



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Final Analytical Report**

Site Name.....	Lin Electric Company
Sample Collection Date(s).....	07/23/09 13:30- 07/23/09 17:40
Contact.....	Mike Towle
Report Date.....	10/05/09 12:53
Project #.....	DAS R33278
Work Order.....	0907018

**Analyses included in this report:**

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PCB Congeners

Percent Dry Weight (105C)

Approved for Release

0907018 FINAL

DAS R33278

10 05 09 1253

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OASQA Representative



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Site Name: Lin Electric Company**

**Project #: DAS R33278**

## ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Matrix	Date Sampled	Date Received
SD-01	0907018-01	Sediment	7/23/2009 13:30	7/28/2009 13:44
SD-02	0907018-02	Sediment	7/23/2009 13:42	7/28/2009 13:44
SD-03	0907018-03	Sediment	7/23/2009 13:55	7/28/2009 13:44
SD-04	0907018-04	Sediment	7/23/2009 14:00	7/28/2009 13:44
W-06	0907018-05	Water	7/23/2009 16:15	7/28/2009 13:44
W-07	0907018-06	Water	7/23/2009 17:10	7/28/2009 13:44
W-04	0907018-07	Water	7/23/2009 15:20	7/28/2009 13:44
FB-01	0907018-08	Water	7/23/2009 17:40	7/28/2009 13:44
W-01	0907018-09	Water	7/23/2009 14:20	7/28/2009 13:44
W-02	0907018-10	Water	7/23/2009 14:35	7/28/2009 13:44
W-03	0907018-11	Water	7/23/2009 14:40	7/28/2009 13:44
W-05	0907018-12	Water	7/23/2009 15:55	7/28/2009 13:44



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Site Name: Lin Electric Company

Project #: DAS R33278

USEPA Contract Laboratory Program  
Generic Chain of Custody

## Reference Case

Client No: R33278  
SDG No: L

Date Shipped: 7/27/2009	Chain of Custody Record	Sampler Signature: <i>Shane</i>	For Lab Use Only
Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No: _____
Airbill: 6683 3690 5757	1 <i>Shane</i> 7-27-09 / 1600	2 <i>PLK</i> 7/28/09 13:44	Unit Price: _____
Shipped to: Analytical Services and Quality Assurance Laboratory Environmental Science Center 701 Mapes Road Fort Meade, MD 20755-5350	3 _____	4 _____	Transfer To: _____
			Lab Contract No: _____
			Unit Price: _____

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
R33278-01	Sediment/ Gene Nance	LIG	PCB_C (S) (45)	3985 (Ice Only) (1)	SD-01	S: 7/23/2009 13:30	0907018-01
R33278-02	Sediment/ Gene Nance	LIG	PCB_C (S) (45)	3986 (Ice Only) (1)	SD-02	S: 7/23/2009 13:42	0907018-02
R33278-03	Sediment/ Gene Nance	LIG	PCB_C (S) (45)	3987 (Ice Only) (1)	SD-03	S: 7/23/2009 13:55	0907018-03
R33278-04	Sediment/ Gene Nance	LIG	PCB_C (S) (45)	3988 (Ice Only) (1)	SD-04	S: 7/23/2009 14:00	0907018-04
R33278-10	Water/ Gene Nance	LIG	PCB_C (45)	31007 (Ice Only), 31008 (Ice Only) (2)	WA-06	S: 7/23/2009 16:15	0907018-05
R33278-11	Water/ Gene Nance	LIG	PCB_C (45)	31009 (Ice Only), 31010 (Ice Only) (2)	WA-07	S: 7/23/2009 17:10	0907018-06

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: R33278-02	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: 7.1°C	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designator: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Iced? <input type="checkbox"/>
PCB_C (S) = PCBs (CONGENERS) _Soil, PCB_C = PCBs (CONGENERS) _Aqueous				

TR Number: 3-174383947-072709-0003

LABORATORY COPY

PR provides preliminary results. Requests for preliminary results will increase analytical costs.  
Send Copy to: Sample Management Office, 2000 Edmund Halley Dr., Reston, VA 20191-3400 Phone 703/264-9348 Fax 703/264-9222

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

USEPA Contract Laboratory Program  
Generic Chain of Custody

## Reference Case

Client No: R33278

SDG No:

L

Date Shipped: 7/27/2009	Chain of Custody Record	Sampler Signature: <i>[Signature]</i>	For Lab Use Only
Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No:
Altitude: 5683 3650 5757	<i>[Signature]</i> 7-27-09 / 1600	<i>[Signature]</i> 7/28/09 13:49	Unit Price:
Shipped to: Analytical Services and Quality Assurance Laboratory Environmental Science Center 701 Mapes Road	2		Transfer To:
	3		Lab Contract No:
	4		Unit Price:

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
R33278-08	Water/ Gene Nance	L/G	PCB_C (45)	31000 (Ice Only), 31001 (Ice Only), 31002 (Ice Only), 31003 (Ice Only), 31004 (Ice Only), 3999 (Ice Only) (5)	W-04	S: 7/23/2009 15:20	0907018-07
R33278-12	Field QC/ Gene Nance	L/G	PCB_C (45)	3999 (Ice Only), 3990 (Ice Only) (2)	FB-01	S: 7/23/2009 17:40	0907018-08

Shipment for Case Complete Y/N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: <i>15°C</i>	Chain of Custody Seal Number:
	R33278-08			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment lost? <input type="checkbox"/>
PCB_C = PCBs (CONGENERS) Aqueous				

TR Number: 3-174383947-072709-0001

LABORATORY COPY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

USEPA Contract Laboratory Program  
Generic Chain of Custody

## Reference Case

Client No: R33278

SDG No:

L

Date Shipped: 7/27/2009	Chain of Custody Record	Sampler Signature: <i>Shane</i>	For Lab Use Only
Carrier Name: FedEx	Relinquished By (Date / Time)	Received By (Date / Time)	Lab Contract No:
Airbill: 8693 3650 5757	1 <i>Shane 7-27-09/1640</i>	<i>Paul K. 7/28/09 13:49</i>	Unit Price:
Shipped to: Analytical Services and Quality Assurance Laboratory Environmental Science Center 701 Mapes Road	2		Transfer To:
	3		Lab Contract No:
	4		Unit Price:

SAMPLE No.	MATRIX SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
R33278-05	Water/ Gene Nance	L/G	PCB_C (45)	3991 (Ice Only), 3992 (Ice Only) (2)	W-01	S: 7/23/2009 14:20	0907018-09
R33278-06	Water/ Gene Nance	L/G	PCB_C (45)	3993 (Ice Only), 3994 (Ice Only) (2)	W-02	S: 7/23/2009 14:35	0907018-10
R33278-07	Water/ Gene Nance	L/G	PCB_C (45)	3995 (Ice Only), 3996 (Ice Only) (2)	W-03	S: 7/23/2009 14:40	0907018-11
R33278-08	Water/ Gene Nance	L/G	PCB_C (45)	31005 (Ice Only), 31006 (Ice Only) (2)	W-05	S: 7/23/2009 15:55	0907018-12

Shipment for Case Complete? <input type="checkbox"/>	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Cooler Temperature Upon Receipt: <i>2.3°C</i>	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input type="checkbox"/>	Shipment Lost? <input type="checkbox"/>
PCB_C = PCBs (CONGENERS) Aqueous				

TR Number: 3-174383947-072709-0002

LABORATORY COPY

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Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92804    **Sample Weight:**    **%Solids:** 66.25    **Sample Wet Weight:** 11.05g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	4.78	J	6.83	1	08/27/09 14:50
2	3-Monochlorobiphenyl	U		6.83	1	08/27/09 14:50
3	<b>4-Monochlorobiphenyl</b>	7.44		6.83	1	08/27/09 14:50
4	<b>2,2'-Dichlorobiphenyl</b>	31.9	B	6.83	1	08/27/09 14:50
5	2,3-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
6	2,3'-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
7	2,4-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
8	<b>2,4'-Dichlorobiphenyl</b>	44.9		6.83	1	08/27/09 14:50
9	2,5-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
10	2,6-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
11	<b>3,3'-Dichlorobiphenyl</b>	153	EMPC	6.83	1	08/27/09 14:50
12/13	3,4-DiCB/3,4'-DiCB	U		6.83	1	08/27/09 14:50
14	3,5-Dichlorobiphenyl	U		6.83	1	08/27/09 14:50
15	<b>4,4'-Dichlorobiphenyl</b>	83.2		6.83	1	08/27/09 14:50
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	26.2		6.83	1	08/27/09 14:50
17	<b>2,2',4-Trichlorobiphenyl</b>	29.1		6.83	1	08/27/09 14:50
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	78.4		6.83	1	08/27/09 14:50
19	2,2',6-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	327		6.83	1	08/27/09 14:50
21/33	2,3,4-TrCB/2,3',4'-TrCB	U		6.83	1	08/27/09 14:50
22	<b>2,3,4'-Trichlorobiphenyl</b>	95.2		6.83	1	08/27/09 14:50
23	2,3,5-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
25	2,3',4-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
26/29	2,3',5-TrCB/2,4,5-TrCB	U		6.83	1	08/27/09 14:50
27	2,3',6-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
31	<b>2,4',5-Trichlorobiphenyl</b>	237		6.83	1	08/27/09 14:50
32	<b>2,4',6-Trichlorobiphenyl</b>	54.0	B	6.83	1	08/27/09 14:50
34	2,3',5'-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
35	3,3',4-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
36	3,3',5-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
37	<b>3,4,4'-Trichlorobiphenyl</b>	62.3		6.83	1	08/27/09 14:50
38	3,4,5-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
39	3,4',5-Trichlorobiphenyl	U		6.83	1	08/27/09 14:50
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	58.9		6.83	1	08/27/09 14:50
42	2,2',3,4'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		6.83	1	08/27/09 14:50
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	183		6.83	1	08/27/09 14:50
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		6.83	1	08/27/09 14:50
46	2,2',3,6'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50



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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 66.25    **Sample Wet Weight:** 11.05g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	112		6.83	1	08/27/09 14:50
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		6.83	1	08/27/09 14:50
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	243		6.83	1	08/27/09 14:50
54	2,2',6,6'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
55	2,3,3',4-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	81.4		6.83	1	08/27/09 14:50
57	2,3,3',5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
58	2,3,3',5'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		6.83	1	08/27/09 14:50
60	<b>2,3,4,4'-Tetrachlorobiphenyl</b>	50.4		6.83	1	08/27/09 14:50
61/70/74/76	<b>TeCB-61/70/74/76</b>	451		6.83	1	08/27/09 14:50
63	2,3,4',5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	94.7		6.83	1	08/27/09 14:50
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	210		6.83	1	08/27/09 14:50
67	2,3',4,5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
68	2,3',4,5'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
72	2,3',5,5'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
77	<b>3,3',4,4'-Tetrachlorobiphenyl</b>	20.6		6.83	1	08/27/09 14:50
78	3,3',4,5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
79	3,3',4,5'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
80	3,3',5,5'-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
81	3,4,4',5-Tetrachlorobiphenyl	U		6.83	1	08/27/09 14:50
82	<b>2,2',3,3',4-Pentachlorobiphenyl</b>	57.4		6.83	1	08/27/09 14:50
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	260		6.83	1	08/27/09 14:50
84	<b>2,2',3,3',6-Pentachlorobiphenyl</b>	107		6.83	1	08/27/09 14:50
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	88.8		6.83	1	08/27/09 14:50
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	431		6.83	1	08/27/09 14:50
88/91	<b>2,2',3,4,6-PeCB/2,2',3,4',6-PeCB</b>	41.7		6.83	1	08/27/09 14:50
89	2,2',3,4,6'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	533		6.83	1	08/27/09 14:50
92	<b>2,2',3,5,5'-Pentachlorobiphenyl</b>	72.5		6.83	1	08/27/09 14:50
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		6.83	1	08/27/09 14:50
94	2,2',3,5,6'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	324		6.83	1	08/27/09 14:50
96	2,2',3,6,6'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50





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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 66.25    **Sample Wet Weight:** 11.05g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		6.83	1	08/27/09 14:50
103	2,2',4,5',6-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
104	2,2',4,6,6'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	315		6.83	1	08/27/09 14:50
106	2,3,3',4,5-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
107	<b>2,3,3',4',5-Pentachlorobiphenyl</b>	41.5		6.83	1	08/27/09 14:50
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		6.83	1	08/27/09 14:50
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	813		6.83	1	08/27/09 14:50
111	2,3,3',5,5'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
114	2,3,4,4',5-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	664		6.83	1	08/27/09 14:50
120	2,3',4,5,5'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
121	2,3',4,5',6-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
122	2,3,3',4',5'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
123	2,3',4,4',5'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
126	3,3',4,4',5-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
127	3,3',4,5,5'-Pentachlorobiphenyl	U		6.83	1	08/27/09 14:50
128/166	<b>2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB</b>	104		6.83	1	08/27/09 14:50
129/138/163	<b>HxCB-129/138/163</b>	514		6.83	1	08/27/09 14:50
130	<b>2,2',3,3',4,5'-Hexachlorobiphenyl</b>	27.5		6.83	1	08/27/09 14:50
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		6.83	1	08/27/09 14:50
135/151	<b>2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB</b>	84.2		6.83	1	08/27/09 14:50
136	<b>2,2',3,3',6,6'-Hexachlorobiphenyl</b>	46.6		6.83	1	08/27/09 14:50
137	<b>2,2',3,4,4',5-Hexachlorobiphenyl</b>	63.9		6.83	1	08/27/09 14:50
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		6.83	1	08/27/09 14:50
141	<b>2,2',3,4,5,5'-Hexachlorobiphenyl</b>	72.6		6.83	1	08/27/09 14:50
142	<b>2,2',3,4,5,6-Hexachlorobiphenyl</b>	115		6.83	1	08/27/09 14:50
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
146	<b>2,2',3,4',5,5'-Hexachlorobiphenyl</b>	51.0		6.83	1	08/27/09 14:50
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	U		6.83	1	08/27/09 14:50
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	379		6.83	1	08/27/09 14:50
154	<b>2,2',4,4',5,6'-Hexachlorobiphenyl</b>	13.7		6.83	1	08/27/09 14:50





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 66.25    **Sample Wet Weight:** 11.05g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	108		6.83	1	08/27/09 14:50
158	<b>2,3,3',4,4',6-Hexachlorobiphenyl</b>	67.7		6.83	1	08/27/09 14:50
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
167	<b>2,3',4,4',5,5'-Hexachlorobiphenyl</b>	28.9		6.83	1	08/27/09 14:50
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		6.83	1	08/27/09 14:50
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	153		6.83	1	08/27/09 14:50
171/173	<b>2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB</b>	43.5		6.83	1	08/27/09 14:50
172	<b>2,2',3,3',4,5,5'-Heptachlorobiphenyl</b>	22.6		6.83	1	08/27/09 14:50
174	<b>2,2',3,3',4,5,6'-Heptachlorobiphenyl</b>	160		6.83	1	08/27/09 14:50
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
177	<b>2,2',3,3',4,5',6'-Heptachlorobiphenyl</b>	78.3		6.83	1	08/27/09 14:50
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
179	<b>2,2',3,3',5,6,6'-Heptachlorobiphenyl</b>	17.8		6.83	1	08/27/09 14:50
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	376		6.83	1	08/27/09 14:50
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
183/185	<b>2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB</b>	93.5		6.83	1	08/27/09 14:50
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
187	<b>2,2',3,4',5,5',6-Heptachlorobiphenyl</b>	48.1		6.83	1	08/27/09 14:50
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
190	<b>2,3,3',4,4',5,6-Heptachlorobiphenyl</b>	41.5		6.83	1	08/27/09 14:50
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		6.83	1	08/27/09 14:50
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	49.3		6.83	1	08/27/09 14:50
195	<b>2,2',3,3',4,4',5,6-Octachlorobiphenyl</b>	19.9		6.83	1	08/27/09 14:50
196	<b>2,2',3,3',4,4',5,6'-Octachlorobiphenyl</b>	17.8		6.83	1	08/27/09 14:50
197/200	<b>2,2',3,3',4,4',6,6'-OxCB/2,2',3,3',4,5,6,6'-OxCB</b>	10.4		6.83	1	08/27/09 14:50
198/199	<b>2,2',3,3',4,5,5',6-OxCB/2,2',3,3',4,5,5',6'-OxCB</b>	49.3		6.83	1	08/27/09 14:50
201	<b>2,2',3,3',4,5',6,6'-Octachlorobiphenyl</b>	10.1		6.83	1	08/27/09 14:50
202	<b>2,2',3,3',5,5',6,6'-Octachlorobiphenyl</b>	17.1		6.83	1	08/27/09 14:50



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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804 **Sample Weight:** %Solids: 66.25 **Sample Wet Weight:** 11.05g **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	<b>2,2',3,4,4',5,5',6-Octachlorobiphenyl</b>	37.1		6.83	1	08/27/09 14:50
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		6.83	1	08/27/09 14:50
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		6.83	1	08/27/09 14:50
206	<b>2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl</b>	49.4		6.83	1	08/27/09 14:50
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		6.83	1	08/27/09 14:50
208	<b>2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl</b>	19.9		6.83	1	08/27/09 14:50
209	<b>2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl</b>	47.1		6.83	1	08/27/09 14:50
1-3	<b>Total Monochlorobiphenyl</b>	12.2		6.83	1	08/27/09 14:50
4-15	<b>Total Dichlorobiphenyl</b>	313		6.83	1	08/27/09 14:50
16-39	<b>Total Trichlorobiphenyl</b>	909		6.83	1	08/27/09 14:50
40-81	<b>Total Tetrachlorobiphenyl</b>	1500		6.83	1	08/27/09 14:50
82-127	<b>Total Pentachlorobiphenyl</b>	3750		6.83	1	08/27/09 14:50
128-169	<b>Total Hexachlorobiphenyl</b>	1680		6.83	1	08/27/09 14:50
170-193	<b>Total Heptachlorobiphenyl</b>	1030		6.83	1	08/27/09 14:50
194-205	<b>Total Octachlorobiphenyl</b>	211		6.83	1	08/27/09 14:50
206-208	<b>Total Nonachlorobiphenyl</b>	69.3		6.83	1	08/27/09 14:50
209	<b>Decachlorobiphenyl</b>	47.1		6.83	1	08/27/09 14:50

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	<i>Surrogate: 13C12-2-Monochlorobiphenyl</i>	26.8		33 %	15-150	08/27/09 14:50
3L	<i>Surrogate: 13C12-4-Monochlorobiphenyl</i>	33.8		42 %	15-150	08/27/09 14:50
4L	<i>Surrogate: 13C12-2,2'-Dichlorobiphenyl</i>	24.9		31 %	25-150	08/27/09 14:50
15L	<i>Surrogate: 13C12-4,4'-Dichlorobiphenyl</i>	47.0		59 %	25-150	08/27/09 14:50
19L	<i>Surrogate: 13C12-2,2',6-Trichlorobiphenyl</i>	36.8		46 %	25-150	08/27/09 14:50
37L	<i>Surrogate: 13C12-3,4,4'-Trichlorobiphenyl</i>	60.2		75 %	25-150	08/27/09 14:50
54L	<i>Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl</i>	27.9		35 %	25-150	08/27/09 14:50
77L	<i>Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl</i>	53.9		67 %	25-150	08/27/09 14:50
81L	<i>Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl</i>	49.1		61 %	25-150	08/27/09 14:50
104L	<i>Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl</i>	27.6		34 %	25-150	08/27/09 14:50
105L	<i>Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl</i>	47.7		60 %	25-150	08/27/09 14:50
114 L	<i>Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl</i>	42.6		53 %	25-150	08/27/09 14:50
118 L	<i>Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl</i>	49.9		62 %	25-150	08/27/09 14:50
123L	<i>Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl</i>	49.2		61 %	25-150	08/27/09 14:50



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-01**Lab ID:** 0907018-01**Sample Matrix:** Sediment**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	51.8		65 %	25-150	08/27/09 14:50
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	33.0		41 %	25-150	08/27/09 14:50
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	111		69 %	25-150	08/27/09 14:50
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	54.8		68 %	25-150	08/27/09 14:50
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	63.9		80 %	25-150	08/27/09 14:50
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	14.8	A	19 %	25-150	08/27/09 14:50
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	42.6		53 %	25-150	08/27/09 14:50
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	34.6		43 %	25-150	08/27/09 14:50
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	38.4		48 %	25-150	08/27/09 14:50
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	34.9		44 %	25-150	08/27/09 14:50
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	34.2		43 %	25-150	08/27/09 14:50
209L	Surrogate: 13C12-Decachlorobiphenyl	20.9		26 %	25-150	08/27/09 14:50
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	53.0		66 %	30-135	08/27/09 14:50
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	54.4		68 %	30-135	08/27/09 14:50
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	33.0		41 %	30-135	08/27/09 14:50



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92804    **Sample Weight:**    **%Solids:** 63.18    **Sample Wet Weight:** 8.6g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	5.34	J	9.20	1	08/27/09 15:54
2	3-Monochlorobiphenyl	U		9.20	1	08/27/09 15:54
3	<b>4-Monochlorobiphenyl</b>	7.91	J	9.20	1	08/27/09 15:54
4	<b>2,2'-Dichlorobiphenyl</b>	49.4	B	9.20	1	08/27/09 15:54
5	2,3-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
6	2,3'-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
7	2,4-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
8	<b>2,4'-Dichlorobiphenyl</b>	76.9	EMPC	9.20	1	08/27/09 15:54
9	2,5-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
10	2,6-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
11	<b>3,3'-Dichlorobiphenyl</b>	185		9.20	1	08/27/09 15:54
12/13	3,4-DiCB/3,4'-DiCB	U		9.20	1	08/27/09 15:54
14	3,5-Dichlorobiphenyl	U		9.20	1	08/27/09 15:54
15	<b>4,4'-Dichlorobiphenyl</b>	108	EMPC	9.20	1	08/27/09 15:54
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	39.3		9.20	1	08/27/09 15:54
17	<b>2,2',4-Trichlorobiphenyl</b>	55.9		9.20	1	08/27/09 15:54
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	150		9.20	1	08/27/09 15:54
19	2,2',6-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	396		9.20	1	08/27/09 15:54
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	105	B	9.20	1	08/27/09 15:54
22	<b>2,3,4'-Trichlorobiphenyl</b>	152	EMPC	9.20	1	08/27/09 15:54
23	2,3,5-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
25	2,3',4-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
26/29	<b>2,3',5-TrCB/2,4,5-TrCB</b>	58.4	B	9.20	1	08/27/09 15:54
27	2,3',6-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
31	<b>2,4',5-Trichlorobiphenyl</b>	318		9.20	1	08/27/09 15:54
32	<b>2,4',6-Trichlorobiphenyl</b>	83.4	B	9.20	1	08/27/09 15:54
34	2,3',5'-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
35	3,3',4-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
36	3,3',5-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
37	<b>3,4,4'-Trichlorobiphenyl</b>	71.8		9.20	1	08/27/09 15:54
38	3,4,5-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
39	3,4',5-Trichlorobiphenyl	U		9.20	1	08/27/09 15:54
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	89.4		9.20	1	08/27/09 15:54
42	<b>2,2',3,4'-Tetrachlorobiphenyl</b>	63.5		9.20	1	08/27/09 15:54
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		9.20	1	08/27/09 15:54
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	227		9.20	1	08/27/09 15:54
45/51	<b>2,2',3,6-TeCB/2,2',4,6'-TeCB</b>	39.4	B	9.20	1	08/27/09 15:54
46	2,2',3,6'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 63.18    **Sample Wet Weight:** 8.6g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	150		9.20	1	08/27/09 15:54
50/53	<b>2,2',4,6-TeCB/2,2',5,6'-TeCB</b>	30.1	B	9.20	1	08/27/09 15:54
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	344		9.20	1	08/27/09 15:54
54	2,2',6,6'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
55	2,3,3',4-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
56	2,3,3',4'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
57	2,3,3',5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
58	2,3,3',5'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		9.20	1	08/27/09 15:54
60	<b>2,3,4,4'-Tetrachlorobiphenyl</b>	173		9.20	1	08/27/09 15:54
61/70/74/76	<b>TeCB-61/70/74/76</b>	919		9.20	1	08/27/09 15:54
63	2,3,4',5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	82.7		9.20	1	08/27/09 15:54
66	2,3',4,4'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
67	2,3',4,5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
68	2,3',4,5'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
72	2,3',5,5'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
77	<b>3,3',4,4'-Tetrachlorobiphenyl</b>	28.8		9.20	1	08/27/09 15:54
78	3,3',4,5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
79	<b>3,3',4,5'-Tetrachlorobiphenyl</b>	15.6		9.20	1	08/27/09 15:54
80	3,3',5,5'-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
81	3,4,4',5-Tetrachlorobiphenyl	U		9.20	1	08/27/09 15:54
82	<b>2,2',3,3',4-Pentachlorobiphenyl</b>	86.6		9.20	1	08/27/09 15:54
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	327		9.20	1	08/27/09 15:54
84	<b>2,2',3,3',6-Pentachlorobiphenyl</b>	210		9.20	1	08/27/09 15:54
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	112		9.20	1	08/27/09 15:54
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	574		9.20	1	08/27/09 15:54
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		9.20	1	08/27/09 15:54
89	2,2',3,4,6'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	689		9.20	1	08/27/09 15:54
92	<b>2,2',3,5,5'-Pentachlorobiphenyl</b>	68.8		9.20	1	08/27/09 15:54
93/100	<b>2,2',3,5,6-PeCB/2,2',4,4',6-PeCB</b>	447		9.20	1	08/27/09 15:54
94	2,2',3,5,6'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
95	2,2',3,5',6-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
96	2,2',3,6,6'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 63.18    **Sample Wet Weight:** 8.6g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		9.20	1	08/27/09 15:54
103	2,2',4,5',6-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
104	2,2',4,6,6'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	367		9.20	1	08/27/09 15:54
106	2,3,3',4,5-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
107	<b>2,3,3',4',5-Pentachlorobiphenyl</b>	56.8		9.20	1	08/27/09 15:54
108/124	<b>2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB</b>	35.9		9.20	1	08/27/09 15:54
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	1070		9.20	1	08/27/09 15:54
111	2,3,3',5,5'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
114	2,3,4,4',5-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	684		9.20	1	08/27/09 15:54
120	2,3',4,5,5'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
121	2,3',4,5',6-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
122	2,3,3',4',5'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
123	2,3',4,4',5'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
126	3,3',4,4',5-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
127	3,3',4,5,5'-Pentachlorobiphenyl	U		9.20	1	08/27/09 15:54
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		9.20	1	08/27/09 15:54
129/138/163	<b>HxCB-129/138/163</b>	705		9.20	1	08/27/09 15:54
130	<b>2,2',3,3',4,5'-Hexachlorobiphenyl</b>	39.5		9.20	1	08/27/09 15:54
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		9.20	1	08/27/09 15:54
135/151	<b>2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB</b>	107		9.20	1	08/27/09 15:54
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
137	<b>2,2',3,4,4',5-Hexachlorobiphenyl</b>	80.4		9.20	1	08/27/09 15:54
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		9.20	1	08/27/09 15:54
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
142	<b>2,2',3,4,5,6-Hexachlorobiphenyl</b>	167		9.20	1	08/27/09 15:54
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
146	<b>2,2',3,4',5,5'-Hexachlorobiphenyl</b>	76.1	EMPC	9.20	1	08/27/09 15:54
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	328		9.20	1	08/27/09 15:54
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	606		9.20	1	08/27/09 15:54
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54





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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 63.18    **Sample Wet Weight:** 8.6g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	151		9.20	1	08/27/09 15:54
158	<b>2,3,3',4,4',6-Hexachlorobiphenyl</b>	91.4		9.20	1	08/27/09 15:54
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
167	<b>2,3',4,4',5,5'-Hexachlorobiphenyl</b>	41.6		9.20	1	08/27/09 15:54
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		9.20	1	08/27/09 15:54
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	187		9.20	1	08/27/09 15:54
171/173	<b>2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB</b>	58.8		9.20	1	08/27/09 15:54
172	<b>2,2',3,3',4,5,5'-Heptachlorobiphenyl</b>	32.8		9.20	1	08/27/09 15:54
174	<b>2,2',3,3',4,5,6'-Heptachlorobiphenyl</b>	223		9.20	1	08/27/09 15:54
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
177	<b>2,2',3,3',4,5',6'-Heptachlorobiphenyl</b>	102		9.20	1	08/27/09 15:54
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
179	<b>2,2',3,3',5,6,6'-Heptachlorobiphenyl</b>	26.5		9.20	1	08/27/09 15:54
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	460		9.20	1	08/27/09 15:54
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
183/185	<b>2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB</b>	119		9.20	1	08/27/09 15:54
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
190	<b>2,3,3',4,4',5,6-Heptachlorobiphenyl</b>	48.9		9.20	1	08/27/09 15:54
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		9.20	1	08/27/09 15:54
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	66.0		9.20	1	08/27/09 15:54
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		9.20	1	08/27/09 15:54
196	<b>2,2',3,3',4,4',5,6'-Octachlorobiphenyl</b>	22.6	EMPC	9.20	1	08/27/09 15:54
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		9.20	1	08/27/09 15:54
198/199	<b>2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB</b>	60.0		9.20	1	08/27/09 15:54
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		9.20	1	08/27/09 15:54
202	<b>2,2',3,3',5,5',6,6'-Octachlorobiphenyl</b>	25.6		9.20	1	08/27/09 15:54





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701 Mapes Road  
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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 63.18    **Sample Wet Weight:** 8.6g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	<b>2,2',3,4,4',5,5',6-Octachlorobiphenyl</b>	44.6		9.20	1	08/27/09 15:54
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		9.20	1	08/27/09 15:54
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		9.20	1	08/27/09 15:54
206	<b>2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl</b>	53.4	B	9.20	1	08/27/09 15:54
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		9.20	1	08/27/09 15:54
208	<b>2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl</b>	18.3		9.20	1	08/27/09 15:54
209	<b>2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl</b>	39.2	B	9.20	1	08/27/09 15:54
1-3	<b>Total Monochlorobiphenyl</b>	13.3		9.20	1	08/27/09 15:54
4-15	<b>Total Dichlorobiphenyl</b>	420		9.20	1	08/27/09 15:54
16-39	<b>Total Trichlorobiphenyl</b>	1430		9.20	1	08/27/09 15:54
40-81	<b>Total Tetrachlorobiphenyl</b>	2160		9.20	1	08/27/09 15:54
82-127	<b>Total Pentachlorobiphenyl</b>	4720		9.20	1	08/27/09 15:54
128-169	<b>Total Hexachlorobiphenyl</b>	2450		9.20	1	08/27/09 15:54
170-193	<b>Total Heptachlorobiphenyl</b>	1260		9.20	1	08/27/09 15:54
194-205	<b>Total Octachlorobiphenyl</b>	219		9.20	1	08/27/09 15:54
206-208	<b>Total Nonachlorobiphenyl</b>	71.7		9.20	1	08/27/09 15:54
209	<b>Decachlorobiphenyl</b>	39.2	B	9.20	1	08/27/09 15:54

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	<i>Surrogate: 13C12-2-Monochlorobiphenyl</i>	26.0		32 %	15-150	08/27/09 15:54
3L	<i>Surrogate: 13C12-4-Monochlorobiphenyl</i>	31.4		39 %	15-150	08/27/09 15:54
4L	<i>Surrogate: 13C12-2,2'-Dichlorobiphenyl</i>	23.3		29 %	25-150	08/27/09 15:54
15L	<i>Surrogate: 13C12-4,4'-Dichlorobiphenyl</i>	47.8		60 %	25-150	08/27/09 15:54
19L	<i>Surrogate: 13C12-2,2',6-Trichlorobiphenyl</i>	36.2		45 %	25-150	08/27/09 15:54
37L	<i>Surrogate: 13C12-3,4,4'-Trichlorobiphenyl</i>	58.8	EMPC	73 %	25-150	08/27/09 15:54
54L	<i>Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl</i>	25.4		32 %	25-150	08/27/09 15:54
77L	<i>Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl</i>	56.3		70 %	25-150	08/27/09 15:54
81L	<i>Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl</i>	50.3		63 %	25-150	08/27/09 15:54
104L	<i>Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl</i>	22.6		28 %	25-150	08/27/09 15:54
105L	<i>Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl</i>	49.8		62 %	25-150	08/27/09 15:54
114 L	<i>Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl</i>	44.3		55 %	25-150	08/27/09 15:54
118 L	<i>Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl</i>	61.6		77 %	25-150	08/27/09 15:54
123L	<i>Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl</i>	52.4		66 %	25-150	08/27/09 15:54



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-02**Lab ID:** 0907018-02**Sample Matrix:** Sediment**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	53.9		67 %	25-150	08/27/09 15:54
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	28.4		36 %	25-150	08/27/09 15:54
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	108		68 %	25-150	08/27/09 15:54
167L	Surrogate: 13C12-2,3,4,4',5,5'-Hexachlorobiphenyl	54.2		68 %	25-150	08/27/09 15:54
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	56.6		71 %	25-150	08/27/09 15:54
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	13.7	A	17 %	25-150	08/27/09 15:54
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	44.6		56 %	25-150	08/27/09 15:54
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	33.8		42 %	25-150	08/27/09 15:54
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	39.2		49 %	25-150	08/27/09 15:54
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	37.1		46 %	25-150	08/27/09 15:54
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	37.5		47 %	25-150	08/27/09 15:54
209L	Surrogate: 13C12-Decachlorobiphenyl	25.7		32 %	25-150	08/27/09 15:54
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	57.5		72 %	30-135	08/27/09 15:54
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	57.1		71 %	30-135	08/27/09 15:54
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	31.6		40 %	30-135	08/27/09 15:54



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-03**Lab ID:** 0907018-03**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92804    **Sample Weight:**    **%Solids:** 65.10    **Sample Wet Weight:** 4.93g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	12.8	EMPC, J	15.6	1	08/27/09 16:59
2	3-Monochlorobiphenyl	U		15.6	1	08/27/09 16:59
3	4-Monochlorobiphenyl	U		15.6	1	08/27/09 16:59
4	<b>2,2'-Dichlorobiphenyl</b>	53.4	B	15.6	1	08/27/09 16:59
5	2,3-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
6	2,3'-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
7	2,4-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
8	<b>2,4'-Dichlorobiphenyl</b>	42.1		15.6	1	08/27/09 16:59
9	2,5-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
10	2,6-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
11	<b>3,3'-Dichlorobiphenyl</b>	272		15.6	1	08/27/09 16:59
12/13	3,4-DiCB/3,4'-DiCB	U		15.6	1	08/27/09 16:59
14	3,5-Dichlorobiphenyl	U		15.6	1	08/27/09 16:59
15	<b>4,4'-Dichlorobiphenyl</b>	134	EMPC	15.6	1	08/27/09 16:59
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	47.7		15.6	1	08/27/09 16:59
17	<b>2,2',4-Trichlorobiphenyl</b>	49.1		15.6	1	08/27/09 16:59
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	141		15.6	1	08/27/09 16:59
19	<b>2,2',6-Trichlorobiphenyl</b>	30.5	B	15.6	1	08/27/09 16:59
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	520		15.6	1	08/27/09 16:59
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	209		15.6	1	08/27/09 16:59
22	2,3,4'-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
23	2,3,5-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
25	2,3',4-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
26/29	2,3',5-TrCB/2,4,5-TrCB	U		15.6	1	08/27/09 16:59
27	2,3',6-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
31	<b>2,4',5-Trichlorobiphenyl</b>	346		15.6	1	08/27/09 16:59
32	<b>2,4',6-Trichlorobiphenyl</b>	92.7	B	15.6	1	08/27/09 16:59
34	2,3',5'-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
35	3,3',4-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
36	3,3',5-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
37	<b>3,4,4'-Trichlorobiphenyl</b>	89.4		15.6	1	08/27/09 16:59
38	3,4,5-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
39	3,4',5-Trichlorobiphenyl	U		15.6	1	08/27/09 16:59
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	101		15.6	1	08/27/09 16:59
42	<b>2,2',3,4'-Tetrachlorobiphenyl</b>	64.3		15.6	1	08/27/09 16:59
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		15.6	1	08/27/09 16:59
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	297		15.6	1	08/27/09 16:59
45/51	<b>2,2',3,6-TeCB/2,2',4,6'-TeCB</b>	40.5	B	15.6	1	08/27/09 16:59
46	2,2',3,6'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59



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701 Mapes Road  
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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-03**Lab ID:** 0907018-03**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 65.10    **Sample Wet Weight:** 4.93g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	176		15.6	1	08/27/09 16:59
50/53	<b>2,2',4,6-TeCB/2,2',5,6'-TeCB</b>	33.2	B	15.6	1	08/27/09 16:59
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	376		15.6	1	08/27/09 16:59
54	2,2',6,6'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
55	<b>2,3,3',4-Tetrachlorobiphenyl</b>	153		15.6	1	08/27/09 16:59
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	179		15.6	1	08/27/09 16:59
57	2,3,3',5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
58	2,3,3',5'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		15.6	1	08/27/09 16:59
60	2,3,4,4'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
61/70/74/76	<b>TeCB-61/70/74/76</b>	990		15.6	1	08/27/09 16:59
63	2,3,4',5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	133		15.6	1	08/27/09 16:59
66	2,3',4,4'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
67	2,3',4,5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
68	2,3',4,5'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
72	2,3',5,5'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
77	<b>3,3',4,4'-Tetrachlorobiphenyl</b>	24.8	B	15.6	1	08/27/09 16:59
78	3,3',4,5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
79	3,3',4,5'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
80	3,3',5,5'-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
81	3,4,4',5-Tetrachlorobiphenyl	U		15.6	1	08/27/09 16:59
82	<b>2,2',3,3',4-Pentachlorobiphenyl</b>	91.8		15.6	1	08/27/09 16:59
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	370		15.6	1	08/27/09 16:59
84	<b>2,2',3,3',6-Pentachlorobiphenyl</b>	274		15.6	1	08/27/09 16:59
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	102		15.6	1	08/27/09 16:59
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	663		15.6	1	08/27/09 16:59
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		15.6	1	08/27/09 16:59
89	2,2',3,4,6'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	788		15.6	1	08/27/09 16:59
92	<b>2,2',3,5,5'-Pentachlorobiphenyl</b>	121		15.6	1	08/27/09 16:59
93/100	<b>2,2',3,5,6-PeCB/2,2',4,4',6-PeCB</b>	499		15.6	1	08/27/09 16:59
94	2,2',3,5,6'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
95	2,2',3,5',6-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
96	2,2',3,6,6'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-03**Lab ID:** 0907018-03**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 65.10    **Sample Wet Weight:** 4.93g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		15.6	1	08/27/09 16:59
103	2,2',4,5',6-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
104	2,2',4,6,6'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	415		15.6	1	08/27/09 16:59
106	2,3,3',4,5-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
107	<b>2,3,3',4',5-Pentachlorobiphenyl</b>	53.6		15.6	1	08/27/09 16:59
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		15.6	1	08/27/09 16:59
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	1220		15.6	1	08/27/09 16:59
111	2,3,3',5,5'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
114	<b>2,3,4,4',5-Pentachlorobiphenyl</b>	24.0	EMPC	15.6	1	08/27/09 16:59
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	872		15.6	1	08/27/09 16:59
120	2,3',4,5,5'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
121	2,3',4,5',6-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
122	2,3,3',4',5'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
123	2,3',4,4',5'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
126	3,3',4,4',5-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
127	3,3',4,5,5'-Pentachlorobiphenyl	U		15.6	1	08/27/09 16:59
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		15.6	1	08/27/09 16:59
129/138/163	<b>HxCB-129/138/163</b>	711		15.6	1	08/27/09 16:59
130	<b>2,2',3,3',4,5'-Hexachlorobiphenyl</b>	36.3		15.6	1	08/27/09 16:59
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		15.6	1	08/27/09 16:59
135/151	<b>2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB</b>	133		15.6	1	08/27/09 16:59
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
137	<b>2,2',3,4,4',5-Hexachlorobiphenyl</b>	87.7		15.6	1	08/27/09 16:59
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		15.6	1	08/27/09 16:59
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
142	<b>2,2',3,4,5,6-Hexachlorobiphenyl</b>	177		15.6	1	08/27/09 16:59
144	<b>2,2',3,4,5',6-Hexachlorobiphenyl</b>	346		15.6	1	08/27/09 16:59
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
146	<b>2,2',3,4',5,5'-Hexachlorobiphenyl</b>	74.6		15.6	1	08/27/09 16:59
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	U		15.6	1	08/27/09 16:59
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
150	<b>2,2',3,4',6,6'-Hexachlorobiphenyl</b>	58.1		15.6	1	08/27/09 16:59
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	605		15.6	1	08/27/09 16:59
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-03**Lab ID:** 0907018-03**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 65.10    **Sample Wet Weight:** 4.93g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	155		15.6	1	08/27/09 16:59
158	<b>2,3,3',4,4',6-Hexachlorobiphenyl</b>	91.9		15.6	1	08/27/09 16:59
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
167	<b>2,3',4,4',5,5'-Hexachlorobiphenyl</b>	44.2		15.6	1	08/27/09 16:59
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		15.6	1	08/27/09 16:59
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	209		15.6	1	08/27/09 16:59
171/173	<b>2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB</b>	76.3		15.6	1	08/27/09 16:59
172	<b>2,2',3,3',4,5,5'-Heptachlorobiphenyl</b>	39.7		15.6	1	08/27/09 16:59
174	<b>2,2',3,3',4,5,6'-Heptachlorobiphenyl</b>	260		15.6	1	08/27/09 16:59
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
177	<b>2,2',3,3',4,5',6'-Heptachlorobiphenyl</b>	118		15.6	1	08/27/09 16:59
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
179	<b>2,2',3,3',5,6,6'-Heptachlorobiphenyl</b>	26.6		15.6	1	08/27/09 16:59
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	534		15.6	1	08/27/09 16:59
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
183/185	<b>2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB</b>	141		15.6	1	08/27/09 16:59
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		15.6	1	08/27/09 16:59
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	68.9		15.6	1	08/27/09 16:59
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59
196	<b>2,2',3,3',4,4',5,6'-Octachlorobiphenyl</b>	30.1		15.6	1	08/27/09 16:59
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		15.6	1	08/27/09 16:59
198/199	<b>2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB</b>	68.4	EMPC	15.6	1	08/27/09 16:59
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59



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Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		15.6	1	08/27/09 16:59
206	<b>2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl</b>	68.4		15.6	1	08/27/09 16:59
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		15.6	1	08/27/09 16:59
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		15.6	1	08/27/09 16:59
209	<b>2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl</b>	49.2	B	15.6	1	08/27/09 16:59
1-3	<b>Total Monochlorobiphenyl</b>	12.8	J	15.6	1	08/27/09 16:59
4-15	<b>Total Dichlorobiphenyl</b>	501		15.6	1	08/27/09 16:59
16-39	<b>Total Trichlorobiphenyl</b>	1530		15.6	1	08/27/09 16:59
40-81	<b>Total Tetrachlorobiphenyl</b>	2570		15.6	1	08/27/09 16:59
82-127	<b>Total Pentachlorobiphenyl</b>	5490		15.6	1	08/27/09 16:59
128-169	<b>Total Hexachlorobiphenyl</b>	2520		15.6	1	08/27/09 16:59
170-193	<b>Total Heptachlorobiphenyl</b>	1410		15.6	1	08/27/09 16:59
194-205	<b>Total Octachlorobiphenyl</b>	167	B	15.6	1	08/27/09 16:59
206-208	<b>Total Nonachlorobiphenyl</b>	68.4		15.6	1	08/27/09 16:59
209	<b>Decachlorobiphenyl</b>	49.2	B	15.6	1	08/27/09 16:59

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	<i>Surrogate: 13C12-2-Monochlorobiphenyl</i>	29.2		36 %	15-150	08/27/09 16:59
3L	<i>Surrogate: 13C12-4-Monochlorobiphenyl</i>	35.6		44 %	15-150	08/27/09 16:59
4L	<i>Surrogate: 13C12-2,2'-Dichlorobiphenyl</i>	24.7		31 %	25-150	08/27/09 16:59
15L	<i>Surrogate: 13C12-4,4'-Dichlorobiphenyl</i>	52.7		66 %	25-150	08/27/09 16:59
19L	<i>Surrogate: 13C12-2,2',6-Trichlorobiphenyl</i>	40.9		51 %	25-150	08/27/09 16:59
37L	<i>Surrogate: 13C12-3,4,4'-Trichlorobiphenyl</i>	65.0		81 %	25-150	08/27/09 16:59
54L	<i>Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl</i>	27.2		34 %	25-150	08/27/09 16:59
77L	<i>Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl</i>	68.3		85 %	25-150	08/27/09 16:59
81L	<i>Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl</i>	62.3		78 %	25-150	08/27/09 16:59
104L	<i>Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl</i>	23.4		29 %	25-150	08/27/09 16:59
105L	<i>Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl</i>	62.5		78 %	25-150	08/27/09 16:59
114 L	<i>Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl</i>	52.0		65 %	25-150	08/27/09 16:59
118 L	<i>Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl</i>	62.7		78 %	25-150	08/27/09 16:59
123L	<i>Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl</i>	58.0		72 %	25-150	08/27/09 16:59





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-03**Lab ID:** 0907018-03**Sample Matrix:** Sediment**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	59.9		75 %	25-150	08/27/09 16:59
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	34.0		42 %	25-150	08/27/09 16:59
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	131		82 %	25-150	08/27/09 16:59
167L	Surrogate: 13C12-2,3,4,4',5,5'-Hexachlorobiphenyl	68.7		86 %	25-150	08/27/09 16:59
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	67.7		85 %	25-150	08/27/09 16:59
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	15.6	A	20 %	25-150	08/27/09 16:59
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	50.1		63 %	25-150	08/27/09 16:59
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	41.0		51 %	25-150	08/27/09 16:59
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	46.9		59 %	25-150	08/27/09 16:59
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	43.7		55 %	25-150	08/27/09 16:59
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	45.2		56 %	25-150	08/27/09 16:59
209L	Surrogate: 13C12-Decachlorobiphenyl	26.9		34 %	25-150	08/27/09 16:59
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	67.5		84 %	30-135	08/27/09 16:59
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	64.6		81 %	30-135	08/27/09 16:59
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	24.6		31 %	30-135	08/27/09 16:59



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Region 3 Environmental Science Center  
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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92804 **Sample Weight:** %Solids: 68.89 **Sample Wet Weight:** 8.04g **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	6.32	J	9.03	1	08/27/09 18:03
2	3-Monochlorobiphenyl	U		9.03	1	08/27/09 18:03
3	<b>4-Monochlorobiphenyl</b>	10.7		9.03	1	08/27/09 18:03
4	<b>2,2'-Dichlorobiphenyl</b>	39.9	B	9.03	1	08/27/09 18:03
5	2,3-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
6	2,3'-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
7	2,4-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
8	<b>2,4'-Dichlorobiphenyl</b>	48.4		9.03	1	08/27/09 18:03
9	2,5-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
10	2,6-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
11	<b>3,3'-Dichlorobiphenyl</b>	250	EMPC	9.03	1	08/27/09 18:03
12/13	3,4-DiCB/3,4'-DiCB	U		9.03	1	08/27/09 18:03
14	3,5-Dichlorobiphenyl	U		9.03	1	08/27/09 18:03
15	<b>4,4'-Dichlorobiphenyl</b>	63.7		9.03	1	08/27/09 18:03
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	57.0		9.03	1	08/27/09 18:03
17	<b>2,2',4-Trichlorobiphenyl</b>	65.5		9.03	1	08/27/09 18:03
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	166		9.03	1	08/27/09 18:03
19	<b>2,2',6-Trichlorobiphenyl</b>	22.5	B	9.03	1	08/27/09 18:03
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	482		9.03	1	08/27/09 18:03
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	164		9.03	1	08/27/09 18:03
22	<b>2,3,4'-Trichlorobiphenyl</b>	155		9.03	1	08/27/09 18:03
23	2,3,5-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
25	<b>2,3',4-Trichlorobiphenyl</b>	33.5	EMPC	9.03	1	08/27/09 18:03
26/29	<b>2,3',5-TrCB/2,4,5-TrCB</b>	58.8		9.03	1	08/27/09 18:03
27	<b>2,3',6-Trichlorobiphenyl</b>	19.8		9.03	1	08/27/09 18:03
31	<b>2,4',5-Trichlorobiphenyl</b>	396		9.03	1	08/27/09 18:03
32	<b>2,4',6-Trichlorobiphenyl</b>	95.5	B	9.03	1	08/27/09 18:03
34	2,3',5'-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
35	3,3',4-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
36	3,3',5-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
37	<b>3,4,4'-Trichlorobiphenyl</b>	70.2		9.03	1	08/27/09 18:03
38	3,4,5-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
39	3,4',5-Trichlorobiphenyl	U		9.03	1	08/27/09 18:03
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	134		9.03	1	08/27/09 18:03
42	<b>2,2',3,4'-Tetrachlorobiphenyl</b>	49.8		9.03	1	08/27/09 18:03
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		9.03	1	08/27/09 18:03
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	320		9.03	1	08/27/09 18:03
45/51	<b>2,2',3,6-TeCB/2,2',4,6'-TeCB</b>	47.1	B	9.03	1	08/27/09 18:03
46	<b>2,2',3,6'-Tetrachlorobiphenyl</b>	14.9	EMPC	9.03	1	08/27/09 18:03



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 68.89    **Sample Wet Weight:** 8.04g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	177		9.03	1	08/27/09 18:03
50/53	<b>2,2',4,6-TeCB/2,2',5,6'-TeCB</b>	35.7	B	9.03	1	08/27/09 18:03
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	389		9.03	1	08/27/09 18:03
54	2,2',6,6'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
55	2,3,3',4-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	207		9.03	1	08/27/09 18:03
57	2,3,3',5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
58	2,3,3',5'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		9.03	1	08/27/09 18:03
60	2,3,4,4'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
61/70/74/76	<b>TeCB-61/70/74/76</b>	1050		9.03	1	08/27/09 18:03
63	2,3,4',5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	130		9.03	1	08/27/09 18:03
66	2,3',4,4'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
67	2,3',4,5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
68	2,3',4,5'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
72	2,3',5,5'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
77	<b>3,3',4,4'-Tetrachlorobiphenyl</b>	30.0		9.03	1	08/27/09 18:03
78	3,3',4,5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
79	3,3',4,5'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
80	3,3',5,5'-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
81	3,4,4',5-Tetrachlorobiphenyl	U		9.03	1	08/27/09 18:03
82	<b>2,2',3,3',4-Pentachlorobiphenyl</b>	124		9.03	1	08/27/09 18:03
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	403		9.03	1	08/27/09 18:03
84	<b>2,2',3,3',6-Pentachlorobiphenyl</b>	280		9.03	1	08/27/09 18:03
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	140		9.03	1	08/27/09 18:03
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	714		9.03	1	08/27/09 18:03
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		9.03	1	08/27/09 18:03
89	2,2',3,4,6'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	874		9.03	1	08/27/09 18:03
92	<b>2,2',3,5,5'-Pentachlorobiphenyl</b>	144		9.03	1	08/27/09 18:03
93/100	<b>2,2',3,5,6-PeCB/2,2',4,4',6-PeCB</b>	579		9.03	1	08/27/09 18:03
94	2,2',3,5,6'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
95	2,2',3,5',6-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
96	2,2',3,6,6'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 68.89    **Sample Wet Weight:** 8.04g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		9.03	1	08/27/09 18:03
103	2,2',4,5',6-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
104	2,2',4,6,6'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	397		9.03	1	08/27/09 18:03
106	2,3,3',4,5-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
107	<b>2,3,3',4',5-Pentachlorobiphenyl</b>	102		9.03	1	08/27/09 18:03
108/124	<b>2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB</b>	38.6		9.03	1	08/27/09 18:03
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	1370		9.03	1	08/27/09 18:03
111	2,3,3',5,5'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
114	2,3,4,4',5-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	613		9.03	1	08/27/09 18:03
120	2,3',4,5,5'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
121	2,3',4,5',6-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
122	2,3,3',4',5'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
123	2,3',4,4',5'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
126	3,3',4,4',5-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
127	3,3',4,5,5'-Pentachlorobiphenyl	U		9.03	1	08/27/09 18:03
128/166	<b>2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB</b>	220		9.03	1	08/27/09 18:03
129/138/163	<b>HxCB-129/138/163</b>	810		9.03	1	08/27/09 18:03
130	<b>2,2',3,3',4,5'-Hexachlorobiphenyl</b>	35.4		9.03	1	08/27/09 18:03
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		9.03	1	08/27/09 18:03
135/151	<b>2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB</b>	136		9.03	1	08/27/09 18:03
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
137	<b>2,2',3,4,4',5-Hexachlorobiphenyl</b>	88.6		9.03	1	08/27/09 18:03
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		9.03	1	08/27/09 18:03
141	<b>2,2',3,4,5,5'-Hexachlorobiphenyl</b>	201		9.03	1	08/27/09 18:03
142	<b>2,2',3,4,5,6-Hexachlorobiphenyl</b>	210		9.03	1	08/27/09 18:03
144	<b>2,2',3,4,5',6-Hexachlorobiphenyl</b>	426		9.03	1	08/27/09 18:03
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
146	<b>2,2',3,4',5,5'-Hexachlorobiphenyl</b>	86.7		9.03	1	08/27/09 18:03
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	U		9.03	1	08/27/09 18:03
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
150	<b>2,2',3,4',6,6'-Hexachlorobiphenyl</b>	72.6		9.03	1	08/27/09 18:03
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	529		9.03	1	08/27/09 18:03
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92804    **Sample Weight:**    **%Solids:** 68.89    **Sample Wet Weight:** 8.04g    **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	174		9.03	1	08/27/09 18:03
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
160	<b>2,3,3',4,5,6-Hexachlorobiphenyl</b>	107		9.03	1	08/27/09 18:03
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		9.03	1	08/27/09 18:03
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	207		9.03	1	08/27/09 18:03
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		9.03	1	08/27/09 18:03
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
179	<b>2,2',3,3',5,6,6'-Heptachlorobiphenyl</b>	27.5	EMPC	9.03	1	08/27/09 18:03
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	513		9.03	1	08/27/09 18:03
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
183/185	<b>2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB</b>	400		9.03	1	08/27/09 18:03
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
187	<b>2,2',3,4',5,5',6-Heptachlorobiphenyl</b>	330		9.03	1	08/27/09 18:03
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		9.03	1	08/27/09 18:03
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	90.0		9.03	1	08/27/09 18:03
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		9.03	1	08/27/09 18:03
198/199	<b>2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB</b>	56.1		9.03	1	08/27/09 18:03
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92804 **Sample Weight:** %Solids: 68.89 **Sample Wet Weight:** 8.04g **Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/g dry	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		9.03	1	08/27/09 18:03
206	<b>2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl</b>	63.6		9.03	1	08/27/09 18:03
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		9.03	1	08/27/09 18:03
208	<b>2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl</b>	25.5		9.03	1	08/27/09 18:03
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		9.03	1	08/27/09 18:03
1-3	<b>Total Monochlorobiphenyl</b>	17.0		9.03	1	08/27/09 18:03
4-15	<b>Total Dichlorobiphenyl</b>	402		9.03	1	08/27/09 18:03
16-39	<b>Total Trichlorobiphenyl</b>	1790		9.03	1	08/27/09 18:03
40-81	<b>Total Tetrachlorobiphenyl</b>	2580		9.03	1	08/27/09 18:03
82-127	<b>Total Pentachlorobiphenyl</b>	5780		9.03	1	08/27/09 18:03
128-169	<b>Total Hexachlorobiphenyl</b>	3100		9.03	1	08/27/09 18:03
170-193	<b>Total Heptachlorobiphenyl</b>	1480		9.03	1	08/27/09 18:03
194-205	<b>Total Octachlorobiphenyl</b>	146		9.03	1	08/27/09 18:03
206-208	<b>Total Nonachlorobiphenyl</b>	89.2		9.03	1	08/27/09 18:03
209	Decachlorobiphenyl	U		9.03	1	08/27/09 18:03

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	34.1		43 %	15-150	08/27/09 18:03
3L	Surrogate: 13C12-4-Monochlorobiphenyl	42.1		53 %	15-150	08/27/09 18:03
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	26.6		33 %	25-150	08/27/09 18:03
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	52.5		66 %	25-150	08/27/09 18:03
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	44.3		55 %	25-150	08/27/09 18:03
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	61.0		76 %	25-150	08/27/09 18:03
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	27.2		34 %	25-150	08/27/09 18:03
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	59.6		75 %	25-150	08/27/09 18:03
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	56.6		71 %	25-150	08/27/09 18:03
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	18.5	A	23 %	25-150	08/27/09 18:03
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	51.1		64 %	25-150	08/27/09 18:03
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	46.8		59 %	25-150	08/27/09 18:03
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	67.6		84 %	25-150	08/27/09 18:03
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	49.9		62 %	25-150	08/27/09 18:03



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** SD-04**Lab ID:** 0907018-04**Sample Matrix:** Sediment**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	10.7	A	13 %	25-150	08/27/09 18:03
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	30.7		38 %	25-150	08/27/09 18:03
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	102		64 %	25-150	08/27/09 18:03
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	52.6		66 %	25-150	08/27/09 18:03
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	49.4		62 %	25-150	08/27/09 18:03
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	17.2	A	21 %	25-150	08/27/09 18:03
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	51.1		64 %	25-150	08/27/09 18:03
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	41.6		52 %	25-150	08/27/09 18:03
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	43.6		54 %	25-150	08/27/09 18:03
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	41.1		51 %	25-150	08/27/09 18:03
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	43.7		55 %	25-150	08/27/09 18:03
209L	Surrogate: 13C12-Decachlorobiphenyl	28.7		36 %	25-150	08/27/09 18:03
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	68.8		86 %	30-135	08/27/09 18:03
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	60.6		76 %	30-135	08/27/09 18:03
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	22.2	A	28 %	30-135	08/27/09 18:03





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets

**Batch:** BG92803 **Sample Volume:** 1000ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	184		50.0	1	08/27/09 13:45
2	3-Monochlorobiphenyl	U		50.0	1	08/27/09 13:45
3	<b>4-Monochlorobiphenyl</b>	180		50.0	1	08/27/09 13:45
4	2,2'-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
5	2,3-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
6	<b>2,3'-Dichlorobiphenyl</b>	164	EMPC	50.0	1	08/27/09 13:45
7	2,4-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
8	<b>2,4'-Dichlorobiphenyl</b>	1560	EMPC	50.0	1	08/27/09 13:45
9	2,5-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
10	2,6-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
11	<b>3,3'-Dichlorobiphenyl</b>	748	EMPC	50.0	1	08/27/09 13:45
12/13	3,4-DiCB/3,4'-DiCB	U		50.0	1	08/27/09 13:45
14	3,5-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
15	4,4'-Dichlorobiphenyl	U		50.0	1	08/27/09 13:45
16/24	2,2',3-TCB/2,3,6-TCB	U		50.0	1	08/27/09 13:45
17	2,2',4-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
18/30	<b>2,2',5-TCB/2,4,6-TCB</b>	382	B	50.0	1	08/27/09 13:45
19	2,2',6-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
20/28	<b>2,3,3'-TCB/2,4,4'-TCB</b>	804	B	50.0	1	08/27/09 13:45
21/33	<b>2,3,4-TCB/2,3',4'-TCB</b>	540		50.0	1	08/27/09 13:45
22	2,3,4'-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
23	2,3,5-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
25	2,3',4-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
26/29	2,3',5-TCB/2,4,5-TCB	U		50.0	1	08/27/09 13:45
27	2,3',6-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
31	<b>2,4',5-Trichlorobiphenyl</b>	687	B	50.0	1	08/27/09 13:45
32	2,4',6-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
34	2,3',5'-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
35	3,3',4-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
36	3,3',5-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
37	3,4,4'-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
38	3,4,5-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
39	3,4',5-Trichlorobiphenyl	U		50.0	1	08/27/09 13:45
40/41/71	2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB	U		50.0	1	08/27/09 13:45
42	2,2',3,4'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		50.0	1	08/27/09 13:45
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	660	B	50.0	1	08/27/09 13:45
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		50.0	1	08/27/09 13:45
46	2,2',3,6'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1000ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	294	B	50.0	1	08/27/09 13:45
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		50.0	1	08/27/09 13:45
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	738	B	50.0	1	08/27/09 13:45
54	2,2',6,6'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
55	2,3,3',4-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
56	2,3,3',4'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
57	2,3,3',5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
58	2,3,3',5'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		50.0	1	08/27/09 13:45
60	2,3,4,4'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
61/70/74/76	<b>TeCB-61/70/74/76</b>	4900	EMPC	50.0	1	08/27/09 13:45
63	2,3,4',5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	278	B	50.0	1	08/27/09 13:45
66	2,3',4,4'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
67	2,3',4,5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
68	2,3',4,5'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
72	2,3',5,5'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
77	3,3',4,4'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
78	3,3',4,5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
79	3,3',4,5'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
80	3,3',5,5'-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
81	3,4,4',5-Tetrachlorobiphenyl	U		50.0	1	08/27/09 13:45
82	2,2',3,3',4-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	807	B	50.0	1	08/27/09 13:45
84	2,2',3,3',6-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		50.0	1	08/27/09 13:45
86/87/97/109/111 9/125	<b>PeCB-86/87/97/109/119/125</b>	1300	B	50.0	1	08/27/09 13:45
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		50.0	1	08/27/09 13:45
89	2,2',3,4,6'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	1630	B	50.0	1	08/27/09 13:45
92	2,2',3,5,5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		50.0	1	08/27/09 13:45
94	2,2',3,5,6'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	1300		50.0	1	08/27/09 13:45
96	2,2',3,6,6'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		50.0	1	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1000ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
104	2,2',4,6,6'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	796	B	50.0	1	08/27/09 13:45
106	2,3,3',4,5-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
107	2,3,3',4',5-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		50.0	1	08/27/09 13:45
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	2430	B	50.0	1	08/27/09 13:45
111	2,3,3',5,5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
114	2,3,4,4',5-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	1510	B	50.0	1	08/27/09 13:45
120	2,3',4,5,5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
121	2,3',4,5',6-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
122	2,3,3',4',5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
123	2,3',4,4',5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
126	3,3',4,4',5-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
127	3,3',4,5,5'-Pentachlorobiphenyl	U		50.0	1	08/27/09 13:45
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		50.0	1	08/27/09 13:45
129/138/163	<b>HxCB-129/138/163</b>	904	B	50.0	1	08/27/09 13:45
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
131	<b>2,2',3,3',4,6-Hexachlorobiphenyl</b>	251		50.0	1	08/27/09 13:45
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		50.0	1	08/27/09 13:45
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		50.0	1	08/27/09 13:45
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		50.0	1	08/27/09 13:45
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
144	<b>2,2',3,4,5',6-Hexachlorobiphenyl</b>	494		50.0	1	08/27/09 13:45
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	U		50.0	1	08/27/09 13:45
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	624	B	50.0	1	08/27/09 13:45
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1000ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	U		50.0	1	08/27/09 13:45
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		50.0	1	08/27/09 13:45
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	246	B	50.0	1	08/27/09 13:45
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		50.0	1	08/27/09 13:45
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	554	B	50.0	1	08/27/09 13:45
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		50.0	1	08/27/09 13:45
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		50.0	1	08/27/09 13:45
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		50.0	1	08/27/09 13:45
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	U		50.0	1	08/27/09 13:45
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1000ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		50.0	1	08/27/09 13:45
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		50.0	1	08/27/09 13:45
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		50.0	1	08/27/09 13:45
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		50.0	1	08/27/09 13:45
1-3	<b>Total Monochlorobiphenyl</b>	364		50.0	1	08/27/09 13:45
4-15	<b>Total Dichlorobiphenyl</b>	2470		50.0	1	08/27/09 13:45
16-39	<b>Total Trichlorobiphenyl</b>	2410	B	50.0	1	08/27/09 13:45
40-81	<b>Total Tetrachlorobiphenyl</b>	6870	B	50.0	1	08/27/09 13:45
82-127	<b>Total Pentachlorobiphenyl</b>	9760	B	50.0	1	08/27/09 13:45
128-169	<b>Total Hexachlorobiphenyl</b>	2270	B	50.0	1	08/27/09 13:45
170-193	<b>Total Heptachlorobiphenyl</b>	800	B	50.0	1	08/27/09 13:45
194-205	Total Octachlorobiphenyl	U		50.0	1	08/27/09 13:45
206-208	Total Nonachlorobiphenyl	U		50.0	1	08/27/09 13:45
209	Decachlorobiphenyl	U		50.0	1	08/27/09 13:45

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	12.2		15 %	15-150	08/27/09 13:45
3L	Surrogate: 13C12-4-Monochlorobiphenyl	16.0		20 %	15-150	08/27/09 13:45
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	9.79	A	12 %	25-150	08/27/09 13:45
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	16.4	A	21 %	25-150	08/27/09 13:45
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	11.8	A	15 %	25-150	08/27/09 13:45
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	18.0	A	23 %	25-150	08/27/09 13:45
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	8.43	A	11 %	25-150	08/27/09 13:45
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	14.2	A	18 %	25-150	08/27/09 13:45
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	14.1	A	18 %	25-150	08/27/09 13:45
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	7.54	A	9 %	25-150	08/27/09 13:45
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	11.6	A	14 %	25-150	08/27/09 13:45
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	11.5	A	14 %	25-150	08/27/09 13:45
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	12.3	A	15 %	25-150	08/27/09 13:45
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	11.4	A	14 %	25-150	08/27/09 13:45
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	13.2	A	16 %	25-150	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-06**Lab ID:** 0907018-05**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	12.3	A	15 %	25-150	08/27/09 13:45
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	40.2		25 %	25-150	08/27/09 13:45
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	19.2	A	24 %	25-150	08/27/09 13:45
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	26.6		33 %	25-150	08/27/09 13:45
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	4.66	A	6 %	25-150	08/27/09 13:45
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	13.9	A	17 %	25-150	08/27/09 13:45
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	6.53	A	8 %	25-150	08/27/09 13:45
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	12.0	A	15 %	25-150	08/27/09 13:45
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	11.6	A	14 %	25-150	08/27/09 13:45
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	10.3	A	13 %	25-150	08/27/09 13:45
209L	Surrogate: 13C12-Decachlorobiphenyl	7.77	A	10 %	25-150	08/27/09 13:45
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	3040		76 %	30-135	08/27/09 13:45
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	2560		64 %	30-135	08/27/09 13:45
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	1950		49 %	30-135	08/27/09 13:45



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-07**Lab ID:** 0907018-06**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 1060ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	2-Monochlorobiphenyl	U		18.9	1	08/25/09 18:09
2	3-Monochlorobiphenyl	U		18.9	1	08/25/09 18:09
3	4-Monochlorobiphenyl	U		18.9	1	08/25/09 18:09
4	<b>2,2'-Dichlorobiphenyl</b>	42.3	B	18.9	1	08/25/09 18:09
5	2,3-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
6	2,3'-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
7	2,4-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
8	<b>2,4'-Dichlorobiphenyl</b>	26.8	B	18.9	1	08/25/09 18:09
9	2,5-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
10	2,6-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
11	3,3'-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
12/13	3,4-DiCB/3,4'-DiCB	U		18.9	1	08/25/09 18:09
14	3,5-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
15	4,4'-Dichlorobiphenyl	U		18.9	1	08/25/09 18:09
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	22.3	B	18.9	1	08/25/09 18:09
17	<b>2,2',4-Trichlorobiphenyl</b>	22.5	B	18.9	1	08/25/09 18:09
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	56.8	B	18.9	1	08/25/09 18:09
19	<b>2,2',6-Trichlorobiphenyl</b>	27.4	B	18.9	1	08/25/09 18:09
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	65.5	B	18.9	1	08/25/09 18:09
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	19.4	B	18.9	1	08/25/09 18:09
22	<b>2,3,4'-Trichlorobiphenyl</b>	19.4	B	18.9	1	08/25/09 18:09
23	2,3,5-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
25	2,3',4-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
26/29	2,3',5-TrCB/2,4,5-TrCB	U		18.9	1	08/25/09 18:09
27	2,3',6-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
31	<b>2,4',5-Trichlorobiphenyl</b>	44.9	B	18.9	1	08/25/09 18:09
32	<b>2,4',6-Trichlorobiphenyl</b>	51.1	B	18.9	1	08/25/09 18:09
34	2,3',5'-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
35	3,3',4-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
36	3,3',5-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
37	<b>3,4,4'-Trichlorobiphenyl</b>	17.2	B, J	18.9	1	08/25/09 18:09
38	3,4,5-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
39	3,4',5-Trichlorobiphenyl	U		18.9	1	08/25/09 18:09
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	24.3	B	18.9	1	08/25/09 18:09
42	2,2',3,4'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		18.9	1	08/25/09 18:09
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	66.2	B	18.9	1	08/25/09 18:09
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		18.9	1	08/25/09 18:09
46	2,2',3,6'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-07**Lab ID:** 0907018-06**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1060ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	31.3	B	18.9	1	08/25/09 18:09
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		18.9	1	08/25/09 18:09
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	57.4	B	18.9	1	08/25/09 18:09
54	2,2',6,6'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
55	2,3,3',4-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	26.4	B	18.9	1	08/25/09 18:09
57	2,3,3',5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
58	2,3,3',5'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		18.9	1	08/25/09 18:09
60	2,3,4,4'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
61/70/74/76	<b>TeCB-61/70/74/76</b>	73.4	B	18.9	1	08/25/09 18:09
63	2,3,4',5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	21.1	B	18.9	1	08/25/09 18:09
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	39.6	B	18.9	1	08/25/09 18:09
67	2,3',4,5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
68	2,3',4,5'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
72	2,3',5,5'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
77	3,3',4,4'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
78	3,3',4,5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
79	3,3',4,5'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
80	3,3',5,5'-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
81	3,4,4',5-Tetrachlorobiphenyl	U		18.9	1	08/25/09 18:09
82	2,2',3,3',4-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	25.1	B	18.9	1	08/25/09 18:09
84	2,2',3,3',6-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	72.5		18.9	1	08/25/09 18:09
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	U		18.9	1	08/25/09 18:09
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		18.9	1	08/25/09 18:09
89	2,2',3,4,6'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	48.5	B	18.9	1	08/25/09 18:09
92	2,2',3,5,5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		18.9	1	08/25/09 18:09
94	2,2',3,5,6'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	53.6	B	18.9	1	08/25/09 18:09
96	2,2',3,6,6'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-07**Lab ID:** 0907018-06**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1060ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		18.9	1	08/25/09 18:09
103	2,2',4,5',6-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
104	2,2',4,6,6'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	25.3	B	18.9	1	08/25/09 18:09
106	2,3,3',4,5-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
107	2,3,3',4',5-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		18.9	1	08/25/09 18:09
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	73.6	B	18.9	1	08/25/09 18:09
111	2,3,3',5,5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
114	2,3,4,4',5-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	46.6	B	18.9	1	08/25/09 18:09
120	2,3',4,5,5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
121	2,3',4,5',6-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
122	2,3,3',4',5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
123	2,3',4,4',5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
126	3,3',4,4',5-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
127	3,3',4,5,5'-Pentachlorobiphenyl	U		18.9	1	08/25/09 18:09
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		18.9	1	08/25/09 18:09
129/138/163	<b>HxCB-129/138/163</b>	57.5	B	18.9	1	08/25/09 18:09
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		18.9	1	08/25/09 18:09
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		18.9	1	08/25/09 18:09
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		18.9	1	08/25/09 18:09
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	37.7	B	18.9	1	08/25/09 18:09
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	48.5	B	18.9	1	08/25/09 18:09
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-07**Lab ID:** 0907018-06**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1060ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	8.30	B, J	18.9	1	08/25/09 18:09
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		18.9	1	08/25/09 18:09
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		18.9	1	08/25/09 18:09
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	50.6	B	18.9	1	08/25/09 18:09
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		18.9	1	08/25/09 18:09
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
187	<b>2,2',3,4',5,5',6-Heptachlorobiphenyl</b>	12.8	B, J	18.9	1	08/25/09 18:09
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		18.9	1	08/25/09 18:09
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	12.3	B, EMPC, J	18.9	1	08/25/09 18:09
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		18.9	1	08/25/09 18:09
196	<b>2,2',3,3',4,4',5,6'-Octachlorobiphenyl</b>	3.02	B, J	18.9	1	08/25/09 18:09
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		18.9	1	08/25/09 18:09
198/199	<b>2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB</b>	10.6	B, EMPC, J	18.9	1	08/25/09 18:09
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		18.9	1	08/25/09 18:09
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		18.9	1	08/25/09 18:09



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-07**Lab ID:** 0907018-06**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1060ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	<b>2,2',3,4,4',5,5',6-Octachlorobiphenyl</b>	6.42	B, EMPC, J	18.9	1	08/25/09 18:09
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		18.9	1	08/25/09 18:09
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		18.9	1	08/25/09 18:09
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		18.9	1	08/25/09 18:09
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		18.9	1	08/25/09 18:09
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		18.9	1	08/25/09 18:09
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		18.9	1	08/25/09 18:09
1-3	Total Monochlorobiphenyl	U		18.9	1	08/25/09 18:09
4-15	<b>Total Dichlorobiphenyl</b>	69.1	B	18.9	1	08/25/09 18:09
16-39	<b>Total Trichlorobiphenyl</b>	346	B	18.9	1	08/25/09 18:09
40-81	<b>Total Tetrachlorobiphenyl</b>	340	B	18.9	1	08/25/09 18:09
82-127	<b>Total Pentachlorobiphenyl</b>	345	B	18.9	1	08/25/09 18:09
128-169	<b>Total Hexachlorobiphenyl</b>	152	B	18.9	1	08/25/09 18:09
170-193	<b>Total Heptachlorobiphenyl</b>	63.4	B	18.9	1	08/25/09 18:09
194-205	<b>Total Octachlorobiphenyl</b>	32.3	B	18.9	1	08/25/09 18:09
206-208	Total Nonachlorobiphenyl	U		18.9	1	08/25/09 18:09
209	Decachlorobiphenyl	U		18.9	1	08/25/09 18:09

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	<i>Surrogate: 13C12-2-Monochlorobiphenyl</i>	24.8		25 %	15-150	08/25/09 18:09
3L	<i>Surrogate: 13C12-4-Monochlorobiphenyl</i>	27.3		27 %	15-150	08/25/09 18:09
4L	<i>Surrogate: 13C12-2,2'-Dichlorobiphenyl</i>	28.6		29 %	25-150	08/25/09 18:09
15L	<i>Surrogate: 13C12-4,4'-Dichlorobiphenyl</i>	30.0		30 %	25-150	08/25/09 18:09
19L	<i>Surrogate: 13C12-2,2',6-Trichlorobiphenyl</i>	31.1		31 %	25-150	08/25/09 18:09
37L	<i>Surrogate: 13C12-3,4,4'-Trichlorobiphenyl</i>	26.1		26 %	25-150	08/25/09 18:09
54L	<i>Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl</i>	23.3	A	23 %	25-150	08/25/09 18:09
77L	<i>Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl</i>	31.9		32 %	25-150	08/25/09 18:09
81L	<i>Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl</i>	30.5		30 %	25-150	08/25/09 18:09
104L	<i>Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl</i>	18.5	A	18 %	25-150	08/25/09 18:09
105L	<i>Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl</i>	29.8		30 %	25-150	08/25/09 18:09
114 L	<i>Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl</i>	26.7		27 %	25-150	08/25/09 18:09
118 L	<i>Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl</i>	28.6		29 %	25-150	08/25/09 18:09
123L	<i>Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl</i>	30.3		30 %	25-150	08/25/09 18:09



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** W-07

**Lab ID:** 0907018-06

**Sample Matrix:** Water

**Date Collected:** 07/23/2009

## PCB Congeners

### Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	32.8		33 %	25-150	08/25/09 18:09
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	24.3	A	24 %	25-150	08/25/09 18:09
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	50.0		25 %	25-150	08/25/09 18:09
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	24.2	A	24 %	25-150	08/25/09 18:09
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	32.7		33 %	25-150	08/25/09 18:09
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	21.4	A	21 %	25-150	08/25/09 18:09
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	31.4		31 %	25-150	08/25/09 18:09
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	28.9		29 %	25-150	08/25/09 18:09
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	32.2		32 %	25-150	08/25/09 18:09
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	32.0		32 %	25-150	08/25/09 18:09
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	28.0		28 %	25-150	08/25/09 18:09
209L	Surrogate: 13C12-Decachlorobiphenyl	21.0	A	21 %	25-150	08/25/09 18:09
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	638		34 %	30-135	08/25/09 18:09
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	686		36 %	30-135	08/25/09 18:09
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	525	A	28 %	30-135	08/25/09 18:09



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	2-Monochlorobiphenyl	U		19.6	1	08/25/09 19:13
2	3-Monochlorobiphenyl	U		19.6	1	08/25/09 19:13
3	4-Monochlorobiphenyl	U		19.6	1	08/25/09 19:13
4	2,2'-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
5	2,3-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
6	2,3'-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
7	2,4-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
8	2,4'-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
9	2,5-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
10	2,6-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
11	<b>3,3'-Dichlorobiphenyl</b>	27.8	B, EMPC	19.6	1	08/25/09 19:13
12/13	3,4-DiCB/3,4'-DiCB	U		19.6	1	08/25/09 19:13
14	3,5-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
15	4,4'-Dichlorobiphenyl	U		19.6	1	08/25/09 19:13
16/24	2,2',3-TCB/2,3,6-TCB	U		19.6	1	08/25/09 19:13
17	2,2',4-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
18/30	<b>2,2',5-TCB/2,4,6-TCB</b>	38.8	B	19.6	1	08/25/09 19:13
19	<b>2,2',6-Trichlorobiphenyl</b>	31.2	B	19.6	1	08/25/09 19:13
20/28	<b>2,3,3'-TCB/2,4,4'-TCB</b>	53.7	B	19.6	1	08/25/09 19:13
21/33	<b>2,3,4-TCB/2,3',4'-TCB</b>	20.2	B, EMPC	19.6	1	08/25/09 19:13
22	<b>2,3,4'-Trichlorobiphenyl</b>	16.1	B, J	19.6	1	08/25/09 19:13
23	2,3,5-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
25	2,3',4-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
26/29	2,3',5-TCB/2,4,5-TCB	U		19.6	1	08/25/09 19:13
27	2,3',6-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
31	<b>2,4',5-Trichlorobiphenyl</b>	42.0	B	19.6	1	08/25/09 19:13
32	<b>2,4',6-Trichlorobiphenyl</b>	40.2	B	19.6	1	08/25/09 19:13
34	2,3',5'-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
35	3,3',4-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
36	3,3',5-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
37	<b>3,4,4'-Trichlorobiphenyl</b>	12.5	B, EMPC, J	19.6	1	08/25/09 19:13
38	3,4,5-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
39	3,4',5-Trichlorobiphenyl	U		19.6	1	08/25/09 19:13
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	27.5	B	19.6	1	08/25/09 19:13
42	2,2',3,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		19.6	1	08/25/09 19:13
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	60.4	B	19.6	1	08/25/09 19:13
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		19.6	1	08/25/09 19:13
46	2,2',3,6'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	40.4	B	19.6	1	08/25/09 19:13
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		19.6	1	08/25/09 19:13
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	64.7	B	19.6	1	08/25/09 19:13
54	2,2',6,6'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
55	2,3,3',4-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	21.6	B	19.6	1	08/25/09 19:13
57	2,3,3',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
58	2,3,3',5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		19.6	1	08/25/09 19:13
60	2,3,4,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
61/70/74/76	<b>TeCB-61/70/74/76</b>	66.9	B	19.6	1	08/25/09 19:13
63	2,3,4',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	25.3	B	19.6	1	08/25/09 19:13
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	43.9	B, EMPC	19.6	1	08/25/09 19:13
67	2,3',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
68	2,3',4,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
72	2,3',5,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
77	3,3',4,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
78	3,3',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
79	3,3',4,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
80	3,3',5,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
81	3,4,4',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 19:13
82	2,2',3,3',4-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	25.7	B	19.6	1	08/25/09 19:13
84	2,2',3,3',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
85/116/117	<b>2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB</b>	7.45	J	19.6	1	08/25/09 19:13
86/87/97/109/111/125	<b>PeCB-86/87/97/109/119/125</b>	39.2	B	19.6	1	08/25/09 19:13
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		19.6	1	08/25/09 19:13
89	2,2',3,4,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	55.3	B	19.6	1	08/25/09 19:13
92	2,2',3,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		19.6	1	08/25/09 19:13
94	2,2',3,5,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	47.5	B	19.6	1	08/25/09 19:13
96	2,2',3,6,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13





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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		19.6	1	08/25/09 19:13
103	2,2',4,5',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
104	2,2',4,6,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	21.8	B	19.6	1	08/25/09 19:13
106	2,3,3',4,5-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
107	2,3,3',4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		19.6	1	08/25/09 19:13
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	77.6	B	19.6	1	08/25/09 19:13
111	2,3,3',5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
114	2,3,4,4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	52.9	B	19.6	1	08/25/09 19:13
120	2,3',4,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
121	2,3',4,5',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
122	2,3,3',4',5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
123	2,3',4,4',5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
126	3,3',4,4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
127	3,3',4,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 19:13
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		19.6	1	08/25/09 19:13
129/138/163	<b>HxCB-129/138/163</b>	59.2	B	19.6	1	08/25/09 19:13
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		19.6	1	08/25/09 19:13
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		19.6	1	08/25/09 19:13
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		19.6	1	08/25/09 19:13
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	35.7	B	19.6	1	08/25/09 19:13
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	53.9	B	19.6	1	08/25/09 19:13
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	U		19.6	1	08/25/09 19:13
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 19:13
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		19.6	1	08/25/09 19:13
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	43.3	B	19.6	1	08/25/09 19:13
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		19.6	1	08/25/09 19:13
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
187	<b>2,2',3,4',5,5',6-Heptachlorobiphenyl</b>	11.8	B, EMPC, J	19.6	1	08/25/09 19:13
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 19:13
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	8.43	B, EMPC, J	19.6	1	08/25/09 19:13
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		19.6	1	08/25/09 19:13
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	U		19.6	1	08/25/09 19:13
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		19.6	1	08/25/09 19:13
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		19.6	1	08/25/09 19:13
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		19.6	1	08/25/09 19:13
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		19.6	1	08/25/09 19:13
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		19.6	1	08/25/09 19:13
1-3	Total Monochlorobiphenyl	U		19.6	1	08/25/09 19:13
4-15	<b>Total Dichlorobiphenyl</b>	27.8	B	19.6	1	08/25/09 19:13
16-39	<b>Total Trichlorobiphenyl</b>	255	B	19.6	1	08/25/09 19:13
40-81	<b>Total Tetrachlorobiphenyl</b>	351	B	19.6	1	08/25/09 19:13
82-127	<b>Total Pentachlorobiphenyl</b>	327	B	19.6	1	08/25/09 19:13
128-169	<b>Total Hexachlorobiphenyl</b>	149	B	19.6	1	08/25/09 19:13
170-193	<b>Total Heptachlorobiphenyl</b>	55.1	B	19.6	1	08/25/09 19:13
194-205	<b>Total Octachlorobiphenyl</b>	8.43	B, J	19.6	1	08/25/09 19:13
206-208	Total Nonachlorobiphenyl	U		19.6	1	08/25/09 19:13
209	Decachlorobiphenyl	U		19.6	1	08/25/09 19:13

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	26.1		26 %	15-150	08/25/09 19:13
3L	Surrogate: 13C12-4-Monochlorobiphenyl	29.9		30 %	15-150	08/25/09 19:13
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	31.2		31 %	25-150	08/25/09 19:13
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	32.7		33 %	25-150	08/25/09 19:13
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	33.4		33 %	25-150	08/25/09 19:13
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	28.6		29 %	25-150	08/25/09 19:13
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	25.9		26 %	25-150	08/25/09 19:13
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	30.6		31 %	25-150	08/25/09 19:13
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	30.3		30 %	25-150	08/25/09 19:13
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	20.9	A	21 %	25-150	08/25/09 19:13
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	28.8		29 %	25-150	08/25/09 19:13
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	26.0		26 %	25-150	08/25/09 19:13
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	27.3		27 %	25-150	08/25/09 19:13
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	29.2		29 %	25-150	08/25/09 19:13



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-04**Lab ID:** 0907018-07**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	29.4		29 %	25-150	08/25/09 19:13
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	25.1		25 %	25-150	08/25/09 19:13
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	39.9	A	20 %	25-150	08/25/09 19:13
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	19.6	A	20 %	25-150	08/25/09 19:13
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	26.6		27 %	25-150	08/25/09 19:13
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	22.5	A	23 %	25-150	08/25/09 19:13
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	26.8		27 %	25-150	08/25/09 19:13
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	25.9		26 %	25-150	08/25/09 19:13
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	27.8		28 %	25-150	08/25/09 19:13
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	28.5		28 %	25-150	08/25/09 19:13
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	25.4		25 %	25-150	08/25/09 19:13
209L	Surrogate: 13C12-Decachlorobiphenyl	19.5	A	20 %	25-150	08/25/09 19:13
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	668		34 %	30-135	08/25/09 19:13
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	657		34 %	30-135	08/25/09 19:13
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	471	A	24 %	30-135	08/25/09 19:13



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	14.5	B, EMPC, J	19.3	1	08/25/09 20:18
2	3-Monochlorobiphenyl	U		19.3	1	08/25/09 20:18
3	<b>4-Monochlorobiphenyl</b>	8.31	J	19.3	1	08/25/09 20:18
4	<b>2,2'-Dichlorobiphenyl</b>	61.4	B	19.3	1	08/25/09 20:18
5	2,3-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
6	2,3'-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
7	2,4-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
8	<b>2,4'-Dichlorobiphenyl</b>	39.0	B	19.3	1	08/25/09 20:18
9	2,5-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
10	2,6-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
11	<b>3,3'-Dichlorobiphenyl</b>	31.9	B	19.3	1	08/25/09 20:18
12/13	3,4-DiCB/3,4'-DiCB	U		19.3	1	08/25/09 20:18
14	3,5-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
15	4,4'-Dichlorobiphenyl	U		19.3	1	08/25/09 20:18
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	10.8	B, J	19.3	1	08/25/09 20:18
17	<b>2,2',4-Trichlorobiphenyl</b>	14.9	B, J	19.3	1	08/25/09 20:18
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	33.2	B	19.3	1	08/25/09 20:18
19	<b>2,2',6-Trichlorobiphenyl</b>	21.8	B	19.3	1	08/25/09 20:18
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	27.1	B	19.3	1	08/25/09 20:18
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	12.2	B, J	19.3	1	08/25/09 20:18
22	<b>2,3,4'-Trichlorobiphenyl</b>	11.0	B, J	19.3	1	08/25/09 20:18
23	2,3,5-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
25	2,3',4-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
26/29	2,3',5-TrCB/2,4,5-TrCB	U		19.3	1	08/25/09 20:18
27	<b>2,3',6-Trichlorobiphenyl</b>	10.6	B, EMPC, J	19.3	1	08/25/09 20:18
31	<b>2,4',5-Trichlorobiphenyl</b>	24.7	B	19.3	1	08/25/09 20:18
32	<b>2,4',6-Trichlorobiphenyl</b>	34.6	B	19.3	1	08/25/09 20:18
34	2,3',5'-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
35	3,3',4-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
36	3,3',5-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
37	3,4,4'-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
38	3,4,5-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
39	3,4',5-Trichlorobiphenyl	U		19.3	1	08/25/09 20:18
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	13.5	B, J	19.3	1	08/25/09 20:18
42	2,2',3,4'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		19.3	1	08/25/09 20:18
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	30.0	B	19.3	1	08/25/09 20:18
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		19.3	1	08/25/09 20:18
46	2,2',3,6'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	19.7	B	19.3	1	08/25/09 20:18
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		19.3	1	08/25/09 20:18
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	29.4	B	19.3	1	08/25/09 20:18
54	2,2',6,6'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
55	2,3,3',4-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	12.8	B, J	19.3	1	08/25/09 20:18
57	2,3,3',5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
58	2,3,3',5'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		19.3	1	08/25/09 20:18
60	<b>2,3,4,4'-Tetrachlorobiphenyl</b>	6.18	B, J	19.3	1	08/25/09 20:18
61/70/74/76	<b>TeCB-61/70/74/76</b>	30.5	B, EMPC	19.3	1	08/25/09 20:18
63	2,3,4',5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	12.2	B, J	19.3	1	08/25/09 20:18
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	18.7	B, EMPC, J	19.3	1	08/25/09 20:18
67	2,3',4,5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
68	2,3',4,5'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
72	2,3',5,5'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
77	3,3',4,4'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
78	3,3',4,5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
79	3,3',4,5'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
80	3,3',5,5'-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
81	3,4,4',5-Tetrachlorobiphenyl	U		19.3	1	08/25/09 20:18
82	2,2',3,3',4-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
83/99/112	2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB	U		19.3	1	08/25/09 20:18
84	2,2',3,3',6-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		19.3	1	08/25/09 20:18
86/87/97/109/111/125	<b>PeCB-86/87/97/109/119/125</b>	11.4	B, J	19.3	1	08/25/09 20:18
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		19.3	1	08/25/09 20:18
89	2,2',3,4,6'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	12.6	B, J	19.3	1	08/25/09 20:18
92	2,2',3,5,5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		19.3	1	08/25/09 20:18
94	2,2',3,5,6'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	9.28	B, EMPC, J	19.3	1	08/25/09 20:18
96	2,2',3,6,6'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		19.3	1	08/25/09 20:18



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
104	2,2',4,6,6'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	8.89	B, J	19.3	1	08/25/09 20:18
106	2,3,3',4,5-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
107	2,3,3',4',5-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		19.3	1	08/25/09 20:18
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	15.8	B, J	19.3	1	08/25/09 20:18
111	2,3,3',5,5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
114	2,3,4,4',5-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	12.6	B, J	19.3	1	08/25/09 20:18
120	2,3',4,5,5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
121	2,3',4,5',6-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
122	2,3,3',4',5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
123	2,3',4,4',5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
126	3,3',4,4',5-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
127	3,3',4,5,5'-Pentachlorobiphenyl	U		19.3	1	08/25/09 20:18
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		19.3	1	08/25/09 20:18
129/138/163	<b>HxCB-129/138/163</b>	10.6	B, EMPC, J	19.3	1	08/25/09 20:18
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		19.3	1	08/25/09 20:18
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		19.3	1	08/25/09 20:18
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		19.3	1	08/25/09 20:18
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	7.15	B, J	19.3	1	08/25/09 20:18
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	14.5	B, J	19.3	1	08/25/09 20:18
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	U		19.3	1	08/25/09 20:18
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/25/09 20:18
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		19.3	1	08/25/09 20:18
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	10.2	B, J	19.3	1	08/25/09 20:18
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		19.3	1	08/25/09 20:18
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		19.3	1	08/25/09 20:18
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		19.3	1	08/25/09 20:18
198/199	2,2',3,3',4,5,5',6-Octachlorobiphenyl/2,2',3,3',4,5,5',6'-OcCB	U		19.3	1	08/25/09 20:18
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		19.3	1	08/25/09 20:18
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		19.3	1	08/25/09 20:18
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		19.3	1	08/25/09 20:18
209	<b>2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl</b>	8.70	B, EMPC, J	19.3	1	08/25/09 20:18
1-3	<b>Total Monochlorobiphenyl</b>	22.8	B	19.3	1	08/25/09 20:18
4-15	<b>Total Dichlorobiphenyl</b>	132	B	19.3	1	08/25/09 20:18
16-39	<b>Total Trichlorobiphenyl</b>	201	B	19.3	1	08/25/09 20:18
40-81	<b>Total Tetrachlorobiphenyl</b>	173	B	19.3	1	08/25/09 20:18
82-127	<b>Total Pentachlorobiphenyl</b>	70.5	B	19.3	1	08/25/09 20:18
128-169	<b>Total Hexachlorobiphenyl</b>	32.3	B	19.3	1	08/25/09 20:18
170-193	<b>Total Heptachlorobiphenyl</b>	10.2	B, J	19.3	1	08/25/09 20:18
194-205	Total Octachlorobiphenyl	U		19.3	1	08/25/09 20:18
206-208	Total Nonachlorobiphenyl	U		19.3	1	08/25/09 20:18
209	<b>Decachlorobiphenyl</b>	8.70	B, J	19.3	1	08/25/09 20:18

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	28.4		28 %	15-150	08/25/09 20:18
3L	Surrogate: 13C12-4-Monochlorobiphenyl	33.0		33 %	15-150	08/25/09 20:18
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	32.9		33 %	25-150	08/25/09 20:18
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	36.3		36 %	25-150	08/25/09 20:18
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	37.0		37 %	25-150	08/25/09 20:18
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	32.2		32 %	25-150	08/25/09 20:18
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	22.2	A	22 %	25-150	08/25/09 20:18
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	39.3		39 %	25-150	08/25/09 20:18
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	37.6		38 %	25-150	08/25/09 20:18
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	23.4	A	23 %	25-150	08/25/09 20:18
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	38.9		39 %	25-150	08/25/09 20:18
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	33.7		34 %	25-150	08/25/09 20:18
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	36.2		36 %	25-150	08/25/09 20:18
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	37.7		38 %	25-150	08/25/09 20:18
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	40.5		41 %	25-150	08/25/09 20:18



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** FB-01**Lab ID:** 0907018-08**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	30.4		30 %	25-150	08/25/09 20:18
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	58.2		29 %	25-150	08/25/09 20:18
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	28.6		29 %	25-150	08/25/09 20:18
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	36.7		37 %	25-150	08/25/09 20:18
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	24.8		25 %	25-150	08/25/09 20:18
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	35.1		35 %	25-150	08/25/09 20:18
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	33.6		34 %	25-150	08/25/09 20:18
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	35.1		35 %	25-150	08/25/09 20:18
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	35.0		35 %	25-150	08/25/09 20:18
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	23.6	A	24 %	25-150	08/25/09 20:18
209L	Surrogate: 13C12-Decachlorobiphenyl	24.2	A	24 %	25-150	08/25/09 20:18
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	700		36 %	30-135	08/25/09 20:18
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	828		43 %	30-135	08/25/09 20:18
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	656		34 %	30-135	08/25/09 20:18



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 990ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	2-Monochlorobiphenyl	U		20.2	1	08/25/09 21:22
2	3-Monochlorobiphenyl	U		20.2	1	08/25/09 21:22
3	4-Monochlorobiphenyl	U		20.2	1	08/25/09 21:22
4	<b>2,2'-Dichlorobiphenyl</b>	48.7	B, EMPC	20.2	1	08/25/09 21:22
5	2,3-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
6	2,3'-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
7	2,4-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
8	2,4'-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
9	2,5-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
10	2,6-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
11	<b>3,3'-Dichlorobiphenyl</b>	55.4	B	20.2	1	08/25/09 21:22
12/13	3,4-DiCB/3,4'-DiCB	U		20.2	1	08/25/09 21:22
14	3,5-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
15	4,4'-Dichlorobiphenyl	U		20.2	1	08/25/09 21:22
16/24	2,2',3-TCB/2,3,6-TCB	U		20.2	1	08/25/09 21:22
17	2,2',4-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
18/30	<b>2,2',5-TCB/2,4,6-TCB</b>	51.3	B	20.2	1	08/25/09 21:22
19	<b>2,2',6-Trichlorobiphenyl</b>	33.1	B	20.2	1	08/25/09 21:22
20/28	<b>2,3,3'-TCB/2,4,4'-TCB</b>	70.7	B	20.2	1	08/25/09 21:22
21/33	<b>2,3,4-TCB/2,3',4'-TCB</b>	17.4	B, J	20.2	1	08/25/09 21:22
22	<b>2,3,4'-Trichlorobiphenyl</b>	22.4	B	20.2	1	08/25/09 21:22
23	2,3,5-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
25	2,3',4-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
26/29	2,3',5-TCB/2,4,5-TCB	U		20.2	1	08/25/09 21:22
27	2,3',6-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
31	<b>2,4',5-Trichlorobiphenyl</b>	49.7	B	20.2	1	08/25/09 21:22
32	<b>2,4',6-Trichlorobiphenyl</b>	53.3	B	20.2	1	08/25/09 21:22
34	<b>2,3',5'-Trichlorobiphenyl</b>	42.0		20.2	1	08/25/09 21:22
35	3,3',4-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
36	3,3',5-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
37	3,4,4'-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
38	3,4,5-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
39	3,4',5-Trichlorobiphenyl	U		20.2	1	08/25/09 21:22
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	30.5	B	20.2	1	08/25/09 21:22
42	2,2',3,4'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		20.2	1	08/25/09 21:22
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	63.4	B	20.2	1	08/25/09 21:22
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		20.2	1	08/25/09 21:22
46	2,2',3,6'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 990ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	40.0	B	20.2	1	08/25/09 21:22
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		20.2	1	08/25/09 21:22
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	68.1	B	20.2	1	08/25/09 21:22
54	2,2',6,6'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
55	2,3,3',4-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	25.7	B	20.2	1	08/25/09 21:22
57	2,3,3',5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
58	2,3,3',5'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		20.2	1	08/25/09 21:22
60	2,3,4,4'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
61/70/74/76	<b>TeCB-61/70/74/76</b>	108	B, EMPC	20.2	1	08/25/09 21:22
63	2,3,4',5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	24.6	B	20.2	1	08/25/09 21:22
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	41.0	B	20.2	1	08/25/09 21:22
67	2,3',4,5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
68	2,3',4,5'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
72	2,3',5,5'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
77	3,3',4,4'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
78	3,3',4,5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
79	3,3',4,5'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
80	3,3',5,5'-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
81	3,4,4',5-Tetrachlorobiphenyl	U		20.2	1	08/25/09 21:22
82	2,2',3,3',4-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	32.3	B	20.2	1	08/25/09 21:22
84	2,2',3,3',6-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		20.2	1	08/25/09 21:22
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	U		20.2	1	08/25/09 21:22
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		20.2	1	08/25/09 21:22
89	2,2',3,4,6'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	59.6	B	20.2	1	08/25/09 21:22
92	2,2',3,5,5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		20.2	1	08/25/09 21:22
94	2,2',3,5,6'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	54.1	B	20.2	1	08/25/09 21:22
96	2,2',3,6,6'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		20.2	1	08/25/09 21:22



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 990ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
104	2,2',4,6,6'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	32.5	B	20.2	1	08/25/09 21:22
106	2,3,3',4,5-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
107	2,3,3',4',5-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		20.2	1	08/25/09 21:22
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	98.2	B	20.2	1	08/25/09 21:22
111	2,3,3',5,5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
114	2,3,4,4',5-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	65.3	B	20.2	1	08/25/09 21:22
120	2,3',4,5,5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
121	2,3',4,5',6-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
122	2,3,3',4',5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
123	2,3',4,4',5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
126	3,3',4,4',5-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
127	3,3',4,5,5'-Pentachlorobiphenyl	U		20.2	1	08/25/09 21:22
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		20.2	1	08/25/09 21:22
129/138/163	<b>HxCB-129/138/163</b>	58.0	B	20.2	1	08/25/09 21:22
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
132	<b>2,2',3,3',4,6'-Hexachlorobiphenyl</b>	17.4	B, J	20.2	1	08/25/09 21:22
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		20.2	1	08/25/09 21:22
135/151	<b>2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB</b>	19.0	B, J	20.2	1	08/25/09 21:22
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		20.2	1	08/25/09 21:22
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	38.4	B	20.2	1	08/25/09 21:22
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	54.5	B	20.2	1	08/25/09 21:22
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 990ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	U		20.2	1	08/25/09 21:22
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		20.2	1	08/25/09 21:22
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		20.2	1	08/25/09 21:22
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	38.2	B	20.2	1	08/25/09 21:22
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		20.2	1	08/25/09 21:22
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		20.2	1	08/25/09 21:22
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	7.88	B, J	20.2	1	08/25/09 21:22
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		20.2	1	08/25/09 21:22
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	U		20.2	1	08/25/09 21:22
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 990ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		20.2	1	08/25/09 21:22
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		20.2	1	08/25/09 21:22
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		20.2	1	08/25/09 21:22
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		20.2	1	08/25/09 21:22
209	<b>2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl</b>	13.3	B, J	20.2	1	08/25/09 21:22
1-3	Total Monochlorobiphenyl	U		20.2	1	08/25/09 21:22
4-15	<b>Total Dichlorobiphenyl</b>	104	B	20.2	1	08/25/09 21:22
16-39	<b>Total Trichlorobiphenyl</b>	340	B	20.2	1	08/25/09 21:22
40-81	<b>Total Tetrachlorobiphenyl</b>	401	B	20.2	1	08/25/09 21:22
82-127	<b>Total Pentachlorobiphenyl</b>	342	B	20.2	1	08/25/09 21:22
128-169	<b>Total Hexachlorobiphenyl</b>	187	B	20.2	1	08/25/09 21:22
170-193	<b>Total Heptachlorobiphenyl</b>	38.2	B	20.2	1	08/25/09 21:22
194-205	<b>Total Octachlorobiphenyl</b>	7.88	B, J	20.2	1	08/25/09 21:22
206-208	Total Nonachlorobiphenyl	U		20.2	1	08/25/09 21:22
209	<b>Decachlorobiphenyl</b>	13.3	B, J	20.2	1	08/25/09 21:22

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	20.7		21 %	15-150	08/25/09 21:22
3L	Surrogate: 13C12-4-Monochlorobiphenyl	23.7		24 %	15-150	08/25/09 21:22
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	21.5	A	21 %	25-150	08/25/09 21:22
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	23.7	A	24 %	25-150	08/25/09 21:22
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	23.8	A	24 %	25-150	08/25/09 21:22
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	21.8	A	22 %	25-150	08/25/09 21:22
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	16.3	A	16 %	25-150	08/25/09 21:22
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	26.0		26 %	25-150	08/25/09 21:22
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	25.1		25 %	25-150	08/25/09 21:22
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	13.1	A	13 %	25-150	08/25/09 21:22
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	23.4	A	23 %	25-150	08/25/09 21:22
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	20.6	A	21 %	25-150	08/25/09 21:22
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	22.5	A	22 %	25-150	08/25/09 21:22
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	23.6	A	24 %	25-150	08/25/09 21:22
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	24.8		25 %	25-150	08/25/09 21:22



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-01**Lab ID:** 0907018-09**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	19.8	A	20 %	25-150	08/25/09 21:22
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	40.4	A	20 %	25-150	08/25/09 21:22
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	19.6	A	20 %	25-150	08/25/09 21:22
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	26.4		26 %	25-150	08/25/09 21:22
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	14.3	A	14 %	25-150	08/25/09 21:22
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	25.4		25 %	25-150	08/25/09 21:22
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	21.1	A	21 %	25-150	08/25/09 21:22
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	25.2		25 %	25-150	08/25/09 21:22
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	25.0		25 %	25-150	08/25/09 21:22
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	21.6	A	22 %	25-150	08/25/09 21:22
209L	Surrogate: 13C12-Decachlorobiphenyl	15.4	A	15 %	25-150	08/25/09 21:22
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	531	A	26 %	30-135	08/25/09 21:22
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	579	A	29 %	30-135	08/25/09 21:22
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	391	A	19 %	30-135	08/25/09 21:22



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	2-Monochlorobiphenyl	U		19.6	1	08/25/09 22:27
2	3-Monochlorobiphenyl	U		19.6	1	08/25/09 22:27
3	4-Monochlorobiphenyl	U		19.6	1	08/25/09 22:27
4	<b>2,2'-Dichlorobiphenyl</b>	102	B	19.6	1	08/25/09 22:27
5	2,3-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
6	2,3'-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
7	2,4-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
8	2,4'-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
9	2,5-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
10	2,6-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
11	<b>3,3'-Dichlorobiphenyl</b>	99.0	B	19.6	1	08/25/09 22:27
12/13	3,4-DiCB/3,4'-DiCB	U		19.6	1	08/25/09 22:27
14	3,5-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
15	4,4'-Dichlorobiphenyl	U		19.6	1	08/25/09 22:27
16/24	<b>2,2',3-TrCB/2,3,6-TrCB</b>	24.9	B	19.6	1	08/25/09 22:27
17	<b>2,2',4-Trichlorobiphenyl</b>	24.5	B	19.6	1	08/25/09 22:27
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	89.6	B	19.6	1	08/25/09 22:27
19	2,2',6-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	80.0	B	19.6	1	08/25/09 22:27
21/33	<b>2,3,4-TrCB/2,3',4'-TrCB</b>	30.6	B, EMPC	19.6	1	08/25/09 22:27
22	<b>2,3,4'-Trichlorobiphenyl</b>	35.5	B	19.6	1	08/25/09 22:27
23	<b>2,3,5-Trichlorobiphenyl</b>	62.5		19.6	1	08/25/09 22:27
25	2,3',4-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
26/29	2,3',5-TrCB/2,4,5-TrCB	U		19.6	1	08/25/09 22:27
27	2,3',6-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
31	2,4',5-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
32	<b>2,4',6-Trichlorobiphenyl</b>	75.1	B	19.6	1	08/25/09 22:27
34	2,3',5'-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
35	3,3',4-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
36	3,3',5-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
37	3,4,4'-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
38	3,4,5-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
39	3,4',5-Trichlorobiphenyl	U		19.6	1	08/25/09 22:27
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	21.4	B	19.6	1	08/25/09 22:27
42	2,2',3,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		19.6	1	08/25/09 22:27
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	49.6	B	19.6	1	08/25/09 22:27
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		19.6	1	08/25/09 22:27
46	2,2',3,6'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	31.6	B	19.6	1	08/25/09 22:27
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		19.6	1	08/25/09 22:27
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	53.1	B	19.6	1	08/25/09 22:27
54	2,2',6,6'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
55	2,3,3',4-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
56	<b>2,3,3',4'-Tetrachlorobiphenyl</b>	26.9	B	19.6	1	08/25/09 22:27
57	2,3,3',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
58	2,3,3',5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		19.6	1	08/25/09 22:27
60	2,3,4,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
61/70/74/76	<b>TeCB-61/70/74/76</b>	161	B, EMPC	19.6	1	08/25/09 22:27
63	2,3,4',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
64	2,3,4',6-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	38.8	B	19.6	1	08/25/09 22:27
67	2,3',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
68	2,3',4,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
72	2,3',5,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
77	3,3',4,4'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
78	3,3',4,5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
79	3,3',4,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
80	3,3',5,5'-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
81	3,4,4',5-Tetrachlorobiphenyl	U		19.6	1	08/25/09 22:27
82	2,2',3,3',4-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	23.5	B	19.6	1	08/25/09 22:27
84	2,2',3,3',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		19.6	1	08/25/09 22:27
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	32.9	B, EMPC	19.6	1	08/25/09 22:27
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		19.6	1	08/25/09 22:27
89	2,2',3,4,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	47.1	B	19.6	1	08/25/09 22:27
92	2,2',3,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		19.6	1	08/25/09 22:27
94	2,2',3,5,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	35.1	B	19.6	1	08/25/09 22:27
96	2,2',3,6,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		19.6	1	08/25/09 22:27



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
104	2,2',4,6,6'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	39.4	B, EMPC	19.6	1	08/25/09 22:27
106	2,3,3',4,5-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
107	2,3,3',4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		19.6	1	08/25/09 22:27
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	82.7	B	19.6	1	08/25/09 22:27
111	2,3,3',5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
114	2,3,4,4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	47.8	B	19.6	1	08/25/09 22:27
120	2,3',4,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
121	2,3',4,5',6-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
122	2,3,3',4',5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
123	2,3',4,4',5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
126	3,3',4,4',5-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
127	3,3',4,5,5'-Pentachlorobiphenyl	U		19.6	1	08/25/09 22:27
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		19.6	1	08/25/09 22:27
129/138/163	<b>HxCB-129/138/163</b>	35.5	B	19.6	1	08/25/09 22:27
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		19.6	1	08/25/09 22:27
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		19.6	1	08/25/09 22:27
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		19.6	1	08/25/09 22:27
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	16.7	B, J	19.6	1	08/25/09 22:27
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	32.4	B	19.6	1	08/25/09 22:27
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	7.25	B, J	19.6	1	08/25/09 22:27
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		19.6	1	08/25/09 22:27
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	12.0	B, J	19.6	1	08/25/09 22:27
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		19.6	1	08/25/09 22:27
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	28.0	B	19.6	1	08/25/09 22:27
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		19.6	1	08/25/09 22:27
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		19.6	1	08/25/09 22:27
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		19.6	1	08/25/09 22:27
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	U		19.6	1	08/25/09 22:27
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		19.6	1	08/25/09 22:27
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		19.6	1	08/25/09 22:27
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		19.6	1	08/25/09 22:27
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		19.6	1	08/25/09 22:27
1-3	Total Monochlorobiphenyl	U		19.6	1	08/25/09 22:27
4-15	<b>Total Dichlorobiphenyl</b>	201	B	19.6	1	08/25/09 22:27
16-39	<b>Total Trichlorobiphenyl</b>	423	B	19.6	1	08/25/09 22:27
40-81	<b>Total Tetrachlorobiphenyl</b>	382	B	19.6	1	08/25/09 22:27
82-127	<b>Total Pentachlorobiphenyl</b>	309	B	19.6	1	08/25/09 22:27
128-169	<b>Total Hexachlorobiphenyl</b>	91.8	B	19.6	1	08/25/09 22:27
170-193	<b>Total Heptachlorobiphenyl</b>	40.0	B	19.6	1	08/25/09 22:27
194-205	Total Octachlorobiphenyl	U		19.6	1	08/25/09 22:27
206-208	Total Nonachlorobiphenyl	U		19.6	1	08/25/09 22:27
209	Decachlorobiphenyl	U		19.6	1	08/25/09 22:27

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	14.6		15 %	15-150	08/25/09 22:27
3L	Surrogate: 13C12-4-Monochlorobiphenyl	18.8		19 %	15-150	08/25/09 22:27
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	18.0	A	18 %	25-150	08/25/09 22:27
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	23.0	A	23 %	25-150	08/25/09 22:27
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	19.8	A	20 %	25-150	08/25/09 22:27
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	25.3		25 %	25-150	08/25/09 22:27
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	14.6	A	15 %	25-150	08/25/09 22:27
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	36.0		36 %	25-150	08/25/09 22:27
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	32.7		33 %	25-150	08/25/09 22:27
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	12.7	A	13 %	25-150	08/25/09 22:27
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	32.1		32 %	25-150	08/25/09 22:27
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	28.2		28 %	25-150	08/25/09 22:27
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	30.2		30 %	25-150	08/25/09 22:27
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	12.8	A	13 %	25-150	08/25/09 22:27
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	37.5		37 %	25-150	08/25/09 22:27





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-02**Lab ID:** 0907018-10**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	19.4	A	19 %	25-150	08/25/09 22:27
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	56.4		28 %	25-150	08/25/09 22:27
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	26.1		26 %	25-150	08/25/09 22:27
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	38.2		38 %	25-150	08/25/09 22:27
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	20.1	A	20 %	25-150	08/25/09 22:27
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	38.5		38 %	25-150	08/25/09 22:27
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	31.4		31 %	25-150	08/25/09 22:27
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	38.2		38 %	25-150	08/25/09 22:27
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	40.2		40 %	25-150	08/25/09 22:27
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	34.0		34 %	25-150	08/25/09 22:27
209L	Surrogate: 13C12-Decachlorobiphenyl	28.0		28 %	25-150	08/25/09 22:27
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	476	A	24 %	30-135	08/25/09 22:27
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	775		40 %	30-135	08/25/09 22:27
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	692		35 %	30-135	08/25/09 22:27



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-03**Lab ID:** 0907018-11**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	2-Monochlorobiphenyl	U		19.3	1	08/26/09 03:59
2	3-Monochlorobiphenyl	U		19.3	1	08/26/09 03:59
3	4-Monochlorobiphenyl	U		19.3	1	08/26/09 03:59
4	<b>2,2'-Dichlorobiphenyl</b>	97.4	B	19.3	1	08/26/09 03:59
5	2,3-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
6	2,3'-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
7	2,4-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
8	2,4'-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
9	2,5-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
10	2,6-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
11	3,3'-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
12/13	3,4-DiCB/3,4'-DiCB	U		19.3	1	08/26/09 03:59
14	3,5-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
15	4,4'-Dichlorobiphenyl	U		19.3	1	08/26/09 03:59
16/24	2,2',3-TrCB/2,3,6-TrCB	U		19.3	1	08/26/09 03:59
17	2,2',4-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
18/30	<b>2,2',5-TrCB/2,4,6-TrCB</b>	85.2	B	19.3	1	08/26/09 03:59
19	<b>2,2',6-Trichlorobiphenyl</b>	35.4	B, EMPC	19.3	1	08/26/09 03:59
20/28	<b>2,3,3'-TrCB/2,4,4'-TrCB</b>	79.4	B	19.3	1	08/26/09 03:59
21/33	2,3,4-TrCB/2,3',4'-TrCB	U		19.3	1	08/26/09 03:59
22	<b>2,3,4'-Trichlorobiphenyl</b>	41.0	B	19.3	1	08/26/09 03:59
23	<b>2,3,5-Trichlorobiphenyl</b>	47.1		19.3	1	08/26/09 03:59
25	2,3',4-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
26/29	2,3',5-TrCB/2,4,5-TrCB	U		19.3	1	08/26/09 03:59
27	2,3',6-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
31	<b>2,4',5-Trichlorobiphenyl</b>	66.9	B	19.3	1	08/26/09 03:59
32	2,4',6-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
34	2,3',5'-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
35	3,3',4-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
36	3,3',5-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
37	3,4,4'-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
38	3,4,5-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
39	3,4',5-Trichlorobiphenyl	U		19.3	1	08/26/09 03:59
40/41/71	<b>2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB</b>	24.0	B	19.3	1	08/26/09 03:59
42	2,2',3,4'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		19.3	1	08/26/09 03:59
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	66.5	B	19.3	1	08/26/09 03:59
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		19.3	1	08/26/09 03:59
46	2,2',3,6'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-03**Lab ID:** 0907018-11**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	35.9	B	19.3	1	08/26/09 03:59
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		19.3	1	08/26/09 03:59
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	52.6	B	19.3	1	08/26/09 03:59
54	2,2',6,6'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
55	2,3,3',4-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
56	2,3,3',4'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
57	2,3,3',5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
58	2,3,3',5'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		19.3	1	08/26/09 03:59
60	2,3,4,4'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
61/70/74/76	<b>TeCB-61/70/74/76</b>	190	B, EMPC	19.3	1	08/26/09 03:59
63	2,3,4',5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
64	<b>2,3,4',6-Tetrachlorobiphenyl</b>	25.1	B	19.3	1	08/26/09 03:59
66	<b>2,3',4,4'-Tetrachlorobiphenyl</b>	36.7	B, EMPC	19.3	1	08/26/09 03:59
67	2,3',4,5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
68	2,3',4,5'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
72	2,3',5,5'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
77	3,3',4,4'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
78	3,3',4,5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
79	3,3',4,5'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
80	3,3',5,5'-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
81	3,4,4',5-Tetrachlorobiphenyl	U		19.3	1	08/26/09 03:59
82	2,2',3,3',4-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	19.3	B, EMPC	19.3	1	08/26/09 03:59
84	2,2',3,3',6-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		19.3	1	08/26/09 03:59
86/87/97/109/111 9/125	<b>PeCB-86/87/97/109/119/125</b>	47.3	B	19.3	1	08/26/09 03:59
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		19.3	1	08/26/09 03:59
89	2,2',3,4,6'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	52.2	B	19.3	1	08/26/09 03:59
92	2,2',3,5,5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		19.3	1	08/26/09 03:59
94	2,2',3,5,6'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	36.1	B	19.3	1	08/26/09 03:59
96	2,2',3,6,6'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		19.3	1	08/26/09 03:59



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-03**Lab ID:** 0907018-11**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
104	2,2',4,6,6'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	48.9	B, EMPC	19.3	1	08/26/09 03:59
106	2,3,3',4,5-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
107	2,3,3',4',5-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		19.3	1	08/26/09 03:59
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	76.9	B	19.3	1	08/26/09 03:59
111	2,3,3',5,5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
114	2,3,4,4',5-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	45.2	B	19.3	1	08/26/09 03:59
120	2,3',4,5,5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
121	2,3',4,5',6-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
122	2,3,3',4',5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
123	2,3',4,4',5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
126	3,3',4,4',5-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
127	3,3',4,5,5'-Pentachlorobiphenyl	U		19.3	1	08/26/09 03:59
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U		19.3	1	08/26/09 03:59
129/138/163	<b>HxCB-129/138/163</b>	28.0	B	19.3	1	08/26/09 03:59
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		19.3	1	08/26/09 03:59
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		19.3	1	08/26/09 03:59
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		19.3	1	08/26/09 03:59
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
142	2,2',3,4,5,6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
144	2,2',3,4,5',6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
147/149	<b>2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB</b>	13.9	B, J	19.3	1	08/26/09 03:59
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	26.9	B, EMPC	19.3	1	08/26/09 03:59
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-03**Lab ID:** 0907018-11**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	U		19.3	1	08/26/09 03:59
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U		19.3	1	08/26/09 03:59
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		19.3	1	08/26/09 03:59
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
180/193	2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB	U		19.3	1	08/26/09 03:59
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		19.3	1	08/26/09 03:59
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		19.3	1	08/26/09 03:59
198/199	2,2',3,3',4,5,5',6-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
201	2,2',3,3',4,5',6'-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-03**Lab ID:** 0907018-11**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1035ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	U		19.3	1	08/26/09 03:59
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		19.3	1	08/26/09 03:59
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U		19.3	1	08/26/09 03:59
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	U		19.3	1	08/26/09 03:59
1-3	Total Monochlorobiphenyl	U		19.3	1	08/26/09 03:59
4-15	<b>Total Dichlorobiphenyl</b>	97.4	B	19.3	1	08/26/09 03:59
16-39	<b>Total Trichlorobiphenyl</b>	355	B	19.3	1	08/26/09 03:59
40-81	<b>Total Tetrachlorobiphenyl</b>	431	B	19.3	1	08/26/09 03:59
82-127	<b>Total Pentachlorobiphenyl</b>	326	B	19.3	1	08/26/09 03:59
128-169	<b>Total Hexachlorobiphenyl</b>	68.8	B	19.3	1	08/26/09 03:59
170-193	Total Heptachlorobiphenyl	U		19.3	1	08/26/09 03:59
194-205	Total Octachlorobiphenyl	U		19.3	1	08/26/09 03:59
206-208	Total Nonachlorobiphenyl	U		19.3	1	08/26/09 03:59
209	Decachlorobiphenyl	U		19.3	1	08/26/09 03:59

**Surrogates**

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	17.3		17 %	15-150	08/26/09 03:59
3L	Surrogate: 13C12-4-Monochlorobiphenyl	21.3		21 %	15-150	08/26/09 03:59
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	15.7	A	16 %	25-150	08/26/09 03:59
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	21.5	A	21 %	25-150	08/26/09 03:59
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	18.5	A	18 %	25-150	08/26/09 03:59
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	21.7	A	22 %	25-150	08/26/09 03:59
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	11.8	A	12 %	25-150	08/26/09 03:59
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	27.0		27 %	25-150	08/26/09 03:59
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	24.4	A	24 %	25-150	08/26/09 03:59
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	8.72	A	9 %	25-150	08/26/09 03:59
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	22.5	A	23 %	25-150	08/26/09 03:59
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	19.8	A	20 %	25-150	08/26/09 03:59
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	22.0	A	22 %	25-150	08/26/09 03:59
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	19.1	A	19 %	25-150	08/26/09 03:59
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	26.4		26 %	25-150	08/26/09 03:59

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# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** W-03

**Lab ID:** 0907018-11

**Sample Matrix:** Water

**Date Collected:** 07/23/2009

## PCB Congeners

### Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	17.0	A	17 %	25-150	08/26/09 03:59
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	56.2		28 %	25-150	08/26/09 03:59
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	25.0		25 %	25-150	08/26/09 03:59
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	39.4		39 %	25-150	08/26/09 03:59
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	8.52	A	9 %	25-150	08/26/09 03:59
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	31.1		31 %	25-150	08/26/09 03:59
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	18.6	A	19 %	25-150	08/26/09 03:59
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	28.7		29 %	25-150	08/26/09 03:59
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	26.4		26 %	25-150	08/26/09 03:59
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	21.1	A	21 %	25-150	08/26/09 03:59
209L	Surrogate: 13C12-Decachlorobiphenyl	15.0	A	15 %	25-150	08/26/09 03:59
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	459	A	24 %	30-135	08/26/09 03:59
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	611		32 %	30-135	08/26/09 03:59
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	359	A	19 %	30-135	08/26/09 03:59





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-05**Lab ID:** 0907018-12**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
1	<b>2-Monochlorobiphenyl</b>	258		49.0	1	08/26/09 15:45
2	3-Monochlorobiphenyl	U		49.0	1	08/26/09 15:45
3	<b>4-Monochlorobiphenyl</b>	255		49.0	1	08/26/09 15:45
4	<b>2,2'-Dichlorobiphenyl</b>	488		49.0	1	08/26/09 15:45
5	2,3-Dichlorobiphenyl	U		49.0	1	08/26/09 15:45
6	2,3'-Dichlorobiphenyl	U		49.0	1	08/27/09 12:42
7	2,4-Dichlorobiphenyl	U		49.0	1	08/27/09 12:42
8	<b>2,4'-Dichlorobiphenyl</b>	690		49.0	1	08/27/09 12:42
9	2,5-Dichlorobiphenyl	U		49.0	1	08/27/09 12:42
10	2,6-Dichlorobiphenyl	U		49.0	1	08/27/09 12:42
11	<b>3,3'-Dichlorobiphenyl</b>	848		49.0	1	08/27/09 12:42
12/13	3,4-DiCB/3,4'-DiCB	U		49.0	1	08/27/09 12:42
14	3,5-Dichlorobiphenyl	U		49.0	1	08/27/09 12:42
15	<b>4,4'-Dichlorobiphenyl</b>	350		49.0	1	08/27/09 12:42
16/24	2,2',3-TCB/2,3,6-TCB	U		49.0	1	08/27/09 12:42
17	2,2',4-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
18/30	<b>2,2',5-TCB/2,4,6-TCB</b>	461	B	49.0	1	08/27/09 12:42
19	<b>2,2',6-Trichlorobiphenyl</b>	246		49.0	1	08/27/09 12:42
20/28	<b>2,3,3'-TCB/2,4,4'-TCB</b>	716	B	49.0	1	08/27/09 12:42
21/33	<b>2,3,4-TCB/2,3',4'-TCB</b>	406	B	49.0	1	08/27/09 12:42
22	<b>2,3,4'-Trichlorobiphenyl</b>	280	B	49.0	1	08/27/09 12:42
23	2,3,5-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
25	2,3',4-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
26/29	2,3',5-TCB/2,4,5-TCB	U		49.0	1	08/27/09 12:42
27	2,3',6-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
31	<b>2,4',5-Trichlorobiphenyl</b>	726	B	49.0	1	08/27/09 12:42
32	<b>2,4',6-Trichlorobiphenyl</b>	347	B, EMPC	49.0	1	08/27/09 12:42
34	2,3',5'-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
35	3,3',4-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
36	3,3',5-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
37	<b>3,4,4'-Trichlorobiphenyl</b>	364	B	49.0	1	08/27/09 12:42
38	3,4,5-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
39	3,4',5-Trichlorobiphenyl	U		49.0	1	08/27/09 12:42
40/41/71	2,2',3,3'-TeCB/2,2',3,4-TeCB/2,3',4',6-TeCB	U		49.0	1	08/27/09 12:42
42	2,2',3,4'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
43/73	2,2',3,5-TeCB/2,3',5',6-TeCB	U		49.0	1	08/27/09 12:42
44/47/65	<b>2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB</b>	519	B	49.0	1	08/27/09 12:42
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U		49.0	1	08/27/09 12:42
46	2,2',3,6'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-05**Lab ID:** 0907018-12**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
48	2,2',4,5-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
49/69	<b>2,2',4,5'-TeCB/2,3',4,6-TeCB</b>	229	B	49.0	1	08/27/09 12:42
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U		49.0	1	08/27/09 12:42
52	<b>2,2',5,5'-Tetrachlorobiphenyl</b>	570	B	49.0	1	08/27/09 12:42
54	<b>2,2',6,6'-Tetrachlorobiphenyl</b>	139		49.0	1	08/27/09 12:42
55	2,3,3',4-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
56	2,3,3',4'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
57	2,3,3',5-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
58	2,3,3',5'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U		49.0	1	08/27/09 12:42
60	2,3,4,4'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
61/70/74/76	<b>TeCB-61/70/74/76</b>	5770	EMPC	49.0	1	08/27/09 12:42
63	2,3,4',5-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
64	2,3,4',6-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
66	2,3',4,4'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
67	2,3',4,5-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
68	2,3',4,5'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
72	2,3',5,5'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
77	<b>3,3',4,4'-Tetrachlorobiphenyl</b>	311	B	49.0	1	08/27/09 12:42
78	3,3',4,5-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
79	3,3',4,5'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
80	3,3',5,5'-Tetrachlorobiphenyl	U		49.0	1	08/27/09 12:42
81	<b>3,4,4',5-Tetrachlorobiphenyl</b>	180		49.0	1	08/27/09 12:42
82	2,2',3,3',4-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
83/99/112	<b>2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB</b>	587	B	49.0	1	08/27/09 12:42
84	2,2',3,3',6-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U		49.0	1	08/27/09 12:42
86/87/97/109/119/125	<b>PeCB-86/87/97/109/119/125</b>	932	B	49.0	1	08/27/09 12:42
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U		49.0	1	08/27/09 12:42
89	2,2',3,4,6'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
90/101/113	<b>2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB</b>	1220	B	49.0	1	08/27/09 12:42
92	2,2',3,5,5'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U		49.0	1	08/27/09 12:42
94	2,2',3,5,6'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
95	<b>2,2',3,5',6-Pentachlorobiphenyl</b>	809	B	49.0	1	08/27/09 12:42
96	2,2',3,6,6'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U		49.0	1	08/27/09 12:42



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Fort Meade, Maryland 20755-5350

**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-05**Lab ID:** 0907018-12**Sample Matrix:** Water**Date Collected:** 07/23/2009**PCB Congeners****Targets (Continued)****Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
103	2,2',4,5',6-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
104	<b>2,2',4,6,6'-Pentachlorobiphenyl</b>	98.5		49.0	1	08/27/09 12:42
105	<b>2,3,3',4,4'-Pentachlorobiphenyl</b>	878	B	49.0	1	08/27/09 12:42
106	2,3,3',4,5-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
107	2,3,3',4',5-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U		49.0	1	08/27/09 12:42
110/115	<b>2,3,3',4',6-PeCB/2,3,4,4',6-PeCB</b>	1710	B	49.0	1	08/27/09 12:42
111	2,3,3',5,5'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
114	<b>2,3,4,4',5-Pentachlorobiphenyl</b>	235	EMPC	49.0	1	08/27/09 12:42
118	<b>2,3',4,4',5-Pentachlorobiphenyl</b>	1250	B	49.0	1	08/27/09 12:42
120	2,3',4,5,5'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
121	2,3',4,5,6-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
122	2,3,3',4',5'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
123	<b>2,3',4,4',5'-Pentachlorobiphenyl</b>	147	EMPC	49.0	1	08/27/09 12:42
126	<b>3,3',4,4',5-Pentachlorobiphenyl</b>	238		49.0	1	08/27/09 12:42
127	3,3',4,5,5'-Pentachlorobiphenyl	U		49.0	1	08/27/09 12:42
128/166	<b>2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB</b>	169	B	49.0	1	08/27/09 12:42
129/138/163	<b>HxCB-129/138/163</b>	739	B	49.0	1	08/27/09 12:42
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
131	2,2',3,3',4,6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
132	2,2',3,3',4,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U		49.0	1	08/27/09 12:42
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U		49.0	1	08/27/09 12:42
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
137	2,2',3,4,4',5-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U		49.0	1	08/27/09 12:42
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
142	<b>2,2',3,4,5,6-Hexachlorobiphenyl</b>	191		49.0	1	08/27/09 12:42
144	<b>2,2',3,4,5',6-Hexachlorobiphenyl</b>	389		49.0	1	08/27/09 12:42
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	U		49.0	1	08/27/09 12:42
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
153/168	<b>2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB</b>	715	B	49.0	1	08/27/09 12:42
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-05**Lab ID:** 0907018-12**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
156/157	<b>2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB</b>	728		49.0	1	08/27/09 12:42
158	2,3,3',4,4',6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
160	2,3,3',4,5,6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
161	2,3,3',4,5',6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
164	2,3,3',4',5',6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
165	2,3,3',5,5',6-Hexachlorobiphenyl	U		49.0	1	08/27/09 12:42
167	<b>2,3',4,4',5,5'-Hexachlorobiphenyl</b>	219		49.0	1	08/27/09 12:42
169	<b>3,3',4,4',5,5'-Hexachlorobiphenyl</b>	233		49.0	1	08/27/09 12:42
170	<b>2,2',3,3',4,4',5-Heptachlorobiphenyl</b>	218	B, EMPC	49.0	1	08/27/09 12:42
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U		49.0	1	08/27/09 12:42
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
180/193	<b>2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB</b>	503	B	49.0	1	08/27/09 12:42
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	U		49.0	1	08/27/09 12:42
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
188	<b>2,2',3,4',5,6,6'-Heptachlorobiphenyl</b>	149		49.0	1	08/27/09 12:42
189	<b>2,3,3',4,4',5,5'-Heptachlorobiphenyl</b>	162		49.0	1	08/27/09 12:42
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U		49.0	1	08/27/09 12:42
194	<b>2,2',3,3',4,4',5,5'-Octachlorobiphenyl</b>	138	B	49.0	1	08/27/09 12:42
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U		49.0	1	08/27/09 12:42
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U		49.0	1	08/27/09 12:42
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U		49.0	1	08/27/09 12:42
198/199	<b>2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB</b>	150	B	49.0	1	08/27/09 12:42
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U		49.0	1	08/27/09 12:42
202	<b>2,2',3,3',5,5',6,6'-Octachlorobiphenyl</b>	183		49.0	1	08/27/09 12:42
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U		49.0	1	08/27/09 12:42



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**Site Name:** Lin Electric Company**Project #:** DAS R33278**Station ID:** W-05**Lab ID:** 0907018-12**Sample Matrix:** Water**Date Collected:** 07/23/2009

## PCB Congeners

## Targets (Continued)

**Batch:** BG92803 **Sample Volume:** 1020ml**Method/SOP#:** EPA 1668a

Congener Number:	Analyte	Result pg/L	Flags Qualifiers	Quantitation Limit	Dilution Factor	Date Analyzed
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U		49.0	1	08/27/09 12:42
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	140	EMPC	49.0	1	08/27/09 12:42
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	291	B	49.0	1	08/27/09 12:42
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U		49.0	1	08/27/09 12:42
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	206		49.0	1	08/27/09 12:42
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	256	B	49.0	1	08/27/09 12:42
1-3	Total Monochlorobiphenyl	U		49.0	1	08/27/09 12:42
4-15	Total Dichlorobiphenyl	1890		49.0	1	08/27/09 12:42
16-39	Total Trichlorobiphenyl	3550	B	49.0	1	08/27/09 12:42
40-81	Total Tetrachlorobiphenyl	7710	B	49.0	1	08/27/09 12:42
82-127	Total Pentachlorobiphenyl	8100	B	49.0	1	08/27/09 12:42
128-169	Total Hexachlorobiphenyl	3380	B	49.0	1	08/27/09 12:42
170-193	Total Heptachlorobiphenyl	1030	B	49.0	1	08/27/09 12:42
194-205	Total Octachlorobiphenyl	611	B	49.0	1	08/27/09 12:42
206-208	Total Nonachlorobiphenyl	497	B	49.0	1	08/27/09 12:42
209	Decachlorobiphenyl	256	B	49.0	1	08/27/09 12:42

## Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
1L	Surrogate: 13C12-2-Monochlorobiphenyl	8.52	A	11 %	15-150	08/26/09 15:45
3L	Surrogate: 13C12-4-Monochlorobiphenyl	18.9		24 %	15-150	08/26/09 15:45
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	7.67	A	10 %	25-150	08/26/09 15:45
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	17.0	A	21 %	25-150	08/27/09 12:42
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	11.8	A	15 %	25-150	08/27/09 12:42
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	18.4	A	23 %	25-150	08/27/09 12:42
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	10.8	A	14 %	25-150	08/27/09 12:42
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	16.1	A	20 %	25-150	08/27/09 12:42
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	15.8	A	20 %	25-150	08/27/09 12:42
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	11.1	A	14 %	25-150	08/27/09 12:42
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	13.6	A	17 %	25-150	08/27/09 12:42
114 L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	12.5	A	16 %	25-150	08/27/09 12:42
118 L	Surrogate: 13C12-2,3',4,4',5-Pentachlorobiphenyl	14.1	A	18 %	25-150	08/27/09 12:42
123L	Surrogate: 13C12-2',3,4,4',5-Pentachlorobiphenyl	14.2	A	18 %	25-150	08/27/09 12:42
126L	Surrogate: 13C12-3,3',4,4',5-Pentachlorobiphenyl	15.5	A	19 %	25-150	08/27/09 12:42



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**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** W-05

**Lab ID:** 0907018-12

**Sample Matrix:** Water

**Date Collected:** 07/23/2009

## PCB Congeners

### Surrogates

Congener Number:	Analyte	Result ng/mL	Flags Qualifiers	%Rec	%Rec Limit	Date Analyzed
155L	Surrogate: 13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	16.0	A	20 %	25-150	08/27/09 12:42
156L/157L	Surrogate: 13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	41.7		26 %	25-150	08/27/09 12:42
167L	Surrogate: 13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	18.5	A	23 %	25-150	08/27/09 12:42
169L	Surrogate: 13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	26.4		33 %	25-150	08/27/09 12:42
188L	Surrogate: 13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	7.82	A	10 %	25-150	08/27/09 12:42
189L	Surrogate: 13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	16.6	A	21 %	25-150	08/27/09 12:42
202L	Surrogate: 13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	10.3	A	13 %	25-150	08/27/09 12:42
205L	Surrogate: 13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	14.3	A	18 %	25-150	08/27/09 12:42
206L	Surrogate: 13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	15.0	A	19 %	25-150	08/27/09 12:42
208L	Surrogate: 13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	13.0	A	16 %	25-150	08/27/09 12:42
209L	Surrogate: 13C12-Decachlorobiphenyl	10.3	A	13 %	25-150	08/27/09 12:42
28L	Surrogate: 13C12-2,4,4'-Trichlorobiphenyl	3110		79 %	30-135	08/27/09 12:42
111 L	Surrogate: 13C12-2,3,3',5,5'-Pentachlorobiphenyl	2650		68 %	30-135	08/27/09 12:42
178L	Surrogate: 13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	2540		65 %	30-135	08/27/09 12:42



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** SD-01

**Lab ID:** 0907018-01

**Sample Matrix:** Sediment

**Date Collected:** 07/23/2009

**Classical Chemistry Parameters  
Targets**

Analyte	Result % by Weight	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
% Solids	66.2			1	08/17/09	08/18/09 13:24	USGS I-5753-85





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**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** SD-02

**Lab ID:** 0907018-02

**Sample Matrix:** Sediment

**Date Collected:** 07/23/2009

**Classical Chemistry Parameters  
Targets**

Analyte	Result % by Weight	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
% Solids	63.2			1	08/17/09	08/18/09 13:24	USGS I-5753-85



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701 Mapes Road  
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**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** SD-03

**Lab ID:** 0907018-03

**Sample Matrix:** Sediment

**Date Collected:** 07/23/2009

**Classical Chemistry Parameters  
Targets**

Analyte	Result % by Weight	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
% Solids	65.1			1	08/17/09	08/18/09 13:24	USGS I-5753-85



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701 Mapes Road  
Fort Meade, Maryland 20755-5350



**Site Name:** Lin Electric Company

**Project #:** DAS R33278

**Station ID:** SD-04

**Lab ID:** 0907018-04

**Sample Matrix:** Sediment

**Date Collected:** 07/23/2009

**Classical Chemistry Parameters  
Targets**

Analyte	Result % by Weight	Flags Qualifiers	Quantitation Limit	Dilution	Prepared	Analyzed	Method/SOP#
% Solids	68.9			1	08/17/09	08/18/09 13:24	USGS I-5753-85



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701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
Classical Chemistry Parameters

Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch BH91702 - PD60/PD105

Duplicate (BH91702-DUP1)

Source: 0907018-01

Prepared: 08/17/09 09:06

Analyzed: 08/18/09 13:24

% Solids	66.4		% by Weight		66.2			0.3	20	
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701 Mapes Road  
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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92803 - EPA 3520C PCB Congeners

#### Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 13:53

1	2-Monochlorobiphenyl	4.60	20.0	pg/L							EMPC, J
2	3-Monochlorobiphenyl	U	20.0	"							
3	4-Monochlorobiphenyl	U	20.0	"							
4	2,2'-Dichlorobiphenyl	20.2	20.0	"							
5	2,3-Dichlorobiphenyl	U	20.0	"							
6	2,3'-Dichlorobiphenyl	U	20.0	"							
7	2,4-Dichlorobiphenyl	U	20.0	"							
8	2,4'-Dichlorobiphenyl	16.4	20.0	"							J
9	2,5-Dichlorobiphenyl	U	20.0	"							
10	2,6-Dichlorobiphenyl	U	20.0	"							
11	3,3'-Dichlorobiphenyl	28.4	20.0	"							
12/13	3,4-DiCB/3,4'-DiCB	U	20.0	"							
14	3,5-Dichlorobiphenyl	U	20.0	"							
15	4,4'-Dichlorobiphenyl	31.4	20.0	"							EMPC
16/24	2,2',3'-TrCB/2,3,6-TrCB	23.6	20.0	"							
17	2,2',4'-Trichlorobiphenyl	25.2	20.0	"							
18/30	2,2',5'-TrCB/2,4,6-TrCB	50.0	20.0	"							
19	2,2',6'-Trichlorobiphenyl	21.8	20.0	"							
20/28	2,3,3'-TrCB/2,4,4'-TrCB	120	20.0	"							
21/33	2,3,4-TrCB/2,3',4'-TrCB	50.6	20.0	"							
22	2,3,4'-Trichlorobiphenyl	38.0	20.0	"							
23	2,3,5-Trichlorobiphenyl	U	20.0	"							
25	2,3',4'-Trichlorobiphenyl	U	20.0	"							
26/29	2,3',5'-TrCB/2,4,5-TrCB	U	20.0	"							
27	2,3',6'-Trichlorobiphenyl	17.8	20.0	"							J
31	2,4',5'-Trichlorobiphenyl	99.6	20.0	"							
32	2,4',6'-Trichlorobiphenyl	51.4	20.0	"							
34	2,3',5'-Trichlorobiphenyl	U	20.0	"							
35	3,3',4'-Trichlorobiphenyl	U	20.0	"							
36	3,3',5'-Trichlorobiphenyl	U	20.0	"							
37	3,4,4'-Trichlorobiphenyl	48.6	20.0	"							
38	3,4,5-Trichlorobiphenyl	U	20.0	"							
39	3,4',5'-Trichlorobiphenyl	U	20.0	"							
40/41/71	2,2',3,3'-TeCB/2,2',3,4'-TeCB/2,3',4',6-TeCB	68.8	20.0	"							
42	2,2',3,4'-Tetrachlorobiphenyl	U	20.0	"							
43/73	2,2',3,5'-TeCB/2,3',5',6-TeCB	U	20.0	"							
44/47/65	2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB	111	20.0	"							
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92803 - EPA 3520C PCB Congeners

#### Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 13:53

46	2,2',3,6'-Tetrachlorobiphenyl	U	20.0	pg/L							
48	2,2',4,5'-Tetrachlorobiphenyl	U	20.0	"							
49/69	2,2',4,5'-TeCB/2,3',4,6-TeCB	84.8	20.0	"							
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U	20.0	"							
52	2,2',5,5'-Tetrachlorobiphenyl	119	20.0	"							
54	2,2',6,6'-Tetrachlorobiphenyl	U	20.0	"							
55	2,3,3',4'-Tetrachlorobiphenyl	U	20.0	"							
56	2,3,3',4'-Tetrachlorobiphenyl	94.0	20.0	"							
57	2,3,3',5'-Tetrachlorobiphenyl	U	20.0	"							
58	2,3,3',5'-Tetrachlorobiphenyl	U	20.0	"							
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U	20.0	"							
60	2,3,4,4'-Tetrachlorobiphenyl	48.8	20.0	"							
61/70/74/76	TeCB-61/70/74/76	292	20.0	"							
63	2,3,4',5'-Tetrachlorobiphenyl	U	20.0	"							
64	2,3,4',6'-Tetrachlorobiphenyl	73.4	20.0	"							
66	2,3',4,4'-Tetrachlorobiphenyl	160	20.0	"							
67	2,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
68	2,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
72	2,3',5,5'-Tetrachlorobiphenyl	U	20.0	"							
77	3,3',4,4'-Tetrachlorobiphenyl	43.2	20.0	"							
78	3,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
79	3,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
80	3,3',5,5'-Tetrachlorobiphenyl	U	20.0	"							
81	3,4,4',5'-Tetrachlorobiphenyl	U	20.0	"							
82	2,2',3,3',4-Pentachlorobiphenyl	U	20.0	"							
83/99/112	2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB	98.2	20.0	"							
84	2,2',3,3',6-Pentachlorobiphenyl	32.2	20.0	"							
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U	20.0	"							
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	136	20.0	"							
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	25.4	20.0	"							
89	2,2',3,4,6'-Pentachlorobiphenyl	U	20.0	"							
90/101/113	2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB	175	20.0	"							
92	2,2',3,5,5'-Pentachlorobiphenyl	27.6	20.0	"							
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U	20.0	"							
94	2,2',3,5,6'-Pentachlorobiphenyl	U	20.0	"							
95	2,2',3,5',6-Pentachlorobiphenyl	96.0	20.0	"							
96	2,2',3,6,6'-Pentachlorobiphenyl	U	20.0	"							
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U	20.0	"							



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 13:53

103	2,2',4,5',6-Pentachlorobiphenyl	U	20.0	pg/L							
104	2,2',4,6,6'-Pentachlorobiphenyl	U	20.0	"							
105	2,3,3',4,4'-Pentachlorobiphenyl	129	20.0	"							
106	2,3,3',4,5-Pentachlorobiphenyl	U	20.0	"							
107	2,3,3',4',5-Pentachlorobiphenyl	U	20.0	"							
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U	20.0	"							
110/115	2,3,3',4',6-PeCB/2,3,4,4',6-PeCB	278	20.0	"							
111	2,3,3',5,5'-Pentachlorobiphenyl	U	20.0	"							
114	2,3,4,4',5-Pentachlorobiphenyl	U	20.0	"							
118	2,3',4,4',5-Pentachlorobiphenyl	206	20.0	"							
120	2,3',4,5,5'-Pentachlorobiphenyl	U	20.0	"							
121	2,3',4,5',6-Pentachlorobiphenyl	U	20.0	"							
122	2,3,3',4',5'-Pentachlorobiphenyl	U	20.0	"							
123	2,3',4,4',5'-Pentachlorobiphenyl	U	20.0	"							
126	3,3',4,4',5-Pentachlorobiphenyl	U	20.0	"							
127	3,3',4,5,5'-Pentachlorobiphenyl	U	20.0	"							
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	42.2	20.0	"							
129/138/163	HxCB-129/138/163	243	20.0	"							
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U	20.0	"							
131	2,2',3,3',4,6-Hexachlorobiphenyl	U	20.0	"							
132	2,2',3,3',4,6'-Hexachlorobiphenyl	66.0	20.0	"							
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U	20.0	"							
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U	20.0	"							
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	55.4	20.0	"							
136	2,2',3,3',6,6'-Hexachlorobiphenyl	26.6	20.0	"							
137	2,2',3,4,4',5-Hexachlorobiphenyl	U	20.0	"							
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U	20.0	"							
141	2,2',3,4,5,5'-Hexachlorobiphenyl	39.0	20.0	"							EMPC
142	2,2',3,4,5,6-Hexachlorobiphenyl	U	20.0	"							
144	2,2',3,4,5',6-Hexachlorobiphenyl	U	20.0	"							
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U	20.0	"							
146	2,2',3,4',5,5'-Hexachlorobiphenyl	34.6	20.0	"							
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	151	20.0	"							
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U	20.0	"							
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U	20.0	"							
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U	20.0	"							
153/168	2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB	272	20.0	"							
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U	20.0	"							





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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 13:53

155	2,2',4,4',6,6'-Hexachlorobiphenyl	U	20.0	pg/L							
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	41.6	20.0	"							
158	2,3,3',4,4',6-Hexachlorobiphenyl	31.4	20.0	"							
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U	20.0	"							
160	2,3,3',4,5,6-Hexachlorobiphenyl	U	20.0	"							
161	2,3,3',4,5',6-Hexachlorobiphenyl	U	20.0	"							
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U	20.0	"							
164	2,3,3',4',5',6-Hexachlorobiphenyl	U	20.0	"							
165	2,3,3',5,5',6-Hexachlorobiphenyl	U	20.0	"							
167	2,3',4,4',5,5'-Hexachlorobiphenyl	13.0	20.0	"							J
169	3,3',4,4',5,5'-Hexachlorobiphenyl	15.0	20.0	"							J
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	97.6	20.0	"							
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U	20.0	"							
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U	20.0	"							
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	101	20.0	"							
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U	20.0	"							
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U	20.0	"							
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	52.4	20.0	"							
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U	20.0	"							
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	34.0	20.0	"							
180/193	2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB	270	20.0	"							
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U	20.0	"							
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U	20.0	"							
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	56.4	20.0	"							
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U	20.0	"							
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U	20.0	"							
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	79.0	20.0	"							
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U	20.0	"							
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U	20.0	"							
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U	20.0	"							
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U	20.0	"							
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U	20.0	"							
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	42.0	20.0	"							
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	15.4	20.0	"							J
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	23.6	20.0	"							
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U	20.0	"							
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	48.4	20.0	"							
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 13:53

202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	11.8	20.0	pg/L							J
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	32.6	20.0	"							
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U	20.0	"							
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U	20.0	"							
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	42.2	20.0	"							
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U	20.0	"							
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	16.8	20.0	"							J
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	47.4	20.0	"							EMPC
1-3	Total Monochlorobiphenyl	4.60	20.0	"							J
4-15	Total Dichlorobiphenyl	96.4	20.0	"							
16-39	Total Trichlorobiphenyl	546	20.0	"							
40-81	Total Tetrachlorobiphenyl	1100	20.0	"							
82-127	Total Pentachlorobiphenyl	1200	20.0	"							
128-169	Total Hexachlorobiphenyl	1030	20.0	"							
170-193	Total Heptachlorobiphenyl	690	20.0	"							
194-205	Total Octachlorobiphenyl	174	20.0	"							
206-208	Total Nonachlorobiphenyl	59.0	20.0	"							
209	Decachlorobiphenyl	47.4	20.0	"							
1L	Surrogate:13C12-2-Monochlorobiphenyl	18.8		ng/mL	100.00		19	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	20.9		"	100.00		21	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	21.9		"	100.00		22	25-150			A
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	22.3		"	100.00		22	25-150			A
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	23.5		"	100.00		24	25-150			A
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	19.7		"	100.00		20	25-150			A
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	18.5		"	100.00		19	25-150			A
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	23.3		"	100.00		23	25-150			A
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	22.8		"	100.00		23	25-150			A
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	16.2		"	100.00		16	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	24.5		"	100.00		25	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	21.5		"	100.00		22	25-150			A
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	23.2		"	100.00		23	25-150			A
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	24.2		"	100.00		24	25-150			A
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	25.4		"	100.00		25	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	19.9		"	100.00		20	25-150			A
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	35.5		"	200.00		18	25-150			A
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	17.4		"	100.00		17	25-150			A
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	21.7		"	100.00		22	25-150			A



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK1)

Prepared: 07/28/09 16:37

Analyzed: 08/25/09 13:53

188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	19.7		ng/mL	100.00		20	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	22.4		"	100.00		22	25-150			A
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	25.0		"	100.00		25	25-150			A
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	23.5		"	100.00		24	25-150			A
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	23.8		"	100.00		24	25-150			A
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl	22.8		"	100.00		23	25-150			A
209L	Surrogate:13C12-Decachlorobiphenyl	16.6		"	100.00		17	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	453		pg/L	2000.0		23	30-135			A
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	539		"	2000.0		27	30-135			A
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	418		"	2000.0		21	30-135			A

## Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37

Analyzed: 08/25/09 14:55

1	2-Monochlorobiphenyl	U	20.0	pg/L							
2	3-Monochlorobiphenyl	U	20.0	"							
3	4-Monochlorobiphenyl	U	20.0	"							
4	2,2'-Dichlorobiphenyl	10.8	20.0	"							J
5	2,3-Dichlorobiphenyl	U	20.0	"							
6	2,3'-Dichlorobiphenyl	U	20.0	"							
7	2,4-Dichlorobiphenyl	5.40	20.0	"							J
8	2,4'-Dichlorobiphenyl	5.00	20.0	"							J
9	2,5-Dichlorobiphenyl	U	20.0	"							
10	2,6-Dichlorobiphenyl	U	20.0	"							
11	3,3'-Dichlorobiphenyl	22.2	20.0	"							
12/13	3,4-DiCB/3,4'-DiCB	U	20.0	"							
14	3,5-Dichlorobiphenyl	U	20.0	"							
15	4,4'-Dichlorobiphenyl	10.0	20.0	"							EMPC, J
16/24	2,2',3-TrCB/2,3,6-TrCB	U	20.0	"							
17	2,2',4-Trichlorobiphenyl	8.20	20.0	"							EMPC, J
18/30	2,2',5-TrCB/2,4,6-TrCB	11.6	20.0	"							EMPC, J
19	2,2',6-Trichlorobiphenyl	12.6	20.0	"							J
20/28	2,3,3'-TrCB/2,4,4'-TrCB	26.0	20.0	"							
21/33	2,3,4-TrCB/2,3',4'-TrCB	10.2	20.0	"							J
22	2,3,4'-Trichlorobiphenyl	7.60	20.0	"							EMPC, J
23	2,3,5-Trichlorobiphenyl	U	20.0	"							
25	2,3',4-Trichlorobiphenyl	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 14:55

26/29	2,3',5'-TrCB/2,4,5-TrCB	U	20.0	"							
27	2,3',6-Trichlorobiphenyl	8.00	20.0	"							EMPC, J
31	2,4',5-Trichlorobiphenyl	20.8	20.0	"							
32	2,4',6-Trichlorobiphenyl	23.0	20.0	"							
34	2,3',5'-Trichlorobiphenyl	U	20.0	"							
35	3,3',4-Trichlorobiphenyl	U	20.0	"							
36	3,3',5-Trichlorobiphenyl	U	20.0	"							
37	3,4,4'-Trichlorobiphenyl	7.60	20.0	"							J
38	3,4,5-Trichlorobiphenyl	U	20.0	"							
39	3,4',5-Trichlorobiphenyl	U	20.0	"							
40/41/71	2,2',3,3'-TeCB/2,2',3,4'-TeCB/2,3',4',6-TeCB	12.8	20.0	"							J
42	2,2',3,4'-Tetrachlorobiphenyl	U	20.0	"							
43/73	2,2',3,5'-TeCB/2,3',5',6-TeCB	U	20.0	"							
44/47/65	2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB	30.8	20.0	"							EMPC
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U	20.0	"							
46	2,2',3,6'-Tetrachlorobiphenyl	U	20.0	"							
48	2,2',4,5-Tetrachlorobiphenyl	U	20.0	"							
49/69	2,2',4,5'-TeCB/2,3',4,6-TeCB	19.2	20.0	"							J
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U	20.0	"							
52	2,2',5,5'-Tetrachlorobiphenyl	22.0	20.0	"							
54	2,2',6,6'-Tetrachlorobiphenyl	U	20.0	"							
55	2,3,3',4-Tetrachlorobiphenyl	U	20.0	"							
56	2,3,3',4'-Tetrachlorobiphenyl	12.8	20.0	"							J
57	2,3,3',5-Tetrachlorobiphenyl	U	20.0	"							
58	2,3,3',5'-Tetrachlorobiphenyl	U	20.0	"							
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U	20.0	"							
60	2,3,4,4'-Tetrachlorobiphenyl	U	20.0	"							
61/70/74/76	TeCB-61/70/74/76	37.0	20.0	"							
63	2,3,4',5-Tetrachlorobiphenyl	U	20.0	"							
64	2,3,4',6-Tetrachlorobiphenyl	11.4	20.0	"							J
66	2,3',4,4'-Tetrachlorobiphenyl	25.2	20.0	"							
67	2,3',4,5-Tetrachlorobiphenyl	U	20.0	"							
68	2,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
72	2,3',5,5'-Tetrachlorobiphenyl	U	20.0	"							
77	3,3',4,4'-Tetrachlorobiphenyl	7.60	20.0	"							EMPC, J
78	3,3',4,5-Tetrachlorobiphenyl	U	20.0	"							
79	3,3',4,5'-Tetrachlorobiphenyl	U	20.0	"							
80	3,3',5,5'-Tetrachlorobiphenyl	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92803 - EPA 3520C PCB Congeners

#### Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 14:55

81	3,4,4',5'-Tetrachlorobiphenyl	U	20.0	pg/L							
82	2,2',3,3',4-Pentachlorobiphenyl	U	20.0	"							
83/99/112	2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB	10.2	20.0	"							J
84	2,2',3,3',6-Pentachlorobiphenyl	U	20.0	"							
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U	20.0	"							
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	17.6	20.0	"							J
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U	20.0	"							
89	2,2',3,4,6'-Pentachlorobiphenyl	U	20.0	"							
90/101/113	2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB	23.6	20.0	"							
92	2,2',3,5,5'-Pentachlorobiphenyl	U	20.0	"							
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U	20.0	"							
94	2,2',3,5,6'-Pentachlorobiphenyl	U	20.0	"							
95	2,2',3,5',6-Pentachlorobiphenyl	13.8	20.0	"							J
96	2,2',3,6,6'-Pentachlorobiphenyl	U	20.0	"							
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U	20.0	"							
103	2,2',4,5',6-Pentachlorobiphenyl	U	20.0	"							
104	2,2',4,6,6'-Pentachlorobiphenyl	U	20.0	"							
105	2,3,3',4,4'-Pentachlorobiphenyl	13.6	20.0	"							J
106	2,3,3',4,5-Pentachlorobiphenyl	U	20.0	"							
107	2,3,3',4',5-Pentachlorobiphenyl	U	20.0	"							
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U	20.0	"							
110/115	2,3,3',4',6-PeCB/2,3,4,4',6-PeCB	26.8	20.0	"							
111	2,3,3',5,5'-Pentachlorobiphenyl	U	20.0	"							
114	2,3,4,4',5-Pentachlorobiphenyl	U	20.0	"							
118	2,3',4,4',5-Pentachlorobiphenyl	22.0	20.0	"							
120	2,3',4,5,5'-Pentachlorobiphenyl	U	20.0	"							
121	2,3',4,5',6-Pentachlorobiphenyl	U	20.0	"							
122	2,3,3',4',5'-Pentachlorobiphenyl	U	20.0	"							
123	2,3',4,4',5'-Pentachlorobiphenyl	U	20.0	"							
126	3,3',4,4',5-Pentachlorobiphenyl	U	20.0	"							
127	3,3',4,5,5'-Pentachlorobiphenyl	U	20.0	"							
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U	20.0	"							
129/138/163	HxCB-129/138/163	25.6	20.0	"							
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U	20.0	"							
131	2,2',3,3',4,6-Hexachlorobiphenyl	U	20.0	"							
132	2,2',3,3',4,6'-Hexachlorobiphenyl	6.60	20.0	"							J
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U	20.0	"							
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 14:55

135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6'-HxCB	7.20	20.0	pg/L							J
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U	20.0	"							
137	2,2',3,4,4',5'-Hexachlorobiphenyl	U	20.0	"							
139/140	2,2',3,4,4',6'-HxCB/2,2',3,4,4',6'-HxCB	U	20.0	"							
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U	20.0	"							
142	2,2',3,4,5,6'-Hexachlorobiphenyl	U	20.0	"							
144	2,2',3,4,5',6'-Hexachlorobiphenyl	U	20.0	"							
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U	20.0	"							
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U	20.0	"							
147/149	2,2',3,4',5,6'-HxCB/2,2',3,4',5',6'-HxCB	17.4	20.0	"							J
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U	20.0	"							
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U	20.0	"							
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U	20.0	"							
153/168	2,2',4,4',5,5'-HxCB/2,3',4,4',5',6'-HxCB	28.0	20.0	"							
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U	20.0	"							
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U	20.0	"							
156/157	2,3,3',4,4',5'-HxCB/2,3,3',4,4',5'-HxCB	3.40	20.0	"							J
158	2,3,3',4,4',6'-Hexachlorobiphenyl	U	20.0	"							
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U	20.0	"							
160	2,3,3',4,5,6'-Hexachlorobiphenyl	U	20.0	"							
161	2,3,3',4,5',6'-Hexachlorobiphenyl	U	20.0	"							
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U	20.0	"							
164	2,3,3',4',5',6'-Hexachlorobiphenyl	U	20.0	"							
165	2,3,3',5,5',6'-Hexachlorobiphenyl	U	20.0	"							
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U	20.0	"							
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U	20.0	"							
170	2,2',3,3',4,4',5'-Heptachlorobiphenyl	U	20.0	"							
171/173	2,2',3,3',4,4',6'-HpCB/2,2',3,3',4,5,6'-HpCB	U	20.0	"							
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U	20.0	"							
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	10.0	20.0	"							J
175	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U	20.0	"							
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U	20.0	"							
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U	20.0	"							
178	2,2',3,3',5,5',6'-Heptachlorobiphenyl	U	20.0	"							
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U	20.0	"							
180/193	2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6'-HpCB	26.2	20.0	"							
181	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U	20.0	"							
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U	20.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37 Analyzed: 08/25/09 14:55

183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	6.00	20.0	pg/L							J
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U	20.0	"							
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U	20.0	"							
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	8.60	20.0	"							J
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U	20.0	"							
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U	20.0	"							
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U	20.0	"							
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U	20.0	"							
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U	20.0	"							
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	6.40	20.0	"							EMPC, J
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U	20.0	"							
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	2.20	20.0	"							J
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U	20.0	"							
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	4.60	20.0	"							J
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U	20.0	"							
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U	20.0	"							
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	3.40	20.0	"							J
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U	20.0	"							
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U	20.0	"							
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	4.20	20.0	"							J
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U	20.0	"							
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	1.80	20.0	"							EMPC, J
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	7.80	20.0	"							J
1-3	Total Monochlorobiphenyl	U	20.0	"							
4-15	Total Dichlorobiphenyl	53.4	20.0	"							
16-39	Total Trichlorobiphenyl	136	20.0	"							
40-81	Total Tetrachlorobiphenyl	179	20.0	"							
82-127	Total Pentachlorobiphenyl	128	20.0	"							
128-169	Total Hexachlorobiphenyl	88.2	20.0	"							
170-193	Total Heptachlorobiphenyl	50.8	20.0	"							
194-205	Total Octachlorobiphenyl	16.6	20.0	"							J
206-208	Total Nonachlorobiphenyl	6.00	20.0	"							J
209	Decachlorobiphenyl	7.80	20.0	"							J

1L	Surrogate:13C12-2-Monochlorobiphenyl	27.9	ng/mL	100.00	28	15-150
3L	Surrogate:13C12-4-Monochlorobiphenyl	31.3	"	100.00	31	15-150
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	34.2	"	100.00	34	25-150
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	34.2	"	100.00	34	25-150
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	36.6	"	100.00	37	25-150





## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Blank (BG92803-BLK2)

Prepared: 07/28/09 16:37

Analyzed: 08/25/09 14:55

37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	30.2		ng/mL	100.00		30	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	27.9		"	100.00		28	25-150			
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	41.0		"	100.00		41	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	39.1		"	100.00		39	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	21.8		"	100.00		22	25-150			EMPC
105L	Surrogate:13C12-2,3,3',4,4',5-Pentachlorobiphenyl	41.9		"	100.00		42	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	37.5		"	100.00		38	25-150			
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	40.1		"	100.00		40	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	40.8		"	100.00		41	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	43.5		"	100.00		44	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	32.8		"	100.00		33	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	62.9		"	200.00		31	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	30.7		"	100.00		31	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	38.1		"	100.00		38	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	32.6		"	100.00		33	25-150			
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	37.4		"	100.00		37	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	42.0		"	100.00		42	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	39.3		"	100.00		39	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	42.2		"	100.00		42	25-150			
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl	37.9		"	100.00		38	25-150			
209L	Surrogate:13C12-Decachlorobiphenyl	30.1		"	100.00		30	25-150			
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	777		pg/L	2000.0		39	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	983		"	2000.0		49	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	806		"	2000.0		40	30-135			

## LCS (BG92803-BS1)

Prepared: 07/28/09 16:37

Analyzed: 08/26/09 00:46

1	2-Monochlorobiphenyl	227	20.0	pg/L	200.00		113	50-150			
3	4-Monochlorobiphenyl	225	20.0	"	200.00		113	50-150			
4	2,2'-Dichlorobiphenyl	250	20.0	"	200.00		125	50-150			
15	4,4'-Dichlorobiphenyl	232	20.0	"	200.00		116	50-150			
19	2,2',6-Trichlorobiphenyl	227	20.0	"	200.00		114	50-150			
37	3,4,4'-Trichlorobiphenyl	166	20.0	"	200.00		83	50-150			
54	2,2',6,6'-Tetrachlorobiphenyl	224	20.0	"	200.00		112	50-150			
77	3,3',4,4'-Tetrachlorobiphenyl	222	20.0	"	200.00		111	50-150			
81	3,4,4',5-Tetrachlorobiphenyl	200	20.0	"	200.00		100	50-150			



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## LCS (BG92803-BS1)

Prepared: 07/28/09 16:37

Analyzed: 08/26/09 00:46

104	2,2',4,6,6'-Pentachlorobiphenyl	242	20.0	"	200.00		121	50-150			
105	2,3,3',4,4'-Pentachlorobiphenyl	236	20.0	"	200.00		118	50-150			
114	2,3,4,4',5-Pentachlorobiphenyl	237	20.0	"	200.00		118	50-150			
118	2,3',4,4',5-Pentachlorobiphenyl	247	20.0	"	200.00		124	50-150			
123	2,3',4,4',5'-Pentachlorobiphenyl	210	20.0	"	200.00		105	50-150			
126	3,3',4,4',5-Pentachlorobiphenyl	239	20.0	"	200.00		120	50-150			
155	2,2',4,4',6,6'-Hexachlorobiphenyl	254	20.0	"	200.00		127	50-150			
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	427	20.0	"	400.00		107	50-150			
167	2,3',4,4',5,5'-Hexachlorobiphenyl	215	20.0	"	200.00		107	50-150			
169	3,3',4,4',5,5'-Hexachlorobiphenyl	202	20.0	"	200.00		101	50-150			
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	263	20.0	"	200.00		131	50-150			EMPC
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	206	20.0	"	200.00		103	50-150			
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	237	20.0	"	200.00		118	50-150			
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	224	20.0	"	200.00		112	50-150			
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	246	20.0	"	200.00		123	50-150			
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	245	20.0	"	200.00		123	50-150			
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	279	20.0	"	200.00		139	50-150			
1L	Surrogate:13C12-2-Monochlorobiphenyl	30.2		ng/mL	100.00		30	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	35.2		"	100.00		35	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	31.9		"	100.00		32	25-150			
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	37.8		"	100.00		38	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	36.2		"	100.00		36	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	38.3		"	100.00		38	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	27.0		"	100.00		27	25-150			
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	42.7		"	100.00		43	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	40.4		"	100.00		40	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	20.1		"	100.00		20	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	36.5		"	100.00		36	25-150			
114L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	32.7		"	100.00		33	25-150			
118L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	35.9		"	100.00		36	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	37.1		"	100.00		37	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	36.9		"	100.00		37	25-150			
155L	Surrogate:13C12-2,2',4,4',6-Hexachlorobiphenyl	31.0		"	100.00		31	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	66.0		"	200.00		33	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	31.2		"	100.00		31	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	41.7		"	100.00		42	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	20.4		"	100.00		20	25-150			A



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Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## LCS (BG92803-BS1)

Prepared: 07/28/09 16:37 Analyzed: 08/26/09 00:46

189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	36.8		ng/mL	100.00		37	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	30.2		"	100.00		30	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	35.0		"	100.00		35	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	33.5		"	100.00		34	25-150			
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl	29.2		"	100.00		29	25-150			
209L	Surrogate:13C12-Decachlorobiphenyl	19.3		"	100.00		19	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	864		pg/L	2000.0		43	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	837		"	2000.0		42	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	477		"	2000.0		24	30-135			A

## Matrix Spike (BG92803-MS1)

Source: 0907018-07

Prepared: 07/28/09 16:37 Analyzed: 08/27/09 20:13

1	2-Monochlorobiphenyl	1230	18.9	pg/L	943.40	0.00	131	50-150			
3	4-Monochlorobiphenyl	1210	18.9	"	943.40	0.00	128	50-150			
4	2,2'-Dichlorobiphenyl	1540	18.9	"	943.40	0.00	163	50-150			A
15	4,4'-Dichlorobiphenyl	1050	18.9	"	943.40	0.00	112	50-150			
19	2,2',6-Trichlorobiphenyl	1030	18.9	"	943.40	31.2	106	50-150			
37	3,4,4'-Trichlorobiphenyl	875	18.9	"	943.40	12.5	91	50-150			
54	2,2',6,6'-Tetrachlorobiphenyl	1190	18.9	"	943.40	0.00	126	50-150			
77	3,3',4,4'-Tetrachlorobiphenyl	1070	18.9	"	943.40	0.00	113	50-150			
81	3,4,4',5-Tetrachlorobiphenyl	1050	18.9	"	943.40	0.00	111	50-150			
104	2,2',4,6,6'-Pentachlorobiphenyl	2040	18.9	"	943.40	0.00	216	50-150			A
105	2,3,3',4,4'-Pentachlorobiphenyl	1270	18.9	"	943.40	21.8	132	50-150			
114	2,3,4,4',5-Pentachlorobiphenyl	1280	18.9	"	943.40	0.00	136	50-150			
118	2,3',4,4',5-Pentachlorobiphenyl	1300	18.9	"	943.40	52.9	132	50-150			
123	2,3',4,4',5'-Pentachlorobiphenyl	1140	18.9	"	943.40	0.00	121	50-150			
126	3,3',4,4',5-Pentachlorobiphenyl	1260	18.9	"	943.40	0.00	134	50-150			
155	2,2',4,4',6,6'-Hexachlorobiphenyl	1340	18.9	"	943.40	0.00	142	50-150			
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	2300	18.9	"	1886.8	0.00	122	50-150			
167	2,3',4,4',5,5'-Hexachlorobiphenyl	1190	18.9	"	943.40	0.00	126	50-150			
169	3,3',4,4',5,5'-Hexachlorobiphenyl	1040	18.9	"	943.40	0.00	110	50-150			
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	1420	18.9	"	943.40	0.00	151	50-150			A
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	992	18.9	"	943.40	0.00	105	50-150			
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	1220	18.9	"	943.40	0.00	130	50-150			
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	1060	18.9	"	943.40	0.00	112	50-150			
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	1190	18.9	"	943.40	0.00	126	50-150			



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

Matrix Spike (BG92803-MS1)		Source: 0907018-07			Prepared: 07/28/09 16:37		Analyzed: 08/27/09 20:13				
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	1180	18.9	pg/L	943.40	0.00	125	50-150			
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	1330	18.9	"	943.40	0.00	141	50-150			EMPC
1L	Surrogate:13C12-2-Monochlorobiphenyl	20.3		ng/mL	100.00		20	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	24.5		"	100.00		24	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	11.8		"	100.00		12	25-150			A
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	29.6		"	100.00		30	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	26.6		"	100.00		27	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	42.0		"	100.00		42	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	12.7		"	100.00		13	25-150			A
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	27.2		"	100.00		27	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	26.2		"	100.00		26	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	8.31		"	100.00		8	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	24.3		"	100.00		24	25-150			A
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	22.5		"	100.00		23	25-150			A
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	24.4		"	100.00		24	25-150			A
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	25.0		"	100.00		25	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	26.1		"	100.00		26	25-150			
155L	Surrogate:13C12-2,2',4,4',6'-Hexachlorobiphenyl	15.7		"	100.00		16	25-150			A
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	103		"	200.00		51	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	48.5		"	100.00		48	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	69.7		"	100.00		70	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	2.38		"	100.00		2	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	22.9		"	100.00		23	25-150			A
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	6.33		"	100.00		6	25-150			A
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	22.4		"	100.00		22	25-150			A
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	20.0		"	100.00		20	25-150			A
208L	Surrogate:13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	14.9		"	100.00		15	25-150			A
209L	Surrogate:13C12-Decachlorobiphenyl	10.0		"	100.00		10	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	900		pg/L	1886.8		48	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	571		"	1886.8		30	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	179		"	1886.8		9	30-135			A



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

Matrix Spike Dup (BG92803-MSD1)		Source: 0907018-07			Prepared: 07/28/09 16:37		Analyzed: 08/27/09 21:16				
1	2-Monochlorobiphenyl	1160	18.9	pg/L	943.40	0.00	123	50-150	6	25	
3	4-Monochlorobiphenyl	1190	18.9	"	943.40	0.00	126	50-150	2	25	
4	2,2'-Dichlorobiphenyl	1680	18.9	"	943.40	0.00	178	50-150	9	25	A
15	4,4'-Dichlorobiphenyl	982	18.9	"	943.40	0.00	104	50-150	7	25	
19	2,2',6-Trichlorobiphenyl	1020	18.9	"	943.40	31.2	104	50-150	2	25	
37	3,4,4'-Trichlorobiphenyl	832	18.9	"	943.40	12.5	87	50-150	5	25	
54	2,2',6,6'-Tetrachlorobiphenyl	1160	18.9	"	943.40	0.00	123	50-150	3	25	
77	3,3',4,4'-Tetrachlorobiphenyl	1100	18.9	"	943.40	0.00	117	50-150	3	25	
81	3,4,4',5-Tetrachlorobiphenyl	1050	18.9	"	943.40	0.00	112	50-150	0.2	25	
104	2,2',4,6,6'-Pentachlorobiphenyl	1880	18.9	"	943.40	0.00	199	50-150	8	25	A
105	2,3,3',4,4'-Pentachlorobiphenyl	1210	18.9	"	943.40	21.8	126	50-150	5	25	
114	2,3,4,4',5-Pentachlorobiphenyl	1220	18.9	"	943.40	0.00	130	50-150	5	25	
118	2,3',4,4',5-Pentachlorobiphenyl	1230	18.9	"	943.40	52.9	125	50-150	5	25	
123	2,3',4,4',5'-Pentachlorobiphenyl	1110	18.9	"	943.40	0.00	118	50-150	2	25	
126	3,3',4,4',5-Pentachlorobiphenyl	1190	18.9	"	943.40	0.00	126	50-150	6	25	
155	2,2',4,4',6,6'-Hexachlorobiphenyl	1370	18.9	"	943.40	0.00	145	50-150	2	25	
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	2260	18.9	"	1886.8	0.00	120	50-150	1	25	
167	2,3',4,4',5,5'-Hexachlorobiphenyl	1110	18.9	"	943.40	0.00	118	50-150	6	25	
169	3,3',4,4',5,5'-Hexachlorobiphenyl	996	18.9	"	943.40	0.00	106	50-150	4	25	
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	1530	18.9	"	943.40	0.00	162	50-150	7	25	A, EMPC
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	992	18.9	"	943.40	0.00	105	50-150	0	25	
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	1210	18.9	"	943.40	0.00	128	50-150	0.9	25	
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	1050	18.9	"	943.40	0.00	111	50-150	1	25	
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	1190	18.9	"	943.40	0.00	127	50-150	0.1	25	
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	1170	18.9	"	943.40	0.00	124	50-150	1	25	
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	1170	18.9	"	943.40	0.00	124	50-150	13	25	
1L	Surrogate:13C12-2-Monochlorobiphenyl	26.9		ng/mL	100.00		27	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	31.1		"	100.00		31	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	15.3		"	100.00		15	25-150			A
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	35.9		"	100.00		36	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	31.8		"	100.00		32	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	56.3		"	100.00		56	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	16.2		"	100.00		16	25-150			A
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	34.5		"	100.00		35	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	32.2		"	100.00		32	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	11.8		"	100.00		12	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	33.8		"	100.00		34	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	30.1		"	100.00		30	25-150			



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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92803 - EPA 3520C PCB Congeners

## Matrix Spike Dup (BG92803-MSD1)

Source: 0907018-07

Prepared: 07/28/09 16:37

Analyzed: 08/27/09 21:16

118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	31.9		ng/mL	100.00		32	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	33.3		"	100.00		33	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	39.8		"	100.00		40	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	20.0		"	100.00		20	25-150			A
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	147		"	200.00		74	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	69.4		"	100.00		69	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	101		"	100.00		101	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	3.79		"	100.00		4	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	34.3		"	100.00		34	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	9.27		"	100.00		9	25-150			A
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	31.1		"	100.00		31	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	26.1		"	100.00		26	25-150			
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl	19.5		"	100.00		19	25-150			A
209L	Surrogate:13C12-Decachlorobiphenyl	14.0		"	100.00		14	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	1120		pg/L	1886.8		59	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	657		"	1886.8		35	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	317		"	1886.8		17	30-135			A

## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42

Analyzed: 08/25/09 16:00

1	2-Monochlorobiphenyl	U	10.0	pg/g wet							
2	3-Monochlorobiphenyl	U	10.0	"							
3	4-Monochlorobiphenyl	U	10.0	"							
4	2,2'-Dichlorobiphenyl	7.80	10.0	"							J
5	2,3-Dichlorobiphenyl	U	10.0	"							
6	2,3'-Dichlorobiphenyl	U	10.0	"							
7	2,4-Dichlorobiphenyl	U	10.0	"							
8	2,4'-Dichlorobiphenyl	U	10.0	"							
9	2,5-Dichlorobiphenyl	U	10.0	"							
10	2,6-Dichlorobiphenyl	U	10.0	"							
11	3,3'-Dichlorobiphenyl	16.2	10.0	"							EMPC
12/13	3,4-DiCB/3,4'-DiCB	U	10.0	"							
14	3,5-Dichlorobiphenyl	U	10.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 16:00

15	4,4'-Dichlorobiphenyl	U	10.0	pg/g wet							
16/24	2,2',3'-TrCB/2,3,6-TrCB	U	10.0	"							
17	2,2',4'-Trichlorobiphenyl	U	10.0	"							
18/30	2,2',5'-TrCB/2,4,6-TrCB	U	10.0	"							
19	2,2',6'-Trichlorobiphenyl	10.0	10.0	"							
20/28	2,3,3'-TrCB/2,4,4'-TrCB	12.5	10.0	"							
21/33	2,3,4'-TrCB/2,3',4'-TrCB	12.5	10.0	"							
22	2,3,4'-Trichlorobiphenyl	U	10.0	"							
23	2,3,5'-Trichlorobiphenyl	U	10.0	"							
25	2,3',4'-Trichlorobiphenyl	U	10.0	"							
26/29	2,3',5'-TrCB/2,4,5-TrCB	4.30	10.0	"							J
27	2,3',6'-Trichlorobiphenyl	U	10.0	"							
31	2,4',5'-Trichlorobiphenyl	8.40	10.0	"							EMPC, J
32	2,4',6'-Trichlorobiphenyl	16.3	10.0	"							
34	2,3',5'-Trichlorobiphenyl	U	10.0	"							
35	3,3',4'-Trichlorobiphenyl	U	10.0	"							
36	3,3',5'-Trichlorobiphenyl	U	10.0	"							
37	3,4,4'-Trichlorobiphenyl	U	10.0	"							
38	3,4,5'-Trichlorobiphenyl	U	10.0	"							
39	3,4',5'-Trichlorobiphenyl	U	10.0	"							
40/41/71	2,2',3,3'-TeCB/2,2',3,4'-TeCB/2,3',4',6'-TeCB	6.10	10.0	"							J
42	2,2',3,4'-Tetrachlorobiphenyl	U	10.0	"							
43/73	2,2',3,5'-TeCB/2,3',5',6'-TeCB	U	10.0	"							
44/47/65	2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6'-TeCB	16.2	10.0	"							
45/51	2,2',3,6'-TeCB/2,2',4,6'-TeCB	5.30	10.0	"							J
46	2,2',3,6'-Tetrachlorobiphenyl	U	10.0	"							
48	2,2',4,5'-Tetrachlorobiphenyl	U	10.0	"							
49/69	2,2',4,5'-TeCB/2,3',4,6'-TeCB	10.7	10.0	"							
50/53	2,2',4,6'-TeCB/2,2',5,6'-TeCB	5.10	10.0	"							J
52	2,2',5,5'-Tetrachlorobiphenyl	12.5	10.0	"							
54	2,2',6,6'-Tetrachlorobiphenyl	U	10.0	"							
55	2,3,3',4'-Tetrachlorobiphenyl	U	10.0	"							
56	2,3,3',4'-Tetrachlorobiphenyl	6.60	10.0	"							J
57	2,3,3',5'-Tetrachlorobiphenyl	U	10.0	"							
58	2,3,3',5'-Tetrachlorobiphenyl	U	10.0	"							
59/62/75	2,3,3',6'-TeCB/2,3,4,6'-TeCB/2,4,4',6'-TeCB	U	10.0	"							
60	2,3,4,4'-Tetrachlorobiphenyl	U	10.0	"							
61/70/74/76	TeCB-61/70/74/76	17.9	10.0	"							





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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 16:00

63	2,3,4',5'-Tetrachlorobiphenyl	U	10.0	pg/g wet							
64	2,3,4',6'-Tetrachlorobiphenyl	6.10	10.0	"							J
66	2,3',4,4'-Tetrachlorobiphenyl	9.70	10.0	"							J
67	2,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
68	2,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
72	2,3',5,5'-Tetrachlorobiphenyl	U	10.0	"							
77	3,3',4,4'-Tetrachlorobiphenyl	2.60	10.0	"							J
78	3,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
79	3,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
80	3,3',5,5'-Tetrachlorobiphenyl	U	10.0	"							
81	3,4,4',5'-Tetrachlorobiphenyl	U	10.0	"							
82	2,2',3,3',4-Pentachlorobiphenyl	U	10.0	"							
83/99/112	2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB	U	10.0	"							
84	2,2',3,3',6-Pentachlorobiphenyl	U	10.0	"							
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U	10.0	"							
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	8.20	10.0	"							J
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U	10.0	"							
89	2,2',3,4,6'-Pentachlorobiphenyl	U	10.0	"							
90/101/113	2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB	7.70	10.0	"							J
92	2,2',3,5,5'-Pentachlorobiphenyl	U	10.0	"							
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U	10.0	"							
94	2,2',3,5,6'-Pentachlorobiphenyl	U	10.0	"							
95	2,2',3,5',6-Pentachlorobiphenyl	5.60	10.0	"							J
96	2,2',3,6,6'-Pentachlorobiphenyl	U	10.0	"							
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U	10.0	"							
103	2,2',4,5',6-Pentachlorobiphenyl	U	10.0	"							
104	2,2',4,6,6'-Pentachlorobiphenyl	U	10.0	"							
105	2,3,3',4,4'-Pentachlorobiphenyl	7.30	10.0	"							J
106	2,3,3',4,5-Pentachlorobiphenyl	U	10.0	"							
107	2,3,3',4',5-Pentachlorobiphenyl	U	10.0	"							
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U	10.0	"							
110/115	2,3,3',4',6-PeCB/2,3,4,4',6-PeCB	13.5	10.0	"							
111	2,3,3',5,5'-Pentachlorobiphenyl	U	10.0	"							
114	2,3,4,4',5-Pentachlorobiphenyl	U	10.0	"							
118	2,3',4,4',5-Pentachlorobiphenyl	12.2	10.0	"							
120	2,3',4,5,5'-Pentachlorobiphenyl	U	10.0	"							
121	2,3',4,5',6-Pentachlorobiphenyl	U	10.0	"							
122	2,3,3',4',5'-Pentachlorobiphenyl	U	10.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

#### Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 16:00

123	2,3',4,4',5'-Pentachlorobiphenyl	U	10.0	pg/g wet							
126	3,3',4,4',5'-Pentachlorobiphenyl	U	10.0	"							
127	3,3',4,5,5'-Pentachlorobiphenyl	U	10.0	"							
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U	10.0	"							
129/138/163	HxCB-129/138/163	16.7	10.0	"							
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U	10.0	"							
131	2,2',3,3',4,6-Hexachlorobiphenyl	U	10.0	"							
132	2,2',3,3',4,6'-Hexachlorobiphenyl	5.40	10.0	"							J
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U	10.0	"							
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U	10.0	"							
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	U	10.0	"							
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U	10.0	"							
137	2,2',3,4,4',5-Hexachlorobiphenyl	U	10.0	"							
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U	10.0	"							
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U	10.0	"							
142	2,2',3,4,5,6-Hexachlorobiphenyl	U	10.0	"							
144	2,2',3,4,5',6-Hexachlorobiphenyl	U	10.0	"							
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U	10.0	"							
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	8.50	10.0	"							J
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U	10.0	"							
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U	10.0	"							
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U	10.0	"							
153/168	2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB	16.3	10.0	"							
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U	10.0	"							
155	2,2',4,4',6,6'-Hexachlorobiphenyl	U	10.0	"							
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	3.90	10.0	"							EMPC, J
158	2,3,3',4,4',6-Hexachlorobiphenyl	U	10.0	"							
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U	10.0	"							
160	2,3,3',4,5,6-Hexachlorobiphenyl	U	10.0	"							
161	2,3,3',4,5',6-Hexachlorobiphenyl	U	10.0	"							
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U	10.0	"							
164	2,3,3',4',5',6-Hexachlorobiphenyl	U	10.0	"							
165	2,3,3',5,5',6-Hexachlorobiphenyl	U	10.0	"							
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	6.90	10.0	"							J
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U	10.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

#### Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 16:00

172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U	10.0	pg/g wet							
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	5.50	10.0	"							J
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U	10.0	"							
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U	10.0	"							
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	2.70	10.0	"							EMPC, J
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U	10.0	"							
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U	10.0	"							
180/193	2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB	14.6	10.0	"							
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U	10.0	"							
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U	10.0	"							
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	6.30	10.0	"							EMPC, J
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U	10.0	"							
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U	10.0	"							
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	3.70	10.0	"							EMPC, J
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U	10.0	"							
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U	10.0	"							
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U	10.0	"							
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U	10.0	"							
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U	10.0	"							
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	2.20	10.0	"							J
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	U	10.0	"							
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	U	10.0	"							
197/200	2,2',3,3',4,4',6,6'-OxCB/2,2',3,3',4,5,6,6'-OxCB	U	10.0	"							
198/199	2,2',3,3',4,5,5',6-OxCB/2,2',3,3',4,5,5',6'-OxCB	2.70	10.0	"							EMPC, J
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U	10.0	"							
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U	10.0	"							
203	2,2',3,4,4',5,5',6-Octachlorobiphenyl	U	10.0	"							
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U	10.0	"							
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	U	10.0	"							
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	4.80	10.0	"							EMPC, J
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U	10.0	"							
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U	10.0	"							
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	5.20	10.0	"							J
1-3	Total Monochlorobiphenyl	U	10.0	"							
4-15	Total Dichlorobiphenyl	24.0	10.0	"							
16-39	Total Trichlorobiphenyl	64.0	10.0	"							
40-81	Total Tetrachlorobiphenyl	98.8	10.0	"							
82-127	Total Pentachlorobiphenyl	54.5	10.0	"							



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK1)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 16:00

128-169	Total Hexachlorobiphenyl	50.8	10.0	pg/g wet							
170-193	Total Heptachlorobiphenyl	39.7	10.0	"							
194-205	Total Octachlorobiphenyl	4.90	10.0	"							J
206-208	Total Nonachlorobiphenyl	4.80	10.0	"							J
209	Decachlorobiphenyl	5.20	10.0	"							J
1L	Surrogate:13C12-2-Monochlorobiphenyl	23.7		ng/mL	100.00		24	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	25.8		"	100.00		26	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	28.0		"	100.00		28	25-150			
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	27.8		"	100.00		28	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	30.4		"	100.00		30	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	25.6		"	100.00		26	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	24.1		"	100.00		24	25-150			A
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	31.6		"	100.00		32	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	30.2		"	100.00		30	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	21.6		"	100.00		22	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	33.8		"	100.00		34	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	29.5		"	100.00		29	25-150			
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	31.6		"	100.00		32	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	32.8		"	100.00		33	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	33.9		"	100.00		34	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	27.1		"	100.00		27	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	45.7		"	200.00		23	25-150			A
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	22.3		"	100.00		22	25-150			A
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	27.5		"	100.00		28	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	27.4		"	100.00		27	25-150			
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	27.8		"	100.00		28	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	34.3		"	100.00		34	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	29.7		"	100.00		30	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	31.2		"	100.00		31	25-150			
208L	Surrogate:13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	29.7		"	100.00		30	25-150			
209L	Surrogate:13C12-Decachlorobiphenyl	22.0		"	100.00		22	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	29.8		"	100.00		30	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	37.6		"	100.00		38	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	30.2		"	100.00		30	30-135			



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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 17:04

1	2-Monochlorobiphenyl	U	10.0	pg/g wet							
2	3-Monochlorobiphenyl	U	10.0	"							
3	4-Monochlorobiphenyl	U	10.0	"							
4	2,2'-Dichlorobiphenyl	4.60	10.0	"							J
5	2,3-Dichlorobiphenyl	U	10.0	"							
6	2,3'-Dichlorobiphenyl	U	10.0	"							
7	2,4-Dichlorobiphenyl	14.6	10.0	"							
8	2,4'-Dichlorobiphenyl	U	10.0	"							
9	2,5-Dichlorobiphenyl	U	10.0	"							
10	2,6-Dichlorobiphenyl	U	10.0	"							
11	3,3'-Dichlorobiphenyl	U	10.0	"							
12/13	3,4-DiCB/3,4'-DiCB	U	10.0	"							
14	3,5-Dichlorobiphenyl	U	10.0	"							
15	4,4'-Dichlorobiphenyl	U	10.0	"							
16/24	2,2',3'-TrCB/2,3,6-TrCB	U	10.0	"							
17	2,2',4'-Trichlorobiphenyl	U	10.0	"							
18/30	2,2',5'-TrCB/2,4,6-TrCB	U	10.0	"							
19	2,2',6-Trichlorobiphenyl	6.30	10.0	"							EMPC, J
20/28	2,3,3'-TrCB/2,4,4'-TrCB	8.60	10.0	"							J
21/33	2,3,4-TrCB/2,3',4'-TrCB	U	10.0	"							
22	2,3,4'-Trichlorobiphenyl	U	10.0	"							
23	2,3,5-Trichlorobiphenyl	U	10.0	"							
25	2,3',4-Trichlorobiphenyl	U	10.0	"							
26/29	2,3',5'-TrCB/2,4,5-TrCB	U	10.0	"							
27	2,3',6-Trichlorobiphenyl	U	10.0	"							
31	2,4',5-Trichlorobiphenyl	6.00	10.0	"							J
32	2,4',6-Trichlorobiphenyl	9.20	10.0	"							EMPC, J
34	2,3',5'-Trichlorobiphenyl	U	10.0	"							
35	3,3',4-Trichlorobiphenyl	U	10.0	"							
36	3,3',5-Trichlorobiphenyl	U	10.0	"							
37	3,4,4'-Trichlorobiphenyl	U	10.0	"							
38	3,4,5-Trichlorobiphenyl	U	10.0	"							
39	3,4',5-Trichlorobiphenyl	U	10.0	"							
40/41/71	2,2',3,3'-TeCB/2,2',3,4'-TeCB/2,3',4',6-TeCB	U	10.0	"							
42	2,2',3,4'-Tetrachlorobiphenyl	U	10.0	"							
43/73	2,2',3,5'-TeCB/2,3',5',6-TeCB	U	10.0	"							
44/47/65	2,2',3,5'-TeCB/2,2',4,4'-TeCB/2,3,5,6-TeCB	14.9	10.0	"							
45/51	2,2',3,6-TeCB/2,2',4,6'-TeCB	U	10.0	"							



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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

#### Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 17:04

46	2,2',3,6'-Tetrachlorobiphenyl	U	10.0	pg/g wet							
48	2,2',4,5'-Tetrachlorobiphenyl	U	10.0	"							
49/69	2,2',4,5'-TeCB/2,3',4,6-TeCB	6.70	10.0	"							J
50/53	2,2',4,6-TeCB/2,2',5,6'-TeCB	U	10.0	"							
52	2,2',5,5'-Tetrachlorobiphenyl	9.60	10.0	"							J
54	2,2',6,6'-Tetrachlorobiphenyl	U	10.0	"							
55	2,3,3',4'-Tetrachlorobiphenyl	U	10.0	"							
56	2,3,3',4'-Tetrachlorobiphenyl	5.20	10.0	"							EMPC, J
57	2,3,3',5'-Tetrachlorobiphenyl	U	10.0	"							
58	2,3,3',5'-Tetrachlorobiphenyl	U	10.0	"							
59/62/75	2,3,3',6-TeCB/2,3,4,6-TeCB/2,4,4',6-TeCB	U	10.0	"							
60	2,3,4,4'-Tetrachlorobiphenyl	2.80	10.0	"							J
61/70/74/76	TeCB-61/70/74/76	16.6	10.0	"							
63	2,3,4',5'-Tetrachlorobiphenyl	U	10.0	"							
64	2,3,4',6'-Tetrachlorobiphenyl	U	10.0	"							
66	2,3',4,4'-Tetrachlorobiphenyl	8.80	10.0	"							J
67	2,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
68	2,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
72	2,3',5,5'-Tetrachlorobiphenyl	U	10.0	"							
77	3,3',4,4'-Tetrachlorobiphenyl	U	10.0	"							
78	3,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
79	3,3',4,5'-Tetrachlorobiphenyl	U	10.0	"							
80	3,3',5,5'-Tetrachlorobiphenyl	U	10.0	"							
81	3,4,4',5'-Tetrachlorobiphenyl	U	10.0	"							
82	2,2',3,3',4-Pentachlorobiphenyl	U	10.0	"							
83/99/112	2,2',3,3',5-PeCB/2,2',4,4',5-PeCB/2,3,3',5,6-PeCB	6.20	10.0	"							J
84	2,2',3,3',6-Pentachlorobiphenyl	U	10.0	"							
85/116/117	2,2',3,4,4'-PeCB/2,3,4,5,6-PeCB/2,3,4',5,6-PeCB	U	10.0	"							
86/87/97/109/119/125	PeCB-86/87/97/109/119/125	11.8	10.0	"							
88/91	2,2',3,4,6-PeCB/2,2',3,4',6-PeCB	U	10.0	"							
89	2,2',3,4,6'-Pentachlorobiphenyl	U	10.0	"							
90/101/113	2,2',3,4',5-PeCB/2,2',4,5,5'-PeCB/2,3,3',5',6-PeCB	17.1	10.0	"							
92	2,2',3,5,5'-Pentachlorobiphenyl	U	10.0	"							
93/100	2,2',3,5,6-PeCB/2,2',4,4',6-PeCB	U	10.0	"							
94	2,2',3,5,6'-Pentachlorobiphenyl	U	10.0	"							
95	2,2',3,5',6-Pentachlorobiphenyl	9.20	10.0	"							EMPC, J
96	2,2',3,6,6'-Pentachlorobiphenyl	U	10.0	"							
98/102	2,2',3,4',6'-PeCB/2,2',4,5,6'-PeCB	U	10.0	"							



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 17:04

103	2,2',4,5',6-Pentachlorobiphenyl	U	10.0	pg/g wet							
104	2,2',4,6,6'-Pentachlorobiphenyl	U	10.0	"							
105	2,3,3',4,4'-Pentachlorobiphenyl	7.80	10.0	"							J
106	2,3,3',4,5-Pentachlorobiphenyl	U	10.0	"							
107	2,3,3',4',5-Pentachlorobiphenyl	U	10.0	"							
108/124	2,3,3',4,5'-PeCB/2,3',4',5,5'-PeCB	U	10.0	"							
110/115	2,3,3',4',6-PeCB/2,3,4,4',6-PeCB	21.3	10.0	"							
111	2,3,3',5,5'-Pentachlorobiphenyl	U	10.0	"							
114	2,3,4,4',5-Pentachlorobiphenyl	U	10.0	"							
118	2,3',4,4',5-Pentachlorobiphenyl	17.5	10.0	"							
120	2,3',4,5,5'-Pentachlorobiphenyl	U	10.0	"							
121	2,3',4,5',6-Pentachlorobiphenyl	U	10.0	"							
122	2,3,3',4',5'-Pentachlorobiphenyl	U	10.0	"							
123	2,3',4,4',5'-Pentachlorobiphenyl	U	10.0	"							
126	3,3',4,4',5-Pentachlorobiphenyl	U	10.0	"							
127	3,3',4,5,5'-Pentachlorobiphenyl	U	10.0	"							
128/166	2,2',3,3',4,4'-HxCB/2,3,4,4',5,6-HxCB	U	10.0	"							
129/138/163	HxCB-129/138/163	18.6	10.0	"							
130	2,2',3,3',4,5'-Hexachlorobiphenyl	U	10.0	"							
131	2,2',3,3',4,6-Hexachlorobiphenyl	U	10.0	"							
132	2,2',3,3',4,6'-Hexachlorobiphenyl	5.80	10.0	"							J
133	2,2',3,3',5,5'-Hexachlorobiphenyl	U	10.0	"							
134/143	2,2',3,3',5,6-HxCB/2,2',3,4,5,6'-HxCB	U	10.0	"							
135/151	2,2',3,3',5,6'-HxCB/2,2',3,5,5',6-HxCB	5.90	10.0	"							J
136	2,2',3,3',6,6'-Hexachlorobiphenyl	U	10.0	"							
137	2,2',3,4,4',5-Hexachlorobiphenyl	U	10.0	"							
139/140	2,2',3,4,4',6-HxCB/2,2',3,4,4',6'-HxCB	U	10.0	"							
141	2,2',3,4,5,5'-Hexachlorobiphenyl	U	10.0	"							
142	2,2',3,4,5,6-Hexachlorobiphenyl	U	10.0	"							
144	2,2',3,4,5',6-Hexachlorobiphenyl	U	10.0	"							
145	2,2',3,4,6,6'-Hexachlorobiphenyl	U	10.0	"							
146	2,2',3,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
147/149	2,2',3,4',5,6-HxCB/2,2',3,4',5',6-HxCB	12.5	10.0	"							
148	2,2',3,4',5,6'-Hexachlorobiphenyl	U	10.0	"							
150	2,2',3,4',6,6'-Hexachlorobiphenyl	U	10.0	"							
152	2,2',3,5,6,6'-Hexachlorobiphenyl	U	10.0	"							
153/168	2,2',4,4',5,5'-HxCB/2,3',4,4',5',6-HxCB	17.4	10.0	"							
154	2,2',4,4',5,6'-Hexachlorobiphenyl	U	10.0	"							





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Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

#### Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 17:04

155	2,2',4,4',6,6'-Hexachlorobiphenyl	U	10.0	pg/g wet							
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	3.80	10.0	"							J
158	2,3,3',4,4',6-Hexachlorobiphenyl	U	10.0	"							
159	2,3,3',4,5,5'-Hexachlorobiphenyl	U	10.0	"							
160	2,3,3',4,5,6-Hexachlorobiphenyl	U	10.0	"							
161	2,3,3',4,5',6-Hexachlorobiphenyl	U	10.0	"							
162	2,3,3',4',5,5'-Hexachlorobiphenyl	U	10.0	"							
164	2,3,3',4',5',6-Hexachlorobiphenyl	U	10.0	"							
165	2,3,3',5,5',6-Hexachlorobiphenyl	U	10.0	"							
167	2,3',4,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
169	3,3',4,4',5,5'-Hexachlorobiphenyl	U	10.0	"							
170	2,2',3,3',4,4',5-Heptachlorobiphenyl	7.50	10.0	"							EMPC, J
171/173	2,2',3,3',4,4',6-HpCB/2,2',3,3',4,5,6-HpCB	U	10.0	"							
172	2,2',3,3',4,5,5'-Heptachlorobiphenyl	U	10.0	"							
174	2,2',3,3',4,5,6'-Heptachlorobiphenyl	5.90	10.0	"							J
175	2,2',3,3',4,5',6-Heptachlorobiphenyl	U	10.0	"							
176	2,2',3,3',4,6,6'-Heptachlorobiphenyl	U	10.0	"							
177	2,2',3,3',4,5',6'-Heptachlorobiphenyl	U	10.0	"							
178	2,2',3,3',5,5',6-Heptachlorobiphenyl	U	10.0	"							
179	2,2',3,3',5,6,6'-Heptachlorobiphenyl	U	10.0	"							
180/193	2,2',3,4,4',5,5'-HpCB/2,3,3',4',5,5',6-HpCB	14.8	10.0	"							
181	2,2',3,4,4',5,6-Heptachlorobiphenyl	U	10.0	"							
182	2,2',3,4,4',5,6'-Heptachlorobiphenyl	U	10.0	"							
183/185	2,2',3,4,4',5',6-HpCB/2,2',3,4,5,5',6-HpCB	3.00	10.0	"							EMPC, J
184	2,2',3,4,4',6,6'-Heptachlorobiphenyl	U	10.0	"							
186	2,2',3,4,5,6,6'-Heptachlorobiphenyl	U	10.0	"							
187	2,2',3,4',5,5',6-Heptachlorobiphenyl	3.50	10.0	"							J
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	U	10.0	"							
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	U	10.0	"							
190	2,3,3',4,4',5,6-Heptachlorobiphenyl	U	10.0	"							
191	2,3,3',4,4',5',6-Heptachlorobiphenyl	U	10.0	"							
192	2,3,3',4,5,5',6-Heptachlorobiphenyl	U	10.0	"							
194	2,2',3,3',4,4',5,5'-Octachlorobiphenyl	4.30	10.0	"							J
195	2,2',3,3',4,4',5,6-Octachlorobiphenyl	1.80	10.0	"							J
196	2,2',3,3',4,4',5,6'-Octachlorobiphenyl	1.70	10.0	"							J
197/200	2,2',3,3',4,4',6,6'-OcCB/2,2',3,3',4,5,6,6'-OcCB	U	10.0	"							
198/199	2,2',3,3',4,5,5',6-OcCB/2,2',3,3',4,5,5',6'-OcCB	3.60	10.0	"							J
201	2,2',3,3',4,5',6,6'-Octachlorobiphenyl	U	10.0	"							



# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

#### Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42 Analyzed: 08/25/09 17:04

202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	U	10.0	pg/g wet							
203	2,2',3,4,4',5,5',6'-Octachlorobiphenyl	3.20	10.0	"							J
204	2,2',3,4,4',5,6,6'-Octachlorobiphenyl	U	10.0	"							
205	2,3,3',4,4',5,5',6'-Octachlorobiphenyl	U	10.0	"							
206	2,2',3,3',4,4',5,5',6'-Nonachlorobiphenyl	6.60	10.0	"							J
207	2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl	U	10.0	"							
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	U	10.0	"							
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	2.90	10.0	"							J
1-3	Total Monochlorobiphenyl	U	10.0	"							
4-15	Total Dichlorobiphenyl	19.2	10.0	"							
16-39	Total Trichlorobiphenyl	30.1	10.0	"							
40-81	Total Tetrachlorobiphenyl	64.6	10.0	"							
82-127	Total Pentachlorobiphenyl	90.9	10.0	"							
128-169	Total Hexachlorobiphenyl	64.0	10.0	"							
170-193	Total Heptachlorobiphenyl	34.7	10.0	"							
194-205	Total Octachlorobiphenyl	14.6	10.0	"							
206-208	Total Nonachlorobiphenyl	6.60	10.0	"							J
209	Decachlorobiphenyl	2.90	10.0	"							J
1L	Surrogate:13C12-2-Monochlorobiphenyl	33.5		ng/mL	100.00		34	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	38.4		"	100.00		38	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	41.8		"	100.00		42	25-150			
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	46.5		"	100.00		46	25-150			
19L	Surrogate:13C12-2,2',6'-Trichlorobiphenyl	48.3		"	100.00		48	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	46.1		"	100.00		46	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	40.9		"	100.00		41	25-150			
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	55.5		"	100.00		56	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	53.7		"	100.00		54	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	35.5		"	100.00		36	25-150			
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	55.8		"	100.00		56	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	49.7		"	100.00		50	25-150			
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	53.0		"	100.00		53	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	54.1		"	100.00		54	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	53.4		"	100.00		53	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	50.3		"	100.00		50	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	82.3		"	200.00		41	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	40.6		"	100.00		41	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	49.2		"	100.00		49	25-150			



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Blank (BG92804-BLK2)

Prepared: 07/28/09 16:42

Analyzed: 08/25/09 17:04

188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	44.0		ng/mL	100.00		44	25-150			
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	50.5		"	100.00		50	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	53.9		"	100.00		54	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	51.2		"	100.00		51	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	53.2		"	100.00		53	25-150			
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl	50.7		"	100.00		51	25-150			
209L	Surrogate:13C12-Decachlorobiphenyl	37.1		"	100.00		37	25-150			
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	52.6		"	100.00		53	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	63.4		"	100.00		63	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	49.2		"	100.00		49	30-135			

## LCS (BG92804-BS1)

Prepared: 07/28/09 16:42

Analyzed: 08/26/09 01:49

1	2-Monochlorobiphenyl	116	10.0	pg/g wet	100.00		116	50-150			
3	4-Monochlorobiphenyl	115	10.0	"	100.00		115	50-150			
4	2,2'-Dichlorobiphenyl	133	10.0	"	100.00		133	50-150			
15	4,4'-Dichlorobiphenyl	133	10.0	"	100.00		133	50-150			EMPC
19	2,2',6-Trichlorobiphenyl	118	10.0	"	100.00		118	50-150			
37	3,4,4'-Trichlorobiphenyl	92.0	10.0	"	100.00		92	50-150			
54	2,2',6,6'-Tetrachlorobiphenyl	121	10.0	"	100.00		121	50-150			
77	3,3',4,4'-Tetrachlorobiphenyl	111	10.0	"	100.00		111	50-150			
81	3,4,4',5-Tetrachlorobiphenyl	108	10.0	"	100.00		108	50-150			
104	2,2',4,6,6'-Pentachlorobiphenyl	145	10.0	"	100.00		145	50-150			
105	2,3,3',4,4'-Pentachlorobiphenyl	125	10.0	"	100.00		125	50-150			
114	2,3,4,4',5-Pentachlorobiphenyl	131	10.0	"	100.00		131	50-150			
118	2,3',4,4',5-Pentachlorobiphenyl	135	10.0	"	100.00		135	50-150			
123	2,3',4,4',5'-Pentachlorobiphenyl	106	10.0	"	100.00		106	50-150			
126	3,3',4,4',5-Pentachlorobiphenyl	126	10.0	"	100.00		126	50-150			
155	2,2',4,4',6,6'-Hexachlorobiphenyl	125	10.0	"	100.00		125	50-150			
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	227	10.0	"	200.00		113	50-150			
167	2,3',4,4',5,5'-Hexachlorobiphenyl	114	10.0	"	100.00		114	50-150			
169	3,3',4,4',5,5'-Hexachlorobiphenyl	102	10.0	"	100.00		102	50-150			
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	136	10.0	"	100.00		136	50-150			
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	105	10.0	"	100.00		105	50-150			
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	120	10.0	"	100.00		120	50-150			
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	120	10.0	"	100.00		120	50-150			



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## LCS (BG92804-BS1)

Prepared: 07/28/09 16:42

Analyzed: 08/26/09 01:49

206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	128	10.0	"	100.00		128	50-150			
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	126	10.0	"	100.00		126	50-150			
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	154	10.0	"	100.00		154	50-150			A
1L	Surrogate:13C12-2-Monochlorobiphenyl	26.5		ng/mL	100.00		26	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	29.4		"	100.00		29	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	26.9		"	100.00		27	25-150			
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	31.5		"	100.00		32	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	30.9		"	100.00		31	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	31.4		"	100.00		31	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	21.7		"	100.00		22	25-150			A
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	35.7		"	100.00		36	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	34.2		"	100.00		34	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	17.2		"	100.00		17	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	31.3		"	100.00		31	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	28.5		"	100.00		28	25-150			
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	31.0		"	100.00		31	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	32.8		"	100.00		33	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	32.1		"	100.00		32	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	27.2		"	100.00		27	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	52.4		"	200.00		26	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	24.8		"	100.00		25	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	32.2		"	100.00		32	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	17.5		"	100.00		17	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	29.0		"	100.00		29	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	25.9		"	100.00		26	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	28.3		"	100.00		28	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	25.7		"	100.00		26	25-150			
208L	Surrogate:13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	24.5		"	100.00		24	25-150			A
209L	Surrogate:13C12-Decachlorobiphenyl	16.6		"	100.00		17	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	34.4		"	100.00		34	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	36.2		"	100.00		36	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	22.7		"	100.00		23	30-135			A



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

Matrix Spike (BG92804-MS1)		Source: 0907018-02			Prepared: 07/28/09 16:42		Analyzed: 08/28/09 00:40			
1	2-Monochlorobiphenyl	239	9.75	pg/g dry	194.92	5.34	120	50-150		
3	4-Monochlorobiphenyl	238	9.75	"	194.92	7.91	118	50-150		
4	2,2'-Dichlorobiphenyl	389	9.75	"	194.92	49.4	174	50-150		A
15	4,4'-Dichlorobiphenyl	277	9.75	"	194.92	108	86	50-150		
19	2,2',6-Trichlorobiphenyl	217	9.75	"	194.92	0.00	111	50-150		
37	3,4,4'-Trichlorobiphenyl	238	9.75	"	194.92	71.8	85	50-150		
54	2,2',6,6'-Tetrachlorobiphenyl	219	9.75	"	194.92	0.00	112	50-150		
77	3,3',4,4'-Tetrachlorobiphenyl	232	9.75	"	194.92	28.8	104	50-150		
81	3,4,4',5'-Tetrachlorobiphenyl	208	9.75	"	194.92	0.00	107	50-150		
104	2,2',4,6,6'-Pentachlorobiphenyl	269	9.75	"	194.92	0.00	138	50-150		
105	2,3,3',4,4'-Pentachlorobiphenyl	586	9.75	"	194.92	367	113	50-150		
114	2,3,4,4',5-Pentachlorobiphenyl	248	9.75	"	194.92	0.00	127	50-150		
118	2,3',4,4',5-Pentachlorobiphenyl	824	9.75	"	194.92	684	72	50-150		
123	2,3',4,4',5'-Pentachlorobiphenyl	253	9.75	"	194.92	0.00	130	50-150		
126	3,3',4,4',5-Pentachlorobiphenyl	249	9.75	"	194.92	0.00	128	50-150		
155	2,2',4,4',6,6'-Hexachlorobiphenyl	249	9.75	"	194.92	0.00	128	50-150		
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	560	9.75	"	389.85	151	105	50-150		
167	2,3',4,4',5,5'-Hexachlorobiphenyl	256	9.75	"	194.92	41.6	110	50-150		
169	3,3',4,4',5,5'-Hexachlorobiphenyl	205	9.75	"	194.92	0.00	105	50-150		
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	315	9.75	"	194.92	0.00	162	50-150		A
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	200	9.75	"	194.92	0.00	102	50-150		
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	305	9.75	"	194.92	25.6	143	50-150		
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	221	9.75	"	194.92	0.00	114	50-150		
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	315	9.75	"	194.92	53.4	134	50-150		
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	256	9.75	"	194.92	18.3	122	50-150		
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	344	9.75	"	194.92	39.2	157	50-150		EMPC, A
1L	Surrogate: 13C12-2-Monochlorobiphenyl	35.3		ng/mL	80.000		44	15-150		
3L	Surrogate: 13C12-4-Monochlorobiphenyl	44.3		"	80.000		55	15-150		
4L	Surrogate: 13C12-2,2'-Dichlorobiphenyl	22.7		"	80.000		28	25-150		
15L	Surrogate: 13C12-4,4'-Dichlorobiphenyl	55.1		"	80.000		69	25-150		
19L	Surrogate: 13C12-2,2',6-Trichlorobiphenyl	46.7		"	80.000		58	25-150		
37L	Surrogate: 13C12-3,4,4'-Trichlorobiphenyl	77.3		"	80.000		97	25-150		
54L	Surrogate: 13C12-2,2',6,6'-Tetrachlorobiphenyl	26.2		"	80.000		33	25-150		
77L	Surrogate: 13C12-3,3',4,4'-Tetrachlorobiphenyl	71.6		"	80.000		89	25-150		
81L	Surrogate: 13C12-3,4,4',5-Tetrachlorobiphenyl	65.2		"	80.000		81	25-150		
104L	Surrogate: 13C12-2,2',4,6,6'-Pentachlorobiphenyl	24.8		"	80.000		31	25-150		
105L	Surrogate: 13C12-2,3,3',4,4'-Pentachlorobiphenyl	62.0		"	80.000		77	25-150		
114L	Surrogate: 13C12-2,3,4,4',5-Pentachlorobiphenyl	55.4		"	80.000		69	25-150		



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Matrix Spike (BG92804-MS1)

Source: 0907018-02

Prepared: 07/28/09 16:42

Analyzed: 08/28/09 00:40

118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	73.5		ng/mL	80.000		92	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	59.6		"	80.000		75	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	68.7		"	80.000		86	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	39.1		"	80.000		49	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	191		"	160.00		120	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	94.1		"	80.000		118	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	105		"	80.000		132	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	8.01		"	80.000		10	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	53.0		"	80.000		66	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	22.9		"	80.000		29	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	45.8		"	80.000		57	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	38.8		"	80.000		49	25-150			
208L	Surrogate:13C12-2,2',3,3',4,4',5,5',6,6'-Nonachlorobiphenyl	39.7		"	80.000		50	25-150			
209L	Surrogate:13C12-Decachlorobiphenyl	16.9		"	80.000		21	25-150			A
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	77.6		"	80.000		97	30-135			
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	65.4		"	80.000		82	30-135			
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	20.0		"	80.000		25	30-135			A

## Matrix Spike Dup (BG92804-MSD1)

Source: 0907018-02

Prepared: 07/28/09 16:42

Analyzed: 08/28/09 01:43

1	2-Monochlorobiphenyl	224	9.13	pg/g dry	182.56	5.34	120	50-150	0.2	25	
3	4-Monochlorobiphenyl	221	9.13	"	182.56	7.91	117	50-150	1	25	
4	2,2'-Dichlorobiphenyl	322	9.13	"	182.56	49.4	149	50-150	15	25	EMPC
15	4,4'-Dichlorobiphenyl	306	9.13	"	182.56	108	108	50-150	23	25	EMPC
19	2,2',6-Trichlorobiphenyl	208	9.13	"	182.56	0.00	114	50-150	3	25	
37	3,4,4'-Trichlorobiphenyl	266	9.13	"	182.56	71.8	106	50-150	22	25	
54	2,2',6,6'-Tetrachlorobiphenyl	206	9.13	"	182.56	0.00	113	50-150	0.4	25	
77	3,3',4,4'-Tetrachlorobiphenyl	221	9.13	"	182.56	28.8	105	50-150	1	25	
81	3,4,4',5-Tetrachlorobiphenyl	209	9.13	"	182.56	0.00	115	50-150	7	25	
104	2,2',4,6,6'-Pentachlorobiphenyl	334	9.13	"	182.56	0.00	183	50-150	28	25	A
105	2,3,3',4,4'-Pentachlorobiphenyl	624	9.13	"	182.56	367	141	50-150	22	25	
114	2,3,4,4',5-Pentachlorobiphenyl	276	9.13	"	182.56	0.00	151	50-150	17	25	A
118	2,3',4,4',5-Pentachlorobiphenyl	881	9.13	"	182.56	684	108	50-150	40	25	A
123	2,3',4,4',5'-Pentachlorobiphenyl	324	9.13	"	182.56	0.00	177	50-150	31	25	A
126	3,3',4,4',5-Pentachlorobiphenyl	187	9.13	"	182.56	0.00	102	50-150	22	25	EMPC



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

QC Data  
PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch BG92804 - EPA 3540C PCB Congeners

## Matrix Spike Dup (BG92804-MSD1)

Source: 0907018-02

Prepared: 07/28/09 16:42

Analyzed: 08/28/09 01:43

155	2,2',4,4',6,6'-Hexachlorobiphenyl	248	9.13	pg/g dry	182.56	0.00	136	50-150	6	25	
156/157	2,3,3',4,4',5-HxCB/2,3,3',4,4',5'-HxCB	605	9.13	"	365.12	151	124	50-150	17	25	
167	2,3',4,4',5,5'-Hexachlorobiphenyl	257	9.13	"	182.56	41.6	118	50-150	7	25	
169	3,3',4,4',5,5'-Hexachlorobiphenyl	205	9.13	"	182.56	0.00	112	50-150	7	25	
188	2,2',3,4',5,6,6'-Heptachlorobiphenyl	401	9.13	"	182.56	0.00	220	50-150	31	25	A
189	2,3,3',4,4',5,5'-Heptachlorobiphenyl	194	9.13	"	182.56	0.00	106	50-150	4	25	
202	2,2',3,3',5,5',6,6'-Octachlorobiphenyl	310	9.13	"	182.56	25.6	156	50-150	8	25	A
205	2,3,3',4,4',5,5',6-Octachlorobiphenyl	222	9.13	"	182.56	0.00	122	50-150	7	25	
206	2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	263	9.13	"	182.56	53.4	115	50-150	15	25	
208	2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	246	9.13	"	182.56	18.3	124	50-150	2	25	
209	2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl	322	9.13	"	182.56	39.2	155	50-150	0.9	25	A, EMPC

1L	Surrogate:13C12-2-Monochlorobiphenyl	40.2		ng/mL	80.000		50	15-150			
3L	Surrogate:13C12-4-Monochlorobiphenyl	49.6		"	80.000		62	15-150			
4L	Surrogate:13C12-2,2'-Dichlorobiphenyl	24.4		"	80.000		30	25-150			
15L	Surrogate:13C12-4,4'-Dichlorobiphenyl	66.5		"	80.000		83	25-150			
19L	Surrogate:13C12-2,2',6-Trichlorobiphenyl	52.6		"	80.000		66	25-150			
37L	Surrogate:13C12-3,4,4'-Trichlorobiphenyl	69.2		"	80.000		87	25-150			
54L	Surrogate:13C12-2,2',6,6'-Tetrachlorobiphenyl	27.6		"	80.000		34	25-150			
77L	Surrogate:13C12-3,3',4,4'-Tetrachlorobiphenyl	76.0		"	80.000		95	25-150			
81L	Surrogate:13C12-3,4,4',5-Tetrachlorobiphenyl	67.7		"	80.000		85	25-150			
104L	Surrogate:13C12-2,2',4,6,6'-Pentachlorobiphenyl	19.2		"	80.000		24	25-150			A
105L	Surrogate:13C12-2,3,3',4,4'-Pentachlorobiphenyl	66.2		"	80.000		83	25-150			
114 L	Surrogate:13C12-2,3,4,4',5-Pentachlorobiphenyl	56.5		"	80.000		71	25-150			
118 L	Surrogate:13C12-2,3',4,4',5-Pentachlorobiphenyl	87.0		"	80.000		109	25-150			
123L	Surrogate:13C12-2',3,4,4',5-Pentachlorobiphenyl	54.0		"	80.000		68	25-150			
126L	Surrogate:13C12-3,3',4,4',5-Pentachlorobiphenyl	27.0		"	80.000		34	25-150			
155L	Surrogate:13C12-2,2',4,4',6,6'-Hexachlorobiphenyl	39.6		"	80.000		49	25-150			
156L/157L	Surrogate:13C12-2,3,3',4,4',5-HxCB/13C12-2,3,3',4,4',5'-HxCB	158		"	160.00		99	25-150			
167L	Surrogate:13C12-2,3',4,4',5,5'-Hexachlorobiphenyl	82.5		"	80.000		103	25-150			
169L	Surrogate:13C12-3,3',4,4',5,5'-Hexachlorobiphenyl	78.5		"	80.000		98	25-150			
188L	Surrogate:13C12-2,2',3,4',5,6,6'-Heptachlorobiphenyl	9.82		"	80.000		12	25-150			A
189L	Surrogate:13C12-2,3,3',4,4',5,5'-Heptachlorobiphenyl	57.9		"	80.000		72	25-150			
202L	Surrogate:13C12-2,2',3,3',5,5',6,6'-Octachlorobiphenyl	30.0		"	80.000		37	25-150			
205L	Surrogate:13C12-2,3,3',4,4',5,5',6-Octachlorobiphenyl	50.0		"	80.000		63	25-150			
206L	Surrogate:13C12-2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl	47.2		"	80.000		59	25-150			





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Region 3 Environmental Science Center  
Office of Analytical Services and Quality Assurance  
701 Mapes Road  
Fort Meade, Maryland 20755-5350



Site Name: Lin Electric Company

Project #: DAS R33278

## QC Data PCB Congeners

Congener Number:	Analyte	Result	Quantitation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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### Batch BG92804 - EPA 3540C PCB Congeners

Matrix Spike Dup (BG92804-MSD1)		Source: 0907018-02		Prepared: 07/28/09 16:42		Analyzed: 08/28/09 01:43	
208L	Surrogate:13C12-2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl	46.1	ng/mL	80.000	58	25-150	
209L	Surrogate:13C12-Decachlorobiphenyl	21.7	"	80.000	27	25-150	
28L	Surrogate:13C12-2,4,4'-Trichlorobiphenyl	83.3	"	80.000	104	30-135	
111 L	Surrogate:13C12-2,3,3',5,5'-Pentachlorobiphenyl	69.8	"	80.000	87	30-135	
178L	Surrogate:13C12-2,2',3,3',5,5',6-Heptachlorobiphenyl	22.2	"	80.000	28	30-135	A



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Office of Analytical Services and Quality Assurance  
701 Mapes Road  
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**Site Name: Lin Electric Company**

**Project #: DAS R33278**

## Notes and Definitions

- J The identification of the analyte is acceptable; the reported value is an estimate.
- EMPC The theoretical ion abundance ratio of the two m/z ions do not meet the 25% criteria, and the result is an Estimated Maximum Possible Concentration.
- B Not detected substantially above (10 times) the level reported in the laboratory or field blanks (including field, trip, rinsate, and equipment blanks).
- A Quality control value is outside acceptance limits.
- NR Not Reported
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier