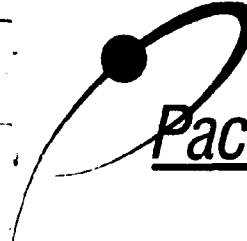


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Method 8290 Analysis Results

Client - ATC ASSOCIATES

Client's Sample ID	ATC-0521-234M-DX2		
Lab Sample ID	103579884		
Filename	F20615A_09		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	05/21/2002
ICAL Date	05/04/2002	Received	05/29/2002
CCal Filename(s)	F20615A_01 & F20615A_16	Extracted	06/10/2002
Method Blank ID	BLANK-1661	Analyzed	06/15/2002 21:59

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	A	2,3,7,8-TCDF-13C	2.00	80
Total TCDF	ND	----	0.0020		2,3,7,8-TCDD-13C	2.00	74
					1,2,3,7,8-PeCDF-13C	2.00	76
2,3,7,8-TCDD	ND	----	0.0029	A	2,3,4,7,8-PeCDF-13C	2.00	75
Total TCDD	0.027	----	0.0020	B	1,2,3,7,8-PeCDD-13C	2.00	72
					1,2,3,4,7,8-HxCDF-13C	2.00	94
1,2,3,7,8-PeCDF	ND	----	0.0100		1,2,3,6,7,8-HxCDF-13C	2.00	116
2,3,4,7,8-PeCDF	ND	----	0.0100		2,3,4,6,7,8-HxCDF-13C	2.00	105
Total PeCDF	ND	----	0.0100		1,2,3,7,8,9-HxCDF-13C	2.00	100
					1,2,3,4,7,8-HxCDD-13C	2.00	100
1,2,3,7,8-PeCDD	ND	----	0.0100		1,2,3,6,7,8-HxCDD-13C	2.00	95
Total PeCDD	ND	----	0.0100		1,2,3,4,6,7,8-HpCDF-13C	2.00	87
					1,2,3,4,7,8,9-HpCDF-13C	2.00	66
1,2,3,4,7,8-HxCDF	ND	----	0.0100		1,2,3,4,6,7,8-HpCDD-13C	2.00	77
1,2,3,6,7,8-HxCDF	ND	----	0.0100		OCDD-13C	4.00	68
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	80
1,2,3,6,7,8-HxCDD	ND	----	0.0100				
1,2,3,7,8,9-HxCDD	ND	----	0.0100				
Total HxCDD	ND	----	0.0100				
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: 0.000022 ng/m2		
Total HpCDF	ND	----	0.0100		(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	ND	----	0.0100				
Total HpCDD	ND	----	0.0100				
OCDF	ND	----	0.0200				
OCDD	0.022	----	0.0200	J			

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.....02-1058089

REPORT OF LABORATORY ANALYSIS

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