

20 May 2010

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Dear David;

Attached to this narrative are the analytical results you requested on samples submitted for the determination of polychlorinated dibenzo-*p*-dioxins and dibenzofurans and polychlorinated biphenyl congeners. The insert below summarizes the relevant information pertaining to your project. In particular, QC annotations bring to your attention specific analytical observations and assessments made during the sample handling and data interpretation phases. A brief description of the report's components is provided. Results reported relate only to the items tested.

Project Information Summary	When applicable, see QC Annotations for details
<b>Client Project No.</b>	City of New Bedford
<b>AP Project #</b>	<b>P2164</b>
<b>Analytical Protocol</b>	Methods 8290B & 1668A
<b>No. Samples Submitted</b>	16
<b>No. Samples Analyzed</b>	16
<b>No. Laboratory Method Blanks</b>	1
<b>No. OPRs / Batch CS3</b>	1
<b>No. Outstanding Samples</b>	0
<b>Date Received</b>	16-Apr-2010
<b>Condition Received</b>	Good
<b>Temperature upon Receipt (C)</b>	3
<b>Extraction within Holding Time</b>	yes
<b>Analysis within Holding Time</b>	yes
<b>Data meet QA/QC Requirements</b>	yes
<b>Exceptions</b>	none
<b>Analytical Difficulties</b>	none

**QC Annotations:**

1. Please see the attached appendices for a list of data qualifiers and lab identifiers that may be contained in the report.
2. In the dioxin/furan fraction, extraneous peaks were found in some of the ion channels. This had no significant effect on any of the results, except possibly for the tetra-furans.

Analytical Perspectives remains committed to serving you in the most effective manner. Should you have any questions or need additional information and technical support, please do not hesitate to contact us. Thank you for choosing Analytical Perspectives as part of your analytical support team.

Sincerely,



Heather Steele, Ph.D.  
Project Manager

The electronic version of this report contains 1,739 pages.  
(add one page in count for the NELAC compliance statement) (+1)

**P2164**

## Part 1 Narrative

145 pgs

- ✓ Letter
- ✓ QC Annotations
- ✓ Project Information

## Part 2 Path

38 pgs

- ✓ Overview
- ✓ Protocol
- ✓ Extraction
- ✓ Analysis
- ✓ Spike Profile
- ✓ SOPs
- ✓ QC
- ✓ Reporting
- ✓ Special Requirements

Extraction  
Tracking Sheets

Fractionation  
Tracking Sheets

Injection  
Tracking Sheets

## Part 3 Results

D/Fs: 289 pgs  
PCBs: 468 pgs

- ✓ Summary Topsheets
- ✓ Raw Data
- ✓ SICPs
- ✓ Areas
- ✓ Retention Times
- ✓ S/N
- ✓ Ion Abundance Ratios

## Part 4 Performance

D/Fs: 105 pgs  
PCBs: 420 pgs

- ✓ Mass Spectrometry
- ✓ Gas Chromatography
- ✓ Initial Calibration
- ✓ Continuing Calibration
- ✓ BCS<sub>3</sub>, OPR



### Part 4D ICAL

D/Fs: 94 pgs  
PCBs: 154 pgs

### Part 4E OPR

D/Fs: N/A  
PCBs: N/A


#### STATE CERTIFICATION ID #s

ARKANSAS	88-0628
CALIFORNIA	2640
FLORIDA	E87608
LOUISIANA	04024
MICHIGAN	9951
NEW JERSEY	NC005
NORTH CAROLINA	37783
PENNSYLVANIA	68-01849
SOUTH CAROLINA	99054
WASHINGTON	C2027

<b>APPENDIX A: DATA QUALIFIERS / DATA ATTRIBUTES</b>	
<b>*</b>	The reported concentration exceeds the calibration range (upper point of the calibration curve). <sup>1</sup>
<b>&gt;</b>	Indicates high recoveries. Shown with the numeric value at the top of the range. <sup>1</sup>
<b>B</b>	The analyte is found in the method blank, at a level that is $\leq 10x$ the sample concentration.
<b>C</b>	Two or more congeners co-elute. In EDDs C denotes the lowest IUPAC congener in a co-elution group and additional co-eluters for the group are shown with the number of the lowest IUPAC co-eluter.
<b>E</b>	The reported concentration exceeds the calibration range (upper point of the calibration curve).
<b>EMPC</b>	Represents an Estimated Maximum Possible Concentration. EMPC's arise in cases where the signal/noise ratio is not sufficient for peak identification (the determined ion-abundance ratio is outside the allowed theoretical range), or where there is a co-eluting interference.
<b>ETH</b>	Indicates the presence of a diphenyl ether that appears to interfere with the quantitation of a furan. The reported concentration is the maximum.
<b>H/h</b>	If the standard recovery is below the method or SOP specified value "H" is assigned. If the obtained value is less than half the specified value "h" is assigned. <sup>1</sup>
<b>J</b>	Indicates that an analyte has a concentration below the reporting limit (lowest point of the calibration curve).
<b>ND</b>	Indicates a non-detect.
<b>NR</b>	Indicates a value that is not reportable.
<b>PR</b>	Due to interference, the associated congener is poorly resolved.
<b>QI</b>	Indicates the presence of a quantitative interference.
<b>Ra</b>	The new ratio – [Ra] -- for 2,3,7,8-TCDD following the <sup>37</sup> Cl <sub>4</sub> -2,3,7,8-TCDD correction is shown between squared brackets in the DL column. <sup>1</sup>
<b>SI</b>	Denotes "Single Ion Mode" and is utilized for PCBs where the secondary ion trace has a significantly elevated noise level due to background PFK. Responses for such peaks are calculated using an EMPC approach based solely on the primary ion area(s) and may be considered estimates. <sup>1</sup>
<b>U</b>	The analyte was not detected. The estimated detection limit (EDL) may be reported for this analyte.
<b>V</b>	The labeled standard recovery was found to be outside of the method control limits.
<b>X</b>	Indicates results reported from reinjection, refractionation, or repeat analyses.
<b>APPENDIX B: LAB ID IDENTIFIERS</b>	
<b>AR</b>	Indicates use of the archived portion of the sample extract.
<b>CU</b>	Indicates a sample that required additional clean-up prior to MS injection/processing.
<b>D</b>	Indicates a dilution of the sample extract. The number that follows the "D" indicates the dilution factor.
<b>DE</b>	Indicates a dilution performed with the addition of ES (extraction standard) solution.
<b>DUP</b>	Designation for a duplicate sample.
<b>MS</b>	Designation for a matrix spike.
<b>MSD</b>	Designation for a matrix spike duplicate.
<b>RJ</b>	Indicates a reinjection of the sample extract.
<b>S</b>	Indicates a sample split. The number that follows the "S" indicates the split factor.


<sup>1</sup>Denotes data qualifiers/attributes whose use will be phased out over time

**P2164 - TEQ**  
**Project ID: City Of New Bedford**

<b>Sample Summary</b>																	<b>Method 8290</b>		
<b>Part 1 (dry weight)</b>																			
Analyte	0_7746	HG-2 (0-	HG-2 (1-	HG-2 (5-	HB-26	HB-26	HB-26D	HB-26	HF-31D	HF-31D	HF-31D	HF-40	HF-40	HF-40	HF-14	HF-14	HF-14		
	MB001	1)	3)	7)	(0-1)	(1-3)	(1-3)	(3-5)	(0-1)	(1-3)	(4-6)	(0-1)	(1-3)	(3-5)	(0-1)	(1-3)	(3-4)		
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g		
2,3,7,8-TCDD	(0.282)	[0.202]	1.54	[0.722]	0.479	[1.63]	0.958	0.298	[0.116]	[0.271]	[0.117]	(0.217)	[0.151]	1.1	(0.183)	(0.194)	1.24		
1,2,3,7,8-PeCDD	(0.333)	[0.596]	4.03	3.18	0.914	10	4.79	0.908	0.497	0.818	0.809	(0.259)	[0.654]	4.52	0.406	0.481	3.41		
1,2,3,4,7,8-HxCDD	(0.444)	[0.591]	5.27	3.3	0.998	13.2	6.23	1.74	(0.218)	0.891	[0.487]	0.477	0.566	2.49	0.532	0.638	3.32		
1,2,3,6,7,8-HxCDD	(0.425)	2.57	34	21.2	5.04	23.9	18.3	14.1	[1.39]	3.28	1.93	1.16	2.71	12.8	1.48	2.36	23.4		
1,2,3,7,8,9-HxCDD	(0.536)	1.97	13.4	12.6	2.65	15.3	11.2	2.85	0.875	1.72	1.3	0.842	1.16	6.68	1.42	1.39	10.3		
1,2,3,4,6,7,8-HpCDD	(0.615)	57.8	891	742	150	384	349	248	31.6	48.9	14.9	21.3	30.9	120	34.8	49.9	580		
OCDD	(1.25)	688	8380	4760	1830	2500	2590	3190	586	699	109	344	416	1070	556	610	7050		
2,3,7,8-TCDF	(0.164)	6.53	60	31.3	10.6	35.9	29.9	8.26	4.57	7.34	3.63	5.37	23.8	40.7	2.3	8.78	17.6		
1,2,3,7,8-PeCDF	(0.193)	1.49	10.6	8.77	1.65	16.2	7.76	2.92	0.653	1.99	1.85	1.2	3.25	13.6	0.566	[0.66]	5.99		
2,3,4,7,8-PeCDF	(0.192)	4.04	(0.988)	26.9	9.62	62.9	50.5	10.5	3.94	8.68	12.9	3.01	16.9	113	1.8	2.98	33.6		
1,2,3,4,7,8-HxCDF	(0.238)	3.15	33.3	18.8	6.34	37.4	34	9	1.84	4.87	3.87	3.91	41.1	35.3	1.46	2.96	19.6		
1,2,3,6,7,8-HxCDF	(0.226)	2.22	19.5	11.5	3.95	29.8	21.8	6	1.52	3.4	3.45	2.38	20.5	28.8	0.92	1.87	11.5		
2,3,4,6,7,8-HxCDF	(0.235)	2.44	19	12.9	6.01	40.3	30	9.59	2.63	4.81	6.75	2.56	20.9	54.9	1.28	2	19.3		
1,2,3,7,8,9-HxCDF	(0.379)	(0.287)	(0.479)	(0.51)	(0.453)	(0.933)	(0.611)	(0.876)	(0.247)	(0.352)	(0.284)	(0.31)	(0.363)	(0.202)	(0.244)	(0.248)	(0.201)		
1,2,3,4,6,7,8-HpCDF	(0.287)	25.4	233	110	58.7	193	189	792	23.5	51.1	20.9	21	93.9	202	16.2	17.6	150		
1,2,3,4,7,8,9-HpCDF	(0.473)	1.35	19	7.7	2.55	13.7	15.9	6.72	[0.793]	2.06	1.15	[1.65]	26.5	13.1	[0.444]	1.45	11.9		
OCDF	(0.978)	49.8	761	235	59.9	267	333	351	23.4	44	9.84	15.7	52.7	141	18.8	24.8	348		
ITEF TEQ (ND=0; EMPC=0)	<b>0.00</b>	<b>5.57</b>	<b>43.1</b>	<b>40.2</b>	<b>13.4</b>	<b>65.6</b>	<b>52.6</b>	<b>25.3</b>	<b>4.56</b>	<b>9.24</b>	<b>9.51</b>	<b>4.02</b>	<b>21.6</b>	<b>83.3</b>	<b>3.16</b>	<b>5.06</b>	<b>45.4</b>		
ITEF TEQ (ND=0; EMPC=EMPC)	<b>0.00</b>	<b>6.12</b>	<b>43.1</b>	<b>40.9</b>	<b>13.4</b>	<b>67.2</b>	<b>52.6</b>	<b>25.3</b>	<b>4.82</b>	<b>9.51</b>	<b>9.67</b>	<b>4.04</b>	<b>22.1</b>	<b>83.3</b>	<b>3.16</b>	<b>5.09</b>	<b>45.4</b>		
ITEF TEQ (ND=DL/2; EMPC=0)	<b>0.417</b>	<b>5.77</b>	<b>43.4</b>	<b>40.4</b>	<b>13.4</b>	<b>65.8</b>	<b>52.6</b>	<b>25.4</b>	<b>4.68</b>	<b>9.36</b>	<b>9.64</b>	<b>4.21</b>	<b>21.8</b>	<b>83.3</b>	<b>3.26</b>	<b>5.17</b>	<b>45.4</b>		
ITEF TEQ (ND=DL/2; EMPC=EMPC)	<b>0.417</b>	<b>6.14</b>	<b>43.4</b>	<b>41.0</b>	<b>13.4</b>	<b>67.2</b>	<b>52.6</b>	<b>25.4</b>	<b>4.84</b>	<b>9.53</b>	<b>9.69</b>	<b>4.22</b>	<b>22.1</b>	<b>83.3</b>	<b>3.26</b>	<b>5.20</b>	<b>45.4</b>		
ITEF TEQ (ND=DL; EMPC=EMPC)	<b>0.835</b>	<b>6.15</b>	<b>43.6</b>	<b>41.0</b>	<b>13.4</b>	<b>67.3</b>	<b>52.6</b>	<b>25.4</b>	<b>4.86</b>	<b>9.55</b>	<b>9.70</b>	<b>4.41</b>	<b>22.2</b>	<b>83.3</b>	<b>3.37</b>	<b>5.31</b>	<b>45.4</b>		
Checkcode	<b>393-592</b>	<b>241-312</b>	<b>859-072</b>	<b>007-424</b>	<b>132-423</b>	<b>267-789</b>	<b>397-280</b>	<b>219-000</b>	<b>438-353</b>	<b>967-103</b>	<b>153-471</b>	<b>315-064</b>	<b>979-124</b>	<b>107-404</b>	<b>176-397</b>	<b>127-399</b>	<b>260-107</b>		
Lab ID	MB1_7746_DF_SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016		

( ) = DL  
 [ ] = EMPC

**P2164 - TEQ**  
**Project ID: City Of New Bedford**

<b>Sample Summary</b>																<b>Method 8290</b>	
<b>Part 1 (wet weight)</b>																	
Analyte	0_7746	HG-2 (0-	HG-2 (1-	HG-2 (5-	HB-26	HB-26	HB-26D	HB-26	HF-31D	HF-31D	HF-31D	HF-40	HF-40	HF-40	HF-14	HF-14	HF-14
	MB001	1)	3)	7)	(0-1)	(1-3)	(1-3)	(3-5)	(0-1)	(1-3)	(4-6)	(0-1)	(1-3)	(3-5)	(0-1)	(1-3)	(3-4)
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g
2,3,7,8-TCDD	(0.282)	[0.155]	1.22	[0.593]	0.408	[1.29]	0.756	0.209	[0.105]	[0.251]	[0.0909]	(0.217)	[0.138]	1.01	(0.183)	(0.194)	0.942
1,2,3,7,8-PeCDD	(0.333)	[0.458]	3.2	2.61	0.778	7.89	3.78	0.637	0.45	0.757	0.629	(0.259)	[0.597]	4.16	0.337	0.453	2.59
1,2,3,4,7,8-HxCDD	(0.444)	[0.454]	4.18	2.71	0.849	10.4	4.92	1.22	(0.218)	0.825	[0.378]	0.421	0.517	2.29	0.441	0.6	2.52
1,2,3,6,7,8-HxCDD	(0.425)	1.97	27	17.4	4.29	18.9	14.4	9.9	[1.26]	3.04	1.5	1.02	2.47	11.8	1.23	2.22	17.8
1,2,3,7,8,9-HxCDD	(0.536)	1.51	10.6	10.3	2.26	12.1	8.84	2	0.793	1.59	1.01	0.743	1.06	6.15	1.18	1.31	7.83
1,2,3,4,6,7,8-HpCDD	(0.615)	44.4	707	609	128	303	275	174	28.6	45.3	11.6	18.8	28.2	111	28.8	47	441
OCDD	(1.25)	528	6650	3910	1560	1970	2040	2240	531	647	84.7	303	380	985	461	574	5360
2,3,7,8-TCDF	(0.164)	5.02	47.6	25.7	9.02	28.3	23.6	5.8	4.14	6.8	2.82	4.74	21.7	37.5	1.91	8.26	13.4
1,2,3,7,8-PeCDF	(0.193)	1.14	8.42	7.2	1.4	12.8	6.12	2.05	0.592	1.84	1.44	1.06	2.97	12.5	0.469	[0.621]	4.55
2,3,4,7,8-PeCDF	(0.192)	3.1	(0.988)	22.1	8.19	49.6	39.8	7.37	3.57	8.04	10	2.65	15.4	104	1.49	2.8	25.5
1,2,3,4,7,8-HxCDF	(0.238)	2.42	26.4	15.4	5.4	29.5	26.8	6.32	1.67	4.51	3.01	3.45	37.5	32.5	1.21	2.79	14.9
1,2,3,6,7,8-HxCDF	(0.226)	1.7	15.5	9.44	3.36	23.5	17.2	4.21	1.38	3.15	2.68	2.1	18.7	26.5	0.763	1.76	8.74
2,3,4,6,7,8-HxCDF	(0.235)	1.87	15.1	10.6	5.11	31.8	23.7	6.73	2.38	4.45	5.24	2.26	19.1	50.6	1.06	1.88	14.7
1,2,3,7,8,9-HxCDF	(0.379)	(0.287)	(0.479)	(0.51)	(0.453)	(0.933)	(0.611)	(0.876)	(0.247)	(0.352)	(0.284)	(0.31)	(0.363)	(0.202)	(0.244)	(0.248)	(0.201)
1,2,3,4,6,7,8-HpCDF	(0.287)	19.5	185	90.3	50	152	149	556	21.3	47.3	16.2	18.5	85.7	186	13.4	16.6	114
1,2,3,4,7,8,9-HpCDF	(0.473)	1.04	15.1	6.32	2.17	10.8	12.5	4.72	[0.718]	1.91	0.894	[1.46]	24.2	12.1	[0.368]	1.36	9.04
OCDF	(0.978)	38.2	604	193	51	211	263	246	21.2	40.7	7.65	13.8	48.1	130	15.6	23.3	264
ITEF TEQ (ND=0; EMPC=0)	<b>0.00</b>	<b>4.27</b>	<b>34.2</b>	<b>33.0</b>	<b>11.4</b>	<b>51.7</b>	<b>41.5</b>	<b>17.8</b>	<b>4.13</b>	<b>8.56</b>	<b>7.39</b>	<b>3.54</b>	<b>19.8</b>	<b>76.7</b>	<b>2.62</b>	<b>4.76</b>	<b>34.5</b>
ITEF TEQ (ND=0; EMPC=EMPC)	<b>0.00</b>	<b>4.70</b>	<b>34.2</b>	<b>33.6</b>	<b>11.4</b>	<b>53.0</b>	<b>41.5</b>	<b>17.8</b>	<b>4.37</b>	<b>8.81</b>	<b>7.52</b>	<b>3.56</b>	<b>20.2</b>	<b>76.7</b>	<b>2.62</b>	<b>4.79</b>	<b>34.5</b>
ITEF TEQ (ND=DL/2; EMPC=0)	<b>0.417</b>	<b>4.43</b>	<b>34.4</b>	<b>33.1</b>	<b>11.4</b>	<b>51.9</b>	<b>41.5</b>	<b>17.8</b>	<b>4.24</b>	<b>8.66</b>	<b>7.49</b>	<b>3.71</b>	<b>19.9</b>	<b>76.7</b>	<b>2.7</b>	<b>4.87</b>	<b>34.5</b>
ITEF TEQ (ND=DL/2; EMPC=EMPC)	<b>0.417</b>	<b>4.71</b>	<b>34.4</b>	<b>33.6</b>	<b>11.4</b>	<b>53.0</b>	<b>41.5</b>	<b>17.8</b>	<b>4.39</b>	<b>8.82</b>	<b>7.53</b>	<b>3.73</b>	<b>20.2</b>	<b>76.7</b>	<b>2.71</b>	<b>4.89</b>	<b>34.5</b>
ITEF TEQ (ND=DL; EMPC=EMPC)	<b>0.835</b>	<b>4.73</b>	<b>34.6</b>	<b>33.6</b>	<b>11.4</b>	<b>53.1</b>	<b>41.5</b>	<b>17.8</b>	<b>4.41</b>	<b>8.84</b>	<b>7.54</b>	<b>3.89</b>	<b>20.2</b>	<b>76.7</b>	<b>2.79</b>	<b>5.00</b>	<b>34.5</b>
Checkcode	393-592	241-312	859-072	007-424	132-423	267-789	397-280	219-000	438-353	967-103	153-471	315-064	979-124	107-404	176-397	127-399	260-107
Lab ID	MB1_7746_DF_SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016

( ) = DL  
 [ ] = EMPC

**P2164 - WHO-2005-TEQ**  
**Project ID: City Of New Bedford**

**Sample Summary**  
**Part 1 (dry weight)**




**Method 8290**

Analyte	0_7746 MB001	HG-2 (0-1)	HG-2 (1-3)	HG-2 (5-7)	HB-26 (0-1)	HB-26 (1-3)	HB-26D (1-3)	HB-26 (3-5)	HF-31D (0-1)	HF-31D (1-3)	HF-31D (4-6)	HF-40 (0-1)	HF-40 (1-3)	HF-40 (3-5)	HF-14 (0-1)	HF-14 (1-3)	HF-14 (3-4)
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g
2,3,7,8-TCDD	(0.282)	[0.202]	1.54	[0.722]	0.479	[1.63]	0.958	0.298	[0.116]	[0.271]	[0.117]	(0.217)	[0.151]	1.1	(0.183)	(0.194)	1.24
1,2,3,7,8-PeCDD	(0.333)	[0.596]	4.03	3.18	0.914	10	4.79	0.908	0.497	0.818	0.809	(0.259)	[0.654]	4.52	0.406	0.481	3.41
1,2,3,4,7,8-HxCDD	(0.444)	[0.591]	5.27	3.3	0.998	13.2	6.23	1.74	(0.218)	0.891	[0.487]	0.477	0.566	2.49	0.532	0.638	3.32
1,2,3,6,7,8-HxCDD	(0.425)	2.57	34	21.2	5.04	23.9	18.3	14.1	[1.39]	3.28	1.93	1.16	2.71	12.8	1.48	2.36	23.4
1,2,3,7,8,9-HxCDD	(0.536)	1.97	13.4	12.6	2.65	15.3	11.2	2.85	0.875	1.72	1.3	0.842	1.16	6.68	1.42	1.39	10.3
1,2,3,4,6,7,8-HpCDD	(0.615)	57.8	891	742	150	384	349	248	31.6	48.9	14.9	21.3	30.9	120	34.8	49.9	580
OCDD	(1.25)	688	8380	4760	1830	2500	2590	3190	586	699	109	344	416	1070	556	610	7050
2,3,7,8-TCDF	(0.164)	6.53	60	31.3	10.6	35.9	29.9	8.26	4.57	7.34	3.63	5.37	23.8	40.7	2.3	8.78	17.6
1,2,3,7,8-PeCDF	(0.193)	1.49	10.6	8.77	1.65	16.2	7.76	2.92	0.653	1.99	1.85	1.2	3.25	13.6	0.566	[0.66]	5.99
2,3,4,7,8-PeCDF	(0.192)	4.04	(0.988)	26.9	9.62	62.9	50.5	10.5	3.94	8.68	12.9	3.01	16.9	113	1.8	2.98	33.6
1,2,3,4,7,8-HxCDF	(0.238)	3.15	33.3	18.8	6.34	37.4	34	9	1.84	4.87	3.87	3.91	41.1	35.3	1.46	2.96	19.6
1,2,3,6,7,8-HxCDF	(0.226)	2.22	19.5	11.5	3.95	29.8	21.8	6	1.52	3.4	3.45	2.38	20.5	28.8	0.92	1.87	11.5
2,3,4,6,7,8-HxCDF	(0.235)	2.44	19	12.9	6.01	40.3	30	9.59	2.63	4.81	6.75	2.56	20.9	54.9	1.28	2	19.3
1,2,3,7,8,9-HxCDF	(0.379)	(0.287)	(0.479)	(0.51)	(0.453)	(0.933)	(0.611)	(0.876)	(0.247)	(0.352)	(0.284)	(0.31)	(0.363)	(0.202)	(0.244)	(0.248)	(0.201)
1,2,3,4,6,7,8-HpCDF	(0.287)	25.4	233	110	58.7	193	189	792	23.5	51.1	20.9	21	93.9	202	16.2	17.6	150
1,2,3,4,7,8,9-HpCDF	(0.473)	1.35	19	7.7	2.55	13.7	15.9	6.72	[0.793]	2.06	1.15	[1.65]	26.5	13.1	[0.444]	1.45	11.9
OCDF	(0.978)	49.8	761	235	59.9	267	333	351	23.4	44	9.84	15.7	52.7	141	18.8	24.8	348
<b>WHO-2005 TEQ (ND=0; EMPC=0)</b>	<b>0.00</b>	<b>4.21</b>	<b>38.5</b>	<b>32.8</b>	<b>10.6</b>	<b>55.7</b>	<b>42.7</b>	<b>21.1</b>	<b>3.58</b>	<b>7.35</b>	<b>7.22</b>	<b>3.14</b>	<b>17.9</b>	<b>61.8</b>	<b>2.59</b>	<b>4.26</b>	<b>35.0</b>
<b>WHO-2005 TEQ (ND=0; EMPC=EMPC)</b>	<b>0.00</b>	<b>5.07</b>	<b>38.5</b>	<b>33.5</b>	<b>10.6</b>	<b>57.4</b>	<b>42.7</b>	<b>21.1</b>	<b>3.84</b>	<b>7.62</b>	<b>7.39</b>	<b>3.16</b>	<b>18.7</b>	<b>61.8</b>	<b>2.59</b>	<b>4.28</b>	<b>35.0</b>
<b>WHO-2005 TEQ (ND=DL/2; EMPC=0)</b>	<b>0.479</b>	<b>4.49</b>	<b>38.7</b>	<b>32.9</b>	<b>10.6</b>	<b>56.0</b>	<b>42.7</b>	<b>21.2</b>	<b>3.70</b>	<b>7.47</b>	<b>7.35</b>	<b>3.40</b>	<b>18.1</b>	<b>61.8</b>	<b>2.69</b>	<b>4.37</b>	<b>35.0</b>
<b>WHO-2005 TEQ (ND=DL/2; EMPC=EMPC)</b>	<b>0.479</b>	<b>5.08</b>	<b>38.7</b>	<b>33.5</b>	<b>10.6</b>	<b>57.4</b>	<b>42.7</b>	<b>21.2</b>	<b>3.86</b>	<b>7.64</b>	<b>7.40</b>	<b>3.41</b>	<b>18.7</b>	<b>61.8</b>	<b>2.69</b>	<b>4.39</b>	<b>35.0</b>
<b>WHO-2005 TEQ (ND=DL; EMPC=EMPC)</b>	<b>0.957</b>	<b>5.10</b>	<b>38.8</b>	<b>33.5</b>	<b>10.6</b>	<b>57.4</b>	<b>42.7</b>	<b>21.2</b>	<b>3.89</b>	<b>7.66</b>	<b>7.41</b>	<b>3.66</b>	<b>18.7</b>	<b>61.8</b>	<b>2.8</b>	<b>4.50</b>	<b>35.1</b>
Checkcode	393-592	241-312	859-072	007-424	132-423	267-789	397-280	219-000	438-353	967-103	153-471	315-064	979-124	107-404	176-397	127-399	260-107
Lab ID	MB1_7746_DF_SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016

( ) = DL  
[ ] = EMPC


**P2164 - Totals**  
**Project ID: City Of New Bedford**

<b>Sample Summary</b>																	<b>Method 8290</b>		
<b>Part 2 (dry weight)</b>		<b>0_7746</b>	<b>HG-2 (0-</b>	<b>HG-2 (1-</b>	<b>HG-2 (5-</b>	<b>HB-26</b>	<b>HB-26</b>	<b>HB-26D</b>	<b>HB-26</b>	<b>HF-31D</b>	<b>HF-31D</b>	<b>HF-31D</b>	<b>HF-40</b>	<b>HF-40</b>	<b>HF-40</b>	<b>HF-14</b>	<b>HF-14</b>	<b>HF-14</b>	
<b>Analyte</b>	<b>MB001</b>	<b>1)</b>	<b>3)</b>	<b>7)</b>	<b>(0-1)</b>	<b>(1-3)</b>	<b>(1-3)</b>	<b>(3-5)</b>	<b>(0-1)</b>	<b>(1-3)</b>	<b>(4-6)</b>	<b>(0-1)</b>	<b>(1-3)</b>	<b>(3-5)</b>	<b>(0-1)</b>	<b>(1-3)</b>	<b>(3-4)</b>		
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g		
<b>Totals</b>																			
TCDDs	0	3.53	27	14.5	5.49	60.5	25.4	2.57	1.2	2.29	4.04	2.35	4.09	19.4	0.884	1.37	25.2		
PeCDDs	0	10.7	64.8	42.2	15.9	143	60.8	30.5	3.09	14.2	6.41	2.73	10.8	62.4	3.88	3.73	69.8		
HxCDDs	0	35.3	264	206	47.3	360	204	206	15.2	27.6	16.7	7.39	24.3	127	16.5	28.4	243		
HpCDDs	0	113	1650	1320	321	862	866	442	61.4	94.1	27.5	43	58.7	213	76.6	104	1220		
OCDD	0	688	8380	4760	1830	2500	2590	3190	586	699	109	344	416	1070	556	610	7050		
TCDFs	0	49.1	417	293	71.9	454	324	83.3	29.3	78.1	57.5	34.5	141	579	17.8	50.1	212		
PeCDFs	0	47.3	306	235	102	618	459	108	44	85.7	94.6	42.9	182	949	25.2	43.5	299		
HxCDFs	0	37.5	374	210	90.7	540	447	445	36.3	77.5	80	35.5	254	760	19	32.1	304		
HpCDFs	0	58.7	831	319	122	453	469	1500	46.5	103	37.4	37.7	220	426	30.9	47.8	488		
OCDF	0	49.8	761	235	59.9	267	333	351	23.4	44	9.84	15.7	52.7	141	18.8	24.8	348		
<b>Total PCDD/Fs (ND=0; EMPC=0)</b>	<b>0.00</b>	<b>1,090</b>	<b>13,100</b>	<b>7,630</b>	<b>2,670</b>	<b>6,260</b>	<b>5,770</b>	<b>6,370</b>	<b>846</b>	<b>1,230</b>	<b>443</b>	<b>566</b>	<b>1,360</b>	<b>4,350</b>	<b>765</b>	<b>946</b>	<b>10,300</b>		
<b>Total PCDD/Fs (ND=0; EMPC=EMPC)</b>	<b>0.00</b>	<b>1,100</b>	<b>13,100</b>	<b>7,650</b>	<b>2,690</b>	<b>6,280</b>	<b>5,790</b>	<b>6,380</b>	<b>854</b>	<b>1,230</b>	<b>453</b>	<b>580</b>	<b>1,370</b>	<b>4,350</b>	<b>770</b>	<b>953</b>	<b>10,300</b>		
<b>Total PCDD/Fs (2378-X ND=DL; EMPC=EMPC)</b>	<b>7.25</b>	<b>1,100</b>	<b>13,100</b>	<b>7,650</b>	<b>2,690</b>	<b>6,280</b>	<b>5,790</b>	<b>6,380</b>	<b>855</b>	<b>1,230</b>	<b>454</b>	<b>581</b>	<b>1,370</b>	<b>4,350</b>	<b>771</b>	<b>954</b>	<b>10,300</b>		
<b>Total 2378s (ND=0; EMPC=0)</b>	<b>0.00</b>	<b>847</b>	<b>10,500</b>	<b>6,000</b>	<b>2,150</b>	<b>3,640</b>	<b>3,690</b>	<b>4,660</b>	<b>681</b>	<b>883</b>	<b>193</b>	<b>423</b>	<b>751</b>	<b>1,860</b>	<b>638</b>	<b>727</b>	<b>8,290</b>		
<b>Total 2378s (ND=0.5; EMPC=0)</b>	<b>3.62</b>	<b>847</b>	<b>10,500</b>	<b>6,000</b>	<b>2,150</b>	<b>3,640</b>	<b>3,690</b>	<b>4,660</b>	<b>681</b>	<b>883</b>	<b>193</b>	<b>424</b>	<b>752</b>	<b>1,860</b>	<b>638</b>	<b>727</b>	<b>8,290</b>		
<b>Total 2378s (ND=1; EMPC=0)</b>	<b>7.25</b>	<b>848</b>	<b>10,500</b>	<b>6,000</b>	<b>2,150</b>	<b>3,650</b>	<b>3,690</b>	<b>4,660</b>	<b>682</b>	<b>883</b>	<b>193</b>	<b>424</b>	<b>752</b>	<b>1,860</b>	<b>638</b>	<b>728</b>	<b>8,290</b>		
<b>Total 2378s (ND=0; EMPC=1)</b>	<b>0.00</b>	<b>1,690</b>	<b>21,000</b>	<b>12,000</b>	<b>4,300</b>	<b>7,290</b>	<b>7,370</b>	<b>9,320</b>	<b>1,360</b>	<b>1,770</b>	<b>386</b>	<b>848</b>	<b>1,500</b>	<b>3,720</b>	<b>1,280</b>	<b>1,450</b>	<b>16,600</b>		
<b>Total 2378s (ND=0.5; EMPC=1)</b>	<b>3.62</b>	<b>848</b>	<b>10,500</b>	<b>6,000</b>	<b>2,150</b>	<b>3,650</b>	<b>3,690</b>	<b>4,660</b>	<b>683</b>	<b>883</b>	<b>193</b>	<b>425</b>	<b>752</b>	<b>1,860</b>	<b>638</b>	<b>728</b>	<b>8,290</b>		
<b>Total 2378s (ND=1; EMPC=1)</b>	<b>7.25</b>	<b>848</b>	<b>10,500</b>	<b>6,000</b>	<b>2,150</b>	<b>3,650</b>	<b>3,690</b>	<b>4,660</b>	<b>684</b>	<b>883</b>	<b>194</b>	<b>426</b>	<b>752</b>	<b>1,860</b>	<b>639</b>	<b>728</b>	<b>8,290</b>		
Checkcode	393-592	241-312	859-072	007-424	132-423	267-789	397-280	219-000	438-353	967-103	153-471	315-064	979-124	107-404	176-397	127-399	260-107		
Lab ID	MB1_7746_DF.SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016		

( ) = DL  
 [ ] = EMPC




**P2164 - Totals**  
Project ID: City Of New Bedford

<b>Sample Summary</b>																	<b>Method 8290</b>	
<b>Part 2 (wet weight)</b>																		
Analyte	0_7746 MB001	HG-2 (0-1)	HG-2 (1-3)	HG-2 (5-7)	HB-26 (0-1)	HB-26 (1-3)	HB-26D (1-3)	HB-26 (3-5)	HF-31D (0-1)	HF-31D (1-3)	HF-31D (4-6)	HF-40 (0-1)	HF-40 (1-3)	HF-40 (3-5)	HF-14 (0-1)	HF-14 (1-3)	HF-14 (3-4)	
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	
<b>Totals</b>																		
TCDDs	0	2.71	21.4	11.9	4.67	47.8	20	1.81	1.09	2.12	3.14	2.07	3.73	17.9	0.733	1.29	19.2	
PeCDDs	0	8.19	51.4	34.6	13.6	113	48	21.4	2.8	13.1	4.98	2.41	9.86	57.5	3.22	3.51	53	
HxCDDs	0	27.1	209	169	40.2	284	161	145	13.8	25.5	13	6.51	22.2	117	13.7	26.7	185	
HpCDDs	0	86.7	1310	1080	273	680	683	310	55.6	87.1	21.3	37.9	53.6	196	63.5	98.3	929	
OCDD	0	528	6650	3910	1560	1970	2040	2240	531	647	84.7	303	380	985	461	574	5360	
TCDFs	0	37.7	331	241	61.2	358	256	58.5	26.5	72.3	44.7	30.4	129	533	14.7	47.2	161	
PeCDFs	0	36.3	243	193	87	488	362	75.7	39.8	79.3	73.5	37.8	166	874	20.9	41	227	
HxCDFs	0	28.8	297	172	77.2	426	353	313	32.9	71.7	62.1	31.3	232	700	15.8	30.2	231	
HpCDFs	0	45.1	660	262	104	358	370	1060	42.2	95.5	29.1	33.3	200	392	25.6	45	371	
OCDF	0	38.2	604	193	51	211	263	246	21.2	40.7	7.65	13.8	48.1	130	15.6	23.3	264	
<b>Total PCDD/Fs (ND=0; EMPC=0)</b>	<b>0.00</b>	<b>839</b>	<b>10,400</b>	<b>6,260</b>	<b>2,270</b>	<b>4,940</b>	<b>4,560</b>	<b>4,470</b>	<b>767</b>	<b>1,130</b>	<b>345</b>	<b>499</b>	<b>1,240</b>	<b>4,000</b>	<b>634</b>	<b>890</b>	<b>7,800</b>	
<b>Total PCDD/Fs (ND=0; EMPC=EMPC)</b>	<b>0.00</b>	<b>846</b>	<b>10,400</b>	<b>6,280</b>	<b>2,290</b>	<b>4,960</b>	<b>4,570</b>	<b>4,480</b>	<b>774</b>	<b>1,140</b>	<b>352</b>	<b>512</b>	<b>1,250</b>	<b>4,010</b>	<b>638</b>	<b>897</b>	<b>7,800</b>	
<b>Total PCDD/Fs (2378-X ND=DL; EMPC=EMPC)</b>	<b>7.25</b>	<b>846</b>	<b>10,400</b>	<b>6,280</b>	<b>2,290</b>	<b>4,960</b>	<b>4,570</b>	<b>4,480</b>	<b>775</b>	<b>1,140</b>	<b>352</b>	<b>513</b>	<b>1,250</b>	<b>4,010</b>	<b>639</b>	<b>898</b>	<b>7,800</b>	
<b>Total 2378s (ND=0; EMPC=0)</b>	<b>0.00</b>	<b>650</b>	<b>8,330</b>	<b>4,930</b>	<b>1,830</b>	<b>2,870</b>	<b>2,910</b>	<b>3,270</b>	<b>617</b>	<b>817</b>	<b>150</b>	<b>373</b>	<b>686</b>	<b>1,710</b>	<b>529</b>	<b>684</b>	<b>6,300</b>	
<b>Total 2378s (ND=0.5; EMPC=0)</b>	<b>3.62</b>	<b>651</b>	<b>8,330</b>	<b>4,930</b>	<b>1,830</b>	<b>2,880</b>	<b>2,910</b>	<b>3,270</b>	<b>617</b>	<b>818</b>	<b>150</b>	<b>374</b>	<b>686</b>	<b>1,710</b>	<b>529</b>	<b>684</b>	<b>6,300</b>	
<b>Total 2378s (ND=1; EMPC=0)</b>	<b>7.25</b>	<b>651</b>	<b>8,330</b>	<b>4,930</b>	<b>1,830</b>	<b>2,880</b>	<b>2,910</b>	<b>3,270</b>	<b>618</b>	<b>818</b>	<b>150</b>	<b>374</b>	<b>686</b>	<b>1,710</b>	<b>529</b>	<b>685</b>	<b>6,300</b>	
<b>Total 2378s (ND=0; EMPC=1)</b>	<b>0.00</b>	<b>1300</b>	<b>16,700</b>	<b>9,850</b>	<b>3,660</b>	<b>5,750</b>	<b>5,820</b>	<b>6,540</b>	<b>1,240</b>	<b>1,640</b>	<b>300</b>	<b>748</b>	<b>1,370</b>	<b>3,420</b>	<b>1,060</b>	<b>1,370</b>	<b>12,600</b>	
<b>Total 2378s (ND=0.5; EMPC=1)</b>	<b>3.62</b>	<b>651</b>	<b>8,330</b>	<b>4,930</b>	<b>1,830</b>	<b>2,880</b>	<b>2,910</b>	<b>3,270</b>	<b>619</b>	<b>818</b>	<b>150</b>	<b>375</b>	<b>687</b>	<b>1,710</b>	<b>529</b>	<b>685</b>	<b>6,300</b>	
<b>Total 2378s (ND=1; EMPC=1)</b>	<b>7.25</b>	<b>651</b>	<b>8,330</b>	<b>4,930</b>	<b>1,830</b>	<b>2,880</b>	<b>2,910</b>	<b>3,270</b>	<b>619</b>	<b>818</b>	<b>150</b>	<b>376</b>	<b>687</b>	<b>1,710</b>	<b>529</b>	<b>685</b>	<b>6,300</b>	
Checkcode	393-592	241-312	859-072	007-424	132-423	267-789	397-280	219-000	438-353	967-103	153-471	315-064	979-124	107-404	176-397	127-399	260-107	
Lab ID	MB1_7746_DF.SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016	

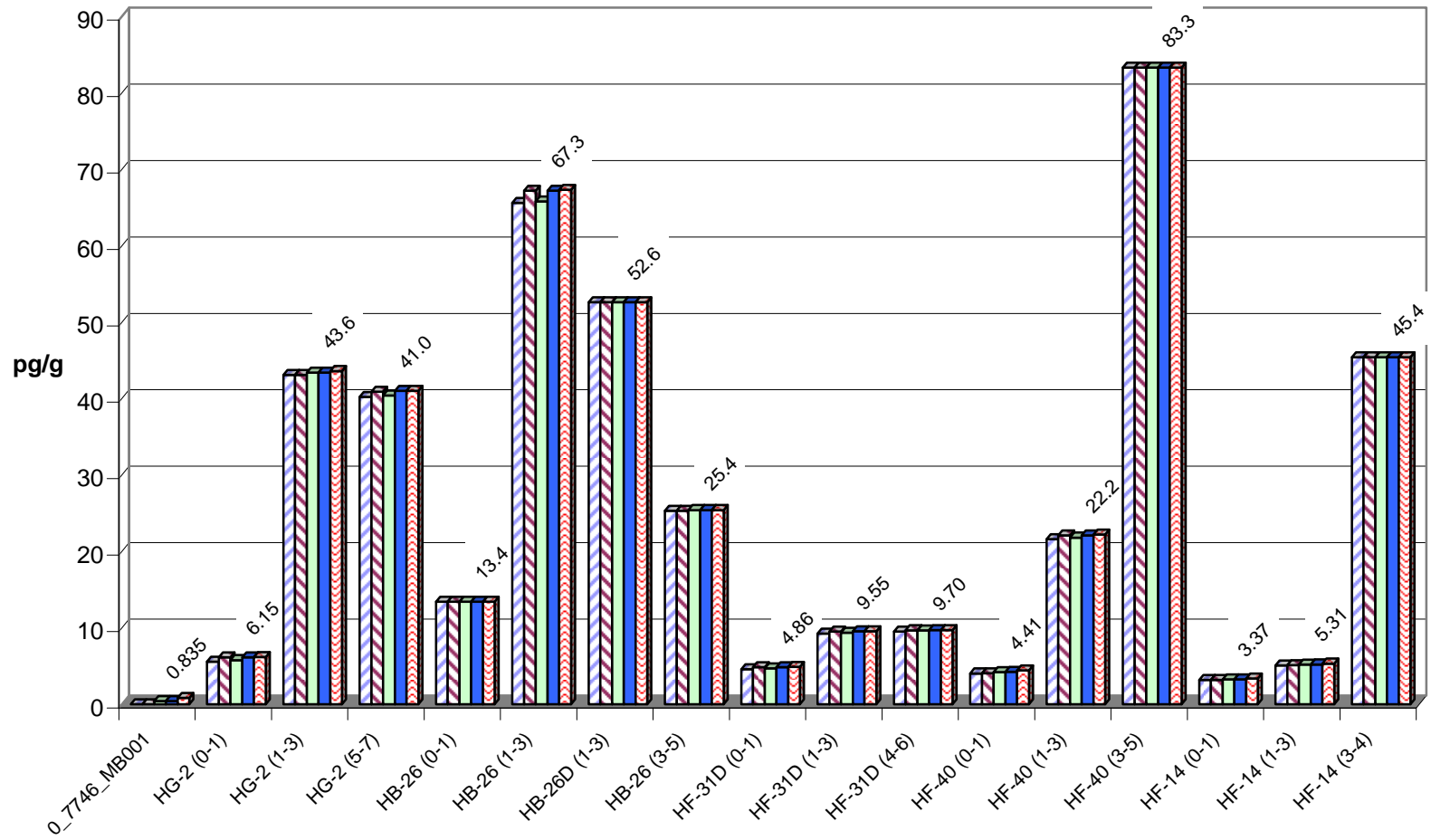
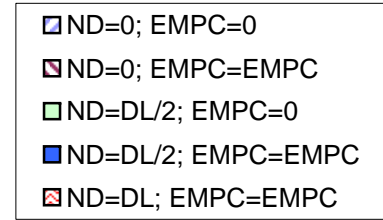
( ) = DL  
[ ] = EMPC

**P2164 - Others**  
**Project ID: City Of New Bedford**

<b>Sample Summary</b>																<b>Method 8290</b>		
<b>Part 3 (dry weight)</b>																		
Analyte	0_7746_	HG-2 (0-	HG-2 (1-	HG-2 (5-	HB-26	HB-26	HB-26D	HB-26	HF-31D	HF-31D	HF-31D	HF-40	HF-40	HF-40	HF-14	HF-14	HF-14	
	MB001	1)	3)	7)	(0-1)	(1-3)	(1-3)	(3-5)	(0-1)	(1-3)	(4-6)	(0-1)	(1-3)	(3-5)	(0-1)	(1-3)	(3-4)	
	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g	pg/g
<b>Other PCDD/Fs (ND=0, EMPC=0)</b>																		
Other TCDD	0	3.53	25.5	14.5	5.01	60.5	24.4	2.28	1.2	2.29	4.04	2.35	4.09	18.3	0.884	1.37	24	
Other PeCDD	0	10.7	60.8	39	15	133	56.1	29.6	2.59	13.4	5.6	2.73	10.8	57.9	3.48	3.24	66.4	
Other HxCDD	0	30.7	211	169	38.6	308	168	188	14.3	21.7	13.5	4.91	19.9	105	13.1	24	206	
Other HpCDD	0	55.1	756	575	170	478	518	193	29.8	45.1	12.6	21.7	27.8	93.4	41.8	54.6	643	
Other TCDF	0	42.5	357	262	61.3	418	295	75.1	24.7	70.8	53.9	29.1	117	538	15.5	41.4	194	
Other PeCDF	0	41.8	267	199	91	539	401	94.5	39.4	75	79.9	38.7	162	823	22.8	40.5	259	
Other HxCDF	0	29.7	294	166	72.4	421	352	417	30.4	63	64.2	25.7	159	628	15.4	24.4	248	
Other HpCDF	0	31.9	579	202	61.1	247	264	705	23	50	15.3	16.7	99.2	211	14.7	28.8	326	
<b>Other PCDD/Fs (ND=0, EMPC=EMPC)</b>																		
Other TCDD	0	4.94	32.5	17.7	7.15	64.2	28.6	5.07	1.49	5.9	4.95	2.35	5.3	21.3	1.2	1.75	24.8	
Other PeCDD	0	11.2	65.8	40.2	16.8	143	62.5	31.2	4.93	13.4	9.52	3.54	14.7	60	3.48	7.76	66.4	
Other HxCDD	0	30.7	211	169	40.9	308	168	188	14.3	25.1	14	10.2	19.9	105	13.3	24	206	
Other HpCDD	0	55.1	756	575	170	478	518	193	29.8	45.1	12.6	21.7	27.8	93.4	41.8	54.6	643	
Other TCDF	0	47.2	357	275	69	419	295	82.8	26.8	71.4	56.1	33.9	118	538	18.6	41.6	194	
Other PeCDF	0	41.8	268	200	92	541	402	94.5	39.7	75	81.6	40.5	164	823	23.6	40.9	259	
Other HxCDF	0	30.3	295	166	75	424	353	419	30.7	63.8	64.4	25.7	159	628	15.4	25.6	248	
Other HpCDF	0	31.9	579	202	62.4	247	264	705	23	50	15.3	16.7	99.2	211	14.7	28.8	326	
Checkcode	393-592	241-312	859-072	007-424	132-423	267-789	397-280	219-000	438-353	967-103	153-471	315-064	979-124	107-404	176-397	127-399	260-107	
Lab ID	MB1_7746_DF_SDS	P2164_7746_001	P2164_7746_002	P2164_7746_003	P2164_7746_004	P2164_7746_005	P2164_7746_006	P2164_7746_007	P2164_7746_008	P2164_7746_009	P2164_7746_010	P2164_7746_011	P2164_7746_012	P2164_7746_013	P2164_7746_014	P2164_7746_015	P2164_7746_016	

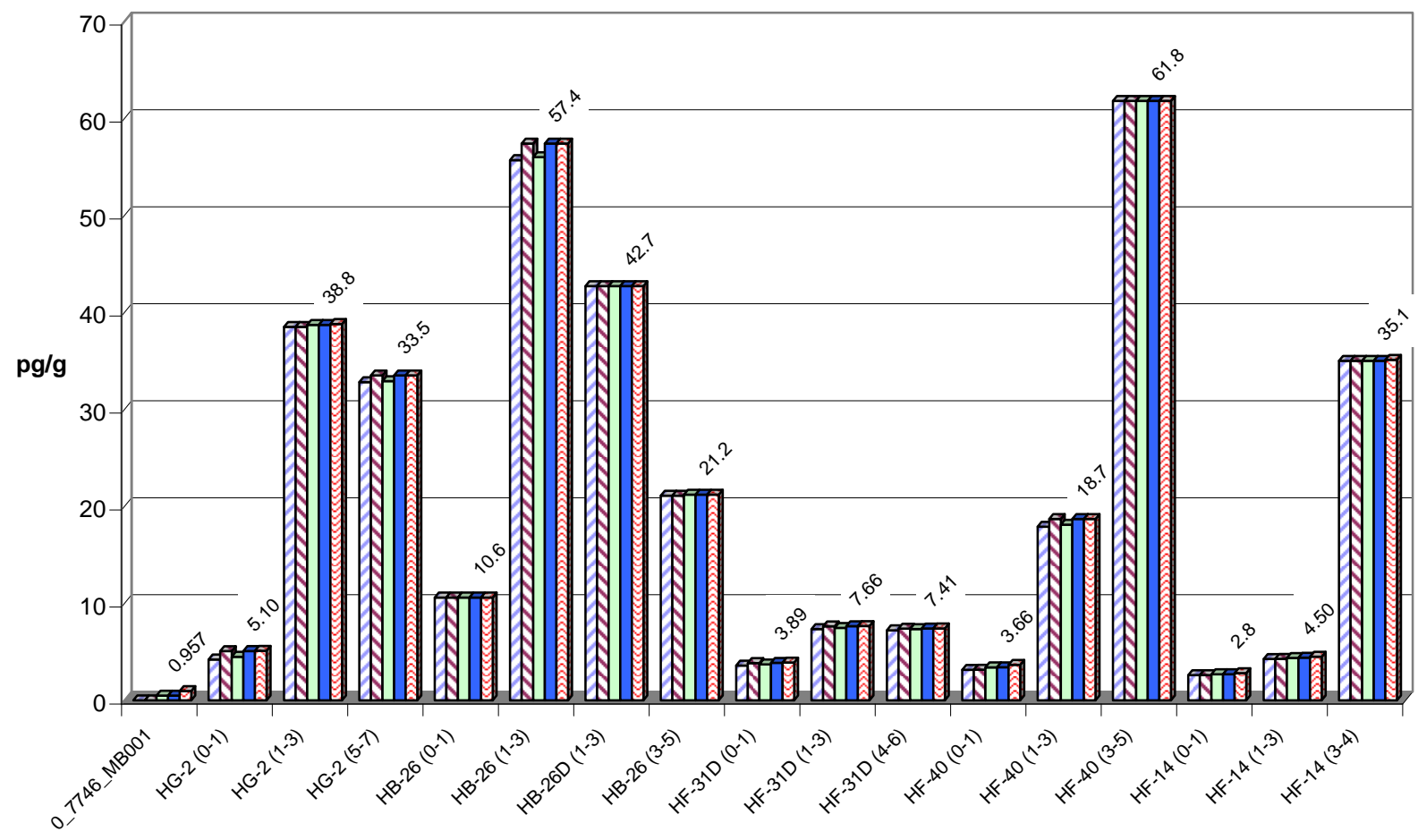
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 [ ] = EMPC

**ITEF-TEQ**  
**Project ID: City Of New Bedford**  
**P2164**



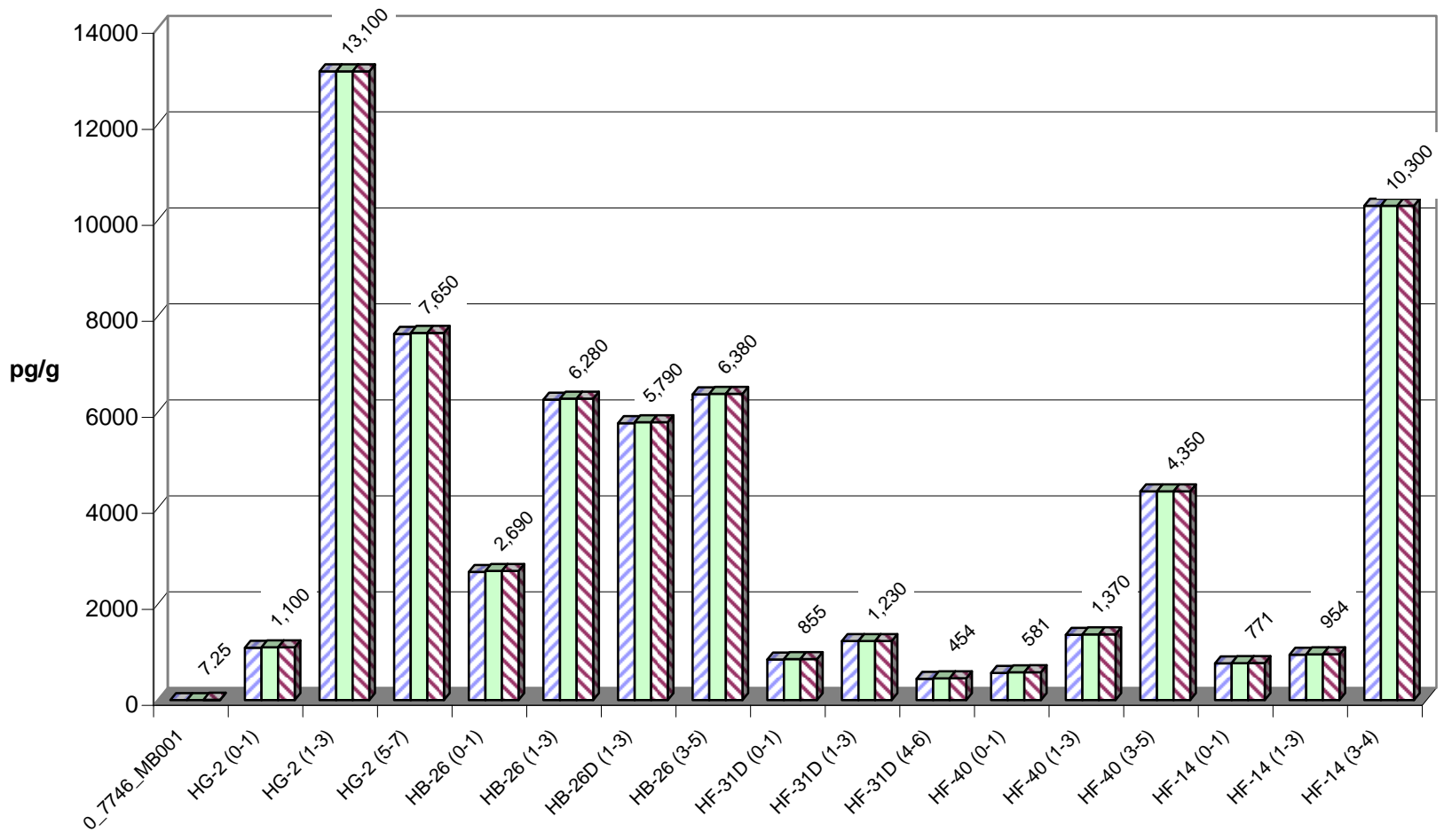
**WHO-2005-TEQ**  
**Project ID: City Of New Bedford**  
**P2164**

- ND=0; EMPC=0
- ▨ ND=0; EMPC=EMPC
- ▩ ND=DL/2; EMPC=0
- ND=DL/2; EMPC=EMPC
- ▤ ND=DL; EMPC=EMPC

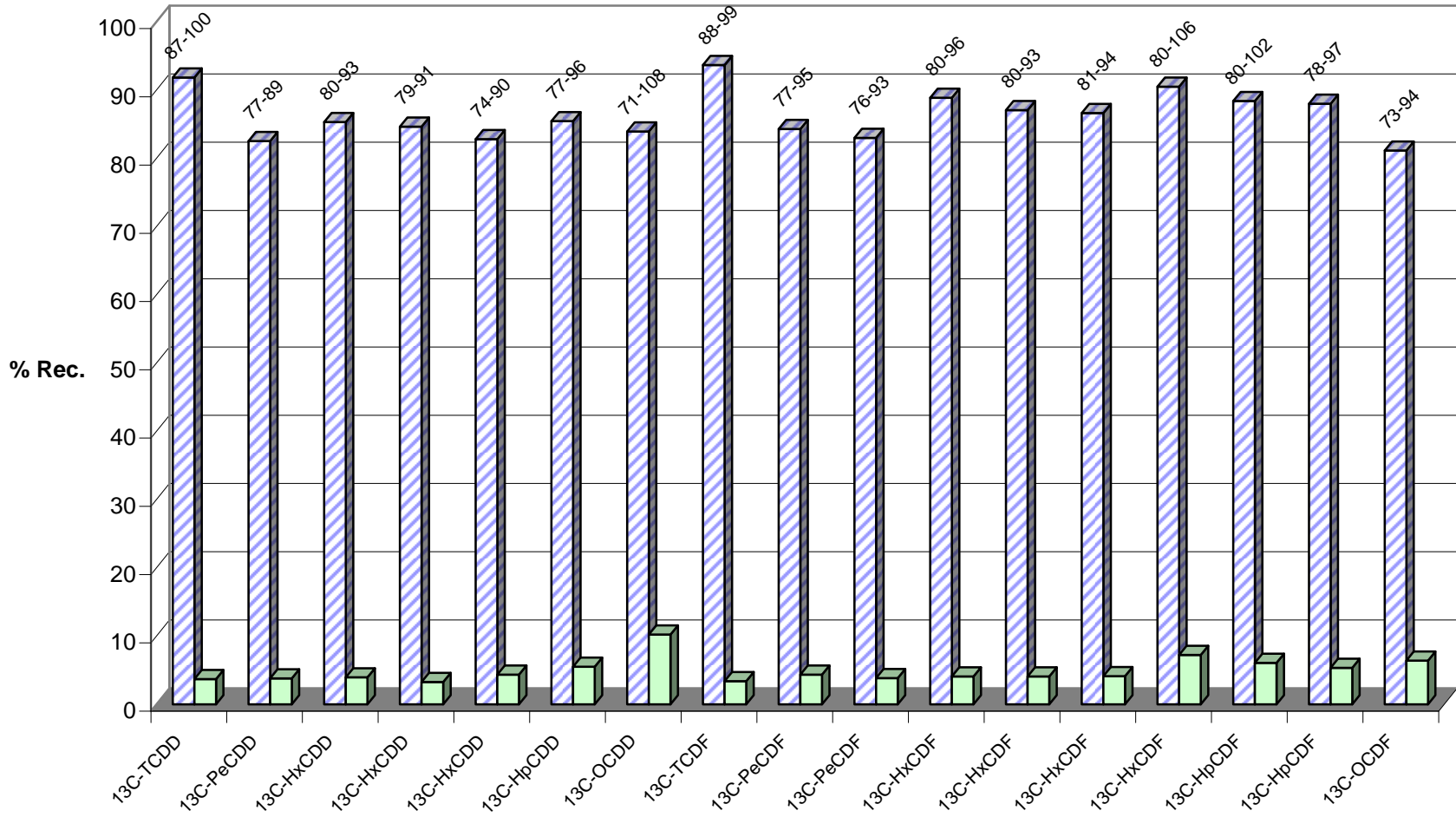
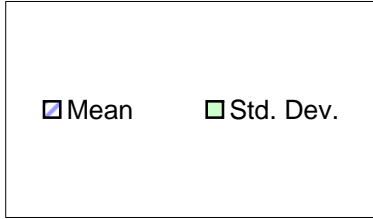


**Totals**  
**Project ID: City Of New Bedford**  
**P2164**

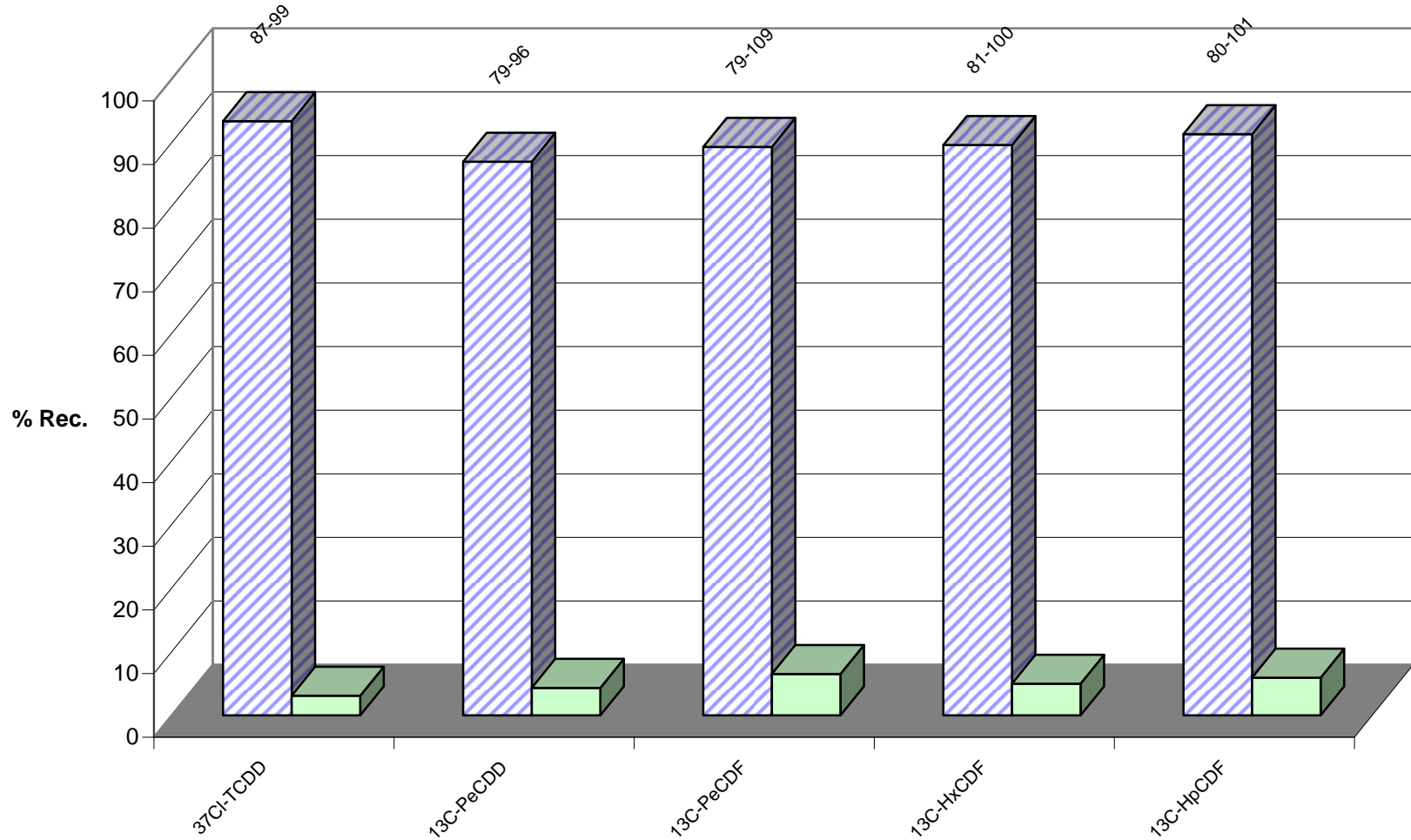
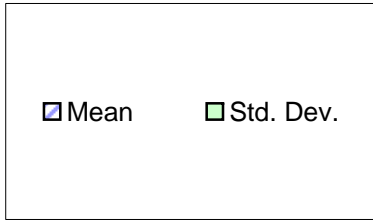
- ▨ Total PCDD/Fs (ND=0; EMPC=0)
- ▨ Total PCDD/Fs (ND=0; EMPC=EMPC)
- ▨ Total PCDD/Fs (2378-X ND=DL; EMPC=EMPC)



**Mean Recoveries of Extraction Standards (N=17)**  
**Project ID: City Of New Bedford**  
**P2164**



**Mean Recoveries of Clean-Up Standards (N=17)**  
**Project ID: City Of New Bedford**  
**P2164**

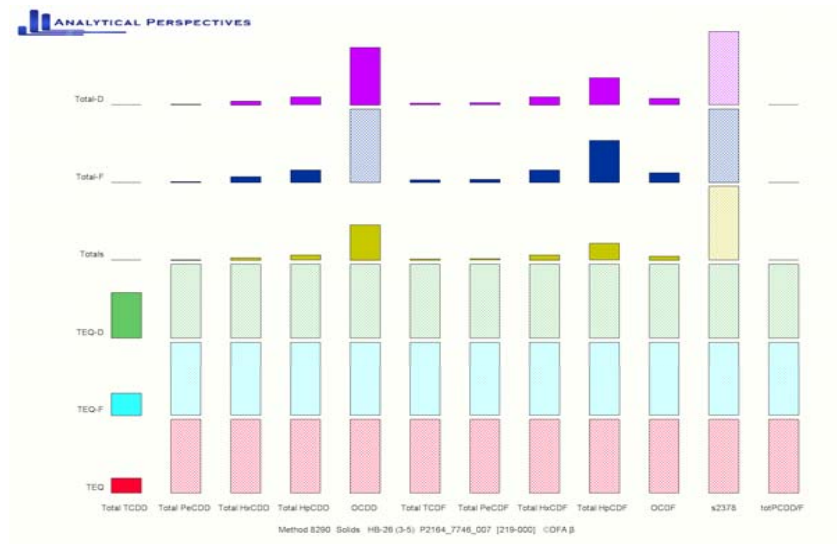
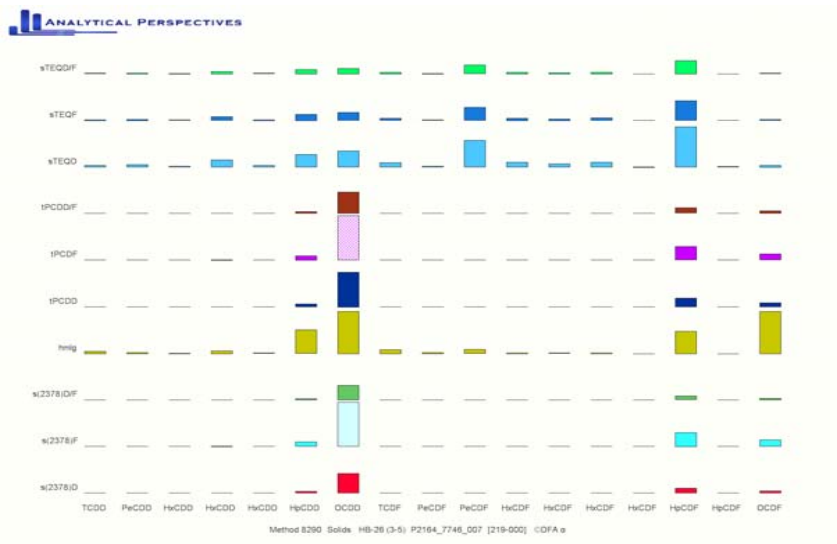
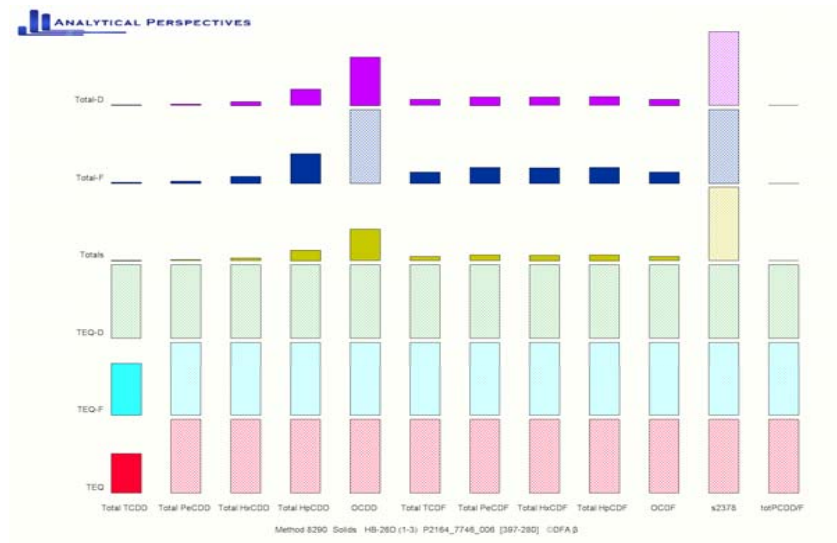
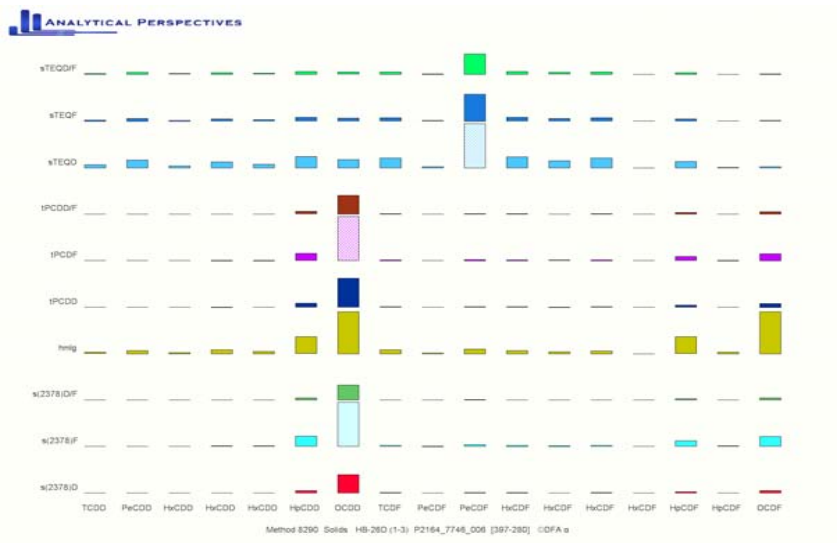


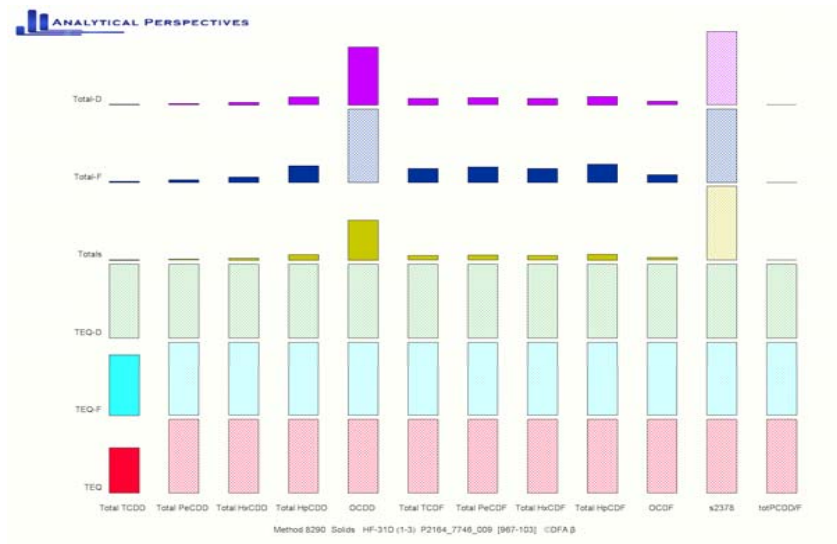
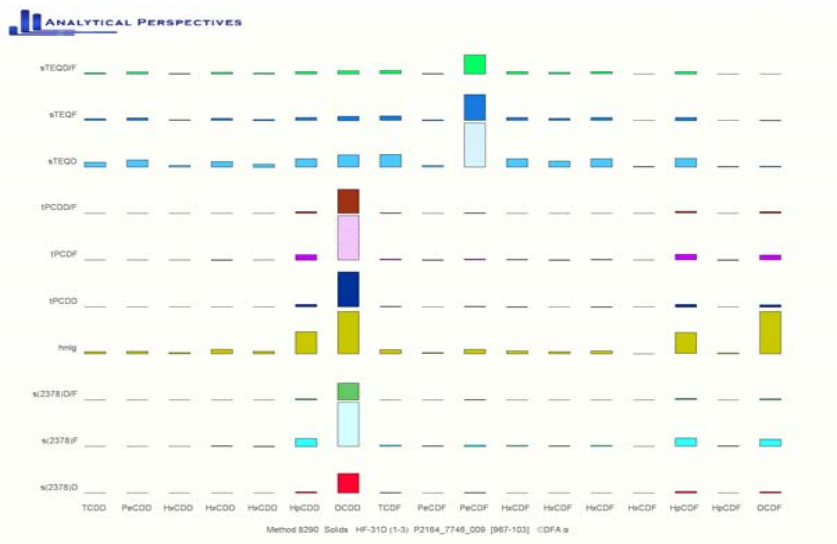
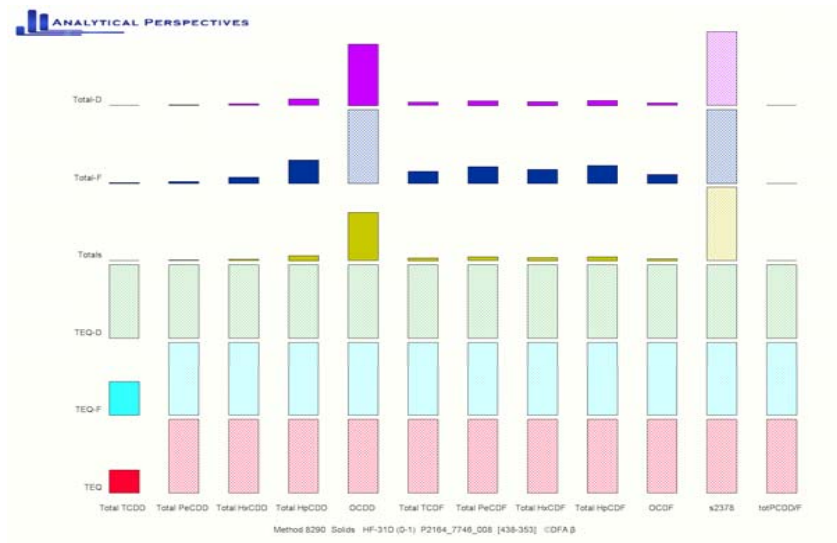
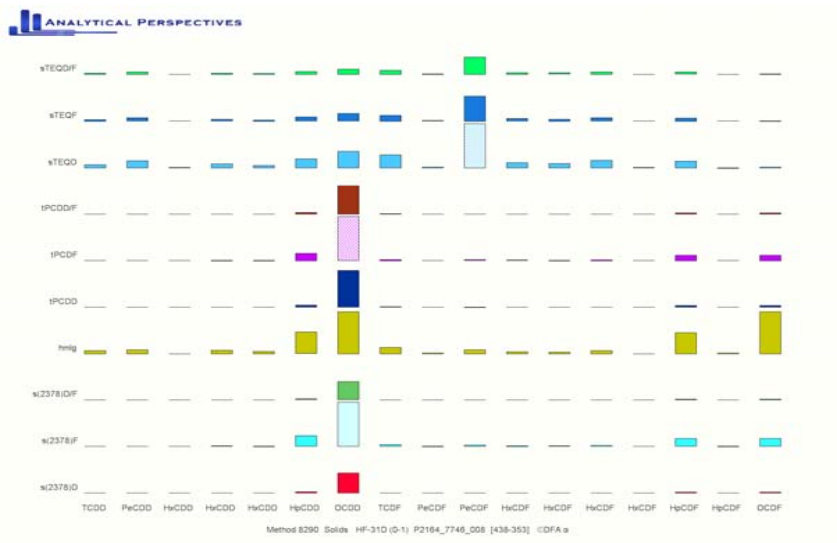






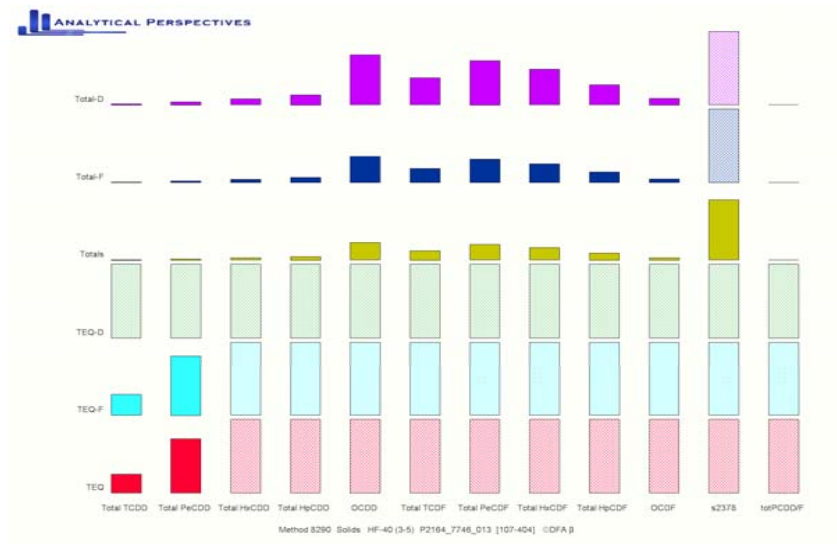
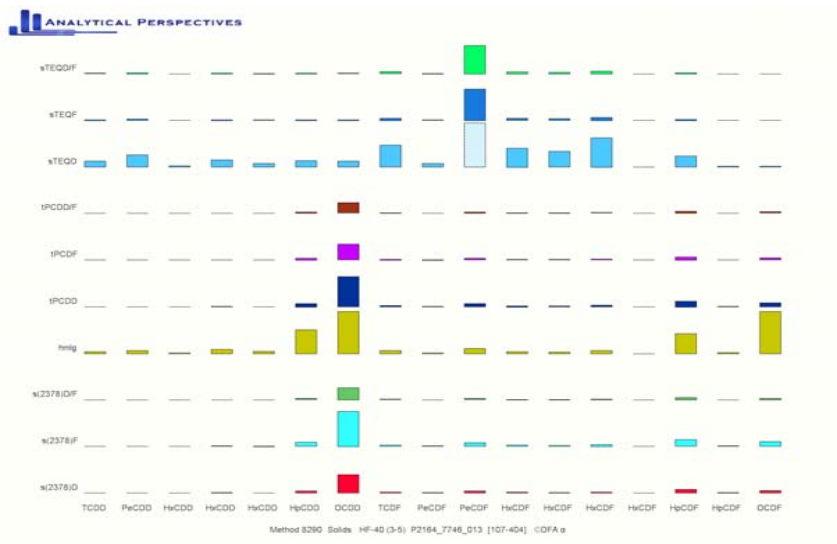
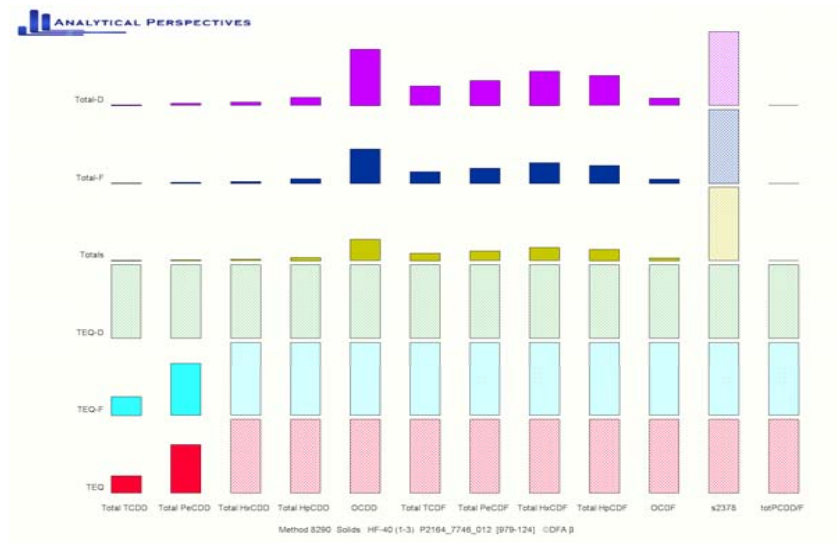
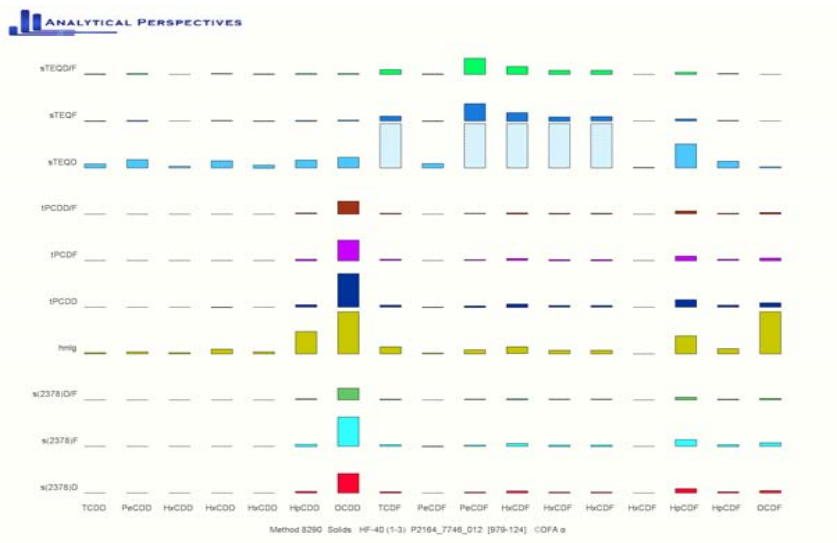


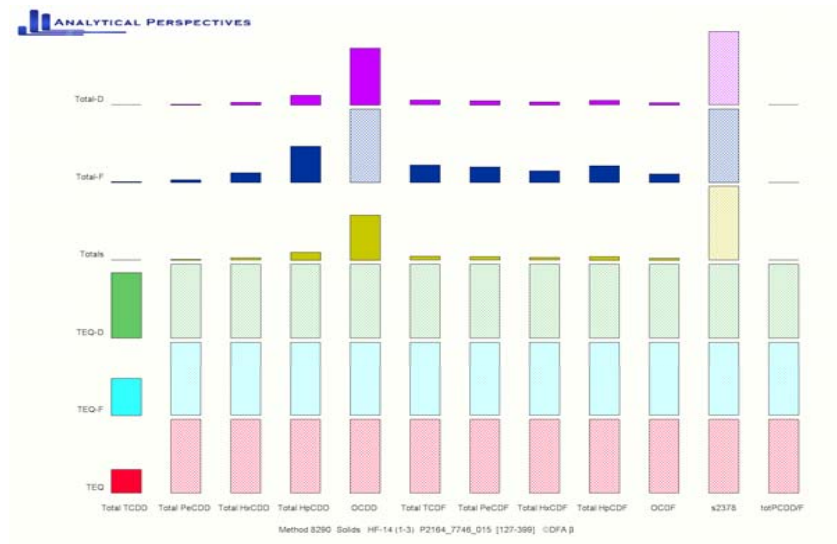
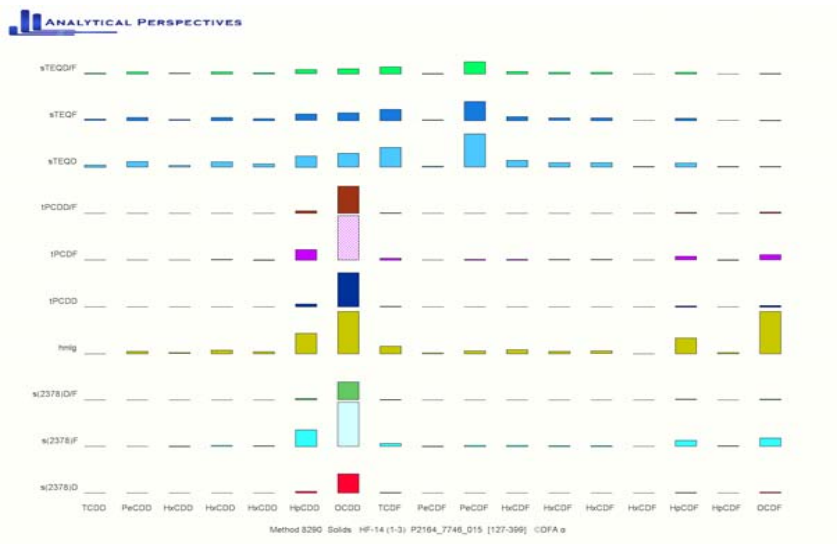
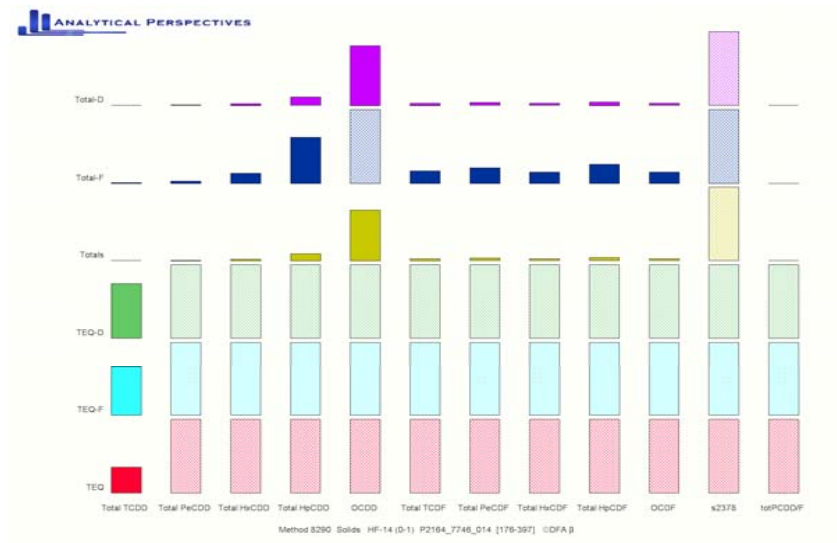
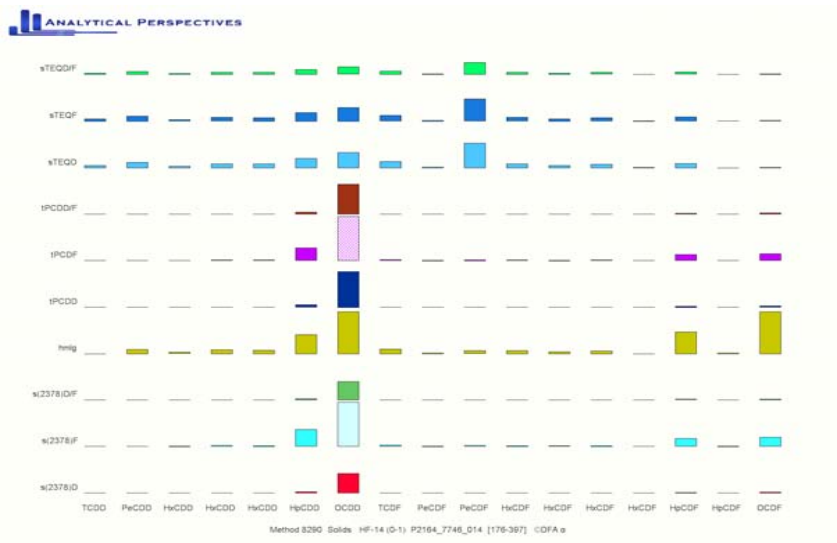
















# Sample ID: 0\_7746\_MB001

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	n/a
Project ID:	City Of New Bedford	Weight/Volume:	6.00 g	Lab Sample ID	MB1_7746_DF_SDS	Date Extracted:	04/May/2010
Date Collected:	n/a	% Solids:	n/a	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	12:47:00
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	ND	0.282			ES 2378-TCDD	89.2	
12378-PeCDD	ND	0.333			ES 12378-PeCDD	83.2	
123478-HxCDD	ND	0.444			ES 123478-HxCDD	79.5	
123678-HxCDD	ND	0.425			ES 123678-HxCDD	83	
123789-HxCDD	ND	0.536			ES 123789-HxCDD	81.1	
1234678-HpCDD	ND	0.615			ES 1234678-HpCDD	83.3	
OCDD	ND	1.25			ES OCDD	71.1	
2378-TCDF	ND	0.164			ES 2378-TCDF	91.1	
12378-PeCDF	ND	0.193			ES 12378-PeCDF	82	
23478-PeCDF	ND	0.192			ES 23478-PeCDF	80.7	
123478-HxCDF	ND	0.238			ES 123478-HxCDF	80.2	
123678-HxCDF	ND	0.226			ES 123678-HxCDF	79.7	
234678-HxCDF	ND	0.235			ES 234678-HxCDF	81.1	
123789-HxCDF	ND	0.379			ES 123789-HxCDF	81.4	
1234678-HpCDF	ND	0.287			ES 1234678-HpCDF	81.3	
1234789-HpCDF	ND	0.473			ES 1234789-HpCDF	85.2	
OCDF	ND	0.978			ES OCDF	72.8	
Totals					Standard	CS/AS Recoveries	
Total TCDD	ND	0.282	ND		CS 37Cl-2378-TCDD	91.6	
Total PeCDD	ND	0.333	ND		CS 12347-PeCDD	85.6	
Total HxCDD	ND	0.464	ND		CS 12346-PeCDF	84.1	
Total HpCDD	ND	0.615	ND		CS 123469-HxCDF	80.6	
Total TCDF	ND	0.164	ND		CS 1234689-HpCDF	85.3	
Total PeCDF	ND	0.193	ND		AS 1368-TCDD	91.4	
Total HxCDF	ND	0.264	ND		AS 1368-TCDF	89.6	
Total HpCDF	ND	0.37	ND				
<b>Total PCDD/Fs</b>	<b>ND</b>		<b>ND</b>				
ITEF TEQs							
TEQ: ND=0	0		0				
TEQ: ND=DL/2	0.417		0.417				
TEQ: ND=DL	0.835		0.835				

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**ANALYTICAL PERSPECTIVES**


Tel: +1 910 794-1613 (Fax: -3919); Toll-Free 866 846-8290

# Sample ID: 0\_7746\_MB001

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	n/a		
Project ID:	City Of New Bedford	Weight/Volume:	6.00 g			Lab Sample ID:	MB1_7746_DF_SDS	Date Extracted:	04/May/2010		
Date Collected:	n/a	% Solids:	n/a			QC Batch No.:	7746	Date Analyzed:	13/May/2010		
		Split:	-			Dilution:	-	Time Analyzed:	12:47:00		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	(0.282)		12479/12468D	(0.333)		124679/124689D	(0.464)		1234679D	(0.615)	
1379D	(0.282)		12469D	(0.333)		123468D	(0.464)		1234678D	(0.615)	
1369D	(0.282)		12368D	(0.333)		123679/123689D	(0.464)				
1469D	(0.282)		12478D	(0.333)		123469D	(0.464)				
1247D...[4]	(0.282)		12379D	(0.333)		123478D	(0.444)				
1378D	(0.282)		12369D...[3]	(0.333)		123678D	(0.425)				
1268D	(0.282)		12346/12347D	(0.333)		123467D	(0.464)				
1478D	(0.282)		12378D	(0.333)		123789D	(0.536)		<b>Conc.</b>	0	
1279D	(0.282)		12367D	(0.333)					<b>EMPC</b>	0	
1234/1269D	(0.282)		12389D	(0.333)							
1236D	(0.282)								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	(0.282)									<b>(pg/g)</b>	
1239D	(0.282)								OCDD	(1.25)	
2378D	(0.282)										
1278D	(0.282)										
1267D	(0.282)										
1289D	(0.282)										
<b>Conc.</b>	0		<b>Conc.</b>	0		<b>Conc.</b>	0				
<b>EMPC</b>	0		<b>EMPC</b>	0		<b>EMPC</b>	0				



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 www.ultratrace.com

ITEF TEQs	Conc.	EMPC
TEQ: ND=0	0	0
TEQ: ND=DL/2	0.417	0.417
TEQ: ND=DL	0.835	0.835
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	0	0

Checkcode: 393-592

Report Created: 14-May-2010 09:54 Analyst: MC

# Sample ID: 0\_7746\_MB001

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: n/a		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 6.00 g			Lab Sample ID: MB1_7746_DF_SDS			Date Analyzed: 13/May/2010		
Date Collected: n/a			% Solids: n/a			QC Batch No.: 7746			Time Analyzed: 12:47:00		
Split: -			Dilution: -								
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	(0.164)		13468/12468F	(0.235)		123468F	(0.264)		1234678F	(0.287)	
1468F	(0.164)		13678F...[3]	(0.193)		124678/134678F	(0.264)		1234679F	(0.37)	
2468F	(0.164)		12368F...[3]	(0.193)		134679F	(0.264)		1234689F	(0.37)	
1346/1246F	(0.164)		14678F	(0.193)		124679F	(0.264)		1234789F	(0.473)	
1347F...[3]	(0.164)		13479F	(0.193)		124689F	(0.264)				
1348F	(0.164)		13469/12479F	(0.193)		123467F	(0.264)				
1248F...[3]	(0.164)		12346F	(0.193)		123478F	(0.238)				
1268F	(0.164)		23468/12469F	(0.193)		123678F	(0.226)				
1467F	(0.164)		12347F	(0.193)		123479F	(0.264)				
1478F	(0.164)		12348F	(0.193)		123469F	(0.264)				
1369/1237F	(0.164)		12378F	(0.193)		123679F	(0.264)				
2467F	(0.164)		12678/12367F	(0.193)		234678F	(0.235)		<b>Conc.</b>	0	
2368F	(0.164)		12379F	(0.193)		234678/123689F	(0.235)		<b>EMPC</b>	0	
1238F...[5]	(0.164)		12679F	(0.193)		123689F	(0.264)				
1278F	(0.164)		23467/12369F	(0.193)		123789F	(0.379)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	(0.164)		23478F	(0.192)		123789/123489F	(0.379)			(pg/g)	
1267F	(0.164)		23478/12489F	(0.192)		123489F	(0.264)		<b>OCDF</b>	(0.978)	
2346/1249F	(0.164)		12489F	(0.193)							
2347/1279F	(0.164)		12349F	(0.193)							
2348F	(0.164)		12389F	(0.193)							
2378F	(0.164)										
2367/3467F	(0.164)										
1269F	(0.164)										
1239F	(0.164)										
1289F	(0.164)										
<b>Conc.</b>	0		<b>Conc.</b>	0		<b>Conc.</b>	0				
<b>EMPC</b>	0		<b>EMPC</b>	0		<b>EMPC</b>	0				

Checkcode: 393-592

Report Created: 14-May-2010 09:54 Analyst: MC


**Sample ID: 0\_7746\_MB001**

**TEQ Summary**

**Method 8290**

Client Project Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Sample ID:	MB1_7746_DF_SDS
Client Project ID:	City Of New Bedford	Weight/Volume:	6.00 g	QC Batch No.:	7746
Date Collected:	n/a	Split:	-	Date Extracted:	04/May/2010
Date Received:	n/a	Dilution:	-	Date Analyzed:	13 May 2010 12:47
Lab Project No:	P2164	Units	pg/g		

Analyte	Result	Qualifiers	DLs	I-TEQ	WHO-1998	WHO-2005
2378-TCDD	(0.282)		0.282	(0.282)	(0.282)	(0.282)
12378-PeCDD	(0.333)		0.333	(0.167)	(0.333)	(0.333)
123478-HxCDD	(0.444)		0.444	(0.0444)	(0.0444)	(0.0444)
123678-HxCDD	(0.425)		0.425	(0.0425)	(0.0425)	(0.0425)
123789-HxCDD	(0.536)		0.536	(0.0536)	(0.0536)	(0.0536)
1234678-HpCDD	(0.615)		0.615	(0.00615)	(0.00615)	(0.00615)
OCDD	(1.25)		1.25	(0.00125)	(0.000125)	(0.000375)
2378-TCDF	(0.164)		0.164	(0.0164)	(0.0164)	(0.0164)
12378-PeCDF	(0.193)		0.193	(0.00965)	(0.00965)	(0.00579)
23478-PeCDF	(0.192)		0.192	(0.096)	(0.096)	(0.0576)
123478-HxCDF	(0.238)		0.238	(0.0238)	(0.0238)	(0.0238)
123678-HxCDF	(0.226)		0.226	(0.0226)	(0.0226)	(0.0226)
234678-HxCDF	(0.235)		0.235	(0.0235)	(0.0235)	(0.0235)
123789-HxCDF	(0.379)		0.379	(0.0379)	(0.0379)	(0.0379)
1234678-HpCDF	(0.287)		0.287	(0.00287)	(0.00287)	(0.00287)
1234789-HpCDF	(0.473)		0.473	(0.00473)	(0.00473)	(0.00473)
OCDF	(0.978)		0.978	(0.000978)	(0.0000978)	(0.000293)

 <p>2714 Exchange Drive Wilmington, NC 28405, USA Tel: +1 910 794-1613; Toll-Free 866 846-8290 Fax: +1 910 794-3919 info@ultratrace.com www.ultratrace.com</p>	<b>TEQ Summaries</b>			
	EMPC = 0, ND = 0	0	0	0
	EMPC = 0, ND = DL / 2	0.417	0.5	0.479
	EMPC = 0, ND = DL	0.835	0.999	0.958
	EMPC = 0, < J-level = 0	0	0	0
	EMPC = EMPC, ND = 0	0	0	0
	EMPC = EMPC, ND = DL / 2	0.417	0.5	0.479
	EMPC = EMPC, ND = DL	0.835	0.999	0.958
EMPC = EMPC, < J-level = 0	0	0	0	

# Sample ID: HG-2 (0-1)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	9.96 g	Lab Sample ID:	P2164_7746_001	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	76.8 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	13:37:27
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=0.93]	0.202	J	ES 2378-TCDD	88.7	
12378-PeCDD	EMPC		0.596	J	ES 12378-PeCDD	87.6	
123478-HxCDD	EMPC		0.591	J	ES 123478-HxCDD	86.5	
123678-HxCDD	2.57				ES 123678-HxCDD	86.6	
123789-HxCDD	1.97			J	ES 123789-HxCDD	82.9	
1234678-HpCDD	57.8				ES 1234678-HpCDD	85.4	
OCDD	688				ES OCDD	80.4	
2378-TCDF	6.53				ES 2378-TCDF	91.7	
12378-PeCDF	1.49			J	ES 12378-PeCDF	87.7	
23478-PeCDF	4.04				ES 23478-PeCDF	86.1	
123478-HxCDF	3.15				ES 123478-HxCDF	89.7	
123678-HxCDF	2.22			J	ES 123678-HxCDF	87.9	
234678-HxCDF	2.44			J	ES 234678-HxCDF	85.1	
123789-HxCDF	ND	0.287			ES 123789-HxCDF	88.8	
1234678-HpCDF	25.4				ES 1234678-HpCDF	93.8	
1234789-HpCDF	1.35			J	ES 1234789-HpCDF	88	
OCDF	49.8				ES OCDF	80.7	
Totals					Standard	CS/AS Recoveries	
Total TCDD	3.53		5.14		CS 37Cl-2378-TCDD	91.1	
Total PeCDD	10.7		11.8		CS 12347-PeCDD	91.4	
Total HxCDD	35.3		35.9		CS 12346-PeCDF	88.2	
Total HpCDD	113		113		CS 123469-HxCDF	87.7	
Total TCDF	49.1		53.7		CS 1234689-HpCDF	92.5	
Total PeCDF	47.3		47.3		AS 1368-TCDD	84.6	
Total HxCDF	37.5		38.1		AS 1368-TCDF	90.1	
Total HpCDF	58.7		58.7				
<b>Total PCDD/Fs</b>	<b>1090</b>		<b>1100</b>				
ITEF TEQs							
TEQ: ND=0	5.57		6.12				
TEQ: ND=DL/2	5.77		6.14				
TEQ: ND=DL	5.97		6.15				

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# Sample ID: HG-2 (0-1)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>					
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010	
Project ID:	City Of New Bedford	Weight/Volume:		9.96 g		Lab Sample ID:	P2164_7746_001	Date Extracted:	04/May/2010	
Date Collected:	15/Apr/2010	% Solids:		76.8 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010	
		Split:		-		Dilution:	-	Time Analyzed:	13:37:27	

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	1.9		12479/12468D	3.71		124679/124689D	5.99		1234679D	55.1	
1379D	[0.914]		12469D	0.639	J	123468D	2.67		1234678D	57.8	
1369D	0.491	J	12368D	1.61	J	123679/123689D	9.01				
1469D	(0.209)		12478D	0.831	J	123469D	12.5				
1247D...[4]	0.489	J	12379D	2.88		123478D	[0.591]	J			
1378D	[0.308]	J	12369D...[3]	1	J	123678D	2.57				
1268D	[0.183]	J	12346/12347D	[0.525]	J	123467D	0.552	J			
1478D	(0.209)		12378D	[0.596]	J	123789D	1.97	J	<b>Conc.</b>	113	
1279D	0.291	J	12367D	(0.281)					<b>EMPC</b>	113	
1234/1269D	(0.209)		12389D	(0.281)							
1236D	(0.209)								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	0.358	J								<b>(pg/g)</b>	
1239D	(0.209)								OCDD	688	
2378D	[0.202]	J									
1278D	(0.209)										
1267D	(0.209)										
1289D	(0.209)										
<b>Conc.</b>	3.53		<b>Conc.</b>	10.7		<b>Conc.</b>	35.3				
<b>EMPC</b>	5.14		<b>EMPC</b>	11.8		<b>EMPC</b>	35.9				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	5.57	6.12
TEQ: ND=DL/2	5.77	6.14
TEQ: ND=DL	5.97	6.15
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	1,090	1,100

Checkcode: 241-312

Report Created: 14-May-2010 09:54 Analyst: MC

# Sample ID: HG-2 (0-1)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 9.96 g			Lab Sample ID: P2164_7746_001			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 76.8 %			QC Batch No.: 7746			Time Analyzed: 13:37:27		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	0.71		13468/12468F	8.23		123468F	3.12		1234678F	25.4	
1468F	1.21		13678F...[3]	3.58		124678/134678F	12		1234679F	1.15	J
2468F	3.21		12368F...[3]	9.87		134679F	(0.212)		1234689F	30.8	
1346/1246F	1.77		14678F	1.54	J	124679F	0.599	J	1234789F	1.35	J
1347F...[3]	3.41		13479F	(0.342)		124689F	11.4				
1348F	0.827		13469/12479F	0.813	J	123467F	1.62	J			
1248F...[3]	2.27		12346F	0.718	J	123478F	3.15				
1268F	1.78		23468/12469F	2.78		123678F	2.22	J			
1467F	1.97		12347F	0.582	J	123479F	[0.392]	J			
1478F	3.15		12348F	0.628	J	123469F	0.372	J			
1369/1237F	[0.572]		12378F	1.49	J	123679F	[0.238]	J			
2467F	0.965		12678/12367F	2.93		234678F	2.44	J	<b>Conc.</b>	58.7	
2368F	2.68		12379F	(0.342)		234678/123689F	(0.197)		<b>EMPC</b>	58.7	
1238F...[5]	1.66		12679F	(0.342)		123689F	(0.212)				
1278F	2.55		23467/12369F	2.95		123789F	(0.287)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	1.19		23478F	4.04		123789/123489F	(0.287)			(pg/g)	
1267F	1.99		23478/12489F	(0.34)		123489F	0.613	J	<b>OCDF</b>	49.8	
2346/1249F	3.76		12489F	(0.342)							
2347/1279F	0.987		12349F	7.17							
2348F	1.56		12389F	(0.342)							
2378F	6.53										
2367/3467F	4.88										
1269F	[0.716]										
1239F	(0.299)										
1289F	[3.37]										
<b>Conc.</b>	49.1		<b>Conc.</b>	47.3		<b>Conc.</b>	37.5				
<b>EMPC</b>	53.7		<b>EMPC</b>	47.3		<b>EMPC</b>	38.1				

Checkcode: 241-312

Report Created: 14-May-2010 09:54 Analyst: MC





# Sample ID: HG-2 (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	6.19 g	Lab Sample ID:	P2164_7746_002	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	79.4 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	14:27:53
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	1.54	[Ra=0.72]			ES 2378-TCDD	98.9	
12378-PeCDD	4.03			J	ES 12378-PeCDD	89.1	
123478-HxCDD	5.27				ES 123478-HxCDD	88	
123678-HxCDD	34				ES 123678-HxCDD	85.2	
123789-HxCDD	13.4				ES 123789-HxCDD	84.4	
1234678-HpCDD	891				ES 1234678-HpCDD	92.2	
OCDD	8380				ES OCDD	102	
2378-TCDF	60				ES 2378-TCDF	99.4	
12378-PeCDF	10.6				ES 12378-PeCDF	95.4	
23478-PeCDF	ND	0.988			ES 23478-PeCDF	92.8	
123478-HxCDF	33.3				ES 123478-HxCDF	90.4	
123678-HxCDF	19.5				ES 123678-HxCDF	87.9	
234678-HxCDF	19				ES 234678-HxCDF	86.8	
123789-HxCDF	ND	0.479			ES 123789-HxCDF	105	
1234678-HpCDF	233				ES 1234678-HpCDF	96	
1234789-HpCDF	19				ES 1234789-HpCDF	93.3	
OCDF	761				ES OCDF	91.4	
Totals					Standard	CS/AS Recoveries	
Total TCDD	27		34		CS 37Cl-2378-TCDD	98.2	
Total PeCDD	64.8		69.8		CS 12347-PeCDD	92.4	
Total HxCDD	264		264		CS 12346-PeCDF	109	
Total HpCDD	1650		1650		CS 123469-HxCDF	88.7	
Total TCDF	417		417		CS 1234689-HpCDF	99.9	
Total PeCDF	306		307		AS 1368-TCDD	87.4	
Total HxCDF	374		375		AS 1368-TCDF	92.9	
Total HpCDF	831		831				
<b>Total PCDD/Fs</b>	<b>13100</b>		<b>13100</b>				
ITEF TEQs							
TEQ: ND=0	43.1		43.1				
TEQ: ND=DL/2	43.4		43.4				
TEQ: ND=DL	43.6		43.6				

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**ANALYTICAL PERSPECTIVES**


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# Sample ID: HG-2 (1-3)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>					
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010	
Project ID:	City Of New Bedford	Weight/Volume:		6.19 g		Lab Sample ID:	P2164_7746_002	Date Extracted:	04/May/2010	
Date Collected:	15/Apr/2010	% Solids:		79.4 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010	
		Split:		-		Dilution:	-	Time Analyzed:	14:27:53	

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	9.64		12479/12468D	23.2		124679/124689D	55.6		1234679D	756	
1379D	4.68		12469D	[2.84]	J	123468D	21.4		1234678D	891	
1369D	[1.28]		12368D	10.4		123679/123689D	103				
1469D	(0.336)		12478D	4.9		123469D	24.8				
1247D...[4]	3.4		12379D	7.96		123478D	5.27				
1378D	[2.33]		12369D...[3]	6.48		123678D	34				
1268D	1.52		12346/12347D	5.3		123467D	5.89				
1478D	0.565	J	12378D	4.03	J	123789D	13.4		<b>Conc.</b>	1,650	
1279D	[1.51]		12367D	2.54	J				<b>EMPC</b>	1,650	
1234/1269D	1.99		12389D	[2.17]	J						
1236D	[0.631]	J							<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	2.23									<b>(pg/g)</b>	
1239D	[0.727]	J							OCDD	8380	
2378D	1.54										
1278D	1.43										
1267D	(0.336)										
1289D	[0.533]	J									
<b>Conc.</b>	27		<b>Conc.</b>	64.8		<b>Conc.</b>	264				
<b>EMPC</b>	34		<b>EMPC</b>	69.8		<b>EMPC</b>	264				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	43.1	43.1
TEQ: ND=DL/2	43.4	43.4
TEQ: ND=DL	43.6	43.6
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	13,100	13,100

Checkcode: 859-072

Report Created: 14-May-2010 09:54 Analyst: MC

# Sample ID: HG-2 (1-3)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 6.19 g			Lab Sample ID: P2164_7746_002			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 79.4 %			QC Batch No.: 7746			Time Analyzed: 14:27:53		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	6.15		13468/12468F	52.6		123468F	18.5		1234678F	233	
1468F	8.14		13678F...[3]	21.9		124678/134678F	97.5		1234679F	7.06	
2468F	19.3		12368F...[3]	72.9		134679F	(0.531)		1234689F	572	
1346/1246F	12.5		14678F	(1)		124679F	3.83	J	1234789F	19	
1347F...[3]	20.6		13479F	11.7		124689F	159				
1348F	6.48		13469/12479F	3.82	J	123467F	11				
1248F...[3]	17.3		12346F	3.99	J	123478F	33.3				
1268F	15.4		23468/12469F	19.1		123678F	19.5				
1467F	12.2		12347F	4.6		123479F	1.3	J			
1478F	18.7		12348F	4.84		123469F	2.39	J			
1369/1237F	4.46		12378F	10.6		123679F	[0.974]	J			
2467F	8.12		12678/12367F	20.4		234678F	19		<b>Conc.</b>	831	
2368F	22.5		12379F	(1)		234678/123689F	(0.563)		<b>EMPC</b>	831	
1238F...[5]	14.6		12679F	1.48	J	123689F	(0.531)				
1278F	37.3		23467/12369F	16.8		123789F	(0.479)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	3.96		23478F	(0.988)		123789/123489F	8.95			<b>(pg/g)</b>	
1267F	15.7		23478/12489F	28.8		123489F	(0.531)		<b>OCDF</b>	761	
2346/1249F	34		12489F	(1)							
2347/1279F	7.6		12349F	32.6							
2348F	14		12389F	[1.3]	J						
2378F	60										
2367/3467F	40.7										
1269F	4.44										
1239F	(0.781)										
1289F	13.1										
<b>Conc.</b>	417		<b>Conc.</b>	306		<b>Conc.</b>	374				
<b>EMPC</b>	417		<b>EMPC</b>	307		<b>EMPC</b>	375				


Checkcode: 859-072

Report Created: 14-May-2010 09:54 Analyst: MC

<b>Sample ID: HG-2 (1-3)</b>	<b>TEQ Summary</b>	<b>Method 8290</b>
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Client Project Name: TRC Companies, Inc.	Matrix: Solids	Lab Sample ID: P2164_7746_002
Client Project ID: City Of New Bedford	Weight/Volume: 6.19 g	QC Batch No.: 7746
Date Collected: 15/Apr/2010	Split: -	Date Extracted: 04/May/2010
Date Received: 16/Apr/2010	Dilution: -	Date Analyzed: 13 May 2010 14:27
Lab Project No: P2164	Units: pg/g	

Analyte	Result	Qualifiers	DLs	I-TEQ	WHO-1998	WHO-2005
2378-TCDD	1.54		0.336	1.54	1.54	1.54
12378-PeCDD	4.03	J	0.639	2.02	4.03	4.03
123478-HxCDD	5.27		0.57	0.527	0.527	0.527
123678-HxCDD	34		0.611	3.4	3.4	3.4
123789-HxCDD	13.4		0.804	1.34	1.34	1.34
1234678-HpCDD	891		0.584	8.91	8.91	8.91
OCDD	8380		1.01	8.38	0.838	2.51
2378-TCDF	60		0.781	6	6	6
12378-PeCDF	10.6		1.02	0.529	0.529	0.317
23478-PeCDF	(0.988)		0.988	(0.494)	(0.494)	(0.296)
123478-HxCDF	33.3		0.579	3.33	3.33	3.33
123678-HxCDF	19.5		0.504	1.95	1.95	1.95
234678-HxCDF	19		0.563	1.9	1.9	1.9
123789-HxCDF	(0.479)		0.479	(0.0479)	(0.0479)	(0.0479)
1234678-HpCDF	233		0.285	2.33	2.33	2.33
1234789-HpCDF	19		0.479	0.19	0.19	0.19
OCDF	761		0.674	0.761	0.0761	0.228

 <p>2714 Exchange Drive Wilmington, NC 28405, USA Tel: +1 910 794-1613; Toll-Free 866 846-8290 Fax: +1 910 794-3919 info@ultratrace.com www.ultratrace.com</p>	<b>TEQ Summaries</b>			
	EMPC = 0, ND = 0	43.1	36.9	38.5
	EMPC = 0, ND = DL / 2	43.4	37.2	38.7
	EMPC = 0, ND = DL	43.6	37.4	38.8
	EMPC = 0, < J-level = 0	41.1	32.9	34.5
	EMPC = EMPC, ND = 0	43.1	36.9	38.5
	EMPC = EMPC, ND = DL / 2	43.4	37.2	38.7
	EMPC = EMPC, ND = DL	43.6	37.4	38.8
	EMPC = EMPC, < J-level = 0	41.1	32.9	34.5

# Sample ID: HG-2 (5-7)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	7.76 g	Lab Sample ID:	P2164_7746_003	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	82.1 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	15:18:18
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=0.59]	0.722		ES 2378-TCDD	91.4	
12378-PeCDD	3.18			J	ES 12378-PeCDD	87.2	
123478-HxCDD	3.3				ES 123478-HxCDD	84.7	
123678-HxCDD	21.2				ES 123678-HxCDD	84.7	
123789-HxCDD	12.6				ES 123789-HxCDD	87.2	
1234678-HpCDD	742				ES 1234678-HpCDD	89.4	
OCDD	4760				ES OCDD	79.8	
2378-TCDF	31.3				ES 2378-TCDF	94.5	
12378-PeCDF	8.77				ES 12378-PeCDF	86.6	
23478-PeCDF	26.9				ES 23478-PeCDF	85.8	
123478-HxCDF	18.8				ES 123478-HxCDF	90.2	
123678-HxCDF	11.5				ES 123678-HxCDF	86.9	
234678-HxCDF	12.9				ES 234678-HxCDF	86.2	
123789-HxCDF	ND	0.51			ES 123789-HxCDF	88.7	
1234678-HpCDF	110				ES 1234678-HpCDF	88.7	
1234789-HpCDF	7.7				ES 1234789-HpCDF	89	
OCDF	235				ES OCDF	75.7	
Totals					Standard	CS/AS Recoveries	
Total TCDD	14.5		18.4		CS 37Cl-2378-TCDD	94.7	
Total PeCDD	42.2		43.4		CS 12347-PeCDD	95.9	
Total HxCDD	206		206		CS 12346-PeCDF	86	
Total HpCDD	1320		1320		CS 123469-HxCDF	89.8	
Total TCDF	293		307		CS 1234689-HpCDF	93.4	
Total PeCDF	235		236		AS 1368-TCDD	93.5	
Total HxCDF	210		210		AS 1368-TCDF	93.8	
Total HpCDF	319		319				
<b>Total PCDD/Fs</b>	<b>7630</b>		<b>7650</b>				
ITEF TEQs							
TEQ: ND=0	40.2		40.9				
TEQ: ND=DL/2	40.4		41				
TEQ: ND=DL	40.5		41				

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# Sample ID: HG-2 (5-7)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford	Weight/Volume:		7.76 g		Lab Sample ID:	P2164_7746_003	Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010	% Solids:		82.1 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010		
		Split:		-		Dilution:	-	Time Analyzed:	15:18:18		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	5.15		12479/12468D	13.3		124679/124689D	42.1		1234679D	575	
1379D	2.63		12469D	2.43	J	123468D	10.6		1234678D	742	
1369D	0.946		12368D	5.09		123679/123689D	87.5				
1469D	0.346	J	12478D	3.49		123469D	24.6				
1247D...[4]	1.49		12379D	6.16		123478D	3.3				
1378D	1.71		12369D...[3]	5.4		123678D	21.2				
1268D	[0.592]	J	12346/12347D	1.64	J	123467D	4.44				
1478D	[0.447]	J	12378D	3.18	J	123789D	12.6		<b>Conc.</b>	1,320	
1279D	[0.955]		12367D	[1.21]	J				<b>EMPC</b>	1,320	
1234/1269D	0.803		12389D	1.44	J						
1236D	0.382	J							<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	[0.947]									<b>(pg/g)</b>	
1239D	[0.281]	J							OCDD	4760	
2378D	[0.722]										
1278D	1.04										
1267D	(0.267)										
1289D	(0.267)										
<b>Conc.</b>	14.5		<b>Conc.</b>	42.2		<b>Conc.</b>	206				
<b>EMPC</b>	18.4		<b>EMPC</b>	43.4		<b>EMPC</b>	206				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	40.2	40.9
TEQ: ND=DL/2	40.4	41
TEQ: ND=DL	40.5	41
<b>Total PCDD/Fs</b>	<b>Conc.</b> 7,630	<b>EMPC</b> 7,650

Checkcode: 007-424

Report Created: 14-May-2010 09:55 Analyst: MC

# Sample ID: HG-2 (5-7)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 7.76 g			Lab Sample ID: P2164_7746_003			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 82.1 %			QC Batch No.: 7746			Time Analyzed: 15:18:18		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	12.9		13468/12468F	53.9		123468F	13.5		1234678F	110	
1468F	6.85		13678F...[3]	17		124678/134678F	61.1		1234679F	3.9	
2468F	18.3		12368F...[3]	61.7		134679F	0.877	J	1234689F	198	
1346/1246F	5.82		14678F	8.01		124679F	2.35	J	1234789F	7.7	
1347F...[3]	21.2		13479F	(0.485)		124689F	76.7				
1348F	5.32		13469/12479F	2.68	J	123467F	5.31				
1248F...[3]	18.5		12346F	1.85	J	123478F	18.8				
1268F	16		23468/12469F	17.5		123678F	11.5				
1467F	11.5		12347F	1.67	J	123479F	0.793	J			
1478F	19.6		12348F	2.83	J	123469F	1.33	J			
1369/1237F	3.41		12378F	8.77		123679F	0.634	J			
2467F	5.74		12678/12367F	15.3		234678F	12.9		<b>Conc.</b>	319	
2368F	19.9		12379F	(0.485)		234678/123689F	(0.378)		<b>EMPC</b>	319	
1238F...[5]	[8.94]		12679F	1.34	J	123689F	(0.384)				
1278F	23.5		23467/12369F	7.09		123789F	(0.51)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	(0.42)		23478F	26.9		123789/123489F	(0.51)			(pg/g)	
1267F	12.3		23478/12489F	(0.486)		123489F	3.9		<b>OCDF</b>	235	
2346/1249F	9.33		12489F	(0.485)							
2347/1279F	[4.11]		12349F	8.42							
2348F	7.65		12389F	[0.854]	J						
2378F	31.3										
2367/3467F	31.4										
1269F	3.9										
1239F	[0.259]	J									
1289F	8.91										
<b>Conc.</b>	293		<b>Conc.</b>	235		<b>Conc.</b>	210				
<b>EMPC</b>	307		<b>EMPC</b>	236		<b>EMPC</b>	210				

Checkcode: 007-424

Report Created: 14-May-2010 09:55 Analyst: MC





# Sample ID: HB-26 (0-1)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.61 g	Lab Sample ID:	P2164_7746_004	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	85.1 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	16:08:43
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	0.479	[Ra=0.82]			ES 2378-TCDD	88.8	
12378-PeCDD	0.914			J	ES 12378-PeCDD	78.5	
123478-HxCDD	0.998			J	ES 123478-HxCDD	81.5	
123678-HxCDD	5.04				ES 123678-HxCDD	81.8	
123789-HxCDD	2.65				ES 123789-HxCDD	81.2	
1234678-HpCDD	150				ES 1234678-HpCDD	86.2	
OCDD	1830				ES OCDD	82	
2378-TCDF	10.6				ES 2378-TCDF	91.7	
12378-PeCDF	1.65			J	ES 12378-PeCDF	80.6	
23478-PeCDF	9.62				ES 23478-PeCDF	79.3	
123478-HxCDF	6.34				ES 123478-HxCDF	86.5	
123678-HxCDF	3.95				ES 123678-HxCDF	85.3	
234678-HxCDF	6.01				ES 234678-HxCDF	82.2	
123789-HxCDF	ND	0.453			ES 123789-HxCDF	84.1	
1234678-HpCDF	58.7				ES 1234678-HpCDF	89	
1234789-HpCDF	2.55				ES 1234789-HpCDF	93.3	
OCDF	59.9				ES OCDF	81.7	
Totals					Standard	CS/AS Recoveries	
Total TCDD	5.49		7.63		CS 37Cl-2378-TCDD	90.9	
Total PeCDD	15.9		17.7		CS 12347-PeCDD	85.7	
Total HxCDD	47.3		49.6		CS 12346-PeCDF	85.1	
Total HpCDD	321		321		CS 123469-HxCDF	85.3	
Total TCDF	71.9		79.6		CS 1234689-HpCDF	94.6	
Total PeCDF	102		103		AS 1368-TCDD	88.4	
Total HxCDF	90.7		93.2		AS 1368-TCDF	89.6	
Total HpCDF	122		124				
<b>Total PCDD/Fs</b>	<b>2670</b>		<b>2690</b>				
ITEF TEQs							
TEQ: ND=0	13.4		13.4				
TEQ: ND=DL/2	13.4		13.4				
TEQ: ND=DL	13.4		13.4				

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# Sample ID: HB-26 (0-1)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>					
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010	
Project ID:	City Of New Bedford	Weight/Volume:		11.61 g		Lab Sample ID:	P2164_7746_004	Date Extracted:	04/May/2010	
Date Collected:	15/Apr/2010	% Solids:		85.1 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010	
		Split:		-		Dilution:	-	Time Analyzed:	16:08:43	

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	2.08		12479/12468D	6.71		124679/124689D	12.9		1234679D	170	
1379D	0.882		12469D	0.66	J	123468D	4.26		1234678D	150	
1369D	(0.208)		12368D	3.03		123679/123689D	20.5				
1469D	(0.208)		12478D	[1.42]	J	123469D	[2.34]				
1247D...[4]	0.831		12379D	1.49	J	123478D	0.998	J			
1378D	[0.705]		12369D...[3]	1.49	J	123678D	5.04				
1268D	(0.208)		12346/12347D	0.674	J	123467D	0.981	J			
1478D	(0.208)		12378D	0.914	J	123789D	2.65		<b>Conc.</b>	321	
1279D	[0.286]	J	12367D	0.958	J				<b>EMPC</b>	321	
1234/1269D	[0.463]		12389D	[0.369]	J						
1236D	[0.385]	J							<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	[0.302]	J								<b>(pg/g)</b>	
1239D	(0.208)								OCDD	1830	
2378D	0.479										
1278D	0.78										
1267D	0.435										
1289D	(0.208)										
<b>Conc.</b>	5.49		<b>Conc.</b>	15.9		<b>Conc.</b>	47.3				
<b>EMPC</b>	7.63		<b>EMPC</b>	17.7		<b>EMPC</b>	49.6				



**ANALYTICAL PERSPECTIVES**

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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	13.4	13.4
TEQ: ND=DL/2	13.4	13.4
TEQ: ND=DL	13.4	13.4
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	2,670	2,690

Checkcode: 132-423

Report Created: 14-May-2010 09:55 Analyst: MC

# Sample ID: HB-26 (0-1)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 11.61 g			Lab Sample ID: P2164_7746_004			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 85.1 %			QC Batch No.: 7746			Time Analyzed: 16:08:43		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	[0.845]		13468/12468F	28.9		123468F	7.82		1234678F	58.7	
1468F	[2.01]		13678F...[3]	4.53		124678/134678F	29		1234679F	[1.32]	J
2468F	8.85		12368F...[3]	25		134679F	(0.304)		1234689F	61.1	
1346/1246F	1.73		14678F	(0.6)		124679F	1	J	1234789F	2.55	
1347F...[3]	2.82		13479F	(0.6)		124689F	34.6				
1348F	[0.723]		13469/12479F	[0.968]	J	123467F	[2.07]	J			
1248F...[3]	3.62		12346F	0.664	J	123478F	6.34				
1268F	5.65		23468/12469F	6.97		123678F	3.95				
1467F	1.35		12347F	1.09	J	123479F	(0.304)				
1478F	1.84		12348F	0.782	J	123469F	[0.431]	J			
1369/1237F	[0.565]		12378F	1.65	J	123679F	(0.304)				
2467F	1.32		12678/12367F	4.35		234678F	6.01		<b>Conc.</b>	122	
2368F	6.76		12379F	[0.0609]	J	234678/123689F	(0.282)		<b>EMPC</b>	124	
1238F...[5]	[1.86]		12679F	(0.6)		123689F	(0.304)				
1278F	3.7		23467/12369F	4.77		123789F	(0.453)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	2.84		23478F	9.62		123789/123489F	1.97	J		(pg/g)	
1267F	[1.64]		23478/12489F	(0.596)		123489F	(0.304)		<b>OCDF</b>	59.9	
2346/1249F	8.98		12489F	(0.6)							
2347/1279F	1.11		12349F	14							
2348F	2.4		12389F	(0.6)							
2378F	10.6										
2367/3467F	4.23										
1269F	0.776										
1239F	(0.356)										
1289F	3.4										
<b>Conc.</b>	71.9		<b>Conc.</b>	102		<b>Conc.</b>	90.7				
<b>EMPC</b>	79.6		<b>EMPC</b>	103		<b>EMPC</b>	93.2				

Checkcode: 132-423

Report Created: 14-May-2010 09:55 Analyst: MC



# Sample ID: HB-26 (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.18 g	Lab Sample ID:	P2164_7746_005	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	78.9 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	16:59:09
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=0.60]	1.63		ES 2378-TCDD	91.3	
12378-PeCDD	10				ES 12378-PeCDD	79.5	
123478-HxCDD	13.2				ES 123478-HxCDD	86.6	
123678-HxCDD	23.9				ES 123678-HxCDD	86.9	
123789-HxCDD	15.3				ES 123789-HxCDD	84.2	
1234678-HpCDD	384				ES 1234678-HpCDD	89.2	
OCDD	2500				ES OCDD	88	
2378-TCDF	35.9				ES 2378-TCDF	93.6	
12378-PeCDF	16.2				ES 12378-PeCDF	80.5	
23478-PeCDF	62.9				ES 23478-PeCDF	81.5	
123478-HxCDF	37.4				ES 123478-HxCDF	89.9	
123678-HxCDF	29.8				ES 123678-HxCDF	87	
234678-HxCDF	40.3				ES 234678-HxCDF	85.7	
123789-HxCDF	ND	0.933			ES 123789-HxCDF	86.9	
1234678-HpCDF	193				ES 1234678-HpCDF	95.7	
1234789-HpCDF	13.7				ES 1234789-HpCDF	89.1	
OCDF	267				ES OCDF	84.2	
Totals					Standard	CS/AS Recoveries	
Total TCDD	60.5		65.8		CS 37Cl-2378-TCDD	92.8	
Total PeCDD	143		153		CS 12347-PeCDD	90.1	
Total HxCDD	360		360		CS 12346-PeCDF	85.3	
Total HpCDD	862		862		CS 123469-HxCDF	90.5	
Total TCDF	454		455		CS 1234689-HpCDF	98.1	
Total PeCDF	618		620		AS 1368-TCDD	93.8	
Total HxCDF	540		543		AS 1368-TCDF	92.4	
Total HpCDF	453		453				
<b>Total PCDD/Fs</b>	<b>6260</b>		<b>6280</b>				
ITEF TEQs							
TEQ: ND=0	65.6		67.2				
TEQ: ND=DL/2	65.8		67.2				
TEQ: ND=DL	66.1		67.3				


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# Sample ID: HB-26 (1-3)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>			
Name:	TRC Companies, Inc.	Matrix:		Solids		Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.18 g	11.18 g		Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	78.9 %	78.9 %		Date Analyzed:	13/May/2010
		Split:	-	-		Time Analyzed:	16:59:09

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	10.9		12479/12468D	37.8		124679/124689D	60.9		1234679D	478	
1379D	5.53		12469D	13.1		123468D	58.6		1234678D	384	
1369D	2.74		12368D	16.7		123679/123689D	96.3				
1469D	(0.419)		12478D	[10]		123469D	56				
1247D...[4]	10.4		12379D	12.9		123478D	13.2				
1378D	5.61		12369D...[3]	21.9		123678D	23.9				
1268D	2.87		12346/12347D	17.4		123467D	35.7				
1478D	1.39		12378D	10		123789D	15.3		<b>Conc.</b>	862	
1279D	[2.61]		12367D	7.4					<b>EMPC</b>	862	
1234/1269D	4.82		12389D	6.1							
1236D	2.27								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	6.6									<b>(pg/g)</b>	
1239D	1.9								OCDD	2500	
2378D	[1.63]										
1278D	3.73										
1267D	1.8										
1289D	[1.01]										
<b>Conc.</b>	60.5		<b>Conc.</b>	143		<b>Conc.</b>	360				
<b>EMPC</b>	65.8		<b>EMPC</b>	153		<b>EMPC</b>	360				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	65.6	67.2
TEQ: ND=DL/2	65.8	67.2
TEQ: ND=DL	66.1	67.3
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	6,260	6,280

Checkcode: 267-789

Report Created: 14-May-2010 09:55 Analyst: MC

# Sample ID: HB-26 (1-3)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 11.18 g			Lab Sample ID: P2164_7746_005			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 78.9 %			QC Batch No.: 7746			Time Analyzed: 16:59:09		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	5.79		13468/12468F	162		123468F	42.1		1234678F	193	
1468F	11.8		13678F...[3]	38.9		124678/134678F	171		1234679F	13.4	
2468F	42.6		12368F...[3]	137		134679F	3.5		1234689F	233	
1346/1246F	15		14678F	14.6		124679F	6.95		1234789F	13.7	
1347F...[3]	28.1		13479F	2.41		124689F	163				
1348F	6.3		13469/12479F	7.41		123467F	26.4				
1248F...[3]	28.1		12346F	10.7		123478F	37.4				
1268F	30.9		23468/12469F	48.4		123678F	29.8				
1467F	11.2		12347F	12.1		123479F	[3.2]				
1478F	14.2		12348F	12.4		123469F	4.49				
1369/1237F	6.74		12378F	16.2		123679F	3.24				
2467F	11.8		12678/12367F	38.5		234678F	40.3		<b>Conc.</b>	453	
2368F	35.4		12379F	2.01	J	234678/123689F	(0.615)		<b>EMPC</b>	453	
1238F...[5]	30.1		12679F	3.28		123689F	(0.667)				
1278F	21.6		23467/12369F	24.3		123789F	(0.933)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	4.71		23478F	62.9		123789/123489F	11.5			(pg/g)	
1267F	15.1		23478/12489F	(0.626)		123489F	(0.667)		<b>OCDF</b>	267	
2346/1249F	22.8		12489F	(0.63)							
2347/1279F	9.65		12349F	24.2							
2348F	13.5		12389F	[2.14]	J						
2378F	35.9										
2367/3467F	32.3										
1269F	3.68										
1239F	[1.27]										
1289F	16.9										
<b>Conc.</b>	454		<b>Conc.</b>	618		<b>Conc.</b>	540				
<b>EMPC</b>	455		<b>EMPC</b>	620		<b>EMPC</b>	543				

Checkcode: 267-789

Report Created: 14-May-2010 09:55 Analyst: MC





# Sample ID: HB-26D (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	10.46 g	Lab Sample ID:	P2164_7746_006	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	78.9 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	17:49:33
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	0.958	[Ra=0.73]			ES 2378-TCDD	94.4	
12378-PeCDD	4.79				ES 12378-PeCDD	82.9	
123478-HxCDD	6.23				ES 123478-HxCDD	92.4	
123678-HxCDD	18.3				ES 123678-HxCDD	90.6	
123789-HxCDD	11.2				ES 123789-HxCDD	89.5	
1234678-HpCDD	349				ES 1234678-HpCDD	96.5	
OCDD	2590				ES OCDD	94.8	
2378-TCDF	29.9				ES 2378-TCDF	97.9	
12378-PeCDF	7.76				ES 12378-PeCDF	87.5	
23478-PeCDF	50.5				ES 23478-PeCDF	85.2	
123478-HxCDF	34				ES 123478-HxCDF	95.5	
123678-HxCDF	21.8				ES 123678-HxCDF	93.4	
234678-HxCDF	30				ES 234678-HxCDF	93.1	
123789-HxCDF	ND	0.611			ES 123789-HxCDF	93.9	
1234678-HpCDF	189				ES 1234678-HpCDF	102	
1234789-HpCDF	15.9				ES 1234789-HpCDF	96.7	
OCDF	333				ES OCDF	89.6	
Totals					Standard	CS/AS Recoveries	
Total TCDD	25.4		29.6		CS 37Cl-2378-TCDD	93.7	
Total PeCDD	60.8		67.2		CS 12347-PeCDD	86.1	
Total HxCDD	204		204		CS 12346-PeCDF	90.9	
Total HpCDD	866		866		CS 123469-HxCDF	91.4	
Total TCDF	324		324		CS 1234689-HpCDF	101	
Total PeCDF	459		460		AS 1368-TCDD	88.7	
Total HxCDF	447		449		AS 1368-TCDF	87.6	
Total HpCDF	469		469				
<b>Total PCDD/Fs</b>	<b>5770</b>		<b>5790</b>				
ITEF TEQs							
TEQ: ND=0	52.6		52.6				
TEQ: ND=DL/2	52.6		52.6				
TEQ: ND=DL	52.6		52.6				


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# Sample ID: HB-26D (1-3)

# Method 8290

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford	Weight/Volume:		10.46 g		Lab Sample ID:	P2164_7746_006	Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010	% Solids:		78.9 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010		
		Split:		-		Dilution:	-	Time Analyzed:	17:49:33		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc. (pg/g)	Qualifiers	Hepta-Dioxins	Conc. (pg/g)	Qualifiers
1368D	7.66		12479/12468D	22.7		124679/124689D	39.2		1234679D	518	
1379D	3.36		12469D	3.03		123468D	23.4		1234678D	349	
1369D	1.26		12368D	10.1		123679/123689D	72.2				
1469D	(0.199)		12478D	5.52		123469D	22.8				
1247D...[4]	[2.93]		12379D	6.41		123478D	6.23				
1378D	3.06		12369D...[3]	[6.4]		123678D	18.3				
1268D	1.19		12346/12347D	3.79		123467D	10.3				
1478D	[0.509]		12378D	4.79		123789D	11.2		<b>Conc.</b>	866	
1279D	1.4		12367D	2.4					<b>EMPC</b>	866	
1234/1269D	2.12		12389D	2.05	J						
1236D	0.649								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	2.14									<b>(pg/g)</b>	
1239D	[0.456]	J							OCDD	2590	
2378D	0.958										
1278D	1.15										
1267D	0.415	J									
1289D	[0.345]	J									
<b>Conc.</b>	25.4		<b>Conc.</b>	60.8		<b>Conc.</b>	204				
<b>EMPC</b>	29.6		<b>EMPC</b>	67.2		<b>EMPC</b>	204				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	52.6	52.6
TEQ: ND=DL/2	52.6	52.6
TEQ: ND=DL	52.6	52.6
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	5,770	5,790

Checkcode: 397-280

Report Created: 14-May-2010 09:56 Analyst: MC

# Sample ID: HB-26D (1-3)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 10.46 g			Lab Sample ID: P2164_7746_006			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 78.9 %			QC Batch No.: 7746			Time Analyzed: 17:49:33		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	4.15		13468/12468F	138		123468F	33.1		1234678F	189	
1468F	8.88		13678F...[3]	21.8		124678/134678F	141		1234679F	7.12	
2468F	36.6		12368F...[3]	115		134679F	1.84	J	1234689F	257	
1346/1246F	8.09		14678F	11.6		124679F	4.65		1234789F	15.9	
1347F...[3]	17.6		13479F	1.44	J	124689F	154				
1348F	4.62		13469/12479F	3.86		123467F	11.9				
1248F...[3]	19.3		12346F	4.15		123478F	34				
1268F	24.9		23468/12469F	35.5		123678F	21.8				
1467F	6.97		12347F	4.59		123479F	1.48	J			
1478F	10.6		12348F	5.34		123469F	2.76				
1369/1237F	3.09		12378F	7.76		123679F	[1.39]	J			
2467F	6.72		12678/12367F	23.2		234678F	30		<b>Conc.</b>	469	
2368F	30.9		12379F	(0.621)		234678/123689F	(0.467)		<b>EMPC</b>	469	
1238F...[5]	10.9		12679F	[1.11]	J	123689F	(0.477)				
1278F	17.4		23467/12369F	14.8		123789F	(0.611)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	4.44		23478F	50.5		123789/123489F	9.94			(pg/g)	
1267F	8.53		23478/12489F	(0.614)		123489F	(0.477)		<b>OCDF</b>	333	
2346/1249F	17.2		12489F	(0.621)							
2347/1279F	5.35		12349F	19.7							
2348F	10.7		12389F	1.25	J						
2378F	29.9										
2367/3467F	23.6										
1269F	2.46										
1239F	(0.646)										
1289F	11.6										
<b>Conc.</b>	324		<b>Conc.</b>	459		<b>Conc.</b>	447				
<b>EMPC</b>	324		<b>EMPC</b>	460		<b>EMPC</b>	449				

Checkcode: 397-280

Report Created: 14-May-2010 09:56 Analyst: MC



# Sample ID: HB-26 (3-5)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	10.51 g	Lab Sample ID:	P2164_7746_007	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	70.2 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	18:39:59
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	0.298	[Ra=0.84]		J	ES 2378-TCDD	87.7	
12378-PeCDD	0.908			J	ES 12378-PeCDD	79.9	
123478-HxCDD	1.74			J	ES 123478-HxCDD	82.2	
123678-HxCDD	14.1				ES 123678-HxCDD	82.4	
123789-HxCDD	2.85				ES 123789-HxCDD	81.6	
1234678-HpCDD	248				ES 1234678-HpCDD	89.2	
OCDD	3190				ES OCDD	93.7	
2378-TCDF	8.26				ES 2378-TCDF	87.9	
12378-PeCDF	2.92				ES 12378-PeCDF	81.9	
23478-PeCDF	10.5				ES 23478-PeCDF	80.6	
123478-HxCDF	9				ES 123478-HxCDF	87.4	
123678-HxCDF	6				ES 123678-HxCDF	82.1	
234678-HxCDF	9.59				ES 234678-HxCDF	81.2	
123789-HxCDF	ND	0.876			ES 123789-HxCDF	88.3	
1234678-HpCDF	792				ES 1234678-HpCDF	88.9	
1234789-HpCDF	6.72				ES 1234789-HpCDF	91.1	
OCDF	351				ES OCDF	89.6	
Totals					Standard	CS/AS Recoveries	
Total TCDD	2.57		5.37		CS 37Cl-2378-TCDD	92	
Total PeCDD	30.5		32.1		CS 12347-PeCDD	86.4	
Total HxCDD	206		206		CS 12346-PeCDF	90.1	
Total HpCDD	442		442		CS 123469-HxCDF	86.6	
Total TCDF	83.3		91.1		CS 1234689-HpCDF	97.4	
Total PeCDF	108		108		AS 1368-TCDD	91.1	
Total HxCDF	445		447		AS 1368-TCDF	91.9	
Total HpCDF	1500		1500				
<b>Total PCDD/Fs</b>	<b>6370</b>		<b>6380</b>				
ITEF TEQs							
TEQ: ND=0	25.3		25.3				
TEQ: ND=DL/2	25.4		25.4				
TEQ: ND=DL	25.4		25.4				



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# Sample ID: HF-31D (0-1)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.54 g	Lab Sample ID:	P2164_7746_008	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	90.6 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	19:30:23
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=1.10]	0.116	J	ES 2378-TCDD	92.5	
12378-PeCDD	0.497			J	ES 12378-PeCDD	85.8	
123478-HxCDD	ND	0.218			ES 123478-HxCDD	93.1	
123678-HxCDD	EMPC		1.39	J	ES 123678-HxCDD	88.4	
123789-HxCDD	0.875			J	ES 123789-HxCDD	89.8	
1234678-HpCDD	31.6				ES 1234678-HpCDD	85.7	
OCDD	586				ES OCDD	84.4	
2378-TCDF	4.57				ES 2378-TCDF	91.4	
12378-PeCDF	0.653			J	ES 12378-PeCDF	85.6	
23478-PeCDF	3.94				ES 23478-PeCDF	84.3	
123478-HxCDF	1.84			J	ES 123478-HxCDF	96.3	
123678-HxCDF	1.52			J	ES 123678-HxCDF	92.9	
234678-HxCDF	2.63				ES 234678-HxCDF	91.7	
123789-HxCDF	ND	0.247			ES 123789-HxCDF	94.9	
1234678-HpCDF	23.5				ES 1234678-HpCDF	88.6	
1234789-HpCDF	EMPC		0.793	J	ES 1234789-HpCDF	92.6	
OCDF	23.4				ES OCDF	80.8	
Totals					Standard	CS/AS Recoveries	
Total TCDD	1.2		1.6		CS 37Cl-2378-TCDD	94.8	
Total PeCDD	3.09		5.42		CS 12347-PeCDD	92.4	
Total HxCDD	15.2		16.6		CS 12346-PeCDF	90	
Total HpCDD	61.4		61.4		CS 123469-HxCDF	91.9	
Total TCDF	29.3		31.4		CS 1234689-HpCDF	91.7	
Total PeCDF	44		44.3		AS 1368-TCDD	90.3	
Total HxCDF	36.3		37.3		AS 1368-TCDF	84.8	
Total HpCDF	46.5		47.3				
<b>Total PCDD/Fs</b>	<b>846</b>		<b>854</b>				
ITEF TEQs							
TEQ: ND=0	4.56		4.82				
TEQ: ND=DL/2	4.68		4.84				
TEQ: ND=DL	4.8		4.86				



**ANALYTICAL PERSPECTIVES**

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# Sample ID: HF-31D (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	12.02 g	Lab Sample ID:	P2164_7746_009	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	92.6 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	20:20:49
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=0.53]	0.271	J	ES 2378-TCDD	91.9	
12378-PeCDD	0.818			J	ES 12378-PeCDD	80.9	
123478-HxCDD	0.891			J	ES 123478-HxCDD	85	
123678-HxCDD	3.28				ES 123678-HxCDD	86.2	
123789-HxCDD	1.72			J	ES 123789-HxCDD	84	
1234678-HpCDD	48.9				ES 1234678-HpCDD	85.7	
OCDD	699				ES OCDD	73.7	
2378-TCDF	7.34				ES 2378-TCDF	97	
12378-PeCDF	1.99			J	ES 12378-PeCDF	88.1	
23478-PeCDF	8.68				ES 23478-PeCDF	85.7	
123478-HxCDF	4.87				ES 123478-HxCDF	87.5	
123678-HxCDF	3.4				ES 123678-HxCDF	87.2	
234678-HxCDF	4.81				ES 234678-HxCDF	84.6	
123789-HxCDF	ND	0.352			ES 123789-HxCDF	89.8	
1234678-HpCDF	51.1				ES 1234678-HpCDF	88.1	
1234789-HpCDF	2.06			J	ES 1234789-HpCDF	91	
OCDF	44				ES OCDF	79.8	
Totals					Standard	CS/AS Recoveries	
Total TCDD	2.29		6.17		CS 37Cl-2378-TCDD	90.6	
Total PeCDD	14.2		14.2		CS 12347-PeCDD	86.5	
Total HxCDD	27.6		31		CS 12346-PeCDF	90.8	
Total HpCDD	94.1		94.1		CS 123469-HxCDF	83.4	
Total TCDF	78.1		78.7		CS 1234689-HpCDF	90.4	
Total PeCDF	85.7		85.7		AS 1368-TCDD	88.1	
Total HxCDF	77.5		78.2		AS 1368-TCDF	93.3	
Total HpCDF	103		103				
<b>Total PCDD/Fs</b>	<b>1230</b>		<b>1230</b>				
ITEF TEQs							
TEQ: ND=0	9.24		9.51				
TEQ: ND=DL/2	9.36		9.53				
TEQ: ND=DL	9.47		9.55				



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# Sample ID: HF-31D (1-3)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>			
Name:	TRC Companies, Inc.	Matrix:		Solids		Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	12.02 g	12.02 g		Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	92.6 %	92.6 %		Date Analyzed:	13/May/2010
		Split:	-	-		Time Analyzed:	20:20:49

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	[1.65]		12479/12468D	5.1		124679/124689D	6.25		1234679D	45.1	
1379D	0.804		12469D	0.642	J	123468D	3.4		1234678D	48.9	
1369D	(0.195)		12368D	2.41		123679/123689D	12				
1469D	(0.195)		12478D	1.26	J	123469D	[2.77]				
1247D...[4]	[0.692]		12379D	1.51	J	123478D	0.891	J			
1378D	0.622		12369D...[3]	1.24	J	123678D	3.28				
1268D	[0.329]	J	12346/12347D	0.735	J	123467D	[0.629]	J			
1478D	(0.195)		12378D	0.818	J	123789D	1.72	J	<b>Conc.</b>	94.1	
1279D	0.374	J	12367D	(0.267)					<b>EMPC</b>	94.1	
1234/1269D	0.49		12389D	0.46	J						
1236D	[0.21]	J							<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	[0.465]									<b>(pg/g)</b>	
1239D	(0.195)								OCDD	699	
2378D	[0.271]	J									
1278D	[0.264]	J									
1267D	(0.195)										
1289D	(0.195)										
<b>Conc.</b>	2.29		<b>Conc.</b>	14.2		<b>Conc.</b>	27.6				
<b>EMPC</b>	6.17		<b>EMPC</b>	14.2		<b>EMPC</b>	31				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	9.24	9.51
TEQ: ND=DL/2	9.36	9.53
TEQ: ND=DL	9.47	9.55
<b>Total PCDD/Fs</b>	<b>Conc.</b> 1,230	<b>EMPC</b> 1,230

Checkcode: 967-103

Report Created: 14-May-2010 09:56 Analyst: MC



# Sample ID: HF-31D (1-3)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 12.02 g			Lab Sample ID: P2164_7746_009			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 92.6 %			QC Batch No.: 7746			Time Analyzed: 20:20:49		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	1.1		13468/12468F	22.7		123468F	6.3		1234678F	51.1	
1468F	1.78		13678F...[3]	4.8		124678/134678F	25.1		1234679F	1.48	J
2468F	6.72		12368F...[3]	19.2		134679F	(0.269)		1234689F	48.5	
1346/1246F	2.31		14678F	3.18		124679F	[0.782]	J	1234789F	2.06	J
1347F...[3]	4.14		13479F	(0.248)		124689F	28.9				
1348F	1.05		13469/12479F	0.879	J	123467F	2.19				
1248F...[3]	4		12346F	0.85	J	123478F	4.87				
1268F	4.87		23468/12469F	6.25		123678F	3.4				
1467F	1.76		12347F	0.788	J	123479F	(0.269)				
1478F	2.67		12348F	0.866	J	123469F	0.46	J			
1369/1237F	0.776		12378F	1.99	J	123679F	(0.269)				
2467F	1.63		12678/12367F	4.28		234678F	4.81		<b>Conc.</b>	103	
2368F	6.18		12379F	(0.248)		234678/123689F	(0.271)		<b>EMPC</b>	103	
1238F...[5]	2.38		12679F	(0.248)		123689F	(0.269)				
1278F	4.66		23467/12369F	3.34		123789F	(0.352)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	1.5		23478F	8.68		123789/123489F	1.4	J		(pg/g)	
1267F	2.29		23478/12489F	(0.25)		123489F	(0.269)		<b>OCDF</b>	44	
2346/1249F	6.13		12489F	(0.248)							
2347/1279F	1.31		12349F	7.76							
2348F	4.68		12389F	0.212	J						
2378F	7.34										
2367/3467F	5.95										
1269F	[0.624]										
1239F	(0.241)										
1289F	2.9										
<b>Conc.</b>	78.1		<b>Conc.</b>	85.7		<b>Conc.</b>	77.5				
<b>EMPC</b>	78.7		<b>EMPC</b>	85.7		<b>EMPC</b>	78.2				

Checkcode: 967-103

Report Created: 14-May-2010 09:56 Analyst: MC



# Sample ID: HF-31D (4-6)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.04 g	Lab Sample ID:	P2164_7746_010	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	77.7 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	22:59:23
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=0.39]	0.117	J	ES 2378-TCDD	95	
12378-PeCDD	0.809			J	ES 12378-PeCDD	80.2	
123478-HxCDD	EMPC		0.487	J	ES 123478-HxCDD	89.5	
123678-HxCDD	1.93			J	ES 123678-HxCDD	86.7	
123789-HxCDD	1.3			J	ES 123789-HxCDD	86.7	
1234678-HpCDD	14.9				ES 1234678-HpCDD	84.2	
OCDD	109				ES OCDD	78.9	
2378-TCDF	3.63				ES 2378-TCDF	95.5	
12378-PeCDF	1.85			J	ES 12378-PeCDF	80.8	
23478-PeCDF	12.9				ES 23478-PeCDF	81.1	
123478-HxCDF	3.87				ES 123478-HxCDF	93.2	
123678-HxCDF	3.45				ES 123678-HxCDF	92.9	
234678-HxCDF	6.75				ES 234678-HxCDF	94.2	
123789-HxCDF	ND	0.284			ES 123789-HxCDF	94.2	
1234678-HpCDF	20.9				ES 1234678-HpCDF	87.9	
1234789-HpCDF	1.15			J	ES 1234789-HpCDF	86.1	
OCDF	9.84				ES OCDF	78.1	
Totals					Standard	CS/AS Recoveries	
Total TCDD	4.04		5.06		CS 37Cl-2378-TCDD	99.3	
Total PeCDD	6.41		10.3		CS 12347-PeCDD	85.2	
Total HxCDD	16.7		17.7		CS 12346-PeCDF	84.7	
Total HpCDD	27.5		27.5		CS 123469-HxCDF	100	
Total TCDF	57.5		59.7		CS 1234689-HpCDF	88.5	
Total PeCDF	94.6		96.3		AS 1368-TCDD	91.5	
Total HxCDF	80		80.2		AS 1368-TCDF	90	
Total HpCDF	37.4		37.4				
<b>Total PCDD/Fs</b>	<b>443</b>		<b>453</b>				
ITEF TEQs							
TEQ: ND=0	9.51		9.67				
TEQ: ND=DL/2	9.64		9.69				
TEQ: ND=DL	9.76		9.7				

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# Sample ID: HF-31D (4-6)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>		<b>Laboratory Data</b>			
Name:	TRC Companies, Inc.	Matrix:		Solids		Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.04 g	11.04 g		Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	77.7 %	77.7 %		Date Analyzed:	13/May/2010
		Split:	-	-		Time Analyzed:	22:59:23

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	1.5		12479/12468D	3.03		124679/124689D	3.29		1234679D	12.6	
1379D	0.611		12469D	0.454	J	123468D	2.63		1234678D	14.9	
1369D	(0.202)		12368D	[1.75]	J	123679/123689D	7.59				
1469D	(0.202)		12478D	1.05	J	123469D	(0.27)				
1247D...[4]	0.749		12379D	[0.835]	J	123478D	[0.487]	J			
1378D	0.574		12369D...[3]	[1.04]	J	123678D	1.93	J			
1268D	0.281	J	12346/12347D	0.647	J	123467D	[0.511]	J			
1478D	(0.202)		12378D	0.809	J	123789D	1.3	J	<b>Conc.</b>	27.5	
1279D	[0.272]	J	12367D	[0.288]	J				<b>EMPC</b>	27.5	
1234/1269D	0.322	J	12389D	0.428	J						
1236D	(0.202)								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	[0.402]	J								<b>(pg/g)</b>	
1239D	(0.202)								OCDD	109	
2378D	[0.117]	J									
1278D	[0.234]	J									
1267D	(0.202)										
1289D	(0.202)										
<b>Conc.</b>	4.04		<b>Conc.</b>	6.41		<b>Conc.</b>	16.7				
<b>EMPC</b>	5.06		<b>EMPC</b>	10.3		<b>EMPC</b>	17.7				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	9.51	9.67
TEQ: ND=DL/2	9.64	9.69
TEQ: ND=DL	9.76	9.7
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	443	453

Checkcode: 153-471

Report Created: 14-May-2010 09:57 Analyst: MC

# Sample ID: HF-31D (4-6)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 11.04 g			Lab Sample ID: P2164_7746_010			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 77.7 %			QC Batch No.: 7746			Time Analyzed: 22:59:23		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	[0.619]		13468/12468F	32		123468F	6.16		1234678F	20.9	
1468F	1.66		13678F...[3]	4.48		124678/134678F	25.8		1234679F	0.935	J
2468F	7.07		12368F...[3]	22.4		134679F	(0.227)		1234689F	14.4	
1346/1246F	1.66		14678F	1.82	J	124679F	0.814	J	1234789F	1.15	J
1347F...[3]	2.93		13479F	(0.195)		124689F	28.2				
1348F	0.826		13469/12479F	0.779	J	123467F	2.72				
1248F...[3]	3.94		12346F	[0.569]	J	123478F	3.87				
1268F	5.36		23468/12469F	8.66		123678F	3.45				
1467F	1.35		12347F	1.02	J	123479F	[0.21]	J			
1478F	2.09		12348F	[1.07]	J	123469F	0.544	J			
1369/1237F	[0.594]		12378F	1.85	J	123679F	(0.227)				
2467F	1.69		12678/12367F	5.37		234678F	6.75		<b>Conc.</b>	37.4	
2368F	6.14		12379F	(0.195)		234678/123689F	(0.212)		<b>EMPC</b>	37.4	
1238F...[5]	3.85		12679F	(0.195)		123689F	(0.227)				
1278F	3.09		23467/12369F	2.64		123789F	(0.284)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	(0.139)		23478F	12.9		123789/123489F	1.71	J		(pg/g)	
1267F	1.89		23478/12489F	(0.19)		123489F	(0.227)		<b>OCDF</b>	9.84	
2346/1249F	1.58		12489F	(0.195)							
2347/1279F	[0.984]		12349F	0.762	J						
2348F	1.46		12389F	(0.195)							
2378F	3.63										
2367/3467F	5.35										
1269F	(0.139)										
1239F	(0.139)										
1289F	1.98										
<b>Conc.</b>	57.5		<b>Conc.</b>	94.6		<b>Conc.</b>	80				
<b>EMPC</b>	59.7		<b>EMPC</b>	96.3		<b>EMPC</b>	80.2				

Checkcode: 153-471

Report Created: 14-May-2010 09:57 Analyst: MC



# Sample ID: HF-40 (0-1)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.05 g	Lab Sample ID:	P2164_7746_011	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	88.2 %	QC Batch No:	7746	Date Analyzed:	13/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	23:49:47
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	ND	0.217			ES 2378-TCDD	91.3	
12378-PeCDD	ND	0.259			ES 12378-PeCDD	82.6	
123478-HxCDD	0.477			J	ES 123478-HxCDD	88.4	
123678-HxCDD	1.16			J	ES 123678-HxCDD	89.6	
123789-HxCDD	0.842			J	ES 123789-HxCDD	85.8	
1234678-HpCDD	21.3				ES 1234678-HpCDD	81.8	
OCDD	344				ES OCDD	79.9	
2378-TCDF	5.37				ES 2378-TCDF	94.2	
12378-PeCDF	1.2			J	ES 12378-PeCDF	83.8	
23478-PeCDF	3.01				ES 23478-PeCDF	83.2	
123478-HxCDF	3.91				ES 123478-HxCDF	91.8	
123678-HxCDF	2.38				ES 123678-HxCDF	93	
234678-HxCDF	2.56				ES 234678-HxCDF	92.6	
123789-HxCDF	ND	0.31			ES 123789-HxCDF	90.6	
1234678-HpCDF	21				ES 1234678-HpCDF	89	
1234789-HpCDF	EMPC		1.65	J	ES 1234789-HpCDF	86.5	
OCDF	15.7				ES OCDF	77.5	
Totals					Standard	CS/AS Recoveries	
Total TCDD	2.35		2.35		CS 37Cl-2378-TCDD	94.9	
Total PeCDD	2.73		3.54		CS 12347-PeCDD	86.9	
Total HxCDD	7.39		12.6		CS 12346-PeCDF	88.2	
Total HpCDD	43		43		CS 123469-HxCDF	97.9	
Total TCDF	34.5		39.3		CS 1234689-HpCDF	87	
Total PeCDF	42.9		44.7		AS 1368-TCDD	89.5	
Total HxCDF	35.5		35.5		AS 1368-TCDF	88.7	
Total HpCDF	37.7		39.4				
<b>Total PCDD/Fs</b>	<b>566</b>		<b>580</b>				
ITEF TEQs							
TEQ: ND=0	4.02		4.04				
TEQ: ND=DL/2	4.21		4.22				
TEQ: ND=DL	4.4		4.41				

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**ANALYTICAL PERSPECTIVES**


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# Sample ID: HF-40 (0-1)

# Method 8290

Client Data		Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010	
Project ID:	City Of New Bedford	Weight/Volume:	11.05 g	11.05 g		Lab Sample ID:	P2164_7746_011	Date Extracted:	04/May/2010	
Date Collected:	15/Apr/2010	% Solids:	88.2 %	88.2 %		QC Batch No.:	7746	Date Analyzed:	13/May/2010	
		Split:	-	-		Dilution:	-	Time Analyzed:	23:49:47	

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	0.957		12479/12468D	2.24	J	124679/124689D	[2.54]		1234679D	21.7	
1379D	0.478		12469D	(0.259)		123468D	[1.23]	J	1234678D	21.3	
1369D	(0.217)		12368D	[0.514]	J	123679/123689D	4.91				
1469D	(0.217)		12478D	(0.259)		123469D	[1.27]	J			
1247D...[4]	(0.217)		12379D	0.493	J	123478D	0.477	J			
1378D	(0.217)		12369D...[3]	(0.259)		123678D	1.16	J			
1268D	(0.217)		12346/12347D	[0.293]	J	123467D	[0.2]	J			
1478D	(0.217)		12378D	(0.259)		123789D	0.842	J	<b>Conc.</b>	43	
1279D	(0.217)		12367D	(0.259)					<b>EMPC</b>	43	
1234/1269D	0.914		12389D	(0.259)							
1236D	(0.217)								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	(0.217)									<b>(pg/g)</b>	
1239D	(0.217)								OCDD	344	
2378D	(0.217)										
1278D	(0.217)										
1267D	(0.217)										
1289D	(0.217)										
<b>Conc.</b>	2.35		<b>Conc.</b>	2.73		<b>Conc.</b>	7.39				
<b>EMPC</b>	2.35		<b>EMPC</b>	3.54		<b>EMPC</b>	12.6				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	4.02	4.04
TEQ: ND=DL/2	4.21	4.22
TEQ: ND=DL	4.4	4.41
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	566	580

Checkcode: 315-064

Report Created: 14-May-2010 09:58 Analyst: MC



# Sample ID: HF-40 (0-1)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 11.05 g			Lab Sample ID: P2164_7746_011			Date Analyzed: 13/May/2010		
Date Collected: 15/Apr/2010			% Solids: 88.2 %			QC Batch No.: 7746			Time Analyzed: 23:49:47		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	0.577		13468/12468F	7.52		123468F	2.41		1234678F	21	
1468F	[0.54]		13678F...[3]	2.29		124678/134678F	11.6		1234679F	0.697	J
2468F	2.67		12368F...[3]	8.53		134679F	(0.245)		1234689F	16	
1346/1246F	0.979		14678F	[1.14]	J	124679F	0.445	J	1234789F	[1.65]	J
1347F...[3]	1.3		13479F	(0.495)		124689F	9.92				
1348F	[0.303]	J	13469/12479F	[0.687]	J	123467F	1.31	J			
1248F...[3]	1.82		12346F	0.489	J	123478F	3.91				
1268F	1.23		23468/12469F	1.83	J	123678F	2.38				
1467F	[0.671]		12347F	0.68	J	123479F	(0.245)				
1478F	1.26		12348F	0.335	J	123469F	(0.245)				
1369/1237F	(0.274)		12378F	1.2	J	123679F	(0.245)				
2467F	0.499		12678/12367F	1.68	J	234678F	2.56		<b>Conc.</b>	37.7	
2368F	1.88		12379F	(0.495)		234678/123689F	(0.234)		<b>EMPC</b>	39.4	
1238F...[5]	0.777		12679F	(0.495)		123689F	(0.245)				
1278F	3.23		23467/12369F	2.8		123789F	(0.31)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	1.11		23478F	3.01		123789/123489F	0.952	J		(pg/g)	
1267F	[1.1]		23478/12489F	(0.498)		123489F	(0.245)		<b>OCDF</b>	15.7	
2346/1249F	6.42		12489F	(0.495)							
2347/1279F	[0.442]	J	12349F	12.5							
2348F	2.64		12389F	(0.495)							
2378F	5.37										
2367/3467F	1.98										
1269F	0.752										
1239F	(0.274)										
1289F	[1.77]										
<b>Conc.</b>	34.5		<b>Conc.</b>	42.9		<b>Conc.</b>	35.5				
<b>EMPC</b>	39.3		<b>EMPC</b>	44.7		<b>EMPC</b>	35.5				

Checkcode: 315-064

Report Created: 14-May-2010 09:58 Analyst: MC



# Sample ID: HF-40 (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	13.07 g	Lab Sample ID:	P2164_7746_012	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	91.3 %	QC Batch No:	7746	Date Analyzed:	14/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	00:40:12
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	EMPC	[Ra=1.00]	0.151	J	ES 2378-TCDD	89.2	
12378-PeCDD	EMPC		0.654	J	ES 12378-PeCDD	79.9	
123478-HxCDD	0.566			J	ES 123478-HxCDD	81.3	
123678-HxCDD	2.71				ES 123678-HxCDD	81	
123789-HxCDD	1.16			J	ES 123789-HxCDD	78.7	
1234678-HpCDD	30.9				ES 1234678-HpCDD	78.1	
OCDD	416				ES OCDD	75.7	
2378-TCDF	23.8				ES 2378-TCDF	92.3	
12378-PeCDF	3.25				ES 12378-PeCDF	80.8	
23478-PeCDF	16.9				ES 23478-PeCDF	80.5	
123478-HxCDF	41.1				ES 123478-HxCDF	86	
123678-HxCDF	20.5				ES 123678-HxCDF	85.2	
234678-HxCDF	20.9				ES 234678-HxCDF	86.2	
123789-HxCDF	ND	0.363			ES 123789-HxCDF	89.2	
1234678-HpCDF	93.9				ES 1234678-HpCDF	84.3	
1234789-HpCDF	26.5				ES 1234789-HpCDF	81.4	
OCDF	52.7				ES OCDF	75.3	
Totals					Standard	CS/AS Recoveries	
Total TCDD	4.09		5.45		CS 37Cl-2378-TCDD	93.8	
Total PeCDD	10.8		15.3		CS 12347-PeCDD	85.9	
Total HxCDD	24.3		24.3		CS 12346-PeCDF	87.8	
Total HpCDD	58.7		58.7		CS 123469-HxCDF	93	
Total TCDF	141		142		CS 1234689-HpCDF	87.8	
Total PeCDF	182		184		AS 1368-TCDD	88.8	
Total HxCDF	254		254		AS 1368-TCDF	88.2	
Total HpCDF	220		220				
<b>Total PCDD/Fs</b>	<b>1360</b>		<b>1370</b>				
ITEF TEQs							
TEQ: ND=0	21.6		22.1				
TEQ: ND=DL/2	21.8		22.1				
TEQ: ND=DL	22		22.2				

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# Sample ID: HF-40 (3-5)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	15.51 g	Lab Sample ID:	P2164_7746_013	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	92.1 %	QC Batch No:	7746	Date Analyzed:	14/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	01:30:35
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	1.1	[Ra=0.80]			ES 2378-TCDD	93.8	
12378-PeCDD	4.52				ES 12378-PeCDD	77.3	
123478-HxCDD	2.49				ES 123478-HxCDD	82.6	
123678-HxCDD	12.8				ES 123678-HxCDD	81	
123789-HxCDD	6.68				ES 123789-HxCDD	74.4	
1234678-HpCDD	120				ES 1234678-HpCDD	78.8	
OCDD	1070				ES OCDD	79.1	
2378-TCDF	40.7				ES 2378-TCDF	92.2	
12378-PeCDF	13.6				ES 12378-PeCDF	84.4	
23478-PeCDF	113				ES 23478-PeCDF	81.2	
123478-HxCDF	35.3				ES 123478-HxCDF	87.5	
123678-HxCDF	28.8				ES 123678-HxCDF	83.6	
234678-HxCDF	54.9				ES 234678-HxCDF	84.3	
123789-HxCDF	ND	0.202			ES 123789-HxCDF	106	
1234678-HpCDF	202				ES 1234678-HpCDF	79.8	
1234789-HpCDF	13.1				ES 1234789-HpCDF	82.1	
OCDF	141				ES OCDF	77.1	
Totals					Standard	CS/AS Recoveries	
Total TCDD	19.4		22.4		CS 37Cl-2378-TCDD	95.3	
Total PeCDD	62.4		64.5		CS 12347-PeCDD	81.4	
Total HxCDD	127		127		CS 12346-PeCDF	97.3	
Total HpCDD	213		213		CS 123469-HxCDF	93.9	
Total TCDF	579		579		CS 1234689-HpCDF	91.6	
Total PeCDF	949		950		AS 1368-TCDD	73.1	
Total HxCDF	760		760		AS 1368-TCDF	83.1	
Total HpCDF	426		426				
<b>Total PCDD/Fs</b>	<b>4350</b>		<b>4350</b>				
ITEF TEQs							
TEQ: ND=0	83.3		83.3				
TEQ: ND=DL/2	83.3		83.3				
TEQ: ND=DL	83.3		83.3				


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# Sample ID: HF-40 (3-5)

# Method 8290

<b>Client Data</b>			<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.		Matrix:			Lab Project ID:	P2164		Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford		Weight/Volume:	15.51 g		Lab Sample ID:	P2164_7746_013		Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010		% Solids:	92.1 %		QC Batch No.:	7746		Date Analyzed:	14/May/2010		
			Split:	-		Dilution:	-		Time Analyzed:	01:30:35		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	4.67		12479/12468D	22.2		124679/124689D	26.3		1234679D	93.4	
1379D	2.56		12469D	[2.09]		123468D	14.4		1234678D	120	
1369D	0.702		12368D	12.4		123679/123689D	54.2				
1469D	0.295	J	12478D	6.16		123469D	7.8				
1247D...[4]	[2.43]		12379D	6.06		123478D	2.49				
1378D	2.64		12369D...[3]	5.37		123678D	12.8				
1268D	0.973		12346/12347D	2.36		123467D	2.22				
1478D	0.38		12378D	4.52		123789D	6.68		<b>Conc.</b>	213	
1279D	1.08		12367D	1.62					<b>EMPC</b>	213	
1234/1269D	1.14		12389D	1.77							
1236D	0.348								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	1.96									<b>(pg/g)</b>	
1239D	[0.288]	J							OCDD	1070	
2378D	1.1										
1278D	1.16										
1267D	[0.241]	J									
1289D	0.398										
<b>Conc.</b>	19.4		<b>Conc.</b>	62.4		<b>Conc.</b>	127				
<b>EMPC</b>	22.4		<b>EMPC</b>	64.5		<b>EMPC</b>	127				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	83.3	83.3
TEQ: ND=DL/2	83.3	83.3
TEQ: ND=DL	83.3	83.3
<b>Total PCDD/Fs</b>	<b>Conc.</b> 4,350	<b>EMPC</b> 4,350

Checkcode: 107-404

Report Created: 14-May-2010 09:58 Analyst: MC

# Sample ID: HF-40 (3-5)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 15.51 g			Lab Sample ID: P2164_7746_013			Date Analyzed: 14/May/2010		
Date Collected: 15/Apr/2010			% Solids: 92.1 %			QC Batch No.: 7746			Time Analyzed: 01:30:35		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	5.48		13468/12468F	352		123468F	49.4		1234678F	202	
1468F	22.6		13678F...[3]	34.4		124678/134678F	244		1234679F	5.46	
2468F	103		12368F...[3]	255		134679F	(0.268)		1234689F	205	
1346/1246F	14.2		14678F	(0.367)		124679F	4.94		1234789F	13.1	
1347F...[3]	20.7		13479F	(0.367)		124689F	314				
1348F	6.25		13469/12479F	1.9		123467F	10				
1248F...[3]	35		12346F	(0.367)		123478F	35.3				
1268F	52.8		23468/12469F	95.4		123678F	28.8				
1467F	13.8		12347F	(0.367)		123479F	1.54	J			
1478F	20.7		12348F	6.47		123469F	2.98				
1369/1237F	3.19		12378F	13.6		123679F	1.42	J			
2467F	10.8		12678/12367F	40.1		234678F	54.9		<b>Conc.</b>	426	
2368F	71.1		12379F	[0.524]	J	234678/123689F	(0.304)		<b>EMPC</b>	426	
1238F...[5]	13.8		12679F	2.31		123689F	(0.268)				
1278F	26.2		23467/12369F	13.7		123789F	(0.202)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	(0.599)		23478F	113		123789/123489F	13.2			<b>(pg/g)</b>	
1267F	13.9		23478/12489F	(0.375)		123489F	(0.268)		<b>OCDF</b>	141	
2346/1249F	15.7		12489F	(0.367)							
2347/1279F	7.42		12349F	19							
2348F	11.9		12389F	2.56							
2378F	40.7										
2367/3467F	43.4										
1269F	3.1										
1239F	[0.272]	J									
1289F	22.7										
<b>Conc.</b>	579		<b>Conc.</b>	949		<b>Conc.</b>	760				
<b>EMPC</b>	579		<b>EMPC</b>	950		<b>EMPC</b>	760				

Checkcode: 107-404

Report Created: 14-May-2010 09:58 Analyst: MC



# Sample ID: HF-14 (0-1)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	12.40 g	Lab Sample ID:	P2164_7746_014	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	82.9 %	QC Batch No:	7746	Date Analyzed:	14/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	02:21:03
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	ND	0.183			ES 2378-TCDD	86.6	
12378-PeCDD	0.406			J	ES 12378-PeCDD	80.3	
123478-HxCDD	0.532			J	ES 123478-HxCDD	82.7	
123678-HxCDD	1.48			J	ES 123678-HxCDD	83.5	
123789-HxCDD	1.42			J	ES 123789-HxCDD	81	
1234678-HpCDD	34.8				ES 1234678-HpCDD	78.5	
OCDD	556				ES OCDD	79.8	
2378-TCDF	2.3				ES 2378-TCDF	87.9	
12378-PeCDF	0.566			J	ES 12378-PeCDF	76.9	
23478-PeCDF	1.8			J	ES 23478-PeCDF	76	
123478-HxCDF	1.46			J	ES 123478-HxCDF	86.6	
123678-HxCDF	0.92			J	ES 123678-HxCDF	87.2	
234678-HxCDF	1.28			J	ES 234678-HxCDF	89	
123789-HxCDF	ND	0.244			ES 123789-HxCDF	82.3	
1234678-HpCDF	16.2				ES 1234678-HpCDF	80.1	
1234789-HpCDF	EMPC		0.444	J	ES 1234789-HpCDF	79.5	
OCDF	18.8				ES OCDF	75.5	
Totals					Standard	CS/AS Recoveries	
Total TCDD	0.884		1.2		CS 37Cl-2378-TCDD	86.6	
Total PeCDD	3.88		3.88		CS 12347-PeCDD	81.5	
Total HxCDD	16.5		16.7		CS 12346-PeCDF	79.4	
Total HpCDD	76.6		76.6		CS 123469-HxCDF	90.9	
Total TCDF	17.8		20.9		CS 1234689-HpCDF	81.7	
Total PeCDF	25.2		26		AS 1368-TCDD	89.4	
Total HxCDF	19		19		AS 1368-TCDF	86.2	
Total HpCDF	30.9		31.4				
<b>Total PCDD/Fs</b>	<b>765</b>		<b>770</b>				
ITEF TEQs							
TEQ: ND=0	3.16		3.16				
TEQ: ND=DL/2	3.26		3.26				
TEQ: ND=DL	3.37		3.37				


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# Sample ID: HF-14 (0-1)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford	Weight/Volume:		12.40 g		Lab Sample ID:	P2164_7746_014	Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010	% Solids:		82.9 %		QC Batch No.:	7746	Date Analyzed:	14/May/2010		
		Split:		-		Dilution:	-	Time Analyzed:	02:21:03		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	0.884		12479/12468D	1.72	J	124679/124689D	4.98		1234679D	41.8	
1379D	[0.318]	J	12469D	(0.216)		123468D	1.42	J	1234678D	34.8	
1369D	(0.183)		12368D	0.588	J	123679/123689D	5.6				
1469D	(0.183)		12478D	0.401	J	123469D	1.05	J			
1247D...[4]	(0.183)		12379D	0.377	J	123478D	0.532	J			
1378D	(0.183)		12369D...[3]	0.387	J	123678D	1.48	J			
1268D	(0.183)		12346/12347D	(0.216)		123467D	[0.243]	J			
1478D	(0.183)		12378D	0.406	J	123789D	1.42	J		Conc.	76.6
1279D	(0.183)		12367D	(0.216)						EMPC	76.6
1234/1269D	(0.183)		12389D	(0.216)							
1236D	(0.183)								Octa-Dioxin	Conc	Qualifiers
1237/1238D	(0.183)									(pg/g)	
1239D	(0.183)								OCDD	556	
2378D	(0.183)										
1278D	(0.183)										
1267D	(0.183)										
1289D	(0.183)										
<b>Conc.</b>	0.884		<b>Conc.</b>	3.88		<b>Conc.</b>	16.5				
<b>EMPC</b>	1.2		<b>EMPC</b>	3.88		<b>EMPC</b>	16.7				



**ANALYTICAL PERSPECTIVES**

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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	3.16	3.16
TEQ: ND=DL/2	3.26	3.26
TEQ: ND=DL	3.37	3.37
	<b>Conc.</b>	<b>EMPC</b>
<b>Total PCDD/Fs</b>	765	770

Checkcode: 176-397

Report Created: 14-May-2010 09:58 Analyst: MC

# Sample ID: HF-14 (0-1)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 12.40 g			Lab Sample ID: P2164_7746_014			Date Analyzed: 14/May/2010		
Date Collected: 15/Apr/2010			% Solids: 82.9 %			QC Batch No.: 7746			Time Analyzed: 02:21:03		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	0.486		13468/12468F	4.75		123468F	2	J	1234678F	16.2	
1468F	0.352	J	13678F...[3]	1.33	J	124678/134678F	7.18		1234679F	(0.217)	
2468F	2.24		12368F...[3]	5.23		134679F	(0.174)		1234689F	14.7	
1346/1246F	0.543		14678F	(0.327)		124679F	(0.174)		1234789F	[0.444]	J
1347F...[3]	0.95		13479F	(0.327)		124689F	5.63				
1348F	0.325	J	13469/12479F	[0.395]	J	123467F	0.569	J			
1248F...[3]	0.924		12346F	[0.172]	J	123478F	1.46	J			
1268F	[0.852]		23468/12469F	1.42	J	123678F	0.92	J			
1467F	0.507		12347F	0.254	J	123479F	(0.174)				
1478F	[0.685]		12348F	[0.216]	J	123469F	(0.174)				
1369/1237F	[0.162]	J	12378F	0.566	J	123679F	(0.174)				
2467F	0.466		12678/12367F	0.916	J	234678F	1.28	J	<b>Conc.</b>	30.9	
2368F	1.19		12379F	(0.327)		234678/123689F	(0.153)		<b>EMPC</b>	31.4	
1238F...[5]	0.534		12679F	(0.327)		123689F	(0.174)				
1278F	1.48		23467/12369F	1.1	J	123789F	(0.244)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	0.595		23478F	1.8	J	123789/123489F	(0.244)			(pg/g)	
1267F	[0.618]		23478/12489F	(0.328)		123489F	(0.174)		<b>OCDF</b>	18.8	
2346/1249F	2.2		12489F	(0.327)							
2347/1279F	(0.146)		12349F	7.82							
2348F	1.08		12389F	(0.327)							
2378F	2.3										
2367/3467F	1.59										
1269F	(0.146)										
1239F	(0.146)										
1289F	[0.796]										
<b>Conc.</b>	17.8		<b>Conc.</b>	25.2		<b>Conc.</b>	19				
<b>EMPC</b>	20.9		<b>EMPC</b>	26		<b>EMPC</b>	19				

Checkcode: 176-397

Report Created: 14-May-2010 09:58 Analyst: MC



# Sample ID: HF-14 (1-3)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	10.79 g	Lab Sample ID:	P2164_7746_015	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	94.1 %	QC Batch No:	7746	Date Analyzed:	14/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	03:11:30
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	ND	0.194			ES 2378-TCDD	90.2	
12378-PeCDD	0.481			J	ES 12378-PeCDD	79.1	
123478-HxCDD	0.638			J	ES 123478-HxCDD	82.1	
123678-HxCDD	2.36				ES 123678-HxCDD	79.3	
123789-HxCDD	1.39			J	ES 123789-HxCDD	76	
1234678-HpCDD	49.9				ES 1234678-HpCDD	76.8	
OCDD	610				ES OCDD	75	
2378-TCDF	8.78				ES 2378-TCDF	95.1	
12378-PeCDF	EMPC		0.66	J	ES 12378-PeCDF	82.3	
23478-PeCDF	2.98				ES 23478-PeCDF	80.1	
123478-HxCDF	2.96				ES 123478-HxCDF	83	
123678-HxCDF	1.87			J	ES 123678-HxCDF	84.4	
234678-HxCDF	2			J	ES 234678-HxCDF	84	
123789-HxCDF	ND	0.248			ES 123789-HxCDF	79.9	
1234678-HpCDF	17.6				ES 1234678-HpCDF	81.2	
1234789-HpCDF	1.45			J	ES 1234789-HpCDF	78.2	
OCDF	24.8				ES OCDF	75.4	
Totals					Standard	CS/AS Recoveries	
Total TCDD	1.37		1.75		CS 37Cl-2378-TCDD	91	
Total PeCDD	3.73		8.24		CS 12347-PeCDD	79.1	
Total HxCDD	28.4		28.4		CS 12346-PeCDF	87.9	
Total HpCDD	104		104		CS 123469-HxCDF	84.7	
Total TCDF	50.1		50.4		CS 1234689-HpCDF	80.1	
Total PeCDF	43.5		44.5		AS 1368-TCDD	87.9	
Total HxCDF	32.1		33.3		AS 1368-TCDF	90.7	
Total HpCDF	47.8		47.8				
<b>Total PCDD/Fs</b>	<b>946</b>		<b>953</b>				
ITEF TEQs							
TEQ: ND=0	5.06		5.09				
TEQ: ND=DL/2	5.17		5.2				
TEQ: ND=DL	5.29		5.31				

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**ANALYTICAL PERSPECTIVES**


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# Sample ID: HF-14 (1-3)

# Method 8290

<b>Client Data</b>		<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.	Matrix:		Solids		Lab Project ID:	P2164	Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford	Weight/Volume:	10.79 g			Lab Sample ID:	P2164_7746_015	Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010	% Solids:	94.1 %			QC Batch No.:	7746	Date Analyzed:	14/May/2010		
		Split:	-			Dilution:	-	Time Analyzed:	03:11:30		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	1.13		12479/12468D	[3.75]		124679/124689D	6.08		1234679D	54.6	
1379D	[0.385]	J	12469D	(0.211)		123468D	2.87		1234678D	49.9	
1369D	(0.194)		12368D	1.23	J	123679/123689D	8.88				
1469D	(0.194)		12478D	[0.362]	J	123469D	5.33				
1247D...[4]	(0.194)		12379D	1.5	J	123478D	0.638	J			
1378D	(0.194)		12369D...[3]	0.506	J	123678D	2.36				
1268D	(0.194)		12346/12347D	[0.403]	J	123467D	0.833	J			
1478D	(0.194)		12378D	0.481	J	123789D	1.39	J	<b>Conc.</b>	104	
1279D	(0.194)		12367D	(0.211)					<b>EMPC</b>	104	
1234/1269D	0.242	J	12389D	(0.211)							
1236D	(0.194)								<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	(0.194)									<b>(pg/g)</b>	
1239D	(0.194)								OCDD	610	
2378D	(0.194)										
1278D	(0.194)										
1267D	(0.194)										
1289D	(0.194)										
<b>Conc.</b>	1.37		<b>Conc.</b>	3.73		<b>Conc.</b>	28.4				
<b>EMPC</b>	1.75		<b>EMPC</b>	8.24		<b>EMPC</b>	28.4				



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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	5.06	5.09
TEQ: ND=DL/2	5.17	5.2
TEQ: ND=DL	5.29	5.31
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	946	953

Checkcode: 127-399

Report Created: 14-May-2010 09:59 Analyst: MC

# Sample ID: HF-14 (1-3)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Extracted: 04/May/2010		
Project ID: City Of New Bedford			Weight/Volume: 10.79 g			Lab Sample ID: P2164_7746_015			Date Analyzed: 14/May/2010		
Date Collected: 15/Apr/2010			% Solids: 94.1 %			QC Batch No.: 7746			Time Analyzed: 03:11:30		
Split:			-			Dilution: -					
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	0.516		13468/12468F	7.11		123468F	2.22	J	1234678F	17.6	
1468F	0.751		13678F...[3]	2.56		124678/134678F	9.25		1234679F	0.746	J
2468F	1.81		12368F...[3]	7.73		134679F	(0.194)		1234689F	28.1	
1346/1246F	1.75		14678F	1.23	J	124679F	[0.349]	J	1234789F	1.45	J
1347F...[3]	1.24		13479F	(0.259)		124689F	12.9				
1348F	(0.362)		13469/12479F	0.51	J	123467F	[0.933]	J			
1248F...[3]	1.21		12346F	0.462	J	123478F	2.96				
1268F	1.3		23468/12469F	1.92	J	123678F	1.87	J			
1467F	1.05		12347F	0.349	J	123479F	(0.194)				
1478F	2.53		12348F	[0.313]	J	123469F	(0.194)				
1369/1237F	[0.275]	J	12378F	[0.66]	J	123679F	(0.194)				
2467F	0.555		12678/12367F	1.87	J	234678F	2	J	<b>Conc.</b>	47.8	
2368F	2.01		12379F	(0.259)		234678/123689F	(0.191)		<b>EMPC</b>	47.8	
1238F...[5]	1.11		12679F	(0.259)		123689F	(0.194)				
1278F	3.56		23467/12369F	2.36		123789F	(0.248)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	1.13		23478F	2.98		123789/123489F	0.873	J		(pg/g)	
1267F	1.53		23478/12489F	(0.257)		123489F	(0.194)		<b>OCDF</b>	24.8	
2346/1249F	6.72		12489F	(0.259)							
2347/1279F	(0.362)		12349F	14.4							
2348F	5.23		12389F	(0.259)							
2378F	8.78										
2367/3467F	2.59										
1269F	0.942										
1239F	(0.362)										
1289F	3.83										
<b>Conc.</b>	50.1		<b>Conc.</b>	43.5		<b>Conc.</b>	32.1				
<b>EMPC</b>	50.4		<b>EMPC</b>	44.5		<b>EMPC</b>	33.3				

Checkcode: 127-399

Report Created: 14-May-2010 09:59 Analyst: MC



# Sample ID: HF-14 (3-4)

# Method 8290

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solids	Lab Project ID:	P2164	Date Received:	16/Apr/2010
Project ID:	City Of New Bedford	Weight/Volume:	11.85 g	Lab Sample ID:	P2164_7746_016	Date Extracted:	04/May/2010
Date Collected:	15/Apr/2010	% Solids:	76.0 %	QC Batch No:	7746	Date Analyzed:	14/May/2010
		Split:	-	Dilution:	-	Time Analyzed:	04:01:58
Analyte	Conc. (pg/g)	DL (pg/g)	EMPC (pg/g)	Qualifiers	Standard	ES Recoveries	Qualifiers
2378-TCDD	1.24	[Ra=0.74]			ES 2378-TCDD	100	
12378-PeCDD	3.41				ES 12378-PeCDD	88.6	
123478-HxCDD	3.32				ES 123478-HxCDD	83.9	
123678-HxCDD	23.4				ES 123678-HxCDD	81.6	
123789-HxCDD	10.3				ES 123789-HxCDD	79	
1234678-HpCDD	580				ES 1234678-HpCDD	91.2	
OCDD	7050				ES OCDD	108	
2378-TCDF	17.6				ES 2378-TCDF	98.7	
12378-PeCDF	5.99				ES 12378-PeCDF	87.9	
23478-PeCDF	33.6				ES 23478-PeCDF	86.4	
123478-HxCDF	19.6				ES 123478-HxCDF	88.8	
123678-HxCDF	11.5				ES 123678-HxCDF	83.1	
234678-HxCDF	19.3				ES 234678-HxCDF	84.3	
123789-HxCDF	ND	0.201			ES 123789-HxCDF	94.2	
1234678-HpCDF	150				ES 1234678-HpCDF	87.9	
1234789-HpCDF	11.9				ES 1234789-HpCDF	92.5	
OCDF	348				ES OCDF	93.7	
Totals					Standard	CS/AS Recoveries	
Total TCDD	25.2		26		CS 37Cl-2378-TCDD	96.4	
Total PeCDD	69.8		69.8		CS 12347-PeCDD	86.9	
Total HxCDD	243		243		CS 12346-PeCDF	94.1	
Total HpCDD	1220		1220		CS 123469-HxCDF	87.7	
Total TCDF	212		212		CS 1234689-HpCDF	91.8	
Total PeCDF	299		299		AS 1368-TCDD	88.4	
Total HxCDF	304		304		AS 1368-TCDF	90	
Total HpCDF	488		488				
<b>Total PCDD/Fs</b>	<b>10300</b>		<b>10300</b>				
ITEF TEQs							
TEQ: ND=0	45.4		45.4				
TEQ: ND=DL/2	45.4		45.4				
TEQ: ND=DL	45.4		45.4				


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# Sample ID: HF-14 (3-4)

# Method 8290

<b>Client Data</b>			<b>Sample Data</b>			<b>Laboratory Data</b>						
Name:	TRC Companies, Inc.		Matrix:			Lab Project ID:	P2164		Date Received:	16/Apr/2010		
Project ID:	City Of New Bedford		Weight/Volume:	11.85 g		Lab Sample ID:	P2164_7746_016		Date Extracted:	04/May/2010		
Date Collected:	15/Apr/2010		% Solids:	76.0 %		QC Batch No.:	7746		Date Analyzed:	14/May/2010		
			Split:	-		Dilution:	-		Time Analyzed:	04:01:58		

Tetra-Dioxins	Conc. (pg/g)	Qualifiers	Penta-Dioxins	Conc. (pg/g)	Qualifiers	Hexa-Dioxins	Conc (pg/g)	Qualifiers	Hepta-Dioxins	Conc (pg/g)	Qualifiers
1368D	9.62		12479/12468D	22		124679/124689D	76.3		1234679D	643	
1379D	3.79		12469D	2.06	J	123468D	14.8		1234678D	580	
1369D	0.67		12368D	11.6		123679/123689D	83.8				
1469D	(0.112)		12478D	3.77		123469D	28.6				
1247D...[4]	1.9		12379D	18		123478D	3.32				
1378D	2.24		12369D...[3]	3.9		123678D	23.4				
1268D	0.773		12346/12347D	2.2		123467D	2.59				
1478D	[0.438]		12378D	3.41		123789D	10.3		<b>Conc.</b>	1,220	
1279D	0.794		12367D	1.59	J				<b>EMPC</b>	1,220	
1234/1269D	0.918		12389D	1.35	J						
1236D	[0.357]	J							<b>Octa-Dioxin</b>	<b>Conc</b>	<b>Qualifiers</b>
1237/1238D	1.62									<b>(pg/g)</b>	
1239D	0.369	J							OCDD	7050	
2378D	1.24										
1278D	1.03										
1267D	(0.112)										
1289D	0.296	J									
<b>Conc.</b>	25.2		<b>Conc.</b>	69.8		<b>Conc.</b>	243				
<b>EMPC</b>	26		<b>EMPC</b>	69.8		<b>EMPC</b>	243				



**ANALYTICAL PERSPECTIVES**

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ITEF TEQs	Conc.	EMPC
TEQ: ND=0	45.4	45.4
TEQ: ND=DL/2	45.4	45.4
TEQ: ND=DL	45.4	45.4
<b>Total PCDD/Fs</b>	<b>Conc.</b>	<b>EMPC</b>
	10,300	10,300

Checkcode: 260-107

Report Created: 14-May-2010 09:59 Analyst: MC

# Sample ID: HF-14 (3-4)

# Method 8290

Client Data			Sample Data			Laboratory Data			Date Received: 16/Apr/2010		
Name: TRC Companies, Inc.			Matrix:			Lab Project ID: P2164			Date Received: 16/Apr/2010		
Project ID: City Of New Bedford			Weight/Volume: 11.85 g			Lab Sample ID: P2164_7746_016			Date Extracted: 04/May/2010		
Date Collected: 15/Apr/2010			% Solids: 76.0 %			QC Batch No.: 7746			Date Analyzed: 14/May/2010		
			Split: -			Dilution: -			Time Analyzed: 04:01:58		
Tetra-Furans	Conc. (pg/g)	Qualifiers	Penta-Furans	Conc. (pg/g)	Qualifiers	Hexa-Furans	Conc (pg/g)	Qualifiers	Hepta-Furans	Conc (pg/g)	Qualifiers
1368F	3.25		13468/12468F	89.8		123468F	18.4		1234678F	150	
1468F	6.23		13678F...[3]	14.4		124678/134678F	84.3		1234679F	5.38	
2468F	24.7		12368F...[3]	74.9		134679F	0.91	J	1234689F	320	
1346/1246F	4.96		14678F	5.53		124679F	2.69		1234789F	11.9	
1347F...[3]	13		13479F	(0.33)		124689F	131				
1348F	2.38		13469/12479F	2.24		123467F	7.07				
1248F...[3]	11.9		12346F	2.8		123478F	19.6				
1268F	16.3		23468/12469F	24.8		123678F	11.5				
1467F	5.14		12347F	2.46		123479F	1.1	J			
1478F	8.32		12348F	3.44		123469F	1.41	J			
1369/1237F	2.56		12378F	5.99		123679F	0.741	J			
2467F	5.22		12678/12367F	15.2		234678F	19.3		<b>Conc.</b>	488	
2368F	21.6		12379F	(0.33)		234678/123689F	(0.191)		<b>EMPC</b>	488	
1238F...[5]	7.09		12679F	1.01	J	123689F	(0.188)				
1278F	8.13		23467/12369F	8.54		123789F	(0.201)		<b>Octa-Furan</b>	<b>Conc</b>	<b>Qualifiers</b>
1349F	1.18		23478F	33.6		123789/123489F	5.7			(pg/g)	
1267F	5.82		23478/12489F	(0.329)		123489F	(0.188)		<b>OCDF</b>	348	
2346/1249F	7.6		12489F	(0.33)							
2347/1279F	3.82		12349F	12.7							
2348F	7.33		12389F	0.937	J						
2378F	17.6										
2367/3467F	17.9										
1269F	1.52										
1239F	(0.298)										
1289F	8.34										
<b>Conc.</b>	212		<b>Conc.</b>	299		<b>Conc.</b>	304				
<b>EMPC</b>	212		<b>EMPC</b>	299		<b>EMPC</b>	304				

Checkcode: 260-107

Report Created: 14-May-2010 09:59 Analyst: MC



Sample Summary		ANALYTICAL PERSPECTIVES															HR-PCB	
Analyte	Method Blank 0_7746_MB001	Method Blank 0_7775_MB001	HG-2 (0-1)	HG-2 (1-3)	HG-2 (5-7)	HB-26 (0-1)	HB-26 (1-3)	HB-26D (1-3)	HB-26 (3-5)	HF-31D (0-1)	HF-31D (1-3)	HF-31D (4-6)	HF-40 (0-1)	HF-40 (1-3)	HF-40 (3-5)	HF-14 (0-1)	HF-14 (1-3)	HF-14 (3-4)
	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g
PCB-77	(0.351)	(0.163)	102	5700	2870	142	1250	3620	3680	51.3	577	87.9	109	18.8	56.8	154	187	240
PCB-81	(0.339)	(0.158)	5.34	150	95	11.4	63.7	229	(127)	3.71	24.6	3.13	6.97	(0.968)	2.49	6.64	(12.5)	(42.9)
PCB-105	1.21	0.598	4740	142000	88700	9160	51200	259000	77100	3570	20200	1420	8150	2080	2400	4380	15800	12400
PCB-114	(0.337)	(0.185)	134	5310	3150	249	2360	17800	4500	108	870	59.7	319	110	145	182	471	444
PCB-118	2.94	3.52	12200	330000	256000	21300	116000	483000	904000	8370	49300	3400	19000	5330	8410	11400	48400	33100
PCB-123	(0.334)	(0.197)	312	7560	4900	599	2310	10400	2530	285	928	99.2	538	80.6	101	229	1040	667
PCB-126	(0.347)	(0.244)	41.1	910	601	55	327	958	(58.1)	25.9	108	17.6	54.9	5.61	12.6	45.3	51.8	(35)
PCB-156/157	[0.487]	(0.408)	2710	65100	38600	5320	22300	104000	38300	2330	8490	800	4760	869	1160	2230	7410	6670
PCB-167	(0.317)	(0.299)	1060	23700	13500	2170	7780	30800	10600	959	2880	388	1610	252	343	779	2860	3510
PCB-169	(0.355)	(0.395)	(2.4)	(32.9)	(14.2)	(3.36)	(11.9)	(47.9)	(71.8)	(1.56)	(5.11)	(2.17)	(2.6)	(0.862)	(0.662)	(2.7)	(4.56)	(62)
PCB-189	(0.283)	(0.126)	154	2490	1230	266	1070	3320	1400	106	358	44.4	158	21.8	32.6	96.3	332	1030
Total Mono-CBs	1.02	1.26	26.3	366	225	20.7	396	355	865	8.63	38.2	69.1	15.7	0.873	1.97	12.5	18.1	96.5
Total Di-CBs	20.6	6.44	148	2240	1700	167	1340	1200	2900	89.6	362	179	109	4.29	17.8	322	106	362
Total Tri-CBs	12.4	6.5	378	9090	12000	694	4870	6920	59800	289	1840	158	373	81.2	153	1080	494	1050
Total Tetra-CBs	24.2	17.6	7630	313000	434000	16700	99300	428000	4530000	7390	54100	5230	14600	8650	13800	18200	42000	28300
Total Penta-CBs	18	22.2	93200	2440000	2000000	186000	758000	3270000	9590000	77500	322000	33600	121000	35200	50800	77700	365000	292000
Total Hexa-CBs	4.33	9.66	89200	1650000	1060000	172000	620000	2070000	2170000	74500	242000	30300	104000	19400	28600	60500	259000	399000
Total Hepta-CBs	2.54	0.424	33500	362000	170000	49600	223000	532000	218000	21000	73900	6430	19500	2370	3640	16800	58700	301000
Total Octa-CBs	[0.768]	1.59	9940	82600	29100	12600	63800	107000	17000	5330	20500	1550	3830	221	374	4500	13400	113000
Total Nona-CBs	(0.784)	[0.644]	8690	22400	14100	10200	25800	29400	16400	3160	10200	1790	1650	95.9	232	921	2910	7940
PCB-209	(0.397)	(0.232)	12300	22500	12900	16900	26800	24000	16300	3940	10500	2620	1770	110	308	648	2130	4270
TEQs (WHO 2005 MH)																		
ND = 0; EMPC = 0	0.000124	0.000123	4.76	109	72.6	6.69	38.9	123	31.5	3.06	13.3	1.96	6.54	0.825	1.65	5.12	7.49	1.76
ND = 0; EMPC = EMPC	0.000139	0.000123	4.76	109	72.6	6.69	38.9	123	31.5	3.06	13.3	1.96	6.54	0.825	1.65	5.12	7.49	1.76
ND = DL/2; EMPC = 0	0.0229	0.0183	4.8	109	72.8	6.74	39.1	124	35.5	3.09	13.4	1.99	6.58	0.839	1.66	5.16	7.56	4.44
ND = DL/2; EMPC = EMPC	0.0229	0.0183	4.8	109	72.8	6.74	39.1	124	35.5	3.09	13.4	1.99	6.58	0.839	1.66	5.16	7.56	4.44
ND = DL; EMPC = 0	0.0457	0.0365	4.83	110	73	6.79	39.3	125	39.5	3.11	13.5	2.02	6.62	0.854	1.67	5.2	7.63	7.13
ND = DL; EMPC = EMPC	0.0457	0.0365	4.83	110	73	6.79	39.3	125	39.5	3.11	13.5	2.02	6.62	0.854	1.67	5.2	7.63	7.13
Checkcode	ψδ	βρ	νζ	χδ	νθ	λθ	ζν	ητ	δυ	εβ	πς	πρ	γθ	φμ	φσ	ωσ	εθ	εθ

Sample Summary (Wet Weight)		ANALYTICAL PERSPECTIVES															HR-PCB		
Analyte	Method Blank 0_7746_MB001	Method Blank 0_7775_MB001	HG-2 (0-1)	HG-2 (1-3)	HG-2 (5-7)	HB-26 (0-1)	HB-26 (1-3)	HB-26D (1-3)	HB-26 (3-5)	HF-31D (0-1)	HF-31D (1-3)	HF-31D (4-6)	HF-40 (0-1)	HF-40 (1-3)	HF-40 (3-5)	HF-14 (0-1)	HF-14 (1-3)	HF-14 (3-4)	
	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	Conc. pg/g	
PCB-77	(0.351)	(0.163)	78.4	4530	2360	121	984	2860	2580	46.5	534	68.3	96.5	17.2	52.3	127	176	183	
PCB-81	(0.339)	(0.158)	4.1	119	78	9.74	50.3	180	(89.2)	3.36	2.43	6.15	(0.884)	2.29	5.5	(11.8)	(32.6)		
PCB-105	1.21	0.598	3640	113000	72800	7800	40400	204000	54100	3230	18700	1110	7190	1900	2210	3630	14900	9450	
PCB-114	(0.337)	(0.185)	103	4210	2580	212	1860	14000	3160	98.3	805	46.4	281	101	133	151	443	338	
PCB-118	2.94	3.52	9350	262000	210000	18200	91300	381000	635000	7590	45700	2640	16800	4860	7740	9490	45600	25200	
PCB-123	(0.334)	(0.197)	239	6000	4020	510	1820	8170	1770	259	860	77.1	475	73.6	92.8	190	978	507	
PCB-126	(0.347)	(0.244)	31.6	723	493	46.8	258	756	(40.8)	23.4	99.6	13.7	48.4	5.12	11.6	37.5	48.8	(26.6)	
PCB-156/157	[0.487]	(0.408)	2080	51700	31700	4530	17600	82200	26900	2110	7860	622	4200	793	1070	1850	6970	5070	
PCB-167	(0.317)	(0.299)	814	18800	11100	1850	6140	24300	7440	869	2660	302	1420	230	316	646	2690	2670	
PCB-169	(0.355)	(0.395)	(1.85)	(26.2)	(11.6)	(2.86)	(9.4)	(37.8)	(50.4)	(1.42)	(4.73)	(1.69)	(2.3)	(0.855)	(0.61)	(2.23)	(4.29)	(47.1)	
PCB-189	(0.283)	(0.126)	118	1980	1010	226	844	2620	966	96.4	332	34.5	140	19.9	30	79.8	313	783	
Total Mono-CBs	1.02	1.26	20.2	291	184	17.6	312	280	607	7.82	35.4	53.7	13.9	0.797	1.82	10.4	17.1	73.3	
Total Di-CBs	20.6	6.44	114	1780	1390	142	1060	943	2030	81.2	335	139	96.3	3.91	16.4	267	99.6	275	
Total Tri-CBs	12.4	6.5	290	7220	9820	590	3840	5460	42000	262	1710	123	329	74.2	141	894	465	799	
Total Tetra-CBs	24.2	17.6	5860	248000	356000	14200	78400	338000	3180000	6700	50100	4070	12900	7900	12700	15100	39500	21500	
Total Penta-CBs	18	22.2	71600	1930000	1640000	158000	598000	2580000	6730000	70200	298000	26100	106000	32100	46800	64400	344000	222000	
Total Hexa-CBs	4.33	9.66	68500	1310000	866000	146000	489000	1630000	1520000	67500	224000	23500	91300	17700	26400	50100	243000	303000	
Total Hepta-CBs	2.54	0.424	25700	287000	139000	42200	176000	419000	153000	19000	68500	5000	17200	2170	3360	13900	55200	229000	
Total Octa-CBs	[0.768]	1.59	7630	65600	23900	10700	50400	84100	12000	4830	19000	1210	3380	201	344	3730	12600	85600	
Total Nona-CBs	(0.784)	[0.644]	6670	17800	11600	8660	20400	23200	11500	2870	9450	1390	1450	87.5	214	763	2740	6030	
PCB-209	(0.397)	(0.232)	9420	17900	10600	14400	21100	18900	11500	3570	9700	2040	1560	101	283	537	2010	3250	
TEQs (WHO 2005 MH)																			
ND = 0; EMPC = 0	0.000124	0.000123	3.66	86.5	59.6	5.69	30.7	97.4	22.1	2.78	12.3	1.52	5.77	0.753	1.52	4.25	7.05	1.34	
ND = 0; EMPC = EMPC	0.000139	0.000123	3.66	86.5	59.6	5.69	30.7	97.4	22.1	2.78	12.3	1.52	5.77	0.753	1.52	4.25	7.05	1.34	
ND = DL/2; EMPC = 0	0.0229	0.0183	3.69	86.9	59.8	5.74	30.9	98	24.9	2.8	12.4	1.55	5.8	0.766	1.53	4.28	7.11	3.38	
ND = DL/2; EMPC = EMPC	0.0229	0.0183	3.69	86.9	59.8	5.74	30.9	98	24.9	2.8	12.4	1.55	5.8	0.766	1.53	4.28	7.11	3.38	
ND = DL; EMPC = 0	0.0457	0.0365	3.71	87.2	59.9	5.78	31	98.5	27.7	2.82	12.5	1.57	5.83	0.779	1.54	4.31	7.18	5.42	
ND = DL; EMPC = EMPC	0.0457	0.0365	3.71	87.2	59.9	5.78	31	98.5	27.7	2.82	12.5	1.57	5.83	0.779	1.54	4.31	7.18	5.42	

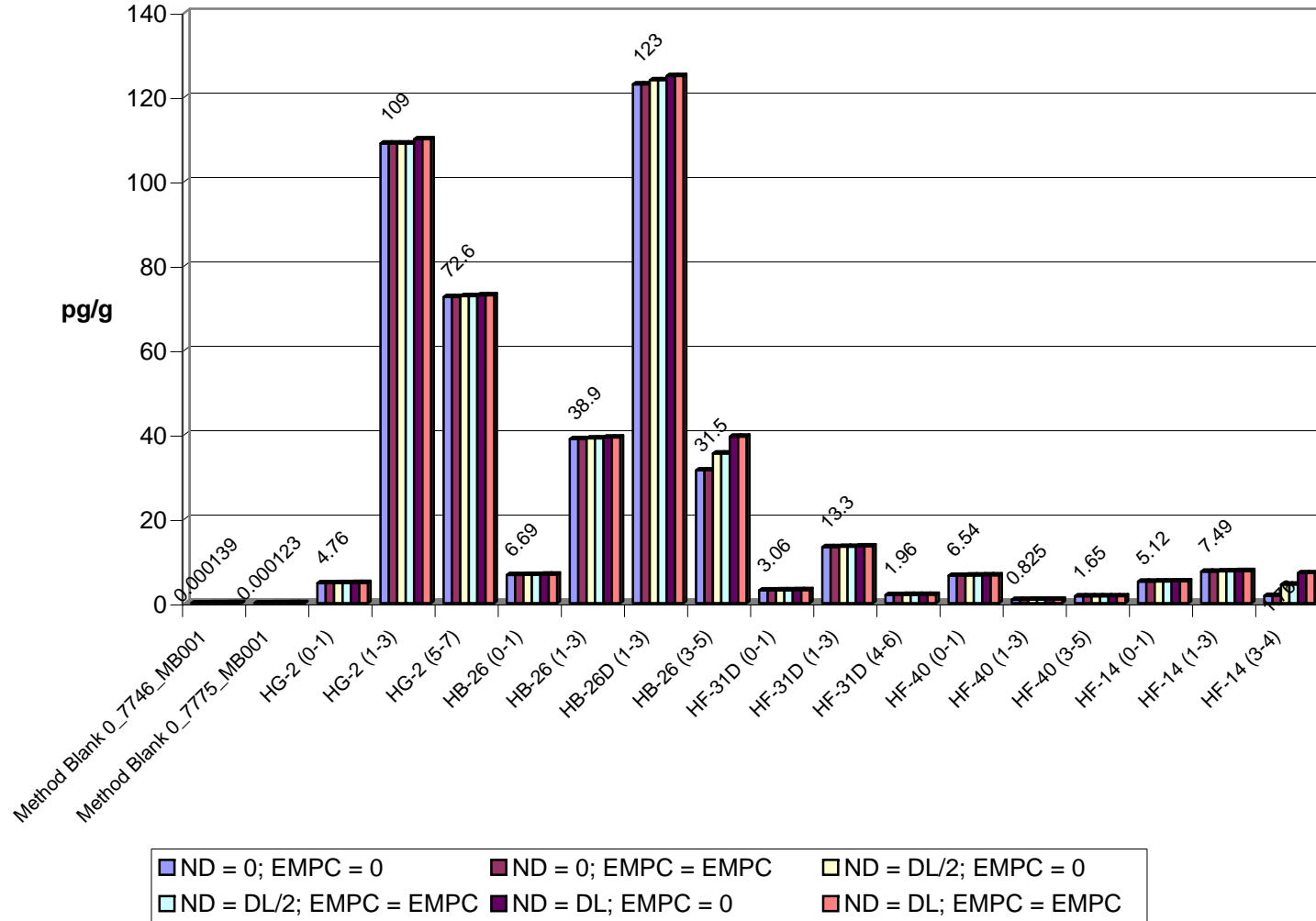
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PCB Recoveries		ANALYTICAL PERSPECTIVES															HR-PCB	
Standard	Method Blank 0_7746_MB001	Method Blank 0_7775_MB001	HG-2 (0-1)	HG-2 (1-3)	HG-2 (5-7)	HB-26 (0-1)	HB-26 (1-3)	HB-26D (1-3)	HB-26 (3-5)	HF-31D (0-1)	HF-31D (1-3)	HF-31D (4-6)	HF-40 (0-1)	HF-40 (1-3)	HF-40 (3-5)	HF-14 (0-1)	HF-14 (1-3)	HF-14 (3-4)
ES PCB-1	84	89.6	73.4	85.1	85.5	75.5	81.1	96.1	96.3	79	81.8	63.2	82.4	80.3	77.9	74.5	76.2	108
ES PCB-3	93.8	97.4	85.6	90.6	96.1	87.2	94.6	101	103	89.2	92.6	80.7	92.9	91.7	94.8	86.1	88	110
ES PCB-4	94.5	104	85.5	89.2	89.1	86.9	91.3	94.8	104	88.1	88.6	87.6	94.1	95.4	101	90.8	86.4	106
ES PCB-15	92	113	96.2	99.8	99.6	99	96.2	107	104	101	99.3	98.2	98.6	106	116	95.5	100	95.1
ES PCB-19	89.9	108	90.5	90.1	99.2	92.1	91.5	101	104	94	94.8	96.2	95.1	98.4	106	94.6	91.3	102
ES PCB-37	95.9	113	98.5	104	95.6	95.9	100	97.4	84.4	101	102	97.6	100	95.7	105	94.3	99.9	93.5
ES PCB-54	105	123	95	90.2	89.5	92.8	90.4	99.3	91.4	97.2	90.7	94.3	97.5	94.9	101	99.8	91.1	109
ES PCB-77	96.2	110	107	108	92.9	101	99.5	91.3	66.4	107	101	96.2	104	103	114	92.1	105	86.5
ES PCB-81	94.9	115	105	103	91.3	96.3	94.3	94.9	74.6	105	99	95.6	104	103	113	88	98.3	89.2
ES PCB-104	99.1	111	94.1	81	93.3	96.6	99	93	94	99.5	100	106	99.2	96.4	102	109	106	117
ES PCB-105	99.2	117	101	92.4	95.3	98	97.7	82.3	71	102	102	101	95.2	102	111	92.6	98.6	83.8
ES PCB-114	98.7	112	103	89.4	90.2	97.2	99	78.6	73.1	101	105	103	91.6	102	113	97.3	102	98
ES PCB-118	95.4	114	100	98.2	91.8	93.2	102	93.7	105	99.7	102	100	96.3	101	108	95.2	102	88.8
ES PCB-123	97.4	110	104	91.8	94.4	96	97.1	84.8	66.5	101	103	99.9	102	101	109	96.3	102	97.3
ES PCB-126	95.6	114	103	98.9	91.6	94.3	96.6	57.4	64	100	106	100	105	104	112	95.7	102	97.9
ES PCB-153	93.9	110	93.9	90	90.7	91	92.2	83.9	122	98.9	99.5	97.1	93.8	94.4	100	95.2	95.1	111
ES PCB-155	91.7	103	87.1	70.7	80.3	91.5	82.7	71.1	91.1	97.9	94.5	94.1	93.3	87.9	91.2	97.3	93	93.3
ES PCB-156/157	97.3	116	87.6	76.1	82.7	80.5	75.4	59.7	68	88	94.2	93.8	90.5	98.7	105	91.2	88.4	105
ES PCB-167	93.9	111	93	82.9	84.7	87.1	82.8	63.3	79	94.2	98.6	95.4	95.4	97.1	103	95.5	92.8	99.7
ES PCB-169	99.8	114	80.6	89	87.4	86.7	84.6	59.4	70.7	94.5	102	97.2	98.1	95.2	107	104	93.9	124
ES PCB-170	88.6	106	95.6	90.8	94.3	101	98.9	120	144	103	92.4	97.9	81.7	86.8	94.7	88.1	94.7	89.8
ES PCB-180	85.7	96.6	91.9	92.8	100	97	98.3	118	129	99.8	92.1	91.9	85.8	78.5	88	83.3	94.9	97.9
ES PCB-188	94.9	105	92.4	77.4	87.5	91.7	88.9	74.2	86.1	100	101	101	88.5	93.3	100	99.9	94.6	101
ES PCB-189	94.6	107	96	91.3	93.4	91.9	93.3	103	110	100	96.6	94.4	93.5	93.4	100	89.7	92.8	101
ES PCB-202	93.6	114	93.6	84.3	85.7	92.6	88.2	65	86.9	98.6	101	96.1	96	94.3	98.9	96.1	94.6	109
ES PCB-205	101	107	99.7	93.9	94.6	95.1	95.3	100	83.7	104	94.9	98	94.6	96.3	105	100	94.3	106
ES PCB-206	102	107	107	130	103	97.7	108	106	96.7	101	102	102	101	96.4	111	111	104	331
ES PCB-208	89.8	101	91.9	90.7	92.2	94.6	92.7	103	107	95.9	91.3	90.5	86.4	85.1	92.6	87	92.1	91
ES PCB-209	104	109	107	102	96	99.9	105	91	97.9	106	104	106	107	102	115	115	103	115

Checkcode      w6      bp      vz      z8      vm      zm      cv      ht      du      ep      nc      xp      yo      fu      fe      oo      eo      mo

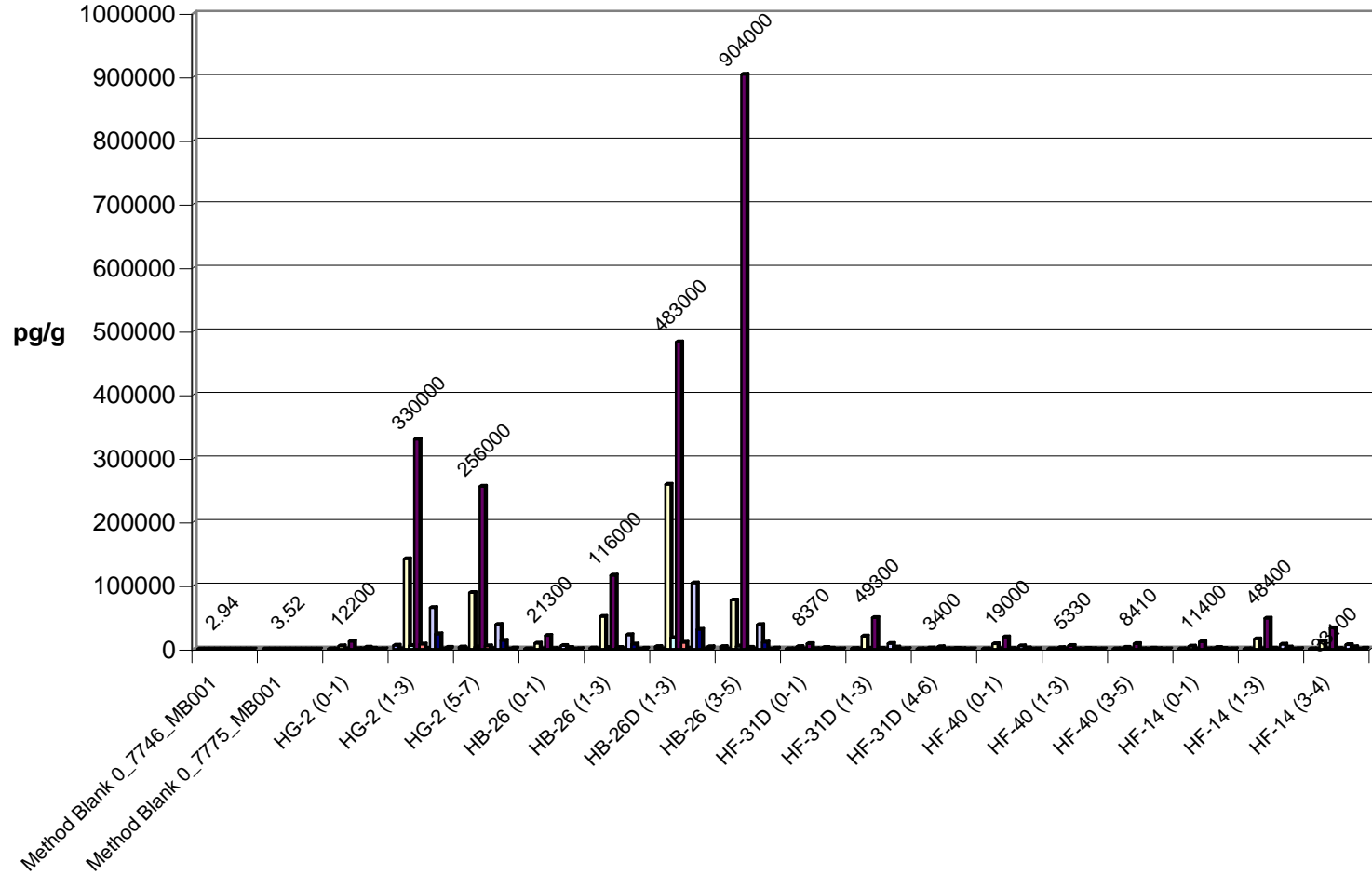


**PCB TEQ**  
**Project ID: City Of New Bedford**  
**P2164**



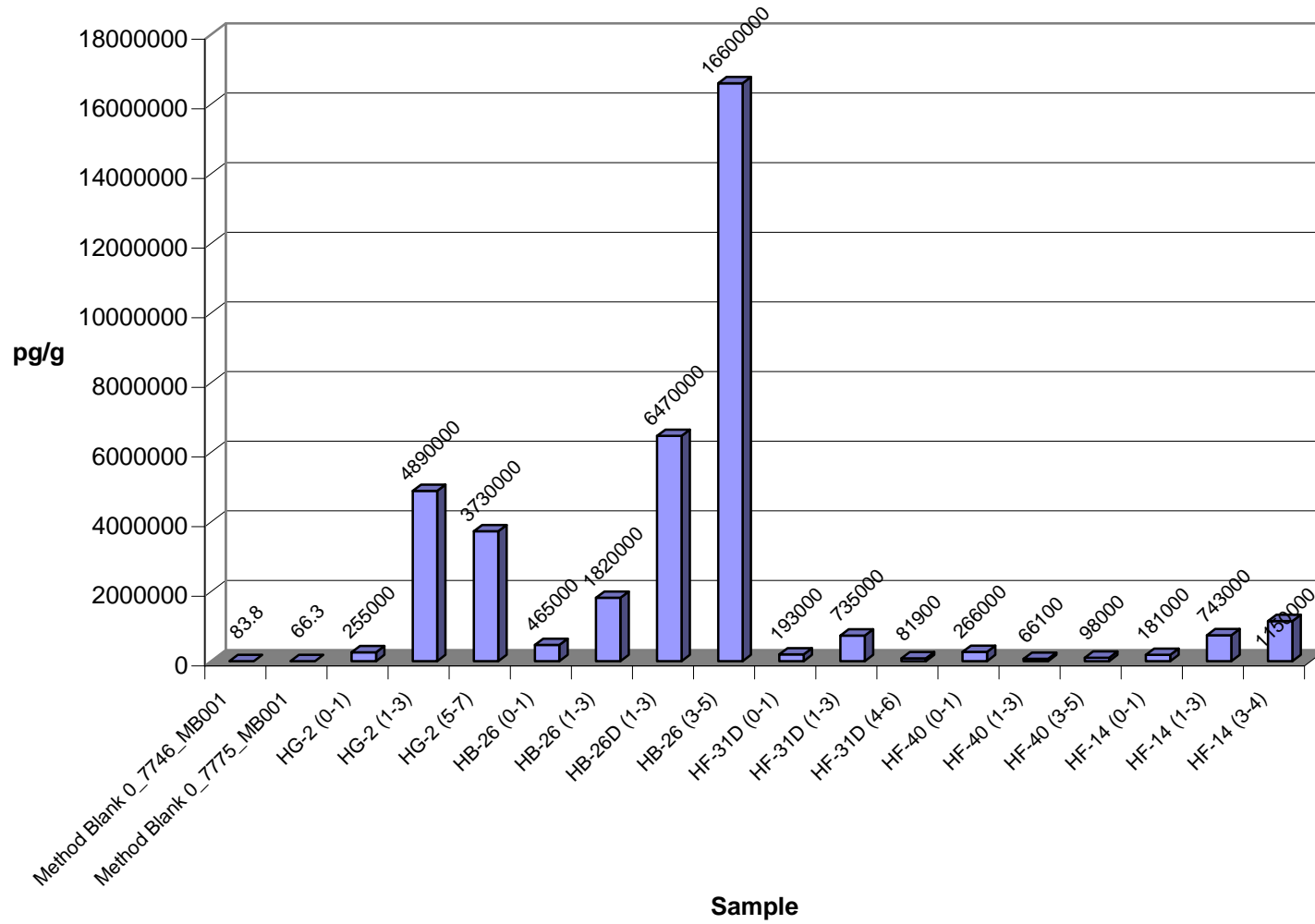


**PCB WHO**  
**Project ID: City Of New Bedford**  
**P2164**

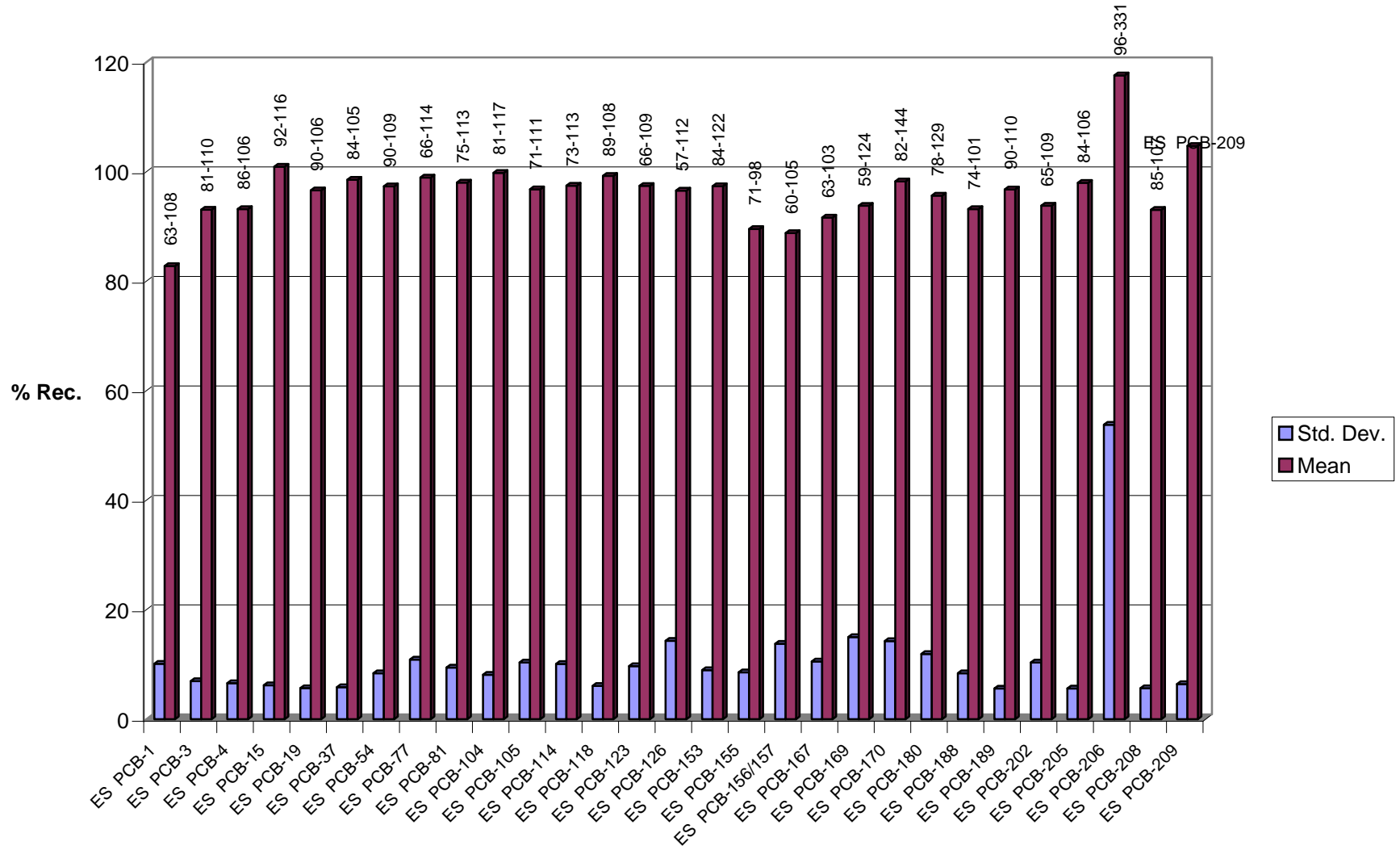


■ PCB-77 
 ■ PCB-81 
 ■ PCB-105 
 ■ PCB-114 
 ■ PCB-118 
 ■ PCB-123 
 ■ PCB-126 
 ■ PCB-156/157 
 ■ PCB-167 
 ■ PCB-169 
 ■ PCB-189

**PCB Totals**  
**Project ID: City Of New Bedford**  
**P2164**



**Mean Recoveries of Extraction Standards (N=17)**  
**Project ID: City Of New Bedford**  
**P2164**



# Sample ID: Method Blank 0\_7746\_MB001

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	n/a
Project ID:	City Of New Bedford	Weight/Volume:	6.00 g	Sample ID:	MB1_7746_PCB_SDS-RJ	Date Extracted:	4-May-10
Date Collected:	n/a	% Solids	n/a	QC Batch No.:	7746	Date Analyzed:	15-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	ND	0.351			ES PCB-1	84	
PCB-81 344'5'-TeCB	ND	0.339			ES PCB-3	93.8	
PCB-105 233'44'-PeCB	1.21			J	ES PCB-4	94.5	
PCB-114 2344'5'-PeCB	ND	0.337			ES PCB-15	92	
PCB-118 23'44'5'-PeCB	2.94				ES PCB-19	89.9	
PCB-123 23'44'5'-PeCB	ND	0.334			ES PCB-37	95.9	
PCB-126 33'44'5'-PeCB	ND	0.347			ES PCB-54	105	
PCB-156/157 233'44'5'/233'44'5'-HxCB	EMPC		0.487	J C	ES PCB-77	96.2	
PCB-167 23'44'55'-HxCB	ND	0.317			ES PCB-81	94.9	
PCB-169 33'44'55'-HxCB	ND	0.355			ES PCB-104	99.1	
PCB-189 233'44'55'-HpCB	ND	0.283			ES PCB-105	99.2	
					ES PCB-114	98.7	
<b>TEQs (WHO M/H)</b>					ES PCB-118	95.4	
					ES PCB-123	97.4	
ND = 0	0.000124		0.000139		ES PCB-126	95.6	
ND = 0.5 x DL	0.0229		0.0229		ES PCB-153	93.9	
					ES PCB-155	91.7	
<b>Totals</b>					ES PCB-156/157	97.3	
					ES PCB-167	93.9	
Mono-CBs	1.02		1.33		ES PCB-169	99.8	
Di-CBs	20.6				ES PCB-170	88.6	
Tri-CBs	12.4		13.5		ES PCB-180	85.7	
Tetra-CBs	24.2		25.6		ES PCB-188	94.9	
Penta-CBs	18				ES PCB-189	94.6	
Hexa-CBs	4.33		8.62		ES PCB-202	93.6	
Hepta-CBs	2.54		3.22		ES PCB-205	101	
Octa-CBs			0.768		ES PCB-206	102	
Nona-CBs	ND	0.784			ES PCB-208	89.8	
PCB-209 DeCB	ND	0.397			ES PCB-209	104	
					CS PCB-28	98.9	
Mono-Deca	83.1		91.6		CS PCB-111	101	
					CS PCB-178	97	

ψδ

AP PCB 2010 Rev. A



2714 Exchange Drive T: 910 794-1613  
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# Sample ID: Method Blank 0\_7746\_MB001

# Method HR-PCB

Client Data		Sample Data			Laboratory Data					
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	n/a			
Project ID:	City Of New Bedford	Weight/Volume:	6.00 g	Sample ID:	MB1_7746_PCB_SDS-RJ	Date Extracted:	4-May-10			
Date Collected:	n/a	% Solids	n/a	QC Batch No.:	7746	Date Analyzed:	15-May-10			
		Units	pg/g	Checkcode:	ψδ	Time Analyzed:	20:39:09			

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	0.643	J	PCB-19	0.929	J	PCB-54	(0.168)		PCB-72	(0.275)	
PCB-2	[0.306]	J EMPC	PCB-30/18	3.17	J C	PCB-50/53	2.21	J C	PCB-68	(0.299)	
PCB-3	0.377	J	PCB-17	1.32	J	PCB-45	0.41	J	PCB-57	(0.31)	
			PCB-27	0.388	J	PCB-51	0.877	J	PCB-58	(0.286)	
<b>Conc.</b>	1.02		PCB-24	(0.127)		PCB-46	0.497	J	PCB-67	(0.255)	
<b>EMPC</b>	1.33		PCB-16	[0.82]	J EMPC	PCB-52	10.5		PCB-63	(0.299)	
			PCB-32	0.841	J	PCB-73	(0.188)		PCB-61/70/74/76	[1.07]	J EMPC C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.209)		PCB-43	(0.284)		PCB-66	0.763	J
PCB-4	[2]		PCB-23	(0.23)		PCB-69/49	2.81	J C	PCB-55	(0.289)	
PCB-10	(0.345)		PCB-26/29	0.79	J C	PCB-48	[0.394]	J EMPC	PCB-56	(0.271)	
PCB-9	[0.356]	J	PCB-25	[0.256]	J EMPC	PCB-44/47/65	4.04	J C	PCB-60	(0.265)	
PCB-7	(0.404)		PCB-31	1.28	J	PCB-59/62/75	(0.197)	C	PCB-80	(0.291)	
PCB-6	[0.823]	J	PCB-28/20	1.93	J C	PCB-42	0.445	J	PCB-79	(0.255)	
PCB-5	(0.429)		PCB-21/33	0.874	J C	PCB-41	(0.274)		PCB-78	(0.293)	
PCB-8	2.04		PCB-22	0.45	J	PCB-71/40	0.755	J C	PCB-81	(0.339)	
PCB-14	(0.389)		PCB-36	(0.183)		PCB-64	0.849	J	PCB-77	(0.351)	
PCB-11	14.6		PCB-39	(0.209)							
PCB-13/12	(0.471)	C	PCB-38	(0.219)							
PCB-15	[0.807]	J	PCB-35	(0.21)							
			PCB-37	0.413	J						
<b>Conc.</b>	20.6		<b>Conc.</b>	12.4					<b>Conc.</b>	24.2	
<b>EMPC</b>	20.6		<b>EMPC</b>	13.5					<b>EMPC</b>	25.6	



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Totals	Conc.	EMPC
Mono-Tri	34	35.4
Tetra-Hexa	46.5	52.3
Hepta-Deca	2.54	3.99
Mono-Deca	83.1	91.6

**Sample ID: Method Blank 0\_7746\_MB001**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.222)		PCB-109/119/86...	1.38	J C	PCB-155	(0.203)		PCB-165	(0.214)	
PCB-96	(0.214)		PCB-117	(0.297)		PCB-152	(0.176)		PCB-146	[0.277]	J EMPC
PCB-103	(0.324)		PCB-116/85	(0.381)	C	PCB-150	(0.211)		PCB-161	(0.206)	
PCB-94	(0.46)		PCB-110	1.96		PCB-136	[0.32]	J EMPC	PCB-153/168	[2.21]	J EMPC C
PCB-95	5.19		PCB-115	(0.271)		PCB-145	(0.204)		PCB-141	(0.231)	
PCB-100/93	(0.379)	C	PCB-82	(0.424)		PCB-148	(0.277)		PCB-130	(0.282)	
PCB-102	(0.418)		PCB-111	(0.323)		PCB-151/135	[0.449]	J EMPC C	PCB-137	(0.264)	
PCB-98	(0.359)		PCB-120	(0.273)		PCB-154	(0.224)		PCB-164	(0.178)	
PCB-88	(0.498)		PCB-108/124	(0.298)	C	PCB-144	(0.245)		PCB-163/138/129	2.8	J C
PCB-91	0.622	J	PCB-107	(0.261)		PCB-147/149	1.12	J C	PCB-160	(0.217)	
PCB-84	1.18	J	PCB-123	(0.334)		PCB-134	(0.292)		PCB-158	0.419	J
PCB-89	(0.392)		PCB-106	(0.296)		PCB-143	(0.295)		PCB-128/166	(0.299)	C
PCB-121	(0.325)		PCB-118	2.94		PCB-139/140	(0.264)	C	PCB-159	(0.257)	
PCB-92	0.442	J	PCB-122	(0.33)		PCB-131	(0.249)		PCB-162	(0.307)	
PCB-113/90/101	2.17	J C	PCB-114	(0.337)		PCB-142	(0.309)		PCB-167	(0.317)	
PCB-83	(0.425)		PCB-105	1.21	J	PCB-132	[0.547]	J EMPC	PCB-156/157	[0.487]	J EMPC C
PCB-99	0.921	J	PCB-127	(0.309)		PCB-133	(0.274)		PCB-169	(0.355)	
PCB-112	(0.29)		PCB-126	(0.347)							
			<b>Conc.</b>	18					<b>Conc.</b>	4.33	
			<b>EMPC</b>	18					<b>EMPC</b>	8.62	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	(0.208)		PCB-174	(0.305)		PCB-202	(0.239)		PCB-208	(0.731)	
PCB-179	(0.18)		PCB-177	(0.33)		PCB-201	(0.212)		PCB-207	(0.583)	
PCB-184	(0.191)		PCB-181	(0.334)		PCB-204	(0.214)		PCB-206	(0.836)	
PCB-176	(0.205)		PCB-171/173	(0.327)	C	PCB-197	(0.191)				
PCB-186	(0.185)		PCB-172	(0.32)		PCB-200	(0.22)		<b>Conc.</b>	0	
PCB-178	(0.227)		PCB-192	(0.267)		PCB-198/199	[0.295]	J EMPC C	<b>EMPC</b>	0	
PCB-175	(0.334)		PCB-180/193	1.98	J C	PCB-196	(0.253)				
PCB-187	0.564	J	PCB-191	(0.268)		PCB-203	(0.243)		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	(0.297)		PCB-170	[0.404]	J EMPC	PCB-195	(0.25)		PCB-209	(0.397)	
PCB-183	[0.277]	J EMPC	PCB-190	(0.258)		PCB-194	[0.473]	J EMPC			
PCB-185	(0.37)		PCB-189	(0.283)		PCB-205	(0.245)				
			<b>Conc.</b>	2.54		<b>Conc.</b>	0				
			<b>EMPC</b>	3.22		<b>EMPC</b>	0.768				

# Sample ID: Method Blank 0\_7775\_MB001

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:		Date Received:	n/a
Project ID:	City Of New Bedford	Weight/Volume:	13.00 g	Sample ID:	MB1_7775_PCB_SDS	Date Extracted:	13-May-10
Date Collected:	n/a	% Solids	n/a	QC Batch No.:	7775	Date Analyzed:	17-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	ND	0.163			ES PCB-1	89.6	
PCB-81 344'5'-TeCB	ND	0.158			ES PCB-3	97.4	
PCB-105 233'44'-PeCB	0.598			J	ES PCB-4	104	
PCB-114 2344'5'-PeCB	ND	0.185			ES PCB-15	113	
PCB-118 23'44'5'-PeCB	3.52				ES PCB-19	108	
PCB-123 23'44'5'-PeCB	ND	0.197			ES PCB-37	113	
PCB-126 33'44'5'-PeCB	ND	0.244			ES PCB-54	123	
PCB-156/157 233'44'5'/233'44'5'-HxCB	ND	0.408		C	ES PCB-77	110	
PCB-167 23'44'55'-HxCB	ND	0.299			ES PCB-81	115	
PCB-169 33'44'55'-HxCB	ND	0.395			ES PCB-104	111	
PCB-189 233'44'55'-HpCB	ND	0.126			ES PCB-105	117	
					ES PCB-114	112	
<b>TEQs (WHO M/H)</b>					ES PCB-118	114	
					ES PCB-123	110	
ND = 0	0.000123		0.000123		ES PCB-126	114	
ND = 0.5 x DL	0.0183		0.0183		ES PCB-153	110	
					ES PCB-155	103	
<b>Totals</b>					ES PCB-156/157	116	
					ES PCB-167	111	
Mono-CBs	1.26				ES PCB-169	114	
Di-CBs	6.44				ES PCB-170	106	
Tri-CBs	6.5		6.84		ES PCB-180	96.6	
Tetra-CBs	17.6		18.3		ES PCB-188	105	
Penta-CBs	22.2				ES PCB-189	107	
Hexa-CBs	9.66				ES PCB-202	114	
Hepta-CBs	0.424		2		ES PCB-205	107	
Octa-CBs	1.59		1.96		ES PCB-206	107	
Nona-CBs			0.644		ES PCB-208	101	
PCB-209 DeCB	ND	0.232			ES PCB-209	109	
					CS PCB-28	104	
Mono-Deca	65.7		69.3		CS PCB-111	106	
					CS PCB-178	110	

βp

AP PCB 2010 Rev. A



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# Sample ID: Method Blank 0\_7775\_MB001

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:				Date Received:	n/a	
Project ID:	City Of New Bedford	Weight/Volume:	13.00 g		Sample ID:	MB1_7775_PCB_SDS			Date Extracted:	13-May-10	
Date Collected:	n/a	% Solids	n/a		QC Batch No.:	7775			Date Analyzed:	17-May-10	
		Units	pg/g		Checkcode:	βp			Time Analyzed:	01:48:32	

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	0.579	J B	PCB-19	0.431	J B	PCB-54	(0.0534)		PCB-72	(0.121)	
PCB-2	0.328	J	PCB-30/18	1.72	B C	PCB-50/53	1.07	J C	PCB-68	0.159	J
PCB-3	0.35	J	PCB-17	0.691	J B	PCB-45	[0.206]	J EMPC	PCB-57	(0.14)	
			PCB-27	0.204	J B	PCB-51	0.407	J	PCB-58	(0.128)	
<b>Conc.</b>	1.26		PCB-24	(0.0538)		PCB-46	0.29	J	PCB-67	(0.113)	
<b>EMPC</b>	1.26		PCB-16	0.522	J B	PCB-52	6.48		PCB-63	(0.135)	
			PCB-32	0.374	J B	PCB-73	(0.0774)		PCB-61/70/74/76	1.53	J C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.0758)		PCB-43	(0.108)		PCB-66	0.898	
PCB-4	1.07	B	PCB-23	(0.0847)		PCB-69/49	2.49	C	PCB-55	(0.131)	
PCB-10	(0.106)		PCB-26/29	[0.341]	J EMPC C	PCB-48	0.242	J	PCB-56	[0.131]	J EMPC
PCB-9	[0.145]	J B	PCB-25	0.12	J	PCB-44/47/65	3.03	C	PCB-60	(0.124)	
PCB-7	[0.0797]	J	PCB-31	0.756	J	PCB-59/62/75	0.2	J C	PCB-80	(0.136)	
PCB-6	[0.397]	J B	PCB-28/20	0.777	J C	PCB-42	0.34	J	PCB-79	(0.114)	
PCB-5	(0.107)		PCB-21/33	0.5	J C	PCB-41	(0.102)		PCB-78	(0.135)	
PCB-8	1.01	B	PCB-22	0.241	J	PCB-71/40	[0.384]	J EMPC C	PCB-81	(0.158)	
PCB-14	(0.0994)		PCB-36	(0.0694)		PCB-64	0.449	J	PCB-77	(0.163)	
PCB-11	3.24	B	PCB-39	(0.0797)							
PCB-13/12	[0.14]	J C	PCB-38	(0.0824)							
PCB-15	[0.362]	J	PCB-35	(0.0791)							
			PCB-37	0.165	J						
<b>Conc.</b>	6.44		<b>Conc.</b>	6.5					<b>Conc.</b>	17.6	
<b>EMPC</b>	6.44		<b>EMPC</b>	6.84					<b>EMPC</b>	18.3	



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Totals	Conc.	EMPC
Mono-Tri	14.2	14.5
Tetra-Hexa	49.5	50.2
Hepta-Deca	2.01	4.61
Mono-Deca	65.7	69.3



**Sample ID: Method Blank 0\_7775\_MB001**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.108)		PCB-109/119/86...	1.42	J C	PCB-155	(0.103)		PCB-165	(0.116)	
PCB-96	(0.1)		PCB-117	(0.155)		PCB-152	(0.0905)		PCB-146	0.817	
PCB-103	(0.169)		PCB-116/85	(0.215)	C	PCB-150	(0.109)		PCB-161	(0.112)	
PCB-94	(0.242)		PCB-110	1.67		PCB-136	0.354	J	PCB-153/168	3.42	C
PCB-95	3.6		PCB-115	(0.152)		PCB-145	(0.106)		PCB-141	(0.126)	
PCB-100/93	(0.198)	C	PCB-82	(0.229)		PCB-148	(0.149)		PCB-130	(0.159)	
PCB-102	(0.218)		PCB-111	(0.177)		PCB-151/135	0.761	J C	PCB-137	(0.152)	
PCB-98	(0.189)		PCB-120	(0.148)		PCB-154	(0.121)		PCB-164	(0.0979)	
PCB-88	(0.272)		PCB-108/124	(0.161)	C	PCB-144	(0.13)		PCB-163/138/129	1.97	J C
PCB-91	0.617	J	PCB-107	0.368	J	PCB-147/149	1.84	C	PCB-160	(0.135)	
PCB-84	0.718	J	PCB-123	(0.197)		PCB-134	(0.169)		PCB-158	(0.103)	
PCB-89	(0.207)		PCB-106	(0.16)		PCB-143	(0.146)		PCB-128/166	(0.279)	C
PCB-121	(0.171)		PCB-118	3.52		PCB-139/140	(0.142)	C	PCB-159	(0.245)	
PCB-92	1.15		PCB-122	(0.175)		PCB-131	(0.138)		PCB-162	(0.286)	
PCB-113/90/101	4.9	C	PCB-114	(0.185)		PCB-142	(0.166)		PCB-167	(0.299)	
PCB-83	(0.215)		PCB-105	0.598	J	PCB-132	0.501	J	PCB-156/157	(0.408)	C
PCB-99	3.66		PCB-127	(0.175)		PCB-133	(0.151)		PCB-169	(0.395)	
PCB-112	(0.158)		PCB-126	(0.244)							
			<b>Conc.</b>	22.2					<b>Conc.</b>	9.66	
			<b>EMPC</b>	22.2					<b>EMPC</b>	9.66	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	(0.0956)		PCB-174	(0.136)		PCB-202	(0.0958)		PCB-208	(0.353)	
PCB-179	(0.08)		PCB-177	(0.149)		PCB-201	(0.086)		PCB-207	(0.302)	
PCB-184	(0.0869)		PCB-181	(0.159)		PCB-204	(0.0873)		PCB-206	[0.644]	J EMPC
PCB-176	(0.0918)		PCB-171/173	(0.154)	C	PCB-197	(0.0754)				
PCB-186	(0.0828)		PCB-172	(0.153)		PCB-200	(0.0927)		<b>Conc.</b>	0	
PCB-178	(0.106)		PCB-192	(0.131)		PCB-198/199	[0.374]	J EMPC C	<b>EMPC</b>	0.644	
PCB-175	(0.147)		PCB-180/193	[1.25]	J EMPC C	PCB-196	(0.116)				
PCB-187	[0.331]	J EMPC	PCB-191	(0.13)		PCB-203	0.376	J	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	(0.132)		PCB-170	0.424	J	PCB-195	(0.242)		PCB-209	(0.232)	
PCB-183	(0.126)		PCB-190	(0.145)		PCB-194	1.22				
PCB-185	(0.171)		PCB-189	(0.126)		PCB-205	(0.287)				
			<b>Conc.</b>	0.424		<b>Conc.</b>	1.59				
			<b>EMPC</b>	2		<b>EMPC</b>	1.96				

# Sample ID: HG-2 (0-1)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	9.96 g	Sample ID:	P2164_7746_PCB_001-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	76.8 %	QC Batch No.:	7746	Date Analyzed:	15-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	102				ES PCB-1	73.4	
PCB-81 344'5'-TeCB	5.34				ES PCB-3	85.6	
PCB-105 233'44'-PeCB	4,740			E	ES PCB-4	85.5	
PCB-114 2344'5'-PeCB	134				ES PCB-15	96.2	
PCB-118 23'44'5'-PeCB	12,200			E	ES PCB-19	90.5	
PCB-123 23'44'5'-PeCB	312				ES PCB-37	98.5	
PCB-126 33'44'5'-PeCB	41.1				ES PCB-54	95	
PCB-156/157 233'44'5'/233'44'5'-HxCB	2,710			C	ES PCB-77	107	
PCB-167 23'44'55'-HxCB	1,060				ES PCB-81	105	
PCB-169 33'44'55'-HxCB	ND	2.4			ES PCB-104	94.1	
PCB-189 233'44'55'-HpCB	154				ES PCB-105	101	
					ES PCB-114	103	
<b>TEQs (WHO M/H)</b>					ES PCB-118	100	
					ES PCB-123	104	
ND = 0	4.76			4.76	ES PCB-126	103	
ND = 0.5 x DL	4.8			4.8	ES PCB-153	93.9	
					ES PCB-155	87.1	
<b>Totals</b>					ES PCB-156/157	87.6	
					ES PCB-167	93	
Mono-CBs	26.3				ES PCB-169	80.6	
Di-CBs	148				ES PCB-170	95.6	
Tri-CBs	378			381	ES PCB-180	91.9	
Tetra-CBs	7,630			7,640	ES PCB-188	92.4	
Penta-CBs	93,200				ES PCB-189	96	
Hexa-CBs	89,200				ES PCB-202	93.6	
Hepta-CBs	33,500				ES PCB-205	99.7	
Octa-CBs	9,940			9,940	ES PCB-206	107	
Nona-CBs	8,690				ES PCB-208	91.9	
PCB-209 DeCB	12,300			E	ES PCB-209	107	
					CS PCB-28	97.9	
Mono-Deca	255,000			255,000	CS PCB-111	100	
					CS PCB-178	95.6	

VX

AP PCB 2010 Rev. A



2714 Exchange Drive T: 910 794-1613  
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# Sample ID: HG-2 (0-1)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	9.96 g		Sample ID:	P2164_7746_PCB_001-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	76.8 %		QC Batch No.:	7746		Date Analyzed:	15-May-10		
		Units	pg/g		Checkcode:	vχ		Time Analyzed:	21:35:16		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	9.78	B	PCB-19	4.89	B	PCB-54	0.442	J	PCB-72	49.3	
PCB-2	4.82	B	PCB-30/18	27.5	B C	PCB-50/53	46.5	B C	PCB-68	35.6	
PCB-3	11.7	B	PCB-17	12.1	B	PCB-45	19.3		PCB-57	[2.31]	EMPC
			PCB-27	3.55	B	PCB-51	6.71	B	PCB-58	6.79	
<b>Conc.</b>	26.3		PCB-24	0.503	J	PCB-46	7.22	B	PCB-67	8.79	
<b>EMPC</b>	26.3		PCB-16	11.4	B	PCB-52	2,340	E	PCB-63	15.2	
			PCB-32	11.2	B	PCB-73	2.59		PCB-61/70/74/76	1,790	C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.314)		PCB-43	4.4		PCB-66	577	
PCB-4	8.83	B	PCB-23	(0.347)		PCB-69/49	932	C	PCB-55	2.73	
PCB-10	[0.514]	J	PCB-26/29	22	B C	PCB-48	14.1	B	PCB-56	163	
PCB-9	[1.47]	B	PCB-25	9.22	B	PCB-44/47/65	820	C	PCB-60	41	
PCB-7	[1.09]		PCB-31	59.8		PCB-59/62/75	39.6	C	PCB-80	(0.768)	
PCB-6	5.09	B	PCB-28/20	75	C	PCB-42	92.2		PCB-79	71	
PCB-5	[0.606]	J	PCB-21/33	25.7	B C	PCB-41	6.15		PCB-78	1.14	
PCB-8	19.1	B	PCB-22	20.8		PCB-71/40	106	C	PCB-81	5.34	
PCB-14	[0.227]	J	PCB-36	[0.757]	J EMPC	PCB-64	325		PCB-77	102	
PCB-11	35.7	B	PCB-39	[1.37]	EMPC						
PCB-13/12	8.2	C	PCB-38	[0.497]	J EMPC						
PCB-15	67.5		PCB-35	6.16							
			PCB-37	88.3							
<b>Conc.</b>	148		<b>Conc.</b>	378					<b>Conc.</b>	7,630	
<b>EMPC</b>	148		<b>EMPC</b>	381					<b>EMPC</b>	7,640	



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Totals	Conc.	EMPC
Mono-Tri	553	556
Tetra-Hexa	190,000	190,000
Hepta-Deca	64,400	64,400
Mono-Deca	255,000	255,000

**Sample ID: HG-2 (0-1)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.243)		PCB-109/119/86...	9,190	E C	PCB-155	0.337	J	PCB-165	3.32	
PCB-96	47.7		PCB-117	315		PCB-152	17.3		PCB-146	2,490	E
PCB-103	83.5		PCB-116/85	3,170	E C	PCB-150	20.9		PCB-161	(0.283)	
PCB-94	36.1		PCB-110	19,800	E	PCB-136	2,400	E	PCB-153/168	15,900	E C
PCB-95	9,810	E	PCB-115	140		PCB-145	7.49		PCB-141	3,140	E
PCB-100/93	69.1	C	PCB-82	1,120		PCB-148	17.7		PCB-130	1,420	
PCB-102	189		PCB-111	10.1		PCB-151/135	5,500	E C	PCB-137	1,380	
PCB-98	10.8		PCB-120	41.2		PCB-154	177		PCB-164	1,290	
PCB-88	(0.656)		PCB-108/124	656	C	PCB-144	770		PCB-163/138/129	23,200	E C
PCB-91	2,220	E	PCB-107	837		PCB-147/149	13,200	E C	PCB-160	(0.298)	
PCB-84	2,050	E	PCB-123	312		PCB-134	1,120		PCB-158	2,130	E
PCB-89	32.2		PCB-106	(0.39)		PCB-143	51		PCB-128/166	3,960	E C
PCB-121	2.15		PCB-118	12,200	E	PCB-139/140	469	C	PCB-159	130	
PCB-92	3,180	E	PCB-122	173		PCB-131	240		PCB-162	87.9	
PCB-113/90/101	14,700	E C	PCB-114	134		PCB-142	5.65		PCB-167	1,060	
PCB-83	552		PCB-105	4,740	E	PCB-132	6,010	E	PCB-156/157	2,710	E C
PCB-99	7,300	E	PCB-127	(0.419)		PCB-133	288		PCB-169	(2.4)	
PCB-112	(0.382)		PCB-126	41.1							
			<b>Conc.</b>	93,200					<b>Conc.</b>	89,200	
			<b>EMPC</b>	93,200					<b>EMPC</b>	89,200	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	4.2		PCB-174	3,900	E	PCB-202	640		PCB-208	2,410	E
PCB-179	1,270		PCB-177	2,240	E	PCB-201	291		PCB-207	161	
PCB-184	2.2		PCB-181	46.4		PCB-204	[0.861]	J EMPC	PCB-206	6,120	E
PCB-176	514		PCB-171/173	1,070	C	PCB-197	65.1				
PCB-186	1.04		PCB-172	613		PCB-200	323		<b>Conc.</b>	8,690	
PCB-178	781		PCB-192	(1.05)		PCB-198/199	2,930	E C	<b>EMPC</b>	8,690	
PCB-175	133		PCB-180/193	11,600	E C	PCB-196	990				
PCB-187	4,990	E	PCB-191	144		PCB-203	1,560		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	16.3		PCB-170	2,910	E	PCB-195	868		PCB-209	12,300	E
PCB-183	1,990		PCB-190	574		PCB-194	2,130	E			
PCB-185	468		PCB-189	154		PCB-205	132				
			<b>Conc.</b>	33,500		<b>Conc.</b>	9,940				
			<b>EMPC</b>	33,500		<b>EMPC</b>	9,940				

# Sample ID: HG-2 (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	6.19 g	Sample ID:	P2164_7746_PCB_002-SP5	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	79.4 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	5,700				ES PCB-1	85.1	
PCB-81 344'5'-TeCB	150				ES PCB-3	90.6	
PCB-105 233'44'-PeCB	142,000			E	ES PCB-4	89.2	
PCB-114 2344'5'-PeCB	5,310				ES PCB-15	99.8	
PCB-118 23'44'5'-PeCB	330,000			E	ES PCB-19	90.1	
PCB-123 23'44'5'-PeCB	7,560			E	ES PCB-37	104	
PCB-126 33'44'5'-PeCB	910				ES PCB-54	90.2	
PCB-156/157 233'44'5'/233'44'5'-HxCB	65,100			E C	ES PCB-77	108	
PCB-167 23'44'55'-HxCB	23,700			E	ES PCB-81	103	
PCB-169 33'44'55'-HxCB	ND	32.9			ES PCB-104	81	
PCB-189 233'44'55'-HpCB	2,490				ES PCB-105	92.4	
					ES PCB-114	89.4	
<b>TEQs (WHO M/H)</b>					ES PCB-118	98.2	
					ES PCB-123	91.8	
ND = 0	109			109	ES PCB-126	98.9	
ND = 0.5 x DL	109			109	ES PCB-153	90	
					ES PCB-155	70.7	
<b>Totals</b>					ES PCB-156/157	76.1	
					ES PCB-167	82.9	
Mono-CBs	366				ES PCB-169	89	
Di-CBs	2,240			2,250	ES PCB-170	90.8	
Tri-CBs	9,090			9,110	ES PCB-180	92.8	
Tetra-CBs	313,000				ES PCB-188	77.4	
Penta-CBs	2,440,000				ES PCB-189	91.3	
Hexa-CBs	1,650,000				ES PCB-202	84.3	
Hepta-CBs	362,000				ES PCB-205	93.9	
Octa-CBs	82,600				ES PCB-206	130	
Nona-CBs	22,400				ES PCB-208	90.7	
PCB-209 DeCB	22,500			E	ES PCB-209	102	
					CS PCB-28	100	
Mono-Deca	4,890,000			4,890,000	CS PCB-111	89.4	
					CS PCB-178	84.6	

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AP PCB 2010 Rev. A



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# Sample ID: HG-2 (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	6.19 g	Sample ID:	P2164_7746_PCB_002-SP5	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	79.4 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
		Units	pg/g	Checkcode:	χδ	Time Analyzed:	17:19:05

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	115		PCB-19	122		PCB-54	26		PCB-72	939	
PCB-2	70.7		PCB-30/18	553	C	PCB-50/53	2,590	C	PCB-68	809	
PCB-3	180		PCB-17	236		PCB-45	1,030		PCB-57	(70.5)	
			PCB-27	89.2		PCB-51	329		PCB-58	(64.3)	
<b>Conc.</b>	366		PCB-24	(2.82)		PCB-46	338		PCB-67	304	
<b>EMPC</b>	366		PCB-16	218		PCB-52	97,100	E	PCB-63	622	
			PCB-32	(2.54)		PCB-73	86.8		PCB-61/70/74/76	74,500	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	14.4		PCB-43	177		PCB-66	26,500	E
PCB-4	133		PCB-23	(3.52)		PCB-69/49	26,100	E C	PCB-55	(65.2)	
PCB-10	[8.41]	EMPC	PCB-26/29	536	C	PCB-48	806		PCB-56	8,070	E
PCB-9	25.8		PCB-25	215		PCB-44/47/65	36,800	E C	PCB-60	2,120	
PCB-7	14.9		PCB-31	1,440		PCB-59/62/75	1,370	C	PCB-80	(69.2)	
PCB-6	85.2		PCB-28/20	1,800	C	PCB-42	4,380	E	PCB-79	2,690	
PCB-5	[7.47]	EMPC	PCB-21/33	577	C	PCB-41	207		PCB-78	(68.2)	
PCB-8	348		PCB-22	440		PCB-71/40	5,790	E C	PCB-81	150	
PCB-14	(7.44)		PCB-36	(2.83)		PCB-64	13,100	E	PCB-77	5,700	E
PCB-11	157		PCB-39	79							
PCB-13/12	128	C	PCB-38	[15.9]	EMPC						
PCB-15	1,350		PCB-35	130							
			PCB-37	2,640							
<b>Conc.</b>	2,240		<b>Conc.</b>	9,090					<b>Conc.</b>	313,000	
<b>EMPC</b>	2,250		<b>EMPC</b>	9,110					<b>EMPC</b>	313,000	



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Totals	Conc.	EMPC
Mono-Tri	11,700	11,700
Tetra-Hexa	4,390,000	4,390,000
Hepta-Deca	489,000	489,000
Mono-Deca	4,890,000	4,890,000

# Sample ID: HG-2 (1-3)

# Method HR-PCB

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	13.8		PCB-109/119/86...	277,000	E C	PCB-155	(6.2)		PCB-165	(5.17)	
PCB-96	2,140		PCB-117	7,580	E	PCB-152	466		PCB-146	42,100	E
PCB-103	1,980		PCB-116/85	74,300	E C	PCB-150	507		PCB-161	(4.99)	
PCB-94	(139)		PCB-110	433,000	E	PCB-136	56,600	E	PCB-153/168	263,000	E C
PCB-95	284,000	E	PCB-115	(79.9)		PCB-145	233		PCB-141	58,400	E
PCB-100/93	(115)	C	PCB-82	41,900	E	PCB-148	305		PCB-130	29,600	E
PCB-102	7,380	E	PCB-111	221		PCB-151/135	85,700	E C	PCB-137	31,500	E
PCB-98	(115)		PCB-120	(85.2)		PCB-154	3,230		PCB-164	23,700	E
PCB-88	(143)		PCB-108/124	15,700	E C	PCB-144	14,700	E	PCB-163/138/129	421,000	E C
PCB-91	56,800	E	PCB-107	19,600	E	PCB-147/149	214,000	E C	PCB-160	(5.56)	
PCB-84	88,700	E	PCB-123	7,560	E	PCB-134	25,000	E	PCB-158	47,500	E
PCB-89	(121)		PCB-106	(93.3)		PCB-143	(6.81)		PCB-128/166	87,500	E C
PCB-121	(98.6)		PCB-118	330,000	E	PCB-139/140	9,640	E C	PCB-159	1,500	
PCB-92	77,400	E	PCB-122	4,680	E	PCB-131	6,260	E	PCB-162	1,820	
PCB-113/90/101	383,000	E C	PCB-114	5,310	E	PCB-142	(7.33)		PCB-167	23,700	E
PCB-83	15,200	E	PCB-105	142,000	E	PCB-132	128,000	E	PCB-156/157	65,100	E C
PCB-99	160,000	E	PCB-127	(103)		PCB-133	4,960	E	PCB-169	(32.9)	
PCB-112	(88.2)		PCB-126	910							
			<b>Conc.</b>	2,440,000					<b>Conc.</b>	1,650,000	
			<b>EMPC</b>	2,440,000					<b>EMPC</b>	1,650,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	57.5		PCB-174	38,500	E	PCB-202	5,100	E	PCB-208	7,150	E
PCB-179	18,500	E	PCB-177	22,500	E	PCB-201	2,610		PCB-207	1,520	
PCB-184	49.2		PCB-181	1,020		PCB-204	(4.9)		PCB-206	13,700	E
PCB-176	6,970	E	PCB-171/173	14,500	E C	PCB-197	580				
PCB-186	26.8		PCB-172	7,050	E	PCB-200	2,780		<b>Conc.</b>	22,400	
PCB-178	8,280	E	PCB-192	(13)		PCB-198/199	24,100	E C	<b>EMPC</b>	22,400	
PCB-175	1,750		PCB-180/193	122,000	E C	PCB-196	9,590	E			
PCB-187	41,500	E	PCB-191	1,940		PCB-203	13,300	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	(12.9)		PCB-170	40,400	E	PCB-195	6,170	E	PCB-209	22,500	E
PCB-183	21,800	E	PCB-190	8,950	E	PCB-194	17,300	E			
PCB-185	3,130		PCB-189	2,490		PCB-205	1,090				
			<b>Conc.</b>	362,000		<b>Conc.</b>	82,600				
			<b>EMPC</b>	362,000		<b>EMPC</b>	82,600				

# Sample ID: HG-2 (5-7)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	7.76 g	Sample ID:	P2164_7746_PCB_003-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	82.1 %	QC Batch No.:	7746	Date Analyzed:	15-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	2,870				ES PCB-1	85.5	
PCB-81 344'5'-TeCB	95				ES PCB-3	96.1	
PCB-105 233'44'-PeCB	88,700			E	ES PCB-4	89.1	
PCB-114 2344'5'-PeCB	3,150				ES PCB-15	99.6	
PCB-118 23'44'5'-PeCB	256,000			E	ES PCB-19	99.2	
PCB-123 23'44'5'-PeCB	4,900				ES PCB-37	95.6	
PCB-126 33'44'5'-PeCB	601				ES PCB-54	89.5	
PCB-156/157 233'44'5'/233'44'5'-HxCB	38,600			E C	ES PCB-77	92.9	
PCB-167 23'44'55'-HxCB	13,500			E	ES PCB-81	91.3	
PCB-169 33'44'55'-HxCB	ND	14.2			ES PCB-104	93.3	
PCB-189 233'44'55'-HpCB	1,230				ES PCB-105	95.3	
					ES PCB-114	90.2	
<b>TEQs (WHO M/H)</b>					ES PCB-118	91.8	
					ES PCB-123	94.4	
ND = 0	72.6			72.6	ES PCB-126	91.6	
ND = 0.5 x DL	72.8			72.8	ES PCB-153	90.7	
					ES PCB-155	80.3	
<b>Totals</b>					ES PCB-156/157	82.7	
					ES PCB-167	84.7	
Mono-CBs	225				ES PCB-169	87.4	
Di-CBs	1,700				ES PCB-170	94.3	
Tri-CBs	12,000			12,000	ES PCB-180	100	
Tetra-CBs	434,000				ES PCB-188	87.5	
Penta-CBs	2,000,000				ES PCB-189	93.4	
Hexa-CBs	1,060,000			1,060,000	ES PCB-202	85.7	
Hepta-CBs	170,000			170,000	ES PCB-205	94.6	
Octa-CBs	29,100				ES PCB-206	103	
Nona-CBs	14,100				ES PCB-208	92.2	
PCB-209 DeCB	12,900			E	ES PCB-209	96	
					CS PCB-28	92.2	
Mono-Deca	3,730,000			3,730,000	CS PCB-111	93.5	
					CS PCB-178	90.3	

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AP PCB 2010 Rev. A



2714 Exchange Drive T: 910 794-1613  
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# Sample ID: HG-2 (5-7)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	7.76 g		Sample ID:	P2164_7746_PCB_003-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	82.1 %		QC Batch No.:	7746		Date Analyzed:	15-May-10		
		Units	pg/g		Checkcode:	v̄w		Time Analyzed:	23:25:10		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	50.8		PCB-19	85		PCB-54	13.8		PCB-72	1,470	
PCB-2	81.7		PCB-30/18	416	C	PCB-50/53	3,620	E C	PCB-68	11,600	E
PCB-3	92.2		PCB-17	172		PCB-45	805		PCB-57	143	
			PCB-27	93.9		PCB-51	585		PCB-58	277	
<b>Conc.</b>	225		PCB-24	15.8		PCB-46	550		PCB-67	324	
<b>EMPC</b>	225		PCB-16	116		PCB-52	160,000	E	PCB-63	763	
			PCB-32	287		PCB-73	1,140		PCB-61/70/74/76	66,500	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	227		PCB-43	247		PCB-66	32,700	E
PCB-4	77.6	B	PCB-23	8.07		PCB-69/49	44,100	E C	PCB-55	91.5	
PCB-10	[5.44]		PCB-26/29	1,780	C	PCB-48	812		PCB-56	6,980	E
PCB-9	41.7		PCB-25	838		PCB-44/47/65	61,100	E C	PCB-60	1,680	
PCB-7	[20]		PCB-31	1,440		PCB-59/62/75	1,470	C	PCB-80	648	
PCB-6	89.7		PCB-28/20	1,360	C	PCB-42	7,040	E	PCB-79	2,140	
PCB-5	[10.3]		PCB-21/33	512	C	PCB-41	121		PCB-78	(37.2)	
PCB-8	183		PCB-22	275		PCB-71/40	9,620	E C	PCB-81	95	
PCB-14	96.5		PCB-36	257		PCB-64	14,600	E	PCB-77	2,870	E
PCB-11	257	B	PCB-39	2,670	E						
PCB-13/12	483	C	PCB-38	[11.4]	EMPC						
PCB-15	432		PCB-35	151							
			PCB-37	1,260							
<b>Conc.</b>	1,700		<b>Conc.</b>	12,000					<b>Conc.</b>	434,000	
<b>EMPC</b>	1,700		<b>EMPC</b>	12,000					<b>EMPC</b>	434,000	



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Totals	Conc.	EMPC
Mono-Tri	13,900	13,900
Tetra-Hexa	3,490,000	3,490,000
Hepta-Deca	226,000	226,000
Mono-Deca	3,730,000	3,730,000

# Sample ID: HG-2 (5-7)

# Method HR-PCB

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	15.5		PCB-109/119/86...	227,000	E C	PCB-155	[4.59]	EMPC	PCB-165	42	
PCB-96	1,570		PCB-117	5,410	E	PCB-152	290		PCB-146	28,000	E
PCB-103	2,100		PCB-116/85	55,200	E C	PCB-150	351		PCB-161	23.3	
PCB-94	1,300		PCB-110	344,000	E	PCB-136	34,300	E	PCB-153/168	167,000	E C
PCB-95	244,000	E	PCB-115	3,050	E	PCB-145	150		PCB-141	34,500	E
PCB-100/93	1,790	C	PCB-82	33,900	E	PCB-148	224		PCB-130	18,600	E
PCB-102	8,170	E	PCB-111	191		PCB-151/135	58,200	E C	PCB-137	19,000	E
PCB-98	421		PCB-120	809		PCB-154	2,450		PCB-164	15,000	E
PCB-88	(33.1)		PCB-108/124	10,200	E C	PCB-144	9,630	E	PCB-163/138/129	265,000	E C
PCB-91	45,900	E	PCB-107	15,500	E	PCB-147/149	150,000	E C	PCB-160	(3.8)	
PCB-84	87,400	E	PCB-123	4,900	E	PCB-134	16,400	E	PCB-158	27,600	E
PCB-89	1,780		PCB-106	(19.7)		PCB-143	958		PCB-128/166	53,400	E C
PCB-121	2,990	E	PCB-118	256,000	E	PCB-139/140	6,790	E C	PCB-159	581	
PCB-92	64,800	E	PCB-122	3,080	E	PCB-131	4,140	E	PCB-162	1,180	
PCB-113/90/101	331,000	E C	PCB-114	3,150	E	PCB-142	64.5		PCB-167	13,500	E
PCB-83	15,700	E	PCB-105	88,700	E	PCB-132	85,700	E	PCB-156/157	38,600	E C
PCB-99	141,000	E	PCB-127	(21.3)		PCB-133	3,330	E	PCB-169	(14.2)	
PCB-112	(19.3)		PCB-126	601							
			<b>Conc.</b>	2,000,000					<b>Conc.</b>	1,060,000	
			<b>EMPC</b>	2,000,000					<b>EMPC</b>	1,060,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	34		PCB-174	18,700	E	PCB-202	1,810		PCB-208	4,220	E
PCB-179	7,330	E	PCB-177	11,800	E	PCB-201	931		PCB-207	665	
PCB-184	[22.1]	EMPC	PCB-181	573		PCB-204	5.37		PCB-206	9,250	E
PCB-176	3,000	E	PCB-171/173	7,700	E C	PCB-197	220				
PCB-186	[12.4]	EMPC	PCB-172	3,290	E	PCB-200	890		<b>Conc.</b>	14,100	
PCB-178	3,150	E	PCB-192	(5.96)		PCB-198/199	7,700	E C	<b>EMPC</b>	14,100	
PCB-175	910		PCB-180/193	54,600	E C	PCB-196	3,000	E			
PCB-187	19,400	E	PCB-191	901		PCB-203	4,500	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	179		PCB-170	19,800	E	PCB-195	2,710	E	PCB-209	12,900	E
PCB-183	10,800	E	PCB-190	4,390	E	PCB-194	6,940	E			
PCB-185	1,840		PCB-189	1,230		PCB-205	399				
			<b>Conc.</b>	170,000		<b>Conc.</b>	29,100				
			<b>EMPC</b>	170,000		<b>EMPC</b>	29,100				

# Sample ID: HB-26 (0-1)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	11.61 g	Sample ID:	P2164_7746_PCB_004-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	85.1 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	142				ES PCB-1	75.5	
PCB-81 344'5'-TeCB	11.4				ES PCB-3	87.2	
PCB-105 233'44'-PeCB	9,160			E	ES PCB-4	86.9	
PCB-114 2344'5'-PeCB	249				ES PCB-15	99	
PCB-118 23'44'5'-PeCB	21,300			E	ES PCB-19	92.1	
PCB-123 23'44'5'-PeCB	599				ES PCB-37	95.9	
PCB-126 33'44'5'-PeCB	55				ES PCB-54	92.8	
PCB-156/157 233'44'5'/233'44'5'-HxCB	5,320			C	ES PCB-77	101	
PCB-167 23'44'55'-HxCB	2,170				ES PCB-81	96.3	
PCB-169 33'44'55'-HxCB	ND	3.36			ES PCB-104	96.6	
PCB-189 233'44'55'-HpCB	266				ES PCB-105	98	
					ES PCB-114	97.2	
<b>TEQs (WHO M/H)</b>					ES PCB-118	93.2	
					ES PCB-123	96	
ND = 0	6.69			6.69	ES PCB-126	94.3	
ND = 0.5 x DL	6.74			6.74	ES PCB-153	91	
					ES PCB-155	91.5	
<b>Totals</b>					ES PCB-156/157	80.5	
					ES PCB-167	87.1	
Mono-CBs	20.7				ES PCB-169	86.7	
Di-CBs	167				ES PCB-170	101	
Tri-CBs	694			697	ES PCB-180	97	
Tetra-CBs	16,700				ES PCB-188	91.7	
Penta-CBs	186,000				ES PCB-189	91.9	
Hexa-CBs	172,000				ES PCB-202	92.6	
Hepta-CBs	49,600				ES PCB-205	95.1	
Octa-CBs	12,600				ES PCB-206	97.7	
Nona-CBs	10,200				ES PCB-208	94.6	
PCB-209 DeCB	16,900			E	ES PCB-209	99.9	
					CS PCB-28	94.4	
Mono-Deca	465,000			465,000	CS PCB-111	99.8	
					CS PCB-178	92.8	

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# Sample ID: HB-26 (0-1)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	11.61 g		Sample ID:	P2164_7746_PCB_004-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	85.1 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	λπ		Time Analyzed:	00:20:19		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	4.74	B	PCB-19	7.42	B	PCB-54	0.583	J	PCB-72	101	
PCB-2	5.82	B	PCB-30/18	42.4	B C	PCB-50/53	92.5	B C	PCB-68	71.8	
PCB-3	10.1	B	PCB-17	19.2	B	PCB-45	28.3		PCB-57	5.17	
			PCB-27	6.72	B	PCB-51	11.6	B	PCB-58	16.5	
<b>Conc.</b>	20.7		PCB-24	0.901		PCB-46	13.9	B	PCB-67	11.8	
<b>EMPC</b>	20.7		PCB-16	18	B	PCB-52	5,540	E	PCB-63	38	
			PCB-32	21.1	B	PCB-73	7.23		PCB-61/70/74/76	3,470	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	[0.55]	J EMPC	PCB-43	7.87		PCB-66	1,380	
PCB-4	10.2	B	PCB-23	(0.522)		PCB-69/49	1,570	C	PCB-55	4.55	
PCB-10	[0.589]	J	PCB-26/29	63.8	C	PCB-48	28		PCB-56	427	
PCB-9	[1.47]	B	PCB-25	26.5		PCB-44/47/65	1,950	E C	PCB-60	99.5	
PCB-7	[0.982]		PCB-31	109		PCB-59/62/75	85	C	PCB-80	(1.66)	
PCB-6	6.47	B	PCB-28/20	145	C	PCB-42	219		PCB-79	151	
PCB-5	[0.648]	J	PCB-21/33	46.8	B C	PCB-41	5.68		PCB-78	4.26	
PCB-8	27.4	B	PCB-22	37.1		PCB-71/40	281	C	PCB-81	11.4	
PCB-14	(0.541)		PCB-36	(0.415)		PCB-64	911		PCB-77	142	
PCB-11	19.7	B	PCB-39	[2.11]	EMPC						
PCB-13/12	8.38	C	PCB-38	[0.933]	EMPC						
PCB-15	91.5		PCB-35	6.49							
			PCB-37	143							
<b>Conc.</b>	167		<b>Conc.</b>	694					<b>Conc.</b>	16,700	
<b>EMPC</b>	167		<b>EMPC</b>	697					<b>EMPC</b>	16,700	



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Totals	Conc.	EMPC
Mono-Tri	882	885
Tetra-Hexa	374,000	374,000
Hepta-Deca	89,200	89,200
Mono-Deca	465,000	465,000

**Sample ID: HB-26 (0-1)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.646)		PCB-109/119/86...	19,200	E C	PCB-155	(0.476)		PCB-165	7.42	
PCB-96	84.1		PCB-117	814		PCB-152	37.2		PCB-146	4,800	E
PCB-103	130		PCB-116/85	6,510	E C	PCB-150	41.2		PCB-161	(0.52)	
PCB-94	94.8		PCB-110	42,800	E	PCB-136	4,360	E	PCB-153/168	28,200	E C
PCB-95	19,300	E	PCB-115	448		PCB-145	15		PCB-141	5,890	E
PCB-100/93	143	C	PCB-82	2,380	E	PCB-148	36.7		PCB-130	2,970	E
PCB-102	478		PCB-111	13.8		PCB-151/135	10,200	E C	PCB-137	2,720	E
PCB-98	19.6		PCB-120	84.3		PCB-154	351		PCB-164	2,780	E
PCB-88	(1.4)		PCB-108/124	1,240	C	PCB-144	1,500		PCB-163/138/129	44,200	E C
PCB-91	4,410	E	PCB-107	1,680		PCB-147/149	25,300	E C	PCB-160	(0.546)	
PCB-84	3,880	E	PCB-123	599		PCB-134	2,400	E	PCB-158	4,260	E
PCB-89	62.6		PCB-106	(0.831)		PCB-143	153		PCB-128/166	8,430	E C
PCB-121	3.49		PCB-118	21,300	E	PCB-139/140	1,040	C	PCB-159	170	
PCB-92	6,970	E	PCB-122	340		PCB-131	545		PCB-162	176	
PCB-113/90/101	28,200	E C	PCB-114	249		PCB-142	12.8		PCB-167	2,170	E
PCB-83	1,110		PCB-105	9,160	E	PCB-132	13,000	E	PCB-156/157	5,320	E C
PCB-99	14,300	E	PCB-127	(0.902)		PCB-133	558		PCB-169	(3.36)	
PCB-112	(0.813)		PCB-126	55							
			<b>Conc.</b>	186,000					<b>Conc.</b>	172,000	
			<b>EMPC</b>	186,000					<b>EMPC</b>	172,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	6.74		PCB-174	5,610	E	PCB-202	828		PCB-208	3,030	E
PCB-179	1,980	E	PCB-177	3,420	E	PCB-201	375		PCB-207	400	
PCB-184	5.04		PCB-181	106		PCB-204	1.95		PCB-206	6,750	E
PCB-176	765		PCB-171/173	1,850	E C	PCB-197	76.5				
PCB-186	2.3		PCB-172	889		PCB-200	387		<b>Conc.</b>	10,200	
PCB-178	983		PCB-192	(1.64)		PCB-198/199	3,450	E C	<b>EMPC</b>	10,200	
PCB-175	250		PCB-180/193	16,900	E C	PCB-196	1,180				
PCB-187	6,840	E	PCB-191	234		PCB-203	1,920	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	32.5		PCB-170	4,510	E	PCB-195	1,200		PCB-209	16,900	E
PCB-183	3,080	E	PCB-190	1,070		PCB-194	2,960	E			
PCB-185	820		PCB-189	266		PCB-205	177				
			<b>Conc.</b>	49,600		<b>Conc.</b>	12,600				
			<b>EMPC</b>	49,600		<b>EMPC</b>	12,600				

# Sample ID: HB-26 (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	11.18 g	Sample ID:	P2164_7746_PCB_005-SP5	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	78.9 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	1,250				ES PCB-1	81.1	
PCB-81 344'5'-TeCB	63.7				ES PCB-3	94.6	
PCB-105 233'44'-PeCB	51,200			E	ES PCB-4	91.3	
PCB-114 2344'5'-PeCB	2,360				ES PCB-15	96.2	
PCB-118 23'44'5'-PeCB	116,000			E	ES PCB-19	91.5	
PCB-123 23'44'5'-PeCB	2,310				ES PCB-37	100	
PCB-126 33'44'5'-PeCB	327				ES PCB-54	90.4	
PCB-156/157 233'44'5'/233'44'5'-HxCB	22,300			E C	ES PCB-77	99.5	
PCB-167 23'44'55'-HxCB	7,780			E	ES PCB-81	94.3	
PCB-169 33'44'55'-HxCB	ND	11.9			ES PCB-104	99	
PCB-189 233'44'55'-HpCB	1,070				ES PCB-105	97.7	
					ES PCB-114	99	
<b>TEQs (WHO M/H)</b>					ES PCB-118	102	
					ES PCB-123	97.1	
ND = 0	38.9			38.9	ES PCB-126	96.6	
ND = 0.5 x DL	39.1			39.1	ES PCB-153	92.2	
					ES PCB-155	82.7	
<b>Totals</b>					ES PCB-156/157	75.4	
					ES PCB-167	82.8	
Mono-CBs	396				ES PCB-169	84.6	
Di-CBs	1,340		1,350		ES PCB-170	98.9	
Tri-CBs	4,870		4,880		ES PCB-180	98.3	
Tetra-CBs	99,300				ES PCB-188	88.9	
Penta-CBs	758,000		758,000		ES PCB-189	93.3	
Hexa-CBs	620,000				ES PCB-202	88.2	
Hepta-CBs	223,000				ES PCB-205	95.3	
Octa-CBs	63,800				ES PCB-206	108	
Nona-CBs	25,800				ES PCB-208	92.7	
PCB-209 DeCB	26,800			E	ES PCB-209	105	
					CS PCB-28	104	
Mono-Deca	1,820,000		1,820,000		CS PCB-111	102	
					CS PCB-178	93.4	

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# Sample ID: HB-26 (1-3)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	11.18 g		Sample ID:	P2164_7746_PCB_005-SP5		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	78.9 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	ζψ		Time Analyzed:	18:14:16		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	133		PCB-19	82.5		PCB-54	8.89		PCB-72	426	
PCB-2	120		PCB-30/18	293	C	PCB-50/53	444	C	PCB-68	294	
PCB-3	142		PCB-17	142		PCB-45	168		PCB-57	47.1	
			PCB-27	40		PCB-51	57.3		PCB-58	79.4	
<b>Conc.</b>	396		PCB-24	5.85		PCB-46	68.6		PCB-67	152	
<b>EMPC</b>	396		PCB-16	113		PCB-52	24,200	E	PCB-63	382	
			PCB-32	106		PCB-73	(0.882)		PCB-61/70/74/76	29,800	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	[5.07]	EMPC	PCB-43	60.3		PCB-66	10,900	E
PCB-4	205		PCB-23	(1.47)		PCB-69/49	7,300	E C	PCB-55	(23.8)	
PCB-10	7.04		PCB-26/29	559	C	PCB-48	229		PCB-56	3,120	E
PCB-9	30.6		PCB-25	197		PCB-44/47/65	9,320	E C	PCB-60	1,020	
PCB-7	14.7		PCB-31	773		PCB-59/62/75	461	C	PCB-80	(25.3)	
PCB-6	90.3		PCB-28/20	939	C	PCB-42	1,140		PCB-79	654	
PCB-5	[8.54]	EMPC	PCB-21/33	332	C	PCB-41	69		PCB-78	(24.9)	
PCB-8	192		PCB-22	251		PCB-71/40	1,360	C	PCB-81	63.7	
PCB-14	[2.35]		PCB-36	5.75		PCB-64	6,260	E	PCB-77	1,250	
PCB-11	216	B	PCB-39	17.4							
PCB-13/12	135	C	PCB-38	7.5							
PCB-15	447		PCB-35	110							
			PCB-37	899							
<b>Conc.</b>	1,340		<b>Conc.</b>	4,870					<b>Conc.</b>	99,300	
<b>EMPC</b>	1,350		<b>EMPC</b>	4,880					<b>EMPC</b>	99,300	



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Totals	Conc.	EMPC
Mono-Tri	6,610	6,620
Tetra-Hexa	1,480,000	1,480,000
Hepta-Deca	339,000	339,000
Mono-Deca	1,820,000	1,820,000

**Sample ID: HB-26 (1-3)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	[3.9]	EMPC	PCB-109/119/86...	78,400	E C	PCB-155	(2)		PCB-165	(2.02)	
PCB-96	513		PCB-117	4,020	E	PCB-152	156		PCB-146	16,600	E
PCB-103	553		PCB-116/85	24,400	E C	PCB-150	201		PCB-161	(1.95)	
PCB-94	388		PCB-110	143,000	E	PCB-136	20,800	E	PCB-153/168	104,000	E C
PCB-95	75,500	E	PCB-115	(18.4)		PCB-145	78.5		PCB-141	23,500	E
PCB-100/93	580	C	PCB-82	11,800	E	PCB-148	117		PCB-130	10,500	E
PCB-102	1,840	E	PCB-111	(23.2)		PCB-151/135	39,200	E C	PCB-137	9,790	E
PCB-98	(26.4)		PCB-120	332		PCB-154	1,240		PCB-164	9,550	E
PCB-88	(32.8)		PCB-108/124	5,250	E C	PCB-144	6,370	E	PCB-163/138/129	147,000	E C
PCB-91	17,700	E	PCB-107	7,880	E	PCB-147/149	88,000	E C	PCB-160	(2.17)	
PCB-84	19,400	E	PCB-123	2,310	E	PCB-134	9,880	E	PCB-158	16,800	E
PCB-89	381		PCB-106	(21.5)		PCB-143	(2.67)		PCB-128/166	29,700	E C
PCB-121	(22.7)		PCB-118	116,000	E	PCB-139/140	3,630	E C	PCB-159	897	
PCB-92	24,800	E	PCB-122	1,470		PCB-131	2,150	E	PCB-162	661	
PCB-113/90/101	109,000	E C	PCB-114	2,360	E	PCB-142	(2.87)		PCB-167	7,780	E
PCB-83	5,800	E	PCB-105	51,200	E	PCB-132	47,000	E	PCB-156/157	22,300	E C
PCB-99	52,700	E	PCB-127	240		PCB-133	1,930	E	PCB-169	(11.9)	
PCB-112	(20.3)		PCB-126	327							
			<b>Conc.</b>	758,000					<b>Conc.</b>	620,000	
			<b>EMPC</b>	758,000					<b>EMPC</b>	620,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	42.3		PCB-174	24,800	E	PCB-202	4,260	E	PCB-208	7,800	E
PCB-179	10,500	E	PCB-177	13,800	E	PCB-201	2,190	E	PCB-207	1,170	
PCB-184	27.2		PCB-181	346		PCB-204	9.57		PCB-206	16,900	E
PCB-176	4,210	E	PCB-171/173	7,560	E C	PCB-197	479				
PCB-186	8.32		PCB-172	4,000	E	PCB-200	2,160	E	<b>Conc.</b>	25,800	
PCB-178	5,090	E	PCB-192	(6.19)		PCB-198/199	18,200	E C	<b>EMPC</b>	25,800	
PCB-175	1,110		PCB-180/193	77,700	E C	PCB-196	7,400	E			
PCB-187	29,700	E	PCB-191	1,030		PCB-203	10,200	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	144		PCB-170	19,600	E	PCB-195	4,800	E	PCB-209	26,800	E
PCB-183	14,100	E	PCB-190	4,350	E	PCB-194	13,300	E			
PCB-185	3,220	E	PCB-189	1,070		PCB-205	807				
			<b>Conc.</b>	223,000		<b>Conc.</b>	63,800				
			<b>EMPC</b>	223,000		<b>EMPC</b>	63,800				



# Sample ID: HB-26D (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	10.46 g	Sample ID:	P2164_7746_PCB_006-d20	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	78.9 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	3,620				ES PCB-1	96.1	
PCB-81 344'5'-TeCB	229				ES PCB-3	101	
PCB-105 233'44'-PeCB	259,000			E	ES PCB-4	94.8	
PCB-114 2344'5'-PeCB	17,800			E	ES PCB-15	107	
PCB-118 23'44'5'-PeCB	483,000			E	ES PCB-19	101	
PCB-123 23'44'5'-PeCB	10,400			E	ES PCB-37	97.4	
PCB-126 33'44'5'-PeCB	958				ES PCB-54	99.3	
PCB-156/157 233'44'5'/233'44'5'-HxCB	104,000			E C	ES PCB-77	91.3	
PCB-167 23'44'55'-HxCB	30,800			E	ES PCB-81	94.9	
PCB-169 33'44'55'-HxCB	ND	47.9			ES PCB-104	93	
PCB-189 233'44'55'-HpCB	3,320				ES PCB-105	82.3	
					ES PCB-114	78.6	
<b>TEQs (WHO M/H)</b>					ES PCB-118	93.7	
					ES PCB-123	84.8	
ND = 0	123			123	ES PCB-126	57.4	
ND = 0.5 x DL	124			124	ES PCB-153	83.9	
					ES PCB-155	71.1	
<b>Totals</b>					ES PCB-156/157	59.7	
					ES PCB-167	63.3	
Mono-CBs	355				ES PCB-169	59.4	
Di-CBs	1,200			1,200	ES PCB-170	120	
Tri-CBs	6,920			6,930	ES PCB-180	118	
Tetra-CBs	428,000				ES PCB-188	74.2	
Penta-CBs	3,270,000				ES PCB-189	103	
Hexa-CBs	2,070,000				ES PCB-202	65	
Hepta-CBs	532,000				ES PCB-205	100	
Octa-CBs	107,000				ES PCB-206	106	
Nona-CBs	29,400				ES PCB-208	103	
PCB-209 DeCB	24,000			E	ES PCB-209	91	
					CS PCB-28	104	
Mono-Deca	6,470,000			6,470,000	CS PCB-111	85.8	
					CS PCB-178	72.5	

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# Sample ID: HB-26D (1-3)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	10.46 g		Sample ID:	P2164_7746_PCB_006-d20		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	78.9 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	ητ		Time Analyzed:	12:30:27		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	38.7		PCB-19	25.3	B	PCB-54	(2.99)		PCB-72	555	
PCB-2	120		PCB-30/18	218	C	PCB-50/53	915	C	PCB-68	373	
PCB-3	196		PCB-17	98.6		PCB-45	320		PCB-57	(93.5)	
			PCB-27	32.5		PCB-51	82.8		PCB-58	(82.5)	
<b>Conc.</b>	355		PCB-24	4.39		PCB-46	132		PCB-67	473	
<b>EMPC</b>	355		PCB-16	86.9		PCB-52	86,200	E	PCB-63	1,920	E
			PCB-32	121		PCB-73	(3.88)		PCB-61/70/74/76	174,000	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	14.6		PCB-43	167		PCB-66	44,900	E
PCB-4	44.8	B	PCB-23	(3.68)		PCB-69/49	23,600	E C	PCB-55	(85.8)	
PCB-10	(3.68)		PCB-26/29	574	C	PCB-48	1,300		PCB-56	16,700	E
PCB-9	11.9	B	PCB-25	208		PCB-44/47/65	38,500	E C	PCB-60	(80.5)	
PCB-7	9.18		PCB-31	1,350		PCB-59/62/75	891	C	PCB-80	(88.7)	
PCB-6	52.2		PCB-28/20	1,420	C	PCB-42	3,630	E	PCB-79	3,340	E
PCB-5	4.63		PCB-21/33	431	C	PCB-41	280		PCB-78	(85.7)	
PCB-8	173		PCB-22	411		PCB-71/40	6,140	E C	PCB-81	229	
PCB-14	[8.44]	EMPC	PCB-36	34.1		PCB-64	19,000	E	PCB-77	3,620	E
PCB-11	175	B	PCB-39	71							
PCB-13/12	162	C	PCB-38	[8.93]	EMPC						
PCB-15	563		PCB-35	135							
			PCB-37	1,680							
<b>Conc.</b>	1,200		<b>Conc.</b>	6,920					<b>Conc.</b>	428,000	
<b>EMPC</b>	1,200		<b>EMPC</b>	6,930					<b>EMPC</b>	428,000	



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Totals	Conc.	EMPC
Mono-Tri	8,470	8,490
Tetra-Hexa	5,770,000	5,770,000
Hepta-Deca	692,000	692,000
Mono-Deca	6,470,000	6,470,000

**Sample ID: HB-26D (1-3)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(7.23)		PCB-109/119/86...	405,000	E C	PCB-155	(5.38)		PCB-165	(6.29)	
PCB-96	1,340		PCB-117	(14.8)		PCB-152	564		PCB-146	54,400	E
PCB-103	1,630		PCB-116/85	134,000	E C	PCB-150	593		PCB-161	(6.14)	
PCB-94	1,510		PCB-110	499,000	E	PCB-136	64,200	E	PCB-153/168	310,000	E C
PCB-95	272,000	E	PCB-115	(14.3)		PCB-145	308		PCB-141	79,700	E
PCB-100/93	(19.2)	C	PCB-82	64,400	E	PCB-148	340		PCB-130	38,300	E
PCB-102	11,100	E	PCB-111	208		PCB-151/135	119,000	E C	PCB-137	42,700	E
PCB-98	(17.3)		PCB-120	(13.9)		PCB-154	4,100	E	PCB-164	29,900	E
PCB-88	(27)		PCB-108/124	25,600	E C	PCB-144	21,700	E	PCB-163/138/129	486,000	E C
PCB-91	56,900	E	PCB-107	36,100	E	PCB-147/149	278,000	E C	PCB-160	(7.12)	
PCB-84	104,000	E	PCB-123	10,400	E	PCB-134	32,400	E	PCB-158	59,200	E
PCB-89	2,830	E	PCB-106	(15.2)		PCB-143	(9.45)		PCB-128/166	119,000	E C
PCB-121	(16.7)		PCB-118	483,000	E	PCB-139/140	14,100	E C	PCB-159	2,240	E
PCB-92	101,000	E	PCB-122	7,500	E	PCB-131	9,150	E	PCB-162	2,600	E
PCB-113/90/101	520,000	E C	PCB-114	17,800	E	PCB-142	216		PCB-167	30,800	E
PCB-83	22,100	E	PCB-105	259,000	E	PCB-132	161,000	E	PCB-156/157	104,000	E C
PCB-99	234,000	E	PCB-127	1,550		PCB-133	6,410	E	PCB-169	(47.9)	
PCB-112	(14.4)		PCB-126	958							
			<b>Conc.</b>	3,270,000					<b>Conc.</b>	2,070,000	
			<b>EMPC</b>	3,270,000					<b>EMPC</b>	2,070,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	62.6		PCB-174	61,600	E	PCB-202	5,830	E	PCB-208	7,980	E
PCB-179	22,200	E	PCB-177	36,400	E	PCB-201	3,140	E	PCB-207	1,760	
PCB-184	54.6		PCB-181	1,500		PCB-204	(13)		PCB-206	19,700	E
PCB-176	9,270	E	PCB-171/173	22,600	E C	PCB-197	715				
PCB-186	40		PCB-172	9,900	E	PCB-200	3,490	E	<b>Conc.</b>	29,400	
PCB-178	9,490	E	PCB-192	(17.8)		PCB-198/199	24,900	E C	<b>EMPC</b>	29,400	
PCB-175	2,950	E	PCB-180/193	173,000	E C	PCB-196	11,400	E			
PCB-187	64,700	E	PCB-191	2,610	E	PCB-203	14,800	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	414		PCB-170	53,700	E	PCB-195	11,100	E	PCB-209	24,000	E
PCB-183	38,200	E	PCB-190	12,500	E	PCB-194	29,400	E			
PCB-185	7,160	E	PCB-189	3,320	E	PCB-205	1,780				
			<b>Conc.</b>	532,000		<b>Conc.</b>	107,000				
			<b>EMPC</b>	532,000		<b>EMPC</b>	107,000				

# Sample ID: HB-26 (3-5)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	10.80 g	Sample ID:	P2164_7775_PCB_007-d10	Date Extracted:	13-May-10
Date Collected:	15-Apr-10	% Solids	70.2 %	QC Batch No.:	7775	Date Analyzed:	17-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	3,680				ES PCB-1	96.3	
PCB-81 344'5'-TeCB	ND	127			ES PCB-3	103	
PCB-105 233'44'-PeCB	77,100			E	ES PCB-4	104	
PCB-114 2344'5'-PeCB	4,500			E	ES PCB-15	104	
PCB-118 23'44'5'-PeCB	904,000			E	ES PCB-19	104	
PCB-123 23'44'5'-PeCB	2,530				ES PCB-37	84.4	
PCB-126 33'44'5'-PeCB	ND	58.1			ES PCB-54	91.4	
PCB-156/157 233'44'5'/233'44'5'-HxCB	38,300			E C	ES PCB-77	66.4	
PCB-167 23'44'55'-HxCB	10,600			E	ES PCB-81	74.6	
PCB-169 33'44'55'-HxCB	ND	71.8			ES PCB-104	94	
PCB-189 233'44'55'-HpCB	1,400				ES PCB-105	71	
					ES PCB-114	73.1	
<b>TEQs (WHO M/H)</b>					ES PCB-118	105	
					ES PCB-123	66.5	
ND = 0	31.5			31.5	ES PCB-126	64	
ND = 0.5 x DL	35.5			35.5	ES PCB-153	122	
					ES PCB-155	91.1	
<b>Totals</b>					ES PCB-156/157	68	
					ES PCB-167	79	
Mono-CBs	865				ES PCB-169	70.7	
Di-CBs	2,900				ES PCB-170	144	
Tri-CBs	59,800				ES PCB-180	129	
Tetra-CBs	4,530,000				ES PCB-188	86.1	
Penta-CBs	9,590,000				ES PCB-189	110	
Hexa-CBs	2,170,000		2,170,000		ES PCB-202	86.9	
Hepta-CBs	218,000		218,000		ES PCB-205	83.7	
Octa-CBs	17,000				ES PCB-206	96.7	
Nona-CBs	16,400				ES PCB-208	107	
PCB-209 DeCB	16,300			E	ES PCB-209	97.9	
					CS PCB-28	96.7	
Mono-Deca	1.66E+07		1.66E+07		CS PCB-111	78.5	
					CS PCB-178	90.5	

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# Sample ID: HB-26 (3-5)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	10.80 g	Sample ID:	P2164_7775_PCB_007-d10	Date Extracted:	13-May-10
Date Collected:	15-Apr-10	% Solids	70.2 %	QC Batch No.:	7775	Date Analyzed:	17-May-10
		Units	pg/g	Checkcode:	δb	Time Analyzed:	02:43:48

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	337		PCB-19	87.4		PCB-54	12.2		PCB-72	51,100	E
PCB-2	85.9		PCB-30/18	1,580	C	PCB-50/53	17,400	E C	PCB-68	53,100	E
PCB-3	443		PCB-17	965		PCB-45	2,760	E	PCB-57	231	
			PCB-27	74		PCB-51	4,200	E	PCB-58	11,600	E
<b>Conc.</b>	865		PCB-24	10.6		PCB-46	1,810		PCB-67	1,160	
<b>EMPC</b>	865		PCB-16	358		PCB-52	885,000	E	PCB-63	34,000	E
			PCB-32	896		PCB-73	(7.31)		PCB-61/70/74/76	805,000	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	231		PCB-43	(10.2)		PCB-66	609,000	E
PCB-4	176		PCB-23	(17.2)		PCB-69/49	802,000	E C	PCB-55	(106)	
PCB-10	[10.7]		PCB-26/29	1,100	C	PCB-48	7,340	E	PCB-56	54,900	E
PCB-9	61.2		PCB-25	1,160		PCB-44/47/65	796,000	E C	PCB-60	1,760	
PCB-7	49.8		PCB-31	28,000	E	PCB-59/62/75	36,500	E C	PCB-80	(110)	
PCB-6	150		PCB-28/20	21,100	E C	PCB-42	179,000	E	PCB-79	10,700	E
PCB-5	[19.8]		PCB-21/33	1,290	C	PCB-41	(9.59)		PCB-78	(109)	
PCB-8	812		PCB-22	647		PCB-71/40	53,300	E C	PCB-81	(127)	
PCB-14	(6.3)		PCB-36	(14.1)		PCB-64	108,000	E	PCB-77	3,680	E
PCB-11	228	B	PCB-39	183							
PCB-13/12	213	C	PCB-38	244							
PCB-15	1,180		PCB-35	105							
			PCB-37	1,700							
<b>Conc.</b>	2,900		<b>Conc.</b>	59,800					<b>Conc.</b>	4,530,000	
<b>EMPC</b>	2,900		<b>EMPC</b>	59,800					<b>EMPC</b>	4,530,000	



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Totals	Conc.	EMPC
Mono-Tri	63,600	63,600
Tetra-Hexa	1.63E+07	1.63E+07
Hepta-Deca	267,000	267,000
Mono-Deca	1.66E+07	1.66E+07

**Sample ID: HB-26 (3-5)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	271		PCB-109/119/86...	769,000	E C	PCB-155	[19.7]	EMPC	PCB-165	324	
PCB-96	6,010	E	PCB-117	52,400	E	PCB-152	1,190		PCB-146	125,000	E
PCB-103	48,500	E	PCB-116/85	30,700	E C	PCB-150	2,490	E	PCB-161	(8.93)	
PCB-94	11,300	E	PCB-110	1,450,000	E	PCB-136	130,000	E	PCB-153/168	438,000	E C
PCB-95	1,220,000	E	PCB-115	18,600	E	PCB-145	360		PCB-141	14,600	E
PCB-100/93	38,000	E C	PCB-82	19,900	E	PCB-148	3,790	E	PCB-130	14,000	E
PCB-102	46,800	E	PCB-111	7,500	E	PCB-151/135	192,000	E C	PCB-137	9,500	E
PCB-98	19,200	E	PCB-120	45,100	E	PCB-154	25,700	E	PCB-164	32,900	E
PCB-88	(832)		PCB-108/124	6,870	E C	PCB-144	3,790	E	PCB-163/138/129	272,000	E C
PCB-91	261,000	E	PCB-107	206,000	E	PCB-147/149	448,000	E C	PCB-160	(10.8)	
PCB-84	483,000	E	PCB-123	2,530	E	PCB-134	57,900	E	PCB-158	14,300	E
PCB-89	7,570	E	PCB-106	(490)		PCB-143	(11.6)		PCB-128/166	43,800	E C
PCB-121	1,550		PCB-118	904,000	E	PCB-139/140	18,600	E C	PCB-159	687	
PCB-92	487,000	E	PCB-122	1,960	E	PCB-131	1,950	E	PCB-162	816	
PCB-113/90/101	1,820,000	E C	PCB-114	4,500	E	PCB-142	(13.3)		PCB-167	10,600	E
PCB-83	141,000	E	PCB-105	77,100	E	PCB-132	252,000	E	PCB-156/157	38,300	E C
PCB-99	1,410,000	E	PCB-127	(514)		PCB-133	16,100	E	PCB-169	(71.8)	
PCB-112	792		PCB-126	(58.1)							
			<b>Conc.</b>	9,590,000					<b>Conc.</b>	2,170,000	
			<b>EMPC</b>	9,590,000					<b>EMPC</b>	2,170,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	134		PCB-174	19,300	E	PCB-202	1,980	E	PCB-208	5,090	E
PCB-179	15,700	E	PCB-177	34,900	E	PCB-201	998		PCB-207	760	
PCB-184	93.1		PCB-181	624		PCB-204	(7.08)		PCB-206	10,600	E
PCB-176	7,370	E	PCB-171/173	8,150	E C	PCB-197	226				
PCB-186	[11]	EMPC	PCB-172	2,770	E	PCB-200	367		<b>Conc.</b>	16,400	
PCB-178	8,670	E	PCB-192	(20.7)		PCB-198/199	5,110	E C	<b>EMPC</b>	16,400	
PCB-175	711		PCB-180/193	41,900	E C	PCB-196	1,420				
PCB-187	46,200	E	PCB-191	788		PCB-203	1,930	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	556		PCB-170	16,100	E	PCB-195	1,290		PCB-209	16,300	E
PCB-183	8,710	E	PCB-190	2,820	E	PCB-194	3,520	E			
PCB-185	753		PCB-189	1,400		PCB-205	192				
			<b>Conc.</b>	218,000		<b>Conc.</b>	17,000				
			<b>EMPC</b>	218,000		<b>EMPC</b>	17,000				

# Sample ID: HF-31D (0-1)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	11.54 g	Sample ID:	P2164_7746_PCB_008-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	90.6 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	51.3				ES PCB-1	79	
PCB-81 344'5'-TeCB	3.71				ES PCB-3	89.2	
PCB-105 233'44'-PeCB	3,570			E	ES PCB-4	88.1	
PCB-114 2344'5'-PeCB	108				ES PCB-15	101	
PCB-118 23'44'5'-PeCB	8,370			E	ES PCB-19	94	
PCB-123 23'44'5'-PeCB	285				ES PCB-37	101	
PCB-126 33'44'5'-PeCB	25.9				ES PCB-54	97.2	
PCB-156/157 233'44'5'/233'44'5'-HxCB	2,330			C	ES PCB-77	107	
PCB-167 23'44'55'-HxCB	959				ES PCB-81	105	
PCB-169 33'44'55'-HxCB	ND	1.56			ES PCB-104	99.5	
PCB-189 233'44'55'-HpCB	106				ES PCB-105	102	
					ES PCB-114	101	
<b>TEQs (WHO M/H)</b>					ES PCB-118	99.7	
					ES PCB-123	101	
ND = 0	3.06		3.06		ES PCB-126	100	
ND = 0.5 x DL	3.09		3.09		ES PCB-153	98.9	
					ES PCB-155	97.9	
<b>Totals</b>					ES PCB-156/157	88	
					ES PCB-167	94.2	
Mono-CBs	8.63				ES PCB-169	94.5	
Di-CBs	89.6				ES PCB-170	103	
Tri-CBs	289		290		ES PCB-180	99.8	
Tetra-CBs	7,390		7,400		ES PCB-188	100	
Penta-CBs	77,500		77,500		ES PCB-189	100	
Hexa-CBs	74,500				ES PCB-202	98.6	
Hepta-CBs	21,000				ES PCB-205	104	
Octa-CBs	5,330		5,330		ES PCB-206	101	
Nona-CBs	3,160				ES PCB-208	95.9	
PCB-209 DeCB	3,940			E	ES PCB-209	106	
					CS PCB-28	99.6	
Mono-Deca	193,000		193,000		CS PCB-111	103	
					CS PCB-178	102	

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# Sample ID: HF-31D (0-1)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	11.54 g		Sample ID:	P2164_7746_PCB_008-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	90.6 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	εβ		Time Analyzed:	01:15:28		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	2.34	B	PCB-19	3.27	B	PCB-54	(0.196)		PCB-72	32.7	
PCB-2	1.71	B	PCB-30/18	19.1	B C	PCB-50/53	35.7	B C	PCB-68	22.9	
PCB-3	4.58	B	PCB-17	8.31	B	PCB-45	10.5	B	PCB-57	[1.84]	EMPC
			PCB-27	2.61	B	PCB-51	4.94	B	PCB-58	[5.49]	EMPC
<b>Conc.</b>	8.63		PCB-24	[0.337]	J EMPC	PCB-46	5.34	B	PCB-67	5.06	
<b>EMPC</b>	8.63		PCB-16	7.61	B	PCB-52	2,630	E	PCB-63	16.3	
			PCB-32	9.07	B	PCB-73	2		PCB-61/70/74/76	1,650	C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.346)		PCB-43	3.87		PCB-66	512	
PCB-4	5.58	B	PCB-23	(0.382)		PCB-69/49	742	C	PCB-55	1.77	
PCB-10	[0.314]	J	PCB-26/29	32.9	B C	PCB-48	12.7	B	PCB-56	154	
PCB-9	[0.828]	J B	PCB-25	11.7	B	PCB-44/47/65	805	C	PCB-60	37.9	
PCB-7	[0.603]	J	PCB-31	46.1	B	PCB-59/62/75	30.1	C	PCB-80	(1.19)	
PCB-6	3.71	B	PCB-28/20	59	B C	PCB-42	87.1		PCB-79	58.2	
PCB-5	[0.289]	J	PCB-21/33	20.7	B C	PCB-41	3.91		PCB-78	(1.2)	
PCB-8	16.1	B	PCB-22	16	B	PCB-71/40	106	C	PCB-81	3.71	
PCB-14	(0.359)		PCB-36	(0.304)		PCB-64	372		PCB-77	51.3	
PCB-11	20.6	B	PCB-39	[0.625]	J EMPC						
PCB-13/12	3.86	C	PCB-38	(0.363)							
PCB-15	37.7	B	PCB-35	2.94							
			PCB-37	49.9							
<b>Conc.</b>	89.6		<b>Conc.</b>	289					<b>Conc.</b>	7,390	
<b>EMPC</b>	89.6		<b>EMPC</b>	290					<b>EMPC</b>	7,400	



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Totals	Conc.	EMPC
Mono-Tri	387	388
Tetra-Hexa	159,000	159,000
Hepta-Deca	33,500	33,500
Mono-Deca	193,000	193,000



**Sample ID: HF-31D (0-1)**

**Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.385)		PCB-109/119/86...	8,180	E C	PCB-155	(0.326)		PCB-165	2.48	
PCB-96	26.7		PCB-117	286		PCB-152	14.1		PCB-146	2,060	E
PCB-103	44.1		PCB-116/85	2,830	E C	PCB-150	15.5		PCB-161	(0.334)	
PCB-94	31.4		PCB-110	17,400	E	PCB-136	1,760	E	PCB-153/168	12,600	E C
PCB-95	7,970	E	PCB-115	131		PCB-145	5.53		PCB-141	2,570	E
PCB-100/93	44.6	C	PCB-82	1,030		PCB-148	13.5		PCB-130	1,330	
PCB-102	178		PCB-111	[3.43]	EMPC	PCB-151/135	4,230	E C	PCB-137	1,300	
PCB-98	7.89		PCB-120	27.3		PCB-154	141		PCB-164	1,130	
PCB-88	(0.831)		PCB-108/124	571	C	PCB-144	601		PCB-163/138/129	19,600	E C
PCB-91	1,640		PCB-107	687		PCB-147/149	10,700	E C	PCB-160	(0.351)	
PCB-84	1,550		PCB-123	285		PCB-134	978		PCB-158	1,840	E
PCB-89	24.4		PCB-106	(0.495)		PCB-143	45.1		PCB-128/166	3,820	E C
PCB-121	(0.542)		PCB-118	8,370	E	PCB-139/140	430	C	PCB-159	77.9	
PCB-92	2,890	E	PCB-122	145		PCB-131	219		PCB-162	76.1	
PCB-113/90/101	12,800	E C	PCB-114	108		PCB-142	4.52		PCB-167	959	
PCB-83	545		PCB-105	3,570	E	PCB-132	5,430	E	PCB-156/157	2,330	E C
PCB-99	6,090	E	PCB-127	(0.517)		PCB-133	231		PCB-169	(1.56)	
PCB-112	(0.484)		PCB-126	25.9							
			<b>Conc.</b>	77,500					<b>Conc.</b>	74,500	
			<b>EMPC</b>	77,500					<b>EMPC</b>	74,500	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	2.88		PCB-174	2,430	E	PCB-202	370		PCB-208	875	
PCB-179	887		PCB-177	1,440		PCB-201	169		PCB-207	123	
PCB-184	2.01		PCB-181	44.3		PCB-204	[0.706]	J EMPC	PCB-206	2,160	E
PCB-176	322		PCB-171/173	762	C	PCB-197	36.6				
PCB-186	1.02		PCB-172	373		PCB-200	171		<b>Conc.</b>	3,160	
PCB-178	431		PCB-192	(1.06)		PCB-198/199	1,500	C	<b>EMPC</b>	3,160	
PCB-175	103		PCB-180/193	7,060	E C	PCB-196	513				
PCB-187	3,000	E	PCB-191	91.8		PCB-203	860		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	14		PCB-170	1,910	E	PCB-195	479		PCB-209	3,940	E
PCB-183	1,310		PCB-190	448		PCB-194	1,160				
PCB-185	284		PCB-189	106		PCB-205	71.2				
			<b>Conc.</b>	21,000		<b>Conc.</b>	5,330				
			<b>EMPC</b>	21,000		<b>EMPC</b>	5,330				

# Sample ID: HF-31D (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	12.02 g	Sample ID:	P2164_7746_PCB_009-SP5	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	92.6 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	577				ES PCB-1	81.8	
PCB-81 344'5'-TeCB	24.6				ES PCB-3	92.6	
PCB-105 233'44'-PeCB	20,200			E	ES PCB-4	88.6	
PCB-114 2344'5'-PeCB	870				ES PCB-15	99.3	
PCB-118 23'44'5'-PeCB	49,300			E	ES PCB-19	94.8	
PCB-123 23'44'5'-PeCB	928				ES PCB-37	102	
PCB-126 33'44'5'-PeCB	108				ES PCB-54	90.7	
PCB-156/157 233'44'5'/233'44'5'-HxCB	8,490			E C	ES PCB-77	101	
PCB-167 23'44'55'-HxCB	2,880				ES PCB-81	99	
PCB-169 33'44'55'-HxCB	ND	5.11			ES PCB-104	100	
PCB-189 233'44'55'-HpCB	358				ES PCB-105	102	
					ES PCB-114	105	
<b>TEQs (WHO M/H)</b>					ES PCB-118	102	
					ES PCB-123	103	
ND = 0	13.3			13.3	ES PCB-126	106	
ND = 0.5 x DL	13.4			13.4	ES PCB-153	99.5	
					ES PCB-155	94.5	
<b>Totals</b>					ES PCB-156/157	94.2	
					ES PCB-167	98.6	
Mono-CBs	38.2				ES PCB-169	102	
Di-CBs	362				ES PCB-170	92.4	
Tri-CBs	1,840			1,850	ES PCB-180	92.1	
Tetra-CBs	54,100				ES PCB-188	101	
Penta-CBs	322,000				ES PCB-189	96.6	
Hexa-CBs	242,000				ES PCB-202	101	
Hepta-CBs	73,900				ES PCB-205	94.9	
Octa-CBs	20,500				ES PCB-206	102	
Nona-CBs	10,200				ES PCB-208	91.3	
PCB-209 DeCB	10,500			E	ES PCB-209	104	
					CS PCB-28	101	
Mono-Deca	735,000			735,000	CS PCB-111	102	
					CS PCB-178	104	

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# Sample ID: HF-31D (1-3)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	12.02 g		Sample ID:	P2164_7746_PCB_009-SP5		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	92.6 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	πζ		Time Analyzed:	19:09:26		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	9.31	B	PCB-19	18.8	B	PCB-54	(0.769)		PCB-72	184	
PCB-2	10.6	B	PCB-30/18	112	B C	PCB-50/53	282	C	PCB-68	129	
PCB-3	18.4	B	PCB-17	50.9	B	PCB-45	97.4		PCB-57	12	
			PCB-27	15.9	B	PCB-51	21.5	B	PCB-58	22.5	
<b>Conc.</b>	38.2		PCB-24	(0.536)		PCB-46	39.7		PCB-67	47.6	
<b>EMPC</b>	38.2		PCB-16	42.1	B	PCB-52	15,200	E	PCB-63	169	
			PCB-32	47.1	B	PCB-73	(0.449)		PCB-61/70/74/76	14,900	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	[1.8]	EMPC	PCB-43	34.4		PCB-66	5,570	E
PCB-4	24.8	B	PCB-23	(1.18)		PCB-69/49	4,400	E C	PCB-55	(8.4)	
PCB-10	1.39		PCB-26/29	198	C	PCB-48	120		PCB-56	1,480	
PCB-9	3.62	B	PCB-25	71.5		PCB-44/47/65	5,810	E C	PCB-60	438	
PCB-7	1.95		PCB-31	330		PCB-59/62/75	213	C	PCB-80	(8.92)	
PCB-6	15.2	B	PCB-28/20	396	C	PCB-42	686		PCB-79	279	
PCB-5	(0.929)		PCB-21/33	107	C	PCB-41	22.3		PCB-78	(8.79)	
PCB-8	59.3	B	PCB-22	86.9		PCB-71/40	808	C	PCB-81	24.6	
PCB-14	(0.854)		PCB-36	(0.945)		PCB-64	2,490	E	PCB-77	577	
PCB-11	39.4	B	PCB-39	[5.25]	EMPC						
PCB-13/12	18.1	C	PCB-38	[1.57]	EMPC						
PCB-15	199		PCB-35	16.4							
			PCB-37	350							
<b>Conc.</b>	362		<b>Conc.</b>	1,840					<b>Conc.</b>	54,100	
<b>EMPC</b>	362		<b>EMPC</b>	1,850					<b>EMPC</b>	54,100	



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Totals	Conc.	EMPC
Mono-Tri	2,240	2,250
Tetra-Hexa	618,000	618,000
Hepta-Deca	115,000	115,000
Mono-Deca	735,000	735,000

**Sample ID: HF-31D (1-3) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(1.17)		PCB-109/119/86...	34,100	E C	PCB-155	(1.09)		PCB-165	(1.14)	
PCB-96	246		PCB-117	1,710	E	PCB-152	57.9		PCB-146	6,470	E
PCB-103	237		PCB-116/85	9,740	E C	PCB-150	62		PCB-161	(1.1)	
PCB-94	180		PCB-110	56,600	E	PCB-136	7,690	E	PCB-153/168	40,900	E C
PCB-95	34,500	E	PCB-115	(3.34)		PCB-145	27.5		PCB-141	9,220	E
PCB-100/93	265	C	PCB-82	4,700	E	PCB-148	42.7		PCB-130	4,190	E
PCB-102	903		PCB-111	30.8		PCB-151/135	15,100	E C	PCB-137	4,050	E
PCB-98	(4.79)		PCB-120	(3.56)		PCB-154	463		PCB-164	3,810	E
PCB-88	(5.96)		PCB-108/124	2,100	E C	PCB-144	2,370	E	PCB-163/138/129	57,700	E C
PCB-91	7,270	E	PCB-107	3,010	E	PCB-147/149	34,800	E C	PCB-160	(1.22)	
PCB-84	9,360	E	PCB-123	928		PCB-134	3,730	E	PCB-158	6,640	E
PCB-89	176		PCB-106	(3.9)		PCB-143	(1.5)		PCB-128/166	10,900	E C
PCB-121	(4.12)		PCB-118	49,300	E	PCB-139/140	1,390	C	PCB-159	291	
PCB-92	10,600	E	PCB-122	571		PCB-131	856		PCB-162	241	
PCB-113/90/101	49,700	E C	PCB-114	870		PCB-142	(1.61)		PCB-167	2,880	E
PCB-83	2,170	E	PCB-105	20,200	E	PCB-132	18,700	E	PCB-156/157	8,490	E C
PCB-99	22,300	E	PCB-127	(4.2)		PCB-133	750		PCB-169	(5.11)	
PCB-112	(3.68)		PCB-126	108							
			<b>Conc.</b>	322,000					<b>Conc.</b>	242,000	
			<b>EMPC</b>	322,000					<b>EMPC</b>	242,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	9.04		PCB-174	8,330	E	PCB-202	1,300		PCB-208	2,860	E
PCB-179	3,690	E	PCB-177	4,670	E	PCB-201	643		PCB-207	433	
PCB-184	6.43		PCB-181	134		PCB-204	(1.21)		PCB-206	6,910	E
PCB-176	1,320		PCB-171/173	2,580	E C	PCB-197	136				
PCB-186	3.78		PCB-172	1,340		PCB-200	684		<b>Conc.</b>	10,200	
PCB-178	1,630		PCB-192	(2.83)		PCB-198/199	5,970	E C	<b>EMPC</b>	10,200	
PCB-175	367		PCB-180/193	25,400	E C	PCB-196	2,290	E			
PCB-187	9,620	E	PCB-191	355		PCB-203	3,450	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	40		PCB-170	6,880	E	PCB-195	1,500		PCB-209	10,500	E
PCB-183	4,520	E	PCB-190	1,630		PCB-194	4,240	E			
PCB-185	1,030		PCB-189	358		PCB-205	257				
			<b>Conc.</b>	73,900		<b>Conc.</b>	20,500				
			<b>EMPC</b>	73,900		<b>EMPC</b>	20,500				

# Sample ID: HF-31D (4-6)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	11.04 g	Sample ID:	P2164_7746_PCB_010-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	77.7 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	87.9				ES PCB-1	63.2	
PCB-81 344'5'-TeCB	3.13				ES PCB-3	80.7	
PCB-105 233'44'-PeCB	1,420				ES PCB-4	87.6	
PCB-114 2344'5'-PeCB	59.7				ES PCB-15	98.2	
PCB-118 23'44'5'-PeCB	3,400				ES PCB-19	96.2	
PCB-123 23'44'5'-PeCB	99.2				ES PCB-37	97.6	
PCB-126 33'44'5'-PeCB	17.6				ES PCB-54	94.3	
PCB-156/157 233'44'5'/233'44'5'-HxCB	800			C	ES PCB-77	96.2	
PCB-167 23'44'55'-HxCB	388				ES PCB-81	95.6	
PCB-169 33'44'55'-HxCB	ND	2.17			ES PCB-104	106	
PCB-189 233'44'55'-HpCB	44.4				ES PCB-105	101	
					ES PCB-114	103	
<b>TEQs (WHO M/H)</b>					ES PCB-118	100	
					ES PCB-123	99.9	
ND = 0	1.96			1.96	ES PCB-126	100	
ND = 0.5 x DL	1.99			1.99	ES PCB-153	97.1	
					ES PCB-155	94.1	
<b>Totals</b>					ES PCB-156/157	93.8	
					ES PCB-167	95.4	
Mono-CBs	69.1				ES PCB-169	97.2	
Di-CBs	179				ES PCB-170	97.9	
Tri-CBs	158			161	ES PCB-180	91.9	
Tetra-CBs	5,230			5,240	ES PCB-188	101	
Penta-CBs	33,600				ES PCB-189	94.4	
Hexa-CBs	30,300				ES PCB-202	96.1	
Hepta-CBs	6,430				ES PCB-205	98	
Octa-CBs	1,550				ES PCB-206	102	
Nona-CBs	1,790				ES PCB-208	90.5	
PCB-209 DeCB	2,620				ES PCB-209	106	
					CS PCB-28	99.4	
Mono-Deca	81,900			81,900	CS PCB-111	105	
					CS PCB-178	106	

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2714 Exchange Drive T: 910 794-1613  
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# Sample ID: HF-31D (4-6)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	11.04 g		Sample ID:	P2164_7746_PCB_010-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	77.7 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	πρ		Time Analyzed:	06:04:07		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	8.88	B	PCB-19	[2.12]	B EMPC	PCB-54	(0.329)		PCB-72	7.81	
PCB-2	29		PCB-30/18	12.6	B C	PCB-50/53	61.4	B C	PCB-68	4.97	
PCB-3	31.2		PCB-17	5.26	B	PCB-45	15.3	B	PCB-57	(1.43)	
			PCB-27	1.82	B	PCB-51	5.03	B	PCB-58	(1.26)	
<b>Conc.</b>	69.1		PCB-24	(0.275)		PCB-46	8	B	PCB-67	12	
<b>EMPC</b>	69.1		PCB-16	6.34	B	PCB-52	1,910	E	PCB-63	11.7	
			PCB-32	(0.251)		PCB-73	(0.264)		PCB-61/70/74/76	1,110	C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.666)		PCB-43	3.36		PCB-66	306	
PCB-4	3.56	B	PCB-23	(0.753)		PCB-69/49	397	C	PCB-55	[3.21]	EMPC
PCB-10	(0.354)		PCB-26/29	12.1	B C	PCB-48	14.7	B	PCB-56	140	
PCB-9	2.17	B	PCB-25	5.29	B	PCB-44/47/65	622	C	PCB-60	33	
PCB-7	[0.889]	J	PCB-31	28.1	B	PCB-59/62/75	20	C	PCB-80	(1.35)	
PCB-6	3.43	B	PCB-28/20	24.3	B C	PCB-42	59		PCB-79	29.4	
PCB-5	1.74		PCB-21/33	19.1	B C	PCB-41	(0.34)		PCB-78	(1.31)	
PCB-8	7.43	B	PCB-22	6.17	B	PCB-71/40	107	C	PCB-81	3.13	
PCB-14	(0.587)		PCB-36	1.2		PCB-64	257		PCB-77	87.9	
PCB-11	135	B	PCB-39	1.42							
PCB-13/12	12.5	C	PCB-38	(0.717)							
PCB-15	12.3	B	PCB-35	10.8							
			PCB-37	23.9	B						
<b>Conc.</b>	179		<b>Conc.</b>	158					<b>Conc.</b>	5,230	
<b>EMPC</b>	179		<b>EMPC</b>	161					<b>EMPC</b>	5,240	



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Totals	Conc.	EMPC
Mono-Tri	407	409
Tetra-Hexa	69,100	69,100
Hepta-Deca	12,400	12,400
Mono-Deca	81,900	81,900

# Sample ID: HF-31D (4-6)

# Method HR-PCB

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.384)		PCB-109/119/86...	3,220	E C	PCB-155	(0.313)		PCB-165	(0.391)	
PCB-96	38.9		PCB-117	862		PCB-152	9.05		PCB-146	801	
PCB-103	28.9		PCB-116/85	(1.35)	C	PCB-150	11		PCB-161	(0.382)	
PCB-94	28.4		PCB-110	6,440	E	PCB-136	1,000		PCB-153/168	4,350	E C
PCB-95	5,470	E	PCB-115	(0.95)		PCB-145	4.95		PCB-141	966	
PCB-100/93	36.6	C	PCB-82	517		PCB-148	6.71		PCB-130	578	
PCB-102	200		PCB-111	6.08		PCB-151/135	1,760	C	PCB-137	612	
PCB-98	(1.15)		PCB-120	(0.927)		PCB-154	69.7		PCB-164	461	
PCB-88	(1.8)		PCB-108/124	170	C	PCB-144	316		PCB-163/138/129	7,430	E C
PCB-91	1,020		PCB-107	233		PCB-147/149	4,690	E C	PCB-160	(0.443)	
PCB-84	1,920	E	PCB-123	99.2		PCB-134	487		PCB-158	819	
PCB-89	36.3		PCB-106	(1.01)		PCB-143	(0.588)		PCB-128/166	1,620	C
PCB-121	(1.11)		PCB-118	3,400	E	PCB-139/140	218	C	PCB-159	22.3	
PCB-92	1,050		PCB-122	53.6		PCB-131	134		PCB-162	36.5	
PCB-113/90/101	4,840	E C	PCB-114	59.7		PCB-142	(0.564)		PCB-167	388	
PCB-83	307		PCB-105	1,420		PCB-132	2,610	E	PCB-156/157	800	C
PCB-99	2,130	E	PCB-127	(1.09)		PCB-133	98.5		PCB-169	(2.17)	
PCB-112	(0.961)		PCB-126	17.6							
			<b>Conc.</b>	33,600					<b>Conc.</b>	30,300	
			<b>EMPC</b>	33,600					<b>EMPC</b>	30,300	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	1.84		PCB-174	687		PCB-202	124		PCB-208	523	
PCB-179	262		PCB-177	400		PCB-201	55.3		PCB-207	99.9	
PCB-184	1.93		PCB-181	20.3		PCB-204	1.1		PCB-206	1,170	
PCB-176	112		PCB-171/173	266	C	PCB-197	12.9				
PCB-186	0.824	J	PCB-172	126		PCB-200	50.8		<b>Conc.</b>	1,790	
PCB-178	116		PCB-192	(0.902)		PCB-198/199	450	C	<b>EMPC</b>	1,790	
PCB-175	38.9		PCB-180/193	2,240	E C	PCB-196	167				
PCB-187	767		PCB-191	37.8		PCB-203	254		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	7		PCB-170	657		PCB-195	104		PCB-209	2,620	E
PCB-183	433		PCB-190	137		PCB-194	312				
PCB-185	76.9		PCB-189	44.4		PCB-205	21.9				
			<b>Conc.</b>	6,430		<b>Conc.</b>	1,550				
			<b>EMPC</b>	6,430		<b>EMPC</b>	1,550				

# Sample ID: HF-40 (0-1)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	11.05 g	Sample ID:	P2164_7746_PCB_011-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	88.2 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	109				ES PCB-1	82.4	
PCB-81 344'5'-TeCB	6.97				ES PCB-3	92.9	
PCB-105 233'44'-PeCB	8,150			E	ES PCB-4	94.1	
PCB-114 2344'5'-PeCB	319				ES PCB-15	98.6	
PCB-118 23'44'5'-PeCB	19,000			E	ES PCB-19	95.1	
PCB-123 23'44'5'-PeCB	538				ES PCB-37	100	
PCB-126 33'44'5'-PeCB	54.9				ES PCB-54	97.5	
PCB-156/157 233'44'5'/233'44'5'-HxCB	4,760			C	ES PCB-77	104	
PCB-167 23'44'55'-HxCB	1,610				ES PCB-81	104	
PCB-169 33'44'55'-HxCB	ND	2.6			ES PCB-104	99.2	
PCB-189 233'44'55'-HpCB	158				ES PCB-105	95.2	
					ES PCB-114	91.6	
<b>TEQs (WHO M/H)</b>					ES PCB-118	96.3	
					ES PCB-123	102	
ND = 0	6.54			6.54	ES PCB-126	105	
ND = 0.5 x DL	6.58			6.58	ES PCB-153	93.8	
					ES PCB-155	93.3	
<b>Totals</b>					ES PCB-156/157	90.5	
					ES PCB-167	95.4	
Mono-CBs	15.7				ES PCB-169	98.1	
Di-CBs	109				ES PCB-170	81.7	
Tri-CBs	373			375	ES PCB-180	85.8	
Tetra-CBs	14,600				ES PCB-188	88.5	
Penta-CBs	121,000				ES PCB-189	93.5	
Hexa-CBs	104,000				ES PCB-202	96	
Hepta-CBs	19,500			19,500	ES PCB-205	94.6	
Octa-CBs	3,830				ES PCB-206	101	
Nona-CBs	1,650				ES PCB-208	86.4	
PCB-209 DeCB	1,770				ES PCB-209	107	
					CS PCB-28	101	
Mono-Deca	266,000			266,000	CS PCB-111	105	
					CS PCB-178	104	

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# Sample ID: HF-40 (0-1)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	11.05 g		Sample ID:	P2164_7746_PCB_011-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	88.2 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	γω		Time Analyzed:	06:59:18		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	3.93		PCB-19	3.93		PCB-54	(0.423)		PCB-72	46.5	
PCB-2	4.03		PCB-30/18	26.5	C	PCB-50/53	47.2	C	PCB-68	35	
PCB-3	7.79		PCB-17	11.5		PCB-45	(0.379)		PCB-57	(3.08)	
			PCB-27	[2.76]	EMPC	PCB-51	(0.389)		PCB-58	(2.72)	
<b>Conc.</b>	15.7		PCB-24	(0.283)		PCB-46	6.02		PCB-67	(2.51)	
<b>EMPC</b>	15.7		PCB-16	11.7		PCB-52	4,930	E	PCB-63	36.4	
			PCB-32	(0.257)		PCB-73	(0.315)		PCB-61/70/74/76	4,140	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.528)		PCB-43	(0.43)		PCB-66	1,070	
PCB-4	7.6		PCB-23	(0.596)		PCB-69/49	1,460	C	PCB-55	(2.83)	
PCB-10	(0.422)		PCB-26/29	25.5	C	PCB-48	22.9		PCB-56	321	
PCB-9	1.37		PCB-25	9.54		PCB-44/47/65	1,320	C	PCB-60	78.2	
PCB-7	0.874	J	PCB-31	72.8		PCB-59/62/75	40.5	C	PCB-80	(2.93)	
PCB-6	4.92		PCB-28/20	79.4	C	PCB-42	127		PCB-79	96.1	
PCB-5	(0.71)		PCB-21/33	30.4	C	PCB-41	(0.407)		PCB-78	(2.83)	
PCB-8	21.3		PCB-22	21.5		PCB-71/40	151	C	PCB-81	6.97	
PCB-14	(0.648)		PCB-36	(0.48)		PCB-64	545		PCB-77	109	
PCB-11	15.6		PCB-39	(0.551)							
PCB-13/12	5.97	C	PCB-38	(0.568)							
PCB-15	51.7		PCB-35	4.43							
			PCB-37	75.4							
<b>Conc.</b>	109		<b>Conc.</b>	373					<b>Conc.</b>	14,600	
<b>EMPC</b>	109		<b>EMPC</b>	375					<b>EMPC</b>	14,600	



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Totals	Conc.	EMPC
Mono-Tri	498	500
Tetra-Hexa	239,000	239,000
Hepta-Deca	26,800	26,800
Mono-Deca	266,000	266,000

**Sample ID: HF-40 (0-1) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.462)		PCB-109/119/86...	12,900	E C	PCB-155	(0.509)		PCB-165	(0.578)	
PCB-96	28.8		PCB-117	(2.51)		PCB-152	15.5		PCB-146	2,930	E
PCB-103	72		PCB-116/85	5,300	E C	PCB-150	19.4		PCB-161	(0.564)	
PCB-94	34.7		PCB-110	18,800	E	PCB-136	2,010	E	PCB-153/168	18,600	E C
PCB-95	10,100	E	PCB-115	(2.42)		PCB-145	6.29		PCB-141	3,580	E
PCB-100/93	54.8	C	PCB-82	1,660		PCB-148	16.1		PCB-130	2,140	E
PCB-102	214		PCB-111	11.5		PCB-151/135	5,200	E C	PCB-137	2,110	E
PCB-98	(2.93)		PCB-120	(2.36)		PCB-154	203		PCB-164	1,400	
PCB-88	(4.57)		PCB-108/124	1,020	C	PCB-144	803		PCB-163/138/129	28,700	E C
PCB-91	1,960	E	PCB-107	1,340		PCB-147/149	12,300	E C	PCB-160	(0.655)	
PCB-84	2,270	E	PCB-123	538		PCB-134	1,220		PCB-158	2,700	E
PCB-89	28.6		PCB-106	(2.57)		PCB-143	(0.869)		PCB-128/166	6,090	E C
PCB-121	(2.82)		PCB-118	19,000	E	PCB-139/140	557	C	PCB-159	56.2	
PCB-92	4,320	E	PCB-122	272		PCB-131	279		PCB-162	134	
PCB-113/90/101	21,500	E C	PCB-114	319		PCB-142	(0.833)		PCB-167	1,610	
PCB-83	(3.5)		PCB-105	8,150	E	PCB-132	5,800	E	PCB-156/157	4,760	E C
PCB-99	10,600	E	PCB-127	(2.96)		PCB-133	333		PCB-169	(2.6)	
PCB-112	(2.45)		PCB-126	54.9							
			<b>Conc.</b>	121,000					<b>Conc.</b>	104,000	
			<b>EMPC</b>	121,000					<b>EMPC</b>	104,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	[2.97]	EMPC	PCB-174	1,860	E	PCB-202	270		PCB-208	465	
PCB-179	788		PCB-177	1,270		PCB-201	108		PCB-207	74.9	
PCB-184	2.76		PCB-181	68.9		PCB-204	(0.631)		PCB-206	1,110	
PCB-176	281		PCB-171/173	708	C	PCB-197	19.7				
PCB-186	1.59		PCB-172	419		PCB-200	125		<b>Conc.</b>	1,650	
PCB-178	459		PCB-192	(1.16)		PCB-198/199	1,080	C	<b>EMPC</b>	1,650	
PCB-175	94.5		PCB-180/193	6,570	E C	PCB-196	355				
PCB-187	2,550	E	PCB-191	99.6		PCB-203	634		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	(1.21)		PCB-170	2,220	E	PCB-195	303		PCB-209	1,770	
PCB-183	1,160		PCB-190	571		PCB-194	880				
PCB-185	232		PCB-189	158		PCB-205	55.9				
			<b>Conc.</b>	19,500		<b>Conc.</b>	3,830				
			<b>EMPC</b>	19,500		<b>EMPC</b>	3,830				

# Sample ID: HF-40 (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	13.07 g	Sample ID:	P2164_7746_PCB_012-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	91.3 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	18.8				ES PCB-1	80.3	
PCB-81 344'5'-TeCB	ND	0.968			ES PCB-3	91.7	
PCB-105 233'44'-PeCB	2,080				ES PCB-4	95.4	
PCB-114 2344'5'-PeCB	110				ES PCB-15	106	
PCB-118 23'44'5'-PeCB	5,330			E	ES PCB-19	98.4	
PCB-123 23'44'5'-PeCB	80.6				ES PCB-37	95.7	
PCB-126 33'44'5'-PeCB	5.61				ES PCB-54	94.9	
PCB-156/157 233'44'5'/233'44'5'-HxCB	869			C	ES PCB-77	103	
PCB-167 23'44'55'-HxCB	252				ES PCB-81	103	
PCB-169 33'44'55'-HxCB	ND	0.937			ES PCB-104	96.4	
PCB-189 233'44'55'-HpCB	21.8				ES PCB-105	102	
					ES PCB-114	102	
<b>TEQs (WHO M/H)</b>					ES PCB-118	101	
					ES PCB-123	101	
ND = 0	0.825		0.825		ES PCB-126	104	
ND = 0.5 x DL	0.839		0.839		ES PCB-153	94.4	
					ES PCB-155	87.9	
<b>Totals</b>					ES PCB-156/157	98.7	
					ES PCB-167	97.1	
Mono-CBs	0.873				ES PCB-169	95.2	
Di-CBs	4.29				ES PCB-170	86.8	
Tri-CBs	81.2		83.4		ES PCB-180	78.5	
Tetra-CBs	8,650				ES PCB-188	93.3	
Penta-CBs	35,200				ES PCB-189	93.4	
Hexa-CBs	19,400				ES PCB-202	94.3	
Hepta-CBs	2,370				ES PCB-205	96.3	
Octa-CBs	221				ES PCB-206	96.4	
Nona-CBs	95.9				ES PCB-208	85.1	
PCB-209 DeCB	110				ES PCB-209	102	
					CS PCB-28	90.5	
Mono-Deca	66,100		66,100		CS PCB-111	97.7	
					CS PCB-178	95.6	

φμ

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# Sample ID: HF-40 (1-3)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	13.07 g		Sample ID:	P2164_7746_PCB_012-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	91.3 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	φμ		Time Analyzed:	07:54:30		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	0.408	J B	PCB-19	0.289	J B	PCB-54	(0.106)		PCB-72	16.2	
PCB-2	0.113	J B	PCB-30/18	3.36	B C	PCB-50/53	41.5	B C	PCB-68	12.7	
PCB-3	0.352	J B	PCB-17	0.96	B	PCB-45	9.97	B	PCB-57	(0.923)	
			PCB-27	0.181	J B	PCB-51	(0.155)		PCB-58	(0.814)	
<b>Conc.</b>	0.873		PCB-24	(0.0897)		PCB-46	2.79	B	PCB-67	(0.752)	
<b>EMPC</b>	0.873		PCB-16	[0.46]	J B EMPC	PCB-52	2,760	E	PCB-63	22.5	
			PCB-32	1.23	B	PCB-73	(0.126)		PCB-61/70/74/76	2,410	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.147)		PCB-43	5.27		PCB-66	747	
PCB-4	[0.489]	J B	PCB-23	(0.166)		PCB-69/49	758	C	PCB-55	(0.847)	
PCB-10	(0.145)		PCB-26/29	7.45	B C	PCB-48	25.7		PCB-56	174	
PCB-9	(0.214)		PCB-25	2.51	B	PCB-44/47/65	1,010	C	PCB-60	48.6	
PCB-7	(0.209)		PCB-31	29.5	B	PCB-59/62/75	25.2	C	PCB-80	(0.876)	
PCB-6	[0.253]	J B	PCB-28/20	28.2	B C	PCB-42	90.2		PCB-79	31.4	
PCB-5	(0.222)		PCB-21/33	1.85	B C	PCB-41	(0.162)		PCB-78	(0.846)	
PCB-8	0.931	B	PCB-22	[1.46]	B EMPC	PCB-71/40	98	C	PCB-81	(0.968)	
PCB-14	(0.203)		PCB-36	(0.133)		PCB-64	344		PCB-77	18.8	
PCB-11	0.469	J B	PCB-39	(0.153)							
PCB-13/12	(0.25)	C	PCB-38	(0.158)							
PCB-15	2.14	B	PCB-35	[0.255]	J EMPC						
			PCB-37	5.74	B						
<b>Conc.</b>	4.29		<b>Conc.</b>	81.2					<b>Conc.</b>	8,650	
<b>EMPC</b>	4.29		<b>EMPC</b>	83.4					<b>EMPC</b>	8,650	



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Totals	Conc.	EMPC
Mono-Tri	86.4	88.6
Tetra-Hexa	63,200	63,200
Hepta-Deca	2,800	2,800
Mono-Deca	66,100	66,100

**Sample ID: HF-40 (1-3) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.196)		PCB-109/119/86...	4,080	E C	PCB-155	(0.19)		PCB-165	(0.191)	
PCB-96	23.6		PCB-117	(0.79)		PCB-152	5.08		PCB-146	491	
PCB-103	27.4		PCB-116/85	1,140	C	PCB-150	4.96		PCB-161	(0.186)	
PCB-94	18.1		PCB-110	5,390	E	PCB-136	567		PCB-153/168	2,990	E C
PCB-95	4,050	E	PCB-115	(0.763)		PCB-145	2.45		PCB-141	641	
PCB-100/93	(1.03)	C	PCB-82	556		PCB-148	3.19		PCB-130	352	
PCB-102	(1.16)		PCB-111	(0.873)		PCB-151/135	961	C	PCB-137	380	
PCB-98	(0.925)		PCB-120	10.2		PCB-154	38.9		PCB-164	283	
PCB-88	(1.44)		PCB-108/124	206	C	PCB-144	172		PCB-163/138/129	5,010	E C
PCB-91	677		PCB-107	310		PCB-147/149	2,640	E C	PCB-160	(0.216)	
PCB-84	1,410		PCB-123	80.6		PCB-134	301		PCB-158	565	
PCB-89	28.8		PCB-106	(0.81)		PCB-143	(0.287)		PCB-128/166	981	C
PCB-121	(0.89)		PCB-118	5,330	E	PCB-139/140	126	C	PCB-159	7.91	
PCB-92	1,050		PCB-122	52.4		PCB-131	79.1		PCB-162	19.6	
PCB-113/90/101	5,870	E C	PCB-114	110		PCB-142	(0.275)		PCB-167	252	
PCB-83	252		PCB-105	2,080	E	PCB-132	1,610	E	PCB-156/157	869	C
PCB-99	2,420	E	PCB-127	(0.886)		PCB-133	56.8		PCB-169	(0.937)	
PCB-112	2.93		PCB-126	5.61							
			<b>Conc.</b>	35,200					<b>Conc.</b>	19,400	
			<b>EMPC</b>	35,200					<b>EMPC</b>	19,400	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	(0.162)		PCB-174	252		PCB-202	14.7		PCB-208	27.1	
PCB-179	86.6		PCB-177	164		PCB-201	7.03		PCB-207	4.92	
PCB-184	(0.153)		PCB-181	12.4		PCB-204	(0.216)		PCB-206	63.9	
PCB-176	40.7		PCB-171/173	130	C	PCB-197	1.75				
PCB-186	(0.149)		PCB-172	50.5		PCB-200	7.41		<b>Conc.</b>	95.9	
PCB-178	36.6		PCB-192	(0.329)		PCB-198/199	58.8	C	<b>EMPC</b>	95.9	
PCB-175	12.9		PCB-180/193	764	C	PCB-196	24.8				
PCB-187	227		PCB-191	15.6		PCB-203	39.8		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	2.95		PCB-170	315		PCB-195	17.1		PCB-209	110	
PCB-183	155		PCB-190	65.5		PCB-194	46.4				
PCB-185	22		PCB-189	21.8		PCB-205	2.74				
			<b>Conc.</b>	2,370		<b>Conc.</b>	221				
			<b>EMPC</b>	2,370		<b>EMPC</b>	221				

# Sample ID: HF-40 (3-5)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	15.51 g	Sample ID:	P2164_7746_PCB_013-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	92.1 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	56.8				ES PCB-1	77.9	
PCB-81 344'5'-TeCB	2.49				ES PCB-3	94.8	
PCB-105 233'44'-PeCB	2,400				ES PCB-4	101	
PCB-114 2344'5'-PeCB	145				ES PCB-15	116	
PCB-118 23'44'5'-PeCB	8,410			E	ES PCB-19	106	
PCB-123 23'44'5'-PeCB	101				ES PCB-37	105	
PCB-126 33'44'5'-PeCB	12.6				ES PCB-54	101	
PCB-156/157 233'44'5'/233'44'5'-HxCB	1,160			C	ES PCB-77	114	
PCB-167 23'44'55'-HxCB	343				ES PCB-81	113	
PCB-169 33'44'55'-HxCB	ND	0.662			ES PCB-104	102	
PCB-189 233'44'55'-HpCB	32.6				ES PCB-105	111	
					ES PCB-114	113	
<b>TEQs (WHO M/H)</b>					ES PCB-118	108	
					ES PCB-123	109	
ND = 0	1.65			1.65	ES PCB-126	112	
ND = 0.5 x DL	1.66			1.66	ES PCB-153	100	
					ES PCB-155	91.2	
<b>Totals</b>					ES PCB-156/157	105	
					ES PCB-167	103	
Mono-CBs	1.97				ES PCB-169	107	
Di-CBs	17.8				ES PCB-170	94.7	
Tri-CBs	153				ES PCB-180	88	
Tetra-CBs	13,800				ES PCB-188	100	
Penta-CBs	50,800				ES PCB-189	100	
Hexa-CBs	28,600				ES PCB-202	98.9	
Hepta-CBs	3,640				ES PCB-205	105	
Octa-CBs	374				ES PCB-206	111	
Nona-CBs	232				ES PCB-208	92.6	
PCB-209 DeCB	308				ES PCB-209	115	
					CS PCB-28	98.2	
Mono-Deca	98,000			98,000	CS PCB-111	108	
					CS PCB-178	103	

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# Sample ID: HF-40 (3-5)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	15.51 g		Sample ID:	P2164_7746_PCB_013-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	92.1 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	φσ		Time Analyzed:	08:49:42		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	0.611	J	PCB-19	0.563	J	PCB-54	(0.0585)		PCB-72	85	
PCB-2	0.552	J	PCB-30/18	7.31	C	PCB-50/53	56.1	C	PCB-68	69.5	
PCB-3	0.81		PCB-17	2.91		PCB-45	12.6		PCB-57	(1.07)	
			PCB-27	0.367	J	PCB-51	2.37		PCB-58	(0.947)	
<b>Conc.</b>	1.97		PCB-24	(0.0634)		PCB-46	5.39		PCB-67	(0.876)	
<b>EMPC</b>	1.97		PCB-16	1.68		PCB-52	3,390	E	PCB-63	79.5	
			PCB-32	1.88		PCB-73	(0.0736)		PCB-61/70/74/76	3,610	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	0.477	J	PCB-43	12.7		PCB-66	1,680	E
PCB-4	1.53		PCB-23	(0.0976)		PCB-69/49	1,590	E C	PCB-55	(0.986)	
PCB-10	(0.118)		PCB-26/29	2.82	C	PCB-48	31.5		PCB-56	272	
PCB-9	0.229	J	PCB-25	2.53		PCB-44/47/65	1,760	E C	PCB-60	65.2	
PCB-7	(0.131)		PCB-31	52.4		PCB-59/62/75	80.2	C	PCB-80	(1.02)	
PCB-6	0.614	J	PCB-28/20	56.8	C	PCB-42	243		PCB-79	72.9	
PCB-5	(0.138)		PCB-21/33	5.01	C	PCB-41	(0.0951)		PCB-78	(0.985)	
PCB-8	2.58		PCB-22	3.6		PCB-71/40	160	C	PCB-81	2.49	
PCB-14	(0.126)		PCB-36	(0.0786)		PCB-64	473		PCB-77	56.8	
PCB-11	9.12		PCB-39	(0.0902)							
PCB-13/12	0.358	J C	PCB-38	0.705							
PCB-15	3.33		PCB-35	1.04							
			PCB-37	13.4							
<b>Conc.</b>	17.8		<b>Conc.</b>	153					<b>Conc.</b>	13,800	
<b>EMPC</b>	17.8		<b>EMPC</b>	153					<b>EMPC</b>	13,800	



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Totals	Conc.	EMPC
Mono-Tri	173	173
Tetra-Hexa	93,200	93,200
Hepta-Deca	4,560	4,560
Mono-Deca	98,000	98,000

**Sample ID: HF-40 (3-5) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.116)		PCB-109/119/86...	5,250	E C	PCB-155	(0.127)		PCB-165	(0.135)	
PCB-96	33.3		PCB-117	(3.17)		PCB-152	7.95		PCB-146	931	
PCB-103	87.3		PCB-116/85	1,490	E C	PCB-150	8.56		PCB-161	(0.132)	
PCB-94	30.5		PCB-110	7,560	E	PCB-136	852		PCB-153/168	4,770	E C
PCB-95	5,190	E	PCB-115	(3.06)		PCB-145	4.03		PCB-141	809	
PCB-100/93	68.4	C	PCB-82	679		PCB-148	11.5		PCB-130	525	
PCB-102	213		PCB-111	12.4		PCB-151/135	1,540	E C	PCB-137	505	
PCB-98	(3.72)		PCB-120	75.2		PCB-154	106		PCB-164	435	
PCB-88	(5.79)		PCB-108/124	233	C	PCB-144	207		PCB-163/138/129	6,840	E C
PCB-91	930		PCB-107	666		PCB-147/149	4,080	E C	PCB-160	(0.153)	
PCB-84	1,930	E	PCB-123	101		PCB-134	472		PCB-158	724	
PCB-89	47.2		PCB-106	(3.25)		PCB-143	(0.203)		PCB-128/166	1,330	E C
PCB-121	(3.58)		PCB-118	8,410	E	PCB-139/140	198	C	PCB-159	13.4	
PCB-92	1,700	E	PCB-122	61.8		PCB-131	99.5		PCB-162	27.6	
PCB-113/90/101	8,500	E C	PCB-114	145		PCB-142	2.45		PCB-167	343	
PCB-83	361		PCB-105	2,400	E	PCB-132	2,510	E	PCB-156/157	1,160	C
PCB-99	4,600	E	PCB-127	(3.51)		PCB-133	111		PCB-169	(0.662)	
PCB-112	(3.1)		PCB-126	12.6							
			<b>Conc.</b>	50,800					<b>Conc.</b>	28,600	
			<b>EMPC</b>	50,800					<b>EMPC</b>	28,600	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	0.71		PCB-174	375		PCB-202	24.1		PCB-208	69.5	
PCB-179	151		PCB-177	276		PCB-201	11.7		PCB-207	11.4	
PCB-184	0.718		PCB-181	17		PCB-204	(0.126)		PCB-206	151	
PCB-176	71		PCB-171/173	188	C	PCB-197	2.54				
PCB-186	(0.075)		PCB-172	74.3		PCB-200	12.5		<b>Conc.</b>	232	
PCB-178	68.2		PCB-192	(0.187)		PCB-198/199	105	C	<b>EMPC</b>	232	
PCB-175	19		PCB-180/193	1,150	C	PCB-196	42.5				
PCB-187	378		PCB-191	22.1		PCB-203	60.4		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	5.41		PCB-170	458		PCB-195	30.3		PCB-209	308	
PCB-183	223		PCB-190	101		PCB-194	79.7				
PCB-185	32.1		PCB-189	32.6		PCB-205	5.34				
			<b>Conc.</b>	3,640		<b>Conc.</b>	374				
			<b>EMPC</b>	3,640		<b>EMPC</b>	374				



# Sample ID: HF-14 (0-1)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	12.40 g	Sample ID:	P2164_7746_PCB_014-SP2	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	82.9 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	154				ES PCB-1	74.5	
PCB-81 344'5'-TeCB	6.64				ES PCB-3	86.1	
PCB-105 233'44'-PeCB	4,380			E	ES PCB-4	90.8	
PCB-114 2344'5'-PeCB	182				ES PCB-15	95.5	
PCB-118 23'44'5'-PeCB	11,400			E	ES PCB-19	94.6	
PCB-123 23'44'5'-PeCB	229				ES PCB-37	94.3	
PCB-126 33'44'5'-PeCB	45.3				ES PCB-54	99.8	
PCB-156/157 233'44'5'/233'44'5'-HxCB	2,230			C	ES PCB-77	92.1	
PCB-167 23'44'55'-HxCB	779				ES PCB-81	88	
PCB-169 33'44'55'-HxCB	ND	2.7			ES PCB-104	109	
PCB-189 233'44'55'-HpCB	96.3				ES PCB-105	92.6	
					ES PCB-114	97.3	
<b>TEQs (WHO M/H)</b>					ES PCB-118	95.2	
					ES PCB-123	96.3	
ND = 0	5.12			5.12	ES PCB-126	95.7	
ND = 0.5 x DL	5.16			5.16	ES PCB-153	95.2	
					ES PCB-155	97.3	
<b>Totals</b>					ES PCB-156/157	91.2	
					ES PCB-167	95.5	
Mono-CBs	12.5				ES PCB-169	104	
Di-CBs	322				ES PCB-170	88.1	
Tri-CBs	1,080			1,080	ES PCB-180	83.3	
Tetra-CBs	18,200				ES PCB-188	99.9	
Penta-CBs	77,700				ES PCB-189	89.7	
Hexa-CBs	60,500				ES PCB-202	96.1	
Hepta-CBs	16,800				ES PCB-205	100	
Octa-CBs	4,500				ES PCB-206	111	
Nona-CBs	921				ES PCB-208	87	
PCB-209 DeCB	648				ES PCB-209	115	
					CS PCB-28	102	
Mono-Deca	181,000			181,000	CS PCB-111	103	
					CS PCB-178	104	

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2714 Exchange Drive T: 910 794-1613  
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# Sample ID: HF-14 (0-1)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	12.40 g		Sample ID:	P2164_7746_PCB_014-SP2		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	82.9 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	00		Time Analyzed:	09:44:53		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	3.84		PCB-19	7.57		PCB-54	0.524	J	PCB-72	86.7	
PCB-2	2.07		PCB-30/18	62.8	C	PCB-50/53	104	C	PCB-68	69.1	
PCB-3	6.59		PCB-17	31.7		PCB-45	45.3		PCB-57	(1.74)	
			PCB-27	5.93		PCB-51	12.3		PCB-58	(1.53)	
<b>Conc.</b>	12.5		PCB-24	0.869		PCB-46	17.3		PCB-67	15.6	
<b>EMPC</b>	12.5		PCB-16	26.8		PCB-52	5,300	E	PCB-63	65.3	
			PCB-32	19.5		PCB-73	(0.325)		PCB-61/70/74/76	3,780	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	1.33		PCB-43	20		PCB-66	1,590	
PCB-4	12.6		PCB-23	(0.581)		PCB-69/49	2,530	E C	PCB-55	(1.59)	
PCB-10	0.507	J	PCB-26/29	121	C	PCB-48	(0.367)		PCB-56	322	
PCB-9	2.5		PCB-25	55		PCB-44/47/65	2,580	E C	PCB-60	97.4	
PCB-7	1.68		PCB-31	202		PCB-59/62/75	108	C	PCB-80	(1.65)	
PCB-6	31.3		PCB-28/20	259	C	PCB-42	367		PCB-79	63.8	
PCB-5	0.725	J	PCB-21/33	57.3	C	PCB-41	(0.42)		PCB-78	(1.59)	
PCB-8	55.2		PCB-22	60.1		PCB-71/40	274	C	PCB-81	6.64	
PCB-14	(0.327)		PCB-36	(0.467)		PCB-64	610		PCB-77	154	
PCB-11	44.2		PCB-39	2.88							
PCB-13/12	43.6	C	PCB-38	[0.793]	J EMPC						
PCB-15	130		PCB-35	(0.528)							
			PCB-37	165							
<b>Conc.</b>	322		<b>Conc.</b>	1,080					<b>Conc.</b>	18,200	
<b>EMPC</b>	322		<b>EMPC</b>	1,080					<b>EMPC</b>	18,200	



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Totals	Conc.	EMPC
Mono-Tri	1,410	1,410
Tetra-Hexa	156,000	156,000
Hepta-Deca	22,900	22,900
Mono-Deca	181,000	181,000

**Sample ID: HF-14 (0-1) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(0.382)		PCB-109/119/86...	8,280	E C	PCB-155	(0.448)		PCB-165	(0.533)	
PCB-96	35.4		PCB-117	238		PCB-152	10.1		PCB-146	1,810	E
PCB-103	105		PCB-116/85	2,470	E C	PCB-150	15.1		PCB-161	(0.52)	
PCB-94	38.5		PCB-110	12,000	E	PCB-136	1,340		PCB-153/168	10,500	E C
PCB-95	7,850	E	PCB-115	(4.18)		PCB-145	4.32		PCB-141	1,950	E
PCB-100/93	84.3	C	PCB-82	1,040		PCB-148	15.6		PCB-130	1,100	
PCB-102	252		PCB-111	13.3		PCB-151/135	3,530	E C	PCB-137	977	
PCB-98	(5.07)		PCB-120	53.6		PCB-154	157		PCB-164	938	
PCB-88	(7.89)		PCB-108/124	523	C	PCB-144	442		PCB-163/138/129	16,000	E C
PCB-91	1,550		PCB-107	834		PCB-147/149	8,650	E C	PCB-160	(0.603)	
PCB-84	2,450	E	PCB-123	229		PCB-134	814		PCB-158	1,460	
PCB-89	48.4		PCB-106	(4.44)		PCB-143	(0.8)		PCB-128/166	2,950	E C
PCB-121	(4.87)		PCB-118	11,400	E	PCB-139/140	336	C	PCB-159	65.9	
PCB-92	2,800	E	PCB-122	128		PCB-131	176		PCB-162	69.5	
PCB-113/90/101	13,500	E C	PCB-114	182		PCB-142	(0.768)		PCB-167	779	
PCB-83	(6.05)		PCB-105	4,380	E	PCB-132	3,950	E	PCB-156/157	2,230	E C
PCB-99	7,150	E	PCB-127	(5.12)		PCB-133	219		PCB-169	(2.7)	
PCB-112	(4.22)		PCB-126	45.3							
			<b>Conc.</b>	77,700					<b>Conc.</b>	60,500	
			<b>EMPC</b>	77,700					<b>EMPC</b>	60,500	

Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	3.69		PCB-174	1,850	E	PCB-202	284		PCB-208	219	
PCB-179	734		PCB-177	1,130		PCB-201	128		PCB-207	55.8	
PCB-184	2.02		PCB-181	35		PCB-204	(0.405)		PCB-206	646	
PCB-176	232		PCB-171/173	567	C	PCB-197	26.9				
PCB-186	(0.264)		PCB-172	317		PCB-200	149		<b>Conc.</b>	921	
PCB-178	413		PCB-192	(0.951)		PCB-198/199	1,320	C	<b>EMPC</b>	921	
PCB-175	70.2		PCB-180/193	5,760	E C	PCB-196	444				
PCB-187	2,420	E	PCB-191	68.9		PCB-203	766		<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	12.6		PCB-170	1,600		PCB-195	358		PCB-209	648	
PCB-183	1,060		PCB-190	411		PCB-194	964				
PCB-185	(1.28)		PCB-189	96.3		PCB-205	66.5				
			<b>Conc.</b>	16,800		<b>Conc.</b>	4,500				
			<b>EMPC</b>	16,800		<b>EMPC</b>	4,500				

# Sample ID: HF-14 (1-3)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	10.79 g	Sample ID:	P2164_7746_PCB_015-SP5	Date Extracted:	4-May-10
Date Collected:	15-Apr-10	% Solids	94.1 %	QC Batch No.:	7746	Date Analyzed:	16-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	187				ES PCB-1	76.2	
PCB-81 344'5'-TeCB	ND	12.5			ES PCB-3	88	
PCB-105 233'44'-PeCB	15,800			E	ES PCB-4	86.4	
PCB-114 2344'5'-PeCB	471				ES PCB-15	100	
PCB-118 23'44'5'-PeCB	48,400			E	ES PCB-19	91.3	
PCB-123 23'44'5'-PeCB	1,040				ES PCB-37	99.9	
PCB-126 33'44'5'-PeCB	51.8				ES PCB-54	91.1	
PCB-156/157 233'44'5'/233'44'5'-HxCB	7,410			C	ES PCB-77	105	
PCB-167 23'44'55'-HxCB	2,860				ES PCB-81	98.3	
PCB-169 33'44'55'-HxCB	ND	4.56			ES PCB-104	106	
PCB-189 233'44'55'-HpCB	332				ES PCB-105	98.6	
					ES PCB-114	102	
<b>TEQs (WHO M/H)</b>					ES PCB-118	102	
					ES PCB-123	102	
ND = 0	7.49		7.49		ES PCB-126	102	
ND = 0.5 x DL	7.56		7.56		ES PCB-153	95.1	
					ES PCB-155	93	
<b>Totals</b>					ES PCB-156/157	88.4	
					ES PCB-167	92.8	
Mono-CBs	18.1				ES PCB-169	93.9	
Di-CBs	106				ES PCB-170	94.7	
Tri-CBs	494				ES PCB-180	94.9	
Tetra-CBs	42,000		42,000		ES PCB-188	94.6	
Penta-CBs	365,000				ES PCB-189	92.8	
Hexa-CBs	259,000		259,000		ES PCB-202	94.6	
Hepta-CBs	58,700				ES PCB-205	94.3	
Octa-CBs	13,400				ES PCB-206	104	
Nona-CBs	2,910				ES PCB-208	92.1	
PCB-209 DeCB	2,130				ES PCB-209	103	
					CS PCB-28	99	
Mono-Deca	743,000		744,000		CS PCB-111	104	
					CS PCB-178	99.4	

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# Sample ID: HF-14 (1-3)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	10.79 g		Sample ID:	P2164_7746_PCB_015-SP5		Date Extracted:	4-May-10		
Date Collected:	15-Apr-10	% Solids	94.1 %		QC Batch No.:	7746		Date Analyzed:	16-May-10		
		Units	pg/g		Checkcode:	αθ		Time Analyzed:	20:04:37		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	4.28	B	PCB-19	5.28	B	PCB-54	(0.4)		PCB-72	369	
PCB-2	5.06	B	PCB-30/18	24	B C	PCB-50/53	187	C	PCB-68	241	
PCB-3	8.8	B	PCB-17	11.8	B	PCB-45	45.5		PCB-57	(10.8)	
			PCB-27	3.32	B	PCB-51	12.4	B	PCB-58	(9.82)	
<b>Conc.</b>	18.1		PCB-24	0.397	J	PCB-46	11	B	PCB-67	(8.74)	
<b>EMPC</b>	18.1		PCB-16	10.4	B	PCB-52	11,800	E	PCB-63	103	
			PCB-32	15.6	B	PCB-73	[10.8]	EMPC	PCB-61/70/74/76	10,800	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	(0.537)		PCB-43	17.9		PCB-66	4,850	E
PCB-4	6.99	B	PCB-23	(0.604)		PCB-69/49	4,790	E C	PCB-55	(9.95)	
PCB-10	(0.59)		PCB-26/29	41.2	B C	PCB-48	52.1		PCB-56	1,020	
PCB-9	0.845	J B	PCB-25	13.2	B	PCB-44/47/65	3,980	E C	PCB-60	151	
PCB-7	(0.581)		PCB-31	103		PCB-59/62/75	200	C	PCB-80	(10.6)	
PCB-6	3.78	B	PCB-28/20	104	B C	PCB-42	461		PCB-79	340	
PCB-5	(0.612)		PCB-21/33	22	B C	PCB-41	(0.644)		PCB-78	(10.4)	
PCB-8	13.8	B	PCB-22	18.8	B	PCB-71/40	388	C	PCB-81	(12.5)	
PCB-14	(0.563)		PCB-36	(0.486)		PCB-64	1,960	E	PCB-77	187	
PCB-11	12.7	B	PCB-39	(0.555)							
PCB-13/12	6.82	C	PCB-38	2.31							
PCB-15	60.8		PCB-35	4.66							
			PCB-37	114							
<b>Conc.</b>	106		<b>Conc.</b>	494					<b>Conc.</b>	42,000	
<b>EMPC</b>	106		<b>EMPC</b>	494					<b>EMPC</b>	42,000	



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Totals	Conc.	EMPC
Mono-Tri	618	618
Tetra-Hexa	666,000	666,000
Hepta-Deca	77,100	77,100
Mono-Deca	743,000	744,000

**Sample ID: HF-14 (1-3) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	2.78		PCB-109/119/86...	39,900	E C	PCB-155	[0.777]	EMPC	PCB-165	(1.02)	
PCB-96	264		PCB-117	(8.26)		PCB-152	71.6		PCB-146	8,870	E
PCB-103	522		PCB-116/85	12,600	E C	PCB-150	129		PCB-161	(0.984)	
PCB-94	213		PCB-110	66,000	E	PCB-136	8,580	E	PCB-153/168	43,300	E C
PCB-95	42,000	E	PCB-115	(6.68)		PCB-145	[29]	EMPC	PCB-141	8,520	E
PCB-100/93	411	C	PCB-82	4,430	E	PCB-148	164		PCB-130	4,500	E
PCB-102	1,060		PCB-111	89.6		PCB-151/135	18,600	E C	PCB-137	3,910	E
PCB-98	(9.59)		PCB-120	406		PCB-154	(1.03)		PCB-164	4,260	E
PCB-88	(11.9)		PCB-108/124	2,100	E C	PCB-144	2,320	E	PCB-163/138/129	59,600	E C
PCB-91	9,520	E	PCB-107	3,300	E	PCB-147/149	38,000	E C	PCB-160	(1.1)	
PCB-84	8,720	E	PCB-123	1,040		PCB-134	4,300	E	PCB-158	6,550	E
PCB-89	178		PCB-106	(7.8)		PCB-143	(1.34)		PCB-128/166	11,300	E C
PCB-121	(8.25)		PCB-118	48,400	E	PCB-139/140	1,890	E C	PCB-159	239	
PCB-92	14,400	E	PCB-122	588		PCB-131	890		PCB-162	229	
PCB-113/90/101	58,700	E C	PCB-114	471		PCB-142	(1.45)		PCB-167	2,860	E
PCB-83	(10.9)		PCB-105	15,800	E	PCB-132	21,100	E	PCB-156/157	7,410	E C
PCB-99	33,900	E	PCB-127	(9.33)		PCB-133	1,160		PCB-169	(4.56)	
PCB-112	(7.38)		PCB-126	51.8							
			<b>Conc.</b>	365,000					<b>Conc.</b>	259,000	
			<b>EMPC</b>	365,000					<b>EMPC</b>	259,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	11.9		PCB-174	6,580	E	PCB-202	819		PCB-208	766	
PCB-179	3,170	E	PCB-177	4,090	E	PCB-201	455		PCB-207	167	
PCB-184	7.5		PCB-181	(2.58)		PCB-204	(0.841)		PCB-206	1,970	E
PCB-176	1,160		PCB-171/173	2,320	E C	PCB-197	97.1				
PCB-186	(0.519)		PCB-172	1,080		PCB-200	464		<b>Conc.</b>	2,910	
PCB-178	1,400		PCB-192	(2.1)		PCB-198/199	3,570	E C	<b>EMPC</b>	2,910	
PCB-175	287		PCB-180/193	19,000	E C	PCB-196	1,540				
PCB-187	7,880	E	PCB-191	287		PCB-203	2,230	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	70.6		PCB-170	5,640	E	PCB-195	1,070		PCB-209	2,130	E
PCB-183	3,580	E	PCB-190	1,240		PCB-194	2,960	E			
PCB-185	559		PCB-189	332		PCB-205	184				
			<b>Conc.</b>	58,700		<b>Conc.</b>	13,400				
			<b>EMPC</b>	58,700		<b>EMPC</b>	13,400				

# Sample ID: HF-14 (3-4)

# Method HR-PCB

Client Data		Sample Data		Laboratory Data			
Name:	TRC Companies, Inc.	Matrix:	Solid	Project No.:	P2164	Date Received:	16-Apr-10
Project ID:	City Of New Bedford	Weight/Volume:	10.01 g	Sample ID:	P2164_7775_PCB_016-sp5	Date Extracted:	13-May-10
Date Collected:	15-Apr-10	% Solids	76.0 %	QC Batch No.:	7775	Date Analyzed:	17-May-10
Analyte	Conc.	DL	EMPC	Qualifier	Standard	Recovery	
	pg/g	pg/g	pg/g			%	
PCB-77 33'44'-TeCB	240				ES PCB-1	108	
PCB-81 344'5'-TeCB	ND	42.9			ES PCB-3	110	
PCB-105 233'44'-PeCB	12,400			E	ES PCB-4	106	
PCB-114 2344'5'-PeCB	444				ES PCB-15	95.1	
PCB-118 23'44'5'-PeCB	33,100			E	ES PCB-19	102	
PCB-123 23'44'5'-PeCB	667				ES PCB-37	93.5	
PCB-126 33'44'5'-PeCB	ND	35			ES PCB-54	109	
PCB-156/157 233'44'5'/233'44'5'-HxCB	6,670			C	ES PCB-77	86.5	
PCB-167 23'44'55'-HxCB	3,510				ES PCB-81	89.2	
PCB-169 33'44'55'-HxCB	ND	62			ES PCB-104	117	
PCB-189 233'44'55'-HpCB	1,030				ES PCB-105	83.8	
					ES PCB-114	98	
<b>TEQs (WHO M/H)</b>					ES PCB-118	88.8	
					ES PCB-123	97.3	
ND = 0	1.76		1.76		ES PCB-126	97.9	
ND = 0.5 x DL	4.44		4.44		ES PCB-153	111	
					ES PCB-155	93.3	
<b>Totals</b>					ES PCB-156/157	105	
					ES PCB-167	99.7	
Mono-CBs	96.5				ES PCB-169	124	
Di-CBs	362				ES PCB-170	89.8	
Tri-CBs	1,050		1,080		ES PCB-180	97.9	
Tetra-CBs	28,300		28,500		ES PCB-188	101	
Penta-CBs	292,000				ES PCB-189	101	
Hexa-CBs	399,000				ES PCB-202	109	
Hepta-CBs	301,000				ES PCB-205	106	
Octa-CBs	113,000				ES PCB-206	331 V	
Nona-CBs	7,940				ES PCB-208	91	
PCB-209 DeCB	4,270			E	ES PCB-209	115	
					CS PCB-28	114	
Mono-Deca	1,150,000		1,150,000		CS PCB-111	112	
					CS PCB-178	108	

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AP PCB 2010 Rev. A



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# Sample ID: HF-14 (3-4)

# Method HR-PCB

Client Data		Sample Data			Laboratory Data						
Name:	TRC Companies, Inc.	Matrix:	Solid		Project No.:	P2164		Date Received:	16-Apr-10		
Project ID:	City Of New Bedford	Weight/Volume:	10.01 g		Sample ID:	P2164_7775_PCB_016-sp5		Date Extracted:	13-May-10		
Date Collected:	15-Apr-10	% Solids	76.0 %		QC Batch No.:	7775		Date Analyzed:	17-May-10		
		Units	pg/g		Checkcode:	πω		Time Analyzed:	03:39:04		

Mono	Conc.	Qualifiers	Tri	Conc.	Qualifiers	Tetra	Conc.	Qualifiers	Tetra	Conc.	Qualifiers
PCB-1	30.2	B	PCB-19	35.4	B	PCB-54	(4.49)		PCB-72	125	
PCB-2	28.9		PCB-30/18	93.4	B C	PCB-50/53	511	C	PCB-68	[135]	EMPC
PCB-3	37.4		PCB-17	35.2	B	PCB-45	151		PCB-57	(38.3)	
			PCB-27	13.9	B	PCB-51	62.9		PCB-58	135	
<b>Conc.</b>	96.5		PCB-24	(2)		PCB-46	105		PCB-67	[35]	EMPC
<b>EMPC</b>	96.5		PCB-16	[32.3]	B EMPC	PCB-52	8,340	E	PCB-63	64.3	
			PCB-32	41	B	PCB-73	(9.88)		PCB-61/70/74/76	6,560	E C
<b>Di</b>	<b>Conc.</b>	<b>Qualifiers</b>	PCB-34	9.3		PCB-43	(13.8)		PCB-66	2,710	E
PCB-4	25.2	B	PCB-23	(13.9)		PCB-69/49	2,570	E C	PCB-55	(35.8)	
PCB-10	(2.72)		PCB-26/29	(11.5)	C	PCB-48	87.2		PCB-56	648	
PCB-9	[4.19]	B	PCB-25	35.3		PCB-44/47/65	2,920	E C	PCB-60	190	
PCB-7	[3.61]		PCB-31	190		PCB-59/62/75	157	C	PCB-80	(37.1)	
PCB-6	[17]	B	PCB-28/20	251	C	PCB-42	390		PCB-79	403	
PCB-5	(4.08)		PCB-21/33	83.2	C	PCB-41	17.2		PCB-78	(36.7)	
PCB-8	60	B	PCB-22	45.9		PCB-71/40	462	C	PCB-81	(42.9)	
PCB-14	[10.9]		PCB-36	(11.4)		PCB-64	1,440		PCB-77	240	
PCB-11	102	B	PCB-39	43.2							
PCB-13/12	[26.3]	C	PCB-38	(13.5)							
PCB-15	113		PCB-35	13.8							
			PCB-37	160							
<b>Conc.</b>	362		<b>Conc.</b>	1,050					<b>Conc.</b>	28,300	
<b>EMPC</b>	362		<b>EMPC</b>	1,080					<b>EMPC</b>	28,500	



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Totals	Conc.	EMPC
Mono-Tri	1,510	1,540
Tetra-Hexa	719,000	720,000
Hepta-Deca	426,000	426,000
Mono-Deca	1,150,000	1,150,000



**Sample ID: HF-14 (3-4) Method HR-PCB**

Penta	Conc.	Qualifiers	Penta	Conc.	Qualifiers	Hexa	Conc.	Qualifiers	Hexa	Conc.	Qualifiers
PCB-104	(7.43)		PCB-109/119/86...	23,700	E C	PCB-155	(8.31)		PCB-165	(7.24)	
PCB-96	275		PCB-117	1,230		PCB-152	60.5		PCB-146	13,200	E
PCB-103	566		PCB-116/85	5,250	E C	PCB-150	165		PCB-161	(6.95)	
PCB-94	258		PCB-110	59,600	E	PCB-136	16,200	E	PCB-153/168	70,800	E C
PCB-95	50,500	E	PCB-115	(16.9)		PCB-145	34.6		PCB-141	15,200	E
PCB-100/93	413	C	PCB-82	3,980	E	PCB-148	253		PCB-130	5,150	E
PCB-102	1,410		PCB-111	48.2		PCB-151/135	37,100	E C	PCB-137	3,550	E
PCB-98	123		PCB-120	194		PCB-154	1,450		PCB-164	5,850	E
PCB-88	(30.2)		PCB-108/124	1,240	C	PCB-144	4,680	E	PCB-163/138/129	83,600	E C
PCB-91	8,370	E	PCB-107	1,860		PCB-147/149	72,600	E C	PCB-160	(8.4)	
PCB-84	13,200	E	PCB-123	667		PCB-134	4,810	E	PCB-158	7,780	E
PCB-89	313		PCB-106	(17.8)		PCB-143	(9.06)		PCB-128/166	14,500	E C
PCB-121	(19)		PCB-118	33,100	E	PCB-139/140	1,840	C	PCB-159	222	
PCB-92	10,200	E	PCB-122	418		PCB-131	953		PCB-162	223	
PCB-113/90/101	41,400	E C	PCB-114	444		PCB-142	(10.3)		PCB-167	3,510	E
PCB-83	1,350		PCB-105	12,400	E	PCB-132	27,400	E	PCB-156/157	6,670	E C
PCB-99	19,300	E	PCB-127	(21.2)		PCB-133	1,520		PCB-169	(62)	
PCB-112	(17.6)		PCB-126	(35)							
			<b>Conc.</b>	292,000					<b>Conc.</b>	399,000	
			<b>EMPC</b>	292,000					<b>EMPC</b>	399,000	
Hepta	Conc.	Qualifiers	Hepta	Conc.	Qualifiers	Octa	Conc.	Qualifiers	Nona	Conc.	Qualifiers
PCB-188	21.5		PCB-174	32,800	E	PCB-202	5,870	E	PCB-208	2,950	E
PCB-179	18,400	E	PCB-177	18,200	E	PCB-201	3,880	E	PCB-207	1,300	
PCB-184	(4.57)		PCB-181	126		PCB-204	(7.44)		PCB-206	3,690	E
PCB-176	6,010	E	PCB-171/173	8,210	E C	PCB-197	564				
PCB-186	(4.36)		PCB-172	4,720	E	PCB-200	4,370	E	<b>Conc.</b>	7,940	
PCB-178	7,160	E	PCB-192	(23.6)		PCB-198/199	32,000	E C	<b>EMPC</b>	7,940	
PCB-175	1,280		PCB-180/193	102,000	E C	PCB-196	13,600	E			
PCB-187	41,900	E	PCB-191	1,180		PCB-203	20,600	E	<b>Deca</b>	<b>Conc.</b>	<b>Qualifiers</b>
PCB-182	279		PCB-170	27,200	E	PCB-195	7,940	E	PCB-209	4,270	E
PCB-183	18,000	E	PCB-190	8,400	E	PCB-194	22,500	E			
PCB-185	4,090	E	PCB-189	1,030		PCB-205	1,330				
			<b>Conc.</b>	301,000		<b>Conc.</b>	113,000				
			<b>EMPC</b>	301,000		<b>EMPC</b>	113,000				