

Date	Time of Day	Wind Direction	Wind Speed (m/s)	Temperature (°C)
12/8/1999	all day	NW	4.8	5.8
12/20/1999	all day	NE/ S	3.5	8.0
1/1/2000	all day	SW	1.8	5.2
1/13/2000	all day	N	8.1	-4.6
1/25/2000	all day	N	9.3	-3.0
2/6/2000	all day	W	6.4	-0.2
2/18/2000	all day	NE	4.9	2.4
3/1/2000	all day	NW/SE	2.7	6.5
3/13/2000	all day	variable- mostly NW	3.3	10
3/25/2000	all day	variable	3.6	14
4/6/2000	all day	N/ W,SW	5.8	16
4/18/2000	all day	NE	8.0	7.0
4/30/2000	all day	N,NW	6.7	14
5/12/2000	all day	NE/SE	4.1	16
5/24/2000	all day	W	4.5	19
6/5/2000	all day	E	5.8	17
6/17/2000	all day	variable	4.8	25
6/29/2000	all day	variable	3.0	21
7/11/2000	all day	N	5.1	25
7/23/2000	all day	variable- mostly W,SW	3.0	23
8/4/2000	all day	N	3.8	23
8/16/2000	all day	NW	5.4	23
8/28/2000	all day	E, NE	4.3	23
9/9/2000	all day	variable- mostly NE		24
9/21/2000	all day	------(no data)-----		
10/4/2000	all day	variable- mostly NE	4.3	19
10/15/2000	all day	N	3.5	21
10/27/2000	all day	variable	2.2	17
11/8/2000	all day	variable	2.0	13
11/20/2000	all day	W	5.5	3
7/17/2001	all day	W/SW then NW	3	25.4
7/18/2001	am	E	2.5	23.5
7/18/2001	pm	SE	5.2	23.9
7/19/2001	am	NE	6.4	20.5
7/19/2001	pm	NE	5.4	23.1
7/20/2001	am	NE	4.5	22.9
7/20/2001	pm	SE	3.5	25
10/23/2001	am	SE	3.7	17.4
10/23/2001	pm	SE	3.4	18.6
10/24/2001	am	SW	3.8	24.0
10/24/2001	pm	SE	3.3	24.3
10/25/2001	am	W	9.0	24.9
10/25/2001	pm	W	8.5	21.6
10/26/2001	am	W	10.2	13.8
10/26/2001	pm	W	8.5	10.3
5/7/2002	am	W,SW	4.4	14.0

5/7/2002 pm	W	5	14.0
5/8/2002 am	NE	5.6	7.3
5/8/2002 pm	SE	4.4	7.9
5/9/2002 am	SE	3.5	6.9
5/9/2002 pm	SE	3.3	8.1
5/10/2002 am	W	9.1	7.7
5/10/2002 pm	W	8.9	3.1
11/12/2002 am	NE	5.7	11.5
11/12/2002 pm	NE	8.1	10.2
11/13/2002 am	N,NW	6.2	10.0
11/13/2002 pm	N,NW	6.1	9.0
11/14/2002 am	W	2.8	10.6
11/14/2002 pm	SW	4.5	12.2

Detection Limits (pg)
 (defined as avg mass plus 3 times stdev of field blanks)

<i>PCB Congeners</i>	BA-trailer site	SA-sediment site
8+5	1032	1034
18	208	234
17+15	285	633
16+32	324	627
31	141	258
28	119	248
21+33+53	242	202
22	232	227
45	78	38
46	58	71
52+43	622	264
49	413	262
47+48	245	177
44	189	315
37+42	241	149
41+71	69	136
64	126	73
40	668	174
74	76	73
70+76	117	141
66+95	253	246
91	101	45
56+60+89	43	56
92+84	151	82
101	74	66
99	55	36
83	53	15
97	358	53
87+81	1000	1081
85+136	128	175
110+77	114	123
82	364	18
151	158	94
135+144+147+124	53	22
149+123+107	132	82
118	329	32
146	103	17
153+132	542	345
105	77	29
141+179	41	21
137+176+130	9.1	8.3
163+138	172	174
158	33	16
178+129	36	19
187+182	303	137
183	29	24
128	34	17
185	228	552
174	180	126
177	110	120
202+171+156	100	65
180	88	40

199	40	14
170+190	27	13
201	55	24
203+196	113	83
195+208	68	89
194	61	43
206	28	14
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	11329	9550
	9	8
	1032	1081

Gas Phase PCB Masses (pg) - Field Blanks Bayonne Trailer Site

PCB Congeners	BAHAP122099FB	BAHAP032400FB	BAHAP061600FB
8+5	813	344	112
18	142	105	124
17+15	126	112	165
16+32	205	119	123
31	80	43	54
28	56	109	44
21+33+53	203	201	109
22	34	141	29
45	3.4	68	10
46	31	17	20
52+43	384	155	38
49	161	235	201
47+48	183	157	120
44	30	56	39
37+42	20	54	42
41+71	12	24	11
64	11	62	29
40	33	87	739
74	46	36	24
70+76	112	32	19
66+95	100	3	115
91	8.2	9	12
56+60+89	7.2	38	9.3
92+84	30	58	11
101	31	65	62
99	9	9.2	42
83	54	28	2.9
97	36	88	8.4
87+81	324	233	372
85+136	34	23	37
110+77	49	89	23
82	34	36	24
151	19	20	10
135+144+147+124	21	33	26
149+123+107	30	31	60
118	33	30	59
146	45	33	45
153+132	29	36	62
105	10	9	84
141+179	11	12	24
137+176+130	2.5	3.5	5.3
163+138	18	31	107
158	6.2	6.5	28
178+129	11	9.7	4.5
187+182	31	55	39
183	2.5	5.5	29
128	5.7	5.5	7.1
185	21	18	25
174	12	22	3.3
177	19	8.3	40
202+171+156	19	19	20
180	9.5	7.3	95

199	13	11	9.0
170+190	7.8	15	6.4
201	9.1	9.3	29
203+196	14	14	8.4
195+208	4.5	9	20
194	9.1	2.4	2.5
206	1.9	13	2.4
<i>Sum PCBs</i>	3821	3311	3623
Surrogate Recoveries(%)			
<i>PCB-23</i>	80	74	67
<i>PCB-65</i>	88	84	51
<i>PCB-166</i>	89	93	82

<i>BAP080300FB</i>	<i>BAP081700FB</i>	<i>BAP071801FB</i>	<i>BAP071901FB</i>	<i>BAP072001FB</i>	<i>BAP102501FB</i>
240	129	597	524	524	213
168	24	50	78	108	47
165	192	67	68	215	40
143	41	104	197	269	43
135	32	76	81	63	35
60	33	53	62	49	20
26	42	61	67	57	29
48	26	158	42	59	37
21	10	38	5.5	2.8	19
34	21	37	21	31	24
188	87	130	39	147	183
251	254	120	108	63	272
52	23	101	97	75	76
38	59	131	134	94	50
54	56	50	20	19	74
17	25	42	22	16	32
66	72	53	9.1	8.2	27
230	156	265	100	38	21
54	41	44	13	46	23
29	19	50	41	38	26
122	110	158	76	126	84
14	7.7	30	118	9.5	11
14	7.8	24	12	3.9	13
8.3	28	30	18	9.1	64
21	19	33	20	15	15
14	6.4	51	17	14	5.3
2.1	4.6	4.2	1.3	7.2	6.1
20	6.0	46	7.4	14	91
344	3.2	448	496	416	424
17	13	78	38	28	33
15	9.4	63	37	22	36
24	27	24	20	14	92
3.6	16	24	18	23	49
44	4.9	30	26	6.7	8.6
12	10	24	96	19	36
17	29	87	29	70	79
77	8.4	15	8.2	7.2	22
27	35	26	24	21	151
3.1	4.2	5.5	8.9	28	5.9
14	5.5	6.2	4.8	10	13
5	3.2	1.2	1.6	3.0	3.4
14	18	42	7.1	14	37
6.0	11	5.9	2.5	2.3	10
11	10	10	2.4	16	6.5
68	63	27	88	75	56
4.0	12	2.7	3.2	6.3	5.6
6.1	6.1	3.4	4.9	5.4	7.9
19	12	1.4	1.5	3.6	66
33	10	177	25	14	35
47	42	57	5.8	3.8	29
25	21	23	22	20	40
17	11	20	30	20	8.4

14	6.9	3.6	6.8	4.1	11
13	6.3	7.9	3.1	4.0	8.3
6.6	24	12	2.6	4.9	16
9.0	12	36	4.1	7.6	28
22	2.3	33	18	8.9	23
4.2	3.7	54	23	3.6	17
8.5	3.2	8.2	0.8	9.1	6.5
3165	1972	3960	3057	3009	2943

85	88	88	82	81	88
85	89	94	88	88	93
87	92	98	95	97	98

<i>BAP102601FB</i>	<i>BAP050602FB</i>	<i>BAP050702FB</i>	<i>BAP050902FB</i>	<i>BAP051002FB</i>
101	114	118	150	99
31	18	35	67	30
32	10	31	49	31
25	32	28	59	21
40	29	45	46	11
15	13	35	39	14
17	14	27	41	16
22	208	32	65	27
10	10	11	9.2	6.8
16	12	26	10	12
104	75	65	69	34
22	226	32	76	27
40	88	43	73	35
30	38	34	24	20
19	31	23	26	20
39	55	33	29	17
8.5	12	6.5	8.0	5.2
18	12	47	21	8.6
15	49	24	19	23
18	27	80	7.9	8.7
102	184	22	114	111
12	28	19	11	11
12	27	18	21	4
27	69	60	18	11
11	22	14	15	14
10	21	4.3	8.5	5.6
21	22	11	6.2	3.8
20	32	420	5.8	1.9
222	696	2.4	427	503
11	121	13	30	13
53	90	57	41	40
9.6	26	3.9	7.1	3.1
140	72	66	51	16
21	18	6.4	5.7	6.9
112	64	66	23	30
87	112	9.4	6.9	5.9
17	10	3.5	4.7	7.6
429	428	219	182	230
39	18	3.3	6.2	3.2
29	28	7.7	5.7	27
8	6.2	1.8	2.0	4.3
57	140	24	16	124
24	10	16	1.8	4.8
33	25	7.6	9.2	11
136	300	17	42	21
19	10	3.5	7.8	10
21	33	8.6	6.0	21
60	16	50	5.8	264
79	100	43	7.4	3.9
58	100	40	5.9	24
101	64	36	33	38
46	13	13	12	11

12	26	3.1	4.6	6.1
17	14	8.7	3.5	5.2
26	30	15	5.0	6.7
70	107	47	7.4	6.2
63	45	21	28	21
33	20	11	8.7	6.4
20	25	3.1	6.3	6.1
2892	4247	2171	2093	2110

89	50	91	85	93
93	40	93	89	94
98	63	96	94	98

<i>BAP111202FB</i>	<i>BAP111302FB</i>	<i>SAP071801FB</i>	<i>SAP071901FB</i>	<i>SAP072001FB</i>
658	40	406	593	704
54	49	41	69	184
57	35	380	500	208
82	25	281	275	533
41	31	65	73	109
8.8	4.4	31	58	78
28	32	97	68	141
55	6.6	26	22	133
61	9.0	2	4.8	11
53	19	25	5.7	28
643	106	17	65	215
120	19	73	54	121
192	37	108	77	139
150	21	58	70	259
280	22	79	16	44
54	27	4.4	20	41
109	3.8	6.0	10	25
7.1	20	160	22	76
43	4.6	31	36	52
5.8	28	57	32	113
157	16	129	130	208
8.1	7.0	6.0	3.9	4.5
15	4.7	9.2	13	13
141	87	32	26	36
16	17	23	29	37
3.5	4.5	14	16	27
2.1	7.6	1.4	2.1	6.1
6.3	22	44	19	32
784	404	387	470	519
30	79	3.1	44	53
20	21	24	38	38
434	14	7.7	7.9	5.6
108	4.1	13	17	22
16	8.4	2.8	3.8	17
46	15	1.1	11	19
370	2.9	3.8	28	4.5
87	6.8	3.5	3.7	8.1
95	29	26	16	18
12	4.9	10	7.4	26
3.6	23	1.2	5.8	16
4.9	4.2	0.69	1.3	6.6
4.1	16	5.0	23	19
8.9	17	4.6	1.9	4.5
1.5	2.7	1.3	3	14
191	9.4	3.9	88	10
1.9	4.4	1.2	1.4	12
1.8	2.4	2.9	3.1	3.9
8.1	1.3	1.1	1.1	5.1
57	61	13	21	108
41	35	58	1.7	104
46	47	18	18	35
4.5	1.4	27	6.7	31

39	1.0
23	1.0
51	2.2
46	31
23	21
23	37
9.5	7.4
<hr/>	
6723	1620

1.7	2.5	8.7
4.0	3.8	7.1
2.3	6.6	3.9
38	4.6	48
27	2.4	85
18	1.7	39
2.7	1.4	7.1
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2918	3158	4873

81	80
83	83
87	87

81	84	77
87	90	84
94	97	91

<i>SAP102401FB</i>	<i>SAP102501FB</i>	<i>SAP102601FB</i>	<i>SAP050802FB</i>	<i>SAP050902FB</i>
220	114	154	106	635
61	32	35	64	164
246	87	108	62	142
177	54	78	50	144
55	30	37	41	243
35	23	21	28	239
54	42	44	37	144
78	78	66	72	70
8.1	8.1	8.4	10	36
17	27	21	16	65
92	49	54	72	180
89	79	82	89	171
67	68	64	57	108
72	32	35	36	200
27	36	38	27	134
27	61	36	77	115
11	6.6	16	63	39
25	42	43	15	35
33	29	27	41	50
32	17	23	25	83
142	111	111	170	194
12	10	13	27	38
13	12	11	24	53
30	25	37	42	74
26	18	23	47	51
13	9.1	10	14	27
6.4	4.5	6.0	13	6.7
14	13	17	16	25
478	539	485	557	599
64	28	53	138	119
48	38	49	102	66
10	9.1	9.4	11	5.5
30	32	31	42	48
10	6.1	8.2	14	8.6
20	23	30	61	41
12	7.6	8.1	13	11
6.4	6.8	8.2	9.8	3.7
51	66	130	256	197
11	6.2	8.3	16	5.6
8.3	9.6	13	7.7	9.1
3.2	2.7	3.5	3.8	1.4
28	38	47	65	164
7.8	6.6	8.1	7.4	5.1
9.4	7.2	7.1	13	8.2
53	33	32	96	29
6.6	6.5	8.9	20	6.7
5.3	8.6	10	10	3.1
116	67	154	527	16
53	27	28	11	5.8
35	20	29	31	42
29	26	35	44	41
13	13	13	15	6.6

5.9	5.6	5.3	6.3	3.5
4.8	4.8	5.3	6.7	3.0
10	8.0	8.4	11	6.7
36	25	32	54	8.2
30	24	23	24	24
14	11	15	7.0	9.8
6.2	5.6	6.2	4.8	7.3
<hr/> 2897	<hr/> 2228	<hr/> 2525	<hr/> 3527	<hr/> 4974

86	93	92	89	93
96	95	96	98	96
99	96	99	99	101

<i>SAP051002FB</i>	<i>SAP111302FB</i>	<i>SAP111402FB</i>
190	73	26
51	21	20
57	20	15
36	26	13
46	30	16
25	10	3
42	13	6
189	34	13
13	8.7	2.7
27	12	10
45	80	57
203	17	18
82	42	15
42	16	6.6
42	14	18
29	27	19
11	3.2	3.6
12	10	4.9
33	40	4.4
5.3	5.3	4.3
130	142	101
18	5.8	6.5
11	11	3.8
23	39	10
20	17	7.7
10	7.0	4.7
6.2	4.9	2.0
4.7	9.1	5.6
519	858	26
58	37	35
70	15	17
12	16	7.5
78	3.1	6.0
10	4.5	4.6
53	8.0	11
15	6.8	3.6
15	3.5	2.3
171	22	27
8.4	3.0	10
11	2.8	5.9
5.1	1.7	1.4
34	10	11
8.4	14	5.0
7.1	6.9	5.7
31	64	69
12	1.7	6.4
13	0.89	5.7
63	0.97	7.9
56	53	38
7.9	1.9	33
38	1.5	25
13	0.76	6.7

11	4.3	2.8
10	1.0	1.6
20	5.9	16
36	39	53
23	22	16
14	5.6	6.6
11	1.9	6.5
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2836	1955	891

92	76	84
100	81	88
100	85	99

Gas Phase PCB Masses (pg) - Field Blanks Bayonne Trailer Site

PCB Congeners	BAHAP122099FB	BAHAP032400FB	BAHAP061600FB
8+5	813	344	112
18	142	105	124
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49	161	235	201
47+48	183	157	120
44	30	56	39
37+42	20	54	42
41+71	12	24	11
64	11	62	29
40	33	87	739
74	46	36	24
70+76	112	32	19
66+95	100	3	115
91	8.2	9	12
56+60+89	7.2	38	9.3
92+84	30	58	11
101	31	65	62
99	9	9.2	42
83	54	28	2.9
97	36	88	8.4
87+81	324	233	372
85+136	34	23	37
110+77	49	89	23
82	34	36	24
151	19	20	10
135+144+147+124	21	33	26
149+123+107	30	31	60
118	33	30	59
146	45	33	45
153+132	29	36	62
105	10	9	84
141+179	11	12	24
137+176+130	2.5	3.5	5.3
163+138	18	31	107
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178+129	11	9.7	4.5
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185	21	18	25
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177	19	8.3	40
202+171+156	19	19	20
180	9.5	7.3	95

199	13	11	9.0
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195+208	4.5	9	20
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Surrogate Recoveries(%)			
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<i>PCB-65</i>	88	84	51
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<i>BAP080300FB</i>	<i>BAP081700FB</i>	<i>BAP071801FB</i>	<i>BAP071901FB</i>	<i>BAP072001FB</i>	<i>BAP102501FB</i>
240	129	597	524	524	213
168	24	50	78	108	47
165	192	67	68	215	40
143	41	104	197	269	43
135	32	76	81	63	35
60	33	53	62	49	20
26	42	61	67	57	29
48	26	158	42	59	37
21	10	38	5.5	2.8	19
34	21	37	21	31	24
188	87	130	39	147	183
251	254	120	108	63	272
52	23	101	97	75	76
38	59	131	134	94	50
54	56	50	20	19	74
17	25	42	22	16	32
66	72	53	9.1	8.2	27
230	156	265	100	38	21
54	41	44	13	46	23
29	19	50	41	38	26
122	110	158	76	126	84
14	7.7	30	118	9.5	11
14	7.8	24	12	3.9	13
8.3	28	30	18	9.1	64
21	19	33	20	15	15
14	6.4	51	17	14	5.3
2.1	4.6	4.2	1.3	7.2	6.1
20	6.0	46	7.4	14	91
344	3.2	448	496	416	424
17	13	78	38	28	33
15	9.4	63	37	22	36
24	27	24	20	14	92
3.6	16	24	18	23	49
44	4.9	30	26	6.7	8.6
12	10	24	96	19	36
17	29	87	29	70	79
77	8.4	15	8.2	7.2	22
27	35	26	24	21	151
3.1	4.2	5.5	8.9	28	5.9
14	5.5	6.2	4.8	10	13
5	3.2	1.2	1.6	3.0	3.4
14	18	42	7.1	14	37
6.0	11	5.9	2.5	2.3	10
11	10	10	2.4	16	6.5
68	63	27	88	75	56
4.0	12	2.7	3.2	6.3	5.6
6.1	6.1	3.4	4.9	5.4	7.9
19	12	1.4	1.5	3.6	66
33	10	177	25	14	35
47	42	57	5.8	3.8	29
25	21	23	22	20	40
17	11	20	30	20	8.4

14	6.9	3.6	6.8	4.1	11
13	6.3	7.9	3.1	4.0	8.3
6.6	24	12	2.6	4.9	16
9.0	12	36	4.1	7.6	28
22	2.3	33	18	8.9	23
4.2	3.7	54	23	3.6	17
8.5	3.2	8.2	0.8	9.1	6.5
3165	1972	3960	3057	3009	2943

85	88	88	82	81	88
85	89	94	88	88	93
87	92	98	95	97	98

<i>BAP102601FB</i>	<i>BAP050602FB</i>	<i>BAP050702FB</i>	<i>BAP050902FB</i>	<i>BAP051002FB</i>
101	114	118	150	99
31	18	35	67	30
32	10	31	49	31
25	32	28	59	21
40	29	45	46	11
15	13	35	39	14
17	14	27	41	16
22	208	32	65	27
10	10	11	9.2	6.8
16	12	26	10	12
104	75	65	69	34
22	226	32	76	27
40	88	43	73	35
30	38	34	24	20
19	31	23	26	20
39	55	33	29	17
8.5	12	6.5	8.0	5.2
18	12	47	21	8.6
15	49	24	19	23
18	27	80	7.9	8.7
102	184	22	114	111
12	28	19	11	11
12	27	18	21	4
27	69	60	18	11
11	22	14	15	14
10	21	4.3	8.5	5.6
21	22	11	6.2	3.8
20	32	420	5.8	1.9
222	696	2.4	427	503
11	121	13	30	13
53	90	57	41	40
9.6	26	3.9	7.1	3.1
140	72	66	51	16
21	18	6.4	5.7	6.9
112	64	66	23	30
87	112	9.4	6.9	5.9
17	10	3.5	4.7	7.6
429	428	219	182	230
39	18	3.3	6.2	3.2
29	28	7.7	5.7	27
8	6.2	1.8	2.0	4.3
57	140	24	16	124
24	10	16	1.8	4.8
33	25	7.6	9.2	11
136	300	17	42	21
19	10	3.5	7.8	10
21	33	8.6	6.0	21
60	16	50	5.8	264
79	100	43	7.4	3.9
58	100	40	5.9	24
101	64	36	33	38
46	13	13	12	11

12	26	3.1	4.6	6.1
17	14	8.7	3.5	5.2
26	30	15	5.0	6.7
70	107	47	7.4	6.2
63	45	21	28	21
33	20	11	8.7	6.4
20	25	3.1	6.3	6.1
2892	4247	2171	2093	2110

89	50	91	85	93
93	40	93	89	94
98	63	96	94	98

Field Blanks- sediment application site

<i>BAP111202FB</i>	<i>BAP111302FB</i>	<i>SAP071801FB</i>	<i>SAP071901FB</i>	<i>SAP072001FB</i>
658	40	406	593	704
54	49	41	69	184
57	35	380	500	2076
82	25	281	275	533
41	31	65	73	109
8.8	4.4	31	58	78
28	32	97	68	141
55	6.6	26	22	133
61	9.0	2	4.8	11
53	19	25	5.7	28
643	106	17	65	215
1203	19	73	54	121
192	37	108	77	139
150	21	58	70	259
280	22	79	16	44
54	27	4.4	20	41
109	3.8	6.0	10	25
7.1	20	160	22	76
43	4.6	31	36	52
5.8	28	57	32	113
157	16	129	130	208
8.1	7.0	6.0	3.9	4.5
15	4.7	9.2	13	13
141	87	32	26	36
16	17	23	29	37
3.5	4.5	14	16	27
2.1	7.6	1.4	2.1	6.1
6.3	22	44	19	32
784	404	387	470	519
30	79	3.1	44	53
20	21	24	38	38
434	14	7.7	7.9	5.6
108	4.1	13	17	22
16	8.4	2.8	3.8	17
46	15	1.1	11	19
370	2.9	3.8	28	4.5
87	6.8	3.5	3.7	8.1
95	29	26	16	18
12	4.9	10	7.4	26
3.6	23	1.2	5.8	16
4.9	4.2	0.69	1.3	6.6
4.1	16	5.0	23	19
8.9	17	4.6	1.9	4.5
1.5	2.7	1.3	3	14
191	9.4	3.9	88	10
1.9	4.4	1.2	1.4	12
1.8	2.4	2.9	3.1	3.9
8.1	1.3	1.1	1.1	5.1
57	61	13	21	108
41	35	58	1.7	104
46	47	18	18	35
4.5	1.4	27	6.7	31

39	1.0
23	1.0
51	2.2
46	31
23	21
23	37
9.5	7.4
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6723	1620

1.7	2.5	8.7
4.0	3.8	7.1
2.3	6.6	3.9
38	4.6	48
27	2.4	85
18	1.7	39
2.7	1.4	7.1
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2918	3158	6741

81	80
83	83
87	87

81	84	77
87	90	84
94	97	91

<i>SAP102401FB</i>	<i>SAP102501FB</i>	<i>SAP102601FB</i>	<i>SAP050802FB</i>	<i>SAP050902FB</i>
220	114	154	106	635
61	32	35	64	164
246	87	108	62	142
177	54	78	50	144
55	30	37	41	243
35	23	21	28	239
54	42	44	37	144
78	78	66	72	70
8.1	8.1	8.4	10	36
17	27	21	16	65
92	49	54	72	180
89	79	82	89	171
67	68	64	57	108
72	32	35	36	200
27	36	38	27	134
27	61	36	77	115
11	6.6	16	63	39
25	42	43	15	35
33	29	27	41	50
32	17	23	25	83
142	111	111	170	194
12	10	13	27	38
13	12	11	24	53
30	25	37	42	74
26	18	23	47	51
13	9.1	10	14	27
6.4	4.5	6.0	13	6.7
14	13	17	16	25
478	539	485	557	599
64	28	53	138	119
48	38	49	102	66
10	9.1	9.4	11	5.5
30	32	31	42	48
10	6.1	8.2	14	8.6
20	23	30	61	41
12	7.6	8.1	13	11
6.4	6.8	8.2	9.8	3.7
51	66	130	256	197
11	6.2	8.3	16	5.6
8.3	9.6	13	7.7	9.1
3.2	2.7	3.5	3.8	1.4
28	38	47	65	164
7.8	6.6	8.1	7.4	5.1
9.4	7.2	7.1	13	8.2
53	33	32	96	29
6.6	6.5	8.9	20	6.7
5.3	8.6	10	10	3.1
116	67	154	527	16
53	27	28	11	5.8
35	20	29	31	42
29	26	35	44	41
13	13	13	15	6.6

5.9	5.6	5.3	6.3	3.5
4.8	4.8	5.3	6.7	3.0
10	8.0	8.4	11	6.7
36	25	32	54	8.2
30	24	23	24	24
14	11	15	7.0	9.8
6.2	5.6	6.2	4.8	7.3
<hr/> 2897	<hr/> 2228	<hr/> 2525	<hr/> 3527	<hr/> 4974

86	93	92	89	93
96	95	96	98	96
99	96	99	99	101

<i>SAP051002FB</i>	<i>SAP111302FB</i>	<i>SAP111402FB</i>
190	73	26
51	21	20
57	20	15
36	26	13
46	30	16
25	10	3.1
42	13	6.0
189	34	13
13	8.7	2.7
27	12	10
45	80	57
203	17	18
82	42	15
42	16	6.6
42	14	18
29	27	19
11	3.2	3.6
12	10	4.9
33	40	4.4
5.3	5.3	4.3
130	142	101
18	5.8	6.5
11	11	3.8
23	39	10
20	17	7.7
10	7.0	4.7
6.2	4.9	2.0
4.7	9.1	5.6
519	858	26
58	37	35
70	15	17
12	16	7.5
78	3.1	6.0
10	4.5	4.6
53	8.0	11
15	6.8	3.6
15	3.5	2.3
171	22	27
8.4	3.0	10
11	2.8	5.9
5.1	1.7	1.4
34	10	11
8.4	14	5.0
7.1	6.9	5.7
31	64	69
12	1.7	6.4
13	0.89	5.7
63	0.97	7.9
56	53	38
7.9	1.9	33
38	1.5	25
13	0.76	6.7

11	4.3	2.8
10	1.0	1.6
20	5.9	16
36	39	53
23	22	16
14	5.6	6.6
11	1.9	6.5
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2836	1955	891

92	76	84
100	81	88
100	85	99

Gas Phase PCB Masses (pg) - Lab Blanks

PCB Congeners	LBP020600	LBP020800	LBP050800	LBP072400	LBP101100
8+5	52	19	164	193	77
18	86	22	74	51	48
17+15	72	8.8	73	47	128
16+32	265	23	116	15	273
31	57	14	97	51	32
28	120	13	268	8.1	44
21+33+53	491	93	262	15	75
22	20	21	111	23	20
45	7.4	10	28	8.1	19
46	21	35	33	24	42
52+43	262	106	286	0.10	506
49	169	224	578	41	302
47+48	723	15	173	75	95
44	160	61	79	78	68
37+42	194	13	66	19	89
41+71	45	20	91	28	31
64	42	31	49	23	78
40	62	213	278	520	253
74	90	24	35	37	47
70+76	109	7.5	94	20	48
66+95	207	43	171	119	145
91	19	59	22	50	5.8
56+60+89	18	44	55	88	4.3
92+84	47	34	34	18	12
101	51	21	23	37	2.6
99	12	12	14	12	11
83	2.9	16	8	18	3.0
97	34	22	27	88	44
87+81	299	58	396	445	385
85+136	13	19	100	14	98
110+77	47	24	162	17	66
82	3.9	7.3	40	16	36
151	8.4	4.9	29	13	6.3
135+144+147+124	22	16	243	28	8.4
149+123+107	21	23	80	65	27
118	18	42	73	57	42
146	14	35	32	14	7.9
153+132	3.9	104	37	23	41
105	8.9	18	13	10	13
141+179	2.7	3.7	7.4	12	11
137+176+130	2.2	10	6.0	28	1.8
163+138	23	56	18	65	35
158	12	37	21	57	4.0
178+129	29	27	22	12	3.8
187+182	145	47	48	23	53
183	18	23	20	12	3.9
128	19	14	16	7.5	7.9
185	8.2	13	34	7.8	11
174	3.9	3.4	70	12	15
177	3.8	38	39	11	4.4
202+171+156	11	58	54	15	24
180	12	36	36	40	21
199	11	17	12	9.1	3.0

170+190	2.8	21	12	11	7.4
201	6.9	4.3	21	6.2	42
203+196	13	33	19	6.6	44
195+208	23	21	13	9.8	20
194	4.1	1.2	4.9	6.7	3.3
206	1.9	2.7	9.9	1.3	3.4
<i>Sum PCBs</i>	4255	2042	5000	2758	3551
Surrogate Recoveries(%)					
<i>PCB-23</i>	77	65	74	89	82
<i>PCB-65</i>	89	79	86	91	82
<i>PCB-166</i>	88	78	91	94	84

<i>LBP072401a</i>	<i>LBP072401b</i>	<i>LBP072501a</i>	<i>LBP072501b</i>	<i>LBP120501</i>	<i>LBP121101</i>	<i>LBP060302</i>
147	741	583	540	308	418	262
146	96	101	37	85	73	55
104	643	90	203	264	160	468
626	220	437	122	221	102	73
16	115	22	83	64	71	125
15	82	23	39	43	32	59
49	172	68	18	67	37	65
198	540	26	104	138	106	66
59	81	6.3	6.1	31	15	32
38	46	45	14	34	29	20
602	323	292	46	260	108	131
401	222	373	42	271	290	340
101	151	114	64	94	76	80
50	188	69	41	90	63	145
35	60	23	48	61	54	145
319	47	17	11	70	41	62
13	86	6.9	2.9	49	30	94
259	527	2.7	5.7	263	163	516
12	66	39	30	50	40	92
64	112	83	17	52	26	38
154	248	144	112	154	133	119
13	22	9.2	5.5	19	13	22
4.2	24	5.7	2.6	38	35	104
23	58	21	8.0	38	37	62
23	50	22	8.3	30	23	39
7.3	25	3.7	3.5	16	13	27
1.2	10	1.6	1.8	10	8.1	10
33	68	19	1.1	37	13	10
489	417	491	421	458	522	463
59	51	10	8.8	95	40	287
38	71	26	7.8	45	27	42
24	113	15	61	51	46	74
62	43	15	69	37	44	22
20	57	9.2	5.2	235	166	102
43	48	11	10	40	23	55
94	121	80	28	64	30	63
73	72	11	4.7	29	25	23
27	27	4.0	5.6	63	80	103
29	38	9.4	16	21	15	36
8.2	4.2	8.1	3.8	14	21	34
0.66	2.6	0.70	1.0	7.3	4.0	13
5.6	28	21	3.8	72	35	18
3.2	7.3	2.7	0.89	47	19	16
10	2.1	3.4	1.4	26	23	45
75	43	58	64	57	45	77
12	15	2.9	3.2	30	13	35
3.2	3.5	5.0	4.2	16	8.9	44
3.5	10	4.8	0.60	68	87	20
57	104	18	13	216	73	56
73	71	5	5.0	37	36	49
20	26	20	1.7	35	80	111
28	25	18	1.1	38	34	60
12	16	4.7	1.0	16	10	15

1.5	6.7	4.6	0.85	13	6.6	25
4.1	2.7	1.9	1.5	23	17	72
43	44	8.7	4.4	39	18	56
29	36	6.4	29	52	25	37
51	31	18	6.5	23	14	39
3.5	27	3.4	15	49	21	54
4913	6587	3548	2415	4876	3817	5408

84	82	75	85	80	89	71
89	88	84	91	84	89	75
92	99	93	98	90	96	80

<i>LBP060402</i>	<i>LBP060502</i>	<i>LBP091102</i>	<i>LBP090902</i>	<i>LBP120402</i>
235	765	225	851	813
72	60	115	121	69
563	105	68	132	270
73	64	51	65	61
95	123	55	107	60
82	33	34	48	11
62	51	28	38	38
62	50	170	153	553
33	17	11	7.7	79
32	17	25	32	76
176	77	50	159	345
400	387	87	1013	1471
86	90	49	179	161
99	74	27	131	167
101	116	18	249	18
19	38	34	83	62
84	86	7.6	58	12
24	534	4.6	37	6.3
75	46	36	52	48
34	37	19	18	2.9
170	107	136	122	145
26	26	8.1	26	13
54	109	23	54	3.1
77	46	29	43	46
49	40	20	27	18
25	25	14	7.0	3.6
23	12	14	9.4	23
24	9	9	7.2	2.1
449	441	526	508	807
223	63	21	25	13
57	31	41	40	26
85	48	46	60	119
60	35	72	345	95
734	546	3.7	6.1	2.9
41	25	32	118	293
54	48	3.7	71	221
25	84	3.1	78	92
80	120	200	585	21
31	26	4	10	24
23	20	13	15	4.3
11	8.2	1.7	6.7	5.5
358	55	45	37	3.3
280	39	4.3	3.8	2.4
124	74	8.2	8.8	2.7
124	52	6.7	35	11
150	16	12	3.2	7.5
50	12	8.0	8.1	3.8
152	17	339	122	11
412	27	56	6.4	71
51	66	29	49	35
23	275	38	38	45
100	121	9.4	10	6.8
58	26	7.4	23	32

44	5	3.6	14	30
48	35	5.4	17	31
108	41	3.5	8.5	58
257	8.9	18	20	22
32	36	2.4	5.3	9.3
45	27	3.8	7.7	15
7143	5572	2935	6117	6696

83	79	95	91	72
86	85	94	95	74
80	87	97	99	77

LBP120902

LBP121002

250	211
66	15
159	75
53	13
33	10
11	3.8
21	5.7
66	86
7.3	4.2
56	2.9
108	31
663	25
86	22
80	14
27	17
53	11
3.3	2.9
9.8	8.2
36	19
3.6	5.5
157	78
8.1	5.3
2.9	2.1
66	48
17	10
7	3.1
3.1	2.3
10	2.3
761	407
12	3.9
12	4.8
22	18
8	4.0
40	2.1
6.1	3.1
6.4	6.8
2.7	0.92
9.9	0.83
8.4	7.0
53	2.5
2.0	36
1.5	2.1
1.8	1.0
3.8	7.3
45	14
1.2	1.9
3.7	4.0
10	10
55	27
44	3.5
49	3.3
1.2	2.5
1.1	2.4

10	0.89
20	1.8
2.1	5.9
20	1.0
1.7	1.7
9.0	1.2
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3285	1321

85	100
87	100
92	100

Gas Phase PCB Concentrations (pg/m3) - Bayonne Trailer Site

PCB Congeners	12/8/99	12/20/99	1/1/00	1/13/00	1/25/00	2/6/00
8+5	172	652	234	173	36	30
18	34	220	95	59	17	16
17+15	63	120	46	32	10	9.3
16+32	44	225	110	58	18	16
31	62	188	77	46	16	13
28	57	191	86	45	16	15
21+33+53	41	149	61	35	11	11
22	33	107	57	24	7.7	7.7
45	10	24	15	7.0	3.2	2.5
46	5.0	8.7	8.7	2.3	1.6	2.4
52+43	66	141	109	48	34	18
49	34	82	85	31	16	12
47+48	17	44	25	14	7.8	6.2
44	42	107	68	31	21	12
37+42	22	54	36	16	9.2	8.0
41+71	20	50	26	13	8.6	6.4
64	14	39	20	11	6.5	4.0
40	6.8	17	7.9	5.2	3.0	2.5
74	12	26	15	8.7	7.2	3.1
70+76	21	51	34	18	17	5.6
66+95	67	151	114	60	58	17
91	9.8	18	4.9	6.8	5.9	2.8
56+60+89	16	39	27	17	16	4.8
92+84	28	69	59	29	31	9.8
101	22	78	54	34	37	7.5
99	13	43	24	14	14	4.9
83	1.1	4.1	2.4	1.7	1.8	0.49
97	3.9	17	11	7.3	8.4	1.7
87+81	11	44	27	19	22	4.2
85+136	6.9	25	15	13	13	2.4
110+77	19	88	54	36	45	7.3
82	2.0	6.6	5.0	2.1	2.8	0.46
151	2.6	9.7	7.6	3.2	3.4	0.96
135+144+147+124	2.9	12	8.9	3.7	4.7	0.93
149+123+107	7.2	33	24	9.7	13	2.3
118	6.4	39	26	9.8	16	2.2
146	0.87	6.1	3.9	1.3	2.4	0.29
153+132	6.4	38	28	9.0	16	2.5
105	2.0	16	11	3.5	6.6	0.73
141+179	1.6	8.2	6.1	1.7	3.0	0.84
137+176+130	0.64	3.4	2.3	0.39	1.0	0.86
163+138	6.0	49	32	5.5	16	2.2
158	0.83	7.4	4.8	0.92	2.5	0.37
178+129	1.2	0	1.5	0	1.7	0
187+182	1.1	4.2	3.6	0.61	0.81	0.33
183	0.46	3.1	2.3	0.43	0.89	0.59
128	0.42	3.8	2.1	0.23	0.99	0.20
185	0.16	0.75	0.54	0.064	0.11	0
174	0.74	4.3	2.6	0.17	0.56	0.14
177	0.38	3.3	1.9	0.21	0.45	0.12
202+171+156	0.72	4.5	1.1	0.14	0.47	0.14
180	0.91	5.0	2.6	0.26	0.57	0.27
199	0.10	0.81	0	0	0	0

170+190	0.33	1.7	0.87	0.064	0	0.041
201	0.38	1.4	1.3	0.045	0	0
203+196	0.50	1.4	1.7	0.0	0	0
195+208	0	0.12	0	0	0	0
194	0.054	0.13	0.10	0	0	0
206	0.21	0.24	0.25	0	0	0
<i>Sum PCBs</i>	1023	3333	1788	968	610	279
Surrogate Recoveries(%)						
<i>PCB-23</i>	88.3	92.3	83.4	90.9	90.3	94.5
<i>PCB-65</i>	88.9	91.3	78.0	90.8	88.3	94.0
<i>PCB-166</i>	90.1	83.0	84.5	86.1	90.8	91.4

2/18/00	3/1/00	3/13/00	3/25/00	4/6/00	4/18/00	4/30/00	5/12/00	5/24/00	6/5/00
138	106	76	195	196	31	123	252	57	162
55	54	36	132	100	23	61	138	60	75
30	29	22	72	52	14	33	155	30	102
60	58	36	154	105	28	67	94	41	71
58	43	29	113	84	32	57	125	88	55
43	38	26	107	70	32	46	100	62	56
42	30	22	79	53	25	37	80	40	43
30	24	17	64	41	21	28	33	22	34
6.5	9.1	4.1	15	14	7	14	20	29	14
3.5	3.6	2.7	7.2	5.0	4.2	5.5	7.1	4.1	4.8
92	40	34	104	63	145	60	225	95	62
38	31	22	64	46	49	36	81	88	35
18	13	8.8	30	22	22	18	41	28	17
58	24	21	73	44	85	35	105	72	43
24	14	11	39	25	27	13	30	19	19
23	13	8.9	41	25	40	20	38	27	17
17	7.8	7.0	22	13	22	11	23	12	13
7.8	5.2	4.5	9.2	6.6	11	6.5	0	2.9	4.4
16	5.8	5.2	15	9.2	28	10	31	13	10
44	11	11	33	17	82	20	75	27	21
150	32	36	104	53	290	34	253	79	70
15	3.2	2.9	7.1	4.6	28	5.0	20	8.4	6.9
39	11	9.3	28	15	71	18	50	15	18
88	21	20	57	31	163	33	88	37	36
88	15	17	45	21	185	29	166	35	35
30	6.9	11	25	11	60	17	49	12	12
3.0	0.63	0.80	1.7	1.0	6.6	1.8	6.5	1.6	2.2
19	3.1	3.7	9.8	4.4	39	5.9	29	6.8	7.7
52	8.3	11	26	12	108	17	68	20	18
29	4.5	6.4	14	7.2	54	5.7	38	70	26
98	13	17	48	20	215	33	104	28	33
6.5	1.1	1.5	4.2	1.7	15	2.9	5.0	2.3	2.1
8.6	1.8	2.0	6.3	2.9	17	3.8	20	7.0	4.7
11	2.0	2.1	6.6	2.8	25	4.7	24	6.7	5.4
33	5.1	5.8	22	8.0	72	12	60	16	12
29	4.8	5.6	20	7.0	72	12	63	14	12
4.8	2.8	2.8	4.8	3.2	12	3.9	13	2.8	6.4
30	6.0	5.8	25	9.0	78	14	55	17	13
8.4	2.2	2.0	8.9	3.0	29	5.5	14	3.5	5.2
5.1	1.2	1.3	5.1	2.1	14	2.9	18	4.9	3.7
1.2	0.3	0.3	1.5	1	4.5	1.0	4.4	2.3	0.66
20	5.2	5.1	25	8.7	79	14	71	22	14
2.6	0.52	0.59	2.9	1	10	1.2	10	2.7	2.2
0	0	0.77	0	1.5	0	0	1.2	4.0	0.80
1.3	0.73	0.66	3.9	2.1	4.3	1.9	8.3	4.8	2.6
1.1	0.43	0.40	2.2	1.11	3.1	1.1	5.8	2.3	1.3
1.1	0.49	0.39	1.9	0.61	7.0	1.6	2.5	1.3	0.87
0.24	0.20	0.046	0.24	0.17	0.27	0	0.81	0.37	0.19
1.0	0.65	0.52	2.5	1.3	3.5	1.3	7.6	3.0	2.4
0.66	0.42	0.28	1.8	0.89	2.3	0.83	6.0	2.2	1.0
0.32	0.29	0.41	1.5	1.2	3.1	0.74	1.1	3.9	0.64
0.39	0.42	0.35	3.4	1.7	2.9	1.5	7.5	4.4	2.0
0.17	0.12	0.043	0.25	0.17	0.60	0	0	0.36	0.33

0.19	0.056	0.057	1.0	0.44	1.4	0.33	2.5	1.2	0.55
0.19	0	0.080	1.8	1.4	0.93	0	2.7	2.8	1.1
0.23	0	0.097	1.0	1.4	1.0	0	2.8	3.3	1.1
0	0	0.028	0.22	0.20	0.14	0	0.22	0.62	0.20
0	0.064	0	0	0.064	0	0	0.14	0.52	0.15
0.081	0	0.020	0	0.046	0	0	0.23	0.27	0.15
1586	715	580	1887	1232	2405	989	2928	1266	1219

93.0	94.7	97.3	80.7	87.4	98.5	90.9	97.7	78.5	96.2
92.5	94.5	96.7	79.6	83.9	97.3	89.7	91.2	84.8	99.7
93.3	91.2	93.8	85.4	87.4	94.1	91.9	83.2	83.5	98.0

6/17/00	6/29/00	7/11/00	7/23/00	8/4/00	8/16/00	8/28/00	9/9/00	9/21/00
177	97	347	122	239	277	405	428	no
148	72	185	105	142	161	257	260	data
122	106	270	190	262	178	413	368	
157	44	169	98	126	155	249	257	
144	60	164	96	150	218	301	268	
140	42	153	87	91	115	175	136	
90	28	111	63	79	106	183	147	
82	17	66	35	42	60	114	104	
44	19	22	30	12	16	25	19	
13	3.5	9.0	6.9	4.8	8.6	14	15	
184	61	192	131	123	137	175	182	
127	41	96	81	70	98	80	102	
52	17	48	34	35	44	47	47	
146	29	134	91	82	102	103	124	
60	16	45	26	27	34	41	45	
61	52	0	31	48	53	60	65	
36	0	0	19	17	22	25	27	
11	0	8.6	4.6	2.5	2.7	1.2	2.3	
26	8.5	28	19	19	20	24	23	
56	18	67	38	38	36	50	52	
193	52	210	120	118	103	147	168	
19	3.9	16	9.2	12	9.6	15	9.4	
55	13	53	27	30	26	37	47	
125	31	101	52	57	57	66	86	
86	26	111	57	53	38	66	72	
28	7.0	35	19	17	11	18	19	
4.1	0.80	7.2	1.8	2.7	2.3	3.2	3.5	
18	4.6	24	13	12	8.6	14	15	
43	15	57	27	26	18	35	34	
76	52	15	10	108	93	123	142	
90	21	109	48	47	33	59	68	
7.8	1.7	6.1	3.4	3.4	2.2	4.6	9.7	
12	6.0	12	9.4	11	5.0	11	16	
12	6.2	16	10	8.2	5.1	12	17	
31	18	42	22	27	16	39	48	
31	15	50	21	25	14	33	37	
13	4.0	8.1	8.2	4.6	3.1	6.6	8.7	
37	16	45	7.4	26	13	32	41	
14	3.7	17	6.4	4.6	5.5	8.5	13	
8.7	4.8	10	7.9	5.8	3.6	9.0	11	
2.4	2.0	4.0	1.7	1.5	1.0	2.6	3.3	
40	22	63	28	31	16	43	51	
5.0	2.6	8.8	3.4	3.5	1.8	5.1	5.6	
0.97	5.9	2.3	1.3	3.9	1.3	2.8	2.9	
6.0	4.3	4.8	6.4	4.5	3.2	7.7	10	
3.6	2.5	3.4	3.9	2.3	1.7	5.7	5.5	
3.3	0.79	3.7	1.9	1.0	0.51	1.5	2.1	
0.60	0.34	0.45	1.2	0.28	0.27	0.53	0.96	
4.5	3.6	5.2	5.3	3.0	2.3	5.2	7.1	
3.0	2.0	2.9	2.6	1.9	1.5	3.2	4.3	
2.0	1.8	4.7	1.7	2.4	1.5	3.7	4.6	
5.5	4.4	6.3	4.6	4.4	3.4	7.9	11	
0.44	0.50	0.48	0.29	0.28	0.29	0.53	1.1	

1.6	1.4	2.3	1.2	1.3	0.98	2.3	3.0	
2.7	2.7	2.1	2.7	2.3	1.4	4.5	6.9	
2.9	2.6	2.2	2.7	2.4	1.6	4.5	6.9	
0.14	0.30	0.39	0.48	0.42	0.29	0.75	1.1	
0.48	0.32	0.28	0.32	0.36	0.25	0.70	0.98	
0.31	0.28	0.17	0.29	0.31	0.17	0.63	0.87	
2864	1092	3178	1857	2275	2350	3584	3668	<i>no data</i>

92.8	76.4	93.9	87.6	93.8	95.5	91.0	101
102	54.9	92.0	92.0	93.9	88.2	85.7	100
94.2	83.5	93.7	82.6	91.7	84.2	86.1	90.6

10/4/00	10/15/00	10/27/00	11/8/00	11/20/00
436	363	213	435	28
177	154	165	158	15
74	399	86	70	9
174	148	160	143	18
303	143	226	149	19
207	74	89	70	12
110	74	104	76	8.6
89	51	81	57	6.9
19	17	17	25	2.2
11	13	6.3	7.1	1.5
122	108	104	89	19
64	57	57	48	11
34	33	34	28	6.5
89	89	68	61	12
45	32	35	32	8.3
49	48	57	38	8.5
25	21	21	16	3.8
13	15	7.4	5.6	2.7
22	13	20	12	2.8
41	24	34	21	4.6
122	75	92	65	15
9.6	10	5.5	5.1	2.1
36	18	23	18	3.8
58	37	41	33	8.9
49	33	30	24	5.7
17	11	9.6	7.9	2.1
2.4	1.8	1.5	1.2	0.3
11	7.3	6.7	5.0	1.1
25	17	13	11	2.4
89	63	48	38	11
54	30	30	22	4.7
4.8	2.3	3.9	2.0	0.35
6.7	5.4	4.3	3.5	0.76
8.3	5.8	5.3	3.7	0.79
23	17	16	10	1.8
24	15	16	9.4	1.8
9.3	5.0	3.4	4.3	0.84
23	16	15	9.9	1.9
11	5.0	6.7	3.6	0.67
5.4	4.2	3.4	2.6	0.47
1.8	1.3	1.1	0.85	0.13
27	18	16	9.5	1.9
3.0	2.1	1.8	1.0	0.23
2.3	2.7	0.94	1.5	0.31
3.6	4.5	2.7	2.3	0.39
2.5	2.3	1.7	1.3	0.27
1.9	0.67	0.91	0.48	0.12
0.38	0.38	0.21	0.31	0.047
3.1	2.7	1.9	1.6	0.32
1.8	1.5	1.1	0.8	0.24
2.6	2.5	0.7	1.0	0.15
4.3	4.0	3.0	2.0	0.39
0.27	0.39	0.20	0.20	0.079

1.3	0.9	0.9	0.4	0.10
1.8	2.6	1.5	1.0	0.19
2.0	2.8	1.6	1.2	0.25
0.38	0.46	0.25	0.28	0.091
0.23	0.33	0.19	0.42	0.067
0.14	0.25	0.082	0.12	0.016
<hr/> 2754	<hr/> 2304	<hr/> 1996	<hr/> 1846	<hr/> 272

88.5	84.6	101	87.8	84.9
85.1	94.5	96.9	88.3	85.1
87.4	86.8	83.7	86.4	86.5

Gas Phase PCB Concentrations (pg/m3) - Bayonne Sediment Site

<i>PCB Congeners</i>	<i>SAP050101</i>	<i>SAP053101b</i>
8+5	596	425
18	97	208
17+15	340	673
16+32	318	119
31	391	173
28	489	103
21+33+53	219	90
22	103	39
45	88	22
46	21	10
52+43	244	121
49	114	74
47+48	77	52
44	90	87
37+42	147	39
41+71	119	44
64	31	28
40	11	16
74	34	39
70+76	59	64
66+95	193	172
91	44	107
56+60+89	43	42
92+84	73	86
101	78	74
99	24	24
83	5.1	5.2
97	14	17
87+81	33	25
85+136	85	14
110+77	54	42
82	3.6	2.9
151	10	6.5
135+144+147+124	9.1	5.4
149+123+107	26	13
118	18	12
146	9.3	3.7
153+132	24	15
105	5.2	3.1
141+179	5.9	4.2
137+176+130	1.8	1.4
163+138	23	15
158	3.1	2.2
178+129	4.1	1.9
187+182	4.8	3.6
183	2.5	2.0
128	0.65	0.37
185	0.56	0.40
174	12	3.9
177	2.2	1.3
202+171+156	2.2	1.8
180	4.4	2.9
199	0.43	0.43

170+190	1.2	0.74
201	2.3	1.5
203+196	2.3	1.5
195+208	0.77	0.77
194	0.39	0.37
206	0.88	0.65
<i>Sum PCBs</i>	4414	3141
Surrogate Recoveries(%)		
<i>PCB-23</i>	85	67
<i>PCB-65</i>	70	66
<i>PCB-166</i>	97	63

Codes:

example:	BAP102301A SAP102301AM
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(BA) = BAyonne trailer site (SA) = Sediment Application site 102301 = a date (yes I knew you'd figure that one out on :

For BA samples:	there is one letter after the date A = afternoon M = morning
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For SA samples:	there are two letters after the date the first letter is (A), (B), or (C) indicating the sampler : The second letter is (A) or (M) A = afternoon M = morning
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Sometimes there is no A or M after a sample: that means it ran all day (9:00am to 5:00pm)

The samples at the trailer site (labelled "background") are all 24-hr samples that ran from 9:00am to 5:00pm
the date on the label/code indicates the "start" date of the sample!

your own!)

site

:00am to 9:00am.

Gas Phase PCB Concentrations (pg/m3)

<i>PCB Congeners</i>	BAP071701 (all day)	BAP071801M (morning)	BAP071801A (afternoon)
8+5	1330	812	214
18	172	206	112
17+15	1848	98	62
16+32	668	234	117
31	211	233	143
28	110	106	65
21+33+53	53	119	82
22	114	109	71
45	60	19	15
46	38	14	12
52+43	175	123	108
49	101	56	54
47+48	45	28	26
44	141	90	74
37+42	167	43	49
41+71	69	43	35
64	47	26	25
40	38	14	15
74	28	22	26
70+76	39	42	46
66+95	155	134	136
91	61	5.5	8.9
56+60+89	31	39	41
92+84	159	59	76
101	74	60	66
99	244	19	21
83	22	2.3	5.5
97	14	14	18
87+81	93	36	51
85+136	198	150	191
110+77	72	75	85
82	37	6.3	8.0
151	13	10	10
135+144+147+124	13	11	12
149+123+107	27	30	26
118	29	27	28
146	44	17	31
153+132	24	32	33
105	14	14	16
141+179	8.7	8.7	8.7
137+176+130	6.1	0.67	0.59
163+138	32	32	38
158	2.1	3.0	5.0
178+129	6.4	5.3	3.0
187+182	8.3	7.6	4.8
183	3.3	4.5	3.9
128	1.6	2.5	3.3
185	0.6	1.1	1.2
174	8.5	6.3	6.8
177	12	3.5	3.8
202+171+156	5.7	4.1	4.4
180	9.0	8.9	7.0

199	2.2	1.0	0.69
170+190	1.9	2.4	2.3
201	9.4	6.9	4.5
203+196	9.7	7.1	5.6
195+208	2.3	1.0	1.5
194	13	0.74	0.68
206	1.4	0.74	0.59
<i>Sum PCBs</i>	6925	3288	2322
Surrogate Recoveries(%)			
<i>PCB-23</i>	83	77	81
<i>PCB-65</i>	91	77	86
<i>PCB-166</i>	91	94	93

BAP071901M (morning)	BAP071901A (afternoon)	BAP072001M (morning)	BAP072001A (afternoon)	SAP071701A (all day)
1209	789	1182	134	360
399	277	315	52	197
167	102	126	28	100
373	282	381	75	200
457	327	380	67	223
190	134	246	43	113
213	162	200	43	143
155	104	152	33	82
30	27	24	6.7	48
12	16	16	4.6	14
193	142	312	93	169
84	71	194	68	96
56	61	50	14	76
134	111	161	44	98
81	60	52	18	61
75	67	58	19	61
43	31	43	9.2	27
26	33	35	7.6	12
39	30	30	10	23
68	56	97	35	42
181	159	224	86	130
19	25	4	3	16
46	69	51	10	35
72	67	69	30	69
73	71	63	28	44
28	23	22	9.0	16
4.3	6.6	4.0	1.7	4.7
15	19	17	7.6	10
40	54	76	41	16
105	110	93	54	116
74	83	88	40	44
7.0	7.9	10	4.1	4.9
9.1	10	12	5.9	6.1
11	12	13	6.3	6.7
28	32	40	19	17
29	27	34	15	14
13	17	14	10	11
30	37	40	20	17
13	12	16	8.1	39
10	12	12	5.1	4.2
1.3	1.0	1.0	0.63	1.0
33	37	46	21	16
3.6	4.2	6.6	2.3	1.6
2.0	1.6	3.9	2.0	2.0
6.2	6.1	6.7	4.1	2.0
4.0	4.6	7.8	2.9	2.2
2.4	2.5	4.1	1.6	1.2
1.0	0.77	2.4	0.88	0.71
5.3	6.5	9.6	4.0	3.1
3.9	3.8	9.0	2.4	1.5
3.7	5.5	5.8	2.5	1.7
6.5	9.0	9.7	5.7	2.7

0.75	0.76	0.46	0.40	0.19
1.7	2.1	2.5	1.5	0.73
2.8	8.9	5.7	2.3	1.1
3.4	5.2	5.8	2.7	1.3
0.82	1.9	1.2	0.63	0.33
0.42	1.5	0.9	0.39	0.15
0.41	0.62	0.95	0.45	0.21
<hr/> 4893	<hr/> 3838	<hr/> 5085	<hr/> 1265	<hr/> 2804

83	82	96	87	88
85	87	95	87	88
94	100	72	69	93

SAP071701B (all day)	SAP071701C (all day)	SAP071801AM (site A - morning)	SAP071801BM (site B - morning)	SAP071801CM (siteC - morning)
388	404	1371	533	1007
392	231	716	317	450
158	105	279	1519	196
405	279	682	339	478
477	333	806	355	457
283	149	324	207	275
270	182	402	232	257
205	137	245	194	208
41	31	54	49	37
18	11	41	34	24
275	238	425	299	305
145	114	213	168	136
98	75	169	119	93
195	146	283	192	201
108	75	142	115	100
95	92	184	114	137
63	42	78	61	68
27	25	32	71	34
51	37	66	42	47
84	74	116	79	92
237	237	343	283	310
20	11	33	39	36
77	57	94	73	84
89	115	165	121	164
80	88	113	101	124
27	68	37	39	40
5.2	4.0	12	9.5	11
17	20	26	25	30
33	41	40	54	49
144	212	334	244	280
82	107	113	116	132
10	16	11	9.9	15
12	18	15	12	18
12	17	15	14	20
36	57	53	41	62
32	43	45	33	49
17	22	15	20	23
37	55	48	39	59
97	115	17	14	27
9.5	14	11	9.9	14
1.8	4.2	1.0	1.8	3.1
41	56	48	40	59
4.3	4.2	3.8	4.3	4.7
5.2	7.0	2.7	6.6	6.7
7.0	11	7.7	6.7	8.5
4.9	7.0	4.9	4.2	7.0
3.7	5.4	3.6	2.8	5.3
1.0	1.8	1.1	0.91	1.5
6.1	9.7	7.0	7.0	10.3
3.4	5.0	4.0	3.8	4.3
3.9	6.1	3.7	4.1	5.4
10	15	8.3	6.4	9.9

0.59	1.2	0.47	0.31	0.76
2.7	4.0	2.3	1.8	2.9
3.8	4.5	3.2	2.1	3.2
4.0	5.2	3.6	2.2	3.5
0.86	1.3	0.84	0.65	0.88
0.69	1.0	0.92	0.37	0.39
0.44	0.94	0.44	0.21	0.28
<hr/> 4958	<hr/> 4248	<hr/> 8278	<hr/> 6434	<hr/> 6289

100	92	93	84	83
89	101	90	81	82
92	99	95	92	93

SAP071801AA (site A - afternoon)	SAP071801BA (site B - afternoon)	SAP071801CA (site C - afternoon)
746	1561	742
488	733	391
183	629	149
523	894	373
577	859	447
307	476	213
316	757	219
248	237	136
123	57	34
38	150	32
310	1223	263
165	736	132
122	746	92
219	543	192
128	301	111
148	512	132
65	129	55
31	70	27
58	104	57
99	230	91
272	889	271
21	87	29
98	200	67
153	380	130
93	360	89
67	149	33
5	29	16
20	70	22
39	112	37
256	425	217
100	329	94
9.8	23	8.7
14	33	13
15	36	14
37	100	37
32	99	31
18	27	14
36	95	36
16	40	13
9.2	18	8.7
1.6	3.0	2.0
38	90	37
3.8	7.9	3.0
2.2	14	5.0
3.3	10	3.7
4.3	9.0	4.0
3.0	8.3	2.7
0.77	1.7	0.80
6.7	12	7.0
3.8	5.3	3.3
3.4	6.7	3.1
8.2	12	6.2

0.75	0.65	0.55
2.2	3.8	1.7
3.0	3.3	2.3
3.6	5.1	2.9
1.4	1.5	0.59
0.65	2.1	0.32
0.47	0.59	0.20
<hr/> 6298	<hr/> 14647	<hr/> 5153

89	86	83
94	85	85
92	85	93

SAP071901AM (site A - morning)	SAP071901BM (site B - morning)	SAP071901CM (site C - morning)
3461	479	430
1539	294	225
685	123	88
1423	315	223
1432	248	321
669	146	129
785	126	131
489	101	45
87	26	33
51	22	15
517	183	190
274	92	89
233	62	58
380	121	125
200	65	65
216	65	69
123	35	35
55	21	19
82	24	31
130	41	57
342	147	192
44	13	19
101	45	52
121	65	93
106	59	84
42	21	28
10	4	8.3
25	12	20
44	22	38
264	87	170
106	54	91
8.9	5.5	7.5
13	8.4	12
15	8.4	13
38	23	38
39	16	34
14	8.4	11
40	24	37
20	7.6	13
10	5.7	8.7
1.5	1.1	0.94
41	21	39
4.7	1.8	4.6
5.5	3.5	6.1
8.6	2.9	6.4
7.0	3.1	4.5
3.0	1.8	2.4
1.5	0.53	0.95
7.5	3.9	5.4
3.6	2.2	3.3
4.3	2.8	3.5
9.0	4.7	6.7

0.93	0.58	0.67
2.5	0.86	1.6
7.0	3.6	3.6
7.1	4.1	4.1
1.4	1.4	0.8
0.75	0.35	0.35
0.67	0.47	0.20
<hr/> 14350	<hr/> 3285	<hr/> 3445

87	83	92
85	88	89
90	95	95

SAP071901AA (site A - afternoon)	SAP071901BA (site B - afternoon)	SAP071901CA (site C - afternoon)
2293	705	1263
1245	385	648
509	235	292
1130	451	627
1430	376	726
658	215	276
748	251	308
538	151	233
90	40	40
75	45	50
552	420	340
292	221	162
245	175	110
417	226	226
235	121	127
262	134	130
122	62	72
60	30	39
93	50	56
151	85	95
394	318	278
44	35	48
140	97	78
162	159	125
129	141	102
51	58	38
12	12	8.8
29	30	25
53	54	46
333	207	191
122	138	110
13	10	12
17	16	17
17	20	18
45	47	42
48	40	43
21	16	15
48	47	46
28	24	17
12	11	11
2.3	2.2	1.7
52	47	48
5.8	5.6	5.3
6.5	6.0	3.0
8.6	4.5	4.9
5.5	4.8	6.0
4.4	3.3	3.8
1.3	0.73	1.2
7.9	8.0	7.9
4.7	4.4	5.2
4.4	4.6	5.3
9.8	7.8	9.7

0.68	1.2	0.68
3.2	1.8	2.5
4.6	3.9	3.2
4.9	3.7	3.7
2.4	2.5	1.1
0.72	0.46	0.37
0.73	0.82	0.29
<hr/>		
12993	5971	7202

98	83	79
93	80	79
94	93	94

SAP072001AM (site A - morning)	SAP072001BM (site B - morning)	SAP072001CM (site C - morning)
2671	639	924
1389	245	490
613	148	251
1317	265	513
1386	242	553
633	120	270
778	140	275
537	96	209
93	26	42
43	28	30
484	202	309
243	95	148
187	54	97
406	122	200
257	62	119
239	48	107
126	32	65
77	7.3	35
87	25	56
141	47	96
364	179	288
25	25	27
125	49	87
142	81	126
114	87	128
40	33	48
7.8	6.6	9.1
23	20	28
52	38	56
284	101	199
122	87	132
10	6.2	14
13	13	20
18	14	24
41	35	57
41	27	50
19	13	22
43	38	62
19	12	19
11	8.0	14
1.3	3.0	3.7
46	36	58
5.9	5.4	6.4
6.8	5.3	7.0
4.6	2.5	8.3
5.2	4.2	7.6
2.8	2.3	3.9
1.1	1.2	1.6
6.8	5.6	16
4.0	5.1	7.1
3.8	4.9	7.1
8.3	5.9	11

0.68	0.44	1.8
2.2	1.4	2.7
3.3	2.6	4.2
4.1	3.0	4.6
0.98	1.4	1.1
0.57	0.21	0.55
0.42	0.42	0.45
<hr/> 13326	<hr/> 3604	<hr/> 6354

94	80	87
78	83	90
97	93	97

SAP072001AA (site A - afternoon)	SAP072001BA (site B - afternoon)	SAP072001CA (site C - afternoon)
971	740	481
752	390	249
341	253	1021
827	445	291
847	447	285
449	223	225
482	274	149
395	139	118
69	33	29
51	34	11
392	417	318
203	226	248
170	181	78
270	213	159
142	109	66
163	181	75
103	55	58
44	53	113
93	66	34
145	110	101
370	358	253
47	51	23
135	77	61
156	123	116
117	138	77
49	48	36
12	7.5	8.4
28	27	22
52	53	70
272	174	136
126	131	89
11	11	12
15	16	17
18	20	21
45	54	40
47	48	35
17	15	18
49	51	36
24	21	10
11	12	9.3
2.0	2.1	1.2
48	47	35
5.3	5.8	4.9
5.2	6.9	3.2
4.4	3.9	8.7
6.5	5.1	5.1
3.9	2.5	2.9
1.1	1.5	1.2
7.1	5.8	13
4.2	3.7	7.1
3.9	3.7	4.4
9.0	7.5	7.2

0.63	0.60	0.14
2.6	1.8	2.4
3.7	2.9	2.4
4.3	3.3	2.2
1.5	1.7	0.07
0.67	0.39	0.92
0.49	0.47	0.22
<hr/> 8625	<hr/> 6132	<hr/> 5298.3

85	81	85
80	79	89
94	91	88

Gas Phase PCB Concentrations (pg/m3)

<i>PCB Congeners</i>	BAP102301M (morning)	BAP102301A (afternoon)	BAP102401M (morning)
8+5	68	68	233
18	30	16	94
17+15	20	17	59
16+32	35	31	103
31	34	14	101
28	31	14	88
21+33+53	26	7.6	64
22	23	7.6	55
45	7.1	3.0	15
46	2.9	7.3	9.5
52+43	44	19	110
49	21	10	66
47+48	13	7.2	41
44	25	13	76
37+42	20	14	53
41+71	14	6.9	43
64	8.2	4.2	25
40	3.4	1.8	14
74	10	3.8	26
70+76	16	6.8	42
66+95	51	20	135
91	10	2	22
56+60+89	13	5	24
92+84	25	11	20
101	21	9.5	36
99	7.4	3.0	40
83	1.4	0.6	15
97	5.4	2.5	4.2
87+81	26	9.5	13
85+136	55	26	60
110+77	26	11	154
82	1.7	1.0	36
151	4.2	2.3	4.7
135+144+147+124	2.6	1.5	8.8
149+123+107	9.4	4.5	7.1
118	9.4	3.7	26
146	3.1	2.2	10
153+132	24	7.7	4.4
105	5.0	2.0	58
141+179	2.7	1.3	3.8
137+176+130	0.31	0.22	8.4
163+138	12	5	26
158	1.4	0.57	3.1
178+129	0.80	0.58	3.0
187+182	5.9	2.5	18
183	1.2	0.60	5.2
128	0.67	0.27	1.2
185	0.23	0.14	1.0
174	2.7	1.3	6.4
177	1.2	1.0	4.4
202+171+156	1.5	0.76	5.8

180	2.7	1.3	10
199	0.27	0.23	1.5
170+190	1.5	0.27	2.4
201	1.6	0.81	12
203+196	2.2	0.90	13
195+208	0.33	0.35	2.2
194	0.62	0.20	1.2
206	0.20	0.19	0.87
Sum PCBs	791	418	2125
Surrogate Recoveries(%)			
PCB-23	80	71	92
PCB-65	81	71	94
PCB-166	73	62	79

BAP102401A (afternoon)	BAP102501M (morning)	BAP102501A (afternoon)	BAP102601M (morning)	BAP102601A (afternoon)
Sample	141	509	203	110
Lost	64	183	88	42
	40	103	52	25
	70	184	97	45
	63	148	80	31
	63	135	81	33
	42	108	57	24
	40	83	54	21
	12	24	15	6.5
	6.0	10	6.9	2.7
	71	103	81	32
	37	54	48	18
	25	42	34	14
	46	73	57	22
	35	51	46	15
	24	42	35	12
	16	26	21	7.2
	10	15	13	4.0
	13	18	14	4.3
	22	30	22	7.6
	71	81	65	24
	11	11	8.1	2.5
	21	20	17	6.6
	47	38	35	14
	24	29	21	8.2
	9.5	12.9	8.9	3.6
	2.0	2.1	2.4	0.6
	6.1	7.5	4.7	2.0
	20	26	25	13
	85	47	41	16
	29	30	22	8.0
	2.4	2.8	2.1	0.94
	4.3	4.2	3.1	1.3
	2.8	3.2	1.9	0.88
	8.8	9.9	7.3	3.1
	9.1	12	7.4	2.9
	3.5	1.9	2.0	0.30
	17	22	20	12
	5.5	6.3	2.6	0.99
	3.0	2.5	1.9	0.60
	0.94	0.15	0.18	0.10
	11	12	7.7	2.2
	1.3	1.9	1.2	0.37
	1.9	1.7	1.4	0.36
	4.4	5.9	7.0	5.3
	1.8	0.99	1.1	0.36
	0.91	0.73	0.57	0.17
	0.27	0.25	0.10	0.07
	2.0	1.5	1.8	0.88
	1.2	1.4	1.1	0.48
	1.5	0.86	1.2	0.43

2.9	1.6	1.4	0.69
0.25	0.24	0.38	0.13
1.2	0.94	1.2	0.54
1.8	0.86	1.6	0.54
2.2	1.47	2.0	0.95
0.41	0.52	1.7	0.36
0.29	0.10	1.8	0.15
0.19	0.073	1.5	0.28
<hr/>			
1260	2344	1436	614

94	86	92	90
95	88	98	93
84	77	80	79

SAP102301AM (site A - morning)	SAP102301BM (site B - morning)	SAP102301CM (siteC - morning)	SAP102301AA (site A - afternoon)
1315	463	309	780
523	165	157	362
331	115	85	203
589	189	171	337
400	148	134	244
421	120	142	321
315	113	97	218
177	51	66	135
48	34	24	50
37	16	13	19
321	141	142	211
225	90	75	149
184	80	57	120
195	72	94	149
129	46	64	86
118	56	51	78
61	20	33	46
31	11	14	24
53	15	24	38
84	27	40	61
245	100	153	183
30	13	20	23
81	27	40	54
223	60	90	156
79	35	51	70
39	18	22	57
10	3.7	4.2	7.2
26	8.7	11	24
42	14	24	30
18	6.1	16	14
77	31	51	60
4.8	2.3	3.4	3.1
12	4.8	13	11
10	5.0	8.6	17
26	13	28	28
21	9.2	14	21
6.0	2.7	4.8	6.1
28	13	26	26
15	6.4	12	14
4.1	1.9	3.9	3.8
2.0	0.47	1.9	0.43
23	11	21	29
2.8	1.4	2.5	3.7
3.9	1.5	2.7	2.4
6.6	2.8	6.3	4.6
2.8	1.5	3.2	2.3
1.6	0.93	1.3	1.2
0.64	0.29	0.50	0.41
4.7	2.2	4.8	4.7
2.1	1.2	2.6	3.2
1.8	1.2	2.0	1.1

4.7	2.3	4.6	5.9
0.37	0.14	0.35	0.64
1.2	0.67	1.3	1.8
2.3	1.1	2.0	3.1
2.3	1.2	2.1	3.4
1.6	0.42	0.42	0.24
0.19	0.14	0.18	0.38
2.0	0.39	0.28	0.93
<hr/>			
6619	2378	2446	4506

81	101	93	87
82	100	97	94
83	98	96	93

SAP102301BA (site B - afternoon)	SAP102301CA (site C - afternoon)	SAP102401AM (site A - morning)	SAP102401BM (site B - morning)	SAP102401CM (siteC - morning)
No sample	252	168	927	581
(morning sample went	140	68	303	243
	68	50	226	129
	146	85	351	252
	130	93	293	231
	106	67	252	156
	78	66	243	152
	60	65	130	95
	19	11	42	28
	15	11	43	25
	122	75	267	202
	64	51	164	109
	48	30	141	86
	78	55	153	126
	53	53	97	86
	44	31	114	73
	26	20	48	37
	18	11	27	28
	20	19	40	29
	32	35	64	53
	128	105	206	197
	16	19	26	26
	36	39	65	60
	83	83	128	128
	44	41	79	72
	17	14	92	31
	4.1	5.0	6.7	7.9
	12	13	19	21
	22	24	37	37
	13	245	13	17
	43	49	78	82
	4.3	4.1	7.7	8.6
	13	7	12	15
	11	5.3	13	16
	27	18	33	41
	13	18	31	26
	5.0	15	7.4	7.9
	26	22	39	43
	12	8.7	24	23
	4.1	5.7	6.1	7.0
	2.1	0.75	3.3	3.9
	20	25	38	38
	2.4	2.6	5.1	4.7
	3.1	1.5	2.3	6.0
	5.7	5.7	9.5	9.0
	3.4	2.9	4.7	5.5
	1.6	1.7	3.4	3.8
	0.66	0.55	1.1	0.86
	5.1	3.8	8.6	9.6
	3.0	2.9	3.7	4.7
	2.6	2.7	4.1	5.4

5.7	5.8	14	11
0.33	0.38	0.47	0.53
1.5	1.9	2.3	2.8
1.9	2.2	3.6	4.0
2.2	2.7	4.0	4.2
0.55	0.79	1.9	1.2
0.22	0.45	0.67	0.44
0.64	0.27	1.1	1.1
<hr/> 2113	<hr/> 1869	<hr/> 4959	<hr/> 3704

93	92	95	95
97	94	100	97
89	84	96	85

SAP102401AA (site A - afternoon)	SAP102401BA (site B - afternoon)	SAP102401CA (site C - afternoon)	SAP102501AM (site A - morning)
1062	1002	319	215
473	396	144	111
220	257	87	77
477	443	159	132
422	395	112	142
367	330	148	119
316	325	89	111
234	157	64	88
45	100	26	26
37	48	11	17
245	396	147	138
157	253	73	84
95	228	53	47
165	218	92	96
141	138	57	75
81	168	43	51
52	60	35	30
27	34	13	18
40	49	23	35
82	93	42	61
197	312	162	195
24	40	27	37
63	95	42	56
316	195	97	134
70	128	67	84
21	61	29	25
1.9	11	3.6	9.2
30	26	15	24
47	52	36	50
17	21	23	343
76	125	68	103
6.7	13	3.3	7.7
16	18	14	14
10	20	8.9	11
28	51	30	36
25	46	20	39
7.3	12	4.3	20
34	60	32	43
21	37	17	20
4.2	9.5	4.5	12
1.1	2.1	0.57	1.3
30	58	29	47
3.2	7.4	3.3	5.4
5.5	5.4	2.0	3.9
10	13	8.8	15
2.7	7.9	3.5	6.4
2.4	5.9	1.3	3.4
0.64	1.2	0.71	1.1
7.1	13	5.9	8.1
3.4	6.3	3.0	5.0
2.5	6.7	2.4	6.8

6.9	15	6.9	13
0.58	0.88	0.28	1.3
2.0	4.8	1.6	3.5
2.7	7.5	2.9	12
3.7	7.6	3.0	13
0.23	1.8	0.79	2.3
0.42	1.1	0.37	2.3
0.40	1.6	0.64	2.0
<hr/> 5839	<hr/> 6591	<hr/> 2517	<hr/> 3091

94	98	89	90
90	94	96	89
94	95	99	84

SAP102501BM (site B - morning)	SAP102501CM (siteC - morning)	SAP102501AA (site A - afternoon)	SAP102501BA (site B - afternoon)	SAP102501CA (site C - afternoon)
472	315	127	173	no
228	116	76	69	sample
187	69	46	61	
289	101	84	84	
303	101	79	73	
228	50	69	64	
236	61	64	66	
152	100	56	43	
32	21	11	10	
35	12	7	11	
285	136	72	98	
202	66	41	66	
185	37	31	63	
164	94	46	51	
127	77	35	43	
142	95	27	44	
50	32	17	17	
30	29	11	12	
55	22	18	19	
96	44	29	28	
318	208	85	98	
47	40	13	16	
100	61	27	27	
115	250	49	34	
110	84	31	39	
44	21	12	24	
7.8	5.7	3.0	2.3	
25	21	7.8	7.1	
52	34	17	17	
218	99	83	42	
127	105	38	32	
10	10	2.4	2.2	
18	17	5.1	6.5	
13	9.5	3.8	4.2	
46	42	13	13	
46	34	12	13	
20	28	5.0	5.3	
56	64	14	15	
27	28	5.8	4.2	
13	13	3.7	4.2	
1.6	1.1	0.36	0.34	
55	27	14	14	
5.8	2.9	1.8	1.7	
4.0	2.8	1.0	1.3	
12	15	4.4	5.4	
6.8	6.0	1.5	1.7	
4.1	3.9	0.87	0.64	
1.7	1.4	0.36	0.40	
9.6	3.3	2.2	2.4	
5.5	3.8	1.7	1.6	
5.4	4.9	1.0	1.5	

14	12	2.9	3.3
0.77	0.81	0.23	0.42
4.3	2.7	0.77	1.0
5.7	14	1.3	1.5
6.5	14	1.6	2.2
2.3	2.6	0.41	0.78
1.2	1.3	0.21	0.30
1.4	1.2	0.18	0.31
<hr/> 5058	<hr/> 2875	<hr/> 1414	<hr/> 1542

92	91	88	99
90	89	91	100
83	89	78	89



SAP102601AM (site A - morning)	SAP102601BM (site B - morning)	SAP102601CM (siteC - morning)	SAP102601AA (site A - afternoon)
84	116	271	84
43	63	53	41
28	51	58	27
50	83	36	46
44	68	50	40
40	65	20	33
36	60	13	33
34	26	16	29
5.9	10	7.2	5.2
4.2	8.8	3.0	3.7
50	100	23	40
38	66	13	27
19	57	80	17
28	54	14	25
35	29	26	25
18	35	12	17
10	16	6.4	8.1
5.4	6.0	15	3.9
8.8	14	2.8	6.6
16	23	10	12
49	79	27	35
6.2	11	11	4.8
15	24	8.5	11
26	32	19	18
21	33	18	13
7.5	12	13	4.7
1.5	2.0	2.7	1.5
4.7	8.0	4.7	2.9
13	18	21	10
40	8	22	28
23	27	12	13
1.4	1.7	3.3	1
3.5	5.0	5.8	2
2.4	3.9	2.7	1
8.1	12	5.1	4.8
6.9	11	4.0	4.0
2.6	3.3	5.0	1.3
9.7	15	11	5.5
2.6	7.8	9.9	1.7
2.4	2.1	2.7	1.3
0.33	1.0	0.82	0.11
9.3	14	3.5	4.6
1.0	2.0	1.5	0.61
0.62	1.0	1.9	0.68
4.6	3.4	1.2	3.8
1.1	1.8	2.2	0.67
0.56	1.0	1.2	0.31
0.25	0.36	1.4	0.20
1.9	3.3	2.4	1.1
1.3	1.8	2.9	1.0
0.65	2.0	2.4	0.7

2.2	5.4	2.1	0.9
0.15	0.34	0.89	0.12
0.81	2.2	1.2	0.35
1.0	3.7	3.7	0.42
1.4	4.2	4.0	0.81
0.48	1.7	1.0	0.39
0.40	1.4	1.1	0.27
0.48	3.5	1.3	0.24
<hr/>			
872	1318	975	704

96	89	75	91
100	92	76	96
88	96	86	83

SAP102601BA (site B - afternoon)	SAP102601CA (site C - afternoon)
120	108
63	43
54	29
79	46
60	37
55	36
58	32
37	23
12	6.9
11	4.9
88	46
57	25
53	19
47	26
35	16
33	17
16	8.8
7.4	4.3
12	7.6
19	14
71	47
10	7.6
20	11
21	18
26	18
12	6.6
2.3	1.7
4.5	3.8
17	20
34	45
23	22
2	1.7
3	2.9
3	2.5
8.6	8.0
8.6	6.7
2.5	2.4
8.1	9.5
3.2	2.9
2.2	2.2
0.28	0.28
9.0	9.4
1.2	1.1
0.77	1.3
6.4	10.0
1.2	1.7
0.76	0.62
0.24	0.29
2.1	2.7
1.9	2.1
1.6	1.6

3.4	4.2
0.44	0.22
1.4	1.8
2.4	2.3
3.3	3.6
2.1	1.0
0.88	1.0
6.8	1.4
<hr/>	
1244	834

88	87
91	88
84	80

Gas Phase PCB Concentrations (pg/m3)

PCB Congeners	BAP050702M	BAP050702A	BAP050802M
	(morning)	(afternoon)	(morning)
8+5	47	67	63
18	35	52	38
17+15	26	33	24
16+32	37	53	37
31	45	52	35
28	47	60	39
21+33+53	34	36	23
22	17	20	14
45	12	12	7.3
46	4.5	5.1	4.0
52+43	62	72	51
49	47	56	42
47+48	22	26	20
44	47	52	32
37+42	19	24	16
41+71	17	22	15
64	12	14	10
40	5.8	6.2	4.7
74	14	14	9.2
70+76	25	24	16
66+95	72	74	49
91	5.4	6.9	4.6
56+60+89	21	17	12
92+84	43	38	24
101	44	32	23
99	15	13	8.7
83	2.8	2.7	1.4
97	10	8.1	5.3
87+81	20	17	11
85+136	127	78	48
110+77	34	26	15
82	1.5	1.4	1.1
151	5.7	5.4	3.8
135+144+147+124	4.0	5.5	4.7
149+123+107	12	12	8.2
118	10	11	7.1
146	5.7	4.9	3.4
153+132	15	13	8.1
105	5.1	3.9	3.1
141+179	4.4	3.7	1.9
137+176+130	1.6	1.2	0.68
163+138	15	14	7.7
158	2.6	1.8	1.2
178+129	3.2	2.6	0.72
187+182	7.5	5.1	2.5
183	3.3	2.4	1.3
128	0.66	0.58	0.39
185	1.0	0.58	0.19
174	8.4	3.2	0.63
177	23	23	8.9
202+171+156	34	22	20

180	5.3	3.3	1.6
199	1.3	0.76	0.43
170+190	1.2	1.1	0.57
201	4.7	2.2	1.3
203+196	4.3	2.6	1.8
195+208	0.99	1.3	0.80
194	0.68	0.48	0.29
206	0.75	0.29	0.18
<i>Sum PCBs</i>	1147	1162	796
Surrogate Recoveries(%)			
<i>PCB-23</i>	30	81	85
<i>PCB-65</i>	38	89	90
<i>PCB-166</i>	58	83	81

BAP050802A (afternoon)	BAP050902M (morning)	BAP050902A (afternoon)	BAP051002M (morning)	BAP051002A (afternoon)
97	91	83	54	36
62	37	36	35	31
37	21	24	25	21
71	38	35	39	33
73	36	33	60	45
72	35	33	39	31
56	31	29	33	23
27	17	19	23	16
9.6	5.1	8.4	8.4	5.5
5.4	3.5	4.1	4.4	3.1
71	36	34	49	40
37	19	22	34	27
22	12	11	16	14
50	24	29	33	25
21	13	13	25	19
19	11	12	21	18
14	8.6	7.8	11	8.3
12	5.5	3.9	5.5	4.7
16	6.7	7.1	11	9.5
31	12	13	21	15
92	37	38	62	46
8.9	3.0	3.9	8.3	6.2
23	10	10	17	13
40	18	18	30	21
57	16	18	24	15
21	5.8	6.4	9.5	7.7
3.6	1.2	1.0	2.4	1.5
13	4.2	4.7	6.1	4.6
35	11	11	16	9
83	26	27	82	55
44	14	16	43	26
2.0	1.0	0.92	1.3	0.84
6.7	2.3	2.4	12	9.0
7.4	4.2	3.1	2.4	1.7
14	5.3	5.9	23	16
13	4.9	5.8	7.4	5.1
5.0	2.6	3.4	4.2	2.0
15	5.8	6.1	63	43
5.4	2.7	2.9	2.7	2.0
4.4	1.4	1.6	5.2	2.8
1.7	0.40	0.36	0.37	0.28
16	5.4	7.1	36	23
2.5	1.3	1.3	0.57	0.36
2.5	1.3	0.99	1.6	0.96
4.2	1.6	1.6	3.3	2.1
2.3	0.76	0.72	1.0	0.69
0.67	0.35	0.32	0.93	0.43
0.69	0.26	1.3	1.64	0.18
3.0	2.0	3.5	1.85	0.92
2.1	0.88	12	1.33	0.67
3.0	1.1	20	0.99	0.41

3.1	0.70	0.93	1.9	1.1
0.34	0.077	0.17	0.32	0.21
1.1	0.12	0.29	0.59	0.30
1.6	0.37	0.41	1.3	0.56
2.1	0.64	0.55	1.5	0.63
3.7	0.34	0.26	0.39	0.17
0.68	0.11	0.084	0.26	0.089
0.57	0.082	0.070	0.17	0.075
<hr/> 1349	<hr/> 658	<hr/> 696	<hr/> 1023	<hr/> 744

22	78	76	50	72
31	88	82	64	85
56	86	77	90	94

SAP050702AM (site A - morning)	SAP050702BM (site B - morning)	SAP050702CM (siteC - morning)	SAP050702AA (site A - afternoon)	SAP050702BA (site B - afternoon)
205	305	134	67	128
95	149	86	41	81
57	93	53	26	56
95	142	87	45	80
82	126	82	40	85
87	134	91	44	79
61	99	61	33	41
43	49	38	25	42
15	22	17	8.0	14
16	16	9.4	6.1	25
107	156	109	57	105
62	88	61	32	58
40	52	39	18	45
75	94	76	36	65
34	40	33	19	29
33	35	32	15	29
21	26	23	12	15
14	4.8	7.4	5.5	71
18	21	23	10	24
30	39	37	19	34
110	139	119	67	103
10	12	11	7.1	8.5
27	27	27	17	31
71	65	65	47	49
53	65	54	34	64
20	21	19	12	22
5.5	4.3	3.9	3.3	6.5
13	15	11	8.5	13
26	31	26	19	27
152	152	159	100	117
47	53	42	30	46
2.0	2.3	1.8	1.7	9.7
8	12	10	6.8	14
13	6.4	4.8	4.8	120
16	26	21	13	29
13	20	16	9.4	22
8.2	5.7	6.8	8.5	12
18	25	20	15	46
5.7	6.2	5.2	5.2	13
5.7	8.1	6.1	4.4	10
0.72	2.5	1.7	0.79	2.3
22	29	21	15	29
2.8	3.9	2.3	2.4	7.8
3.7	4.8	3.3	2.5	10
6.9	7.0	5.8	5.8	13
3.8	3.6	2.4	2.5	8.3
1.2	0.63	0.65	0.70	4.6
1.1	1.1	0.55	0.55	7.1
8.5	9.4	15	9.8	2.7
10	3.3	2.4	6.0	11
8.0	2.8	2.1	23	3.0

7.0	4.5	3.8	4.0	5.9
1.0	0.76	0.34	0.63	2.4
2.1	1.2	1.1	1.4	1.9
3.5	3.0	1.5	2.6	7.6
3.6	2.9	2.1	2.8	1.2
2.5	1.2	1.1	2.3	2.2
3.9	0.18	0.43	0.37	2.9
8.0	6.1	1.6	0.20	0.38
<hr/> 1915	<hr/> 2473	<hr/> 1797	<hr/> 1056	<hr/> 1992

21	82	76	82	83
22	85	81	88	83
27	82	88	85	84

SAP050702CA (site C - afternoon)	SAP050802AM (site A - morning)	SAP050802BM (site B - morning)	SAP050802CM (siteC - morning)	SAP050802AA (site A - afternoon)
54	402	518	146	327
36	199	212	73	139
19	114	120	39	80
33	187	211	64	144
33	162	163	60	120
34	188	176	61	130
21	107	132	45	97
16	59	84	27	51
5.8	27	24	9.3	18
5.0	14	18	6.1	11
51	156	165	75	142
24	89	91	41	73
14	65	58	25	54
28	98	102	40	85
14	55	55	21	49
12	49	49	18	41
8.9	32	31	13	28
3.0	11	7.7	4.6	14
8.2	26	23	14	23
16	44	42	24	42
50	142	140	78	143
4.3	21	13	7.9	17
12	35	35	17	37
24	72	76	27	80
28	57	63	41	69
9.1	25	22	14	28
1.8	3.8	4.3	2.4	4.6
6.2	13	14	7.7	15
15	29	29	20	35
60	144	125	51	205
21	43	50	28	60
1.1	2.2	3.6	1.6	2.6
5.7	8.6	9.5	8.1	7.3
5.0	4.7	4.9	4.6	6.6
12	19	22	17	16
8.8	15	17	12	13
4.5	9.5	13	4.0	6.9
12	21	22	16	17
2.8	5.5	7.1	3.5	6.7
3.0	5.3	5.9	4.6	4.4
0.8	1.8	1.2	1.2	1.1
12.5	17	21	17	16
1.8	2.1	3.1	2.3	3.5
1.9	4.0	4.0	3.5	2.5
4.1	5.0	4.4	5.2	5.0
2.0	2.7	2.2	2.3	5.4
0.33	0.59	1.1	0.50	1.5
0.28	0.53	1.0	0.48	41
8.7	2.9	5.5	5.6	73
16	2.1	2.5	7.5	42
28	1.7	1.2	1.9	44

3.3	3.2	2.9	2.9	2.7
0.76	0.38	0.90	0.44	0.34
0.65	0.99	0.75	0.75	1.2
2.2	1.5	1.6	1.0	2.1
4.9	1.7	1.7	1.4	2.8
3.2	0.63	0.57	0.36	0.88
1.7	0.31	0.24	0.25	0.27
6.9	0.42	0.59	0.71	1.6
<hr/> 821	<hr/> 2809	<hr/> 3013	<hr/> 1230	<hr/> 2691

85	82	87	88	25
89	90	93	92	30
85	90	90	82	78

SAP050802BA (site B - afternoon)	SAP050802CA (site C - afternoon)	SAP050902AM (site A - morning)	SAP050902BM (site B - morning)
275	321	100	204
114	189	50	76
68	102	31	49
125	166	60	79
95	163	42	111
103	170	52	60
81	110	35	57
53	54	23	42
18	28	9.2	11
11	12	7.2	7.6
112	178	55	68
59	91	28	36
40	73	20	27
74	105	37	48
36	54	18	38
33	57	19	35
24	33	13	14
7.8	11	6.4	9.1
18	29	10	14
33	49	20	24
116	149	65	76
18	15	8.5	17
31	32	19	19
65	50	44	31
54	56	30	24
21	23	13	11
4.0	2.9	2.3	2.3
14	11	8.2	6.0
29	27	18	14
104	73	75	64
52	38	31	28
3.7	2.4	2.7	2.2
8.1	8.5	3.4	2.9
6.3	7.2	2.9	3.3
19	19	9.0	7.9
15	14	10	7.5
8.3	4.5	4.7	4.6
20	16	10	7.5
6.7	3.8	6.9	3.3
4.7	4.8	2.0	1.6
1.8	0.60	0.83	0.51
18	16	10	6.5
2.1	1.8	1.7	0.6
2.9	2.2	0.28	1.0
4.3	4.1	1.9	1.7
2.4	2.1	0.90	0.68
1.1	0.53	0.68	2.7
0.48	0.51	0.19	0.68
5.4	4.7	6.4	0.65
1.9	1.7	6.2	0.72
1.7	1.6	12.8	1.1

2.6	2.3	0.71	0.51
0.42	0.35	0.20	0.13
0.78	0.49	0.22	0.18
1.4	1.5	0.29	0.19
1.7	1.7	0.40	0.44
1.2	0.72	0.23	0.16
0.28	0.22	0.099	0.081
0.24	5.5	0.40	0.071
<hr/> 2033	<hr/> 2602	<hr/> 1048	<hr/> 1363

85	93	89	88
92	99	102	98
91	94	87	98

SAP050902CM (siteC - morning)	SAP050902AA (site A - afternoon)	SAP050902BA (site B - afternoon)	SAP050902CA (site C - afternoon)
85	360	222	142
55	122	90	77
34	70	53	46
64	125	89	83
51	88	75	68
59	92	79	75
39	73	53	53
26	41	29	28
11	16	13	14
6.0	12	6.5	8.9
68	87	76	86
38	42	41	46
25	33	31	34
42	55	49	53
25	35	30	30
23	28	28	30
14	19	16	18
8.0	8.7	9.1	7.0
10	13	11	13
19	26	19	23
70	87	71	84
8.0	11	8.4	10
16	22	16	20
40	54	42	44
29	39	27	34
11	16	11	14
2.0	2.7	2.6	2.7
6.2	11	7.3	7.8
16	23	14	18
51	83	54	56
25	37	24	29
1.9	2.6	1.4	1.8
5.7	4.8	4.1	6.0
5.4	4.8	4.2	4.7
12	13	9.0	14
7.2	13	6.4	8.6
4.7	6.8	2.6	3.9
11	13	7.9	12
2.8	5.4	2.1	2.7
2.6	2.8	1.9	1.2
0.73	1.1	0.62	0.96
9.4	13	8.5	11
1.5	1.8	1.9	1.8
1.7	2.1	1.4	1.7
1.4	1.7	1.8	3.0
1.2	1.0	0.85	1.2
0.37	0.76	0.37	0.45
0.27	0.31	0.12	0.28
2.9	2.8	3.6	3.6
9.8	0.93	21	1.0
14	0.64	33	0.69

0.95	0.97	0.84	1.3
0.26	0.12	0.21	0.15
0.35	0.26	0.28	0.43
0.43	0.32	0.48	0.49
0.54	0.48	0.58	0.76
0.58	0.36	0.30	0.24
0.095	0.14	0.09	0.10
0.13	0.41	0.21	0.53
<hr/> 1074	<hr/> 1826	<hr/> 1418	<hr/> 1339

80	79	80	81
89	90	90	90
82	78	76	82

SAP051002AM (site A - morning)	SAP051002BM (site B - morning)	SAP051002CM (siteC - morning)	SAP051002AA (site A - afternoon)
140	162	128	47
60	70	53	21
41	42	34	14
65	76	50	22
92	107	71	38
47	54	35	19
52	63	40	19
46	49	39	16
9.7	10	7.3	3.5
8.3	11	6.1	3.1
59	71	51	31
36	37	27	18
23	23	16	9.6
47	54	41	21
36	35	28	14
30	30	22	14
14	15	12	7.1
8.1	8.9	7.6	4.0
13	14	13	7.4
22	27	19	14
76	89	63	45
11	14	9.1	5.3
27	26	7.6	14
35	32	31	19
31	33	27	19
13	14	11	7.6
3.4	2.7	2.3	2.3
8.1	8.2	6.7	4.6
20	21	18	15
95	77	92	59
40	40	33	23
3.6	3.5	3.3	1.7
5.2	5.7	5.1	3.5
5.8	6.2	7.9	3.5
13	14	13	8.1
15	15	12	8.7
12	8.8	12	5.8
15	15	13	9.6
7.8	6.9	5.2	3.5
3.7	3.7	3.7	2.5
0.97	1.2	0.91	0.73
15	14	14	10
1.3	1.3	1.1	0.88
2.6	2.9	2.0	1.6
3.5	3.5	3.2	3.3
1.6	1.6	1.7	1.6
1.1	0.98	1.0	0.81
0.45	1.7	0.61	3.6
2.3	2.5	3.3	2.2
1.5	1.4	1.3	1.2
1.1	1.6	1.6	1.0

2.4	2.2	2.3	2.7
0.37	0.34	0.22	0.29
0.64	0.59	0.65	0.74
1.1	1.3	0.90	1.4
1.1	1.2	1.1	1.4
0.31	0.53	0.25	0.45
0.18	0.17	0.12	0.31
0.17	0.25	0.11	0.20
1328	1436	1114	638

92	89	98	93
93	94	98	99
101	100	100	102

SAP051002BA	SAP051002CA
(site B - afternoon)	(site C - afternoon)

58	72
32	27
20	18
34	27
64	43
31	21
32	22
25	21
4.7	4.0
5.5	3.5
41	34
22	17
13	8.7
28	26
15	15
13	11
7.4	7.1
3.3	3.3
8.4	7.9
14	13
47	43
5.3	6.1
14	14
17	18
21	19
7.8	9.1
2.6	2.3
4.5	4.6
13	14
35	54
22	23
2.1	2.4
3.1	3.5
3.3	3.9
7.5	8.6
8.0	9.9
4.3	7.8
8.1	11
3.4	5.3
2.2	2.3
0.77	0.60
7.9	11
0.73	1.3
1.0	1.6
2.5	2.6
1.1	1.3
0.72	0.82
0.72	0.93
1.5	2.9
1.0	1.0
1.5	1.4

1.6	2.0
0.19	0.21
0.48	0.63
0.83	0.88
1.0	1.2
0.52	0.40
0.26	0.13
0.69	0.18
<hr/>	
728	695

64	94
76	96
91	100

Gas Phase PCB Concentrations (pg/m3)

<i>PCB Congeners</i>	BAP111202M (morning)	BAP111202A (afternoon)	BAP111302M (morning)
8+5	226	86	82
18	87	47	52
17+15	53	28	32
16+32	91	39	50
31	98	49	64
28	63	32	44
21+33+53	47	21	30
22	41	24	23
45	9.9	6.4	6.5
46	6.3	5.8	3.5
52+43	87	50	49
49	56	40	32
47+48	24	13	14
44	56	32	34
37+42	42	24	24
41+71	28	18	19
64	17	11	12
40	12	6.2	6.5
74	13	9.4	8.7
70+76	27	19	18
66+95	83	58	52
91	8.7	3.6	5.0
56+60+89	25	16	15
92+84	40	29	26
101	35	24	19
99	13	9.2	7.1
83	3.6	1.7	1.9
97	7.8	5.2	4.5
87+81	30	23	20
85+136	75	52	55
110+77	36	25	20
82	4.7	4.3	1.4
151	6.3	4.1	2.6
135+144+147+124	4.8	3.2	1.9
149+123+107	15	10	6.0
118	23	21	4.7
146	13	5.8	5.0
153+132	15	7.5	6.4
105	4.6	3.1	2.5
141+179	2.3	1.3	0.99
137+176+130	0.39	0.14	0.15
163+138	9.7	5.6	4.6
158	0.94	0.48	0.52
178+129	1.9	0.66	0.67
187+182	9.2	2.9	4.4
183	1.3	0.60	0.60
128	0.97	0.46	0.42
185	1.1	0.26	0.34
174	2.8	1.0	1.4
177	2.3	0.73	0.89
202+171+156	1.4	0.61	0.71

180	1.3	0.50	0.67
199	1.1	0.88	0.14
170+190	1.0	0.30	0.20
201	2.1	0.94	0.42
203+196	1.6	0.13	0.87
195+208	0.74	0.11	0.34
194	0.74	0.10	0.12
206	0.27	0.31	0.086
<i>Sum PCBs</i>	1568	883	878
Surrogate Recoveries(%)			
<i>PCB-23</i>	32	86	35
<i>PCB-65</i>	35	91	44
<i>PCB-166</i>	66	85	52

BAP111302A (afternoon)	BAP111402M (morning)	BAP111402A (afternoon)	SAP111202AM (site A - morning)	SAP111202BM (site B - morning)
147	37	74	587	689
76	23	36	228	252
36	15	22	119	139
67	16	26	214	238
80	25	46	230	268
53	16	27	126	145
40	12	23	131	149
26	7.2	16	95	101
6.5	2.2	4.0	20	24
5.1	2.2	3.1	16	14
55	25	33	124	157
33	16	21	64	86
16	6.6	9.7	30	41
38	13	21	82	110
25	11	18	68	88
20	11	15	43	58
12	5.1	7.8	28	33
6.4	3.1	4.4	12	17
8.8	3.7	6.6	24	26
16	7.6	12	41	46
48	22	32	143	156
4.1	2.2	3.8	16	20
14	4.4	9.1	39	42
24	7.9	15	69	63
17	8.9	13	57	57
6.7	3.2	4.7	20	23
2.0	1.2	1.1	5.8	5.3
4.9	1.9	2.9	12	13
18	8.2	10	38	37
41	20	27	230	120
17	7.5	12	59	65
1.3	0.31	0.93	5.0	5.7
2.5	1.1	1.9	8.3	6.9
2.3	1.1	1.6	9.1	7.4
5.4	2.7	4.3	23	18
3.7	2.3	4.1	24	22
2.9	0.76	1.2	15	10
5.0	2.6	3.9	19	16
1.9	0.82	1.3	7.7	8.6
0.81	0.45	0.75	3.9	3.1
0.23	0.067	0.11	1.8	1.3
3.2	1.9	3.0	13	13
0.39	0.19	0.32	1.3	1.3
0.71	0.26	0.56	1.7	2.2
9.0	1.2	1.7	5.2	4.3
0.37	0.22	0.47	2.4	1.6
0.33	0.10	0.12	0.80	1.0
0.24	0.17	0.19	0.35	0.46
0.44	0.50	0.75	2.8	2.7
1.00	0.32	0.45	1.2	1.2
0.75	0.27	0.64	1.0	1.3

0.28	0.20	0.34	1.1	1.4
0.24	0.058	0.16	0.31	0.56
0.18	0.063	0.093	0.49	0.72
0.26	0.16	0.40	0.68	0.78
0.69	0.29	0.56	0.59	0.84
0.39	0.13	0.19	0.22	0.28
0.41	0.034	0.067	0.24	0.093
0.16	0.030	0.038	0.19	0.13
<hr/> 1010	<hr/> 362	<hr/> 586	<hr/> 3118	<hr/> 3411

28	101	97	85	79
36	101	100	94	85
51	101	101	89	76

SAP111202CM (siteC - morning)	SAP111202AA (site A - afternoon)	SAP111202BA (site B - afternoon)	SAP111202CA (site C - afternoon)	SAP111302AM (site A - morning)
904	1321	793	825	119
318	472	288	505	58
170	225	152	192	31
312	414	267	286	54
304	408	248	308	59
154	220	142	165	35
185	229	143	169	32
119	167	95	98	26
18	31	28	19	7.9
12	25	13	16	7.2
114	167	138	105	39
72	88	79	61	21
42	45	37	29	10
97	117	93	80	27
71	93	68	58	25
59	63	63	47	16
29	41	30	26	11
14	23	18	14	3.7
23	32	28	21	10
36	55	44	35	17
114	159	131	99	49
11	15	25	14	6.0
34	50	36	27	14
53	67	55	41	26
40	54	47	36	19
16	21	19	14	7.4
4.2	5.9	3.8	3.1	1.6
9.8	12	11	7.7	4.2
32	38	35	26	19
102	128	82	71	53
49	61	50	38	19
5.5	8.3	8.0	4.5	1.6
5.8	9.1	7.0	5.1	2.4
7.0	10	5.8	4.9	2.5
17	22	19	13	6.0
18	27	31	19	5.4
12	20	8.0	6.5	4.4
13	18	15	11	5.2
7.7	8.9	8.7	6.0	2.6
2.5	3.3	2.4	1.8	0.95
1.5	1.4	0.35	0.25	0.14
10	13	9.7	7.6	3.7
1.2	1.2	0.81	0.69	0.36
1.3	2.9	0.35	0.53	0.19
3.3	5.5	5.1	3.8	1.4
1.5	1.5	1.4	1.0	0.36
1.1	1.0	0.86	0.62	0.27
0.43	0.35	0.33	0.22	0.087
2.6	2.4	1.4	2.1	1.2
1.2	1.3	1.3	0.94	0.55
0.9	0.9	1.1	0.87	0.52

1.4	1.0	0.79	0.66	0.20
0.38	0.41	1.0	0.39	0.053
0.70	0.23	0.45	0.15	0.071
1.8	0.83	1.1	0.60	0.12
1.4	0.77	1.0	0.57	0.32
0.42	0.29	0.46	0.23	0.21
0.11	0.63	1.9	0.34	0.27
0.34	0.075	0.41	0.13	0.018
<hr/> 3638	<hr/> 5009	<hr/> 3395	<hr/> 3530	<hr/> 869

76	81	76	80	87
85	88	80	84	94
77	81	77	81	88

SAP111302BM (site B - morning)	SAP111302CM (siteC - morning)	SAP111302AA (site A - afternoon)	SAP111302BA (site B - afternoon)
71	113	105	90
34	48	53	39
21	26	28	24
33	50	43	35
41	55	55	42
24	29	34	23
23	24	31	26
17	19	22	18
5.2	5.7	6.5	5.1
3.5	4.6	4.3	3.8
41	45	42	35
21	25	26	22
9	11	11	8.8
27	28	24	20
20	21	18	16
14	20	14	13
9.1	11	10	7.5
3.8	4.7	4.8	3.9
6.2	6.7	7.2	9.0
13	14	15	13
45	46	46	39
5.9	6.5	6.2	5.1
12	11	13	10
22	19	23	17
20	18	19	13
7.7	7.4	8.3	5.7
1.7	1.4	1.8	1.3
4.5	4.3	4.3	3.3
17	17	16	15
57	42	44	44
20	19	18	15
1.4	1.5	1.4	1.3
2.8	2.3	2.5	2.0
2.5	2.2	2.1	2.0
6.9	6.8	6.0	4.9
5.5	5.5	5.4	4.2
4.6	3.6	3.9	3.7
6.7	5.5	5.3	4.2
2.6	2.0	2.0	1.9
1.4	0.91	1.0	0.74
0.14	0.14	0.17	0.14
4.6	3.6	4.2	2.8
0.48	0.33	0.45	0.27
0.57	0.54	0.93	0.53
2.6	2.8	1.8	1.2
0.43	0.41	0.56	0.31
0.31	0.17	0.28	0.21
0.16	0.081	0.16	0.085
1.2	0.47	0.99	1.1
0.59	0.56	0.61	0.56
0.59	0.48	0.55	0.53

0.24	0.22	0.33	0.085
0.083	0.089	0.093	0.048
0.12	0.092	0.13	0.060
0.15	0.15	0.21	0.078
0.32	0.37	0.36	0.39
0.23	0.20	0.23	0.23
0.30	0.18	0.22	0.26
0.063	0.051	0.077	0.053
<hr/> 697	<hr/> 793	<hr/> 797	<hr/> 656

75	79	70	78
84	83	74	84
90	80	75	84

SAP111302CA (site C - afternoon)	SAP111402AM (site A - morning)	SAP111402BM (site B - morning)	SAP111402CM (site C - morning)	SAP111402AA (site A - afternoon)
109	69	68	40	50
54	28	32	25	21
28	19	22	14	13
48	25	30	14	17
52	33	33	25	29
31	18	19	14	15
34	18	20	12	19
24	16	14	6.7	10
6.8	3.4	4.5	1.9	2.7
5.0	3.5	3.4	3.0	2.2
41	27	35	23	23
26	14	16	13	10
12	5.9	7.2	4.8	5.1
27	17	22	13	14
25	15	16	14	9.0
21	13	14	8.7	6.5
12	7.3	8.3	4.6	4.7
4.7	4.5	6.3	2.9	1.3
5.3	5.4	5.0	3.1	4.5
10	10	12	6.9	9.5
35	31	41	22	30
3.9	2.8	5.1	2.2	3.3
9.0	10	10	4.0	7.5
19	20	21	7.9	11
13	14	19	10	14
5.2	4.8	7.1	3.5	5.0
1.3	1.1	1.5	1.0	0.98
3.0	2.8	4.4	2.2	4.6
17	10	15	9.3	12
30	28	30	20	20
14	13	21	8.9	15
1.1	0.9	1.5	0.4	1.1
1.8	1.7	2.4	1.5	2.3
1.8	1.4	2.2	1.3	1.9
4.3	3.9	6.2	3.5	5.3
2.7	3.0	6.3	3.1	5.3
2.6	2.9	1.8	0.86	0.85
3.3	3.5	5.9	2.8	4.6
1.2	1.4	2.3	0.89	1.3
0.48	0.64	0.91	0.51	0.79
0.15	0.07	0.09	0.11	0.20
1.9	2.1	4.1	2.0	2.9
0.18	0.22	0.46	0.21	0.32
0.34	0.30	0.50	0.16	0.22
0.88	1.4	1.7	1.0	0.92
0.18	0.29	0.28	0.20	0.27
0.16	0.15	0.22	0.075	0.09
0.041	0.11	0.060	0.060	0.18
1.0	0.30	0.28	0.22	0.45
0.46	0.37	0.42	0.34	0.39
0.51	0.32	0.31	0.28	0.31

0.13	0.10	0.11	0.09	0.12
0.12	0.048	0.048	0.079	0.053
0.058	0.066	0.053	0.056	0.041
0.13	0.093	0.061	0.097	0.099
0.45	0.27	0.25	0.31	0.29
0.27	0.13	0.14	0.15	0.73
0.28	0.27	0.045	0.082	0.054
0.067	0.025	0.029	0.14	0.058
<hr/> 753	<hr/> 517	<hr/> 600	<hr/> 361	<hr/> 421

84	95	97	96	92
90	97	97	98	100
88	98	100	100	101

SAP111402BA	SAP111402CA
(site B - afternoon)	(site C - afternoon)

39	80
16	31
13	24
16	32
28	46
16	23
16	23
8.8	17
4.6	4.2
6.3	4.1
37	31
13	15
8.4	7.0
18	18
15	12
12	12
6.6	6.8
4.6	4.5
3.4	4.3
8.2	7.9
34	27
4.6	4.2
7.4	7.9
13	15
14	13
5.4	4.6
1.0	1.0
3.4	3.0
12	11
22	27
16	17
1.2	1.7
1.8	1.7
1.7	1.6
5.2	4.5
5.5	4.8
4.1	3.0
6.8	4.4
1.4	1.9
0.79	0.73
0.11	0.088
3.8	3.2
0.36	0.30
0.26	0.37
0.96	0.56
0.41	0.44
0.18	0.26
0.23	0.15
0.49	0.51
0.44	0.53
0.36	0.37

0.23	0.20
0.11	0.079
0.077	0.074
0.12	0.13
0.30	0.30
0.52	0.20
0.049	0.11
0.023	0.18
<hr/>	
461	564

95	99
100	100
100	100