

Pace Analytical™Tel: 612-607-1700
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Client - ATC ASSOCIATES

Lab Sample ID	SPIKE-DUP-1429	Matrix	WIPE
Filename	U20605A_17	Dilution	NA
Total Amount Extracted	1 m2	Extracted	05/31/2002
ICAL Date	04/16/2002	Analyzed	06/06/2002 05:46
CCal Filename(s)	U20605A_03 & U20605A_18	Injected By	BAL
Method Blank ID	BLANK-1649		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.22	112	2,3,7,8-TCDF-13C	2.00	64
				2,3,7,8-TCDD-13C	2.00	67
				1,2,3,7,8-PeCDF-13C	2.00	67
2,3,7,8-TCDD	0.20	0.21	106	2,3,4,7,8-PeCDF-13C	2.00	66
				1,2,3,7,8-PeCDD-13C	2.00	70
				1,2,3,4,7,8-HxCDF-13C	2.00	83
1,2,3,7,8-PeCDF	1.00	1.11	111	1,2,3,6,7,8-HxCDF-13C	2.00	80
2,3,4,7,8-PeCDF	1.00	1.14	114	2,3,4,6,7,8-HxCDF-13C	2.00	79
				1,2,3,7,8,9-HxCDF-13C	2.00	83
				1,2,3,4,7,8-HxCDD-13C	2.00	80
1,2,3,7,8-PeCDD	1.00	1.13	113	1,2,3,6,7,8-HxCDD-13C	2.00	78
				1,2,3,4,6,7,8-HpCDF-13C	2.00	84
				1,2,3,4,7,8,9-HpCDF-13C	2.00	90
1,2,3,4,7,8-HxCDF	1.00	1.09	109	1,2,3,4,6,7,8-HpCDD-13C	2.00	98
1,2,3,6,7,8-HxCDF	1.00	1.11	111	OCDD-13C	4.00	90
2,3,4,6,7,8-HxCDF	1.00	1.10	110			
1,2,3,7,8,9-HxCDF	1.00	1.09	109	1,2,3,4-TCDD-13C	2.00	NA
				1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDD	1.00	1.16	116	2,3,7,8-TCDD-37Cl4	0.20	71
1,2,3,6,7,8-HxCDD	1.00	1.08	108			
1,2,3,7,8,9-HxCDD	1.00	1.15	115			
1,2,3,4,6,7,8-HpCDF	1.00	1.07	107			
1,2,3,4,7,8,9-HpCDF	1.00	1.04	104			
1,2,3,4,6,7,8-HpCDD	1.00	1.01	101			
OCDF	2.00	2.21	111			
OCDD	2.00	2.19	109			

Qs = Quantity Spiked

Qm = Quantity Measured

Rec. = Recovery (Expressed as Percent)

P = Recovery outside of target range

X = Background subtracted value

Nn = Value obtained from additional analysis

NA = Not Applicable

* = See Discussion

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