

Pace Analytical™
www.pacelabs.com

Pace Analytical Services, Inc.
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444

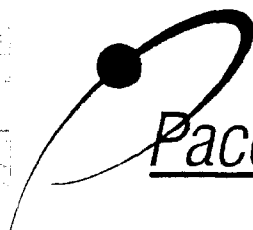
Appendix B

REPORT OF LABORATORY ANALYSIS

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CITY_21MC100_002879233


Pace AnalyticalTM

Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612-607-6444

Method 8290 Blank Analysis Results

Client - ATC

Lab Sample ID	BLANK-1389	Matrix	WIPE
Filename	F20103A_06	Dilution	NA
Total Amount Extracted	1 m2	Extracted	12/23/2001
ICAL Date	01/02/2002	Analyzed	01/03/2002 12:02
CCal Filename(s)	F20102A_22 & F20103B_01	Injected By	LMD

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.00200	2,3,7,8-TCDF-13C	2.00	75
Total TCDF	ND	----	0.00200	2,3,7,8-TCDD-13C	2.00	73
				1,2,3,7,8-PeCDF-13C	2.00	81
2,3,7,8-TCDD	ND	----	0.00200	2,3,4,7,8-PeCDF-13C	2.00	80
Total TCDD	ND	----	0.00200	1,2,3,7,8-PeCDD-13C	2.00	83
				1,2,3,4,7,8-HxCDF-13C	2.00	89
1,2,3,7,8-PeCDF	ND	----	0.01000	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	ND	----	0.01000	2,3,4,6,7,8-HxCDF-13C	2.00	85
Total PeCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDF-13C	2.00	92
				1,2,3,4,7,8-HxCDD-13C	2.00	111
1,2,3,7,8-PeCDD	ND	----	0.01000	1,2,3,6,7,8-HxCDD-13C	2.00	77
Total PeCDD	ND	----	0.01000	1,2,3,4,6,7,8-HpCDF-13C	2.00	95
				1,2,3,4,7,8,9-HpCDF-13C	2.00	95
1,2,3,4,7,8-HxCDF	ND	----	0.01000	1,2,3,4,6,7,8-HpCDD-13C	2.00	104
1,2,3,6,7,8-HxCDF	ND	----	0.01000	OCDD-13C	4.00	89
2,3,4,6,7,8-HxCDF	ND	----	0.01000			
1,2,3,7,8,9-HxCDF	ND	----	0.01000	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.01000	2,3,7,8-TCDD-37Cl4	0.20	76
1,2,3,6,7,8-HxCDD	ND	----	0.01000			
1,2,3,7,8,9-HxCDD	ND	----	0.01000			
Total HxCDD	ND	----	0.01000			
1,2,3,4,6,7,8-HpCDF	ND	----	0.01000	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.01000	Equivalence: 0.00 ng/m2		
Total HpCDF	ND	----	0.01000	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	----	0.01000			
Total HpCDD	ND	----	0.01000			
OCDF	ND	----	0.02000			
OCDD	ND	----	0.02000			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
LRL = Lower Reporting Limit
J = Concentration detected is below the calibration range
P = Recovery outside of target range
A = Detection Limit based on signal-to-noise measurement

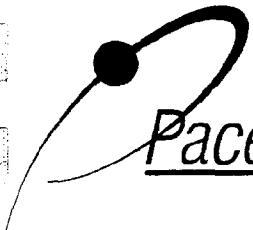
I = Interference
E = PCDE Interference
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

Report No.....01-1052540

REPORT OF LABORATORY ANALYSIS

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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX1		
Lab Sample ID	103233896		
Filename	F11228B_03		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/28/2001 23:01

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.00200	2,3,7,8-TCDF-13C	2.00	62
Total TCDF	0.0034	----	0.00200 J	2,3,7,8-TCDD-13C	2.00	74
				1,2,3,7,8-PeCDF-13C	2.00	65
2,3,7,8-TCDD	ND	----	0.00200	2,3,4,7,8-PeCDF-13C	2.00	68
Total TCDD	0.0130	----	0.00200	1,2,3,7,8-PeCDD-13C	2.00	83
				1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	0.01000	1,2,3,6,7,8-HxCDF-13C	2.00	78
2,3,4,7,8-PeCDF	ND	----	0.01000	2,3,4,6,7,8-HxCDF-13C	2.00	76
Total PeCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDF-13C	2.00	76
				1,2,3,4,7,8-HxCDD-13C	2.00	101
1,2,3,7,8-PeCDD	ND	----	0.01000	1,2,3,6,7,8-HxCDD-13C	2.00	84
Total PeCDD	0.0760	----	0.01000	1,2,3,4,6,7,8-HpCDF-13C	2.00	89
				1,2,3,4,7,8,9-HpCDF-13C	2.00	82
1,2,3,4,7,8-HxCDF	ND	----	0.01000	1,2,3,4,6,7,8-HpCDD-13C	2.00	100
1,2,3,6,7,8-HxCDF	ND	----	0.01000	OCDD-13C	4.00	68
2,3,4,6,7,8-HxCDF	ND	----	0.01000			
1,2,3,7,8,9-HxCDF	ND	----	0.01000	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.0150	----	0.01000 J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	0.0220	----	0.01000 J	2,3,7,8-TCDD-37Cl4	0.20	76
1,2,3,6,7,8-HxCDD	ND	----	0.01000			
1,2,3,7,8,9-HxCDD	ND	----	0.01000			
Total HxCDD	0.3100	----	0.01000			
1,2,3,4,6,7,8-HpCDF	0.0250	----	0.01000 J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.01000	Equivalence: 0.0038 ng/m2		
Total HpCDF	0.0250	----	0.01000 J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.1000	----	0.01000			
Total HpCDD	0.3400	----	0.01000			
OCDF	0.0280	----	0.02000 J			
OCDD	0.3600	----	0.02000			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
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B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

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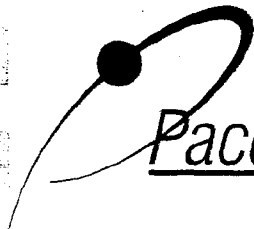
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Pace AnalyticalTM

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX2		
Lab Sample ID	103233904		
Filename	F11228B_04		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/28/2001 23:51

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.0028 A	2,3,7,8-TCDF-13C	2.00	61
Total TCDF	ND	----	0.0020	2,3,7,8-TCDD-13C	2.00	74
				1,2,3,7,8-PeCDF-13C	2.00	65
2,3,7,8-TCDD	ND	----	0.0021 A	2,3,4,7,8-PeCDF-13C	2.00	66
Total TCDD	0.0043	----	0.0020 J	1,2,3,7,8-PeCDD-13C	2.00	81
				1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	0.0100	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	ND	----	0.0100	2,3,4,6,7,8-HxCDF-13C	2.00	74
Total PeCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDF-13C	2.00	74
				1,2,3,4,7,8-HxCDD-13C	2.00	89
1,2,3,7,8-PeCDD	ND	----	0.0100	1,2,3,6,7,8-HxCDD-13C	2.00	91
Total PeCDD	ND	----	0.0100	1,2,3,4,6,7,8-HpCDF-13C	2.00	80
				1,2,3,4,7,8,9-HpCDF-13C	2.00	78
1,2,3,4,7,8-HxCDF	ND	----	0.0100	1,2,3,4,6,7,8-HpCDD-13C	2.00	94
1,2,3,6,7,8-HxCDF	ND	----	0.0100	OCDD-13C	4.00	64
2,3,4,6,7,8-HxCDF	ND	----	0.0100			
1,2,3,7,8,9-HxCDF	ND	----	0.0100	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.0100	2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,6,7,8-HxCDD	ND	----	0.0100			
1,2,3,7,8,9-HxCDD	ND	----	0.0100			
Total HxCDD	0.0320	----	0.0100 J			
1,2,3,4,6,7,8-HpCDF	0.0150	----	0.0100 J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100	Equivalence: 0.00070 ng/m2		
Total HpCDF	0.0150	----	0.0100 J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0340	----	0.0100 J			
Total HpCDD	0.0670	----	0.0100 J			
OCDF	ND	----	0.0200			
OCDD	0.2100	----	0.0200			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
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B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nh = Value obtained from additional analysis

LRL = Lower Reporting Limit
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E = PCDE Interference
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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX3		
Lab Sample ID	103233912		
Filename	F11228B_05		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 00:41

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.0046 A	2,3,7,8-TCDF-13C	2.00	59
Total TCDF	0.0079	----	0.0020 J	2,3,7,8-TCDD-13C	2.00	72
				1,2,3,7,8-PeCDF-13C	2.00	60
2,3,7,8-TCDD	ND	----	0.0020	2,3,4,7,8-PeCDF-13C	2.00	61
Total TCDD	0.0360	----	0.0020	1,2,3,7,8-PeCDD-13C	2.00	73
				1,2,3,4,7,8-HxCDF-13C	2.00	75
1,2,3,7,8-PeCDF	ND	----	0.0100	1,2,3,6,7,8-HxCDF-13C	2.00	69
2,3,4,7,8-PeCDF	ND	----	0.0100	2,3,4,6,7,8-HxCDF-13C	2.00	70
Total PeCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDF-13C	2.00	72
				1,2,3,4,7,8-HxCDD-13C	2.00	93
1,2,3,7,8-PeCDD	ND	----	0.0100	1,2,3,6,7,8-HxCDD-13C	2.00	80
Total PeCDD	0.0200	----	0.0100 J	1,2,3,4,6,7,8-HpCDF-13C	2.00	71
				1,2,3,4,7,8,9-HpCDF-13C	2.00	68
1,2,3,4,7,8-HxCDF	ND	----	0.0100	1,2,3,4,6,7,8-HpCDD-13C	2.00	82
1,2,3,6,7,8-HxCDF	ND	----	0.0100	OCDD-13C	4.00	56
2,3,4,6,7,8-HxCDF	ND	----	0.0100			
1,2,3,7,8,9-HxCDF	ND	----	0.0100	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.0140	----	0.0100 J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.0100	2,3,7,8-TCDD-37Cl4	0.20	73
1,2,3,6,7,8-HxCDD	ND	----	0.0100			
1,2,3,7,8,9-HxCDD	ND	----	0.0100			
Total HxCDD	0.0460	----	0.0100 J			
1,2,3,4,6,7,8-HpCDF	0.0210	----	0.0100 J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100	Equivalence: 0.0014 ng/m2		
Total HpCDF	0.0210	----	0.0100 J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0610	----	0.0100			
Total HpCDD	0.1100	----	0.0100			
OCDF	0.0360	----	0.0200 J			
OCDD	0.5900	----	0.0200			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
J = Concentration detected is below the calibration range
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

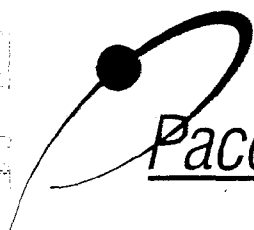
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E = PCDE Interference
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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX4		
Lab Sample ID	103233920		
Filename	F11228B_06		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 01:30

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.0026	----	0.00200 J		2,3,7,8-TCDF-13C	2.00	58
Total TCDF	0.0540	----	0.00200		2,3,7,8-TCDD-13C	2.00	72
					1,2,3,7,8-PeCDF-13C	2.00	59
2,3,7,8-TCDD	ND	----	0.00200		2,3,4,7,8-PeCDF-13C	2.00	59
Total TCDD	0.0840	----	0.00200		1,2,3,7,8-PeCDD-13C	2.00	71
					1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	0.01000		1,2,3,6,7,8-HxCDF-13C	2.00	73
2,3,4,7,8-PeCDF	ND	----	0.01000		2,3,4,6,7,8-HxCDF-13C	2.00	74
Total PeCDF	0.0220	----	0.01000 J		1,2,3,7,8,9-HxCDF-13C	2.00	71
					1,2,3,4,7,8-HxCDD-13C	2.00	98
1,2,3,7,8-PeCDD	ND	----	0.01000		1,2,3,6,7,8-HxCDD-13C	2.00	78
Total PeCDD	0.1000	----	0.01000		1,2,3,4,6,7,8-HpCDF-13C	2.00	72
					1,2,3,4,7,8,9-HpCDF-13C	2.00	67
1,2,3,4,7,8-HxCDF	ND	----	0.01000		1,2,3,4,6,7,8-HpCDD-13C	2.00	81
1,2,3,6,7,8-HxCDF	ND	----	0.01000		OCDD-13C	4.00	56
2,3,4,6,7,8-HxCDF	ND	----	0.01000				
1,2,3,7,8,9-HxCDF	ND	----	0.01000		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.0200	----	0.01000 J		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.01000		2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,6,7,8-HxCDD	ND	----	0.01000				
1,2,3,7,8,9-HxCDD	ND	----	0.01000				
Total HxCDD	0.1600	----	0.01000				
1,2,3,4,6,7,8-HpCDF	0.0210	----	0.01000 J		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.01000		Equivalence: 0.0013 ng/m2		
Total HpCDF	0.0210	----	0.01000 J		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0480	----	0.01000 J				
Total HpCDD	0.0890	----	0.01000 J				
OCDF	0.0230	----	0.02000 J				
OCDD	0.3100	----	0.02000				

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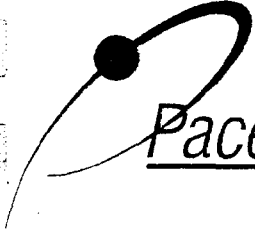
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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX5		
Lab Sample ID	103233938		
Filename	F11228B_07		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 02:20

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.0020	2,3,7,8-TCDF-13C	2.00	59
Total TCDF	0.026	----	0.0020	2,3,7,8-TCDD-13C	2.00	72
				1,2,3,7,8-PeCDF-13C	2.00	58
2,3,7,8-TCDD	ND	----	0.0020	2,3,4,7,8-PeCDF-13C	2.00	59
Total TCDD	0.047	----	0.0020	1,2,3,7,8-PeCDD-13C	2.00	71
				1,2,3,4,7,8-HxCDF-13C	2.00	67
1,2,3,7,8-PeCDF	ND	----	0.0100	1,2,3,6,7,8-HxCDF-13C	2.00	69
2,3,4,7,8-PeCDF	ND	----	0.0100	2,3,4,6,7,8-HxCDF-13C	2.00	68
Total PeCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDF-13C	2.00	67
				1,2,3,4,7,8-HxCDD-13C	2.00	87
1,2,3,7,8-PeCDD	ND	----	0.0100	1,2,3,6,7,8-HxCDD-13C	2.00	82
Total PeCDD	0.030	----	0.0100 J	1,2,3,4,6,7,8-HpCDF-13C	2.00	73
				1,2,3,4,7,8,9-HpCDF-13C	2.00	70
1,2,3,4,7,8-HxCDF	ND	----	0.0100	1,2,3,4,6,7,8-HpCDD-13C	2.00	85
1,2,3,6,7,8-HxCDF	ND	----	0.0100	OCDD-13C	4.00	63
2,3,4,6,7,8-HxCDF	ND	----	0.0100			
1,2,3,7,8,9-HxCDF	ND	----	0.0100	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.011	----	0.0100 J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.0100	2,3,7,8-TCDD-37Cl4	0.20	74
1,2,3,6,7,8-HxCDD	ND	----	0.0100			
1,2,3,7,8,9-HxCDD	ND	----	0.0100			
Total HxCDD	0.075	----	0.0100			
1,2,3,4,6,7,8-HpCDF	0.016	----	0.0100 J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100	Equivalence: 0.00085 ng/m2		
Total HpCDF	0.016	----	0.0100 J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.037	----	0.0100 J			
Total HpCDD	0.074	----	0.0100 J			
OCDF	0.022	----	0.0200 J			
OCDD	0.300	----	0.0200			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
J = Concentration detected is below the calibration range
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

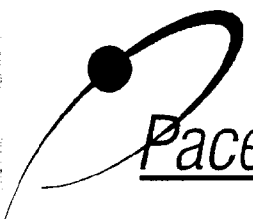
LRL = Lower Reporting Limit
I = Interference
E = PCDE Interference
S = Saturated signal
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

Report No.....01-1052540

REPORT OF LABORATORY ANALYSIS

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Pace AnalyticalTM

 Pace Analytical Services, Inc.
 1700 Elm Street - Suite 200
 Minneapolis, MN 55414

 Tel: 612-607-1700
 Fax: 612-607-6444

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX6		
Lab Sample ID	103233946		
Filename	F11228B_08		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 03:10

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.0038	----	0.0020	J	2,3,7,8-TCDF-13C	2.00	59
Total TCDF	0.1100	----	0.0020		2,3,7,8-TCDD-13C	2.00	69
					1,2,3,7,8-PeCDF-13C	2.00	58
2,3,7,8-TCDD	ND	----	0.0025	A	2,3,4,7,8-PeCDF-13C	2.00	57
Total TCDD	0.1200	----	0.0020		1,2,3,7,8-PeCDD-13C	2.00	70
					1,2,3,4,7,8-HxCDF-13C	2.00	70
1,2,3,7,8-PeCDF	ND	----	0.0100		1,2,3,6,7,8-HxCDF-13C	2.00	68
2,3,4,7,8-PeCDF	ND	----	0.0100		2,3,4,6,7,8-HxCDF-13C	2.00	69
Total PeCDF	0.0270	----	0.0100	J	1,2,3,7,8,9-HxCDF-13C	2.00	69
					1,2,3,4,7,8-HxCDD-13C	2.00	95
1,2,3,7,8-PeCDD	ND	----	0.0100		1,2,3,6,7,8-HxCDD-13C	2.00	74
Total PeCDD	0.0840	----	0.0100		1,2,3,4,6,7,8-HpCDF-13C	2.00	72
					1,2,3,4,7,8,9-HpCDF-13C	2.00	71
1,2,3,4,7,8-HxCDF	ND	----	0.0100		1,2,3,4,6,7,8-HpCDD-13C	2.00	85
1,2,3,6,7,8-HxCDF	ND	----	0.0100		OCDD-13C	4.00	64
2,3,4,6,7,8-HxCDF	ND	----	0.0100				
1,2,3,7,8,9-HxCDF	ND	----	0.0100		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.0210	----	0.0100	J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.0100		2,3,7,8-TCDD-37Cl4	0.20	73
1,2,3,6,7,8-HxCDD	ND	----	0.0100				
1,2,3,7,8,9-HxCDD	ND	----	0.0100				
Total HxCDD	0.0970	----	0.0100				
1,2,3,4,6,7,8-HpCDF	0.0260	----	0.0100	J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100		Equivalence: 0.0018 ng/m2		
Total HpCDF	0.0390	----	0.0100	J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0600	----	0.0100				
Total HpCDD	0.1200	----	0.0100				
OCDF	0.0390	----	0.0200	J			
OCDD	0.4900	----	0.0200				

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

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 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
 NC = Not Calculated
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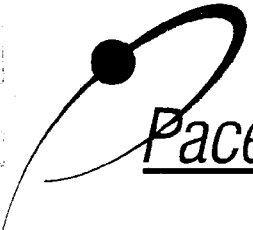
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1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444



Pace AnalyticalTM

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX7		
Lab Sample ID	103233953		
Filename	F11228B_09		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 04:00

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.0020	2,3,7,8-TCDF-13C	2.00	56
Total TCDF	0.0098	----	0.0020 J	2,3,7,8-TCDD-13C	2.00	69
				1,2,3,7,8-PeCDF-13C	2.00	61
2,3,7,8-TCDD	ND	----	0.0020	2,3,4,7,8-PeCDF-13C	2.00	60
Total TCDD	0.0310	----	0.0020	1,2,3,7,8-PeCDD-13C	2.00	74
				1,2,3,4,7,8-HxCDF-13C	2.00	67
1,2,3,7,8-PeCDF	ND	----	0.0100	1,2,3,6,7,8-HxCDF-13C	2.00	65
2,3,4,7,8-PeCDF	ND	----	0.0100	2,3,4,6,7,8-HxCDF-13C	2.00	67
Total PeCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDF-13C	2.00	66
				1,2,3,4,7,8-HxCDD-13C	2.00	96
1,2,3,7,8-PeCDD	ND	----	0.0100	1,2,3,6,7,8-HxCDD-13C	2.00	70
Total PeCDD	0.0160	----	0.0100 J	1,2,3,4,6,7,8-HpCDF-13C	2.00	69
				1,2,3,4,7,8,9-HpCDF-13C	2.00	69
1,2,3,4,7,8-HxCDF	ND	----	0.0100	1,2,3,4,6,7,8-HpCDD-13C	2.00	84
1,2,3,6,7,8-HxCDF	ND	----	0.0100	OCDD-13C	4.00	64
2,3,4,6,7,8-HxCDF	ND	----	0.0100			
1,2,3,7,8,9-HxCDF	ND	----	0.0100	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.0100	2,3,7,8-TCDD-37Cl4	0.20	70
1,2,3,6,7,8-HxCDD	ND	----	0.0100			
1,2,3,7,8,9-HxCDD	ND	----	0.0100			
Total HxCDD	0.0260	----	0.0100 J			
1,2,3,4,6,7,8-HpCDF	ND	----	0.0100	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100	Equivalence: 0.00038 ng/m2		
Total HpCDF	ND	----	0.0100	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0220	----	0.0100 J			
Total HpCDD	0.0410	----	0.0100 J			
OCDF	ND	----	0.0200			
OCDD	0.1600	----	0.0200			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
J = Concentration detected is below the calibration range
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

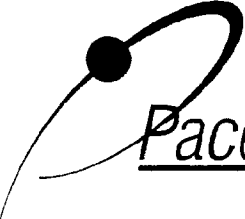
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I = Interference
E = PCDE Interference
S = Saturated signal
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

Report No.....01-1052540

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612- 607-6444

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX8		
Lab Sample ID	103233961		
Filename	F11228B_10		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 04:50

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	-----	0.0041	A	2,3,7,8-TCDF-13C	2.00	61
Total TCDF	0.038	-----	0.0020		2,3,7,8-TCDD-13C	2.00	74
					1,2,3,7,8-PeCDF-13C	2.00	64
2,3,7,8-TCDD	ND	-----	0.0023	A	2,3,4,7,8-PeCDF-13C	2.00	64
Total TCDD	0.048	-----	0.0020		1,2,3,7,8-PeCDD-13C	2.00	78
					1,2,3,4,7,8-HxCDF-13C	2.00	78
1,2,3,7,8-PeCDF	ND	-----	0.0100		1,2,3,6,7,8-HxCDF-13C	2.00	68
2,3,4,7,8-PeCDF	ND	-----	0.0100		2,3,4,6,7,8-HxCDF-13C	2.00	75
Total PeCDF	0.013	-----	0.0100	J	1,2,3,7,8,9-HxCDF-13C	2.00	73
					1,2,3,4,7,8-HxCDD-13C	2.00	104
1,2,3,7,8-PeCDD	ND	-----	0.0100		1,2,3,6,7,8-HxCDD-13C	2.00	80
Total PeCDD	0.026	-----	0.0100	J	1,2,3,4,6,7,8-HpCDF-13C	2.00	75
					1,2,3,4,7,8,9-HpCDF-13C	2.00	74
1,2,3,4,7,8-HxCDF	ND	-----	0.0100		1,2,3,4,6,7,8-HpCDD-13C	2.00	88
1,2,3,6,7,8-HxCDF	ND	-----	0.0100		OCDD-13C	4.00	69
2,3,4,6,7,8-HxCDF	ND	-----	0.0100				
1,2,3,7,8,9-HxCDF	ND	-----	0.0100		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.017	-----	0.0100	J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	-----	0.0100		2,3,7,8-TCDD-37Cl4	0.20	73
1,2,3,6,7,8-HxCDD	ND	-----	0.0100				
1,2,3,7,8,9-HxCDD	ND	-----	0.0100				
Total HxCDD	0.064	-----	0.0100				
1,2,3,4,6,7,8-HpCDF	0.017	-----	0.0100	J	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	-----	0.0100		Equivalence: 0.0011 ng/m2		
Total HpCDF	0.031	-----	0.0100	J	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.055	-----	0.0100				
Total HpCDD	0.100	-----	0.0100	J			
OCDF	0.026	-----	0.0200	J			
OCDD	0.390	-----	0.0200				

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)

EMPC = Estimated Maximum Possible Concentration

A = Detection Limit based on signal-to-noise measurement

J = Concentration detected is below the calibration range

B = Less than 10 times higher than method blank level

P = Recovery outside of target range

Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit

I = Interference

E = PCDE Interference

S = Saturated signal

ND = Not Detected

NA = Not Applicable

NC = Not Calculated

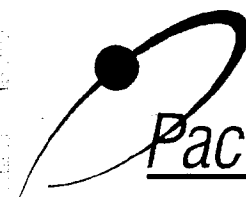
* = See Discussion

Report No.....01-1052540

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612-607-6444

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX9		
Lab Sample ID	103233979		
Filename	F20103A_11		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	01/02/2002	Received	12/21/2001
CCal Filename(s)	F20102A_22 & F20103B_01	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	01/03/2002 16:25

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.0096	----	0.0020	J	2,3,7,8-TCDF-13C	2.00	75
Total TCDF	0.4800	----	0.0020		2,3,7,8-TCDD-13C	2.00	79
					1,2,3,7,8-PeCDF-13C	2.00	73
2,3,7,8-TCDD	0.0026	----	0.0020	J	2,3,4,7,8-PeCDF-13C	2.00	59
Total TCDD	0.6200	----	0.0020		1,2,3,7,8-PeCDD-13C	2.00	74
					1,2,3,4,7,8-HxCDF-13C	2.00	124
1,2,3,7,8-PeCDF	ND	----	0.0100		1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	0.0150	----	0.0100	J	2,3,4,6,7,8-HxCDF-13C	2.00	90
Total PeCDF	0.1700	----	0.0100		1,2,3,7,8,9-HxCDF-13C	2.00	106
					1,2,3,4,7,8-HxCDD-13C	2.00	125
1,2,3,7,8-PeCDD	0.0120	----	0.0100	J	1,2,3,6,7,8-HxCDD-13C	2.00	80
Total PeCDD	0.3800	----	0.0100		1,2,3,4,6,7,8-HpCDF-13C	2.00	102
					1,2,3,4,7,8,9-HpCDF-13C	2.00	114
1,2,3,4,7,8-HxCDF	0.0160	----	0.0100	J	1,2,3,4,6,7,8-HpCDD-13C	2.00	114
1,2,3,6,7,8-HxCDF	0.0170	----	0.0100	J	OCDD-13C	4.00	116
2,3,4,6,7,8-HxCDF	0.0220	----	0.0100	J			
1,2,3,7,8,9-HxCDF	ND	----	0.0100		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.1700	----	0.0100		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	0.0130	----	0.0100	J	2,3,7,8-TCDD-37Cl4	0.20	85
1,2,3,6,7,8-HxCDD	0.0190	----	0.0100	J			
1,2,3,7,8,9-HxCDD	0.0110	----	0.0100	J			
Total HxCDD	0.5700	----	0.0100				
1,2,3,4,6,7,8-HpCDF	0.0780	----	0.0100		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.0100		Equivalence: 0.032 ng/m2		
Total HpCDF	0.1100	----	0.0100		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.2100	----	0.0100				
Total HpCDD	0.4300	----	0.0100				
OCDF	0.1200	----	0.0200				
OCDD	1.6000	----	0.0200				

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
 EMPC = Estimated Maximum Possible Concentration
 A = Detection Limit based on signal-to-noise measurement
 J = Concentration detected is below the calibration range
 B = Less than 10 times higher than method blank level
 P = Recovery outside of target range
 Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
 I = Interference
 E = PCDE Interference
 S = Saturated signal
 ND = Not Detected
 NA = Not Applicable
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 * = See Discussion

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612-607-6444

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX10		
Lab Sample ID	103233987		
Filename	F11228B_11		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 05:40

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.0029	----	0.00200 J		2,3,7,8-TCDF-13C	2.00	59
Total TCDF	0.0440	----	0.00200		2,3,7,8-TCDD-13C	2.00	72
					1,2,3,7,8-PeCDF-13C	2.00	59
2,3,7,8-TCDD	ND	----	0.00200		2,3,4,7,8-PeCDF-13C	2.00	59
Total TCDD	0.1100	----	0.00200		1,2,3,7,8-PeCDD-13C	2.00	73
					1,2,3,4,7,8-HxCDF-13C	2.00	67
1,2,3,7,8-PeCDF	ND	----	0.01000		1,2,3,6,7,8-HxCDF-13C	2.00	62
2,3,4,7,8-PeCDF	ND	----	0.01000		2,3,4,6,7,8-HxCDF-13C	2.00	64
Total PeCDF	0.0400	----	0.01000 J		1,2,3,7,8,9-HxCDF-13C	2.00	67
					1,2,3,4,7,8-HxCDD-13C	2.00	92
1,2,3,7,8-PeCDD	ND	----	0.01000		1,2,3,6,7,8-HxCDD-13C	2.00	73
Total PeCDD	0.1300	----	0.01000		1,2,3,4,6,7,8-HpCDF-13C	2.00	69
					1,2,3,4,7,8,9-HpCDF-13C	2.00	68
1,2,3,4,7,8-HxCDF	ND	----	0.01000		1,2,3,4,6,7,8-HpCDD-13C	2.00	84
1,2,3,6,7,8-HxCDF	ND	----	0.01000		OCDD-13C	4.00	63
2,3,4,6,7,8-HxCDF	ND	----	0.01000				
1,2,3,7,8,9-HxCDF	ND	----	0.01000		1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	0.0360	----	0.01000 J		1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.01000		2,3,7,8-TCDD-37Cl4	0.20	73
1,2,3,6,7,8-HxCDD	ND	----	0.01000				
1,2,3,7,8,9-HxCDD	ND	----	0.01000				
Total HxCDD	0.2000	----	0.01000				
1,2,3,4,6,7,8-HpCDF	0.0290	----	0.01000 J		Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.01000		Equivalence: 0.0016 ng/m2		
Total HpCDF	0.0290	----	0.01000 J		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0620	----	0.01000				
Total HpCDD	0.1200	----	0.01000				
OCDF	0.0320	----	0.02000 J				
OCDD	0.3700	----	0.02000				

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
J = Concentration detected is below the calibration range
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
I = Interference
E = PCDE Interference
S = Saturated signal
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

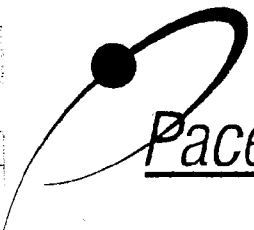
Report No.....01-1052540

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414



Pace AnalyticalTM

Tel: 612-607-1700
Fax: 612-607-6444

Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-1220-89M-DX11		
Lab Sample ID	103233995		
Filename	F11228B_12		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	12/20/2001
ICAL Date	11/19/2001	Received	12/21/2001
CCal Filename(s)	F11228B_01 & F11228B_16	Extracted	12/23/2001
Method Blank ID	BLANK-1389	Analyzed	12/29/2001 06:30

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.00200	2,3,7,8-TCDF-13C	2.00	63
Total TCDF	ND	----	0.00200	2,3,7,8-TCDD-13C	2.00	78
				1,2,3,7,8-PeCDF-13C	2.00	71
2,3,7,8-TCDD	ND	----	0.00200	2,3,4,7,8-PeCDF-13C	2.00	71
Total TCDD	ND	----	0.00200	1,2,3,7,8-PeCDD-13C	2.00	88
				1,2,3,4,7,8-HxCDF-13C	2.00	71
1,2,3,7,8-PeCDF	ND	----	0.01000	1,2,3,6,7,8-HxCDF-13C	2.00	74
2,3,4,7,8-PeCDF	ND	----	0.01000	2,3,4,6,7,8-HxCDF-13C	2.00	75
Total PeCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDF-13C	2.00	77
				1,2,3,4,7,8-HxCDD-13C	2.00	101
1,2,3,7,8-PeCDD	ND	----	0.01000	1,2,3,6,7,8-HxCDD-13C	2.00	80
Total PeCDD	ND	----	0.01000	1,2,3,4,6,7,8-HpCDF-13C	2.00	80
				1,2,3,4,7,8,9-HpCDF-13C	2.00	81
1,2,3,4,7,8-HxCDF	ND	----	0.01000	1,2,3,4,6,7,8-HpCDD-13C	2.00	96
1,2,3,6,7,8-HxCDF	ND	----	0.01000	OCDD-13C	4.00	72
2,3,4,6,7,8-HxCDF	ND	----	0.01000			
1,2,3,7,8,9-HxCDF	ND	----	0.01000	1,2,3,4-TCDD-13C	2.00	NA
Total HxCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	ND	----	0.01000	2,3,7,8-TCDD-37Cl4	0.20	76
1,2,3,6,7,8-HxCDD	ND	----	0.01000			
1,2,3,7,8,9-HxCDD	ND	----	0.01000			
Total HxCDD	ND	----	0.01000			
1,2,3,4,6,7,8-HpCDF	ND	----	0.01000	Total 2,3,7,8-TCDD		
1,2,3,4,7,8,9-HpCDF	ND	----	0.01000	Equivalence: 0.00 ng/m2		
Total HpCDF	ND	----	0.01000	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	----	0.01000			
Total HpCDD	ND	----	0.01000			
OCDF	ND	----	0.02000			
OCDD	ND	----	0.02000			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers)
EMPC = Estimated Maximum Possible Concentration
A = Detection Limit based on signal-to-noise measurement
J = Concentration detected is below the calibration range
B = Less than 10 times higher than method blank level
P = Recovery outside of target range
Nn = Value obtained from additional analysis

LRL = Lower Reporting Limit
I = Interference
E = PCDE Interference
S = Saturated signal
ND = Not Detected
NA = Not Applicable
NC = Not Calculated
* = See Discussion

Report No.....01-1052540

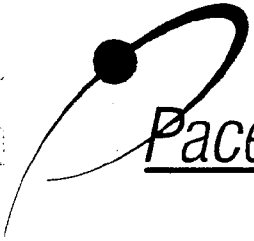
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Pace Analytical Services, Inc.
1700 Elm Street - Suite 200
Minneapolis, MN 55414

Tel: 612-607-1700
Fax: 612-607-6444



Pace AnalyticalTM

Method 8290 Laboratory Control Spike Results

Client - ATC

Lab Sample ID	SPIKE-1394	Matrix	WIPE
Filename	F20103A_03	Dilution	NA
Total Amount Extracted	1 Sample	Extracted	12/23/2001
ICAL Date	01/02/2002	Analyzed	01/03/2002 09:05
CCal Filename(s)	F20102A_22 & F20103B_01	Injected By	BAL
Method Blank ID	BLANK-1389		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.22	110	2,3,7,8-TCDF-13C	2.00	71
				2,3,7,8-TCDD-13C	2.00	72
				1,2,3,7,8-PeCDF-13C	2.00	81
2,3,7,8-TCDD	0.20	0.22	110	2,3,4,7,8-PeCDF-13C	2.00	78
				1,2,3,7,8-PeCDD-13C	2.00	84
				1,2,3,4,7,8-HxCDF-13C	2.00	83
1,2,3,7,8-PeCDF	1.00	1.08	108	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	1.00	1.08	108	2,3,4,6,7,8-HxCDF-13C	2.00	79
				1,2,3,7,8,9-HxCDF-13C	2.00	87
				1,2,3,4,7,8-HxCDD-13C	2.00	104
1,2,3,7,8-PeCDD	1.00	1.11	111	1,2,3,6,7,8-HxCDD-13C	2.00	79
				1,2,3,4,6,7,8-HpCDF-13C	2.00	89
				1,2,3,4,7,8,9-HpCDF-13C	2.00	90
1,2,3,4,7,8-HxCDF	1.00	1.08	108	1,2,3,4,6,7,8-HpCDD-13C	2.00	99
1,2,3,6,7,8-HxCDF	1.00	1.13	113	OCDD-13C	4.00	89
2,3,4,6,7,8-HxCDF	1.00	1.12	112			
1,2,3,7,8,9-HxCDF	1.00	1.10	110	1,2,3,4-TCDD-13C	2.00	NA
				1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	1.00	1.15	115	2,3,7,8-TCDD-37Cl4	0.20	77
1,2,3,6,7,8-HxCDD	1.00	1.11	111			
1,2,3,7,8,9-HxCDD	1.00	1.09	109			
1,2,3,4,6,7,8-HpCDF	1.00	1.15	115			
1,2,3,4,7,8,9-HpCDF	1.00	1.13	113			
1,2,3,4,6,7,8-HpCDD	1.00	1.09	109			
OCDF	2.00	2.23	111			
OCDD	2.00	2.17	109			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
P = Recovery outside of target range
X = Background subtracted value
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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