

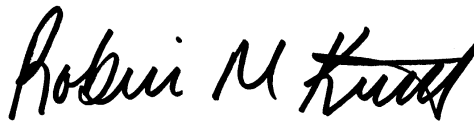
ANALYTICAL REPORT

Job Number: 510-70413-2

Job Description: South Bend Former Studebaker Foundry

For:

Weaver Boos Consultants LLC
4085 Meghan Beeler Court
South Bend, IN 46628
Attention: Jodi Slough



Approved for release.
Robin M Kintz
Project Manager I
10/13/2011 4:42 PM

Robin M Kintz
Project Manager I
robinm.kintz@testamericainc.com
10/13/2011

The test results in this report meet all NELAC requirements for parameters which accreditation is required or available. Any exceptions to NELAC requirements are noted in this report. Pursuant to NELAC, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the Project Manager who signed this test report.

Valparaiso Certifications and IDs: New Hampshire (283711), Illinois (200065), Indiana DW (C-64-01), Indiana DW Micro (M-64-4), Washington (C842), Kentucky UST (57) and Foreign Soil Permit (P330-11-00073).

TestAmerica Laboratories, Inc.

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Job Narrative
510-70413-2

Comments

PCB analysis was requested to be run on some samples after all other analysis was completed.

Receipt

All samples were received in good condition within temperature requirements.

GC Semi VOA

Method(s) 8082: Surrogate recovery for the following samples was outside control limits: SB0058:Field Duplicate (510-70413-5). The samples were diluted and that affected the recoveries for the surrogates. Preparation batch 88014.

Method(s) 8082: The following samples were diluted due to the matrix of the samples: SB0058:Field Duplicate (510-70413-5). Elevated reporting limits (RLs) are provided. Preparation batch 88014.

Method(s) 8082: The following samples required two sulfuric acid clean-ups to reduce matrix interferences: SB0058:Field Duplicate (510-70413-5). Preparation batch 88014.

Method(s) 8082: The following samples required a mercury clean-up to reduce matrix interferences caused by sulfur: SB0058:Field Duplicate (510-70413-5). Preparation batch 88014.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Instrument ID: SGCA Analysis Batch Number: 87982

Lab Sample ID: STD20 510-87982/1 IC Client Sample ID: _____

Date Analyzed: 10/11/11 13:25 Lab File ID: B4803.D GC Column: 8082/608 ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|-----------------|----------------|------------------------|---------|----------------|
| | | REASON | ANALYST | DATE |
| PCB-1260 Peak 1 | 6.78 | Incomplete Integration | iversc | 10/11/11 15:30 |
| PCB-1260 Peak 2 | 7.27 | Incomplete Integration | iversc | 10/11/11 15:30 |
| PCB-1260 Peak 3 | 7.51 | Incomplete Integration | iversc | 10/11/11 15:30 |
| PCB-1260 Peak 4 | 7.82 | Incomplete Integration | iversc | 10/11/11 15:30 |
| PCB-1260 Peak 5 | 8.57 | Incomplete Integration | iversc | 10/11/11 15:30 |

Lab Sample ID: STD250 510-87982/4 IC Client Sample ID: _____

Date Analyzed: 10/11/11 14:11 Lab File ID: B4806.D GC Column: 8082/608 ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|---------------------|----------------|------------------------|---------|----------------|
| | | REASON | ANALYST | DATE |
| Dibutylchloroendate | 9.57 | Incomplete Integration | iversc | 10/11/11 15:31 |

Lab Sample ID: STD1221 510-87982/10 IC Client Sample ID: _____

Date Analyzed: 10/11/11 15:43 Lab File ID: B4812.D GC Column: 8082/608 ID: 0.53 (mm)

| COMPOUND NAME | RETENTION TIME | MANUAL INTEGRATION | | |
|-----------------|----------------|------------------------|---------|----------------|
| | | REASON | ANALYST | DATE |
| PCB-1221 Peak 1 | 2.25 | Incomplete Integration | iversc | 10/11/11 16:05 |
| PCB-1221 Peak 2 | 2.94 | Incomplete Integration | iversc | 10/11/11 16:05 |
| PCB-1221 Peak 3 | 3.11 | Incomplete Integration | iversc | 10/11/11 16:05 |
| PCB-1221 Peak 4 | 3.16 | Incomplete Integration | iversc | 10/11/11 16:05 |
| PCB-1221 Peak 5 | 4.37 | Incomplete Integration | iversc | 10/11/11 16:05 |

SAMPLE SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

| Lab Sample ID | Client Sample ID | Client Matrix | Date/Time Sampled | Date/Time Received |
|----------------------|-------------------------|----------------------|------------------------------|-------------------------------|
| 510-70413-5 | SB0058:Field Duplicate | Solid | 09/23/2011 1500 | 09/24/2011 1100 |

EXECUTIVE SUMMARY - Detections

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

| Lab Sample ID Analyte | Client Sample ID | Result | Qualifier | Reporting Limit | Units | Method |
|--------------------------|------------------|--------|-----------|--------------------|-------|--------|
|--------------------------|------------------|--------|-----------|--------------------|-------|--------|

No Detections

METHOD SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

| Description | Lab Location | Method | Preparation Method |
|--|---------------------|---------------|---------------------------|
| Matrix Solid | | | |
| Polychlorinated Biphenyls (PCBs) by Gas Chromatography | TAL VAL | SW846 8082 | |
| Mircrowave | TAL VAL | | SW846 3546 |

Lab References:

TAL VAL = TestAmerica Valparaiso

Method References:

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

METHOD / ANALYST SUMMARY

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

| Method | Analyst | Analyst ID |
|---------------|--------------------|-------------------|
| SW846 8082 | Ivers, Catherine L | CLI |

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

Surrogate Recovery Report

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

| Lab Sample ID | Client Sample ID | DBC1 %Rec | DCB1 %Rec |
|-------------------|------------------------------|--------------|--------------|
| 510-70413-5 DL | SB0058:Field Duplicate DL | 8X | 64 |
| MB 510-88014/1-A | | 74 | 92 |
| LCS 510-88014/2-A | | 85 | 101 |

| Surrogate | Acceptance Limits |
|------------------------------|-------------------|
| DBC = Dibutylchloroendate | 10-132 |
| DCB = DCB Decachlorobiphenyl | 14-147 |

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

Method Blank - Batch: 510-88014

Method: 8082
Preparation: 3546

Lab Sample ID: MB 510-88014/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 1230
Prep Date: 10/12/2011 0811
Leach Date: N/A

Analysis Batch: 510-88023
Prep Batch: 510-88014
Leach Batch: N/A
Units: mg/Kg

Instrument ID: SGCA
Lab File ID: B4850.D
Initial Weight/Volume: 15 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

| Analyte | Result | Qual | RL |
|----------|--------|------|-------|
| PCB-1016 | <0.020 | | 0.020 |
| PCB-1221 | <0.020 | | 0.020 |
| PCB-1232 | <0.020 | | 0.020 |
| PCB-1242 | <0.020 | | 0.020 |
| PCB-1248 | <0.020 | | 0.020 |
| PCB-1254 | <0.020 | | 0.020 |
| PCB-1260 | <0.020 | | 0.020 |

| Surrogate | % Rec | Acceptance Limits |
|------------------------|-------|-------------------|
| DCB Decachlorobiphenyl | 92 | 14 - 147 |
| Dibutylchloroendate | 74 | 10 - 132 |

Lab Control Sample - Batch: 510-88014

Method: 8082
Preparation: 3546

Lab Sample ID: LCS 510-88014/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/12/2011 1245
Prep Date: 10/12/2011 0811
Leach Date: N/A

Analysis Batch: 510-88023
Prep Batch: 510-88014
Leach Batch: N/A
Units: mg/Kg

Instrument ID: SGCA
Lab File ID: B4851.D
Initial Weight/Volume: 15 g
Final Weight/Volume: 5 mL
Injection Volume: 1 uL
Column ID: PRIMARY

| Analyte | Spike Amount | Result | % Rec. | Limit | Qual |
|----------|--------------|--------|--------|----------|------|
| PCB-1016 | 0.334 | 0.330 | 99 | 71 - 118 | |
| PCB-1260 | 0.334 | 0.343 | 103 | 72 - 125 | |

| Surrogate | % Rec | Acceptance Limits |
|------------------------|-------|-------------------|
| DCB Decachlorobiphenyl | 101 | 14 - 147 |
| Dibutylchloroendate | 85 | 10 - 132 |

DATA REPORTING QUALIFIERS

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

| Lab Section | Qualifier | Description |
|--------------------|------------------|-------------------------------------|
| GC Semi VOA | X | Surrogate is outside control limits |

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

QC Association Summary

| <u>Lab Sample ID</u> | <u>Client Sample ID</u> | <u>Report Basis</u> | <u>Client Matrix</u> | <u>Method</u> | <u>Prep Batch</u> |
|---------------------------------|-------------------------|---------------------|----------------------|---------------|-------------------|
| GC Semi VOA | | | | | |
| Prep Batch: 510-88014 | | | | | |
| LCS 510-88014/2-A | Lab Control Sample | T | Solid | 3546 | |
| MB 510-88014/1-A | Method Blank | T | Solid | 3546 | |
| 510-70413-5DL | SB0058:Field Duplicate | T | Solid | 3546 | |
| Analysis Batch:510-88023 | | | | | |
| LCS 510-88014/2-A | Lab Control Sample | T | Solid | 8082 | 510-88014 |
| MB 510-88014/1-A | Method Blank | T | Solid | 8082 | 510-88014 |
| 510-70413-5DL | SB0058:Field Duplicate | T | Solid | 8082 | 510-88014 |

Report Basis

T = Total

Quality Control Results

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

Laboratory Chronicle

Lab ID: 510-70413-5

Client ID: SB0058:Field Duplicate

Sample Date/Time: 09/23/2011 15:00 Received Date/Time: 09/24/2011 11:00

| Method | Bottle ID | Run | Analysis | | Date Prepared / | | Dil | Lab | Analyst |
|--------|-----------------|-----|-----------|------------|-----------------|-------|-----|---------|---------|
| | | | Batch | Prep Batch | Analyzed | | | | |
| P:3546 | 510-70413-J-5-D | DL | 510-88023 | 510-88014 | 10/12/2011 | 08:11 | 10 | TAL VAL | SNP |
| A:8082 | 510-70413-J-5-D | DL | 510-88023 | 510-88014 | 10/12/2011 | 14:44 | 10 | TAL VAL | CLI |

Lab ID: MB

Client ID: N/A

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

| Method | Bottle ID | Run | Analysis | | Date Prepared / | | Dil | Lab | Analyst |
|--------|------------------|-----|-----------|------------|-----------------|-------|-----|---------|---------|
| | | | Batch | Prep Batch | Analyzed | | | | |
| P:3546 | MB 510-88014/1-A | | 510-88023 | 510-88014 | 10/12/2011 | 08:11 | 1 | TAL VAL | SNP |
| A:8082 | MB 510-88014/1-A | | 510-88023 | 510-88014 | 10/12/2011 | 12:30 | 1 | TAL VAL | CLI |

Lab ID: LCS

Client ID: N/A

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

| Method | Bottle ID | Run | Analysis | | Date Prepared / | | Dil | Lab | Analyst |
|--------|-------------------|-----|-----------|------------|-----------------|-------|-----|---------|---------|
| | | | Batch | Prep Batch | Analyzed | | | | |
| P:3546 | LCS 510-88014/2-A | | 510-88023 | 510-88014 | 10/12/2011 | 08:11 | 1 | TAL VAL | SNP |
| A:8082 | LCS 510-88014/2-A | | 510-88023 | 510-88014 | 10/12/2011 | 12:45 | 1 | TAL VAL | CLI |

Lab References:

TAL VAL = TestAmerica Valparaiso

Method 8082

Polychlorinated Biphenyls (PCBs) by
Gas Chromatography by Method 8082

FORM II
PCBS SURROGATE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Matrix: Solid Level: Low

GC Column (1): 8082/608 ID: 0.53 (mm)

| Client Sample ID | Lab Sample ID | DBC1 # | DCB1 # |
|---------------------------|----------------------|--------|--------|
| SB0058:Field Duplicate DL | 510-70413-5 DL | 8 X | 64 |
| | MB 510-88014/1-A | 74 | 92 |
| | LCS 510-88014/2-A | 85 | 101 |

DBC = Dibutylchloroendate
DCB = DCB Decachlorobiphenyl

QC LIMITS
10-132
14-147

Column to be used to flag recovery values

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: B4851.D

Lab ID: LCS 510-88014/2-A Client ID: _____

| COMPOUND | SPIKE ADDED (mg/Kg) | LCS CONCENTRATION (mg/Kg) | LCS % REC | QC LIMITS REC | # |
|----------|---------------------------|---------------------------------|-----------------|---------------------|---|
| PCB-1016 | 0.334 | 0.330 | 99 | 71-118 | |
| PCB-1260 | 0.334 | 0.343 | 103 | 72-125 | |

Column to be used to flag recovery and RPD values

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Lab Sample ID: MB 510-88014/1-A
 Matrix: Solid Date Extracted: 10/12/2011 08:11
 Lab File ID: (1) B4850.D Lab File ID: (2) _____
 Date Analyzed: (1) 10/12/2011 12:30 Date Analyzed: (2) _____
 Instrument ID: (1) SGCA Instrument ID: (2) _____
 GC Column: (1) 8082/608 ID: 0.53(mm) GC Column: (2) _____ ID: _____

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

| CLIENT SAMPLE ID | LAB SAMPLE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|------------------------------|-------------------|--------------------|--------------------|
| | LCS 510-88014/2-A | 10/12/2011 12:45 | |
| SB0058:Field Duplicate DL | 510-70413-5 DL | 10/12/2011 14:44 | |

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-88014/2-A
 Instrument ID (1): SGCA Instrument ID (2): _____
 Date Analyzed (1): 10/12/2011 12:45 Date Analyzed (2): _____
 GC Column (1): 8082/608 ID: 0.53(mm) GC Column (2): _____ ID: _____

| ANALYTE | COL | PEAK | RT | RT WINDOW | | CONCENTRATION | | |
|----------|-----|------|------|-----------|------|---------------|-------|--|
| | | | | FROM | TO | PEAK | MEAN | |
| PCB-1016 | 1 | 1 | 3.16 | 3.06 | 3.26 | 0.315 | 0.330 | |
| | | 2 | 3.58 | 3.48 | 3.68 | 0.329 | | |
| | | 3 | 4.37 | 4.27 | 4.47 | 0.342 | | |
| | | 4 | 4.94 | 4.84 | 5.04 | 0.334 | | |
| | | 5 | 5.49 | 5.39 | 5.59 | 0.329 | | |
| PCB-1260 | 1 | 1 | 6.77 | 6.67 | 6.87 | 0.338 | 0.343 | |
| | | 2 | 7.26 | 7.16 | 7.36 | 0.349 | | |
| | | 3 | 7.50 | 7.39 | 7.59 | 0.348 | | |
| | | 4 | 7.81 | 7.70 | 7.90 | 0.373 | | |
| | | 5 | 8.56 | 8.46 | 8.66 | 0.309 | | |

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Client Sample ID: SB0058:Field Duplicate DL Lab Sample ID: 510-70413-5 DL
 Matrix: Solid Lab File ID: B4858.D
 Analysis Method: 8082 Date Collected: 09/23/2011 15:00
 Extraction Method: 3546 Date Extracted: 10/12/2011 08:11
 Sample wt/vol: 15.81(g) Date Analyzed: 10/12/2011 14:44
 Con. Extract Vol.: 5(mL) Dilution Factor: 10
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: 9.2 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88023 Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|------|-------|
| 12674-11-2 | PCB-1016 | <0.21 | | 0.21 | 0.024 |
| 11104-28-2 | PCB-1221 | <0.21 | | 0.21 | 0.069 |
| 11141-16-5 | PCB-1232 | <0.21 | | 0.21 | 0.014 |
| 53469-21-9 | PCB-1242 | <0.21 | | 0.21 | 0.040 |
| 12672-29-6 | PCB-1248 | <0.21 | | 0.21 | 0.036 |
| 11097-69-1 | PCB-1254 | <0.21 | | 0.21 | 0.034 |
| 11096-82-5 | PCB-1260 | <0.21 | | 0.21 | 0.017 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 64 | | 14-147 |
| 1770-80-5 | Dibutylchloredate | 8 | X | 10-132 |

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4858.D
 Lims ID: 510-70413-J-5-D Client ID: SB0058:Field Duplicate
 Inject. Date: 12-Oct-2011 14:44:22 Dil. Factor: 10.0000
 Sample Type: Client
 Sample ID: 510-70413-j-5-d
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 88023 Lims Sample ID: 16
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111012-5717.b\PCBS.m
 Last Update: 13-Oct-2011 09:15:05 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 13-Oct-2011 09:15:05

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

5 PCB-1221

| | | |
|---|----|-------|
| 1 | 1 | 2.247 |
| 1 | 2 | 2.941 |
| 1 | 3 | 3.108 |
| 1 | 4 | 3.156 |
| 1 | 5 | 4.366 |
| 2 | 6 | 2.501 |
| 2 | 7 | 2.927 |
| 2 | 8 | 3.422 |
| 2 | 9 | 3.613 |
| 2 | 10 | 3.697 |

7 PCB-1232

| | | |
|---|----|-------|
| 1 | 1 | 2.942 |
| 1 | 2 | 3.158 |
| 1 | 3 | 3.583 |
| 1 | 4 | 4.367 |
| 1 | 5 | 4.453 |
| 2 | 6 | 2.502 |
| 2 | 7 | 3.698 |
| 2 | 8 | 4.269 |
| 2 | 9 | 5.153 |
| 2 | 10 | 5.874 |

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4858.D

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-------------|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
| 4 PCB-1016 | | | | | | | | | |
| 1 | 1 | | 3.158 | | | | | | |
| 1 | 2 | | 3.583 | | | | | | |
| 1 | 3 | | 4.366 | | | | | | |
| 1 | 4 | | 4.937 | | | | | | |
| 1 | 5 | | 5.488 | | | | | | |
| 2 | 6 | | 3.698 | | | | | | |
| 2 | 7 | | 4.269 | | | | | | |
| 2 | 8 | | 5.152 | | | | | | |
| 2 | 9 | | 5.583 | | | | | | |
| 2 | 10 | | 5.874 | | | | | | |
| 10 PCB-1242 | | | | | | | | | |
| 1 | 1 | | 3.159 | | | | | | |
| 1 | 2 | | 3.585 | | | | | | |
| 1 | 3 | | 4.454 | | | | | | |
| 1 | 4 | | 5.118 | | | | | | |
| 1 | 5 | | 5.594 | | | | | | |
| 2 | 6 | | 3.699 | | | | | | |
| 2 | 7 | | 4.271 | | | | | | |
| 2 | 8 | | 5.153 | | | | | | |
| 2 | 9 | | 6.544 | | | | | | |
| 2 | 10 | | 6.928 | | | | | | |
| 6 PCB-1248 | | | | | | | | | |
| 1 | 1 | | 3.584 | | | | | | |
| 1 | 2 | | 4.192 | | | | | | |
| 1 | 3 | | 5.061 | | | | | | |
| 1 | 4 | | 5.594 | | | | | | |
| 1 | 5 | | 6.479 | | | | | | |
| 2 | 6 | | 4.270 | | | | | | |
| 2 | 7 | | 5.151 | | | | | | |
| 2 | 8 | | 5.875 | | | | | | |
| 2 | 9 | | 6.544 | | | | | | |
| 2 | 10 | | 6.930 | | | | | | |
| 9 PCB-1254 | | | | | | | | | |
| 1 | 1 | | 5.553 | | | | | | |
| 1 | 2 | | 6.292 | | | | | | |
| 1 | 3 | | 6.477 | | | | | | |
| 1 | 4 | | 6.928 | | | | | | |
| 1 | 5 | | 7.805 | | | | | | |
| 2 | 6 | | 6.540 | | | | | | |
| 2 | 7 | | 6.854 | | | | | | |
| 2 | 8 | | 7.751 | | | | | | |
| 2 | 9 | | 8.270 | | | | | | |
| 2 | 10 | | 9.218 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

11 PCB-1260

| | | | | | | | | | |
|---|----|--|--|--|-------|--|--|--|--|
| 1 | 1 | | | | 6.768 | | | | |
| 1 | 2 | | | | 7.258 | | | | |
| 1 | 3 | | | | 7.494 | | | | |
| 1 | 4 | | | | 7.804 | | | | |
| 1 | 5 | | | | 8.562 | | | | |
| 2 | 6 | | | | 7.827 | | | | |
| 2 | 7 | | | | 8.195 | | | | |
| 2 | 8 | | | | 8.627 | | | | |
| 2 | 9 | | | | 9.348 | | | | |
| 2 | 10 | | | | 9.738 | | | | |

\$ 3 Dibutylchloroendate

| | | | | | | | | | |
|---|---|--------|--------|-------|---------|--------|--|--|---|
| 1 | 1 | 9.571 | 9.568 | 0.003 | 5460681 | 0.7634 | | | 7 |
| 2 | 2 | 10.252 | 10.251 | 0.001 | 4140615 | 3.06 | | | 7 |

RPD = 120.06

LOD = 9.00

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|----------|------|--|--|---|
| 1 | 1 | 10.769 | 10.768 | 0.001 | 12121945 | 6.38 | | | 7 |
| 2 | 2 | 11.570 | 11.569 | 0.001 | 9631765 | 7.33 | | | 7 |

RPD = 13.96

LOD = 9.00

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Report Date: 13-Oct-2011 09:15:05

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4858.D

Injection Date: 12-Oct-2011 14:44:22

Limit Group: SGC - 1 - 8082 CAL

Client ID: SB0058:Field Duplicate

Instrument ID: SGCA

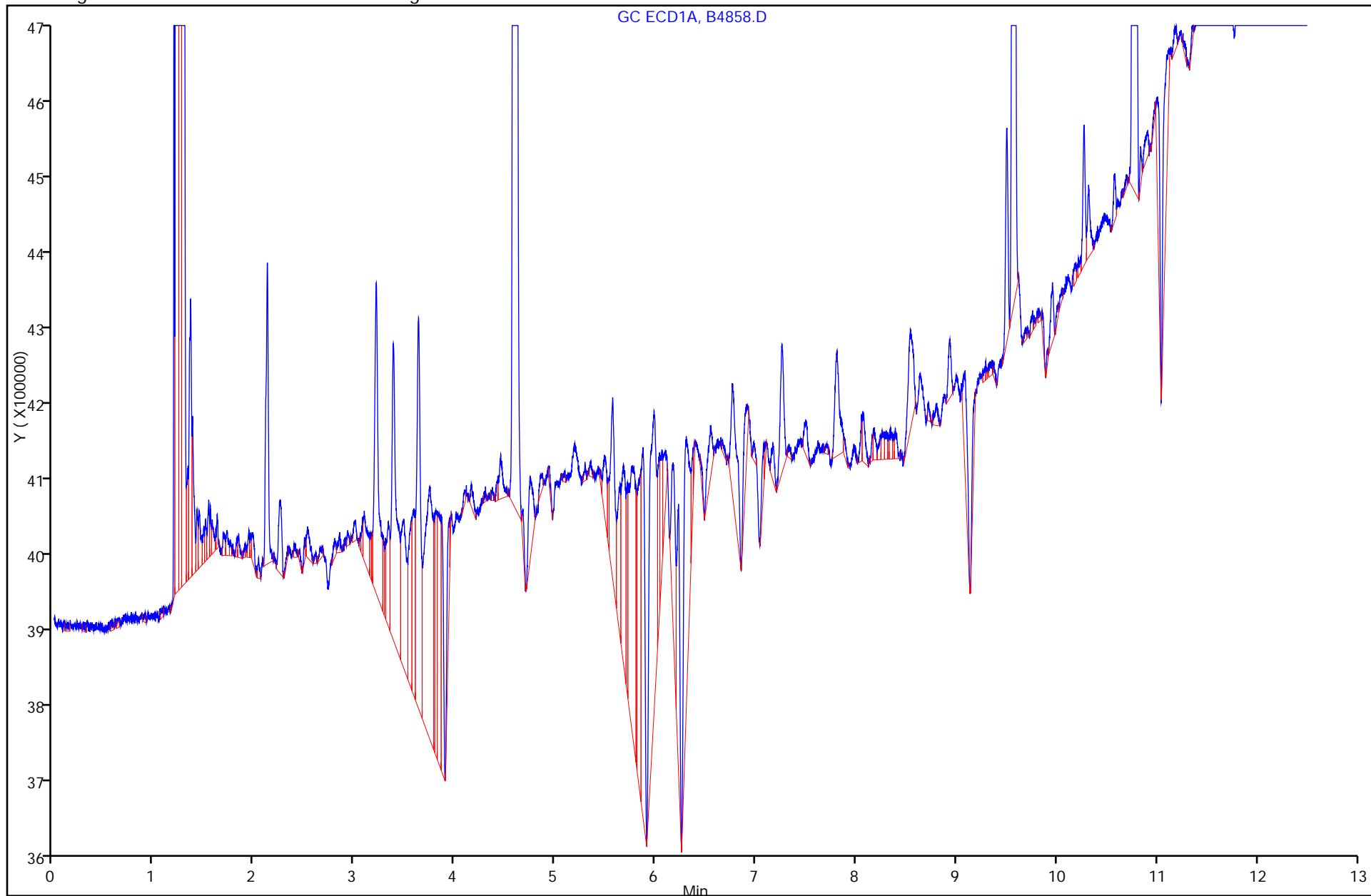
Lims Batch ID: 88023

Lims Sample ID: 16

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 20



FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|---------------------|--------------|
| Level 1 | STD20 510-87982/1 | B4803.D |
| Level 2 | STD50 510-87982/2 | B4804.D |
| Level 3 | STD100 510-87982/3 | B4805.D |
| Level 4 | STD250 510-87982/4 | B4806.D |
| Level 5 | STD500 510-87982/5 | B4807.D |
| Level 6 | STD1000 510-87982/6 | B4808.D |
| Level 7 | STD1500 510-87982/7 | B4809.D |
| Level 8 | STD2000 510-87982/8 | B4810.D |
| Level 9 | STD3000 510-87982/9 | B4811.D |

| ANALYTE | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 6 | LVL 7 | LVL 8 | LVL 9 | | RT WINDOW | AVG RT |
|------------------------|-------|-------|--------|--------|--------|--------|--------|-------|-------|--|-----------------|--------|
| PCB-1016 Peak 1 | 3.169 | 3.159 | 3.159 | 3.159 | 3.161 | 3.160 | 3.161 | 3.158 | 3.157 | | 3.059 - 3.259 | 3.160 |
| PCB-1016 Peak 2 | 3.597 | 3.584 | 3.584 | 3.584 | 3.586 | 3.586 | 3.587 | 3.583 | 3.583 | | 3.484 - 3.684 | 3.586 |
| PCB-1016 Peak 3 | 4.380 | 4.367 | 4.367 | 4.367 | 4.369 | 4.368 | 4.369 | 4.366 | 4.367 | | 4.267 - 4.467 | 4.369 |
| PCB-1016 Peak 4 | 4.951 | 4.939 | 4.937 | 4.938 | 4.939 | 4.938 | 4.939 | 4.936 | 4.937 | | 4.837 - 5.037 | 4.939 |
| PCB-1016 Peak 5 | 5.502 | 5.490 | 5.489 | 5.490 | 5.490 | 5.490 | 5.492 | 5.488 | 5.489 | | 5.389 - 5.589 | 5.491 |
| PCB-1260 Peak 1 | 6.782 | 6.769 | 6.768 | 6.769 | 6.769 | 6.770 | 6.770 | 6.768 | 6.768 | | 6.668 - 6.868 | 6.770 |
| PCB-1260 Peak 2 | 7.271 | 7.259 | 7.258 | 7.256 | 7.259 | 7.258 | 7.259 | 7.257 | 7.257 | | 7.158 - 7.358 | 7.259 |
| PCB-1260 Peak 3 | 7.510 | 7.498 | 7.495 | 7.494 | 7.496 | 7.496 | 7.497 | 7.495 | 7.495 | | 7.395 - 7.595 | 7.497 |
| PCB-1260 Peak 4 | 7.821 | 7.807 | 7.803 | 7.804 | 7.804 | 7.805 | 7.806 | 7.804 | 7.804 | | 7.703 - 7.903 | 7.806 |
| PCB-1260 Peak 5 | 8.573 | 8.564 | 8.561 | 8.561 | 8.564 | 8.563 | 8.564 | 8.561 | 8.562 | | 8.461 - 8.661 | 8.564 |
| Dibutylchloroendate | | | 9.567 | 9.568 | 9.569 | 9.568 | 9.568 | | | | 9.468 - 9.668 | 9.568 |
| DCB Decachlorobiphenyl | | | 10.767 | 10.766 | 10.767 | 10.768 | 10.767 | | | | 10.667 - 10.867 | 10.767 |

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|---------------------|--------------|
| Level 1 | STD20 510-87982/1 | B4803.D |
| Level 2 | STD50 510-87982/2 | B4804.D |
| Level 3 | STD100 510-87982/3 | B4805.D |
| Level 4 | STD250 510-87982/4 | B4806.D |
| Level 5 | STD500 510-87982/5 | B4807.D |
| Level 6 | STD1000 510-87982/6 | B4808.D |
| Level 7 | STD1500 510-87982/7 | B4809.D |
| Level 8 | STD2000 510-87982/8 | B4810.D |
| Level 9 | STD3000 510-87982/9 | B4811.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R ² OR COD | # | MIN R ² OR COD |
|-----------------|----------------------------|------------------|------------------|------------------|------------|-------------|------------|------------|---|--------|------|---|----------|-----------------------|---|---------------------------|
| | LVL 1 LVL 5 LVL 9 | LVL 2 LVL 6 | LVL 3 LVL 7 | LVL 4 LVL 8 | | B | M1 | M2 | | | | | | | | |
| PCB-1016 Peak 1 | 57338 38997 34594 | 41166 38119 | 39513 36988 | 37193 35076 | Qua2 | 192809.282 | 37918.5989 | -1.0687944 | | | | | | 0.9990 | | 0.9950 |
| PCB-1016 Peak 2 | 124532 80558 75008 | 99565 82665 | 85572 79393 | 79740 75738 | Qua2 | 424020.540 | 83359.4154 | -3.1142329 | | | | | | 0.9980 | | 0.9950 |
| PCB-1016 Peak 3 | 94565 64521 61290 | 69427 66246 | 68377 63874 | 63748 62137 | Qua2 | 298802.106 | 64533.0455 | -0.9508568 | | | | | | 1.0000 | | 0.9950 |
| PCB-1016 Peak 4 | 73357 50871 47815 | 54451 52123 | 53858 49986 | 50031 48667 | Qua2 | 223520.229 | 50883.5823 | -0.9215752 | | | | | | 1.0000 | | 0.9950 |
| PCB-1016 Peak 5 | 57735 32485 30194 | 36145 32717 | 35848 31357 | 32743 30834 | Qua2 | 252403.260 | 32351.1700 | -0.7206074 | | | | | | 1.0000 | | 0.9950 |
| PCB-1260 Peak 1 | 149670 93550 86819 | 100586 94822 | 98692 88645 | 92280 88585 | Qua2 | 571502.602 | 92063.5149 | -1.6736040 | | | | | | 0.9990 | | 0.9950 |
| PCB-1260 Peak 2 | 216827 139883 132247 | 150034 141952 | 148470 133866 | 137628 135027 | Qua2 | 782493.097 | 138080.206 | -1.8030256 | | | | | | 1.0000 | | 0.9950 |
| PCB-1260 Peak 3 | 83810 54847 53910 | 55612 56510 | 57384 54406 | 54191 54913 | Qua2 | 299337.212 | 53264.0583 | 0.56448831 | | | | | | 0.9990 | | 0.9950 |

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|------------------------|----------------------------|------------------|--------------------|------------------|---------------|-------------|------------|------------|---|--------|------|---|-------------|---------------|---|-------------------|
| | LVL 1 LVL 5 LVL 9 | LVL 2 LVL 6 | LVL 3 LVL 7 | LVL 4 LVL 8 | | B | M1 | M2 | | | | | | | | |
| PCB-1260 Peak 4 | 246338 144443 138817 | 152049 148313 | 151565 139886 | 142602 141711 | Qua2 | 1053102.98 | 139518.571 | 0.49950237 | | | | | | 0.9990 | | 0.9950 |
| PCB-1260 Peak 5 | 167898 87013 82406 | 96183 89227 | 89286 83518 | 86700 84289 | Qua2 | 838694.092 | 83139.5393 | 0.25016361 | | | | | | 0.9990 | | 0.9950 |
| Dibutylchloroendate | 1747145 | 1962599 | 1906190 1898310 | 1744751 | Qua2 | 4367161.80 | 1429443.26 | 3966.54690 | | | | | | 0.9990 | | 0.9950 |
| DCB Decachlorobiphenyl | 1446753 | 1490218 | 1711631 1349367 | 1386401 | Qua2 | 3361149.01 | 1373310.89 | 59.5867942 | | | | | | 0.9980 | | 0.9950 |

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

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 13:25 Calibration End Date: 10/11/2011 15:28 Calibration ID: 4309

Calibration Files:

| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
|---------|---------------------|--------------|
| Level 1 | STD20 510-87982/1 | B4803.D |
| Level 2 | STD50 510-87982/2 | B4804.D |
| Level 3 | STD100 510-87982/3 | B4805.D |
| Level 4 | STD250 510-87982/4 | B4806.D |
| Level 5 | STD500 510-87982/5 | B4807.D |
| Level 6 | STD1000 510-87982/6 | B4808.D |
| Level 7 | STD1500 510-87982/7 | B4809.D |
| Level 8 | STD2000 510-87982/8 | B4810.D |
| Level 9 | STD3000 510-87982/9 | B4811.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|------------------------|------------|----------------------|----------------------|-----------------------|-----------------------|-----------|----------------------|--------------|-------------|-------------|-------|
| | | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 | LVL 1 | LVL 2 | LVL 3 | LVL 4 | LVL 5 |
| | | LVL 6 | LVL 7 | LVL 8 | LVL 9 | | LVL 6 | LVL 7 | LVL 8 | LVL 9 | |
| PCB-1016 Peak 1 | Qua2 | 573375 38118592 | 2058301 55481719 | 3951267 70152563 | 9298152 103782771 | 19498587 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1016 Peak 2 | Qua2 | 1245316 82665255 | 4978230 119089960 | 8557175 151475595 | 19935066 225024473 | 40279077 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1016 Peak 3 | Qua2 | 945654 66245621 | 3471330 95811618 | 6837742 124273005 | 15936935 183868956 | 32260724 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1016 Peak 4 | Qua2 | 733574 52123236 | 2722538 74979009 | 5385794 97333963 | 12507659 143446130 | 25435504 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1016 Peak 5 | Qua2 | 577347 32717009 | 1807239 47036030 | 3584764 61668024 | 8185856 90581980 | 16242581 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1260 Peak 1 | Qua2 | 1496695 94822260 | 5029324 132966781 | 9869220 177169652 | 23070026 260458380 | 46775192 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1260 Peak 2 | Qua2 | 2168267 141952007 | 7501701 200799101 | 14847021 270053146 | 34406948 396741938 | 69941509 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1260 Peak 3 | Qua2 | 838097 56510308 | 2780607 81608551 | 5738442 109825531 | 13547673 161728598 | 27423408 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1260 Peak 4 | Qua2 | 2463375 148313383 | 7602428 209829450 | 15156497 283421590 | 35650469 416449862 | 72221355 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| PCB-1260 Peak 5 | Qua2 | 1678980 89226920 | 4809136 125276824 | 8928551 168577813 | 21675031 247218726 | 43506278 | 10.0 1000 | 50.0 1500 | 100 2000 | 250 3000 | 500 |
| Dibutylchloroendate | Qua2 | 196259922 | 227797168 | 19061895 | 104685081 | 139771618 | 100 | 120 | 10.0 | 60.0 | 80.0 |
| DCB Decachlorobiphenyl | Qua2 | 149021799 | 161924076 | 17116313 | 83184076 | 115740253 | 100 | 120 | 10.0 | 60.0 | 80.0 |

Curve Type Legend:

Qua2 = Quadratic 1/conc^2

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4803.D

Lims ID: std20 Client ID:
Inject. Date: 11-Oct-2011 13:25:25 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: std20

Misc. Info.:
Operator: Instrument ID: SGCA
Vol. Injected: 1.0000 ALS Bottle#: 1
Lims Batch ID: 87982 Lims Sample ID: 1
Sublist: chrom-PCBS*sub1
Detector 1 : GC ECD1A
Detector 2 : GC ECD2B

Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
Last Update: 11-Oct-2011 15:30:26 Calib Date: 11-Oct-2011 14:57:23
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
Limit Group: SGC - 1 - 8082 CAL
Integrator: Falcon
Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:30:26

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|---------|------|--------------|-------|--|
| 1 | 1 | 3.169 | 3.159 | 0.010 | 573375 | 10.0 | | 100.0 | |
| 1 | 2 | 3.597 | 3.584 | 0.013 | 1245316 | 9.86 | 186.9- 246.9 | 217.2 | |
| 1 | 3 | 4.380 | 4.367 | 0.013 | 945654 | 10.0 | 143.8- 203.8 | 164.9 | |
| 1 | 4 | 4.951 | 4.937 | 0.014 | 733574 | 10.0 | 106.7- 166.7 | 127.9 | |
| 1 | 5 | 5.502 | 5.489 | 0.013 | 577347 | 10.0 | 55.8- 115.8 | 100.7 | |
| Average of Peak Amounts = | | | | | | 9.98 | | | |
| 2 | 6 | 3.702 | 3.699 | 0.003 | 413876 | 9.97 | | 100.0 | |
| 2 | 7 | 4.274 | 4.271 | 0.003 | 924761 | 10.0 | 189.6- 249.6 | 223.4 | |
| 2 | 8 | 5.157 | 5.152 | 0.005 | 681586 | 9.87 | 138.6- 198.6 | 164.7 | |
| 2 | 9 | 5.584 | 5.583 | 0.001 | 319945 | 10.0 | 49.7- 109.7 | 77.3 | |
| 2 | 10 | 5.878 | 5.874 | 0.004 | 576073 | 10.0 | 108.1- 168.1 | 139.2 | |
| Average of Peak Amounts = | | | | | | 9.97 | | | |

RPD = 0.11

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|---------|------|--------------|-------|---|
| 1 | 1 | 6.782 | 6.768 | 0.014 | 1496695 | 10.0 | | 100.0 | M |
| 1 | 2 | 7.271 | 7.258 | 0.013 | 2168267 | 10.0 | 119.7- 179.7 | 144.9 | |
| 1 | 3 | 7.510 | 7.495 | 0.015 | 838097 | 10.1 | 29.6- 89.6 | 56.0 | |
| 1 | 4 | 7.821 | 7.821 | 0.000 | 2463375 | 10.1 | 126.4- 186.4 | 164.6 | M |
| 1 | 5 | 8.573 | 8.561 | 0.012 | 1678980 | 10.1 | 64.1- 124.1 | 112.2 | |
| Average of Peak Amounts = | | | | | | 10.1 | | | |
| 2 | 6 | 7.833 | 7.827 | 0.006 | 540815 | 10.0 | | 100.0 | |
| 2 | 7 | 8.200 | 8.196 | 0.004 | 1165515 | 10.0 | 163.4- 223.4 | 215.5 | |
| 2 | 8 | 8.630 | 8.627 | 0.003 | 1457402 | 10.0 | 201.9- 261.9 | 269.5 | |
| 2 | 9 | 9.349 | 9.347 | 0.002 | 1027212 | 10.0 | 146.4- 206.4 | 189.9 | |
| 2 | 10 | 9.741 | 9.737 | 0.004 | 1147411 | 10.0 | 153.8- 213.8 | 212.2 | |
| Average of Peak Amounts = | | | | | | 10.0 | | | |

RPD = 0.33

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Oct-2011 15:30:27

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4803.D

Injection Date: 11-Oct-2011 13:25:25

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

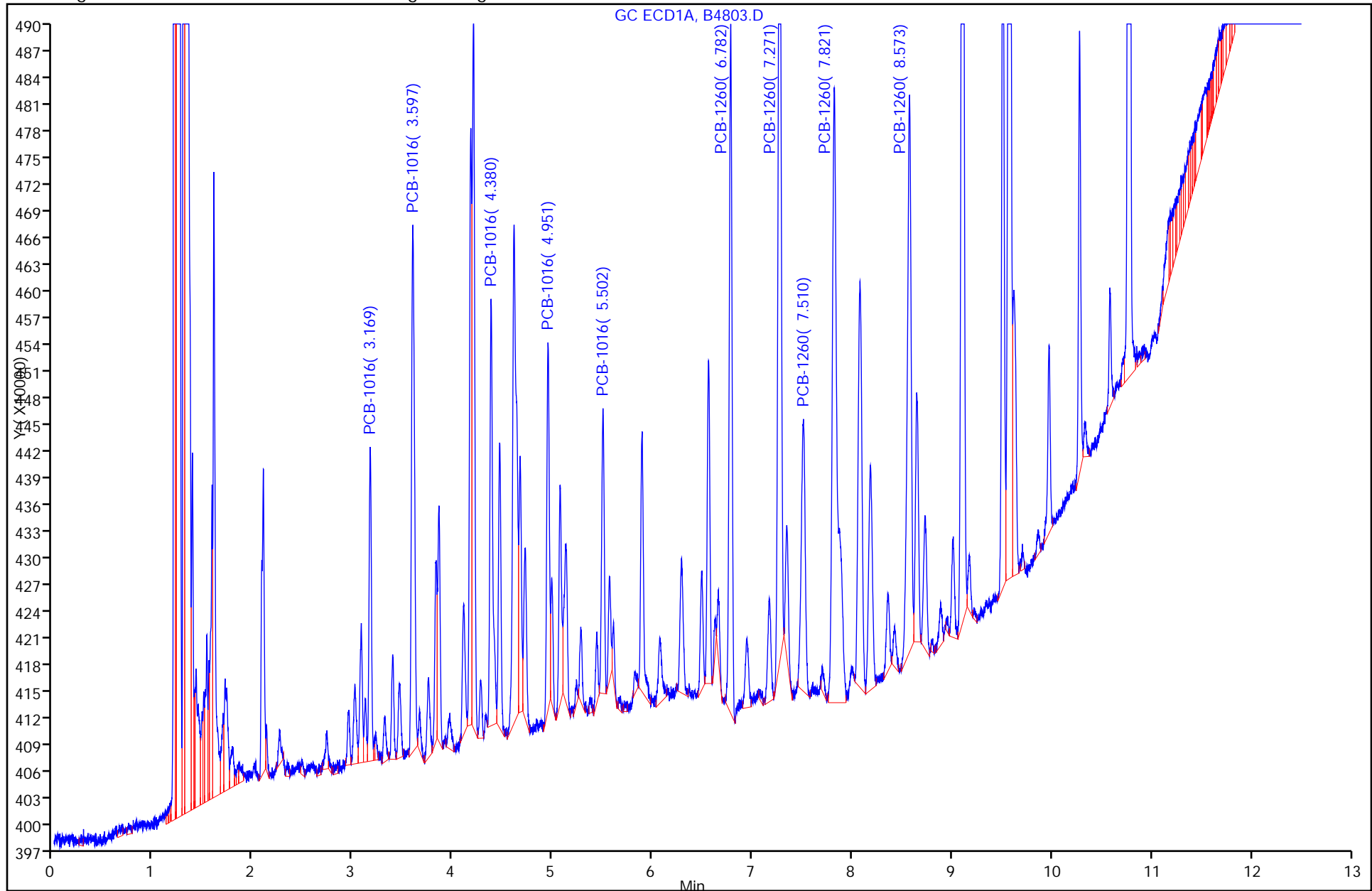
Lims Batch ID: 87982

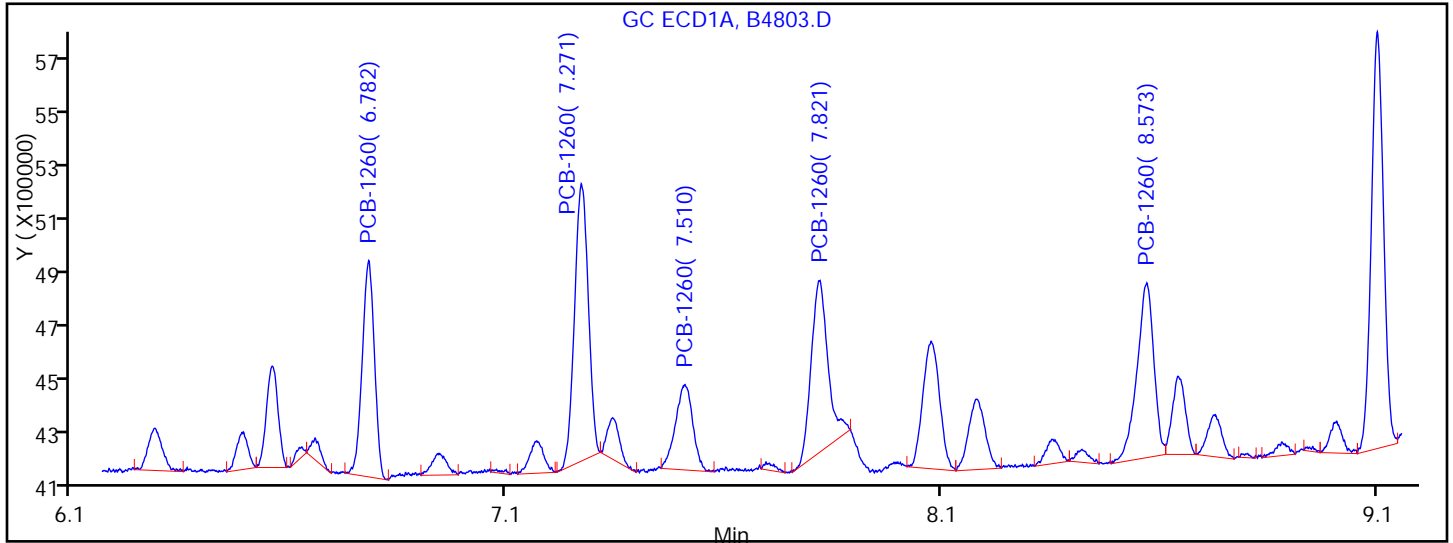
Lims Sample ID: 1

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2

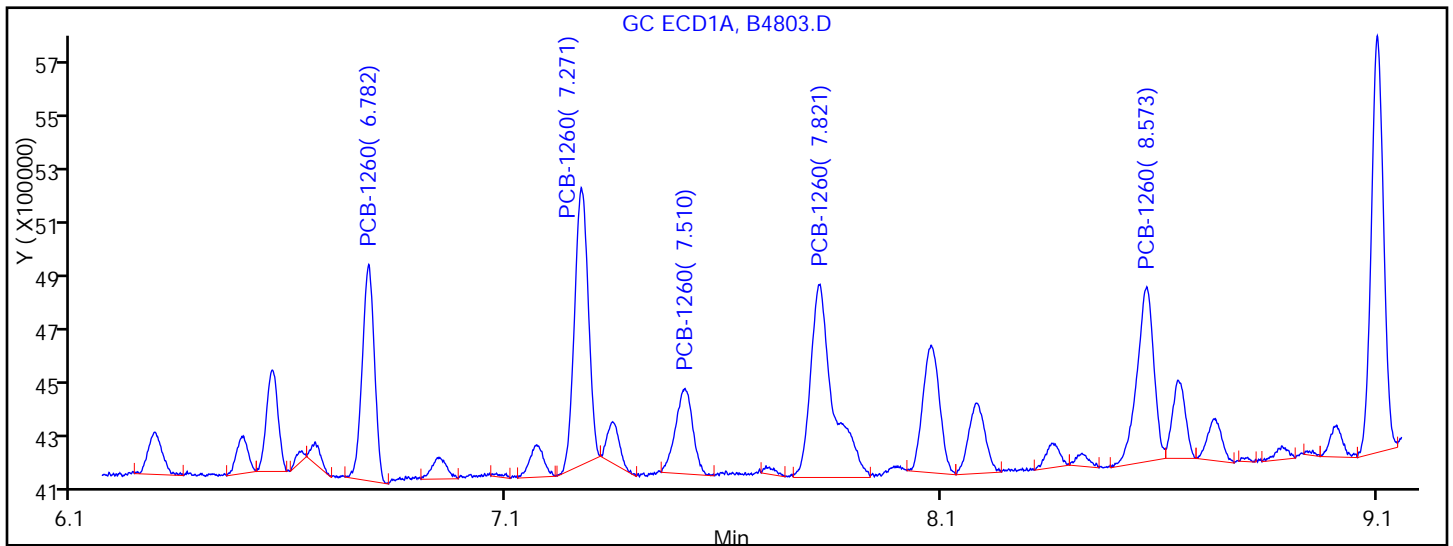




Processing Integration Results

| | |
|------------|--------------------|
| RT = 6.782 | Response = 1496695 |
| RT = 7.271 | Response = 2168267 |
| RT = 7.510 | Response = 838097 |
| RT = 7.821 | Response = 1638824 |
| RT = 8.573 | Response = 1678980 |

M



Manual Integration Results

| | |
|------------|--------------------|
| RT = 6.782 | Response = 1496695 |
| RT = 7.271 | Response = 2168267 |
| RT = 7.510 | Response = 838097 |
| RT = 7.821 | Response = 2463375 |
| RT = 8.573 | Response = 1678980 |

M

Reviewer: iversc, 11-Oct-2011 15:30:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4804.D
 Lims ID: std50 Client ID:
 Inject. Date: 11-Oct-2011 13:40:43 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 2
 Sample ID: std50
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 2
 Lims Batch ID: 87982 Lims Sample ID: 2
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:30:45 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:30:45

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|---------|------|--------------|-------|--|
| 1 | 1 | 3.159 | 3.159 | 0.000 | 2058301 | 49.7 | | 100.0 | |
| 1 | 2 | 3.584 | 3.584 | 0.000 | 4978230 | 54.7 | 186.9- 246.9 | 241.9 | |
| 1 | 3 | 4.367 | 4.367 | 0.000 | 3471330 | 49.5 | 143.8- 203.8 | 168.7 | |
| 1 | 4 | 4.939 | 4.937 | 0.002 | 2722538 | 49.5 | 106.7- 166.7 | 132.3 | |
| 1 | 5 | 5.490 | 5.489 | 0.001 | 1807239 | 48.3 | 55.8- 115.8 | 87.8 | |
| Average of Peak Amounts = | | | | | | 50.3 | | | |
| 2 | 6 | 3.699 | 3.699 | 0.000 | 1458991 | 50.5 | | 100.0 | |
| 2 | 7 | 4.270 | 4.271 | -0.001 | 3140978 | 49.7 | 189.6- 249.6 | 215.3 | |
| 2 | 8 | 5.154 | 5.152 | 0.002 | 2698911 | 54.5 | 138.6- 198.6 | 185.0 | |
| 2 | 9 | 5.583 | 5.583 | 0.000 | 1117716 | 49.5 | 49.7- 109.7 | 76.6 | |
| 2 | 10 | 5.875 | 5.874 | 0.001 | 1972422 | 50.0 | 108.1- 168.1 | 135.2 | |
| Average of Peak Amounts = | | | | | | 50.8 | | | |

RPD = 0.98

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|---------|------|--------------|-------|--|
| 1 | 1 | 6.769 | 6.768 | 0.001 | 5029324 | 48.6 | | 100.0 | |
| 1 | 2 | 7.259 | 7.258 | 0.001 | 7501701 | 48.8 | 119.7- 179.7 | 149.2 | |
| 1 | 3 | 7.498 | 7.495 | 0.003 | 2780607 | 47.0 | 29.6- 89.6 | 55.3 | |
| 1 | 4 | 7.807 | 7.821 | -0.014 | 7602428 | 47.4 | 126.4- 186.4 | 151.2 | |
| 1 | 5 | 8.564 | 8.561 | 0.003 | 4809136 | 48.3 | 64.1- 124.1 | 95.6 | |
| Average of Peak Amounts = | | | | | | 48.0 | | | |
| 2 | 6 | 7.829 | 7.827 | 0.002 | 1837050 | 51.1 | | 100.0 | |
| 2 | 7 | 8.197 | 8.196 | 0.001 | 3652771 | 48.7 | 163.4- 223.4 | 198.8 | |
| 2 | 8 | 8.628 | 8.627 | 0.001 | 4700260 | 49.8 | 201.9- 261.9 | 255.9 | |
| 2 | 9 | 9.349 | 9.347 | 0.002 | 3217238 | 48.4 | 146.4- 206.4 | 175.1 | |
| 2 | 10 | 9.739 | 9.737 | 0.002 | 3622849 | 48.8 | 153.8- 213.8 | 197.2 | |
| Average of Peak Amounts = | | | | | | 49.4 | | | |

RPD = 2.71

Report Date: 11-Oct-2011 15:30:45

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4804.D

Injection Date: 11-Oct-2011 13:40:43

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

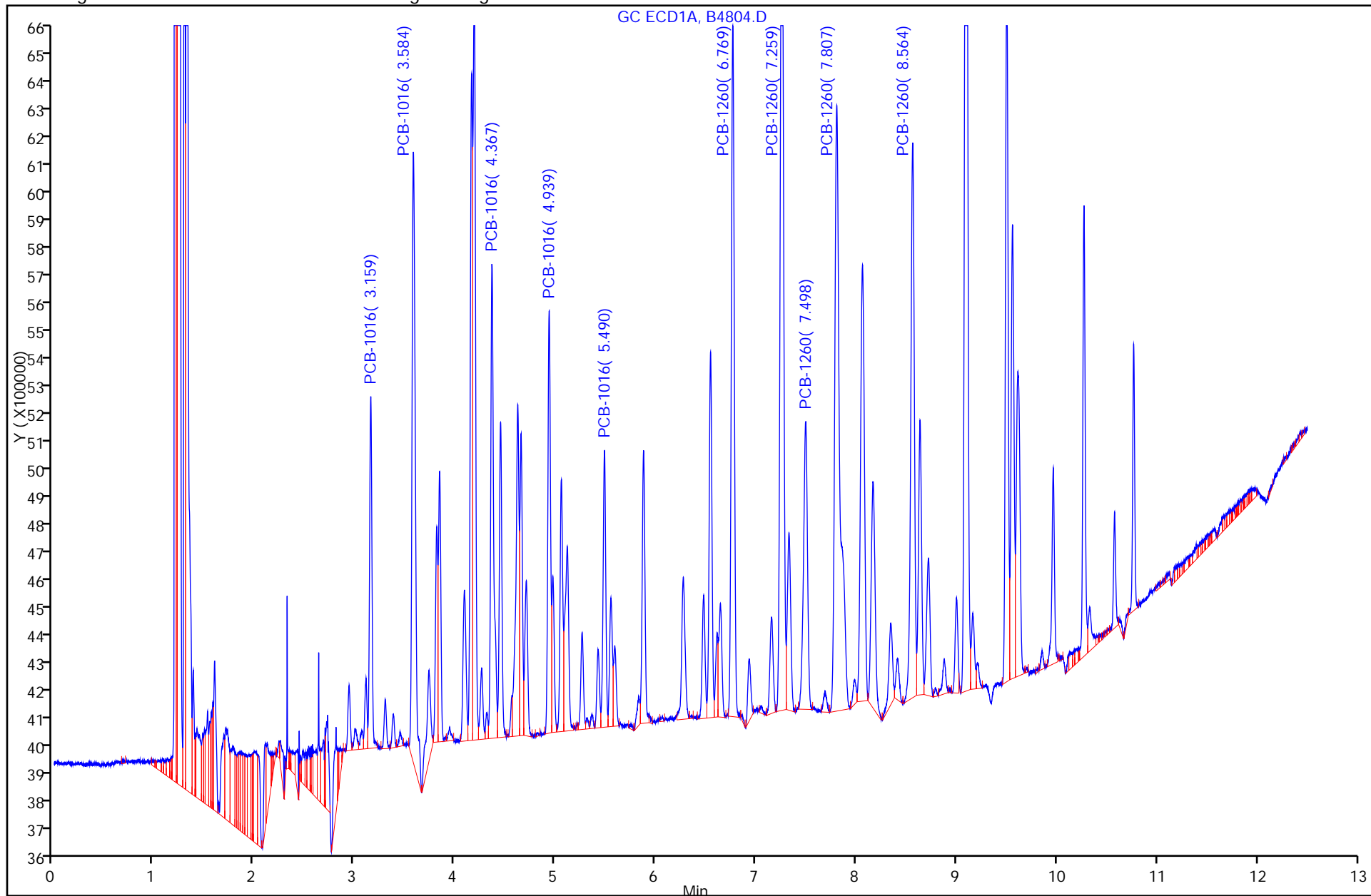
Lims Batch ID: 87982

Lims Sample ID: 2

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4805.D
 Lims ID: std100 Client ID:
 Inject. Date: 11-Oct-2011 13:55:50 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 3
 Sample ID: std100
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 3
 Lims Batch ID: 87982 Lims Sample ID: 3
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:04 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:04

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|---------|-------|--------------|-------|--|
| 1 | 1 | 3.159 | 3.159 | 0.000 | 3951267 | 100.2 | | 100.0 | |
| 1 | 2 | 3.584 | 3.584 | 0.000 | 8557175 | 97.8 | 186.9- 246.9 | 216.6 | |
| 1 | 3 | 4.367 | 4.367 | 0.000 | 6837742 | 102.2 | 143.8- 203.8 | 173.1 | |
| 1 | 4 | 4.937 | 4.937 | 0.000 | 5385794 | 102.3 | 106.7- 166.7 | 136.3 | |
| 1 | 5 | 5.489 | 5.489 | 0.000 | 3584764 | 103.6 | 55.8- 115.8 | 90.7 | |
| Average of Peak Amounts = | | | | | | 101.2 | | | |
| 2 | 6 | 3.699 | 3.699 | 0.000 | 2769515 | 101.7 | | 100.0 | |
| 2 | 7 | 4.271 | 4.271 | 0.000 | 6063141 | 102.3 | 189.6- 249.6 | 218.9 | |
| 2 | 8 | 5.152 | 5.152 | 0.000 | 4655738 | 98.1 | 138.6- 198.6 | 168.1 | |
| 2 | 9 | 5.583 | 5.583 | 0.000 | 2138826 | 100.3 | 49.7- 109.7 | 77.2 | |
| 2 | 10 | 5.874 | 5.874 | 0.000 | 3688797 | 99.4 | 108.1- 168.1 | 133.2 | |
| Average of Peak Amounts = | | | | | | 100.3 | | | |

RPD = 0.89

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|----------|-------|--------------|-------|--|
| 1 | 1 | 6.768 | 6.768 | 0.000 | 9869220 | 101.6 | | 100.0 | |
| 1 | 2 | 7.258 | 7.258 | 0.000 | 14847021 | 102.3 | 119.7- 179.7 | 150.4 | |
| 1 | 3 | 7.495 | 7.495 | 0.000 | 5738442 | 103.1 | 29.6- 89.6 | 58.1 | |
| 1 | 4 | 7.803 | 7.803 | 0.000 | 15156497 | 102.0 | 126.4- 186.4 | 153.6 | |
| 1 | 5 | 8.561 | 8.561 | 0.000 | 8928551 | 98.4 | 64.1- 124.1 | 90.5 | |
| Average of Peak Amounts = | | | | | | 101.5 | | | |
| 2 | 6 | 7.827 | 7.827 | 0.000 | 3092456 | 90.9 | | 100.0 | |
| 2 | 7 | 8.196 | 8.196 | 0.000 | 7023082 | 101.1 | 163.4- 223.4 | 227.1 | |
| 2 | 8 | 8.627 | 8.627 | 0.000 | 8940051 | 102.1 | 201.9- 261.9 | 289.1 | |
| 2 | 9 | 9.347 | 9.347 | 0.000 | 6306791 | 102.5 | 146.4- 206.4 | 203.9 | |
| 2 | 10 | 9.737 | 9.737 | 0.000 | 7062446 | 102.9 | 153.8- 213.8 | 228.4 | |
| Average of Peak Amounts = | | | | | | 99.9 | | | |

RPD = 1.56

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|----------|------|------------|--|--|
| 1 | 1 | 9.567 | 9.567 | 0.000 | 19061895 | 10.0 | | | |
| 2 | 2 | 10.249 | 10.249 | 0.000 | 10142459 | 10.0 | | | |
| | | | | | | | RPD = 0.14 | | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|----------|------|------------|--|--|
| 1 | 1 | 10.767 | 10.767 | 0.000 | 17116313 | 10.0 | | | |
| 2 | 2 | 11.567 | 11.567 | 0.000 | 12150255 | 10.0 | | | |
| | | | | | | | RPD = 0.02 | | |

Report Date: 11-Oct-2011 15:31:04

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4805.D

Injection Date: 11-Oct-2011 13:55:50

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

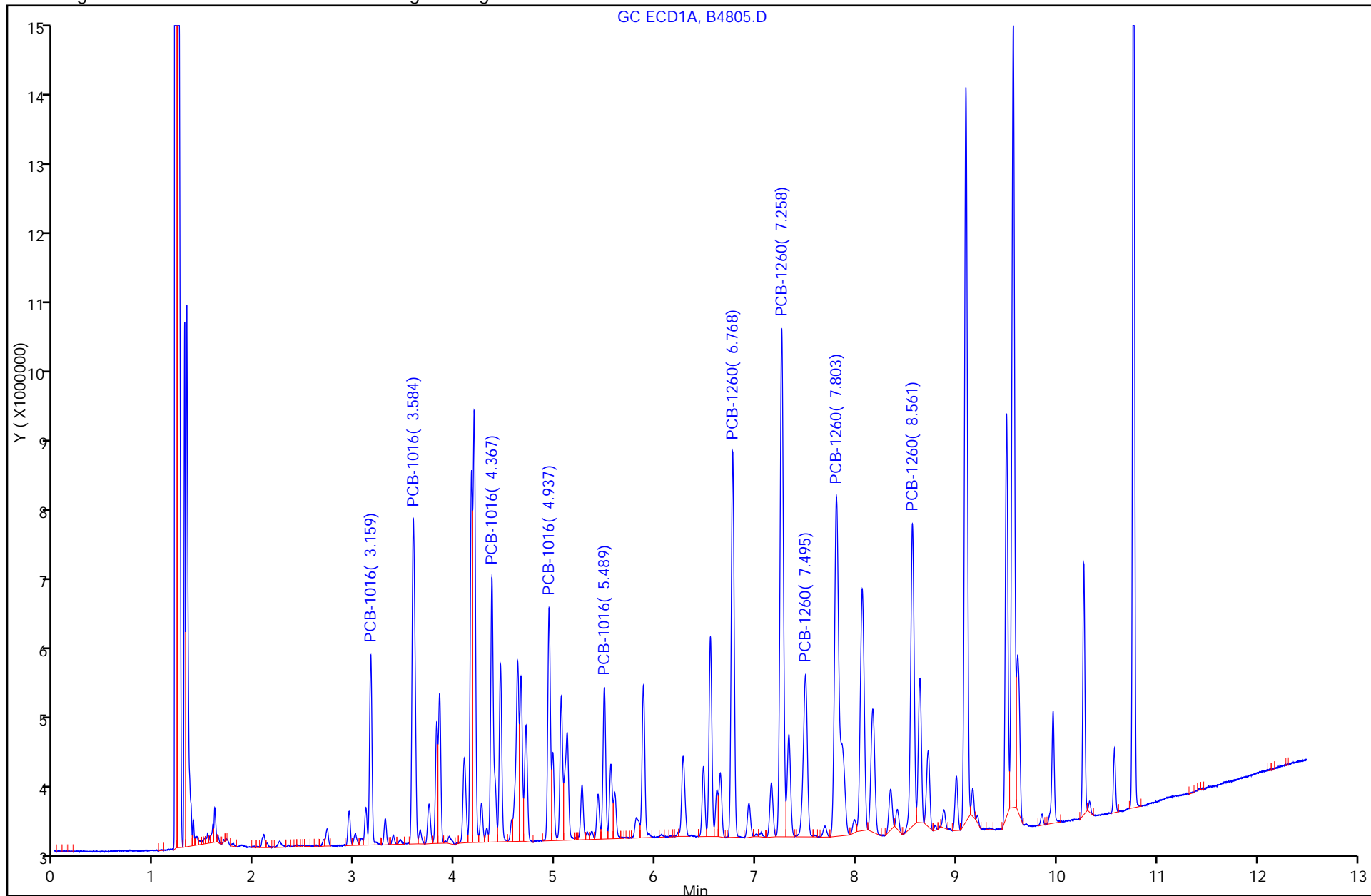
Lims Batch ID: 87982

Lims Sample ID: 3

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4806.D
 Lims ID: std250 Client ID:
 Inject. Date: 11-Oct-2011 14:11:07 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 4
 Sample ID: std250
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 4
 Lims Batch ID: 87982 Lims Sample ID: 4
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:36 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:36

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|----------|-------|--------------|-------|--|
| 1 | 1 | 3.159 | 3.160 | -0.001 | 9298152 | 243.1 | | 100.0 | |
| 1 | 2 | 3.584 | 3.586 | -0.002 | 19935066 | 235.9 | 186.9- 246.9 | 214.4 | |
| 1 | 3 | 4.367 | 4.368 | -0.001 | 15936935 | 244.4 | 143.8- 203.8 | 171.4 | |
| 1 | 4 | 4.938 | 4.938 | 0.000 | 12507659 | 243.6 | 106.7- 166.7 | 134.5 | |
| 1 | 5 | 5.490 | 5.490 | 0.000 | 8185856 | 247.1 | 55.8- 115.8 | 88.0 | |
| Average of Peak Amounts = | | | | | | 242.8 | | | |
| 2 | 6 | 3.700 | 3.699 | 0.001 | 6366088 | 243.8 | | 100.0 | |
| 2 | 7 | 4.271 | 4.271 | 0.000 | 13886950 | 244.3 | 189.6- 249.6 | 218.1 | |
| 2 | 8 | 5.154 | 5.153 | 0.001 | 10701218 | 235.4 | 138.6- 198.6 | 168.1 | |
| 2 | 9 | 5.584 | 5.584 | 0.000 | 4990710 | 243.9 | 49.7- 109.7 | 78.4 | |
| 2 | 10 | 5.876 | 5.875 | 0.001 | 8749163 | 246.5 | 108.1- 168.1 | 137.4 | |
| Average of Peak Amounts = | | | | | | 242.8 | | | |

RPD = 0.01

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|----------|-------|--------------|-------|--|
| 1 | 1 | 6.769 | 6.770 | -0.001 | 23070026 | 246.1 | | 100.0 | |
| 1 | 2 | 7.256 | 7.258 | -0.002 | 34406948 | 244.7 | 119.7- 179.7 | 149.1 | |
| 1 | 3 | 7.494 | 7.496 | -0.002 | 13547673 | 250.0 | 29.6- 89.6 | 58.7 | |
| 1 | 4 | 7.804 | 7.821 | -0.017 | 35650469 | 249.4 | 126.4- 186.4 | 154.5 | |
| 1 | 5 | 8.561 | 8.563 | -0.002 | 21675031 | 252.4 | 64.1- 124.1 | 94.0 | |
| Average of Peak Amounts = | | | | | | 248.5 | | | |
| 2 | 6 | 7.827 | 7.828 | -0.001 | 8228655 | 253.0 | | 100.0 | |
| 2 | 7 | 8.196 | 8.196 | 0.000 | 16245825 | 245.2 | 163.4- 223.4 | 197.4 | |
| 2 | 8 | 8.626 | 8.628 | -0.002 | 20184863 | 242.8 | 201.9- 261.9 | 245.3 | |
| 2 | 9 | 9.347 | 9.348 | -0.001 | 14300777 | 242.4 | 146.4- 206.4 | 173.8 | |
| 2 | 10 | 9.736 | 9.738 | -0.002 | 15926951 | 244.1 | 153.8- 213.8 | 193.6 | |
| Average of Peak Amounts = | | | | | | 245.5 | | | |

RPD = 1.23

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|------|--|--|---|
| 1 | 1 | 9.568 | 9.568 | 0.000 | 104685081 | 60.1 | | | M |
| 2 | 2 | 10.251 | 10.251 | 0.000 | 50927759 | 58.5 | | | M |

RPD = 2.84

\$ 2 DCB Decachlorobiphenyl

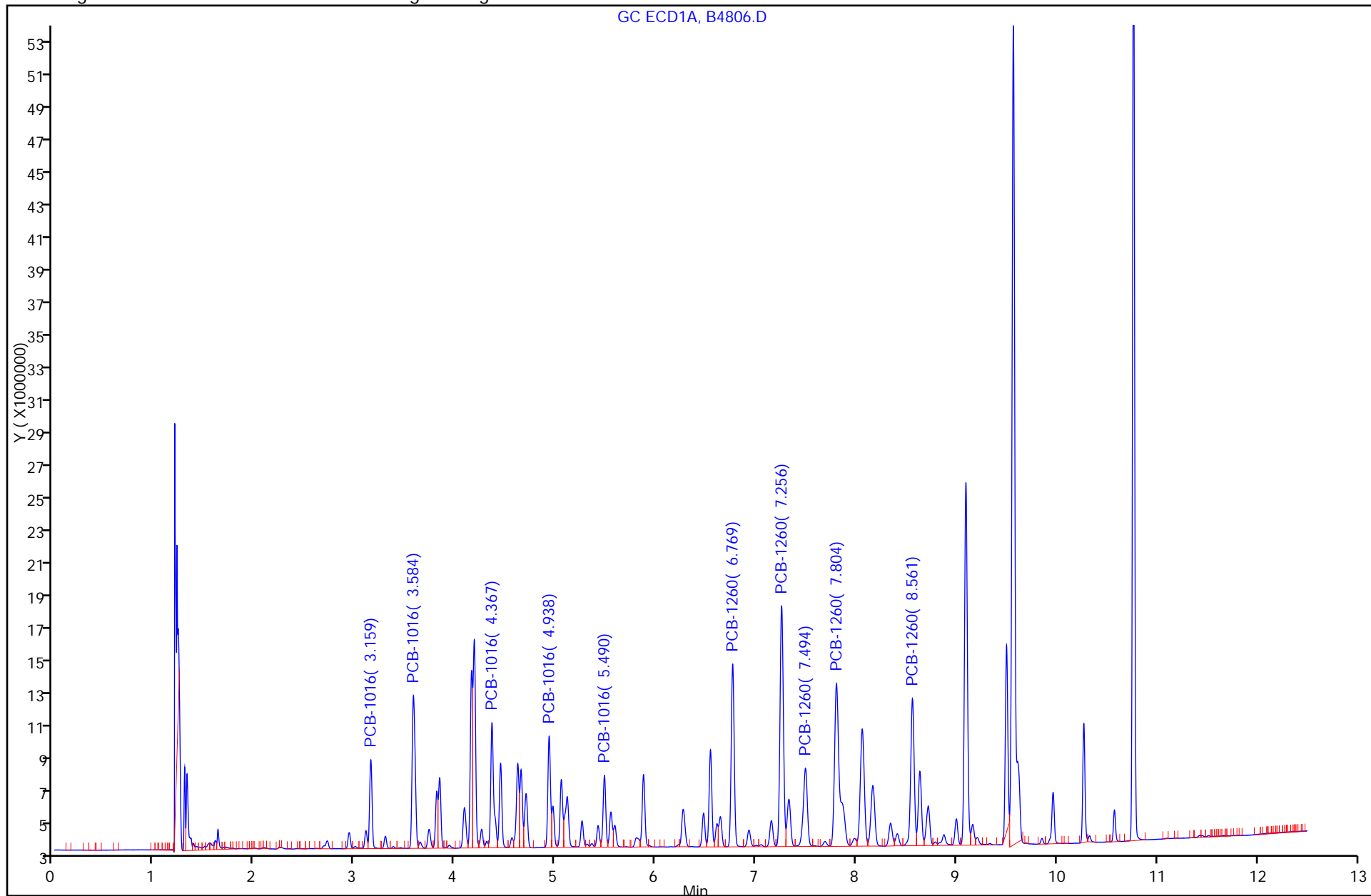
| | | | | | | | | | |
|---|---|--------|--------|--------|----------|------|--|--|--|
| 1 | 1 | 10.766 | 10.768 | -0.002 | 83184076 | 58.0 | | | |
| 2 | 2 | 11.568 | 11.568 | 0.000 | 57290974 | 58.4 | | | |

RPD = 0.65

QC Flag Legend

Review Flags

M - Manually Integrated



Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4806.D

Injection Date: 11-Oct-2011 14:11:07

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

Lims Batch ID: 87982

Lims Sample ID: 4

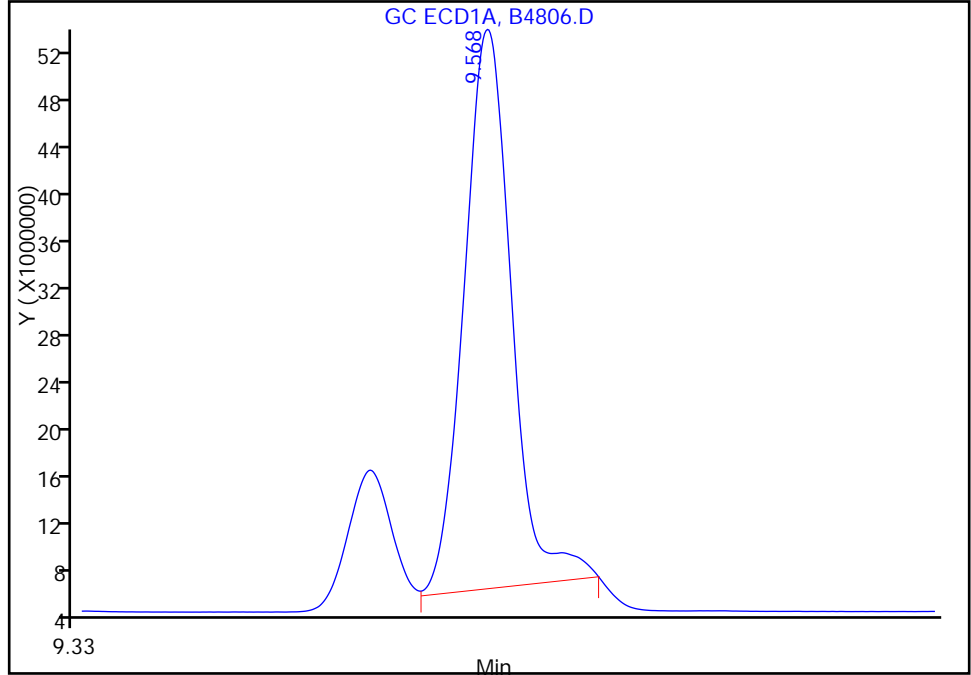
Operator ID:

Injection Vol: 1.00 ul

\$ 3 Dibutylchloroendate, Signal: 1, Type: quant, RT: 9.57, Det: GC ECD1A

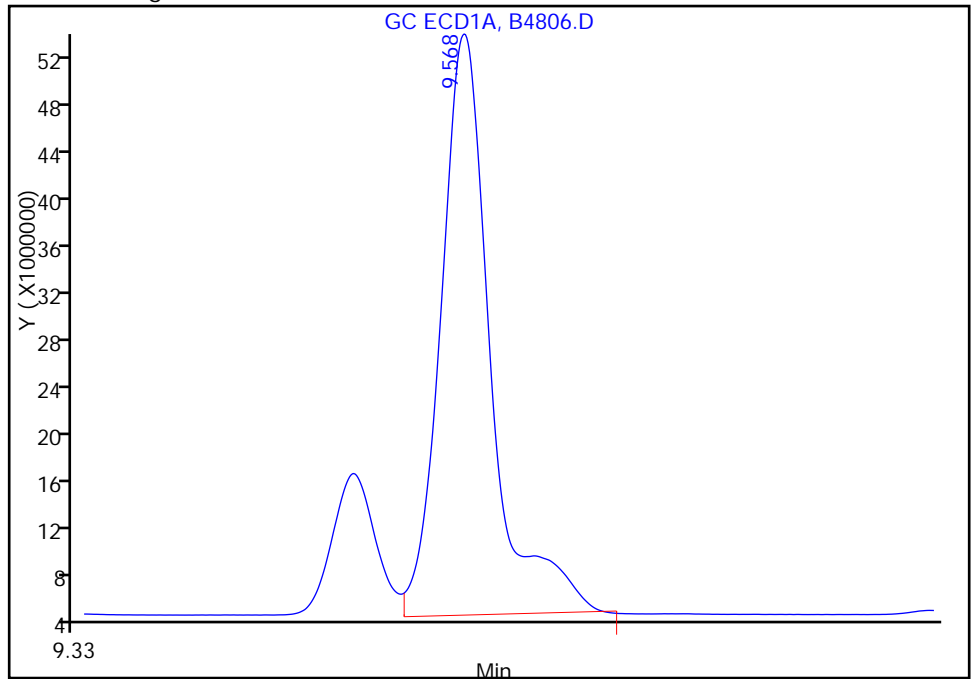
RT: 9.57
Response: 90403804
Amount: 57.696616

Processing Integration Results



RT: 9.57
Response: 104685081
Amount: 60.142579

Manual Integration Results



Reviewer: iversc, 11-Oct-2011 15:31:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4807.D
 Lims ID: std500 Client ID:
 Inject. Date: 11-Oct-2011 14:26:29 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 5
 Sample ID: std500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 5
 Lims Batch ID: 87982 Lims Sample ID: 5
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:31:52 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:31:52

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|----------|-------|--------------|-------|--|
| 1 | 1 | 3.161 | 3.160 | 0.001 | 19498587 | 515.7 | | 100.0 | |
| 1 | 2 | 3.586 | 3.586 | 0.000 | 40279077 | 486.2 | 186.9- 246.9 | 206.6 | |
| 1 | 3 | 4.369 | 4.368 | 0.001 | 32260724 | 498.7 | 143.8- 203.8 | 165.5 | |
| 1 | 4 | 4.939 | 4.938 | 0.001 | 25435504 | 499.7 | 106.7- 166.7 | 130.4 | |
| 1 | 5 | 5.490 | 5.490 | 0.000 | 16242581 | 499.6 | 55.8- 115.8 | 83.3 | |
| Average of Peak Amounts = | | | | | | 500.0 | | | |
| 2 | 6 | 3.700 | 3.699 | 0.001 | 12447145 | 490.3 | | 100.0 | |
| 2 | 7 | 4.272 | 4.271 | 0.001 | 27497979 | 496.4 | 189.6- 249.6 | 220.9 | |
| 2 | 8 | 5.154 | 5.153 | 0.001 | 21309884 | 486.5 | 138.6- 198.6 | 171.2 | |
| 2 | 9 | 5.584 | 5.584 | 0.000 | 10114037 | 508.8 | 49.7- 109.7 | 81.3 | |
| 2 | 10 | 5.875 | 5.875 | 0.000 | 17391748 | 503.5 | 108.1- 168.1 | 139.7 | |
| Average of Peak Amounts = | | | | | | 497.1 | | | |

RPD = 0.58

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|----------|-------|--------------|-------|--|
| 1 | 1 | 6.769 | 6.770 | -0.001 | 46775192 | 506.4 | | 100.0 | |
| 1 | 2 | 7.259 | 7.258 | 0.001 | 69941509 | 504.2 | 119.7- 179.7 | 149.5 | |
| 1 | 3 | 7.496 | 7.496 | 0.000 | 27423408 | 506.8 | 29.6- 89.6 | 58.6 | |
| 1 | 4 | 7.804 | 7.821 | -0.017 | 72221355 | 509.4 | 126.4- 186.4 | 154.4 | |
| 1 | 5 | 8.564 | 8.563 | 0.001 | 43506278 | 512.5 | 64.1- 124.1 | 93.0 | |
| Average of Peak Amounts = | | | | | | 507.8 | | | |
| 2 | 6 | 7.827 | 7.828 | -0.001 | 16778179 | 521.0 | | 100.0 | |
| 2 | 7 | 8.196 | 8.196 | 0.000 | 32994622 | 509.5 | 163.4- 223.4 | 196.7 | |
| 2 | 8 | 8.627 | 8.628 | -0.001 | 40015580 | 497.8 | 201.9- 261.9 | 238.5 | |
| 2 | 9 | 9.348 | 9.348 | 0.000 | 29503039 | 508.5 | 146.4- 206.4 | 175.8 | |
| 2 | 10 | 9.738 | 9.738 | 0.000 | 31728309 | 501.4 | 153.8- 213.8 | 189.1 | |
| Average of Peak Amounts = | | | | | | 507.7 | | | |

RPD = 0.04

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4807.D

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|--------|-----------|------|-------|------|--|
| 1 | 1 | 9.569 | 9.568 | 0.001 | 139771618 | 77.9 | | | |
| 2 | 2 | 10.250 | 10.251 | -0.001 | 69260611 | 81.0 | | | |
| | | | | | | | RPD = | 3.88 | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|--------|-----------|------|-------|------|--|
| 1 | 1 | 10.767 | 10.768 | -0.001 | 115740253 | 81.5 | | | |
| 2 | 2 | 11.568 | 11.568 | 0.000 | 78389261 | 81.2 | | | |
| | | | | | | | RPD = | 0.39 | |

Report Date: 11-Oct-2011 15:31:52

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4807.D

Injection Date: 11-Oct-2011 14:26:29

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

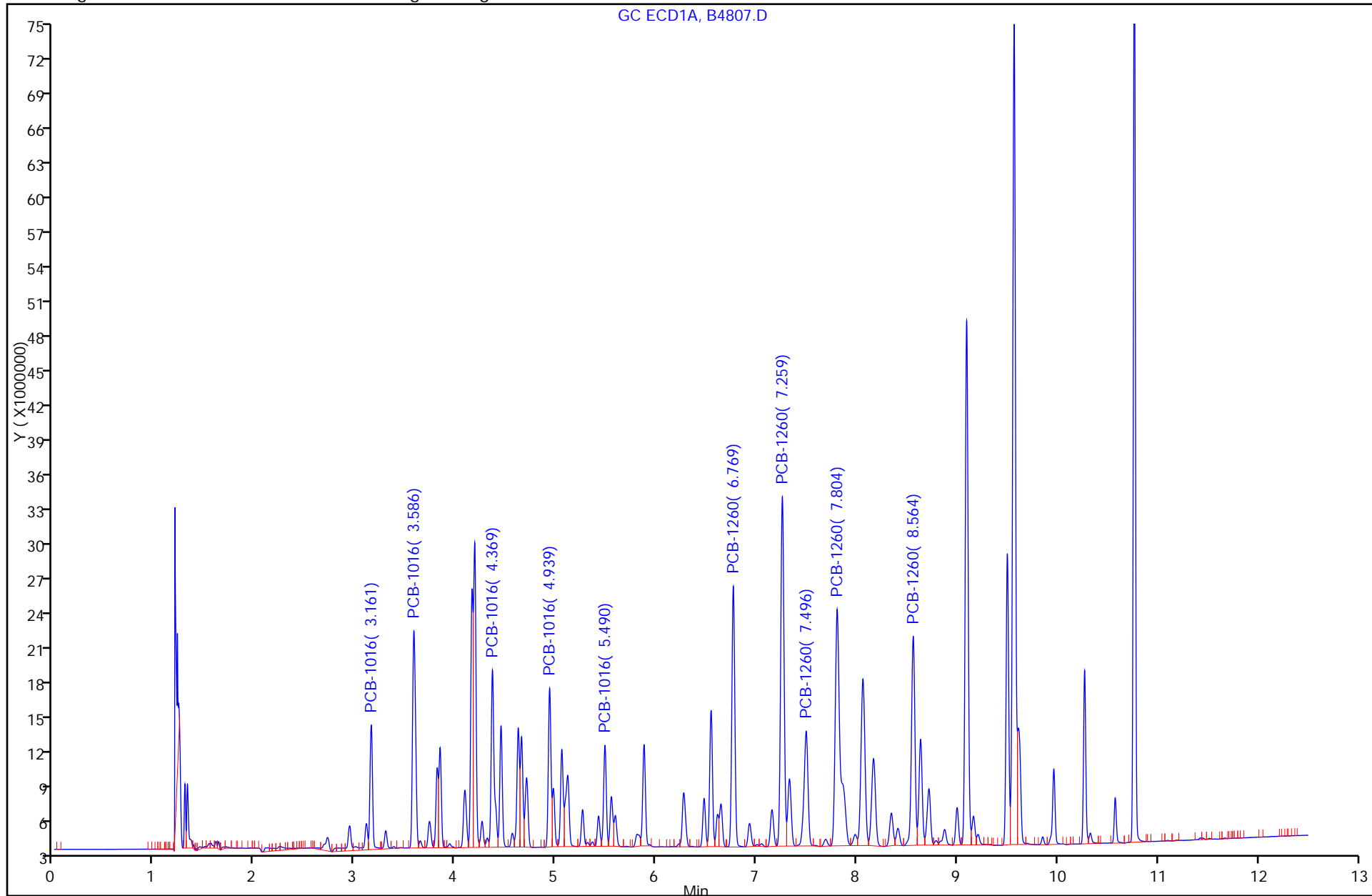
Lims Batch ID: 87982

Lims Sample ID: 5

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4808.D
 Lims ID: std1000 Client ID:
 Inject. Date: 11-Oct-2011 14:41:54 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 6
 Sample ID: std1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 87982 Lims Sample ID: 6
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:32:10 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:32:10

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|----------|--------|--------------|-------|--|
| 1 | 1 | 3.160 | 3.160 | 0.000 | 38118592 | 1013.4 | | 100.0 | |
| 1 | 2 | 3.586 | 3.586 | 0.000 | 82665255 | 1023.4 | 186.9- 246.9 | 216.9 | |
| 1 | 3 | 4.368 | 4.368 | 0.000 | 66245621 | 1025.2 | 143.8- 203.8 | 173.8 | |
| 1 | 4 | 4.938 | 4.938 | 0.000 | 52123236 | 1027.2 | 106.7- 166.7 | 136.7 | |
| 1 | 5 | 5.490 | 5.490 | 0.000 | 32717009 | 1021.1 | 55.8- 115.8 | 85.8 | |
| Average of Peak Amounts = | | | | | | 1022.1 | | | |
| 2 | 6 | 3.699 | 3.699 | 0.000 | 25070020 | 1029.6 | | 100.0 | |
| 2 | 7 | 4.271 | 4.271 | 0.000 | 55063984 | 1027.7 | 189.6- 249.6 | 219.6 | |
| 2 | 8 | 5.153 | 5.153 | 0.000 | 42273735 | 1028.7 | 138.6- 198.6 | 168.6 | |
| 2 | 9 | 5.584 | 5.584 | 0.000 | 19988056 | 1047.3 | 49.7- 109.7 | 79.7 | |
| 2 | 10 | 5.875 | 5.875 | 0.000 | 34621923 | 1039.5 | 108.1- 168.1 | 138.1 | |
| Average of Peak Amounts = | | | | | | 1034.6 | | | |

RPD = 1.22

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.770 | 6.770 | 0.000 | 94822260 | 1036.7 | | 100.0 | |
| 1 | 2 | 7.258 | 7.258 | 0.000 | 141952007 | 1032.7 | 119.7- 179.7 | 149.7 | |
| 1 | 3 | 7.496 | 7.496 | 0.000 | 56510308 | 1029.5 | 29.6- 89.6 | 59.6 | |
| 1 | 4 | 7.805 | 7.805 | 0.000 | 148313383 | 1038.3 | 126.4- 186.4 | 156.4 | |
| 1 | 5 | 8.563 | 8.563 | 0.000 | 89226920 | 1042.5 | 64.1- 124.1 | 94.1 | |
| Average of Peak Amounts = | | | | | | 1035.9 | | | |
| 2 | 6 | 7.828 | 7.828 | 0.000 | 34323875 | 1064.2 | | 100.0 | |
| 2 | 7 | 8.196 | 8.196 | 0.000 | 66388028 | 1046.6 | 163.4- 223.4 | 193.4 | |
| 2 | 8 | 8.628 | 8.628 | 0.000 | 79611203 | 1037.4 | 201.9- 261.9 | 231.9 | |
| 2 | 9 | 9.348 | 9.348 | 0.000 | 60559647 | 1051.7 | 146.4- 206.4 | 176.4 | |
| 2 | 10 | 9.738 | 9.738 | 0.000 | 63094707 | 1036.9 | 153.8- 213.8 | 183.8 | |
| Average of Peak Amounts = | | | | | | 1047.4 | | | |

RPD = 1.10

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 9.568 | 9.568 | 0.000 | 196259922 | 104.1 | | | |
| 2 | 2 | 10.251 | 10.251 | 0.000 | 88394942 | 105.0 | | | |
| | | | | | | | RPD = 0.83 | | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 10.768 | 10.768 | 0.000 | 149021799 | 105.6 | | | |
| 2 | 2 | 11.568 | 11.568 | 0.000 | 99916338 | 104.7 | | | |
| | | | | | | | RPD = 0.80 | | |

Report Date: 11-Oct-2011 15:32:10

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4808.D

Injection Date: 11-Oct-2011 14:41:54

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

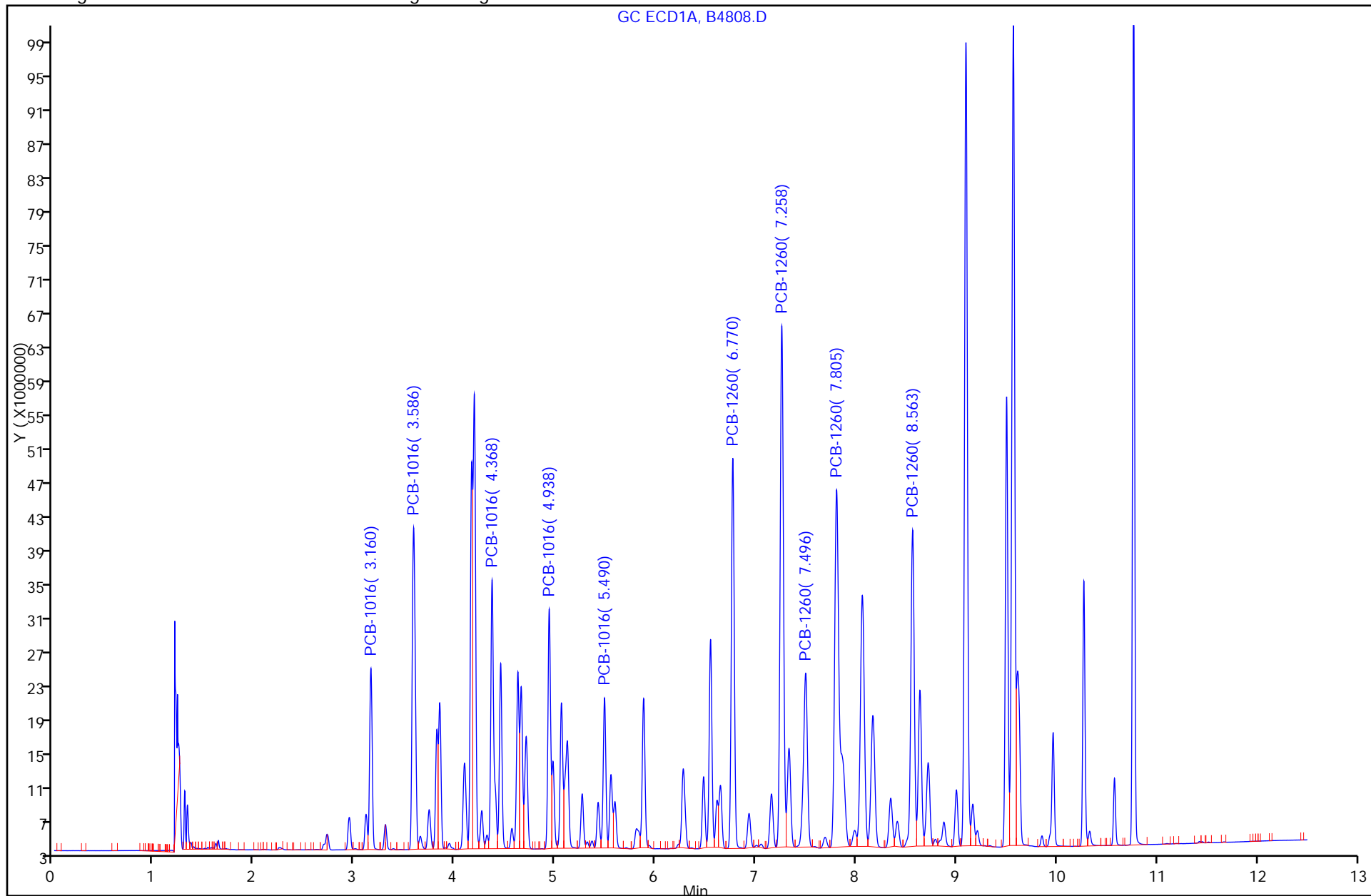
Lims Batch ID: 87982

Lims Sample ID: 6

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Lims ID: std1500 Client ID:
 Inject. Date: 11-Oct-2011 14:57:23 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 7
 Sample ID: std1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 87982 Lims Sample ID: 7
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:32:27 Calib Date: 11-Oct-2011 14:57:23
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:32:27

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 3.161 | 3.159 | 0.002 | 55481719 | 1477.8 | | 100.0 | |
| 1 | 2 | 3.587 | 3.584 | 0.003 | 119089960 | 1503.4 | 186.9- 246.9 | 214.6 | |
| 1 | 3 | 4.369 | 4.367 | 0.002 | 95811618 | 1480.1 | 143.8- 203.8 | 172.7 | |
| 1 | 4 | 4.939 | 4.937 | 0.002 | 74979009 | 1477.7 | 106.7- 166.7 | 135.1 | |
| 1 | 5 | 5.492 | 5.489 | 0.003 | 47036030 | 1480.1 | 55.8- 115.8 | 84.8 | |
| Average of Peak Amounts = | | | | | | 1483.8 | | | |
| 2 | 6 | 3.701 | 3.699 | 0.002 | 34976696 | 1484.0 | | 100.0 | |
| 2 | 7 | 4.272 | 4.271 | 0.001 | 77276843 | 1479.0 | 189.6- 249.6 | 220.9 | |
| 2 | 8 | 5.154 | 5.152 | 0.002 | 58361658 | 1501.0 | 138.6- 198.6 | 166.9 | |
| 2 | 9 | 5.584 | 5.583 | 0.001 | 26846373 | 1446.9 | 49.7- 109.7 | 76.8 | |
| 2 | 10 | 5.876 | 5.874 | 0.002 | 47358367 | 1459.0 | 108.1- 168.1 | 135.4 | |
| Average of Peak Amounts = | | | | | | 1474.0 | | | |

RPD = 0.67

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.770 | 6.768 | 0.002 | 132966781 | 1460.4 | | 100.0 | |
| 1 | 2 | 7.259 | 7.258 | 0.001 | 200799101 | 1467.1 | 119.7- 179.7 | 151.0 | |
| 1 | 3 | 7.497 | 7.495 | 0.002 | 81608551 | 1464.9 | 29.6- 89.6 | 61.4 | |
| 1 | 4 | 7.806 | 7.803 | 0.003 | 209829450 | 1454.9 | 126.4- 186.4 | 157.8 | |
| 1 | 5 | 8.564 | 8.561 | 0.003 | 125276824 | 1447.7 | 64.1- 124.1 | 94.2 | |
| Average of Peak Amounts = | | | | | | 1459.0 | | | |
| 2 | 6 | 7.828 | 7.827 | 0.001 | 46004433 | 1420.9 | | 100.0 | |
| 2 | 7 | 8.197 | 8.196 | 0.001 | 90757821 | 1447.7 | 163.4- 223.4 | 197.3 | |
| 2 | 8 | 8.627 | 8.627 | 0.000 | 108939608 | 1468.5 | 201.9- 261.9 | 236.8 | |
| 2 | 9 | 9.348 | 9.347 | 0.001 | 83145572 | 1446.5 | 146.4- 206.4 | 180.7 | |
| 2 | 10 | 9.738 | 9.737 | 0.001 | 86656411 | 1464.1 | 153.8- 213.8 | 188.4 | |
| Average of Peak Amounts = | | | | | | 1449.5 | | | |

RPD = 0.65

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 9.568 | 9.568 | 0.000 | 227797168 | 117.8 | | | |
| 2 | 2 | 10.251 | 10.249 | 0.002 | 96623069 | 115.5 | | | |
| | | | | | | | RPD = 1.95 | | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 10.767 | 10.767 | 0.000 | 161924076 | 114.9 | | | |
| 2 | 2 | 11.568 | 11.567 | 0.001 | 109863148 | 115.7 | | | |
| | | | | | | | RPD = 0.68 | | |

Report Date: 11-Oct-2011 15:32:27

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4809.D

Injection Date: 11-Oct-2011 14:57:23

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

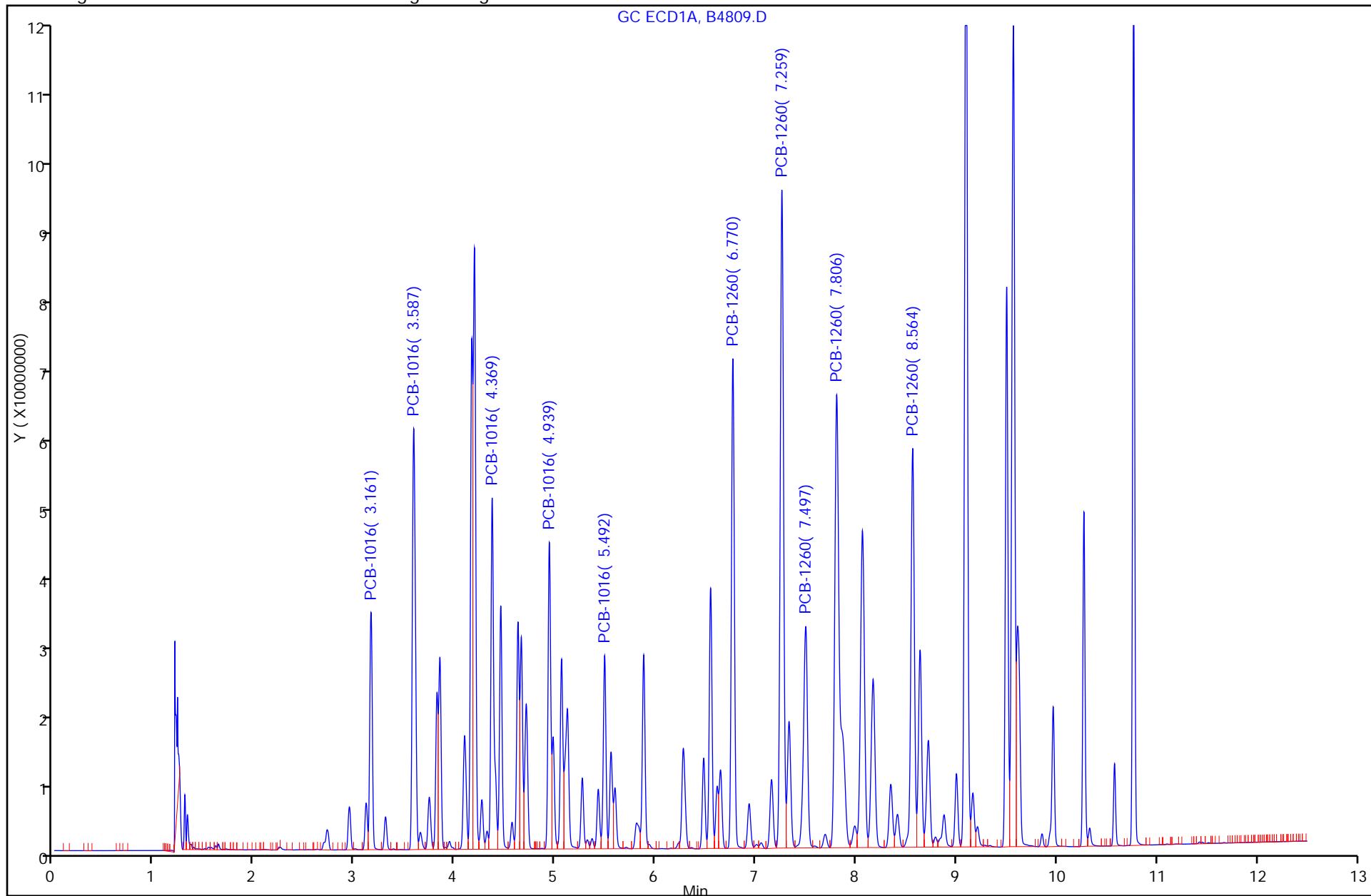
Lims Batch ID: 87982

Lims Sample ID: 7

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D
 Lims ID: std2000 Client ID:
 Inject. Date: 11-Oct-2011 15:12:45 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std2000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 8
 Lims Batch ID: 87982 Lims Sample ID: 8
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:33:26 Calib Date: 11-Oct-2011 15:12:45
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:33:26

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|-----------|--------|--------------|-------|--|
| 1 | 1 | 3.158 | 3.159 | -0.001 | 70152563 | 1942.6 | | 100.0 | |
| 1 | 2 | 3.583 | 3.584 | -0.001 | 151475595 | 1977.5 | 186.9- 246.9 | 215.9 | |
| 1 | 3 | 4.366 | 4.367 | -0.001 | 124273005 | 1963.7 | 143.8- 203.8 | 177.1 | |
| 1 | 4 | 4.936 | 4.937 | -0.001 | 97333963 | 1964.5 | 106.7- 166.7 | 138.7 | |
| 1 | 5 | 5.488 | 5.489 | -0.001 | 61668024 | 1981.1 | 55.8- 115.8 | 87.9 | |
| Average of Peak Amounts = | | | | | | 1965.9 | | | |
| 2 | 6 | 3.698 | 3.699 | -0.001 | 44380277 | 1977.6 | | 100.0 | |
| 2 | 7 | 4.270 | 4.271 | -0.001 | 97749760 | 1964.0 | 189.6- 249.6 | 220.3 | |
| 2 | 8 | 5.152 | 5.152 | 0.000 | 75884803 | 2037.8 | 138.6- 198.6 | 171.0 | |
| 2 | 9 | 5.583 | 5.583 | 0.000 | 35170133 | 1986.3 | 49.7- 109.7 | 79.2 | |
| 2 | 10 | 5.874 | 5.874 | 0.000 | 62005951 | 1987.9 | 108.1- 168.1 | 139.7 | |
| Average of Peak Amounts = | | | | | | 1990.7 | | | |

RPD = 1.26

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.768 | 6.768 | 0.000 | 177169652 | 1981.0 | | 100.0 | |
| 1 | 2 | 7.257 | 7.258 | -0.001 | 270053146 | 1992.4 | 119.7- 179.7 | 152.4 | |
| 1 | 3 | 7.495 | 7.495 | 0.000 | 109825531 | 1974.3 | 29.6- 89.6 | 62.0 | |
| 1 | 4 | 7.804 | 7.803 | 0.001 | 283421590 | 1975.3 | 126.4- 186.4 | 160.0 | |
| 1 | 5 | 8.561 | 8.561 | 0.000 | 168577813 | 1966.2 | 64.1- 124.1 | 95.2 | |
| Average of Peak Amounts = | | | | | | 1977.8 | | | |
| 2 | 6 | 7.826 | 7.827 | -0.001 | 61674674 | 1953.7 | | 100.0 | |
| 2 | 7 | 8.194 | 8.196 | -0.002 | 120549837 | 1978.7 | 163.4- 223.4 | 195.5 | |
| 2 | 8 | 8.626 | 8.627 | -0.001 | 145190861 | 2019.1 | 201.9- 261.9 | 235.4 | |
| 2 | 9 | 9.346 | 9.347 | -0.001 | 111116283 | 1972.6 | 146.4- 206.4 | 180.2 | |
| 2 | 10 | 9.736 | 9.737 | -0.001 | 116041581 | 2013.3 | 153.8- 213.8 | 188.2 | |
| Average of Peak Amounts = | | | | | | 1987.5 | | | |

RPD = 0.49

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

1 1 9.568

2 2 10.249

\$ 2 DCB Decachlorobiphenyl

1 1 10.767

2 2 11.567

Report Date: 11-Oct-2011 15:33:26

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4810.D

Injection Date: 11-Oct-2011 15:12:45

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

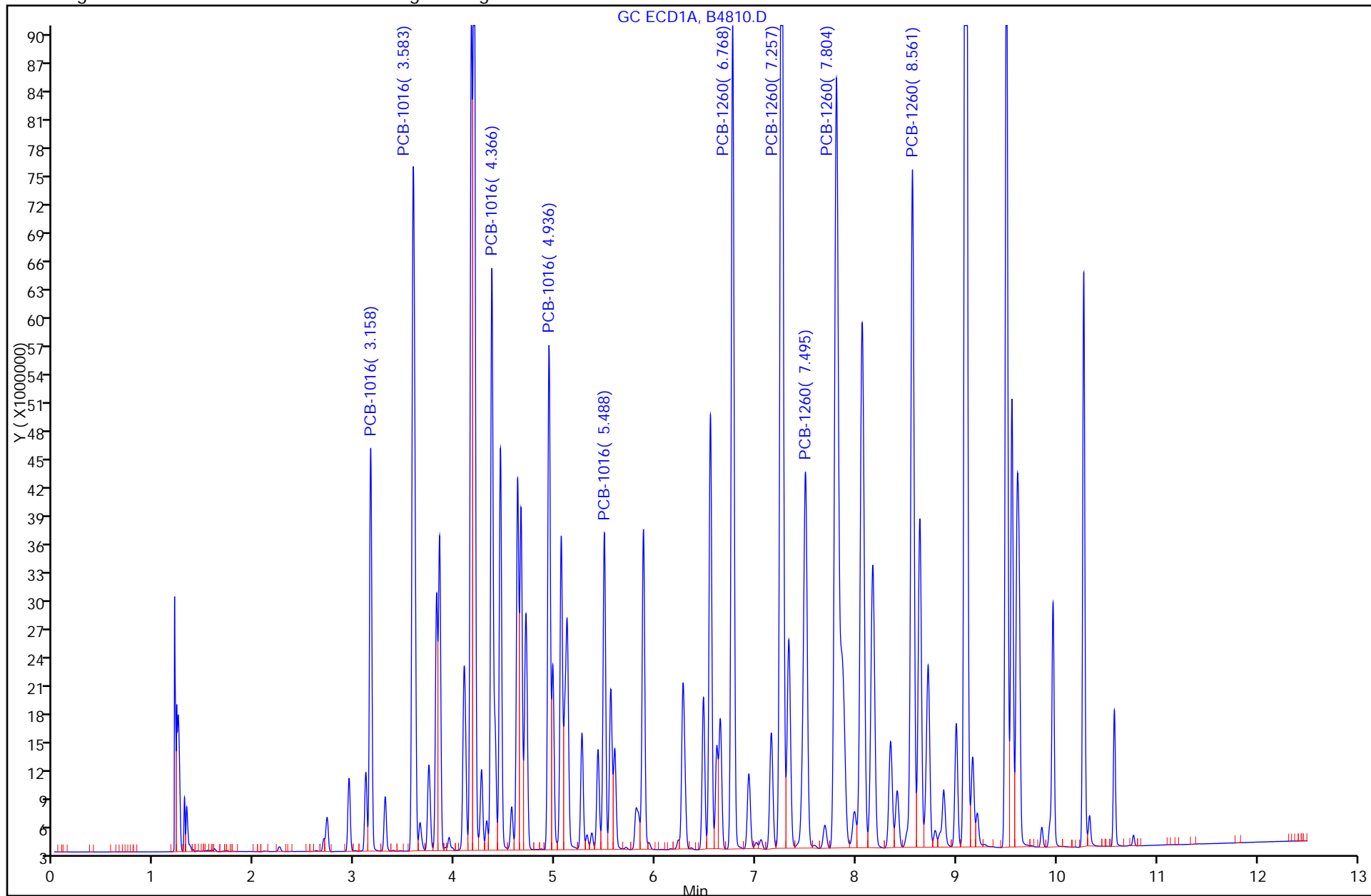
Lims Batch ID: 87982

Lims Sample ID: 8

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D
 Lims ID: std3000 Client ID:
 Inject. Date: 11-Oct-2011 15:28:10 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 9
 Sample ID: std3000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 9
 Lims Batch ID: 87982 Lims Sample ID: 9
 Sublist: chrom-PCBS*sub1
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 15:46:19 Calib Date: 11-Oct-2011 15:28:10
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 15:46:19

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|-----------|--------|--------------|-------|--|
| 1 | 1 | 3.157 | 3.159 | -0.002 | 103782771 | 2982.7 | | 100.0 | |
| 1 | 2 | 3.583 | 3.584 | -0.001 | 225024473 | 3039.5 | 186.9- 246.9 | 216.8 | |
| 1 | 3 | 4.367 | 4.367 | 0.000 | 183868956 | 2975.0 | 143.8- 203.8 | 177.2 | |
| 1 | 4 | 4.937 | 4.937 | 0.000 | 143446130 | 2975.0 | 106.7- 166.7 | 138.2 | |
| 1 | 5 | 5.489 | 5.489 | 0.000 | 90581980 | 2991.5 | 55.8- 115.8 | 87.3 | |
| Average of Peak Amounts = | | | | | | 2992.7 | | | |
| 2 | 6 | 3.697 | 3.699 | -0.002 | 65623167 | 3087.2 | | 100.0 | |
| 2 | 7 | 4.269 | 4.271 | -0.002 | 142705311 | 3041.9 | 189.6- 249.6 | 217.5 | |
| 2 | 8 | 5.152 | 5.152 | 0.000 | 108906772 | 3132.4 | 138.6- 198.6 | 166.0 | |
| 2 | 9 | 5.582 | 5.583 | -0.001 | 50616189 | 3047.8 | 49.7- 109.7 | 77.1 | |
| 2 | 10 | 5.874 | 5.874 | 0.000 | 91005565 | 3055.8 | 108.1- 168.1 | 138.7 | |
| Average of Peak Amounts = | | | | | | 3073.0 | | | |

RPD = 2.65

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|--------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.768 | 6.768 | 0.000 | 260458380 | 2984.9 | | 100.0 | |
| 1 | 2 | 7.257 | 7.258 | -0.001 | 396741938 | 2983.9 | 119.7- 179.7 | 152.3 | |
| 1 | 3 | 7.495 | 7.495 | 0.000 | 161728598 | 2939.2 | 29.6- 89.6 | 62.1 | |
| 1 | 4 | 7.804 | 7.803 | 0.001 | 416449862 | 2946.3 | 126.4- 186.4 | 159.9 | |
| 1 | 5 | 8.562 | 8.561 | 0.001 | 247218726 | 2937.5 | 64.1- 124.1 | 94.9 | |
| Average of Peak Amounts = | | | | | | 2958.3 | | | |
| 2 | 6 | 7.827 | 7.827 | 0.000 | 92330917 | 2979.0 | | 100.0 | |
| 2 | 7 | 8.196 | 8.196 | 0.000 | 174997901 | 2991.5 | 163.4- 223.4 | 189.5 | |
| 2 | 8 | 8.627 | 8.627 | 0.000 | 211528089 | 3070.3 | 201.9- 261.9 | 229.1 | |
| 2 | 9 | 9.347 | 9.347 | 0.000 | 161202367 | 2959.7 | 146.4- 206.4 | 174.6 | |
| 2 | 10 | 9.737 | 9.737 | 0.000 | 167456196 | 3035.2 | 153.8- 213.8 | 181.4 | |
| Average of Peak Amounts = | | | | | | 3007.2 | | | |

RPD = 1.64

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|

\$ 3 Dibutylchloroendate

1 1 9.568

2 2 10.249

\$ 2 DCB Decachlorobiphenyl

1 1 10.767

2 2 11.567

Report Date: 11-Oct-2011 15:46:23

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4811.D

Injection Date: 11-Oct-2011 15:28:10

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

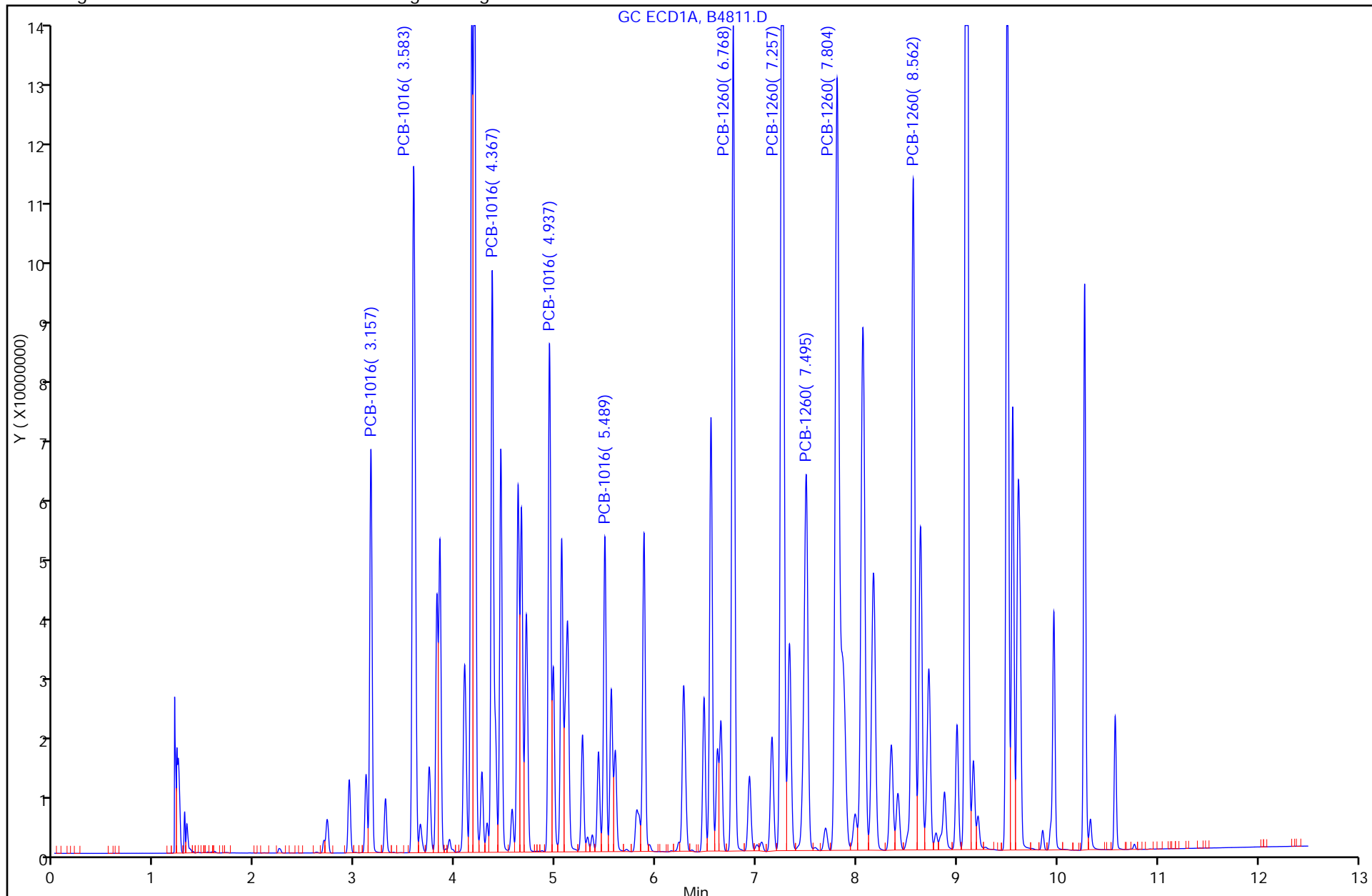
Lims Batch ID: 87982

Lims Sample ID: 9

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1221 510-87982/10 | B4812.D |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|-----------------|-------|--|--|--|--|--|--|--|--|--|---------------|--------|
| PCB-1221 Peak 1 | 2.247 | | | | | | | | | | 2.147 - 2.347 | 2.247 |
| PCB-1221 Peak 2 | 2.941 | | | | | | | | | | 2.841 - 3.041 | 2.941 |
| PCB-1221 Peak 3 | 3.108 | | | | | | | | | | 3.008 - 3.208 | 3.108 |
| PCB-1221 Peak 4 | 3.156 | | | | | | | | | | 3.056 - 3.256 | 3.156 |
| PCB-1221 Peak 5 | 4.366 | | | | | | | | | | 4.266 - 4.466 | 4.366 |

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1221 510-87982/10 | B4812.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|--------|--|--|--|------------|-------------|------------|----|---|--------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1221 Peak 1 | 17151 | | | | Ave | | 17151.3310 | | | | | | 10.0 | | | |
| PCB-1221 Peak 2 | 22930 | | | | Ave | | 22929.6540 | | | | | | 10.0 | | | |
| PCB-1221 Peak 3 | 14032 | | | | Ave | | 14031.6215 | | | | | | 10.0 | | | |
| PCB-1221 Peak 4 | 54119 | | | | Ave | | 54119.1420 | | | | | | 10.0 | | | |
| PCB-1221 Peak 5 | 4254.8 | | | | Ave | | 4254.84150 | | | | | | 10.0 | | | |

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

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:43 Calibration End Date: 10/11/2011 15:43 Calibration ID: 4313

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1221 510-87982/10 | B4812.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1221 Peak 1 | Ave | 34302662 | | | | | 2000 | | | | |
| PCB-1221 Peak 2 | Ave | 45859308 | | | | | 2000 | | | | |
| PCB-1221 Peak 3 | Ave | 28063243 | | | | | 2000 | | | | |
| PCB-1221 Peak 4 | Ave | 108238284 | | | | | 2000 | | | | |
| PCB-1221 Peak 5 | Ave | 8509683 | | | | | 2000 | | | | |

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D
 Lims ID: std1221 Client ID:
 Inject. Date: 11-Oct-2011 15:43:15 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1221
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 10
 Lims Batch ID: 87982 Lims Sample ID: 10
 Sublist: chrom-PCBS*sub2
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:05:38 Calib Date: 11-Oct-2011 15:43:15
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:05:38

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|---------------------------|-----|-------|--------|--------|-----------|-----------------|-------------|-------|-------|
| 5 PCB-1221 | | | | | | | | | M |
| 1 | 1 | 2.247 | 2.247 | 0.000 | 34302662 | 2000.0 | | 100.0 | M |
| 1 | 2 | 2.941 | 2.941 | 0.000 | 45859308 | 2000.0 | 0.0- 30.0 | 133.7 | |
| 1 | 3 | 3.108 | 3.108 | 0.000 | 28063243 | 2000.0 | 0.0- 30.0 | 81.8 | |
| 1 | 4 | 3.156 | 3.156 | 0.000 | 108238284 | 2000.0 | 0.0- 30.0 | 315.5 | |
| 1 | 5 | 4.366 | 4.366 | 0.000 | 8509683 | 2000.0 | 0.0- 30.0 | 24.8 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| 2 | 6 | 2.501 | 2.501 | 0.000 | 22822912 | 2000.0 | | 100.0 | |
| 2 | 7 | 2.927 | 2.927 | 0.000 | 7399309 | 2000.0 | 0.0- 30.0 | 32.4 | |
| 2 | 8 | 3.422 | 3.422 | 0.000 | 30090350 | 2000.0 | 0.0- 30.0 | 131.8 | |
| 2 | 9 | 3.613 | 3.613 | 0.000 | 18808893 | 2000.0 | 0.0- 30.0 | 82.4 | |
| 2 | 10 | 3.697 | 3.697 | 0.000 | 68568594 | 2000.0 | 0.0- 30.0 | 300.4 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| | | | | | | RPD = 0.00 | | | |

QC Flag Legend

Review Flags

M - Manually Integrated

Report Date: 11-Oct-2011 16:05:39

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4812.D

Injection Date: 11-Oct-2011 15:43:15

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

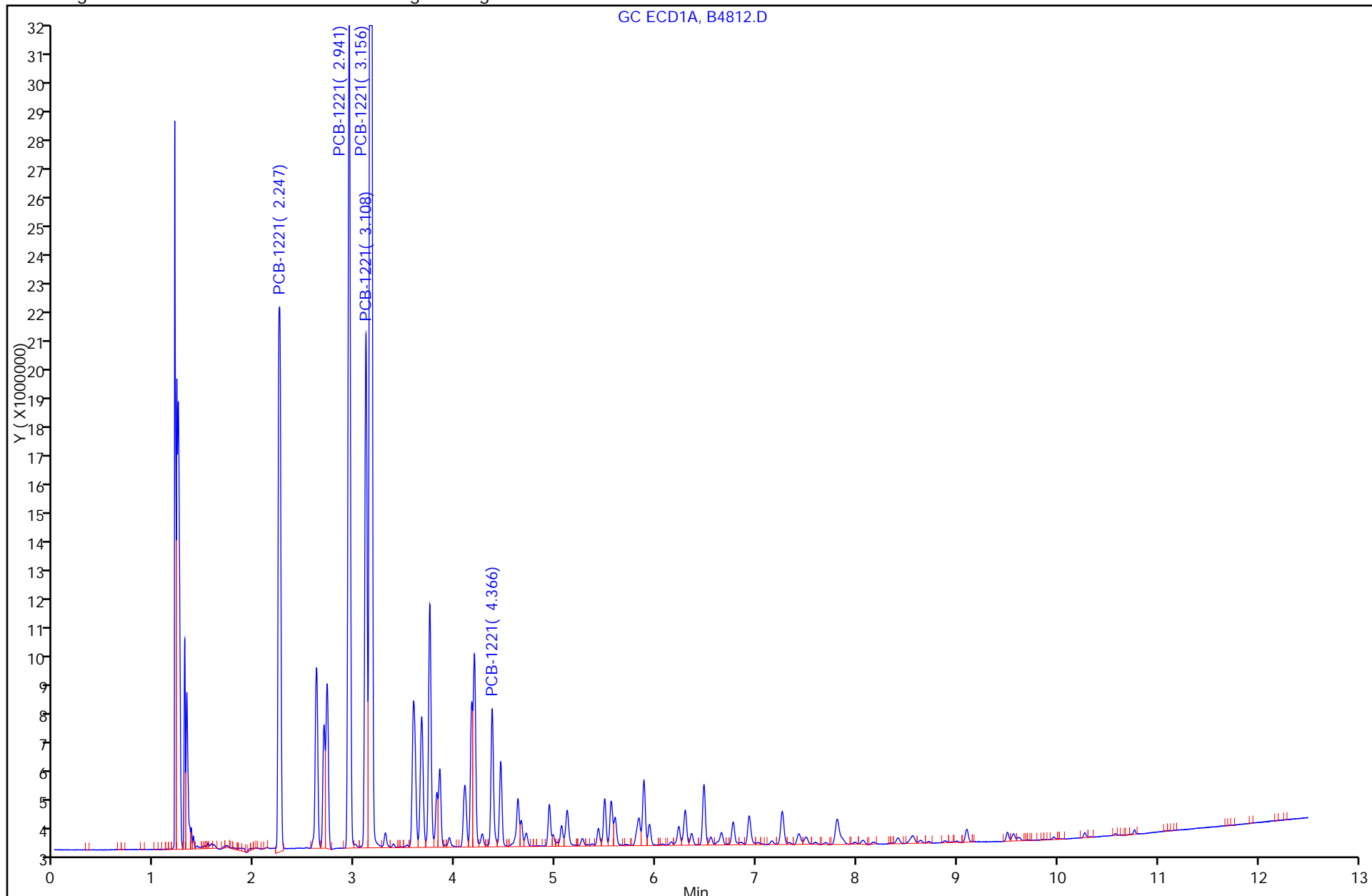
Lims Batch ID: 87982

Lims Sample ID: 10

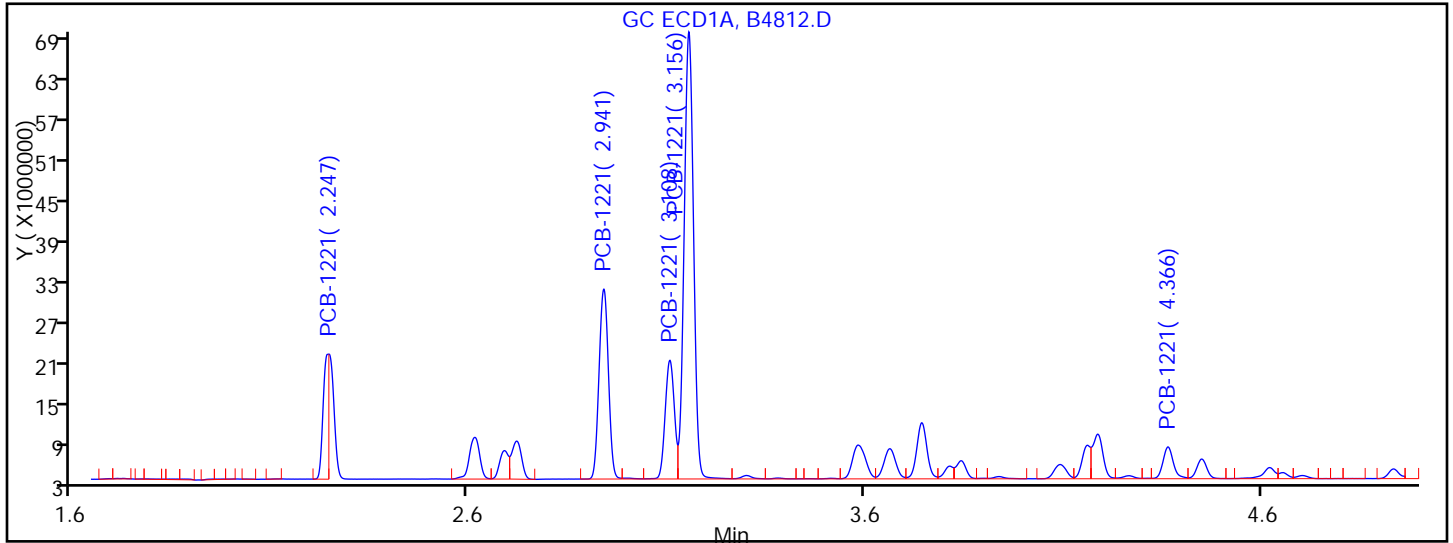
Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2

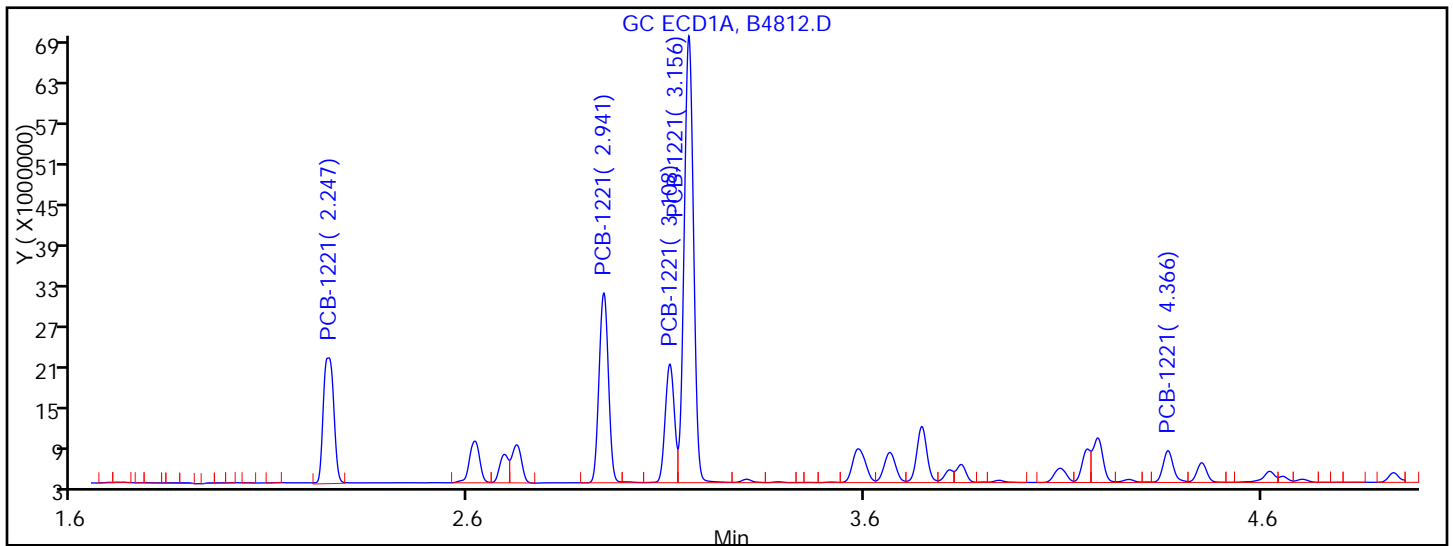


5 PCB-1221, Detector: 1, GC ECD1A



Processing Integration Results

| | | |
|------------|----------------------|---|
| RT = 2.247 | Response = 17428467 | M |
| RT = 2.941 | Response = 45859308 | |
| RT = 3.108 | Response = 28063243 | |
| RT = 3.156 | Response = 108238284 | |
| RT = 4.366 | Response = 8509683 | |



Manual Integration Results

| | | |
|------------|----------------------|---|
| RT = 2.247 | Response = 34302662 | M |
| RT = 2.941 | Response = 45859308 | |
| RT = 3.108 | Response = 28063243 | |
| RT = 3.156 | Response = 108238284 | |
| RT = 4.366 | Response = 8509683 | |

Reviewer: iversc, 11-Oct-2011 16:05:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1232 510-87982/11 | B4813.D |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|-----------------|-------|--|--|--|--|--|--|--|--|--|---------------|--------|
| PCB-1232 Peak 1 | 2.942 | | | | | | | | | | 2.842 - 3.042 | 2.942 |
| PCB-1232 Peak 2 | 3.158 | | | | | | | | | | 3.058 - 3.258 | 3.158 |
| PCB-1232 Peak 3 | 3.583 | | | | | | | | | | 3.483 - 3.683 | 3.583 |
| PCB-1232 Peak 4 | 4.367 | | | | | | | | | | 4.267 - 4.467 | 4.367 |
| PCB-1232 Peak 5 | 4.453 | | | | | | | | | | 4.353 - 4.553 | 4.453 |

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1232 510-87982/11 | B4813.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|-------|--|--|--|------------|-------------|------------|----|---|--------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1232 Peak 1 | 13392 | | | | Ave | | 13392.4075 | | | | | | 10.0 | | | |
| PCB-1232 Peak 2 | 41757 | | | | Ave | | 41756.5095 | | | | | | 10.0 | | | |
| PCB-1232 Peak 3 | 36704 | | | | Ave | | 36703.7750 | | | | | | 10.0 | | | |
| PCB-1232 Peak 4 | 29567 | | | | Ave | | 29567.0520 | | | | | | 10.0 | | | |
| PCB-1232 Peak 5 | 17872 | | | | Ave | | 17872.1520 | | | | | | 10.0 | | | |

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

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 15:58 Calibration End Date: 10/11/2011 15:58 Calibration ID: 4317

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1232 510-87982/11 | B4813.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|------------|----------|--|--|--|--|----------------------|--|--|--|--|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1232 Peak 1 | Ave | 26784815 | | | | | 2000 | | | | |
| PCB-1232 Peak 2 | Ave | 83513019 | | | | | 2000 | | | | |
| PCB-1232 Peak 3 | Ave | 73407550 | | | | | 2000 | | | | |
| PCB-1232 Peak 4 | Ave | 59134104 | | | | | 2000 | | | | |
| PCB-1232 Peak 5 | Ave | 35744304 | | | | | 2000 | | | | |

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4813.D
 Lims ID: std1232 Client ID:
 Inject. Date: 11-Oct-2011 15:58:43 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1232
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 11
 Lims Batch ID: 87982 Lims Sample ID: 11
 Sublist: chrom-PCBS*sub3
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:46:46 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:46:46

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|---------------------------|-----|-------|--------|--------|----------|-----------------|-------------|-------|-------|
| 7 PCB-1232 | | | | | | | | | |
| 1 | 1 | 2.942 | 2.942 | 0.000 | 26784815 | 2000.0 | | 100.0 | |
| 1 | 2 | 3.158 | 3.158 | 0.000 | 83513019 | 2000.0 | 0.0- 30.0 | 311.8 | |
| 1 | 3 | 3.583 | 3.583 | 0.000 | 73407550 | 2000.0 | 0.0- 30.0 | 274.1 | |
| 1 | 4 | 4.367 | 4.367 | 0.000 | 59134104 | 2000.0 | 0.0- 30.0 | 220.8 | |
| 1 | 5 | 4.453 | 4.453 | 0.000 | 35744304 | 2000.0 | 0.0- 30.0 | 133.4 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| 2 | 6 | 2.502 | 2.502 | 0.000 | 12350781 | 2000.0 | | 100.0 | |
| 2 | 7 | 3.698 | 3.698 | 0.000 | 53035070 | 2000.0 | 0.0- 30.0 | 429.4 | |
| 2 | 8 | 4.269 | 4.269 | 0.000 | 51127692 | 2000.0 | 0.0- 30.0 | 414.0 | |
| 2 | 9 | 5.153 | 5.153 | 0.000 | 37946327 | 2000.0 | 0.0- 30.0 | 307.2 | |
| 2 | 10 | 5.874 | 5.874 | 0.000 | 29345220 | 2000.0 | 0.0- 30.0 | 237.6 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| RPD = 0.00 | | | | | | | | | |

Report Date: 11-Oct-2011 16:46:46

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4813.D

Injection Date: 11-Oct-2011 15:58:43

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

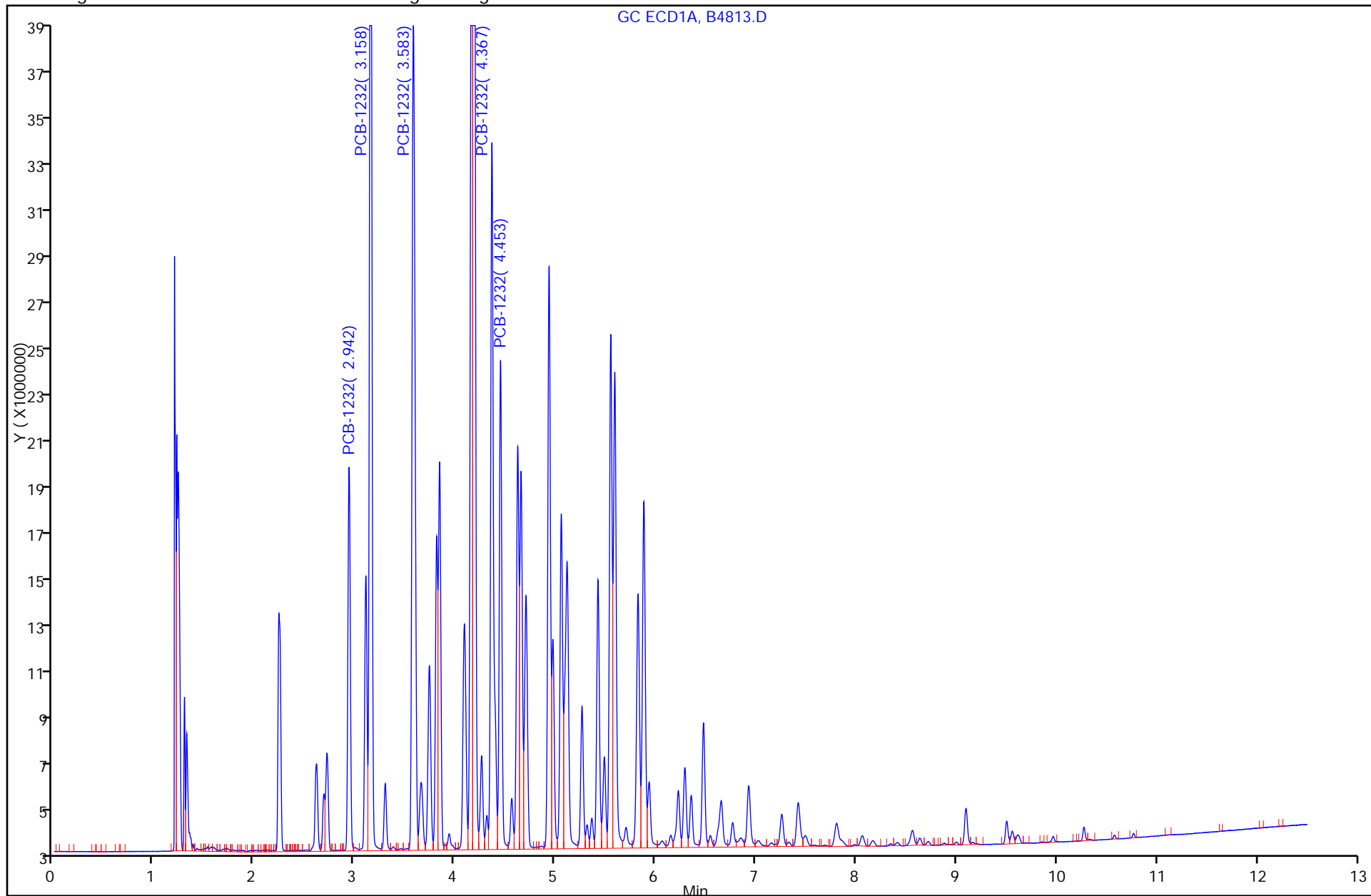
Lims Batch ID: 87982

Lims Sample ID: 11

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1242 510-87982/12 | B4814.D |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|-----------------|-------|--|--|--|--|--|--|--|--|--|---------------|--------|
| PCB-1242 Peak 1 | 3.156 | | | | | | | | | | 3.056 - 3.256 | 3.156 |
| PCB-1242 Peak 2 | 3.582 | | | | | | | | | | 3.482 - 3.682 | 3.582 |
| PCB-1242 Peak 3 | 4.451 | | | | | | | | | | 4.351 - 4.551 | 4.451 |
| PCB-1242 Peak 4 | 5.115 | | | | | | | | | | 5.015 - 5.215 | 5.115 |
| PCB-1242 Peak 5 | 5.591 | | | | | | | | | | 5.491 - 5.691 | 5.591 |

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1242 510-87982/12 | B4814.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R^2 OR COD | # | MIN R^2 OR COD |
|-----------------|-------|--|--|--|------------|-------------|------------|----|---|--------|------|---|----------|------------|---|----------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1242 Peak 1 | 29770 | | | | Ave | | 29770.2060 | | | | | | 10.0 | | | |
| PCB-1242 Peak 2 | 63473 | | | | Ave | | 63472.5290 | | | | | | 10.0 | | | |
| PCB-1242 Peak 3 | 30091 | | | | Ave | | 30090.6490 | | | | | | 10.0 | | | |
| PCB-1242 Peak 4 | 27726 | | | | Ave | | 27725.7080 | | | | | | 10.0 | | | |
| PCB-1242 Peak 5 | 37871 | | | | Ave | | 37871.3920 | | | | | | 10.0 | | | |

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

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:13 Calibration End Date: 10/11/2011 16:13 Calibration ID: 4321

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1242 510-87982/12 | B4814.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1242 Peak 1 | Ave | 59540412 | | | | | 2000 | | | | |
| PCB-1242 Peak 2 | Ave | 126945058 | | | | | 2000 | | | | |
| PCB-1242 Peak 3 | Ave | 60181298 | | | | | 2000 | | | | |
| PCB-1242 Peak 4 | Ave | 55451416 | | | | | 2000 | | | | |
| PCB-1242 Peak 5 | Ave | 75742784 | | | | | 2000 | | | | |

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4814.D
 Lims ID: std1242 Client ID:
 Inject. Date: 11-Oct-2011 16:13:53 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1242
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 12
 Lims Batch ID: 87982 Lims Sample ID: 12
 Sublist: chrom-PCBS*sub4
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:47:01 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:47:01

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|---------------------------|-----|-------|--------|--------|-----------|-----------------|-------------|-------|-------|
| 10 PCB-1242 | | | | | | | | | |
| 1 | 1 | 3.156 | 3.156 | 0.000 | 59540412 | 2000.0 | | 100.0 | |
| 1 | 2 | 3.582 | 3.582 | 0.000 | 126945058 | 2000.0 | 0.0- 30.0 | 213.2 | |
| 1 | 3 | 4.451 | 4.451 | 0.000 | 60181298 | 2000.0 | 0.0- 30.0 | 101.1 | |
| 1 | 4 | 5.115 | 5.115 | 0.000 | 55451416 | 2000.0 | 0.0- 30.0 | 93.1 | |
| 1 | 5 | 5.591 | 5.591 | 0.000 | 75742784 | 2000.0 | 0.0- 30.0 | 127.2 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| 2 | 6 | 3.697 | 3.697 | 0.000 | 38372905 | 2000.0 | | 100.0 | |
| 2 | 7 | 4.269 | 4.269 | 0.000 | 83356609 | 2000.0 | 0.0- 30.0 | 217.2 | |
| 2 | 8 | 5.151 | 5.151 | 0.000 | 63853655 | 2000.0 | 0.0- 30.0 | 166.4 | |
| 2 | 9 | 6.542 | 6.542 | 0.000 | 59725240 | 2000.0 | 0.0- 30.0 | 155.6 | |
| 2 | 10 | 6.926 | 6.926 | 0.000 | 59236938 | 2000.0 | 0.0- 30.0 | 154.4 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| RPD = 0.00 | | | | | | | | | |

Report Date: 11-Oct-2011 16:47:01

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4814.D

Injection Date: 11-Oct-2011 16:13:53

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

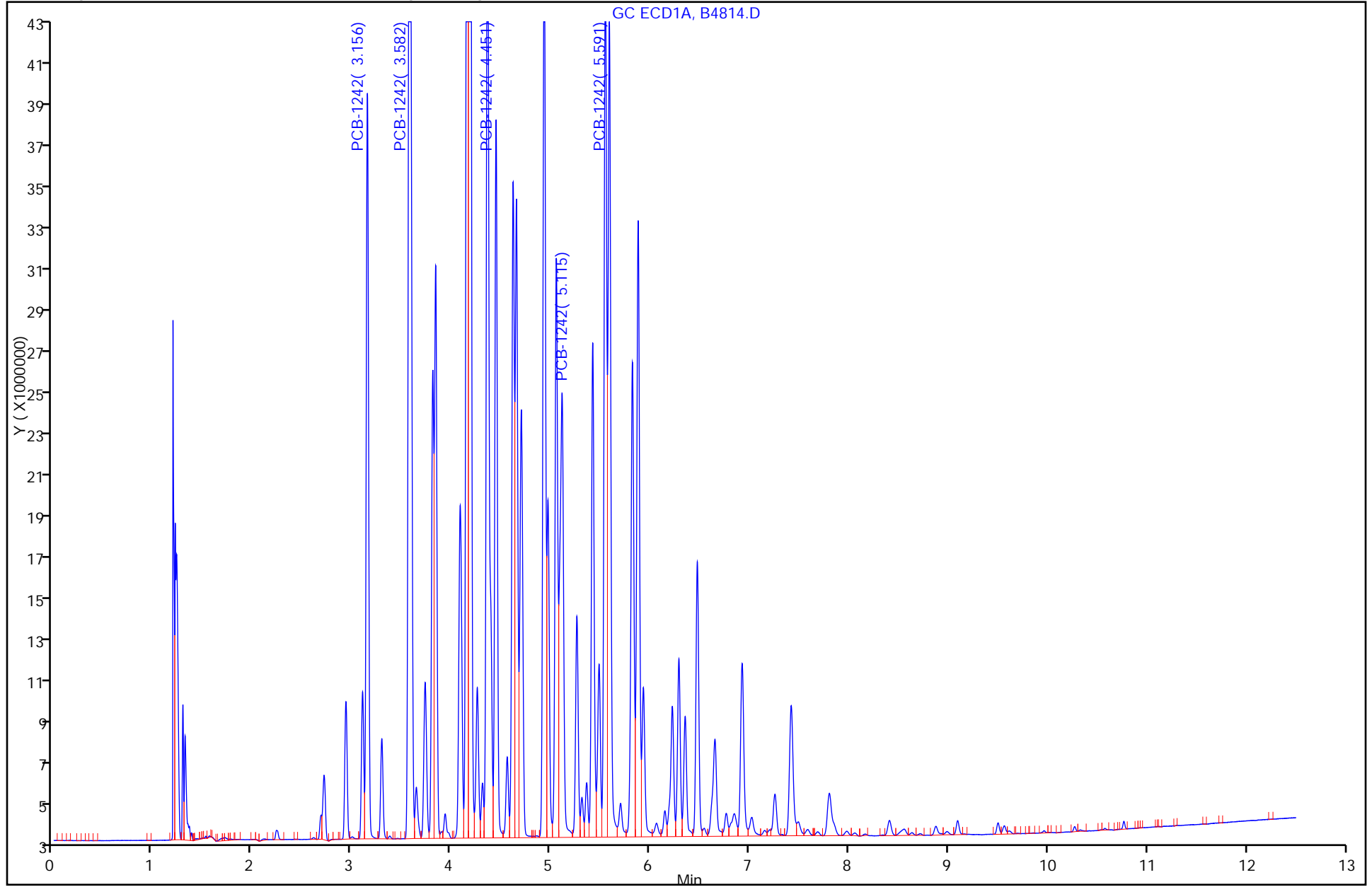
Lims Batch ID: 87982

Lims Sample ID: 12

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1248 510-87982/13 | B4815.D |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|-----------------|-------|--|--|--|--|--|--|--|--|--|---------------|--------|
| PCB-1248 Peak 1 | 3.582 | | | | | | | | | | 3.482 - 3.682 | 3.582 |
| PCB-1248 Peak 2 | 4.190 | | | | | | | | | | 4.090 - 4.290 | 4.190 |
| PCB-1248 Peak 3 | 5.059 | | | | | | | | | | 4.959 - 5.159 | 5.059 |
| PCB-1248 Peak 4 | 5.593 | | | | | | | | | | 5.493 - 5.693 | 5.593 |
| PCB-1248 Peak 5 | 6.478 | | | | | | | | | | 6.378 - 6.578 | 6.478 |

FORM VI
PCBS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1248 510-87982/13 | B4815.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R ² OR COD | # | MIN R ² OR COD |
|-----------------|-------|--|--|--|------------|-------------|------------|----|---|--------|------|---|----------|-----------------------|---|---------------------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1248 Peak 1 | 29867 | | | | Ave | | 29866.9405 | | | | | | 10.0 | | | |
| PCB-1248 Peak 2 | 37405 | | | | Ave | | 37404.7195 | | | | | | 10.0 | | | |
| PCB-1248 Peak 3 | 43382 | | | | Ave | | 43382.1090 | | | | | | 10.0 | | | |
| PCB-1248 Peak 4 | 62322 | | | | Ave | | 62321.8135 | | | | | | 10.0 | | | |
| PCB-1248 Peak 5 | 36301 | | | | Ave | | 36300.9330 | | | | | | 10.0 | | | |

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

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:29 Calibration End Date: 10/11/2011 16:29 Calibration ID: 4325

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1248 510-87982/13 | B4815.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1248 Peak 1 | Ave | 59733881 | | | | | 2000 | | | | |
| PCB-1248 Peak 2 | Ave | 74809439 | | | | | 2000 | | | | |
| PCB-1248 Peak 3 | Ave | 86764218 | | | | | 2000 | | | | |
| PCB-1248 Peak 4 | Ave | 124643627 | | | | | 2000 | | | | |
| PCB-1248 Peak 5 | Ave | 72601866 | | | | | 2000 | | | | |

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Lims ID: std1248 Client ID:
 Inject. Date: 11-Oct-2011 16:29:18 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1248
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 13
 Lims Batch ID: 87982 Lims Sample ID: 13
 Sublist: chrom-PCBS*sub5
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 16:47:15 Calib Date: 11-Oct-2011 16:29:18
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 16:47:15

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags | |
|------------|-----|---------------------------|--------|--------|-----------|-----------------|-------------|-------|-------|--|
| 6 PCB-1248 | | | | | | | | | | |
| 1 | 1 | 3.582 | 3.582 | 0.000 | 59733881 | 2000.0 | | 100.0 | | |
| 1 | 2 | 4.190 | 4.190 | 0.000 | 74809439 | 2000.0 | 0.0- 30.0 | 125.2 | | |
| 1 | 3 | 5.059 | 5.059 | 0.000 | 86764218 | 2000.0 | 0.0- 30.0 | 145.3 | | |
| 1 | 4 | 5.593 | 5.593 | 0.000 | 124643627 | 2000.0 | 0.0- 30.0 | 208.7 | | |
| 1 | 5 | 6.478 | 6.478 | 0.000 | 72601866 | 2000.0 | 0.0- 30.0 | 121.5 | | |
| | | Average of Peak Amounts = | | | | 2000.0 | | | | |
| 2 | 6 | 4.269 | 4.269 | 0.000 | 39970204 | 2000.0 | | 100.0 | | |
| 2 | 7 | 5.149 | 5.149 | 0.000 | 35207310 | 2000.0 | 0.0- 30.0 | 88.1 | | |
| 2 | 8 | 5.874 | 5.874 | 0.000 | 84240905 | 2000.0 | 0.0- 30.0 | 210.8 | | |
| 2 | 9 | 6.541 | 6.541 | 0.000 | 105815385 | 2000.0 | 0.0- 30.0 | 264.7 | | |
| 2 | 10 | 6.929 | 6.929 | 0.000 | 100284841 | 2000.0 | 0.0- 30.0 | 250.9 | | |
| | | Average of Peak Amounts = | | | | 2000.0 | | | | |
| | | | | | | RPD = 0.00 | | | | |

Report Date: 11-Oct-2011 16:47:15

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4815.D

Injection Date: 11-Oct-2011 16:29:18

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

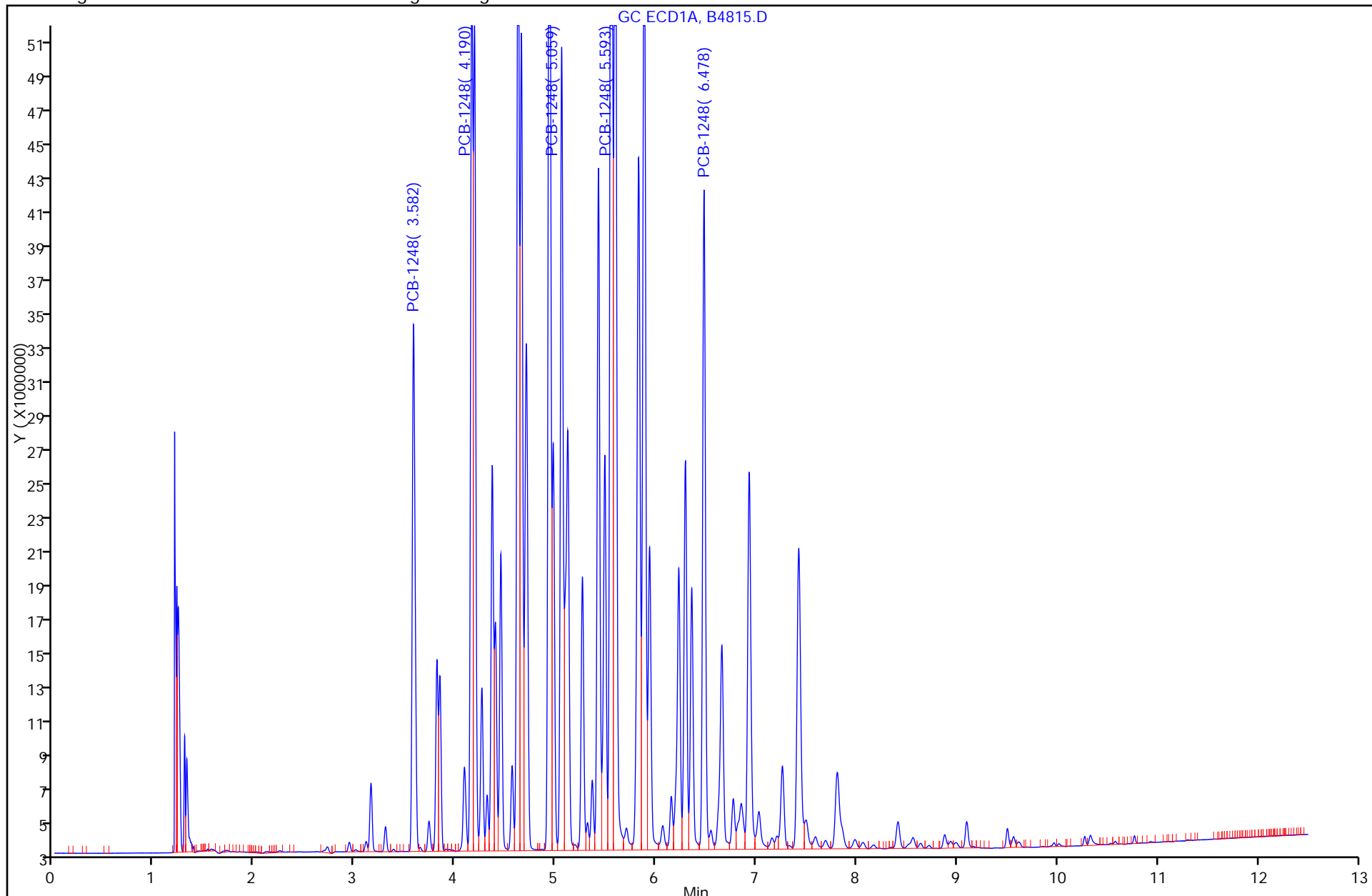
Lims Batch ID: 87982

Lims Sample ID: 13

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1254 510-87982/14 | B4816.D |

| ANALYTE | LVL 1 | | | | | | | | | | RT WINDOW | AVG RT |
|-----------------|-------|--|--|--|--|--|--|--|--|--|---------------|--------|
| PCB-1254 Peak 1 | 5.551 | | | | | | | | | | 5.451 - 5.651 | 5.551 |
| PCB-1254 Peak 2 | 6.290 | | | | | | | | | | 6.190 - 6.390 | 6.290 |
| PCB-1254 Peak 3 | 6.476 | | | | | | | | | | 6.376 - 6.576 | 6.476 |
| PCB-1254 Peak 4 | 6.926 | | | | | | | | | | 6.826 - 7.026 | 6.926 |
| PCB-1254 Peak 5 | 7.804 | | | | | | | | | | 7.704 - 7.904 | 7.804 |

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1254 510-87982/14 | B4816.D |

| ANALYTE | CF | | | | CURVE TYPE | COEFFICIENT | | | # | MIN CF | %RSD | # | MAX %RSD | R ² OR COD | # | MIN R ² OR COD |
|-----------------|--------|--|--|--|------------|-------------|------------|----|---|--------|------|---|----------|-----------------------|---|---------------------------|
| | LVL 1 | | | | | B | M1 | M2 | | | | | | | | |
| PCB-1254 Peak 1 | 66638 | | | | Ave | | 66637.7765 | | | | | | 10.0 | | | |
| PCB-1254 Peak 2 | 53163 | | | | Ave | | 53162.6095 | | | | | | 10.0 | | | |
| PCB-1254 Peak 3 | 107955 | | | | Ave | | 107955.379 | | | | | | 10.0 | | | |
| PCB-1254 Peak 4 | 132967 | | | | Ave | | 132967.202 | | | | | | 10.0 | | | |
| PCB-1254 Peak 5 | 121496 | | | | Ave | | 121495.643 | | | | | | 10.0 | | | |

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

FORM VI
 PCBS INITIAL CALIBRATION DATA
 EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2 Analy Batch No.: 87982

SDG No.: _____

Instrument ID: SGCA GC Column: 8082/608 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2011 16:44 Calibration End Date: 10/11/2011 16:44 Calibration ID: 4329

Calibration Files:

| | | |
|---------|----------------------|--------------|
| LEVEL: | LAB SAMPLE ID: | LAB FILE ID: |
| Level 1 | STD1254 510-87982/14 | B4816.D |

| ANALYTE | CURVE TYPE | RESPONSE | | | | | CONCENTRATION (UG/L) | | | | |
|-----------------|------------|-----------|--|--|--|--|----------------------|--|--|--|--|
| | | LVL 1 | | | | | LVL 1 | | | | |
| PCB-1254 Peak 1 | Ave | 133275553 | | | | | 2000 | | | | |
| PCB-1254 Peak 2 | Ave | 106325219 | | | | | 2000 | | | | |
| PCB-1254 Peak 3 | Ave | 215910758 | | | | | 2000 | | | | |
| PCB-1254 Peak 4 | Ave | 265934404 | | | | | 2000 | | | | |
| PCB-1254 Peak 5 | Ave | 242991286 | | | | | 2000 | | | | |

Curve Type Legend:

Ave = Average

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Lims ID: std1254 Client ID:
 Inject. Date: 11-Oct-2011 16:44:21 Dil. Factor: 1.0000
 Sample Type: IC Calib Level: 8
 Sample ID: std1254
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 14
 Lims Batch ID: 87982 Lims Sample ID: 14
 Sublist: chrom-PCBS*sub6
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111011-5714.b\PCBS.m
 Last Update: 11-Oct-2011 17:16:44 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 11-Oct-2011 17:16:44

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|---------------------------|-----|-------|--------|--------|-----------|-----------------|-------------|-------|-------|
| 9 PCB-1254 | | | | | | | | | |
| 1 | 1 | 5.551 | 5.551 | 0.000 | 133275553 | 2000.0 | | 100.0 | |
| 1 | 2 | 6.290 | 6.290 | 0.000 | 106325219 | 2000.0 | 0.0- 30.0 | 79.8 | |
| 1 | 3 | 6.476 | 6.476 | 0.000 | 215910758 | 2000.0 | 0.0- 30.0 | 162.0 | |
| 1 | 4 | 6.926 | 6.926 | 0.000 | 265934404 | 2000.0 | 0.0- 30.0 | 199.5 | |
| 1 | 5 | 7.804 | 7.804 | 0.000 | 242991286 | 2000.0 | 0.0- 30.0 | 182.3 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| 2 | 6 | 6.539 | 6.539 | 0.000 | 76220681 | 2000.0 | | 100.0 | |
| 2 | 7 | 6.853 | 6.853 | 0.000 | 81963657 | 2000.0 | 0.0- 30.0 | 107.5 | |
| 2 | 8 | 7.750 | 7.750 | 0.000 | 139975745 | 2000.0 | 0.0- 30.0 | 183.6 | |
| 2 | 9 | 8.270 | 8.270 | 0.000 | 179045538 | 2000.0 | 0.0- 30.0 | 234.9 | |
| 2 | 10 | 9.217 | 9.217 | 0.000 | 157645021 | 2000.0 | 0.0- 30.0 | 206.8 | |
| Average of Peak Amounts = | | | | | | 2000.0 | | | |
| RPD = 0.00 | | | | | | | | | |

Report Date: 11-Oct-2011 17:16:44

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D

Injection Date: 11-Oct-2011 16:44:21

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

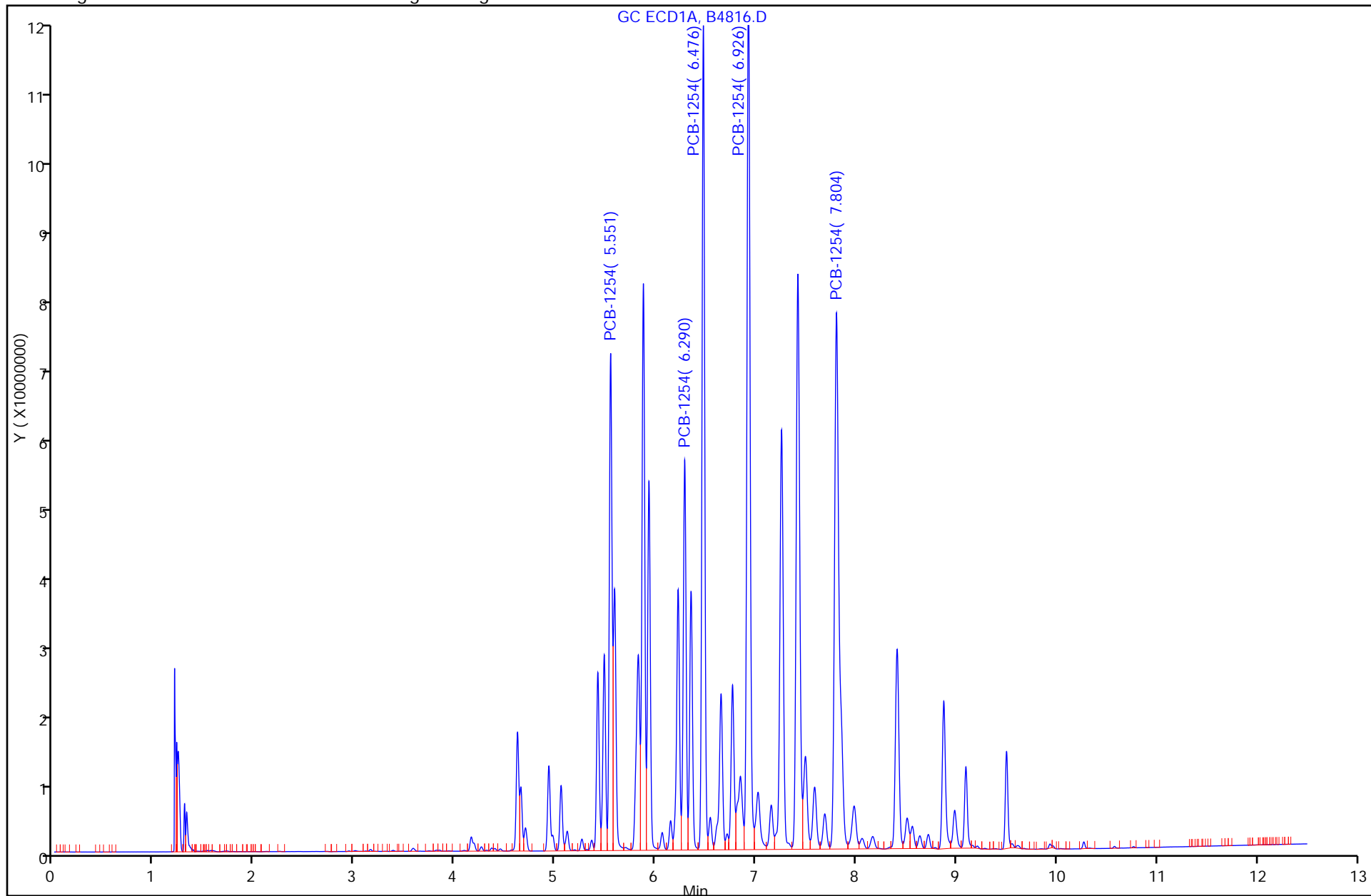
Lims Batch ID: 87982

Lims Sample ID: 14

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Lab Sample ID: CCV1000 510-88023/7 Calibration Date: 10/12/2011 11:58
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B4849.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|--------|---------|--------|-------------|--------------|------|--------|
| PCB-1016 Peak 1 | Qua2 | | 35868 | | 967 | 1000 | -3.3 | 15.0 |
| PCB-1016 Peak 2 | Qua2 | | 77017 | | 953 | 1000 | -4.7 | 15.0 |
| PCB-1016 Peak 3 | Qua2 | | 62875 | | 984 | 1000 | -1.6 | 15.0 |
| PCB-1016 Peak 4 | Qua2 | | 49303 | | 982 | 1000 | -1.8 | 15.0 |
| PCB-1016 Peak 5 | Qua2 | | 30790 | | 965 | 1000 | -3.5 | 15.0 |
| PCB-1260 Peak 1 | Qua2 | | 88334 | | 970 | 1000 | -3.0 | 15.0 |
| PCB-1260 Peak 2 | Qua2 | | 133530 | | 974 | 1000 | -2.6 | 15.0 |
| PCB-1260 Peak 3 | Qua2 | | 53059 | | 980 | 1000 | -2.0 | 15.0 |
| PCB-1260 Peak 4 | Qua2 | | 139543 | | 989 | 1000 | -1.1 | 15.0 |
| PCB-1260 Peak 5 | Qua2 | | 82655 | | 981 | 1000 | -1.9 | 15.0 |
| Dibutylchloredate | Qua2 | | 1777356 | | 95.8 | 100 | -4.2 | 15.0 |
| DCB Decachlorobiphenyl | Qua2 | | 1295010 | | 91.5 | 100 | -8.5 | 15.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Lab Sample ID: CCV1000 510-88023/7 Calibration Date: 10/12/2011 11:58
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B4849.D

| Analyte | RT | RT WINDOW | |
|------------------------|-------|-----------|-------|
| | | TO | FROM |
| PCB-1016 Peak 1 | 3.17 | 3.07 | 3.27 |
| PCB-1016 Peak 2 | 3.60 | 3.50 | 3.70 |
| PCB-1016 Peak 3 | 4.38 | 4.28 | 4.48 |
| PCB-1016 Peak 4 | 4.95 | 4.85 | 5.05 |
| PCB-1016 Peak 5 | 5.50 | 5.40 | 5.60 |
| PCB-1260 Peak 1 | 6.78 | 6.68 | 6.88 |
| PCB-1260 Peak 2 | 7.27 | 7.17 | 7.37 |
| PCB-1260 Peak 3 | 7.51 | 7.41 | 7.61 |
| PCB-1260 Peak 4 | 7.82 | 7.72 | 7.92 |
| PCB-1260 Peak 5 | 8.57 | 8.47 | 8.67 |
| Dibutylchloroendate | 9.58 | 9.48 | 9.68 |
| DCB Decachlorobiphenyl | 10.77 | 10.67 | 10.87 |

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4849.D
 Lims ID: ccv1000 Client ID:
 Inject. Date: 12-Oct-2011 11:58:56 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1000
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 24
 Lims Batch ID: 88023 Lims Sample ID: 7
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111012-5717.b\PCBS.m
 Last Update: 12-Oct-2011 12:22:51 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 12-Oct-2011 12:22:51

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|----------|-------|--------------|-------|--|
| 1 | 1 | 3.169 | 3.169 | 0.000 | 35867577 | 967.2 | | 100.0 | |
| 1 | 2 | 3.595 | 3.595 | 0.000 | 77016908 | 952.7 | 186.9- 246.9 | 214.7 | |
| 1 | 3 | 4.380 | 4.380 | 0.000 | 62875086 | 983.9 | 143.8- 203.8 | 175.3 | |
| 1 | 4 | 4.950 | 4.950 | 0.000 | 49303014 | 982.0 | 106.7- 166.7 | 137.5 | |
| 1 | 5 | 5.502 | 5.502 | 0.000 | 30790291 | 964.7 | 55.8- 115.8 | 85.8 | |
| Average of Peak Amounts = | | | | | | 970.1 | | | |
| 2 | 6 | 3.701 | 3.701 | 0.000 | 23462508 | 958.1 | | 100.0 | |
| 2 | 7 | 4.274 | 4.274 | 0.000 | 51080297 | 953.9 | 189.6- 249.6 | 217.7 | |
| 2 | 8 | 5.156 | 5.156 | 0.000 | 40030983 | 953.5 | 138.6- 198.6 | 170.6 | |
| 2 | 9 | 5.588 | 5.588 | 0.000 | 18728497 | 976.3 | 49.7- 109.7 | 79.8 | |
| 2 | 10 | 5.879 | 5.879 | 0.000 | 32560432 | 972.6 | 108.1- 168.1 | 138.8 | |
| Average of Peak Amounts = | | | | | | 962.9 | | | |

RPD = 0.75

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|-------|--------------|-------|--|
| 1 | 1 | 6.782 | 6.782 | 0.000 | 88334078 | 970.4 | | 100.0 | |
| 1 | 2 | 7.271 | 7.271 | 0.000 | 133530359 | 973.8 | 119.7- 179.7 | 151.2 | |
| 1 | 3 | 7.509 | 7.509 | 0.000 | 53059416 | 980.4 | 29.6- 89.6 | 60.1 | |
| 1 | 4 | 7.819 | 7.819 | 0.000 | 139542763 | 989.1 | 126.4- 186.4 | 158.0 | |
| 1 | 5 | 8.574 | 8.574 | 0.000 | 82655223 | 981.2 | 64.1- 124.1 | 93.6 | |
| Average of Peak Amounts = | | | | | | 979.0 | | | |
| 2 | 6 | 7.833 | 7.833 | 0.000 | 31470785 | 989.7 | | 100.0 | |
| 2 | 7 | 8.201 | 8.201 | 0.000 | 61343397 | 970.0 | 163.4- 223.4 | 194.9 | |
| 2 | 8 | 8.631 | 8.631 | 0.000 | 73571806 | 944.4 | 201.9- 261.9 | 233.8 | |
| 2 | 9 | 9.351 | 9.351 | 0.000 | 54318512 | 951.4 | 146.4- 206.4 | 172.6 | |
| 2 | 10 | 9.740 | 9.740 | 0.000 | 56917131 | 924.2 | 153.8- 213.8 | 180.9 | |
| Average of Peak Amounts = | | | | | | 955.9 | | | |

RPD = 2.38

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|------|-------|------|--|
| 1 | 1 | 9.575 | 9.575 | 0.000 | 177735597 | 95.8 | | | |
| 2 | 2 | 10.253 | 10.253 | 0.000 | 81042542 | 95.7 | | | |
| | | | | | | | RPD = | 0.11 | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|------|-------|------|--|
| 1 | 1 | 10.773 | 10.773 | 0.000 | 129500983 | 91.5 | | | |
| 2 | 2 | 11.571 | 11.571 | 0.000 | 89165147 | 93.0 | | | |
| | | | | | | | RPD = | 1.61 | |

Report Date: 12-Oct-2011 12:22:51

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4849.D

Injection Date: 12-Oct-2011 11:58:56

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

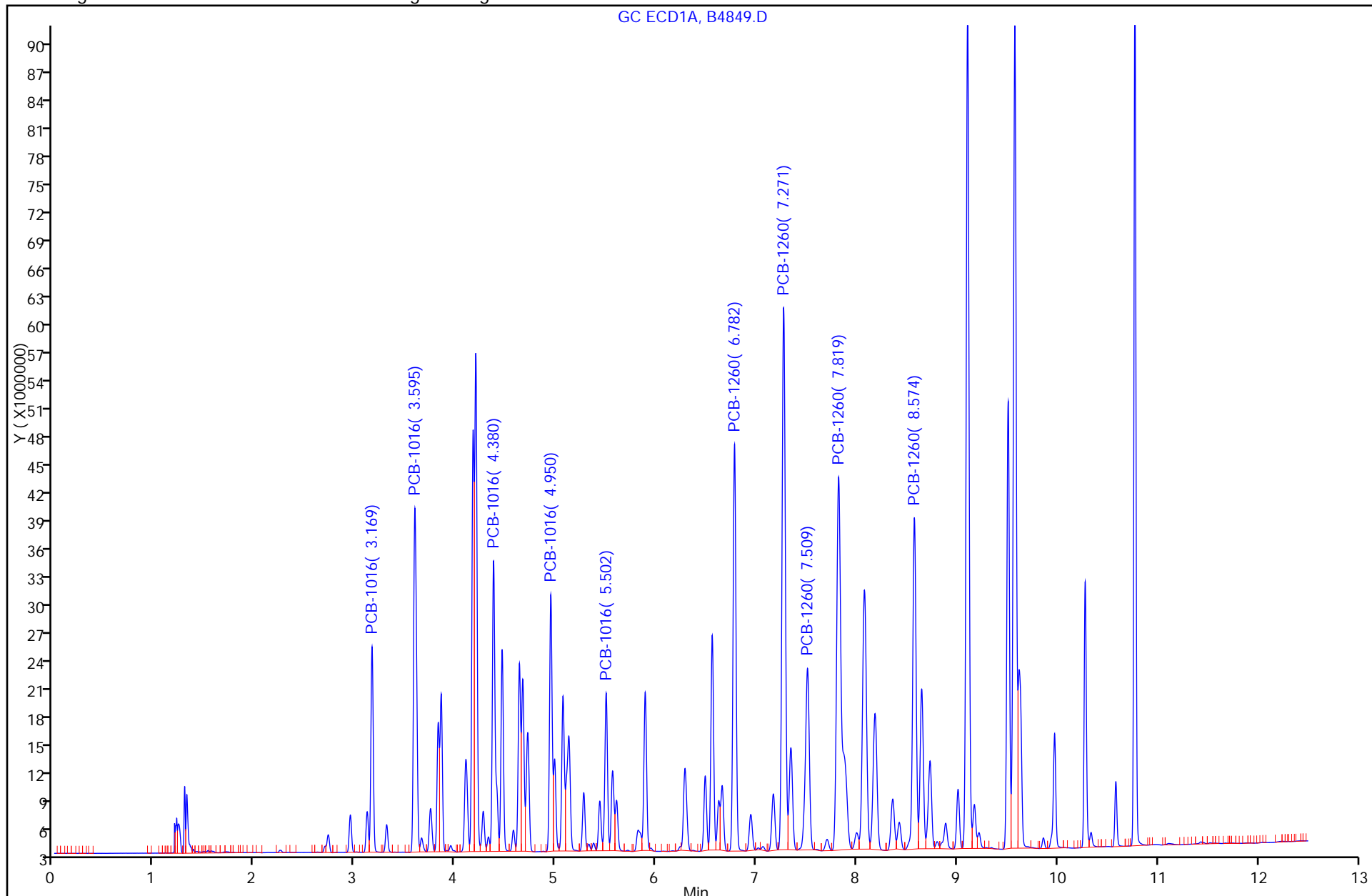
Lims Batch ID: 88023

Lims Sample ID: 7

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Lab Sample ID: CCV1500 510-88023/20 Calibration Date: 10/12/2011 15:45
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53 (mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B4862.D Conc. Units: ug/L

| ANALYTE | CURVE TYPE | AVE CF | CF | MIN CF | CALC AMOUNT | SPIKE AMOUNT | %D | MAX %D |
|------------------------|------------|--------|---------|--------|-------------|--------------|------|--------|
| PCB-1016 Peak 1 | Qua2 | | 34703 | | 1420 | 1500 | -5.0 | 15.0 |
| PCB-1016 Peak 2 | Qua2 | | 74471 | | 1410 | 1500 | -6.1 | 15.0 |
| PCB-1016 Peak 3 | Qua2 | | 61227 | | 1450 | 1500 | -3.4 | 15.0 |
| PCB-1016 Peak 4 | Qua2 | | 47764 | | 1440 | 1500 | -3.9 | 15.0 |
| PCB-1016 Peak 5 | Qua2 | | 30142 | | 1440 | 1500 | -4.3 | 15.0 |
| PCB-1260 Peak 1 | Qua2 | | 85879 | | 1430 | 1500 | -4.7 | 15.0 |
| PCB-1260 Peak 2 | Qua2 | | 130315 | | 1440 | 1500 | -4.2 | 15.0 |
| PCB-1260 Peak 3 | Qua2 | | 53082 | | 1470 | 1500 | -2.2 | 15.0 |
| PCB-1260 Peak 4 | Qua2 | | 136418 | | 1450 | 1500 | -3.2 | 15.0 |
| PCB-1260 Peak 5 | Qua2 | | 80881 | | 1440 | 1500 | -3.8 | 15.0 |
| Dibutylchloroendate | Qua2 | | 1931159 | | 103 | 100 | 2.7 | 15.0 |
| DCB Decachlorobiphenyl | Qua2 | | 1298607 | | 91.7 | 100 | -8.3 | 15.0 |

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Lab Sample ID: CCV1500 510-88023/20 Calibration Date: 10/12/2011 15:45
 Instrument ID: SGCA Calib Start Date: 10/11/2011 13:25
 GC Column: 8082/608 ID: 0.53(mm) Calib End Date: 10/11/2011 15:28
 Lab File ID: B4862.D

| Analyte | RT | RT WINDOW | |
|------------------------|-------|-----------|-------|
| | | TO | FROM |
| PCB-1016 Peak 1 | 3.16 | 3.06 | 3.26 |
| PCB-1016 Peak 2 | 3.58 | 3.48 | 3.68 |
| PCB-1016 Peak 3 | 4.37 | 4.27 | 4.47 |
| PCB-1016 Peak 4 | 4.94 | 4.84 | 5.04 |
| PCB-1016 Peak 5 | 5.49 | 5.39 | 5.59 |
| PCB-1260 Peak 1 | 6.77 | 6.67 | 6.87 |
| PCB-1260 Peak 2 | 7.26 | 7.16 | 7.36 |
| PCB-1260 Peak 3 | 7.50 | 7.40 | 7.60 |
| PCB-1260 Peak 4 | 7.80 | 7.70 | 7.90 |
| PCB-1260 Peak 5 | 8.56 | 8.46 | 8.66 |
| Dibutylchloroendate | 9.57 | 9.47 | 9.67 |
| DCB Decachlorobiphenyl | 10.77 | 10.67 | 10.87 |

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4862.D
 Lims ID: ccv1500 Client ID:
 Inject. Date: 12-Oct-2011 15:45:46 Dil. Factor: 1.0000
 Sample Type: CCV
 Sample ID: ccv1500
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 25
 Lims Batch ID: 88023 Lims Sample ID: 20
 Sublist: chrom-PCBS*sub13
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111012-5717.b\PCBS.m
 Last Update: 12-Oct-2011 18:24:30 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 12-Oct-2011 18:24:30

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 3.158 | 3.158 | 0.000 | 52054016 | 1424.9 | | 100.0 | |
| 1 | 2 | 3.584 | 3.584 | 0.000 | 111706730 | 1409.2 | 186.9- 246.9 | 214.6 | |
| 1 | 3 | 4.368 | 4.368 | 0.000 | 91839751 | 1449.5 | 143.8- 203.8 | 176.4 | |
| 1 | 4 | 4.938 | 4.938 | 0.000 | 71645625 | 1441.3 | 106.7- 166.7 | 137.6 | |
| 1 | 5 | 5.489 | 5.489 | 0.000 | 45213487 | 1435.7 | 55.8- 115.8 | 86.9 | |
| Average of Peak Amounts = | | | | | | 1432.1 | | | |
| 2 | 6 | 3.698 | 3.698 | 0.000 | 34002265 | 1432.3 | | 100.0 | |
| 2 | 7 | 4.270 | 4.270 | 0.000 | 73613238 | 1415.2 | 189.6- 249.6 | 216.5 | |
| 2 | 8 | 5.153 | 5.153 | 0.000 | 57777555 | 1431.8 | 138.6- 198.6 | 169.9 | |
| 2 | 9 | 5.583 | 5.583 | 0.000 | 27413008 | 1478.8 | 49.7- 109.7 | 80.6 | |
| 2 | 10 | 5.875 | 5.875 | 0.000 | 47083990 | 1444.3 | 108.1- 168.1 | 138.5 | |
| Average of Peak Amounts = | | | | | | 1440.5 | | | |

RPD = 0.58

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.769 | 6.769 | 0.000 | 128817862 | 1430.2 | | 100.0 | |
| 1 | 2 | 7.258 | 7.258 | 0.000 | 195472017 | 1436.9 | 119.7- 179.7 | 151.7 | |
| 1 | 3 | 7.495 | 7.495 | 0.000 | 79623419 | 1466.5 | 29.6- 89.6 | 61.8 | |
| 1 | 4 | 7.804 | 7.804 | 0.000 | 204627059 | 1451.6 | 126.4- 186.4 | 158.8 | |
| 1 | 5 | 8.563 | 8.563 | 0.000 | 121321550 | 1442.9 | 64.1- 124.1 | 94.2 | |
| Average of Peak Amounts = | | | | | | 1445.6 | | | |
| 2 | 6 | 7.828 | 7.828 | 0.000 | 46450553 | 1471.5 | | 100.0 | |
| 2 | 7 | 8.197 | 8.197 | 0.000 | 89608497 | 1444.4 | 163.4- 223.4 | 192.9 | |
| 2 | 8 | 8.627 | 8.627 | 0.000 | 108392758 | 1431.7 | 201.9- 261.9 | 233.4 | |
| 2 | 9 | 9.348 | 9.348 | 0.000 | 81932044 | 1453.8 | 146.4- 206.4 | 176.4 | |
| 2 | 10 | 9.738 | 9.738 | 0.000 | 85302971 | 1422.5 | 153.8- 213.8 | 183.6 | |
| Average of Peak Amounts = | | | | | | 1444.8 | | | |

RPD = 0.06

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 9.568 | 9.568 | 0.000 | 193115906 | 102.7 | | | |
| 2 | 2 | 10.252 | 10.252 | 0.000 | 80514737 | 95.0 | | | |
| | | | | | | | RPD = 7.79 | | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|------|------------|--|--|
| 1 | 1 | 10.768 | 10.768 | 0.000 | 129860650 | 91.7 | | | |
| 2 | 2 | 11.569 | 11.569 | 0.000 | 88145585 | 91.9 | | | |
| | | | | | | | RPD = 0.12 | | |

Report Date: 12-Oct-2011 18:24:30

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4862.D

Injection Date: 12-Oct-2011 15:45:46

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

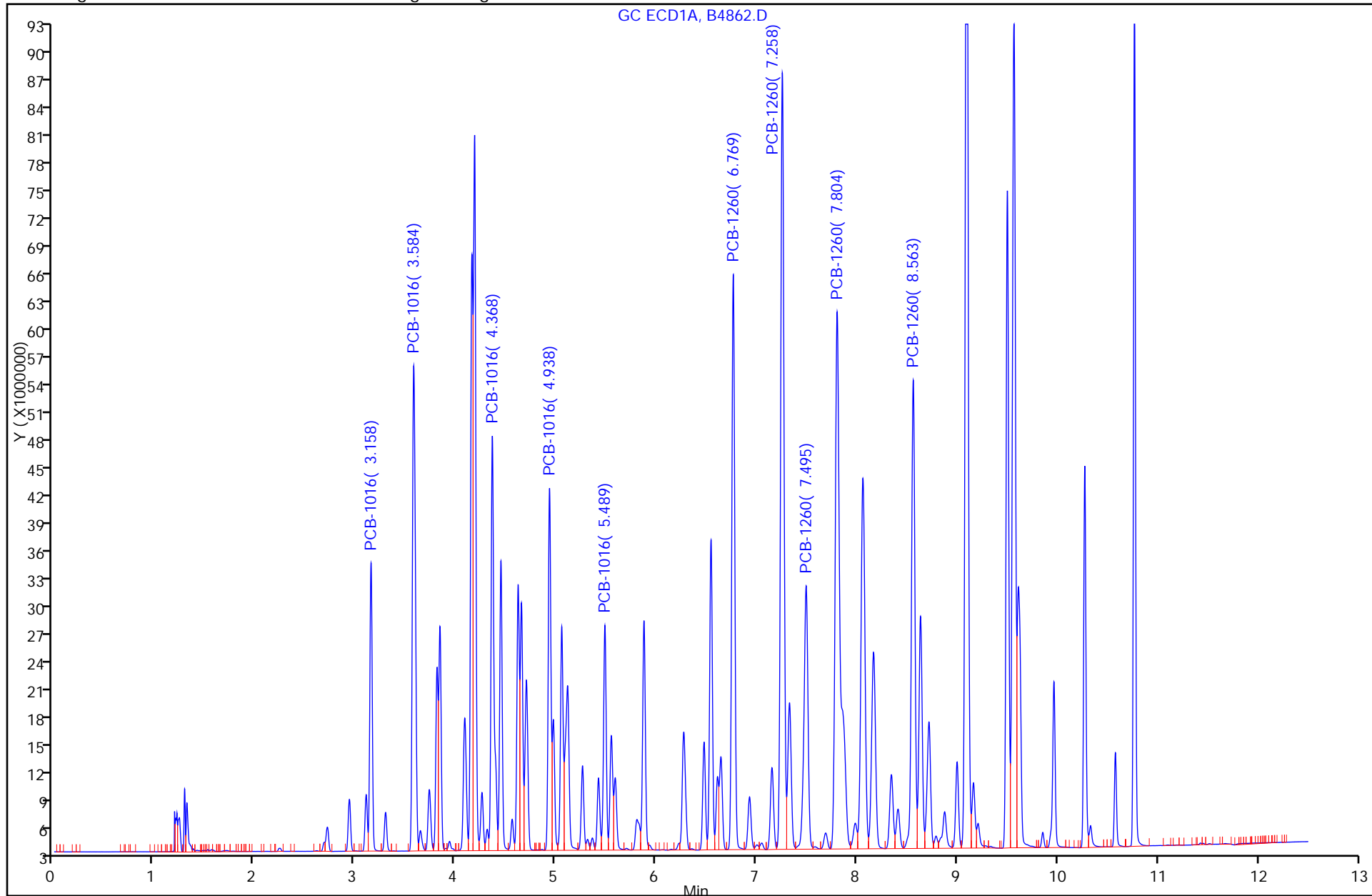
Lims Batch ID: 88023

Lims Sample ID: 20

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 510-88014/1-A
 Matrix: Solid Lab File ID: B4850.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 10/12/2011 08:11
 Sample wt/vol: 15(g) Date Analyzed: 10/12/2011 12:30
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88023 Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|-------|--------|
| 12674-11-2 | PCB-1016 | <0.020 | | 0.020 | 0.0023 |
| 11104-28-2 | PCB-1221 | <0.020 | | 0.020 | 0.0066 |
| 11141-16-5 | PCB-1232 | <0.020 | | 0.020 | 0.0014 |
| 53469-21-9 | PCB-1242 | <0.020 | | 0.020 | 0.0038 |
| 12672-29-6 | PCB-1248 | <0.020 | | 0.020 | 0.0035 |
| 11097-69-1 | PCB-1254 | <0.020 | | 0.020 | 0.0032 |
| 11096-82-5 | PCB-1260 | <0.020 | | 0.020 | 0.0016 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 92 | | 14-147 |
| 1770-80-5 | Dibutylchloredate | 74 | | 10-132 |

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4850.D
 Lims ID: MB 510-88014/1-A Client ID:
 Inject. Date: 12-Oct-2011 12:30:37 Dil. Factor: 1.0000
 Sample Type: MB
 Sample ID: mb 510-88014/1-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 6
 Lims Batch ID: 88023 Lims Sample ID: 8
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111012-5717.b\PCBS.m
 Last Update: 12-Oct-2011 18:24:30 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc

Date: 12-Oct-2011 18:24:44

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
| \$ | | | | | | | | | 1 |
| | 1 | | 0.0 | | | | | | |
| | | | | | | | | | 1 |
| | 1 | | 0.0 | | | | | | |
| | | | | | | | | | |
| | 1 | | 2.247 | | | | | | |
| | 1 | 2 | 2.941 | | | | | | |
| | 1 | 3 | 3.108 | | | | | | |
| | 1 | 4 | 3.156 | | | | | | |
| | 1 | 5 | 4.366 | | | | | | |
| | 2 | 6 | 2.501 | | | | | | |
| | 2 | 7 | 2.927 | | | | | | |
| | 2 | 8 | 3.422 | | | | | | |
| | 2 | 9 | 3.613 | | | | | | |
| | 2 | 10 | 3.697 | | | | | | |

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4850.D

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-------------|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
| 7 PCB-1232 | | | | | | | | | |
| 1 | 1 | | 2.942 | | | | | | |
| 1 | 2 | | 3.158 | | | | | | |
| 1 | 3 | | 3.583 | | | | | | |
| 1 | 4 | | 4.367 | | | | | | |
| 1 | 5 | | 4.453 | | | | | | |
| 2 | 6 | | 2.502 | | | | | | |
| 2 | 7 | | 3.698 | | | | | | |
| 2 | 8 | | 4.269 | | | | | | |
| 2 | 9 | | 5.153 | | | | | | |
| 2 | 10 | | 5.874 | | | | | | |
| 4 PCB-1016 | | | | | | | | | |
| 1 | 1 | | 3.158 | | | | | | |
| 1 | 2 | | 3.583 | | | | | | |
| 1 | 3 | | 4.366 | | | | | | |
| 1 | 4 | | 4.937 | | | | | | |
| 1 | 5 | | 5.488 | | | | | | |
| 2 | 6 | | 3.698 | | | | | | |
| 2 | 7 | | 4.269 | | | | | | |
| 2 | 8 | | 5.152 | | | | | | |
| 2 | 9 | | 5.583 | | | | | | |
| 2 | 10 | | 5.874 | | | | | | |
| 10 PCB-1242 | | | | | | | | | |
| 1 | 1 | | 3.159 | | | | | | |
| 1 | 2 | | 3.585 | | | | | | |
| 1 | 3 | | 4.454 | | | | | | |
| 1 | 4 | | 5.118 | | | | | | |
| 1 | 5 | | 5.594 | | | | | | |
| 2 | 6 | | 3.699 | | | | | | |
| 2 | 7 | | 4.271 | | | | | | |
| 2 | 8 | | 5.153 | | | | | | |
| 2 | 9 | | 6.544 | | | | | | |
| 2 | 10 | | 6.928 | | | | | | |
| 6 PCB-1248 | | | | | | | | | |
| 1 | 1 | | 3.584 | | | | | | |
| 1 | 2 | | 4.192 | | | | | | |
| 1 | 3 | | 5.061 | | | | | | |
| 1 | 4 | | 5.594 | | | | | | |
| 1 | 5 | | 6.479 | | | | | | |
| 2 | 6 | | 4.270 | | | | | | |
| 2 | 7 | | 5.151 | | | | | | |
| 2 | 8 | | 5.875 | | | | | | |
| 2 | 9 | | 6.544 | | | | | | |
| 2 | 10 | | 6.930 | | | | | | |

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

9 PCB-1254

| | | |
|---|----|-------|
| 1 | 1 | 5.553 |
| 1 | 2 | 6.292 |
| 1 | 3 | 6.477 |
| 1 | 4 | 6.928 |
| 1 | 5 | 7.805 |
| 2 | 6 | 6.540 |
| 2 | 7 | 6.854 |
| 2 | 8 | 7.751 |
| 2 | 9 | 8.270 |
| 2 | 10 | 9.218 |

11 PCB-1260

| | | |
|---|----|-------|
| 1 | 1 | 6.768 |
| 1 | 2 | 7.258 |
| 1 | 3 | 7.494 |
| 1 | 4 | 7.804 |
| 1 | 5 | 8.562 |
| 2 | 6 | 7.827 |
| 2 | 7 | 8.195 |
| 2 | 8 | 8.627 |
| 2 | 9 | 9.348 |
| 2 | 10 | 9.738 |

\$ 3 Dibutylchloroendate

| | | | | | | |
|---|---|--------|--------|-------|-----------|------|
| 1 | 1 | 9.580 | 9.568 | 0.012 | 132611571 | 74.4 |
| 2 | 2 | 10.254 | 10.251 | 0.003 | 82892410 | 98.0 |

RPD = 27.46

\$ 2 DCB Decachlorobiphenyl

| | | | | | | |
|---|---|--------|--------|-------|-----------|------|
| 1 | 1 | 10.775 | 10.768 | 0.007 | 130052327 | 91.9 |
| 2 | 2 | 11.571 | 11.569 | 0.002 | 88738561 | 92.5 |

RPD = 0.67

QC Flag Legend

Processing Flags

1 - Missing Peaks

Report Date: 12-Oct-2011 18:24:44

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4850.D

Injection Date: 12-Oct-2011 12:30:37

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

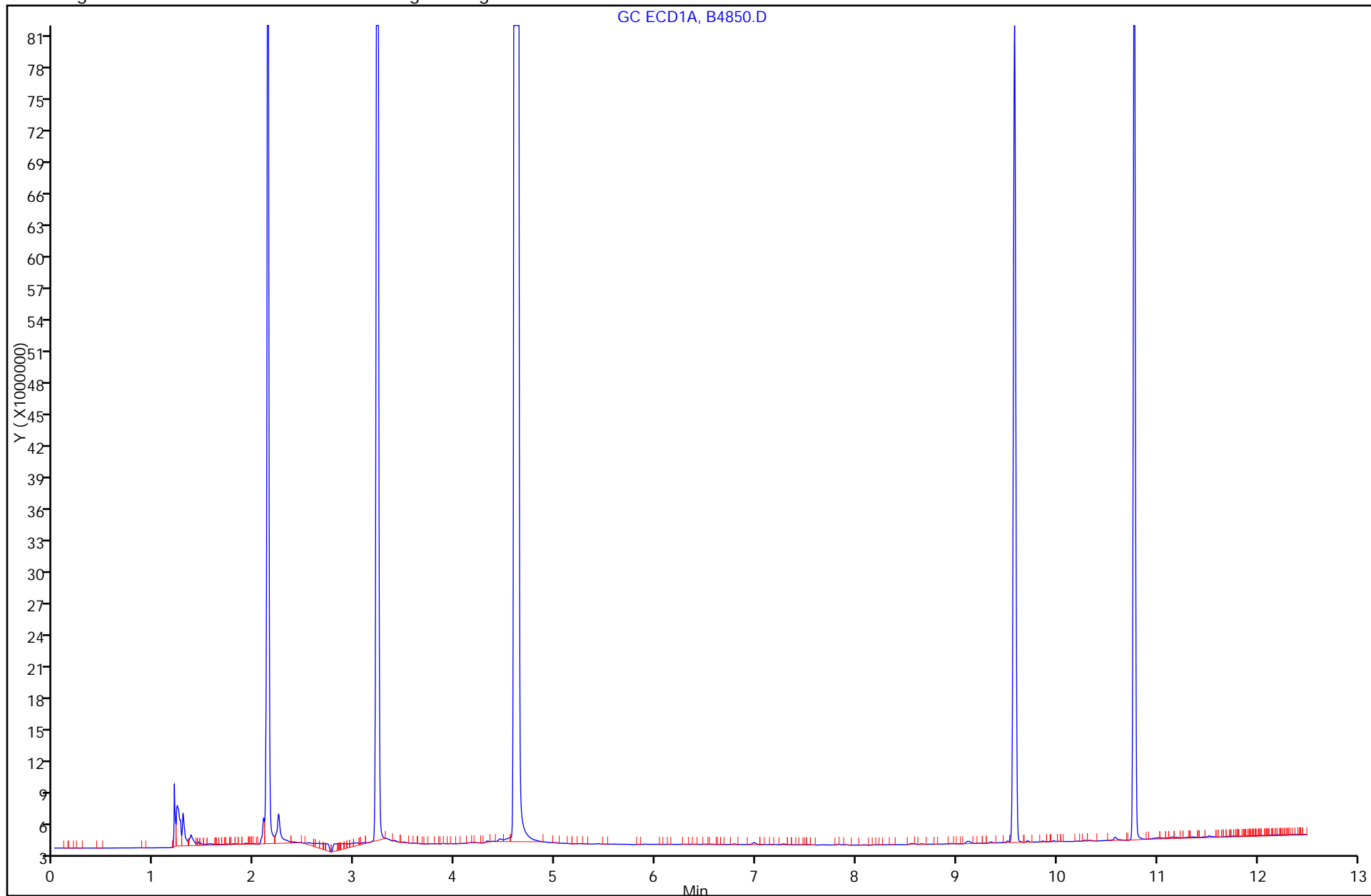
Lims Batch ID: 88023

Lims Sample ID: 8

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 510-88014/2-A
 Matrix: Solid Lab File ID: B4851.D
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3546 Date Extracted: 10/12/2011 08:11
 Sample wt/vol: 15(g) Date Analyzed: 10/12/2011 12:45
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: 8082/608 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88023 Units: mg/Kg

| CAS NO. | COMPOUND NAME | RESULT | Q | RL | MDL |
|------------|---------------|--------|---|-------|--------|
| 12674-11-2 | PCB-1016 | 0.330 | | 0.020 | 0.0023 |
| 11096-82-5 | PCB-1260 | 0.343 | | 0.020 | 0.0016 |

| CAS NO. | SURROGATE | %REC | Q | LIMITS |
|-----------|------------------------|------|---|--------|
| 2051-24-3 | DCB Decachlorobiphenyl | 101 | | 14-147 |
| 1770-80-5 | Dibutylchloredate | 85 | | 10-132 |

TestAmerica Laboratories
Target Compound Quantitation Report

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4851.D
 Lims ID: LCS 510-88014/2-A Client ID:
 Inject. Date: 12-Oct-2011 12:45:47 Dil. Factor: 1.0000
 Sample Type: LCS
 Sample ID: lcs 510-88014/2-a
 Misc. Info.:
 Operator: Instrument ID: SGCA
 Vol. Injected: 1.0000 ALS Bottle#: 7
 Lims Batch ID: 88023 Lims Sample ID: 9
 Detector 1 : GC ECD1A
 Detector 2 : GC ECD2B
 Method: \\valsvr08\ChromData\SGCA\20111012-5717.b\PCBS.m
 Last Update: 12-Oct-2011 18:24:30 Calib Date: 11-Oct-2011 16:44:21
 Quant Method: External Standard Quant By: Initial Calibration
 Last ICal File: \\valsvr08\ChromData\SGCA\20111011-5714.b\B4816.D
 Limit Group: SGC - 1 - 8082 CAL
 Integrator: Falcon
 Process Host: VAL-SMS-LAB3

First Level Reviewer: iversc Date: 12-Oct-2011 18:25:02

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|
|-----|-----|----|--------|--------|----------|-----------------|-------------|-------|-------|

4 PCB-1016

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|----------|--------|--------------|-------|--|
| 1 | 1 | 3.158 | 3.158 | 0.000 | 35070472 | 945.0 | | 100.0 | |
| 1 | 2 | 3.584 | 3.583 | 0.001 | 79632080 | 986.6 | 186.9- 246.9 | 227.1 | |
| 1 | 3 | 4.367 | 4.366 | 0.001 | 65484960 | 1025.6 | 143.8- 203.8 | 186.7 | |
| 1 | 4 | 4.938 | 4.937 | 0.001 | 50221447 | 1000.7 | 106.7- 166.7 | 143.2 | |
| 1 | 5 | 5.489 | 5.488 | 0.001 | 31458306 | 986.3 | 55.8- 115.8 | 89.7 | |
| Average of Peak Amounts = | | | | | | 988.8 | | | |
| 2 | 6 | 3.698 | 3.698 | 0.000 | 23309632 | 951.5 | | 100.0 | |
| 2 | 7 | 4.269 | 4.269 | 0.000 | 53076234 | 993.7 | 189.6- 249.6 | 227.7 | |
| 2 | 8 | 5.152 | 5.152 | 0.000 | 41548316 | 992.9 | 138.6- 198.6 | 178.2 | |
| 2 | 9 | 5.584 | 5.583 | 0.001 | 19939714 | 1044.4 | 49.7- 109.7 | 85.5 | |
| 2 | 10 | 5.874 | 5.874 | 0.000 | 33564116 | 1004.4 | 108.1- 168.1 | 144.0 | |
| Average of Peak Amounts = | | | | | | 997.4 | | | |

RPD = 0.86

11 PCB-1260

| | | | | | | | | | |
|---------------------------|----|-------|-------|-------|-----------|--------|--------------|-------|--|
| 1 | 1 | 6.770 | 6.768 | 0.002 | 92248228 | 1014.5 | | 100.0 | |
| 1 | 2 | 7.259 | 7.258 | 0.001 | 143328507 | 1046.6 | 119.7- 179.7 | 155.4 | |
| 1 | 3 | 7.496 | 7.494 | 0.002 | 56477675 | 1043.2 | 29.6- 89.6 | 61.2 | |
| 1 | 4 | 7.805 | 7.804 | 0.001 | 157692124 | 1118.2 | 126.4- 186.4 | 170.9 | |
| 1 | 5 | 8.564 | 8.562 | 0.002 | 78196593 | 927.9 | 64.1- 124.1 | 84.8 | |
| Average of Peak Amounts = | | | | | | 1030.1 | | | |
| 2 | 6 | 7.827 | 7.827 | 0.000 | 31366773 | 986.4 | | 100.0 | |
| 2 | 7 | 8.195 | 8.195 | 0.000 | 64496175 | 1022.1 | 163.4- 223.4 | 205.6 | |
| 2 | 8 | 8.627 | 8.627 | 0.000 | 78242996 | 1008.3 | 201.9- 261.9 | 249.4 | |
| 2 | 9 | 9.348 | 9.348 | 0.000 | 50580808 | 884.1 | 146.4- 206.4 | 161.3 | |
| 2 | 10 | 9.738 | 9.738 | 0.000 | 56789153 | 922.0 | 153.8- 213.8 | 181.0 | |
| Average of Peak Amounts = | | | | | | 964.6 | | | |

RPD = 6.57

| Det | Sig | RT | EXP RT | DLT RT | Response | On-Col Amt ug/L | Ratio Range | Ratio | Flags |
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|
|-----|-----|----|-----------|-----------|----------|--------------------|-------------|-------|-------|

\$ 3 Dibutylchlorendate

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|------|------------|--|--|
| 1 | 1 | 9.569 | 9.568 | 0.001 | 153519994 | 84.5 | | | |
| 2 | 2 | 10.251 | 10.251 | 0.000 | 73091258 | 85.7 | | | |
| | | | | | | | RPD = 1.44 | | |

\$ 2 DCB Decachlorobiphenyl

| | | | | | | | | | |
|---|---|--------|--------|-------|-----------|-------|------------|--|--|
| 1 | 1 | 10.769 | 10.768 | 0.001 | 142464300 | 100.8 | | | |
| 2 | 2 | 11.569 | 11.569 | 0.000 | 96504855 | 101.0 | | | |
| | | | | | | | RPD = 0.15 | | |

Report Date: 12-Oct-2011 18:25:02

Chrom Revision: 1.2 13-Jul-2011 10:43:06

Data File: \\valsvr08\ChromData\SGCA\20111012-5717.b\B4851.D

Injection Date: 12-Oct-2011 12:45:47

Limit Group: SGC - 1 - 8082 CAL

Client ID:

Instrument ID: SGCA

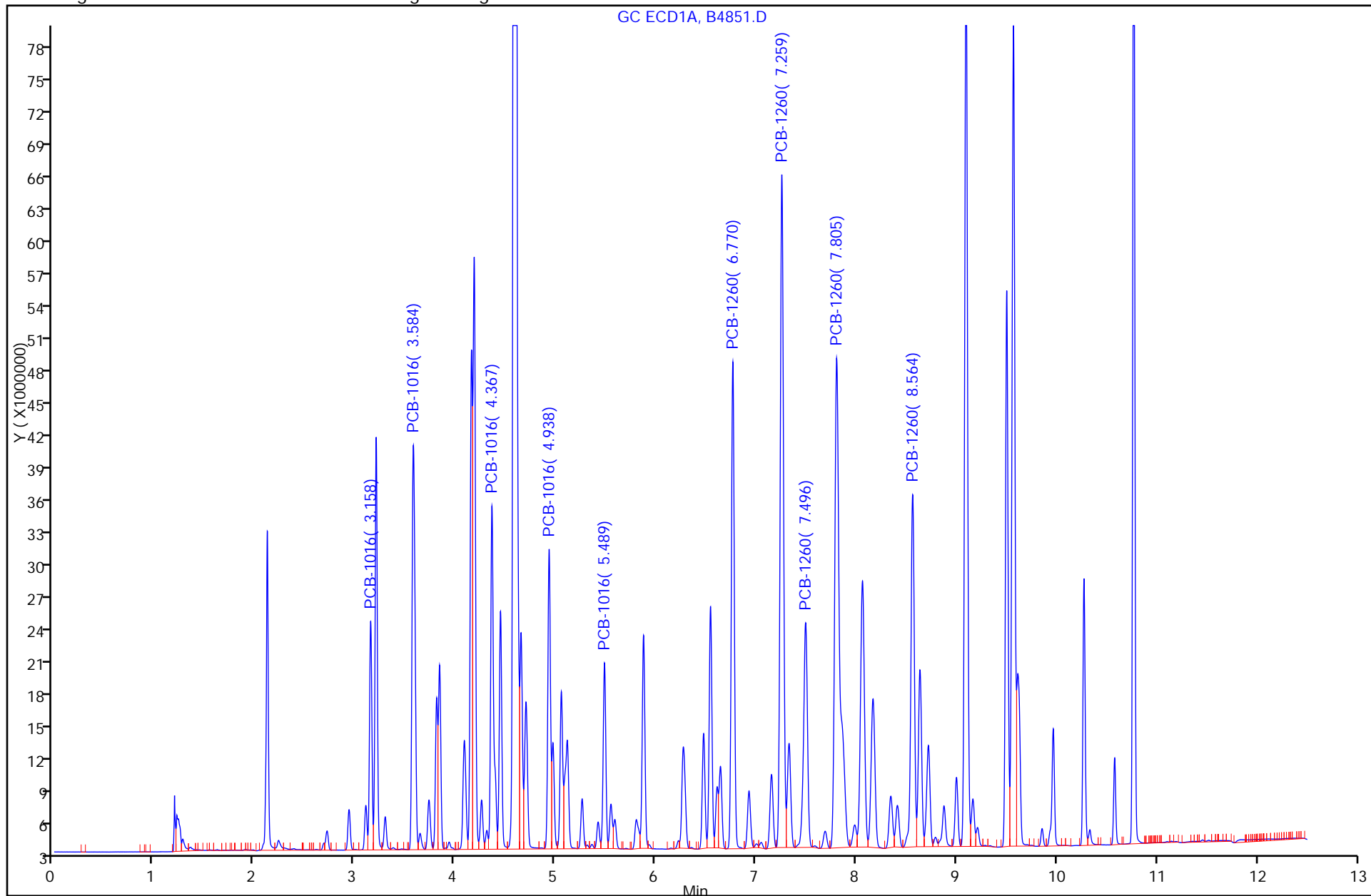
Lims Batch ID: 88023

Lims Sample ID: 9

Operator ID:

Injection Vol: 1.00 ul

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Instrument ID: SGCA Start Date: 10/11/2011 13:25

Analysis Batch Number: 87982 End Date: 10/11/2011 20:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|-------------------------|------------------|------------------|-----------------|-------------|----------------------|
| STD20 510-87982/1 IC | | 10/11/2011 13:25 | 1 | B4803.D | 8082/608 0.53 (mm) |
| STD20 510-87982/1 IC | | 10/11/2011 13:25 | 1 | | 8082/608V2 0.53 (mm) |
| STD50 510-87982/2 IC | | 10/11/2011 13:40 | 1 | B4804.D | 8082/608 0.53 (mm) |
| STD50 510-87982/2 IC | | 10/11/2011 13:40 | 1 | | 8082/608V2 0.53 (mm) |
| STD100 510-87982/3 IC | | 10/11/2011 13:55 | 1 | B4805.D | 8082/608 0.53 (mm) |
| STD100 510-87982/3 IC | | 10/11/2011 13:55 | 1 | | 8082/608V2 0.53 (mm) |
| STD250 510-87982/4 IC | | 10/11/2011 14:11 | 1 | B4806.D | 8082/608 0.53 (mm) |
| STD250 510-87982/4 IC | | 10/11/2011 14:11 | 1 | | 8082/608V2 0.53 (mm) |
| STD500 510-87982/5 IC | | 10/11/2011 14:26 | 1 | B4807.D | 8082/608 0.53 (mm) |
| STD500 510-87982/5 IC | | 10/11/2011 14:26 | 1 | | 8082/608V2 0.53 (mm) |
| STD1000 510-87982/6 IC | | 10/11/2011 14:41 | 1 | B4808.D | 8082/608 0.53 (mm) |
| STD1000 510-87982/6 IC | | 10/11/2011 14:41 | 1 | | 8082/608V2 0.53 (mm) |
| STD1500 510-87982/7 IC | | 10/11/2011 14:57 | 1 | B4809.D | 8082/608 0.53 (mm) |
| STD1500 510-87982/7 IC | | 10/11/2011 14:57 | 1 | | 8082/608V2 0.53 (mm) |
| STD2000 510-87982/8 IC | | 10/11/2011 15:12 | 1 | B4810.D | 8082/608 0.53 (mm) |
| STD2000 510-87982/8 IC | | 10/11/2011 15:12 | 1 | | 8082/608V2 0.53 (mm) |
| STD3000 510-87982/9 IC | | 10/11/2011 15:28 | 1 | B4811.D | 8082/608 0.53 (mm) |
| STD3000 510-87982/9 IC | | 10/11/2011 15:28 | 1 | | 8082/608V2 0.53 (mm) |
| STD1221 510-87982/10 IC | | 10/11/2011 15:43 | 1 | B4812.D | 8082/608 0.53 (mm) |
| STD1221 510-87982/10 IC | | 10/11/2011 15:43 | 1 | | 8082/608V2 0.53 (mm) |
| STD1232 510-87982/11 IC | | 10/11/2011 15:58 | 1 | B4813.D | 8082/608 0.53 (mm) |
| STD1232 510-87982/11 IC | | 10/11/2011 15:58 | 1 | | 8082/608V2 0.53 (mm) |
| STD1242 510-87982/12 IC | | 10/11/2011 16:13 | 1 | B4814.D | 8082/608 0.53 (mm) |
| STD1242 510-87982/12 IC | | 10/11/2011 16:13 | 1 | | 8082/608V2 0.53 (mm) |
| STD1248 510-87982/13 IC | | 10/11/2011 16:29 | 1 | B4815.D | 8082/608 0.53 (mm) |
| STD1248 510-87982/13 IC | | 10/11/2011 16:29 | 1 | | 8082/608V2 0.53 (mm) |
| STD1254 510-87982/14 IC | | 10/11/2011 16:44 | 1 | B4816.D | 8082/608 0.53 (mm) |
| STD1254 510-87982/14 IC | | 10/11/2011 16:44 | 1 | | 8082/608V2 0.53 (mm) |
| ICV 510-87982/15 | | 10/11/2011 16:59 | 1 | | 8082/608 0.53 (mm) |
| ICV 510-87982/15 | | 10/11/2011 16:59 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1500 510-87982/16 | | 10/11/2011 17:15 | 1 | | 8082/608 0.53 (mm) |
| CCV1500 510-87982/16 | | 10/11/2011 17:15 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 17:36 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 17:36 | 1 | | 8082/608V2 0.53 (mm) |

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Instrument ID: SGCA Start Date: 10/11/2011 13:25

Analysis Batch Number: 87982 End Date: 10/11/2011 20:40

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|----------------------|------------------|------------------|-----------------|-------------|----------------------|
| ZZZZZ | | 10/11/2011 17:51 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 17:51 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:06 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:06 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:21 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:21 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:37 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:37 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:52 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 18:52 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:08 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:08 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:23 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:23 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:38 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:38 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:53 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 19:53 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 20:09 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 20:09 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/11/2011 20:24 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/11/2011 20:24 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1000 510-87982/29 | | 10/11/2011 20:40 | 1 | | 8082/608 0.53 (mm) |
| CCV1000 510-87982/29 | | 10/11/2011 20:40 | 1 | | 8082/608V2 0.53 (mm) |

PCBS ANALYSIS RUN LOG

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Instrument ID: SGCA Start Date: 10/12/2011 10:18

Analysis Batch Number: 88023 End Date: 10/12/2011 16:00

| LAB SAMPLE ID | CLIENT SAMPLE ID | DATE ANALYZED | DILUTION FACTOR | LAB FILE ID | COLUMN ID |
|----------------------|---------------------------|------------------|-----------------|-------------|----------------------|
| CCV1500 510-88023/1 | | 10/12/2011 10:18 | 1 | | 8082/608 0.53 (mm) |
| CCV1500 510-88023/1 | | 10/12/2011 10:18 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1242 510-88023/2 | | 10/12/2011 10:34 | 1 | | 8082/608 0.53 (mm) |
| CCV1242 510-88023/2 | | 10/12/2011 10:34 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1248 510-88023/3 | | 10/12/2011 10:49 | 1 | | 8082/608 0.53 (mm) |
| CCV1248 510-88023/3 | | 10/12/2011 10:49 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1254 510-88023/4 | | 10/12/2011 11:04 | 1 | | 8082/608 0.53 (mm) |
| CCV1254 510-88023/4 | | 10/12/2011 11:04 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 11:20 | 5 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 11:20 | 5 | | 8082/608V2 0.53 (mm) |
| CCV1000 510-88023/6 | | 10/12/2011 11:37 | 1 | | 8082/608 0.53 (mm) |
| CCV1000 510-88023/6 | | 10/12/2011 11:37 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1000 510-88023/7 | | 10/12/2011 11:58 | 1 | B4849.D | 8082/608 0.53 (mm) |
| CCV1000 510-88023/7 | | 10/12/2011 11:58 | 1 | | 8082/608V2 0.53 (mm) |
| MB 510-88014/1-A | | 10/12/2011 12:30 | 1 | B4850.D | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 12:30 | 1 | | 8082/608V2 0.53 (mm) |
| LCS 510-88014/2-A | | 10/12/2011 12:45 | 1 | B4851.D | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 12:45 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:00 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:00 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:15 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:15 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:31 | 1 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:31 | 1 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:46 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 13:46 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:02 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:02 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:28 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:28 | 10 | | 8082/608V2 0.53 (mm) |
| 510-70413-5 DL | SB0058:Field Duplicate DL | 10/12/2011 14:44 | 10 | B4858.D | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:44 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:59 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 14:59 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 15:15 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 15:15 | 10 | | 8082/608V2 0.53 (mm) |
| ZZZZZ | | 10/12/2011 15:30 | 10 | | 8082/608 0.53 (mm) |
| ZZZZZ | | 10/12/2011 15:30 | 10 | | 8082/608V2 0.53 (mm) |
| CCV1500 510-88023/20 | | 10/12/2011 15:45 | 1 | B4862.D | 8082/608 0.53 (mm) |
| CCV1500 510-88023/20 | | 10/12/2011 15:45 | 1 | | 8082/608V2 0.53 (mm) |
| CCV1500 510-88023/21 | | 10/12/2011 16:00 | 1 | | 8082/608 0.53 (mm) |
| CCV1500 510-88023/21 | | 10/12/2011 16:00 | 1 | | 8082/608V2 0.53 (mm) |

PCBS BATCH WORKSHEET

Lab Name: TestAmerica Valparaiso Job No.: 510-70413-2

SDG No.: _____

Batch Number: 88014 Batch Start Date: 10/12/11 08:11 Batch Analyst: Page, Sarah N

Batch Method: 3546 Batch End Date: _____

| Lab Sample ID | Client Sample ID | Method Chain | Basis | InitialAmount | FinalAmount | SGPCBSKWWS 00026 | SGPCBSSWWS 00031 | | |
|-----------------|---------------------------|--------------|-------|---------------|-------------|---------------------|---------------------|--|--|
| MB 510-88014/1 | | 3546, 8082 | | 15 g | 5 mL | | 250 uL | | |
| LCS 510-88014/2 | | 3546, 8082 | | 15 g | 5 mL | 250 uL | 250 uL | | |
| 510-70413-J-5 | SB0058:Field Duplicate | 3546, 8082 | T | 15.81 g | 5 mL | | 250 uL | | |

| Batch Notes | |
|--------------------------------|----------------|
| Balance ID | 37912 |
| Hexane Lot# | ophexr_00078 |
| Na2SO4 Lot Number | opna2so4_00020 |
| Ottawa Sand Lot # | opsand_00006 |
| Person's name who did the prep | Sarah Page |
| Water Bath Temperature | 33, 34 |

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

Shipping and Receiving Documents

| | | | |
|--|--|---|--|
| Client Information Client Contact: Jodi Slough Ed Stefaneck/Jodi Slough Company: Weaver Boos Consultants LLC Address: 4085 Meghan Beeler Court City: South Bend State, Zip: IN, 46628 Phone: 574-271-3447 Email: estefaneck@weaverboos.com / jslough@weaverboos.com Project Name: South Bend Former Studebaker Foundry Site: South Bend Former Studebaker Foundry | | Sampler: Jodi Slough Phone: 574 952 5880 Lab PM: Kintz, Robin M E-Mail: robinm.kintz@testamericainc.com Carmer Tracking No(s): COC No: 510-14134 1 Page: Job #: Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Anchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other: M - Hexane N - None O - AsNaO2 P - Na2D4S Q - Na2SO3 R - Na2S2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - ph 4-5 Z - other (specify) | |
| Due Date Requested: TAT Requested (days): PO #: 0058-353-01 WO #: Project #: 51001692 SSOW#: | | Analysis Requested 8270C, 8270C-SIM - BNAs 6020, 7470 - Metals 8082 - PCBs 8268B - VOCs 8016 - TPH GRO 8015 - TPH ERO 8268B - VOCs (Trip Blanks) Total/Free Cyanide Total Number of Containers: | |
| Sample Identification 70413 SB005B: TP79: 000000 SB005B: TP79: 040050 SB005B: TP80: 000000 SB005B: TP80: 040050 SB005B: Field Duplicate SB005B: MS/MSD SB005B: TP81: 000000 SB005B: TP81: 040050 SB005B: TP82: 000000 SB005B: TP82: 040050 SB005B: Trip Blank | | Field Filtered Sample (Yes or No) Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=Water, S=Solid, O=Soil, A=Air) Preservation Code: 9/23/11 1440 S S 9/23 1445 S S 9/23 1455 S S 9/23 1505 S S 9/23 1500 S S 9/23 1510 S S 9/23 1520 S S 9/23 1535 S S 9/23 1540 S S 9/23 066 S S | |
| Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested I, II, III, IV Other (specify) | | Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input checked="" type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements: | |
| Empty Kit Relinquished by: JSlough Relinquished by: JSlough Relinquished by: Relinquished by: | | Method of Shipment: _____ Date/Time: 9/24/11 11:00 Date/Time: 9/24/11 11:00 AM Date/Time: _____ Date/Time: _____ | |
| Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.: | | Cooker Temperature(s) °C and Other Remarks: 510-48-172 2.4°C Corrected Temp 2.7°C 510-48-170 2.1°C Corrected Temp 2.4°C | |

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Valparaiso
 2400 Cumberland Drive
 Valparaiso, IN 46383
 Phone: 219-464-2389
 Fax: 219-462-2953

Report To:

Contact: _____
 Company: Wendel Boos
 Address: _____
 Phone: _____
 Fax: _____
 E-Mail: _____

Bill To:

Contact: _____ of _____
 Company: _____
 Address: _____
 Phone: _____
 Fax: _____
 PO#: _____
 Quote: _____

| Sampler Name: | Signature: | Project Number: | Date Required | Hard Copy: | Fax: | Matrix | Comp/Grab | MS-MSD | Client Sample ID | Sampling Date | Sampling Time | RELINQUISHED BY | | DATE | | TIME | RECEIVED BY | COMPANY | DATE | TIME | |
|---------------|------------|-----------------|---------------|------------|------|--------|-----------|--------|---------------------------|---------------|---------------|-----------------|------|---------|------|------|-------------|---------|------|------|--|
| | | | | | | | | | | | | COMPANY | DATE | COMPANY | DATE | | | | | | |
| 10-11 | | | | | | S | 82608 | | Sodium Bisulfate | 9/23/11 | | | | | | | | | | | |
| 10-12 | | | | | | | | | Methanol Blank | | | | | | | | | | | | |
| 10-13 | | | | | | | | | Not Originally in COC DR | 9/23/11 | | | | | | | | | | | |
| 10-14 | | | | | | | | | Trip Blank 2 | 9/23/11 | | | | | | | | | | | |
| 10-15 | | | | | | | | | Sodium Bisulfate/methanol | 9/23/11 | | | | | | | | | | | |
| | | | | | | | | | Blank 2 | | | | | | | | | | | | |
| | | | | | | | | | Trip Blank 3 | 9/23/11 | | | | | | | | | | | |
| | | | | | | | | | Sodium Bisulfate/methanol | 9/23/11 | | | | | | | | | | | |
| | | | | | | | | | Blank 3 | | | | | | | | | | | | |

3 of 3 vials have bubble > 6 mm
 3 of 3 vials have bubble > 6 mm

Shaded Areas For Internal Use Only

Package Sealed: Yes No Samples Sealed: Yes No

Received on Ice: Yes No Samples Intact: Yes No

Temperature °C of Cooler: 18-48-172 2-4-2 Corrected Temp 2-4-2
 510-48-170 2-4-2 Corrected Temp 2-4-2

Within Hold Time: Yes No Preserv. Indicated: Yes No NA

pH Check OK: Yes No Res Cl₂ Check OK: Yes No NA

Sample Labels and COC Agree: Yes No COC not present

Additional Analyses / Remarks

RELINQUISHED BY: _____ DATE: _____ TIME: _____
 RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: [Signature] DATE: 9/24/11 TIME: 1100
 RECEIVED BY: _____ DATE: _____ TIME: _____

COMPANY: _____ COMPANY: _____

Matrix Key
 SE = Sediment
 SO = Solid
 S = Soil
 SL = Sludge
 MS = Miscellaneous
 OL = Oil
 A = Air

Container Key
 1. Plastic
 2. VOA Vial
 3. Sterile Plastic
 4. Amber Glass
 5. Widemouth-Glass
 6. Other

Preservative Key
 1. HCl, Cool to 4°
 2. H2SO4, Cool to 4°
 3. HNO3, Cool to 4°
 4. NaOH, Cool to 4°
 5. NaOH/Zn, Cool to 4°
 6. Cool to 4°
 7. None

Comments: _____

Date Received: _____ / _____ / _____
 Courier: _____
 Hand Delivered:

Bill of Lading: _____

Login Sample Receipt Checklist

Client: Weaver Boos Consultants LLC

Job Number: 510-70413-2

Login Number: 70413
List Number: 1
Creator: Kintz, Robin M

List Source: TestAmerica Valparaiso

| Question | Answer | Comment |
|--|--------|--|
| Radioactivity either was not measured or, if measured, is at or below background | N/A | Lab does not accept radioactive samples. |
| The cooler's custody seal, if present, is intact. | True | |
| 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 | |
| COC is present. | True | |
| COC is filled out in ink and legible. | True | |
| COC is filled out with all pertinent information. | True | |
| Is the Field Sampler's name present on COC? | True | |
| There are no discrepancies between the sample IDs on the containers and the COC. | False | Provided 3 Sodium Bisulfate/Methanol Blanks and 2 extra TBs - were not on COC. |
| Samples are received within Holding Time. | True | |
| Sample containers have legible labels. | True | |
| Containers are not broken or leaking. | True | |
| Sample collection date/times are provided. | True | |
| Appropriate sample containers are used. | True | |
| Sample bottles are completely filled. | True | |
| Sample Preservation Verified. | True | |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True | |
| VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter. | False | Refer to Job Narrative for details. |
| Multiphasic samples are not present. | True | |
| Samples do not require splitting or compositing. | True | |
| Residual Chlorine Checked. | N/A | Check done at department level as required. |