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Method 8290 Analysis Results

Client - ATC ASSOCIATES

Client's Sample ID	ATC-0822-131M-DX2		
Lab Sample ID	103800397		
Filename	U20929B_10		
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 08:06

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	35 P
Total TCDF	0.0021	-----	0.00200 J	2,3,7,8-TCDD-13C	2.00	35 P
				1,2,3,7,8-PeCDF-13C	2.00	34 P
2,3,7,8-TCDD	ND	-----	0.00200	2,3,4,7,8-PeCDF-13C	2.00	33 P
Total TCDD	0.0056	-----	0.00200 BJ	1,2,3,7,8-PeCDD-13C	2.00	33 P
				1,2,3,4,7,8-HxCDF-13C	2.00	44
1,2,3,7,8-PeCDF	ND	-----	0.01000	1,2,3,6,7,8-HxCDF-13C	2.00	38 P
2,3,4,7,8-PeCDF	ND	-----	0.01000	2,3,4,6,7,8-HxCDF-13C	2.00	39 P
Total PeCDF	ND	-----	0.01000	1,2,3,7,8,9-HxCDF-13C	2.00	36 P
				1,2,3,4,7,8-HxCDD-13C	2.00	55
1,2,3,7,8-PeCDD	ND	-----	0.01000	1,2,3,6,7,8-HxCDD-13C	2.00	35 P
Total PeCDD	ND	-----	0.01000	1,2,3,4,6,7,8-HpCDF-13C	2.00	32 P
				1,2,3,4,7,8,9-HpCDF-13C	2.00	29 P
1,2,3,4,7,8-HxCDF	ND	-----	0.01000	1,2,3,4,6,7,8-HpCDD-13C	2.00	36 P
1,2,3,6,7,8-HxCDF	ND	-----	0.01000	OCDD-13C	4.00	29 P
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	37
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: 0.00059 ng/m2		
Total HpCDF	ND	-----	0.01000	(Using ITE Factors)		
1,2,3,4,6,7,8-HpCDD	0.0270	-----	0.01000 J			
Total HpCDD	0.0530	-----	0.01000 J			
OCDF	ND	-----	0.02000			
OCDD	0.3200	-----	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

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REPORT OF LABORATORY ANALYSIS

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