DATA SUMMARY PACKAGE FOR

TRC ENVIRONMENTAL
WANNALANCIT MILLS
SUITE 200
650 SUFFOLK ST
LOWELL, MA 01854

ANALYTICAL METHOD:

EPA METHOD 8082

DATE: March 10, 2009-B

LRF: 09020120

PROVIDED BY : NORTHEAST ANALYTICAL, INC.
2190 TECHNOLOGY DRIVE
SCHENECTADY, NEW YORK 12308
518-346-4592

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Case Narrative

March 03, 2009

CASE NARRATIVE

This data package (NEA SDG ID: 09020120) consists of 1 soil samples received on 2/18/2009. The sample is from Project Name: CITY OF NEW BEDFORD-115058.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AM01539	SB-353 (1-2.5)	2/16/2009 10:25

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via FEDEX delivery service on 2/18/2009.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) The following cooler temperature was recorded at sample receipt: 0.8 degrees Celsius. Please see Chain of Custody for details.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by method SW-846 8082A using a dual column GC system. Samples were extracted by Soxhlet Extraction Method (EPA - Method 3540C). The following technical and administrative items were noted for the analysis:

All quality assurance parameters were met for the analysis.

Qualifier Summary

(1.) U-Denotes analyte not observed at a concentration greater than the MDL.

Respectfully submitted,

Christina Braidwood
Quality Assurance Manager

S:\Lims Data\0902\09020120\Package\CN_09020120_DCM_Rev00.doc

Sample Chain Of Custody

CHAIN OF CUSTODY RECORD

PAGE 5 OF 5

NORTHEAST ANALYTICAL, INC.
2190 Technology Drive, Schenectady, NY 12308
Telephone (518) 346-4592 Fax (518) 381-6055
www.nealab.com information @nealab.com

LRF # <09020120P1> (090201201)

DISPOSAL REQUIREMENTS: (To be filled in by Client)
- ○ RETURN TO CLIENT
- ● DISPOSAL BY NORTHEAST ANALYTICAL
- ● ARCHIVAL BY NORTHEAST ANALYTICAL

Additional charges incurred for disposal (if hazardous) or archival. Call for details.

CLIENT (REPORTS TO BE SENT TO): TRC

PROJECT#/PROJECT NAME: 115058

PROJECT MANAGER: David Sullivan

PROJECT LOCATION (CITY/STATE) ADDRESS: City of New Bedford

PHONE: (978) - 656 - 3565

SAMPLED BY: (Please Print) C. Foster / K Ketchum

REQUIRED TURN AROUND TIME: 5 day (TRC standard)

SAMPLING FIRM: 650 Suffolk Street Lowell MA, 01854

NAME OF COURIER (IF USED): Fedex

Data Report: ☒ CLP* ☐ Certificates Only

ELECTRONIC RESULTS FORMAT: .PDF ☐ EXCEL (.CSV) ☒

E-MAIL ADDRESS: dsullivan@trcsolutions.com

FAXED RESULTS ☐ FAX #:

ENTER ANALYSIS AND METHOD NUMBER REQUESTED

PRESERVATIVE CODE	Ice							
BOTTLE TYPE:	Glass							
BOTTLE SIZE:	8 oz							

PRESERVATIVE KEY: 0 - NONE; 1 - HCL; 2 - HNO3; 3 - H2SO4; 4 - NaOH; 5 - Zn. Acetate; 6 - MeOH; 7 - NaHSO4; 8 - Other _____

SAMPLE ID	DATE	TIME	MATRIX	GRAB/ COMP	LAB SAMPLE ID (NEA USE ONLY)	NUMBER OF CONTAINERS	PCBs (8082)	PCB Homologs (W)						REMARKS:
SB-353 (1-2.5)	2/16/09	1025	Soil	Grab	AM01539	1	X							

AMBIENT OR CHILLED: TEMP: 0.8

RECEIVED BROKEN OR LEAKING: Y N

COC TAPE: Y N

COC DISCREPANCIES: Y N

PROPERLY PRESERVED: Y N

RECVD W/I HOLDING TIMES: Y N

OTHER NOTES:

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
SIGNATURE 2/17/09	SIGNATURE A. Moore	SIGNATURE	SIGNATURE	SIGNATURE	SIGNATURE
PRINTED NAME	PRINTED NAME A. MOORE	PRINTED NAME	PRINTED NAME	PRINTED NAME	PRINTED NAME
COMPANY	COMPANY NEA	COMPANY	COMPANY	COMPANY	COMPANY
DATE/TIME	DATE/TIME 2/18/09 1109	DATE/TIME	DATE/TIME	DATE/TIME	DATE/TIME

* CLP LIKE DATA PACKAGE ADDITIONAL COST

Internal Sample Tracking Record

PCB SOLID SCREEN SHEET

Batch ID: 7287 **Prepared by: Wayne Reid**

NEA Sample ID	Alt Sample ID	Matrix	Prep Date	Wet Weight (g or mL)	Percent Solids	Dry Weight (g or mL)	Set Volume (mL)	Screen Dilution	Screen Result	Dilution Sequence	Final Multiplier
PBLK-35	AM01524B	Soil	02/20/09	10.094	N/A	10.094	25	25	0.01867302	NA	25x
LCS-35	AM01524L	Soil	02/20/09	10.083	N/A	10.083	25	25	0.63603809	NA	25x
09020120-01	AM01539	Soil	02/20/09	10.125	86.9	8.7986	25	250	0.01151663	NA	25x

Solvent, Surrogate, Spike, and Acid Information B = Blank, L = Lab Control Spike, LD = Lab Control Spike Duplicate, S = Sample, D = Duplicate, M = Matrix Spike, K = Matrix Spike Duplicate

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	þ	þ	¨	þ	¨	¨	¨
Sulfuric Acid (Main Lab)	E49039	NA	NA	þ	þ	¨	þ	¨	¨	¨
Acetone (Dewar)CURRENT	CX858	NA		þ	þ	¨	þ	¨	¨	¨
10% Florisil (Main Lab)	110308MLB1P164A	NA		þ	þ	¨	þ	¨	¨	¨
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	¨	þ	¨	¨	¨	¨	¨
Hexane (Dewar) CURRENT	CY382	NA		þ	þ	¨	þ	¨	¨	¨
0.50PPM TCMX/5.0PPM DCBP in Hexane	012209B026P150B1-10	500	0.500/5.0	þ	þ	¨	þ	¨	¨	¨

COMMENTS: _____

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

PCB SOLID EXTRACTION LOG

Prep Date: 02/20/09 **Batch ID: 7287**

Initial for required Clean Up Steps

	Prep ID	NEA Sample ID	Alt Sample ID	Matrix	pH	Analysis Required	Extract Type / Unit	Cell Num	Sample Amount (g or mL)	Extract Time On - 1	Extract Time Off - 1	Extract Time On - 2	Extract Time Off - 2	Date Acid Cleaned (MM/DD)	Date TBA Cleaned (MM/DD)	Date Florisil Shake (MM/DD)	Date Hg Shake (MM/DD)	Final Ext. Vol (mL)	Date Conc (MM/DD)	Comments
														TJH	TJH	TJH				
1	72986	PBLK-35	AM01524B	Soil		E PCB S	SOX		10.094	12:30	09:30	NA	NA	02/23	02/23	02/23	NA	25	02/23	
2	72987	LCS-35	AM01524L	Soil		E PCB S	SOX		10.083	12:30	09:30	NA	NA	02/23	02/23	02/23	NA	25	02/23	
3	72985	09020120-01	AM01539	Soil		E PCB S	SOX		10.125	12:30	09:30	NA	NA	02/23	02/23	02/23	NA	25	02/23	

Solvent, Surrogate, Spike, and Acid Information

Item	Lot Number	Amount (uL)	Conc (ug/mL)	B	L	LD	S	D	M	K
TBA	060308MLB1P148A	NA	NA	b	b	¨	b	¨	¨	¨
Sulfuric Acid (Main Lab)	E49039	NA	NA	b	b	¨	b	¨	¨	¨
Acetone (Dewar)CURRENT	CX858	NA		b	b	¨	b	¨	¨	¨
10% Florisil (Main Lab)	110308MLB1P164A	NA		b	b	¨	b	¨	¨	¨
Aroclor 1242 @ 12.5PPM SPIKE	121608B026P101A	1000	12.5	¨	b	¨	¨	¨	¨	¨
Hexane (Dewar) CURRENT	CY382	NA		b	b	¨	b	¨	¨	¨
0.50PPM TCMX/5.0PPM DCBP in Hexane	012209B026P150B1-10	500	0.500/5.0	b	b	¨	b	¨	¨	¨

SPIKED BY: Wayne Reid

SIGNATURE: Wayne Reid

WITNESSED BY: Timothy Holton

SIGNATURE: Tim Holton

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

Surrogate % Recovery Summary

2F-1
PCB SURROGATE RECOVERY

Laboratory Name: Northeast Analytical, Inc. SDG: 09020120

ELAP ID No: 11078

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

GC Column (2): PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

LRF ID	LAB SAMPLE ID	LAB FILE ID	SURR 1 (Col 1) % REC #	SURR 2 (Col 1) % REC #	SURR 1 (Col 2) % REC #	SURR 2 (Col 2) % REC #	OTHER (1)	OTHER (2)	TOTAL OUT
PBLK-35	AM01524B	GC18F-815-5	101	106					0
PBLK-35	AM01524B	GC18B-790-5			93.8	96.7			0
LCS-35	AM01524L	GC18F-815-6	95.8	102					0
LCS-35	AM01524L	GC18B-790-6			88.4	94.3			0
09020120-01	AM01539	GC18F-815-27	105	112					0
09020120-01	AM01539	GC18B-790-27			94.8	98.4			0

Column to be used to flag recovery values

	Advisory QC Limits.
SURR1 = TETRACHLORO-META-XYLENE	(60-140)
SURR2 = DECACHLOROBIPHENYL	(60-140)

Form II-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

LCS Summary

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078

SDG No: 09020120

LCS ID: LCS-35

Blank Sample ID: PBLK-35

LCS File ID: GC18F-815-6

Method Blank File ID: GC18F-815-5

LCS Inj Date: 02/24/2009 18:54:21

Method Blank Inj Date: 02/24/2009 18:21:51

LCS NEA ID No: AM01524L

Method Blank NEA ID No: AM01524B

COMPOUND	SPIKE ADDED (ug/g)	LCS CONCENTRATION (ug/g)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	1.24	1.23	99.5	70.0-130

Column to be used to flag recovery values

* Values outside of QC limits

[1]QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 4.4.2.8

3F-2
LABORATORY CONTROL SPIKE (LCS) RECOVERY

Laboratory Name: Northeast Analytical, Inc.

ELAP ID No: 11078

SDG No: 09020120

LCS ID: LCS-35

Blank Sample ID: PBLK-35

LCS File ID: GC18B-790-6

Method Blank File ID: GC18B-790-5

LCS Inj Date: 02/24/2009 18:54:25

Method Blank Inj Date: 02/24/2009 18:21:55

LCS NEA ID No: AM01524L

Method Blank NEA ID No: AM01524B

COMPOUND	SPIKE ADDED (ug/g)	LCS CONCENTRATION (ug/g)	LCS PERCENT RECOVERY #	QC LIMITS[1] PERCENT RECOVERY
Aroclor 1242	1.24	1.19	95.7	70.0-130

Column to be used to flag recovery values

* Values outside of QC limits

[1]QC Limits based upon laboratory defaults.

Spike Recovery: 0 out of 1 outside limits.

COMMENTS:

Form III-CLP-PCB (NEA)

Nea Lims Version : 4.4.2.8

Method Blank Summary

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	Blank Sample ID:	PBLK-35
Matrix:	SODIUM SULFATE	Method Blank Nea ID No:	AM01524B
Instrument ID:	GC18F	Lab File ID:	GC18F-815-5
Extraction Type:	SOXHLET	Date Extracted:	02/20/2009
GC Column (1):	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	Date Analyzed:	02/24/2009
		Time Analyzed:	18:21:51

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-35(LAB CONTROL SPIKE)	AM01524L	GC18F-815-6	02/24/2009 18:54:21
SB-353 (1-2.5)	AM01539	GC18F-815-27	02/25/2009 06:16:20

FORM IV-CLP-PCB(NEA)

Print date: 3/3/2009
Nea Lims Version : 4.4.2.8

4C-1
PCB METHOD BLANK SUMMARY

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	Blank Sample ID:	PBLK-35
Matrix:	SODIUM SULFATE	Method Blank Nea ID No:	AM01524B
Instrument ID:	GC18B	Lab File ID:	GC18B-790-5
Extraction Type:	SOXHLET	Date Extracted:	02/20/2009
GC Column (1):	PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm	Date Analyzed:	02/24/2009
		Time Analyzed:	18:21:55

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES AND QC:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
LCS-35(LAB CONTROL SPIKE)	AM01524L	GC18B-790-6	02/24/2009 18:54:25
SB-353 (1-2.5)	AM01539	GC18B-790-27	02/25/2009 06:16:24

FORM IV-CLP-PCB(NEA)

Print date: 3/3/2009
Nea Lims Version : 4.4.2.8

Sample Analysis Data

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	LRF ID:	09020120-01
Matrix:	Soil	Client ID:	SB-353 (1-2.5)
Sample wt(Dry)/vol:	8.7986 g	Lab Sample ID:	AM01539
Percent Moisture:	13.1	Date Received:	02/18/2009
Extraction:	SOXHLET	Date Extracted:	02/20/2009
Conc. Extract Volume:	25000 uL	Date Analyzed:	02/25/2009
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
		Sulfur Cleanup:	YES

Column 1 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18F-815-27

Column 2 Information:

GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

Injection Volume: 1.0 uL

Lab File ID: GC18B-790-27

Column Number	CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
1	12674-11-2	Aroclor 1016	0.0568	U
1	11104-28-2	Aroclor 1221	0.0568	U
1	11141-16-5	Aroclor 1232	0.0568	U
1	53469-21-9	Aroclor 1242	0.0568	U
1	12672-29-6	Aroclor 1248	0.0568	U
1	11097-69-1	Aroclor 1254	0.0568	U
1	11096-82-5	Aroclor 1260	0.0568	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

Analytical Sequence

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 09020120

ELAP ID No: 11078

Instrument ID: GC18F Init. Calib. Date(s): 01/14/2009,01/15/2009,01/16/2009

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 5.77 DCBP RT: 24.53

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
01	A1016 20 PPB	011416A	GC18F-786-15	01/14/2009 14:15:46		
02	A1016 100 PPB	011416B	GC18F-786-16	01/14/2009 14:48:16		
03	A1016 250 PPB	011416C	GC18F-786-17	01/14/2009 15:20:47		
04	A1016 500 PPB	011416D	GC18F-786-18	01/14/2009 15:53:18		
05	A1016 1000 PPB	011416E	GC18F-786-19	01/14/2009 16:25:48		
06	A1221 20 PPB	011421A	GC18F-786-20	01/14/2009 16:58:19		
07	A1221 100 PPB	011421B	GC18F-786-21	01/14/2009 17:30:49		
08	A1221 250 PPB	011421C	GC18F-786-22	01/14/2009 18:03:26		
09	A1221 500 PPB	011421D	GC18F-786-23	01/14/2009 18:35:56		
10	A1221 1000 PPB	011421E	GC18F-786-24	01/14/2009 19:08:26		
11	A1232 20 PPB	011432A	GC18F-786-25	01/14/2009 19:40:56		
12	A1232 100 PPB	011432B	GC18F-786-26	01/14/2009 20:13:27		
13	A1232 250 PPB	011432C	GC18F-786-27	01/14/2009 20:45:57		
14	A1232 500 PPB	011432D	GC18F-786-28	01/14/2009 21:18:28		
15	A1232 1000 PPB	011432E	GC18F-786-29	01/14/2009 21:50:58		
16	A1242 20 PPB	011442A	GC18F-786-30	01/14/2009 22:23:28		
17	A1242 100 PPB	011442B	GC18F-786-31	01/14/2009 22:55:57		
18	A1242 250 PPB	011442C	GC18F-786-32	01/14/2009 23:28:27		
19	A1242 500 PPB	011442D	GC18F-786-33	01/15/2009 00:00:57		
20	A1242 1000 PPB	011442E	GC18F-786-34	01/15/2009 00:33:34		
21	A1248 100 PPB	011448B	GC18F-786-36	01/15/2009 01:38:34		
22	A1248 250 PPB	011448C	GC18F-786-37	01/15/2009 02:11:04		
23	A1248 500 PPB	011448D	GC18F-786-38	01/15/2009 02:43:42		
24	A1248 1000 PPB	011448E	GC18F-786-39	01/15/2009 03:16:12		
25	A1254 20 PPB	011454A	GC18F-786-40	01/15/2009 03:48:42	5.77	24.53
26	A1254 100 PPB	011454B	GC18F-786-41	01/15/2009 04:21:11	5.77	24.53
27	A1254 250 PPB	011454C	GC18F-786-42	01/15/2009 04:53:40	5.77	24.53
28	A1254 500 PPB	011454D	GC18F-786-43	01/15/2009 05:26:16	5.77	24.53
29	A1254 1000 PPB	011454E	GC18F-786-44	01/15/2009 05:58:46	5.76	24.53
30	A1260 20 PPB	011460A	GC18F-786-45	01/15/2009 06:31:16		
31	A1260 100 PPB	011460B	GC18F-786-46	01/15/2009 07:03:46		
32	A1260 250 PPB	011460C	GC18F-786-47	01/15/2009 07:36:16		
33	A1260 500 PPB	011460D	GC18F-786-48	01/15/2009 08:08:46		
34	A1260 1000 PPB	011460E	GC18F-786-49	01/15/2009 08:41:15		
35	A1248 20 PPB	011548A	GC18F-786-50	01/15/2009 09:13:44		
36	A1016 500 PPB	CS160114A	GC18F-786-52	01/15/2009 10:18:56	5.77	24.52
37	A1221 500 PPB	CS210114A	GC18F-786-53	01/15/2009 10:51:33	5.77	24.53
38	A1232 500 PPB	CS320114A	GC18F-786-54	01/15/2009 11:24:03	5.77	24.53

FORM VIII-CLP-PCB(NEA)

Print Date: 03/18/2009
Nea Lims Version : 4.4.3.0

8-D-1
PCB ANALYTICAL SEQUENCE

Laboratory Name: Northeast Analytical, Inc. SDG No: 09020120

ELAP ID No: 11078

Instrument ID: GC18B Init. Calib. Date(s): 1/14/2009,1/15/2009,1/16/2009

GC Column (1): PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

THE ANALYTICAL SEQUENCE OF SAMPLES, QC, AND STANDARDS IS GIVEN BELOW:

SURROGATE RETENTION TIME (RT) FROM INITIAL OR CONTINUING CALIBRATION
TCMX RT: 6.32 DCBP RT: 26.35

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED	TCMX RT #	DCBP RT #
01	A1016 500 PPB	CS160223A	GC18B-789-4	02/23/2009 18:17:34	6.32	26.35
02	A1221 500 PPB	CS210223A	GC18B-789-5	02/23/2009 18:50:03	6.32	26.35
03	A1232 500 PPB	CS320223A	GC18B-789-6	02/23/2009 19:22:32	6.32	26.36
04	A1242 500 PPB	CS420223A	GC18B-789-7	02/23/2009 19:55:00	6.32	26.36
05	A1248 500 PPB	CS480223A	GC18B-789-8	02/23/2009 20:27:30	6.32	26.35
06	A1254 500 PPB	CS540223A	GC18B-789-9	02/23/2009 20:59:59	6.32	26.35
07	A1260 500 PPB	CS600223A	GC18B-789-10	02/23/2009 21:32:27	6.32	26.36
08	A1248 500 PPB	CS480224A	GC18B-790-4	02/24/2009 17:49:26	6.32	26.34
09	PBLK-35(METHOD BLANK)	AM01524B	GC18B-790-5	02/24/2009 18:21:55	6.32	26.34
10	LCS-35(LAB CONTROL SPIKE)	AM01524L	GC18B-790-6	02/24/2009 18:54:25	6.32	26.35
11	ZZZZZ	ZZZZZ	GC18B-790-7	02/24/2009 19:26:54	6.33	26.35
12	ZZZZZ	ZZZZZ	GC18B-790-8	02/24/2009 19:59:23	6.33	26.34
13	ZZZZZ	ZZZZZ	GC18B-790-9	02/24/2009 20:31:51	6.33	26.34
14	ZZZZZ	ZZZZZ	GC18B-790-10	02/24/2009 21:04:19	6.32	26.35
15	ZZZZZ	ZZZZZ	GC18B-790-11	02/24/2009 21:36:47	6.32	26.34
16	ZZZZZ	ZZZZZ	GC18B-790-12	02/24/2009 22:09:16	6.32(D)	26.35(D)
17	ZZZZZ	ZZZZZ	GC18B-790-13	02/24/2009 22:41:44	6.32(D)	26.34(D)
18	A1254 500 PPB	CS540224A	GC18B-790-14	02/24/2009 23:14:12	6.32	26.34
19	ZZZZZ	ZZZZZ	GC18B-790-15	02/24/2009 23:46:41	6.32	26.35
20	ZZZZZ	ZZZZZ	GC18B-790-16	02/25/2009 00:19:10	6.33	26.34
21	ZZZZZ	ZZZZZ	GC18B-790-17	02/25/2009 00:51:38	6.33	26.35
22	ZZZZZ	ZZZZZ	GC18B-790-18	02/25/2009 01:24:07	6.33	26.35
23	ZZZZZ	ZZZZZ	GC18B-790-19	02/25/2009 01:56:36	6.32	26.35
24	ZZZZZ	ZZZZZ	GC18B-790-20	02/25/2009 02:29:04	6.31	26.35
25	ZZZZZ	ZZZZZ	GC18B-790-21	02/25/2009 03:01:32	6.32	26.35
26	ZZZZZ	ZZZZZ	GC18B-790-22	02/25/2009 03:34:01	6.32	26.34
27	ZZZZZ	ZZZZZ	GC18B-790-23	02/25/2009 04:06:29	6.32	26.34
28	A1260 500 PPB	CS600224A	GC18B-790-24	02/25/2009 04:38:57	6.32	26.35
29	ZZZZZ	ZZZZZ	GC18B-790-25	02/25/2009 05:11:26	6.32	26.34
30	ZZZZZ	ZZZZZ	GC18B-790-26	02/25/2009 05:43:55	6.32	26.34
31	SB-353 (1-2.5)	AM01539	GC18B-790-27	02/25/2009 06:16:24	6.33	26.34
32	A1016 500 PPB	CS160224A	GC18B-790-28	02/25/2009 06:48:53	6.32	26.33

FORM VIII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

Initial Calibration Data

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Date(s) Analyzed: 1/14/2009,1/15/2009,1/16/2009
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC18F-786-15	011416A	20.0	63.740		
	GC18F-786-16	011416B	100	68.902		
	GC18F-786-17	011416C	250	64.853		
	GC18F-786-18	011416D	500	65.821		
	GC18F-786-19	011416E	1000	64.939	65.651	3.0
Aroclor 1221	GC18F-786-20	011421A	20.0	16.998		
	GC18F-786-21	011421B	100	17.681		
	GC18F-786-22	011421C	250	16.937		
	GC18F-786-23	011421D	500	17.199		
	GC18F-786-24	011421E	1000	16.319	17.027	2.9
Aroclor 1232	GC18F-786-25	011432A	20.0	27.543		
	GC18F-786-26	011432B	100	28.587		
	GC18F-786-27	011432C	250	29.020		
	GC18F-786-28	011432D	500	30.849		
	GC18F-786-29	011432E	1000	30.358	29.271	4.6
Aroclor 1242	GC18F-786-30	011442A	20.0	51.660		
	GC18F-786-31	011442B	100	55.630		
	GC18F-786-32	011442C	250	54.559		
	GC18F-786-33	011442D	500	53.021		
	GC18F-786-34	011442E	1000	49.754	52.925	4.4
Aroclor 1248	GC18F-786-50	011548A	20.0	51.670		
	GC18F-786-36	011448B	100	53.837		
	GC18F-786-37	011448C	250	48.451		
	GC18F-786-38	011448D	500	51.353		
	GC18F-786-39	011448E	1000	49.376	50.937	4.1
Aroclor 1254	GC18F-786-40	011454A	20.0	82.271		
	GC18F-786-41	011454B	100	77.465		
	GC18F-786-42	011454C	250	78.293		
	GC18F-786-43	011454D	500	76.838		
	GC18F-786-44	011454E	1000	74.766	77.927	3.5
Aroclor 1260	GC18F-786-45	011460A	20.0	90.563		
	GC18F-786-46	011460B	100	90.080		
	GC18F-786-47	011460C	250	93.522		
	GC18F-786-48	011460D	500	97.768		
	GC18F-786-49	011460E	1000	87.282	91.843	4.3
Aroclor 1262	GC18F-786-60	011562A	20.0	100.905		
	GC18F-786-61	011562B	100	98.578		
	GC18F-786-62	011562C	250	101.748		
	GC18F-786-63	011562D	500	99.060		
	GC18F-786-64	011562E	1000	97.249	99.508	1.8

FORM VI-CLP-PCB(NEA)

Print Date:3/3/2009
Nea Lims Version : 4.4.2.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Date(s) Analyzed: 1/14/2009,1/15/2009,1/16/2009
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC18F-786-65	011568A	20.0	162.674		
	GC18F-786-66	011568B	100	172.044		
	GC18F-786-67	011568C	250	171.434		
	GC18F-786-68	011568D	500	163.536		
	GC18F-786-69	011568E	1000	157.323	165.402	3.8
TCMX	GC18F-786-40	011454A	2.00	429.213		
	GC18F-786-41	011454B	5.00	409.563		
	GC18F-786-42	011454C	8.00	391.223		
	GC18F-786-43	011454D	10.0	399.885		
	GC18F-786-44	011454E	20.0	389.232	403.823	4.0
DCBP	GC18F-786-40	011454A	20.0	327.350		
	GC18F-786-41	011454B	50.0	328.335		
	GC18F-786-42	011454C	80.0	312.563		
	GC18F-786-43	011454D	100	305.781		
	GC18F-786-44	011454E	200	296.271	314.060	4.4

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

FORM VI-CLP-PCB(NEA)

Print Date:3/3/2009
Nea Lims Version : 4.4.2.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Date(s) Analyzed: 1/14/2009,1/15/2009,1/16/2009
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1016	GC18B-761-15	011416A	20.0	94.518		
	GC18B-761-16	011416B	100	95.175		
	GC18B-761-17	011416C	250	97.483		
	GC18B-761-18	011416D	500	95.268		
	GC18B-761-19	011416E	1000	92.048	94.898	2.1
Aroclor 1221	GC18B-761-20	011421A	20.0	24.814		
	GC18B-761-21	011421B	100	24.498		
	GC18B-761-22	011421C	250	25.139		
	GC18B-761-23	011421D	500	25.765		
	GC18B-761-24	011421E	1000	24.208	24.885	2.4
Aroclor 1232	GC18B-761-25	011432A	20.0	47.190		
	GC18B-761-26	011432B	100	45.782		
	GC18B-761-27	011432C	250	45.984		
	GC18B-761-28	011432D	500	47.789		
	GC18B-761-29	011432E	1000	44.864	46.322	2.5
Aroclor 1242	GC18B-761-30	011442A	20.0	80.764		
	GC18B-761-31	011442B	100	82.748		
	GC18B-761-32	011442C	250	81.190		
	GC18B-761-33	011442D	500	81.902		
	GC18B-761-34	011442E	1000	79.990	81.319	1.3
Aroclor 1248	GC18B-761-35	011448A	20.0	80.000		
	GC18B-761-36	011448B	100	83.302		
	GC18B-761-37	011448C	250	82.219		
	GC18B-761-38	011448D	500	83.069		
	GC18B-761-39	011448E	1000	80.356	81.789	1.9
Aroclor 1254	GC18B-761-40	011454A	20.0	139.000		
	GC18B-761-41	011454B	100	132.580		
	GC18B-761-42	011454C	250	138.901		
	GC18B-761-43	011454D	500	132.465		
	GC18B-761-44	011454E	1000	131.512	134.892	2.8
Aroclor 1260	GC18B-761-45	011460A	20.0	201.907		
	GC18B-761-46	011460B	100	208.406		
	GC18B-761-47	011460C	250	195.248		
	GC18B-761-48	011460D	500	209.555		
	GC18B-761-49	011460E	1000	193.858	201.795	3.6
Aroclor 1262	GC18B-761-60	011562A	20.0	226.592		
	GC18B-761-61	011562B	100	238.329		
	GC18B-761-62	011562C	250	223.292		
	GC18B-761-63	011562D	500	218.430		
	GC18B-761-64	011562E	1000	209.354	223.199	4.8

FORM VI-CLP-PCB(NEA)

Print Date:3/3/2009
Nea Lims Version : 4.4.2.8

6F-1
PCB INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Date(s) Analyzed: 1/14/2009,1/15/2009,1/16/2009
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	AMOUNT (ppb)	TOTAL[1] RF	MEAN RF	% RSD
Aroclor 1268	GC18B-761-65	011568A	20.0	379.409		
	GC18B-761-66	011568B	100	393.991		
	GC18B-761-67	011568C	250	392.211		
	GC18B-761-68	011568D	500	373.562		
	GC18B-761-69	011568E	1000	365.332	380.901	3.2
TCMX	GC18B-761-40	011454A	2.00	584.570		
	GC18B-761-41	011454B	5.00	571.597		
	GC18B-761-42	011454C	8.00	554.532		
	GC18B-761-43	011454D	10.0	554.383		
	GC18B-761-44	011454E	20.0	555.117	564.040	2.4
DCBP	GC18B-761-40	011454A	20.0	643.295		
	GC18B-761-41	011454B	50.0	636.753		
	GC18B-761-42	011454C	80.0	600.908		
	GC18B-761-43	011454D	100	602.316		
	GC18B-761-44	011454E	200	588.294	614.313	3.9

% RSD Limit <= 20%
TCMX=TETRACHLOROMETAXYLENE
DCBP=DECACHLOROBIPHENYL

[1] Response factor calculated using total area of 5 peaks used to quantitate each Aroclor. Mean response factor not used in Aroclor quantitation, calibration curve by linear regression used for quantitation. Concentrations are nominal values, please see Calibration Curve Report Point Table for actual values.

FORM VI-CLP-PCB(NEA)

Print Date:3/3/2009
Nea Lims Version : 4.4.2.8

Initial/Continuing Calibration Data

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC18F-786-52	CS160114A	ICV	478	500	-4.42	01/15/2009 10:18:56
Aroclor 1221	GC18F-786-53	CS210114A	ICV	525	500	4.99	01/15/2009 10:51:33
Aroclor 1232	GC18F-786-54	CS320114A	ICV	500	500	-0.0351	01/15/2009 11:24:03
Aroclor 1242	GC18F-786-55	CS420114A	ICV	459	500	-8.25	01/15/2009 11:56:32
Aroclor 1248	GC18F-786-56	CS480114A	ICV	521	500	4.15	01/15/2009 12:37:34
Aroclor 1254	GC18F-786-57	CS540114A	ICV	521	500	4.30	01/15/2009 13:10:04
Aroclor 1260	GC18F-786-58	CS600114A	ICV	486	500	-2.72	01/15/2009 13:42:41
Aroclor 1262	GC18F-786-71	CS620115A	ICV	481	500	-3.81	01/15/2009 20:45:48
Aroclor 1268	GC18F-786-72	CS680115A	ICV	522	500	4.43	01/15/2009 21:18:18
Aroclor 1016	GC18F-814-4	CS160223A	CCV	481	500	-3.87	02/23/2009 18:17:30
Aroclor 1221	GC18F-814-5	CS210223A	CCV	499	500	-0.151	02/23/2009 18:49:59
Aroclor 1232	GC18F-814-6	CS320223A	CCV	465	500	-7.10	02/23/2009 19:22:28
Aroclor 1242	GC18F-814-7	CS420223A	CCV	453	500	-9.48	02/23/2009 19:54:56
Aroclor 1248	GC18F-814-8	CS480223A	CCV	477	500	-4.66	02/23/2009 20:27:26
Aroclor 1254	GC18F-814-9	CS540223A	CCV	488	500	-2.45	02/23/2009 20:59:55
Aroclor 1260	GC18F-814-10	CS600223A	CCV	462	500	-7.54	02/23/2009 21:32:23
Aroclor 1248	GC18F-815-4	CS480224A	CCV	538	500	7.68	02/24/2009 17:49:22
Aroclor 1254	GC18F-815-14	CS540224A	CCV	474	500	-5.23	02/24/2009 23:14:08
Aroclor 1260	GC18F-815-24	CS600224A	CCV	448	500	-10.4	02/25/2009 04:38:53
Aroclor 1016	GC18F-815-28	CS160224A	CCV	505	500	0.954	02/25/2009 06:48:49

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-1
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SDG NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	LAB FILE ID	NEA SAMPLE ID	CALIB TYPE	CALC AMOUNT (ng/mL)	NOM AMOUNT (ng/mL)	PERCENT DIFFERENCE	DATE / TIME ANALYZED
Aroclor 1016	GC18B-761-52	CS160114A	ICV	529	500	5.71	01/15/2009 10:19:00
Aroclor 1221	GC18B-761-53	CS210114A	ICV	538	500	7.68	01/15/2009 10:51:37
Aroclor 1232	GC18B-761-54	CS320114A	ICV	522	500	4.37	01/15/2009 11:24:07
Aroclor 1242	GC18B-761-55	CS420114A	ICV	481	500	-3.83	01/15/2009 11:56:36
Aroclor 1248	GC18B-761-56	CS480114A	ICV	514	500	2.78	01/15/2009 12:37:38
Aroclor 1254	GC18B-761-57	CS540114A	ICV	531	500	6.16	01/15/2009 13:10:08
Aroclor 1260	GC18B-761-58	CS600114A	ICV	479	500	-4.28	01/15/2009 13:42:46
Aroclor 1262	GC18B-761-71	CS620115A	ICV	502	500	0.439	01/15/2009 20:45:53
Aroclor 1268	GC18B-761-72	CS680115A	ICV	476	500	-4.85	01/15/2009 21:18:23
Aroclor 1016	GC18B-789-4	CS160223A	CCV	435	500	-13.0	02/23/2009 18:17:34
Aroclor 1221	GC18B-789-5	CS210223A	CCV	474	500	-5.14	02/23/2009 18:50:03
Aroclor 1232	GC18B-789-6	CS320223A	CCV	446	500	-10.9	02/23/2009 19:22:32
Aroclor 1242	GC18B-789-7	CS420223A	CCV	437	500	-12.6	02/23/2009 19:55:00
Aroclor 1248	GC18B-789-8	CS480223A	CCV	444	500	-11.2	02/23/2009 20:27:30
Aroclor 1254	GC18B-789-9	CS540223A	CCV	433	500	-13.5	02/23/2009 20:59:59
Aroclor 1260	GC18B-789-10	CS600223A	CCV	428	500	-14.4	02/23/2009 21:32:27
Aroclor 1248	GC18B-790-4	CS480224A	CCV	508	500	1.69	02/24/2009 17:49:26
Aroclor 1254	GC18B-790-14	CS540224A	CCV	484	500	-3.26	02/24/2009 23:14:12
Aroclor 1260	GC18B-790-24	CS600224A	CCV	457	500	-8.54	02/25/2009 04:38:57
Aroclor 1016	GC18B-790-28	CS160224A	CCV	522	500	4.35	02/25/2009 06:48:53

% Difference must be less than or equal to +/- 15 percent
ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 03/18/2009
Nea Lims Version : 4.4.3.0

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC18F-786-52	CS160114A	ICV	1	7.37	7.29	7.45
			ICV	2	7.75	7.67	7.83
			ICV	3	8.36	8.28	8.44
			ICV	4	8.56	8.48	8.64
			ICV	5	8.70	8.62	8.78
Aroclor 1221	GC18F-786-53	CS210114A	ICV	1	4.38	4.30	4.46
			ICV	2	5.61	5.53	5.69
			ICV	3	6.16	6.08	6.24
			ICV	4	6.36	6.28	6.44
			ICV	5	6.48	6.40	6.56
Aroclor 1232	GC18F-786-54	CS320114A	ICV	1	6.48	6.40	6.56
			ICV	2	7.75	7.67	7.83
			ICV	3	8.36	8.28	8.44
			ICV	4	8.56	8.48	8.64
			ICV	5	8.70	8.62	8.78
Aroclor 1242	GC18F-786-55	CS420114A	ICV	1	7.37	7.29	7.45
			ICV	2	7.75	7.67	7.83
			ICV	3	8.36	8.28	8.44
			ICV	4	8.56	8.48	8.64
			ICV	5	8.70	8.62	8.78
Aroclor 1248	GC18F-786-56	CS480114A	ICV	1	9.27	9.19	9.35
			ICV	2	9.91	9.83	9.99
			ICV	3	10.54	10.46	10.62
			ICV	4	10.70	10.62	10.78
			ICV	5	11.09	11.01	11.17
Aroclor 1254	GC18F-786-57	CS540114A	ICV	1	11.39	11.31	11.47
			ICV	2	12.03	11.95	12.11
			ICV	3	12.31	12.23	12.39
			ICV	4	13.76	13.68	13.84
			ICV	5	14.57	14.49	14.65
Aroclor 1260	GC18F-786-58	CS600114A	ICV	1	14.57	14.49	14.65
			ICV	2	16.78	16.70	16.86
			ICV	3	17.61	17.53	17.69
			ICV	4	18.33	18.25	18.41
			ICV	5	20.39	20.31	20.47
Aroclor 1262	GC18F-786-71	CS620115A	ICV	1	14.57	14.49	14.65
			ICV	2	16.78	16.70	16.86
			ICV	3	17.61	17.53	17.69

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262			ICV	4	18.33	18.25	18.41
			ICV	5	20.38	20.30	20.46
Aroclor 1268	GC18F-786-72	CS680115A	ICV	1	18.33	18.25	18.41
			ICV	2	20.38	20.30	20.46
			ICV	3	18.12	18.04	18.20
			ICV	4	19.54	19.46	19.62
			ICV	5	19.88	19.80	19.96

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC18F-814-4	CS160223A	CCV	1	7.37	7.29	7.45
			CCV	2	7.74	7.67	7.83
			CCV	3	8.35	8.28	8.44
			CCV	4	8.55	8.48	8.64
			CCV	5	8.69	8.62	8.78
	GC18F-815-28	CS160224A	CCV	1	7.36	7.29	7.45
			CCV	2	7.74	7.67	7.83
			CCV	3	8.34	8.28	8.44
			CCV	4	8.55	8.48	8.64
			CCV	5	8.68	8.62	8.78
Aroclor 1221	GC18F-814-5	CS210223A	CCV	1	4.39	4.30	4.46
			CCV	2	5.61	5.53	5.69
			CCV	3	6.16	6.08	6.24
			CCV	4	6.35	6.28	6.44
			CCV	5	6.47	6.40	6.56
Aroclor 1232	GC18F-814-6	CS320223A	CCV	1	6.47	6.40	6.56
			CCV	2	7.74	7.67	7.83
			CCV	3	8.35	8.28	8.44
			CCV	4	8.55	8.48	8.64
			CCV	5	8.69	8.62	8.78
Aroclor 1242	GC18F-814-7	CS420223A	CCV	1	7.37	7.29	7.45
			CCV	2	7.74	7.67	7.83
			CCV	3	8.35	8.28	8.44
			CCV	4	8.55	8.48	8.64
			CCV	5	8.69	8.62	8.78
Aroclor 1248	GC18F-814-8	CS480223A	CCV	1	9.25	9.19	9.35
			CCV	2	9.88	9.83	9.99
			CCV	3	10.51	10.46	10.62
			CCV	4	10.67	10.62	10.78
			CCV	5	11.06	11.01	11.17
	GC18F-815-4	CS480224A	CCV	1	9.24	9.19	9.35
			CCV	2	9.88	9.83	9.99
			CCV	3	10.50	10.46	10.62
			CCV	4	10.66	10.62	10.78
			CCV	5	11.05	11.01	11.17
Aroclor 1254	GC18F-814-9	CS540223A	CCV	1	11.36	11.31	11.47
			CCV	2	12.01	11.95	12.11
			CCV	3	12.28	12.23	12.39

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18F
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1254			CCV	4	13.73	13.68	13.84
			CCV	5	14.53	14.49	14.65
	GC18F-815-14	CS540224A	CCV	1	11.36	11.31	11.47
			CCV	2	12.00	11.95	12.11
			CCV	3	12.28	12.23	12.39
			CCV	4	13.72	13.68	13.84
			CCV	5	14.53	14.49	14.65
Aroclor 1260	GC18F-814-10	CS600223A	CCV	1	14.53	14.49	14.65
			CCV	2	16.73	16.70	16.86
			CCV	3	17.55	17.53	17.69
			CCV	4	18.27	18.25	18.41
			CCV	5	20.30	20.31	20.47
	GC18F-815-24	CS600224A	CCV	1	14.53	14.49	14.65
			CCV	2	16.73	16.70	16.86
			CCV	3	17.55	17.53	17.69
			CCV	4	18.27	18.25	18.41
			CCV	5	20.29	20.31	20.47

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC18B-761-52	CS160114A	ICV	1	7.92	7.84	8.00
			ICV	2	8.32	8.24	8.40
			ICV	3	8.92	8.84	9.00
			ICV	4	9.14	9.06	9.22
			ICV	5	9.31	9.23	9.39
Aroclor 1221	GC18B-761-53	CS210114A	ICV	1	5.15	5.07	5.23
			ICV	2	6.28	6.20	6.36
			ICV	3	6.76	6.68	6.84
			ICV	4	6.96	6.88	7.04
			ICV	5	7.08	7.00	7.16
Aroclor 1232	GC18B-761-54	CS320114A	ICV	1	7.08	7.00	7.16
			ICV	2	8.32	8.24	8.40
			ICV	3	8.92	8.84	9.00
			ICV	4	9.14	9.06	9.22
			ICV	5	9.32	9.24	9.40
Aroclor 1242	GC18B-761-55	CS420114A	ICV	1	7.92	7.84	8.00
			ICV	2	8.32	8.24	8.40
			ICV	3	8.92	8.84	9.00
			ICV	4	9.14	9.06	9.22
			ICV	5	9.32	9.24	9.40
Aroclor 1248	GC18B-761-56	CS480114A	ICV	1	9.83	9.75	9.91
			ICV	2	10.55	10.47	10.63
			ICV	3	11.15	11.07	11.23
			ICV	4	11.35	11.27	11.43
			ICV	5	11.81	11.73	11.89
Aroclor 1254	GC18B-761-57	CS540114A	ICV	1	11.99	11.91	12.07
			ICV	2	12.75	12.67	12.83
			ICV	3	13.04	12.96	13.12
			ICV	4	14.50	14.42	14.58
			ICV	5	15.35	15.27	15.43
Aroclor 1260	GC18B-761-58	CS600114A	ICV	1	15.35	15.27	15.43
			ICV	2	17.57	17.49	17.65
			ICV	3	18.69	18.61	18.77
			ICV	4	19.30	19.22	19.38
			ICV	5	21.79	21.71	21.87
Aroclor 1262	GC18B-761-71	CS620115A	ICV	1	15.35	15.27	15.43
			ICV	2	17.57	17.49	17.65
			ICV	3	18.69	18.61	18.77

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1262			ICV	4	19.30	19.22	19.38
			ICV	5	21.79	21.71	21.87
Aroclor 1268	GC18B-761-72	CS680115A	ICV	1	19.29	19.21	19.37
			ICV	2	21.79	21.71	21.87
			ICV	3	19.06	18.98	19.14
			ICV	4	20.64	20.56	20.72
			ICV	5	21.06	20.98	21.14

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1016	GC18B-789-4	CS160223A	CCV	1	7.92	7.84	8.00
			CCV	2	8.32	8.24	8.40
			CCV	3	8.91	8.84	9.00
			CCV	4	9.13	9.06	9.22
			CCV	5	9.31	9.23	9.39
	GC18B-790-28	CS160224A	CCV	1	7.91	7.84	8.00
			CCV	2	8.31	8.24	8.40
			CCV	3	8.91	8.84	9.00
			CCV	4	9.13	9.06	9.22
			CCV	5	9.30	9.23	9.39
Aroclor 1221	GC18B-789-5	CS210223A	CCV	1	5.15	5.07	5.23
			CCV	2	6.28	6.20	6.36
			CCV	3	6.75	6.68	6.84
			CCV	4	6.96	6.88	7.04
			CCV	5	7.08	7.00	7.16
Aroclor 1232	GC18B-789-6	CS320223A	CCV	1	7.08	7.00	7.16
			CCV	2	8.32	8.24	8.40
			CCV	3	8.91	8.84	9.00
			CCV	4	9.13	9.06	9.22
			CCV	5	9.31	9.24	9.40
Aroclor 1242	GC18B-789-7	CS420223A	CCV	1	7.92	7.84	8.00
			CCV	2	8.32	8.24	8.40
			CCV	3	8.91	8.84	9.00
			CCV	4	9.13	9.06	9.22
			CCV	5	9.31	9.24	9.40
Aroclor 1248	GC18B-789-8	CS480223A	CCV	1	9.82	9.75	9.91
			CCV	2	10.53	10.47	10.63
			CCV	3	11.13	11.07	11.23
			CCV	4	11.33	11.27	11.43
			CCV	5	11.79	11.73	11.89
	GC18B-790-4	CS480224A	CCV	1	9.81	9.75	9.91
			CCV	2	10.53	10.47	10.63
			CCV	3	11.13	11.07	11.23
			CCV	4	11.32	11.27	11.43
			CCV	5	11.79	11.73	11.89
Aroclor 1254	GC18B-789-9	CS540223A	CCV	1	11.97	11.91	12.07
			CCV	2	12.73	12.67	12.83
			CCV	3	13.02	12.96	13.12

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

7E-2
PCB CALIBRATION VERIFICATION SUMMARY

Laboratory Name: Northeast Analytical, Inc.
SGD NO: 09020120
ELAP ID No: 11078
Instrument ID: GC18B
GC Column: PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm

COMPOUND	Lab File ID	NEA Sample ID	CALIB TYPE*	PEAK	RT	RT WINDOW FROM	RT WINDOW TO
Aroclor 1254			CCV	4	14.47	14.42	14.58
			CCV	5	15.33	15.27	15.43
	GC18B-790-14	CS540224A	CCV	1	11.97	11.91	12.07
			CCV	2	12.73	12.67	12.83
			CCV	3	13.02	12.96	13.12
			CCV	4	14.47	14.42	14.58
			CCV	5	15.32	15.27	15.43
Aroclor 1260	GC18B-789-10	CS600223A	CCV	1	15.33	15.27	15.43
			CCV	2	17.53	17.49	17.65
			CCV	3	18.65	18.61	18.77
			CCV	4	19.25	19.22	19.38
			CCV	5	21.73	21.71	21.87
	GC18B-790-24	CS600224A	CCV	1	15.33	15.27	15.43
			CCV	2	17.53	17.49	17.65
			CCV	3	18.64	18.61	18.77
			CCV	4	19.25	19.22	19.38
			CCV	5	21.72	21.71	21.87

* ICV = Initial Calibration Verification
CCV = Continuing Calibration Verification

FORM VII-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

QC Sample Results

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	LRF ID:	PBLK-35
Matrix:	SODIUM SULFATE	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	10.094 g	Lab Sample ID:	AM01524B
Percent Moisture:	0.0	Lab File ID:	GC18F-815-5
Extraction:	SOXHLET	Date Received:	
Conc. Extract Volume:	25000 uL	Date Extracted:	02/20/2009
Injection Volume:	1.0 uL	Date Analyzed:	02/24/2009
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.0500	U
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	LRF ID:	PBLK-35
Matrix:	SODIUM SULFATE	Client ID:	METHOD BLANK
Sample wt(Dry)/vol:	10.094 g	Lab Sample ID:	AM01524B
Percent Moisture:	0.0	Lab File ID:	GC18B-790-5
Extraction:	SOXHLET	Date Received:	
Conc. Extract Volume:	25000 uL	Date Extracted:	02/20/2009
Injection Volume:	1.0 uL	Date Analyzed:	02/24/2009
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	0.0500	U
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	LRF ID:	LCS-35
Matrix:	SODIUM SULFATE	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	10.083 g	Lab Sample ID:	AM01524L
Percent Moisture:	0.0	Lab File ID:	GC18F-815-6
Extraction:	SOXHLET	Date Received:	
Conc. Extract Volume:	25000 uL	Date Extracted:	02/20/2009
Injection Volume:	1.0 uL	Date Analyzed:	02/24/2009
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	1.23	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

1D-1
PCB ANALYSIS DATA SHEET

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	LRF ID:	LCS-35
Matrix:	SODIUM SULFATE	Client ID:	LAB CONTROL SPIKE
Sample wt(Dry)/vol:	10.083 g	Lab Sample ID:	AM01524L
Percent Moisture:	0.0	Lab File ID:	GC18B-790-6
Extraction:	SOXHLET	Date Received:	
Conc. Extract Volume:	25000 uL	Date Extracted:	02/20/2009
Injection Volume:	1.0 uL	Date Analyzed:	02/24/2009
Method:	SW-846 8082 (PCB)	Dilution Factor:	1
GC Column:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm	Sulfur Cleanup:	YES

CAS NO	COMPOUND NAME	CONCENTRATION UG/G	Q
12674-11-2	Aroclor 1016	0.0500	U
11104-28-2	Aroclor 1221	0.0500	U
11141-16-5	Aroclor 1232	0.0500	U
53469-21-9	Aroclor 1242	1.19	
12672-29-6	Aroclor 1248	0.0500	U
11097-69-1	Aroclor 1254	0.0500	U
11096-82-5	Aroclor 1260	0.0500	U

Laboratory Qualifiers:
U - Denotes analyte not detected at concentration greater than or equal to the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

FORM I-CLP-PCB (NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	Client ID:	LCS-35(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-35	Lab Sample ID:	AM01524L
Instrument 1 ID:	GC18F	Instrument 2 ID:	GC18B
Date Analyzed:	2/24/2009 6:54:21 PM	Date Analyzed:	2/24/2009 6:54:25 PM
GC Column 1:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	GC Column 2:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm
Lab File ID 1:	GC18F-815-6	Lab File ID 2:	GC18B-790-6
Matrix:	Soil		

Analyte	Column	Peak	RT (min)	RT Window From	RT Window To	Concentration (ug/g)	RPD (%)	*
Aroclor 1016	1	1	7.36	7.29	7.45			
		2	7.74	7.67	7.83			
		3	8.34	8.28	8.44			
		4	8.55	8.48	8.64			
		5	8.69	8.62	8.78			
	2	1	7.92	7.84	8.00			
		2	8.32	8.24	8.40			
		3	8.91	8.84	9.00			
		4	9.13	9.06	9.22			
		5	9.31	9.23	9.39			
Aroclor 1221	1	1	NA	4.30	4.46			
		2	NA	5.53	5.69			
		3	NA	6.08	6.24			
		4	NA	6.28	6.44			
		5	NA	6.40	6.56			
	2	1	NA	5.07	5.23			
		2	NA	6.20	6.36			
		3	NA	6.68	6.84			
		4	NA	6.88	7.04			
		5	NA	7.00	7.16			
Aroclor 1232	1	1	NA	6.40	6.56			
		2	7.74	7.67	7.83			
		3	8.34	8.28	8.44			
		4	8.55	8.48	8.64			
		5	8.69	8.62	8.78			
	2	1	NA	7.00	7.16			
		2	8.32	8.24	8.40			
		3	8.91	8.84	9.00			
		4	9.13	9.06	9.22			
		5	9.31	9.24	9.40			
Aroclor 1242	1	1	7.36	7.29	7.45			
		2	7.74	7.67	7.83			
		3	8.34	8.28	8.44			
		4	8.55	8.48	8.64			
		5	8.69	8.62	8.78	1.23		
	2	1	7.92	7.84	8.00			
		2	8.32	8.24	8.40			
		3	8.91	8.84	9.00			
		4	9.13	9.06	9.22			
		5	9.31	9.24	9.40	1.19	3.31	

Relative Percent Difference Limit = 40.0%

FORM 10-CLP-PCB(NEA)

Print Date: 3/3/2009
Nea Lims Version : 4.4.2.8

10-B
PCB Identification Summary

Laboratory Name:	Northeast Analytical, Inc.	SDG No:	09020120
ELAP ID No:	11078	Client ID:	LCS-35(LAB CONTROL SPIKE)
LRF Sample ID:	LCS-35	Lab Sample ID:	AM01524L
Instrument 1 ID:	GC18F	Instrument 2 ID:	GC18B
Date Analyzed:	2/24/2009 6:54:21 PM	Date Analyzed:	2/24/2009 6:54:25 PM
GC Column 1:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-1, 30M; ID: 0.25 mm	GC Column 2:	PHENOMENEX, NARROWBORE CAPILLARY, ZB-5, 30M; ID: 0.25 mm
Lab File ID 1:	GC18F-815-6	Lab File ID 2:	GC18B-790-6
Matrix:	Soil		

Analyte	Column	Peak	RT (min)	RT Window		Concentration (ug/g)	RPD (%)	*
				From	To			
Aroclor 1248	1	1	NA	9.19	9.35			
		2	NA	9.83	9.99			
		3	NA	10.46	10.62			
		4	NA	10.62	10.78			
		5	NA	11.01	11.17			
	2	1	NA	9.75	9.91			
		2	NA	10.47	10.63			
		3	NA	11.07	11.23			
		4	NA	11.27	11.43			
		5	NA	11.73	11.89			
Aroclor 1254	1	1	NA	11.31	11.47			
		2	NA	11.95	12.11			
		3	NA	12.23	12.39			
		4	NA	13.68	13.84			
		5	NA	14.49	14.65			
	2	1	NA	11.91	12.07			
		2	NA	12.67	12.83			
		3	NA	12.96	13.12			
		4	NA	14.42	14.58			
		5	NA	15.27	15.43			
Aroclor 1260	1	1	NA	14.49	14.65			
		2	NA	16.70	16.86			
		3	NA	17.53	17.69			
		4	NA	18.25	18.41			
		5	NA	20.31	20.47			
	2	1	NA	15.27	15.43			
		2	NA	17.49	17.65			
		3	NA	18.61	18.77			
		4	NA	19.22	19.38			
		5	NA	21.71	21.87			

Relative Percent Difference Limit = 40.0%

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