Pace Analytical™

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Method 8290 Analysis Results

Client - ATC

Client's Sample ID	ATC-0207-89M-DX2		
Lab Sample ID	103311759		
Filename	U20226B_05		
Injected By	BAL		
Total Amount Extracted	1 m2	Matrix	WIPE
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	02/07/2002
ICAL Date	02/26/2002	Received	02/08/2002
CCal Filename(s)	U20226A_10 & U20226B_15	Extracted	02/19/2002
Method Blank ID	BLANK-1476	Analyzed	02/26/2002 21:13

Native Isomers	Conc ng/m2	EMPC ng/m2	LRL ng/m2		Internal Standards	ng's Added	Percent Recovery	
2,3,7,8-TCDF	ND	-----	0.00340	A	2,3,7,8-TCDF-13C	2.00	64	*
Total TCDF	ND	-----	0.00200		2,3,7,8-TCDD-13C	2.00	68	
					1,2,3,7,8-PeCDF-13C	2.00	69	
2,3,7,8-TCDD	ND	-----	0.00290	A	2,3,4,7,8-PeCDF-13C	2.00	75	
Total TCDD	ND	-----	0.00200		1,2,3,7,8-PeCDD-13C	2.00	71	
					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	84	
2,3,4,7,8-PeCDF	ND	-----	0.01000		2,3,4,6,7,8-HxCDF-13C	2.00	78	
Total PeCDF	ND	-----	0.01000		1,2,3,7,8,9-HxCDF-13C	2.00	86	
					1,2,3,4,7,8-HxCDD-13C	2.00	69	
1,2,3,7,8-PeCDD	ND	-----	0.01000		1,2,3,6,7,8-HxCDD-13C	2.00	78	
Total PeCDD	ND	-----	0.01000		1,2,3,4,6,7,8-HpCDF-13C	2.00	70	
					1,2,3,4,7,8,9-HpCDF-13C	2.00	59	
1,2,3,4,7,8-HxCDF	ND	-----	0.01000		1,2,3,4,6,7,8-HpCDD-13C	2.00	64	
1,2,3,6,7,8-HxCDF	ND	-----	0.01000		OCDD-13C	4.00	48	
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	77	
1,2,3,6,7,8-HxCDD	ND	-----	0.01000					
1,2,3,7,8,9-HxCDD	ND	-----	0.01000					
Total HxCDD	0.011	-----	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: 0.000050 ng/m2			
Total HpCDF	ND	-----	0.01000		(Using ITE Factors)			
1,2,3,4,6,7,8-HpCDD	ND	-----	0.01000					
Total HpCDD	0.014	-----	0.01000	J				
OCDF	ND	-----	0.02000					
OCDD	0.050	-----	0.02000	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

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REPORT OF LABORATORY ANALYSIS

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