

MX 955

MONSANTO COMPANY

Nº 2340561

SUBJECT

Phenyl Cleanups

CONFIDENTIAL

SUBJECT TO PROTECTIVE ORDER.

JOB NO.	13-022.760.24 320.2451	PREPARED BY (SIGNATURE) David E. Kueh	DATE Dec. 17, 1982
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Objective: to extract phenols received & to cleanup extracts to look for isomers if desired

method: MRC # 24-09 Prep R1

✓ UT 22.9 Dept 237 OCP Crude 12/10/82
Car VSLX 21275 Batch KB12 Lot 8034 Lg # 01833-9

✓ UT 230 Replicate of above

✓ UT 231 Low Spike of above 100% of 1/10 mixed dioxin

✓ UT 232 High Spike of above 100% of 1/10 mixed dioxin

✓ UT 233 Dept 237 12-8-82 967, 2, 4, 0 Batch L-104

✓ UT 234 Replicate of above C25802

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UT 235 Low Spike of above 100% of 1/10 mixed dioxin

UT 236 High Spike of above 100% of 1/10 mixed dioxin

UT 237 Dept 237 12-10-82 2, 4, 0 Batch L-106

UT 238 Dept 237 12-12-82 2, 4, 0 Tank: Olsr Batch L-107

UT 239 Dept 237 12-12-82 967, 2, 4, 0 Batch L-108

UT 240 Dept 237 Refined 2, 4, 0 10-3-82
Tank 163 Batch J-101

all samples: 26 µl of 1.5 Ng/µl C₁₃ TCDD

READ AND UNDERSTOOD BY

DATE

Analysis of Chlorophenols for PCDDs
ng PCDDs/gm. phenol (ppb)

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Sample		Cl ₁	Cl ₂	Cl ₃	Cl ₄	Cl ₅	Cl ₆	Cl ₇	Cl ₈			
DCP Crude 2/10/82		ND	ND	ND	ND	ND	ND	ND	ND			
DCP Crude (Rep)		ND	ND	ND	ND	ND	ND	ND	ND			
-104		ND	<9.2	<1.9	<3.2	<3.5	<3.3	2.2	3.0			
-104 (Rep)		ND	<9.0	<1.8	<3.0	<5.6	<2.9	2.2	3.1			
-106		ND	<6.3	ND	<3.6	<3.8	<2.6	1.7	2.2			
-107		ND	<8.6	ND	<2.7	<3.4	<2.1	2.7	3.7			
L-108		ND	<8.8	ND	<3.4	<4.5	<3.3	2.6	3.6			
J-101 (Blank)		ND	ND	ND	ND	ND	ND	ND	ND			
Det. Lim.		1	1	1	1	1	1	1	1			
Spiked Level	025803	2.5	2.5	2.6	2.0	2.4	2.3	2.5	2.0			
DCP Crude 2/10/82 L.S.		2.8	2.7	2.8	2.0	2.5	2.6	2.4	2.4			
Recovery %		112	108	108	100	104	113	96	120			

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