

| | | | | | | | |
|---|--|--|--|--|--|--------|--|
| 1 | | | | | | 1924.7 | |
|---|--|--|--|--|--|--------|--|

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SG1660L3_00029

Amount Added: 1.00

Units: mL

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332064.D

Injection Date: 23-Aug-2016 12:51:45

Instrument ID: CPESTGC11

Operator ID:

Lims ID: CCV

Worklist Smp#: 23

Client ID:

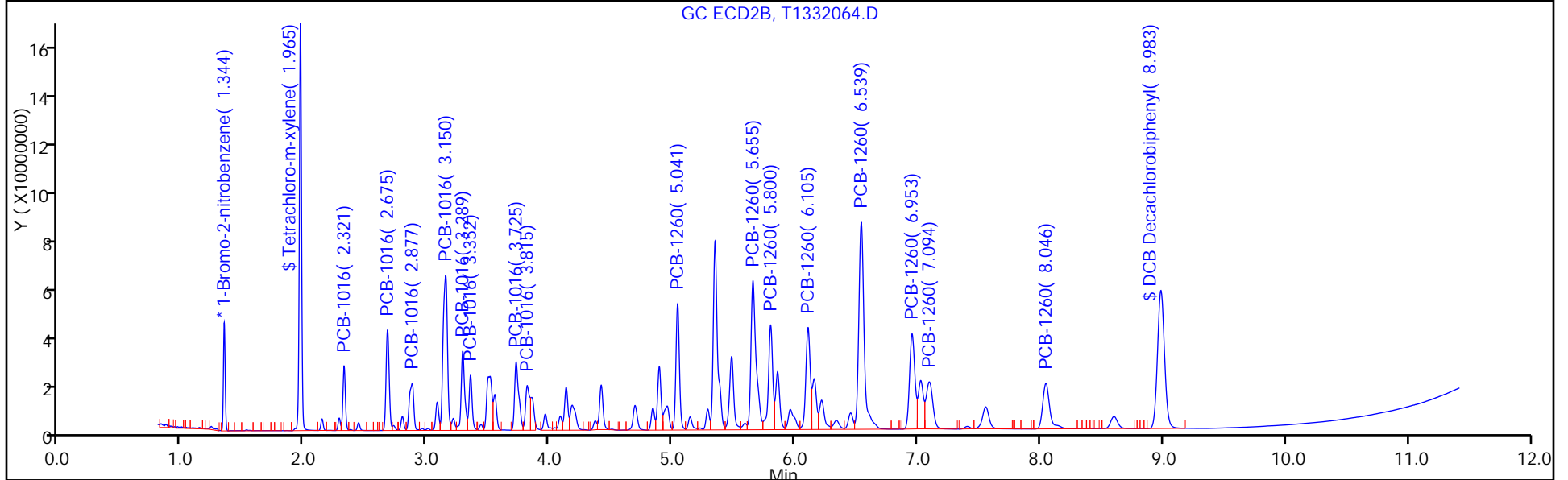
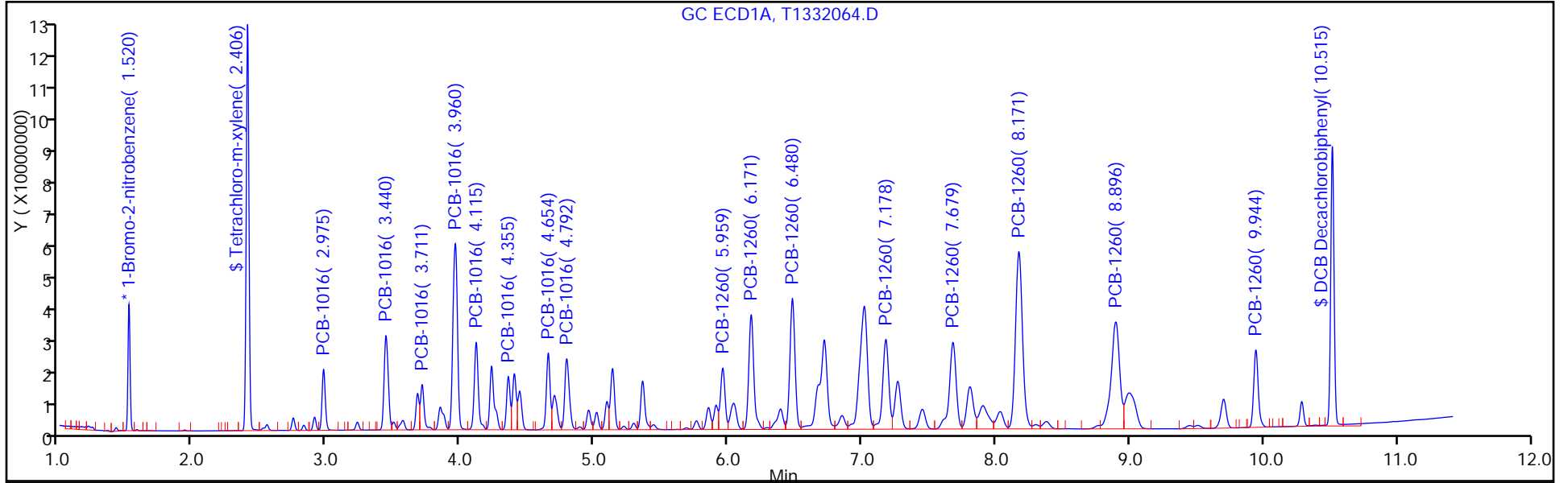
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 23

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-386170/1-A
 Matrix: Solid Lab File ID: T1332044.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0000 (g) Date Analyzed: 08/23/2016 07:35
 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.: 386235 Units: ug/Kg

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 102 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D
 Lims ID: MB 460-386170/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Aug-2016 07:35:43 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|------------|
| 1 | 1.520 | 1.517 | 0.003 | 37789205 | 20.0 | 20.0 | |
| 2 | 1.344 | 1.347 | -0.003 | 38330897 | 20.0 | 20.0 | |
| | | | | | | | RPD = 0.00 |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|-------------|
| 1 | 2.406 | 2.402 | 0.004 | 84767291 | 50.0 | 50.9 | |
| 2 | 1.965 | 1.969 | -0.004 | 97456555 | 50.0 | 56.6 | |
| | | | | | | | RPD = 10.68 |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

\$ 11 DCB Decachlorobiphenyl

| | | | | | | |
|---|--------|--------|-------|-----------|------|------|
| 1 | 10.507 | 10.497 | 0.010 | 69146492 | 50.0 | 51.2 |
| 2 | 8.983 | 8.983 | 0.000 | 107082638 | 50.0 | 58.0 |

RPD = 12.61

Reagents:

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D

Injection Date: 23-Aug-2016 07:35:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-386170/1-A

Worklist Smp#: 3

Client ID:

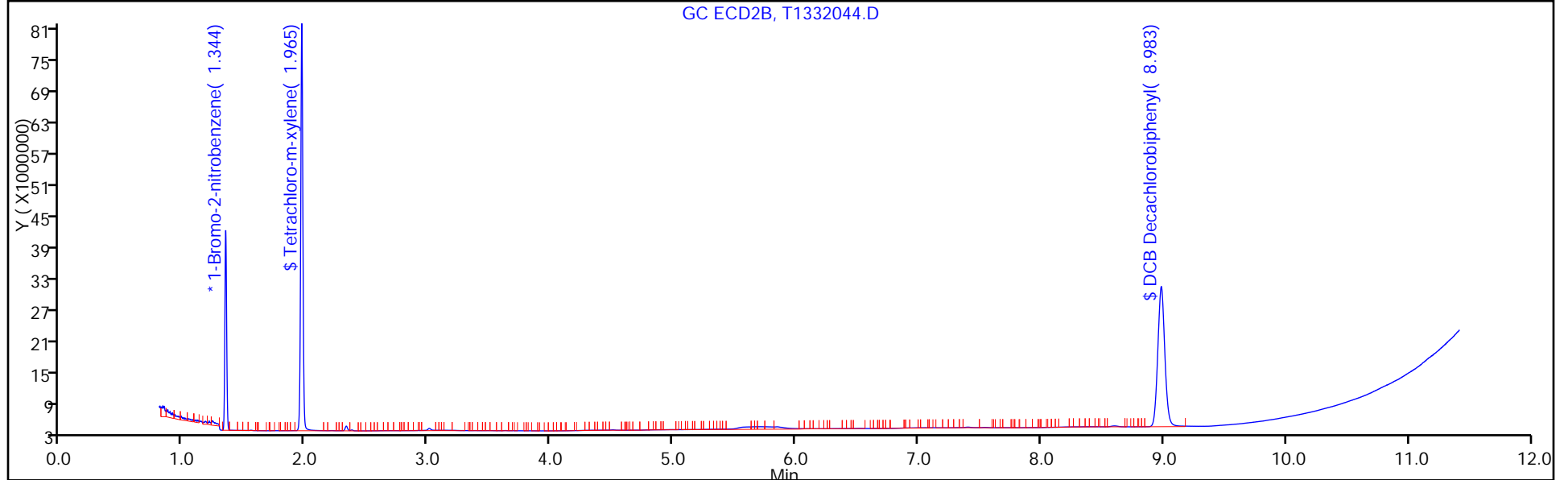
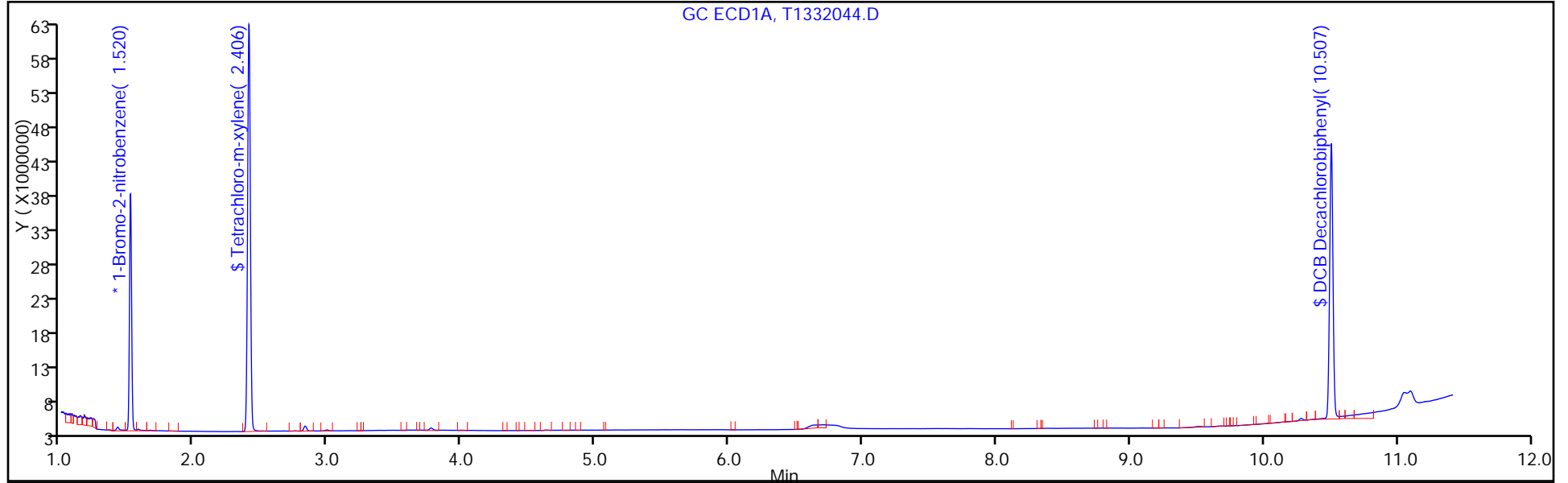
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-386170/1-A
 Matrix: Solid Lab File ID: T1332044.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0000 (g) Date Analyzed: 08/23/2016 07:35
 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.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|----|-----|
| 12674-11-2 | Aroclor 1016 | 8.9 | U | 67 | 8.9 |
| 11104-28-2 | Aroclor 1221 | 8.9 | U | 67 | 8.9 |
| 11141-16-5 | Aroclor 1232 | 8.9 | U | 67 | 8.9 |
| 53469-21-9 | Aroclor 1242 | 8.9 | U | 67 | 8.9 |
| 12672-29-6 | Aroclor 1248 | 8.9 | U | 67 | 8.9 |
| 11097-69-1 | Aroclor 1254 | 9.2 | U | 67 | 9.2 |
| 11096-82-5 | Aroclor 1260 | 9.2 | U | 67 | 9.2 |
| 37324-23-5 | Aroclor 1262 | 9.2 | U | 67 | 9.2 |
| 11100-14-4 | Aroclor 1268 | 9.2 | U | 67 | 9.2 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 116 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D
 Lims ID: MB 460-386170/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 23-Aug-2016 07:35:43 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:34

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|------------|
| 1 | 1.520 | 1.517 | 0.003 | 37789205 | 20.0 | 20.0 | |
| 2 | 1.344 | 1.347 | -0.003 | 38330897 | 20.0 | 20.0 | |
| | | | | | | | RPD = 0.00 |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|----------|------|------|-------------|
| 1 | 2.406 | 2.402 | 0.004 | 84767291 | 50.0 | 50.9 | |
| 2 | 1.965 | 1.969 | -0.004 | 97456555 | 50.0 | 56.6 | |
| | | | | | | | RPD = 10.68 |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|-------|-----------|------|------|--|
| 1 | 10.507 | 10.497 | 0.010 | 69146492 | 50.0 | 51.2 | |
| 2 | 8.983 | 8.983 | 0.000 | 107082638 | 50.0 | 58.0 | |

RPD = 12.61

Reagents:

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332044.D

Injection Date: 23-Aug-2016 07:35:43

Instrument ID: CPESTGC11

Operator ID:

Lims ID: MB 460-386170/1-A

Worklist Smp#: 3

Client ID:

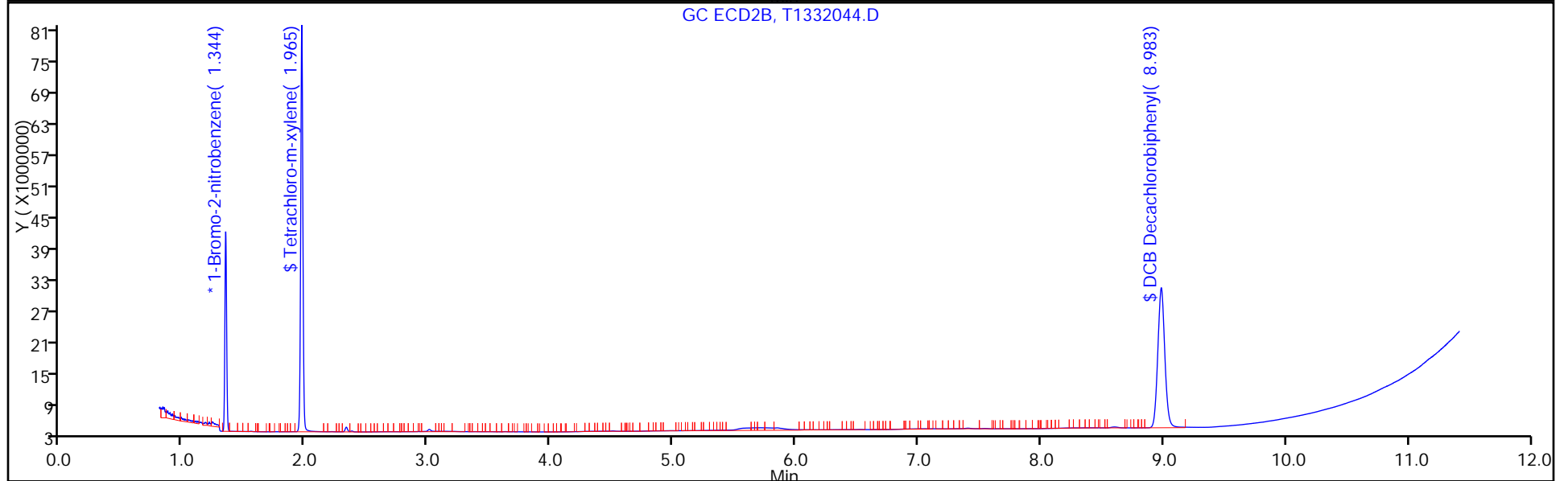
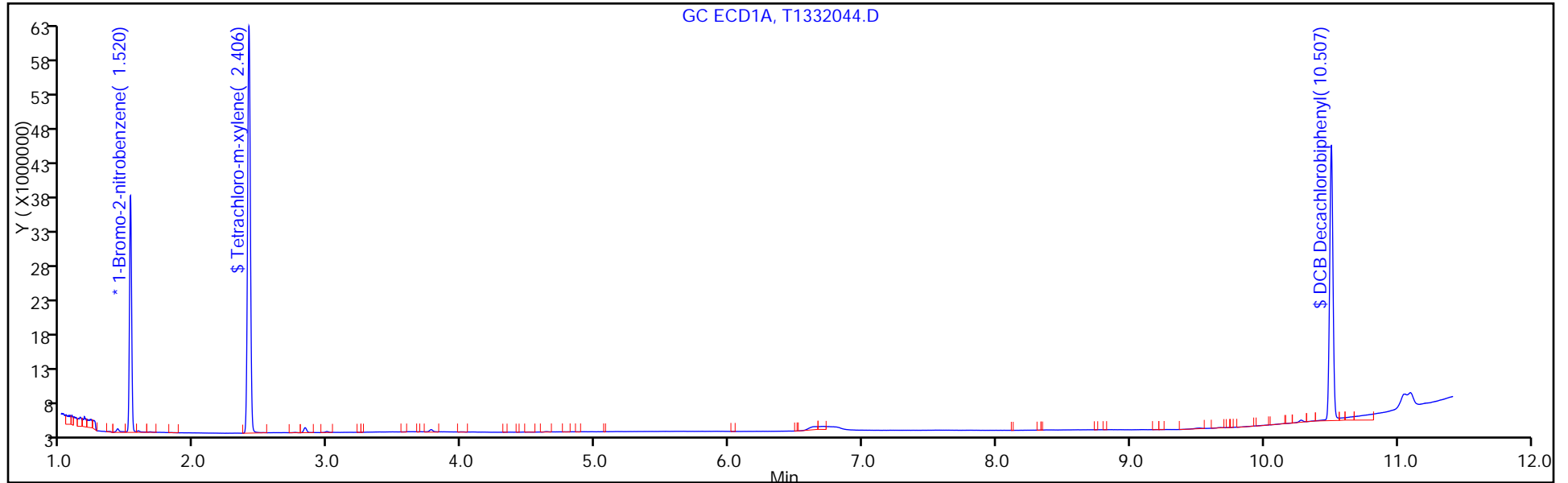
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 3

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-386170/2-A
 Matrix: Solid Lab File ID: T1332045.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0000 (g) Date Analyzed: 08/23/2016 07:50
 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.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|-------------------|---------------------|------------|---|-----------|------------|
| <i>12674-11-2</i> | <i>Aroclor 1016</i> | <i>428</i> | | <i>67</i> | <i>8.9</i> |
| <i>11096-82-5</i> | <i>Aroclor 1260</i> | <i>424</i> | | <i>67</i> | <i>9.2</i> |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 105 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D
 Lims ID: LCS 460-386170/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Aug-2016 07:50:38 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.517 | 1.517 | 0.000 | 38302377 | 20.0 | 20.0 | |
| 2 | 1.347 | 1.347 | 0.000 | 39820983 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|------|------------|--|
| 1 | 2.400 | 2.402 | -0.002 | 92356758 | 50.0 | 54.7 | |
| 2 | 1.968 | 1.969 | -0.001 | 105224228 | 50.0 | 58.9 | |
| | | | | | | RPD = 7.32 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| | | | | | | | M |
| 1 | 2.967 | 2.969 | -0.002 | 20157834 | 500.0 | 640.2 | |
| 1 | 3.433 | 3.436 | -0.003 | 39677957 | 500.0 | 640.5 | |
| 1 | 3.704 | 3.706 | -0.002 | 16749965 | 500.0 | 621.0 | |
| 1 | 3.950 | 3.954 | -0.004 | 80811415 | 500.0 | 639.3 | |
| 1 | 4.107 | 4.109 | -0.002 | 33991068 | 500.0 | 637.8 | |
| 1 | 4.348 | 4.350 | -0.002 | 18213938 | 500.0 | 664.8 | |
| 1 | 4.647 | 4.649 | -0.002 | 27054162 | 500.0 | 635.9 | |
| 1 | 4.784 | 4.786 | -0.002 | 30874124 | 500.0 | 656.2 | |

Average of Peak Amounts = 642.0

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| 2 | 2.324 | 2.326 | -0.002 | 22870673 | 500.0 | 692.2 | |
| 2 | 2.678 | 2.679 | -0.001 | 45383623 | 500.0 | 703.2 | |
| 2 | 2.878 | 2.880 | -0.002 | 30693176 | 500.0 | 712.4 | |
| 2 | 3.151 | 3.152 | -0.001 | 99879346 | 500.0 | 696.5 | |
| 2 | 3.291 | 3.291 | 0.000 | 41066207 | 500.0 | 693.3 | |
| 2 | 3.355 | 3.356 | -0.001 | 24766274 | 500.0 | 677.0 | |
| 2 | 3.727 | 3.727 | 0.000 | 40128392 | 500.0 | 668.3 | |
| 2 | 3.816 | 3.816 | 0.000 | 25007941 | 500.0 | 746.3 | M |

Average of Peak Amounts = 698.7

RPD = 8.46

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|--|
| 1 | 5.949 | 5.952 | -0.003 | 26549320 | 500.0 | 655.5 | |
| 1 | 6.162 | 6.164 | -0.002 | 54801975 | 500.0 | 643.3 | |
| 1 | 6.470 | 6.472 | -0.002 | 63609105 | 500.0 | 639.0 | |
| 1 | 7.168 | 7.171 | -0.003 | 51271038 | 500.0 | 640.5 | |
| 1 | 7.668 | 7.671 | -0.003 | 55914083 | 500.0 | 633.5 | |
| 1 | 8.161 | 8.165 | -0.004 | 116024737 | 500.0 | 626.0 | |
| 1 | 8.883 | 8.889 | -0.006 | 86197166 | 500.0 | 621.1 | |
| 1 | 9.933 | 9.936 | -0.003 | 32393267 | 500.0 | 630.8 | |

Average of Peak Amounts = 636.2

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|--|
| 2 | 5.042 | 5.043 | -0.001 | 59727306 | 500.0 | 691.2 | |
| 2 | 5.656 | 5.656 | 0.000 | 103877938 | 500.0 | 696.0 | |
| 2 | 5.800 | 5.800 | 0.000 | 59560074 | 500.0 | 654.5 | |
| 2 | 6.104 | 6.105 | -0.001 | 61059014 | 500.0 | 660.8 | |
| 2 | 6.537 | 6.540 | -0.003 | 151446080 | 500.0 | 739.4 | |
| 2 | 6.952 | 6.952 | 0.000 | 67080702 | 500.0 | 636.2 | |
| 2 | 7.093 | 7.094 | -0.001 | 43086753 | 500.0 | 716.9 | |
| 2 | 8.043 | 8.043 | 0.000 | 43861030 | 500.0 | 741.4 | |

Average of Peak Amounts = 692.1

RPD = 8.41

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|------|------|--|
| 1 | 10.497 | 10.497 | 0.000 | 71661770 | 50.0 | 52.3 | |
| 2 | 8.982 | 8.983 | -0.001 | 111384281 | 50.0 | 58.1 | |

RPD = 10.52

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date: 23-Aug-2016 07:50:38

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-386170/2-A

Worklist Smp#: 4

Client ID:

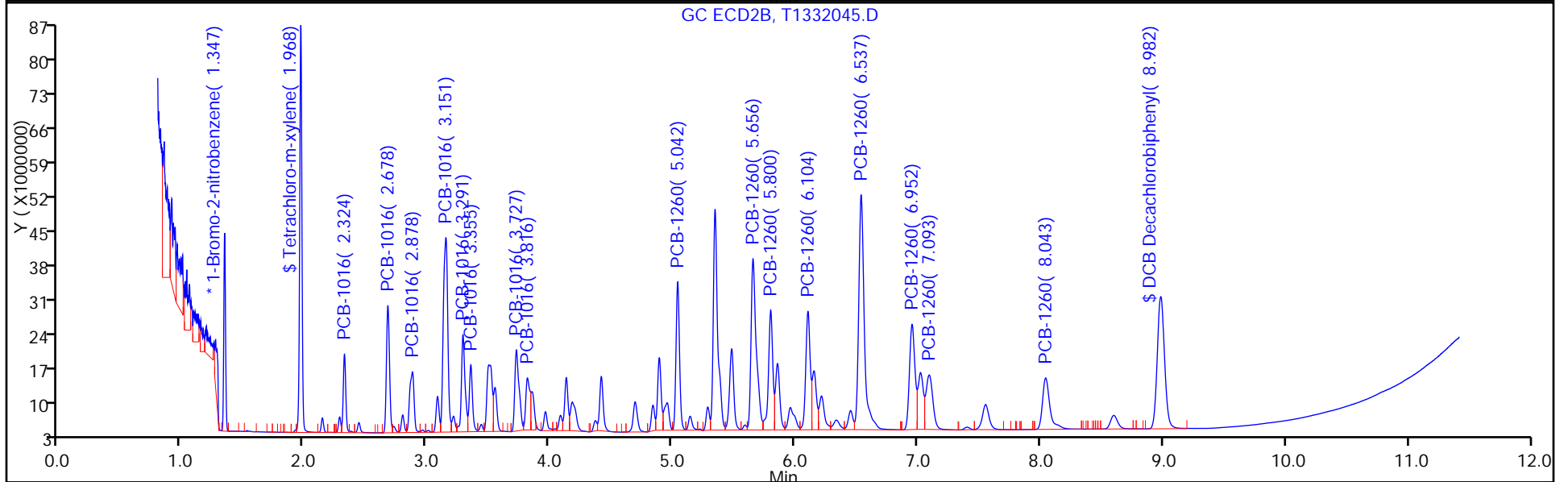
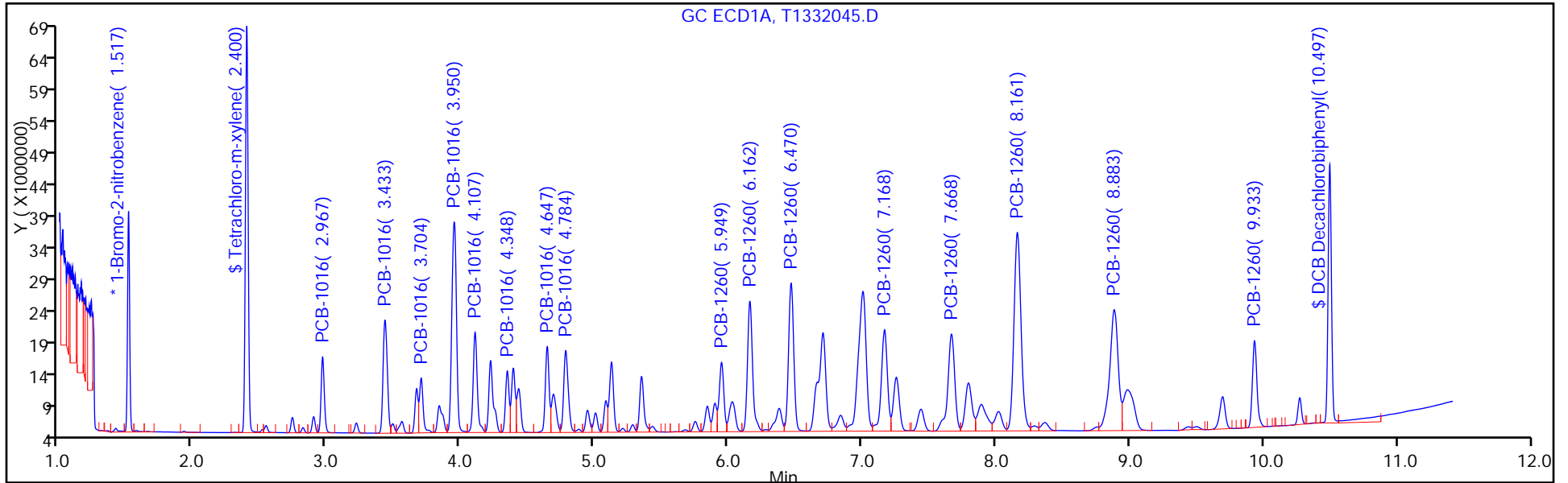
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-386170/2-A
 Matrix: Solid Lab File ID: T1332045.D
 Analysis Method: 8082A Date Collected: _____
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0000 (g) Date Analyzed: 08/23/2016 07:50
 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.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|----|-----|
| 12674-11-2 | Aroclor 1016 | 466 | | 67 | 8.9 |
| 11096-82-5 | Aroclor 1260 | 461 | | 67 | 9.2 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 116 | | 47-150 |

TestAmerica Edison
Target Compound Quantitation Report

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D
 Lims ID: LCS 460-386170/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 23-Aug-2016 07:50:38 ALS Bottle#: 4 Worklist Smp#: 4
 Injection Vol: 1.0 ul Dil. Factor: 1.0000
 Sample Info:
 Operator ID: Instrument ID: CPESTGC11
 Method: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\8082 ISTD.m
 Limit Group: GC 8082A PCB ISTD
 Last Update: 23-Aug-2016 10:14:38 Calib Date: 17-Jun-2016 19:43:54
 Integrator: Falcon
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\ChromNA\Edison\ChromData\CPESTGC11\20160617-42300.b\T1329669.D
 Column 1 : Det: GC ECD1A
 Column 2 : Det: GC ECD2B
 Process Host: XAWRK029

First Level Reviewer: patelji Date: 23-Aug-2016 08:46:45

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

* 13 1-Bromo-2-nitrobenzene

| | | | | | | | |
|---|-------|-------|-------|----------|------|------------|--|
| 1 | 1.517 | 1.517 | 0.000 | 38302377 | 20.0 | 20.0 | |
| 2 | 1.347 | 1.347 | 0.000 | 39820983 | 20.0 | 20.0 | |
| | | | | | | RPD = 0.00 | |

\$ 2 Tetrachloro-m-xylene

| | | | | | | | |
|---|-------|-------|--------|-----------|------|------------|--|
| 1 | 2.400 | 2.402 | -0.002 | 92356758 | 50.0 | 54.7 | |
| 2 | 1.968 | 1.969 | -0.001 | 105224228 | 50.0 | 58.9 | |
| | | | | | | RPD = 7.32 | |

| Col | RT (min.) | Exp RT (min.) | Dlt RT (min.) | Response | Cal Amt ug/l | OnCol Amt ug/l | Flags |
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|
|-----|-----------|---------------|---------------|----------|--------------|----------------|-------|

5 PCB-1016

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| | | | | | | | M |
| 1 | 2.967 | 2.969 | -0.002 | 20157834 | 500.0 | 640.2 | |
| 1 | 3.433 | 3.436 | -0.003 | 39677957 | 500.0 | 640.5 | |
| 1 | 3.704 | 3.706 | -0.002 | 16749965 | 500.0 | 621.0 | |
| 1 | 3.950 | 3.954 | -0.004 | 80811415 | 500.0 | 639.3 | |
| 1 | 4.107 | 4.109 | -0.002 | 33991068 | 500.0 | 637.8 | |
| 1 | 4.348 | 4.350 | -0.002 | 18213938 | 500.0 | 664.8 | |
| 1 | 4.647 | 4.649 | -0.002 | 27054162 | 500.0 | 635.9 | |
| 1 | 4.784 | 4.786 | -0.002 | 30874124 | 500.0 | 656.2 | |

Average of Peak Amounts = 642.0

| | | | | | | | |
|---|-------|-------|--------|----------|-------|-------|---|
| 2 | 2.324 | 2.326 | -0.002 | 22870673 | 500.0 | 692.2 | |
| 2 | 2.678 | 2.679 | -0.001 | 45383623 | 500.0 | 703.2 | |
| 2 | 2.878 | 2.880 | -0.002 | 30693176 | 500.0 | 712.4 | |
| 2 | 3.151 | 3.152 | -0.001 | 99879346 | 500.0 | 696.5 | |
| 2 | 3.291 | 3.291 | 0.000 | 41066207 | 500.0 | 693.3 | |
| 2 | 3.355 | 3.356 | -0.001 | 24766274 | 500.0 | 677.0 | |
| 2 | 3.727 | 3.727 | 0.000 | 40128392 | 500.0 | 668.3 | |
| 2 | 3.816 | 3.816 | 0.000 | 25007941 | 500.0 | 746.3 | M |

Average of Peak Amounts = 698.7

RPD = 8.46

8 PCB-1260

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|--|
| 1 | 5.949 | 5.952 | -0.003 | 26549320 | 500.0 | 655.5 | |
| 1 | 6.162 | 6.164 | -0.002 | 54801975 | 500.0 | 643.3 | |
| 1 | 6.470 | 6.472 | -0.002 | 63609105 | 500.0 | 639.0 | |
| 1 | 7.168 | 7.171 | -0.003 | 51271038 | 500.0 | 640.5 | |
| 1 | 7.668 | 7.671 | -0.003 | 55914083 | 500.0 | 633.5 | |
| 1 | 8.161 | 8.165 | -0.004 | 116024737 | 500.0 | 626.0 | |
| 1 | 8.883 | 8.889 | -0.006 | 86197166 | 500.0 | 621.1 | |
| 1 | 9.933 | 9.936 | -0.003 | 32393267 | 500.0 | 630.8 | |

Average of Peak Amounts = 636.2

| | | | | | | | |
|---|-------|-------|--------|-----------|-------|-------|--|
| 2 | 5.042 | 5.043 | -0.001 | 59727306 | 500.0 | 691.2 | |
| 2 | 5.656 | 5.656 | 0.000 | 103877938 | 500.0 | 696.0 | |
| 2 | 5.800 | 5.800 | 0.000 | 59560074 | 500.0 | 654.5 | |
| 2 | 6.104 | 6.105 | -0.001 | 61059014 | 500.0 | 660.8 | |
| 2 | 6.537 | 6.540 | -0.003 | 151446080 | 500.0 | 739.4 | |
| 2 | 6.952 | 6.952 | 0.000 | 67080702 | 500.0 | 636.2 | |
| 2 | 7.093 | 7.094 | -0.001 | 43086753 | 500.0 | 716.9 | |
| 2 | 8.043 | 8.043 | 0.000 | 43861030 | 500.0 | 741.4 | |

Average of Peak Amounts = 692.1

RPD = 8.41

\$ 11 DCB Decachlorobiphenyl

| | | | | | | | |
|---|--------|--------|--------|-----------|------|------|--|
| 1 | 10.497 | 10.497 | 0.000 | 71661770 | 50.0 | 52.3 | |
| 2 | 8.982 | 8.983 | -0.001 | 111384281 | 50.0 | 58.1 | |

RPD = 10.52

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00006

Amount Added: 20.00

Units: uL

Run Reagent

TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date: 23-Aug-2016 07:50:38

Instrument ID: CPESTGC11

Operator ID:

Lims ID: LCS 460-386170/2-A

Worklist Smp#: 4

Client ID:

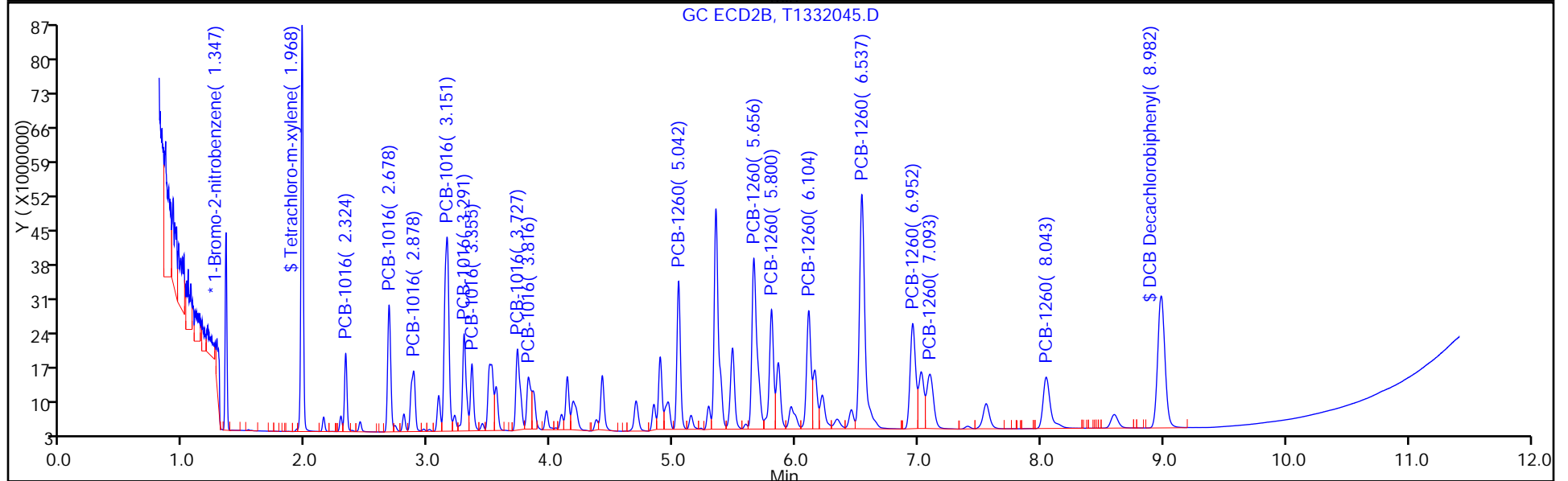
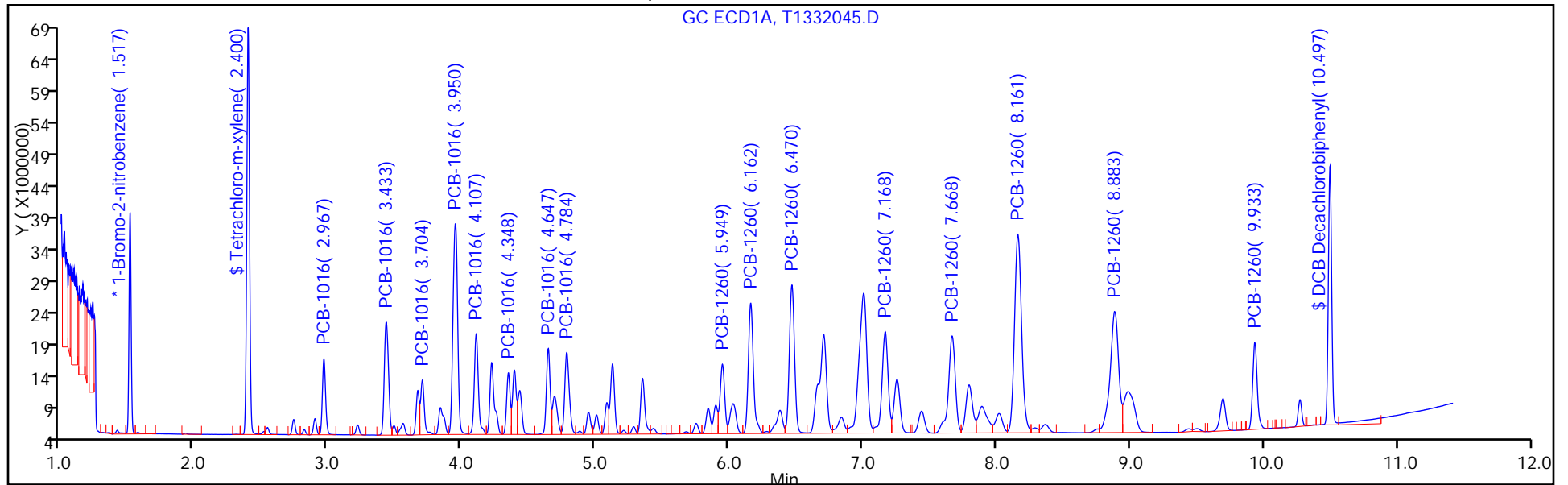
Injection Vol: 1.0 ul

Dil. Factor: 1.0000

ALS Bottle#: 4

Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD



TestAmerica Edison

Data File: \\ChromNA\Edison\ChromData\CPESTGC11\20160823-44748.b\T1332045.D

Injection Date: 23-Aug-2016 07:50:38

Instrument ID: CPESTGC11

Lims ID: LCS 460-386170/2-A

Client ID:

Operator ID:

ALS Bottle#: 4

Worklist Smp#: 4

Injection Vol: 1.0 ul

Dil. Factor: 1.0000

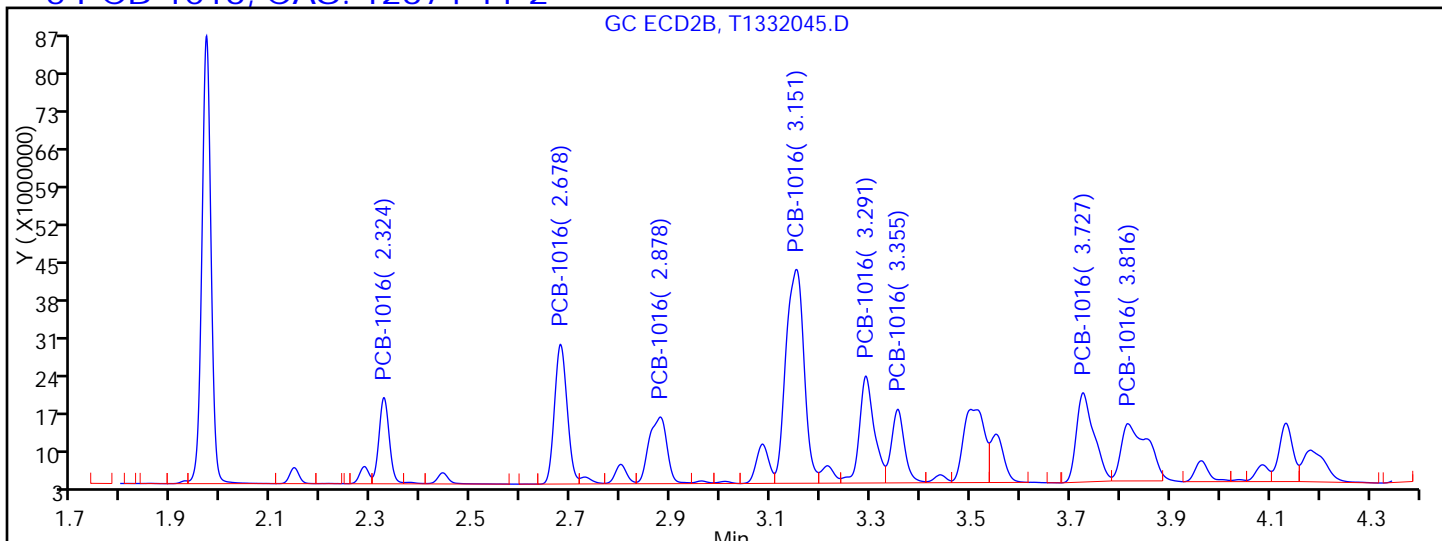
Method: 8082 ISTD

Limit Group: GC 8082A PCB ISTD

Column:

Detector GC ECD2B

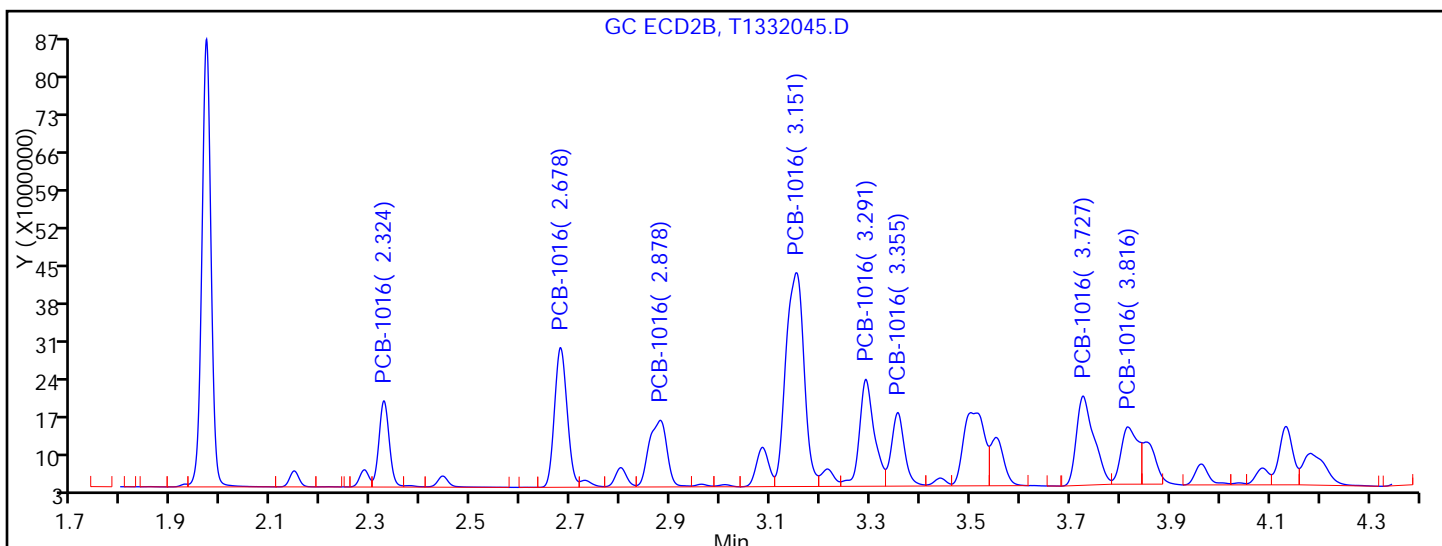
5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

| | |
|------------|---------------------|
| RT = 2.324 | Response = 22870673 |
| RT = 2.678 | Response = 45383623 |
| RT = 2.878 | Response = 30693176 |
| RT = 3.151 | Response = 99879346 |
| RT = 3.291 | Response = 41066207 |
| RT = 3.355 | Response = 24766274 |
| RT = 3.727 | Response = 40128392 |
| RT = 3.816 | Response = 38919387 |

M



Manual Integration Results

| | |
|------------|---------------------|
| RT = 2.324 | Response = 22870673 |
| RT = 2.678 | Response = 45383623 |
| RT = 2.878 | Response = 30693176 |
| RT = 3.151 | Response = 99879346 |
| RT = 3.291 | Response = 41066207 |
| RT = 3.355 | Response = 24766274 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-A MS
 Matrix: Solid Lab File ID: T1332051.D
 Analysis Method: 8082A Date Collected: 08/08/2016 10:53
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0113(g) Date Analyzed: 08/23/2016 09:19
 Con. Extract Vol.: 10 (mL) Dilution Factor: 5
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: 9.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|-----|-----|
| 12674-11-2 | Aroclor 1016 | 1720 | | 370 | 49 |
| 11104-28-2 | Aroclor 1221 | 49 | U | 370 | 49 |
| 11141-16-5 | Aroclor 1232 | 49 | U | 370 | 49 |
| 53469-21-9 | Aroclor 1242 | 49 | U | 370 | 49 |
| 12672-29-6 | Aroclor 1248 | 49 | U | 370 | 49 |
| 11097-69-1 | Aroclor 1254 | 51 | U | 370 | 51 |
| 11096-82-5 | Aroclor 1260 | 920 | | 370 | 51 |
| 37324-23-5 | Aroclor 1262 | 51 | U | 370 | 51 |
| 11100-14-4 | Aroclor 1268 | 51 | U | 370 | 51 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 90 | | 47-150 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-A MS
 Matrix: Solid Lab File ID: T1332051.D
 Analysis Method: 8082A Date Collected: 08/08/2016 10:53
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0113(g) Date Analyzed: 08/23/2016 09:19
 Con. Extract Vol.: 10 (mL) Dilution Factor: 5
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: 9.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|-------------------|---------------------|-------------|---|------------|-----------|
| <i>12674-11-2</i> | <i>Aroclor 1016</i> | <i>1510</i> | | <i>370</i> | <i>49</i> |
| 11104-28-2 | Aroclor 1221 | 49 | U | 370 | 49 |
| 11141-16-5 | Aroclor 1232 | 49 | U | 370 | 49 |
| 53469-21-9 | Aroclor 1242 | 49 | U | 370 | 49 |
| 12672-29-6 | Aroclor 1248 | 49 | U | 370 | 49 |
| 11097-69-1 | Aroclor 1254 | 51 | U | 370 | 51 |
| 11096-82-5 | Aroclor 1260 | 950 | | 370 | 51 |
| 37324-23-5 | Aroclor 1262 | 51 | U | 370 | 51 |
| 11100-14-4 | Aroclor 1268 | 51 | U | 370 | 51 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 47-150 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-B MSD
 Matrix: Solid Lab File ID: T1332052.D
 Analysis Method: 8082A Date Collected: 08/08/2016 10:53
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0080(g) Date Analyzed: 08/23/2016 09:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 9.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|-----|-----|
| 12674-11-2 | Aroclor 1016 | 2100 | | 370 | 49 |
| 11104-28-2 | Aroclor 1221 | 49 | U | 370 | 49 |
| 11141-16-5 | Aroclor 1232 | 49 | U | 370 | 49 |
| 53469-21-9 | Aroclor 1242 | 49 | U | 370 | 49 |
| 12672-29-6 | Aroclor 1248 | 49 | U | 370 | 49 |
| 11097-69-1 | Aroclor 1254 | 51 | U | 370 | 51 |
| 11096-82-5 | Aroclor 1260 | 1110 | | 370 | 51 |
| 37324-23-5 | Aroclor 1262 | 51 | U | 370 | 51 |
| 11100-14-4 | Aroclor 1268 | 51 | U | 370 | 51 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 100 | | 47-150 |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-118325-A-11-B MSD
 Matrix: Solid Lab File ID: T1332052.D
 Analysis Method: 8082A Date Collected: 08/08/2016 10:53
 Extraction Method: 3546 Date Extracted: 08/22/2016 22:43
 Sample wt/vol: 15.0080(g) Date Analyzed: 08/23/2016 09:34
 Con. Extract Vol.: 10(mL) Dilution Factor: 5
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 9.9 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 386235 Units: ug/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|-------------------|---------------------|-------------|---|------------|-----------|
| <i>12674-11-2</i> | <i>Aroclor 1016</i> | <i>1830</i> | | <i>370</i> | <i>49</i> |
| 11104-28-2 | Aroclor 1221 | 49 | U | 370 | 49 |
| 11141-16-5 | Aroclor 1232 | 49 | U | 370 | 49 |
| 53469-21-9 | Aroclor 1242 | 49 | U | 370 | 49 |
| 12672-29-6 | Aroclor 1248 | 49 | U | 370 | 49 |
| 11097-69-1 | Aroclor 1254 | 51 | U | 370 | 51 |
| 11096-82-5 | Aroclor 1260 | 1110 | | 370 | 51 |
| 37324-23-5 | Aroclor 1262 | 51 | U | 370 | 51 |
| 11100-14-4 | Aroclor 1268 | 51 | U | 370 | 51 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 103 | | 47-150 |

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 06/17/2016 16:35

Analysis Batch Number: 374290 End Date: 06/17/2016 19:43

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|----------------------|------------------|------------------|-----------------|-------------|-----------------|
| ZZZZZ | | 06/17/2016 16:35 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 06/17/2016 16:35 | 1 | | CLP-1 0.53 (mm) |
| IC 460-374290/2 | | 06/17/2016 16:49 | 1 | T1329657.D | CLP-2 0.53 (mm) |
| IC 460-374290/2 | | 06/17/2016 16:49 | 1 | T1329657.D | CLP-1 0.53 (mm) |
| IC 460-374290/3 | | 06/17/2016 17:04 | 1 | T1329658.D | CLP-2 0.53 (mm) |
| IC 460-374290/3 | | 06/17/2016 17:04 | 1 | T1329658.D | CLP-1 0.53 (mm) |
| IC 460-374290/4 ICRT | | 06/17/2016 17:18 | 1 | T1329659.D | CLP-2 0.53 (mm) |
| IC 460-374290/4 ICRT | | 06/17/2016 17:18 | 1 | T1329659.D | CLP-1 0.53 (mm) |
| IC 460-374290/5 | | 06/17/2016 17:33 | 1 | T1329660.D | CLP-2 0.53 (mm) |
| IC 460-374290/5 | | 06/17/2016 17:33 | 1 | T1329660.D | CLP-1 0.53 (mm) |
| IC 460-374290/6 | | 06/17/2016 17:47 | 1 | T1329661.D | CLP-2 0.53 (mm) |
| IC 460-374290/6 | | 06/17/2016 17:47 | 1 | T1329661.D | CLP-1 0.53 (mm) |
| ICV 460-374290/7 | | 06/17/2016 18:02 | 1 | T1329662.D | CLP-2 0.53 (mm) |
| ICV 460-374290/7 | | 06/17/2016 18:02 | 1 | T1329662.D | CLP-1 0.53 (mm) |
| IC 460-374290/8 | | 06/17/2016 18:16 | 1 | T1329663.D | CLP-2 0.53 (mm) |
| IC 460-374290/8 | | 06/17/2016 18:16 | 1 | T1329663.D | CLP-1 0.53 (mm) |
| IC 460-374290/9 | | 06/17/2016 18:31 | 1 | T1329664.D | CLP-2 0.53 (mm) |
| IC 460-374290/9 | | 06/17/2016 18:31 | 1 | T1329664.D | CLP-1 0.53 (mm) |
| IC 460-374290/10 | | 06/17/2016 18:45 | 1 | T1329665.D | CLP-2 0.53 (mm) |
| IC 460-374290/10 | | 06/17/2016 18:45 | 1 | T1329665.D | CLP-1 0.53 (mm) |
| IC 460-374290/11 | | 06/17/2016 19:00 | 1 | T1329666.D | CLP-2 0.53 (mm) |
| IC 460-374290/11 | | 06/17/2016 19:00 | 1 | T1329666.D | CLP-1 0.53 (mm) |
| IC 460-374290/12 | | 06/17/2016 19:14 | 1 | T1329667.D | CLP-2 0.53 (mm) |
| IC 460-374290/12 | | 06/17/2016 19:14 | 1 | T1329667.D | CLP-1 0.53 (mm) |
| IC 460-374290/13 | | 06/17/2016 19:29 | 1 | T1329668.D | CLP-2 0.53 (mm) |
| IC 460-374290/13 | | 06/17/2016 19:29 | 1 | T1329668.D | CLP-1 0.53 (mm) |
| IC 460-374290/14 | | 06/17/2016 19:43 | 1 | T1329669.D | CLP-2 0.53 (mm) |
| IC 460-374290/14 | | 06/17/2016 19:43 | 1 | T1329669.D | CLP-1 0.53 (mm) |

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 08/23/2016 06:57

Analysis Batch Number: 386235 End Date: 08/23/2016 13:38

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|--------------------------|------------------|------------------|-----------------|-------------|-------------------|
| ZZZZZ | | 08/23/2016 06:57 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 06:57 | 1 | | CLP-1 0.53 (mm) |
| CCVIS 460-386235/2 | | 08/23/2016 07:12 | 1 | T1332043.D | CLP-2 0.53 (mm) |
| CCVIS 460-386235/2 | | 08/23/2016 07:12 | 1 | T1332043.D | Rtx-CLP 0.53 (mm) |
| MB 460-386170/1-A | | 08/23/2016 07:35 | 1 | T1332044.D | CLP-2 0.53 (mm) |
| MB 460-386170/1-A | | 08/23/2016 07:35 | 1 | T1332044.D | CLP-1 0.53 (mm) |
| LCS 460-386170/2-A | | 08/23/2016 07:50 | 1 | T1332045.D | CLP-2 0.53 (mm) |
| LCS 460-386170/2-A | | 08/23/2016 07:50 | 1 | T1332045.D | CLP-1 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:05 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:05 | 1 | | CLP-1 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:20 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:20 | 1 | | CLP-1 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:35 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:35 | 1 | | CLP-1 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:50 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 08:50 | 1 | | CLP-1 0.53 (mm) |
| ZZZZZ | | 08/23/2016 09:05 | 5 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 09:05 | 5 | | CLP-1 0.53 (mm) |
| 460-118325-A-11-A MS | | 08/23/2016 09:19 | 5 | T1332051.D | CLP-2 0.53 (mm) |
| 460-118325-A-11-A MS | | 08/23/2016 09:19 | 5 | T1332051.D | CLP-1 0.53 (mm) |
| 460-118325-A-11-B MSD | | 08/23/2016 09:34 | 5 | T1332052.D | CLP-2 0.53 (mm) |
| 460-118325-A-11-B MSD | | 08/23/2016 09:34 | 5 | T1332052.D | CLP-1 0.53 (mm) |
| CCV 460-386235/12 | | 08/23/2016 09:49 | 1 | | CLP-2 0.53 (mm) |
| CCV 460-386235/12 | | 08/23/2016 09:49 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:04 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:04 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:19 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:19 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:42 | 2 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:42 | 2 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:57 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 10:57 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:12 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:12 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:27 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:27 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:42 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:42 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:57 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 11:57 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 12:12 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 12:12 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 12:26 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 12:26 | 1 | | Rtx-CLP 0.53 (mm) |

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Instrument ID: CPESTGC11 Start Date: 08/23/2016 06:57

Analysis Batch Number: 386235 End Date: 08/23/2016 13:38

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|---------------------|------------------|------------------|-----------------|-------------|-------------------|
| CCVIS 460-386235/23 | | 08/23/2016 12:51 | 1 | T1332064.D | CLP-2 0.53 (mm) |
| CCVIS 460-386235/23 | | 08/23/2016 12:51 | 1 | T1332064.D | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 13:08 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 13:08 | 1 | | Rtx-CLP 0.53 (mm) |
| ZZZZZ | | 08/23/2016 13:23 | 1 | | CLP-2 0.53 (mm) |
| ZZZZZ | | 08/23/2016 13:23 | 1 | | Rtx-CLP 0.53 (mm) |
| 460-118325-17 | | 08/23/2016 13:38 | 1 | T1332067.D | CLP-2 0.53 (mm) |
| 460-118325-17 | | 08/23/2016 13:38 | 1 | T1332067.D | Rtx-CLP 0.53 (mm) |

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Batch Number: 386170 Batch Start Date: 08/22/16 22:43 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date: _____

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | OP_PCBSP 00032 | OPPSTPCBSURR 00008 | | |
|---------------------|------------------|--------------|-------|---------------|-------------|----------------|--------------------|--|--|
| MB 460-386170/1 | | 3546, 8082A | | 15.0000 g | 10 mL | | 50 uL | | |
| LCS 460-386170/2 | | 3546, 8082A | | 15.0000 g | 10 mL | 50 uL | 50 uL | | |
| 460-118325-A-11 MS | | 3546, 8082A | T | 15.0113 g | 10 mL | 50 uL | 50 uL | | |
| 460-118325-A-11 MSD | | 3546, 8082A | T | 15.0080 g | 10 mL | 50 uL | 50 uL | | |
| 460-118325-A-17 | PRA-P25E1-10.75 | 3546, 8082A | T | 15.0322 g | 10 mL | | 50 uL | | |

| Batch Notes | |
|--------------------------------|------------------------------------|
| Acid used for Clean Up ID | 143508 |
| Balance ID | A1 |
| Batch Comment | PCB-SOIL |
| Analyst ID - Concentration | archie |
| Exchange Solvent ID | 143600 |
| Exchange Solvent Name | hexane |
| Final Concentrator Volume | 10 mL |
| Hexane ID | 143600 |
| MeCl2 / Acetone ID | 140899 |
| Microwave Start Time | 4am |
| Microwave Stop Time | 4:30am |
| Na2SO4 ID | 433101 (Silica Sand Lot #523501) |
| Person's name who did the prep | archie |
| Analyst ID - Spike Analyst | archie |
| TBA ID | (SW3665) LOT# 1826 |
| Water Bath Temperature | n-evap temp. uncorrected 37c |

| Basis | Basis Description |
|-------|-------------------|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-118325-3

SDG No.: _____

Project: McCandless

Client Sample ID
PRA-P25E1-10.75

Lab Sample ID
460-118325-17

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison

Job Number: 460-118325-3

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: 460-118325-3

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 | |

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/14/2016 23:08 End Date: 09/14/2016 23:08

| Lab Sample ID | D / F | Type | Time | Analytes | | | | | | | | | | | | | | | | |
|------------------|-------|------|-------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | % S o l | M o i s t | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| ZZZZZZ | | | 23:08 | | | | | | | | | | | | | | | | | |
| 460-118325-17 | 1 | T | 23:08 | X | X | | | | | | | | | | | | | | | |
| 460-118325-17 DU | 1 | T | 23:08 | X | X | | | | | | | | | | | | | | | |

Prep Types
T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-118325-3

SDG No.: _____

Batch Number: 390559 Batch Start Date: 09/14/16 23:08 Batch Analyst: Rivera, Kenneth

Batch Method: Moisture Batch End Date: _____

| Lab Sample ID | Client Sample ID | Method Chain | Basis | DISH# | DishWeight | SampleMassWet | SampleMassDry | | |
|-----------------------|------------------|--------------|-------|-------|------------|---------------|---------------|--|--|
| 460-118325-A-17 | PRA-P25E1-10.75 | Moisture | T | 263 | 1.01 g | 6.33 g | 5.67 g | | |
| 460-118325-A-17 DU | PRA-P25E1-10.75 | Moisture | T | 264 | 1.01 g | 7.35 g | 6.53 g | | |

| Batch Notes | |
|--------------------------------------|---------------|
| Balance ID | 104 No Unit |
| Date samples were placed in the oven | 09/14/16 |
| Oven Temp In | 105 Degrees C |
| Time samples were place in the oven | 23:25 |
| Date samples were removed from oven | 09/15/16 |
| Oven Temp Out | 107 Degrees C |
| Time Samples were removed from oven | 1128 |
| Oven ID | 1 |
| Thermometer ID | 117036 |
| Uncorrected In Temperature | 105 Celsius |
| Uncorrected Out Temperature | 107 Celsius |

| Basis | Basis Description |
|-------|-------------------|
| T | Total/NA |

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

Shipping and Receiving Documents

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Name (for report and invoice)

Jim Fisher

Company Antea Group

Address 500 Summit Lake Dr. Suite 100

City Valhalla State NY

Phone _____ Fax _____

CHAIN OF CUSTODY / ANALYSIS REQUEST

Samplers Name (Printed) Jaroleme

P.O.# Chris Costantino andrew musicko

Site/Project Identification Mc Conkiss

State (Location of site): NJ: NY: Other: _____

Regulatory Program: SRP

Analysis Turnaround Time

Standard

Rush Charges Authorized For:

2 Week

1 Week

Other

ANALYSIS REQUESTED (ENTER BY ANALYST)



460-118325 Chain of Custody

LAB USE ONLY Project No:

Job No: 118325

Sample Numbers

-1

-2

-3

-4

-5

-65

-75

-86

-97

No. of Cont.

Matrix

Time

Date

8/8/16

14:53

SO

1

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

5-Day

RUSH

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH

Soil: 1

Water: _____

6 = Other, 7 = Other

Special Instructions

Relinquished by _____

Company Antea Group

Date / Time 8/8/16 11:00

Received by 1) Jaroleme

Company TA

Relinquished by _____

Company TA

Date / Time 8/16/16

Received by 2) Jaroleme

Company TA

Relinquished by _____

Company TA

Date / Time 8/16/1910

Received by 3) Jaroleme

Company TA

Received by 4) Jaroleme

Company TA

Water Metals Filtered (Yes/No)?

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Company TA

Hold ->

Hold ->

Hold ->

1910

JR7 - noes 101

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 460-118325-3

Login Number: 118325

List Source: TestAmerica Edison

List Number: 1

Creator: Lysy, Susan

| Question | Answer | Comment |
|--|--------|---|
| Radioactivity wasn't checked or is \leq background as measured by a survey meter. | N/A | |
| The cooler's custody seal, if present, is intact. | N/A | Not present |
| Sample custody seals, if present, are intact. | N/A | |
| 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 | 1.1°C IR#7 |
| 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 containers received and the COC. | True | |
| Samples are received within Holding Time (excluding tests with immediate HTs) | 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 | |
| Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4"). | N/A | |
| Multiphasic samples are not present. | N/A | |
| Samples do not require splitting or compositing. | N/A | |
| Residual Chlorine Checked. | N/A | No analysis requiring residual chlorine check assigned. |