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Method 8290 Analysis Results

Client - ATC ASSOCIATES

Client's Sample ID	ATC-0822-131M-DX1		
Lab Sample ID	103800389		
Filename	U20929B_15		
Injected By	BAL		
Total Amount Extracted	1.00 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2002
ICAL Date	08/06/2002	Received	08/24/2002
CCal Filename(s)	U20929B_01 & U20929B_17	Extracted	09/17/2002
Method Blank ID	BLANK-2163	Analyzed	09/30/2002 12:11

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	0.012	----	0.0020	2,3,7,8-TCDD-13C	2.00	57
				1,2,3,7,8-PeCDF-13C	2.00	49
2,3,7,8-TCDD	ND	----	0.0020	2,3,4,7,8-PeCDF-13C	2.00	45
Total TCDD	0.029	----	0.0020	1,2,3,7,8-PeCDD-13C	2.00	46
				1,2,3,4,7,8-HxCDF-13C	2.00	82
1,2,3,7,8-PeCDF	----	0.027	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	61
Total PeCDF	ND	----	0.0100	1,2,3,7,8,9-HxCDF-13C	2.00	47
				1,2,3,4,7,8-HxCDD-13C	2.00	88
1,2,3,7,8-PeCDD	ND	----	0.0100	1,2,3,6,7,8-HxCDD-13C	2.00	59
Total PeCDD	ND	----	0.0100	1,2,3,4,6,7,8-HpCDF-13C	2.00	34
				1,2,3,4,7,8,9-HpCDF-13C	2.00	48
1,2,3,4,7,8-HxCDF	ND	----	0.0100	1,2,3,4,6,7,8-HpCDD-13C	2.00	50
1,2,3,6,7,8-HxCDF	ND	----	0.0100	OCDD-13C	4.00	47
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	61
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: 0.0016 ng/m2		
Total HpCDF	0.079	----	0.0100	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.075	----	0.0100			
Total HpCDD	0.130	----	0.0100			
OCDF	0.086	----	0.0200			
OCDD	0.780	----	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

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REPORT OF LABORATORY ANALYSIS

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