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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-0418-89M-DX1		
Lab Sample ID	103481354		
Filename	F20507A_09		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	04/18/2002
ICAL Date	05/04/2002	Received	04/23/2002
CCal Filename(s)	F20507A_06 & F20507A_22	Extracted	04/30/2002
Method Blank ID	BLANK-1606	Analyzed	05/07/2002 17:23

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.0022	----	0.00200 J	2,3,7,8-TCDF-13C	2.00	77
Total TCDF	0.0220	----	0.00200	2,3,7,8-TCDD-13C	2.00	70
				1,2,3,7,8-PeCDF-13C	2.00	61
2,3,7,8-TCDD	ND	----	0.00200	2,3,4,7,8-PeCDF-13C	2.00	61
Total TCDD	0.0240	----	0.00200	1,2,3,7,8-PeCDD-13C	2.00	60
				1,2,3,4,7,8-HxCDF-13C	2.00	91
1,2,3,7,8-PeCDF	ND	----	0.01000	1,2,3,6,7,8-HxCDF-13C	2.00	80
2,3,4,7,8-PeCDF	ND	----	0.01000	2,3,4,6,7,8-HxCDF-13C	2.00	83
Total PeCDF	ND	----	0.01000	1,2,3,7,8,9-HxCDF-13C	2.00	80
				1,2,3,4,7,8-HxCDD-13C	2.00	89
1,2,3,7,8-PeCDD	ND	----	0.01000	1,2,3,6,7,8-HxCDD-13C	2.00	86
Total PeCDD	0.0100	----	0.01000 J	1,2,3,4,6,7,8-HpCDF-13C	2.00	78
				1,2,3,4,7,8,9-HpCDF-13C	2.00	64
1,2,3,4,7,8-HxCDF	ND	----	0.01000	1,2,3,4,6,7,8-HpCDD-13C	2.00	68
1,2,3,6,7,8-HxCDF	ND	----	0.01000	OCDD-13C	4.00	55
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	75
1,2,3,6,7,8-HxCDD	ND	----	0.01000			
1,2,3,7,8,9-HxCDD	ND	----	0.01000			
Total HxCDD	0.0120	----	0.01000 J			
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: 0.00054 ng/m2		
Total HpCDF	ND	----	0.01000	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0180	----	0.01000 J			
Total HpCDD	0.0350	----	0.01000 J			
OCDF	ND	----	0.02000			
OCDD	0.1300	----	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.....02-1056603

REPORT OF LABORATORY ANALYSIS

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