K. E. [illegible]
10-12-73
WCR

CONTINUOUS 1142 CHLORINATION
COMPUTER STUDY

CASE	FIRST STAGE	2ND STAGE	3RD STAGE	4th STAGE
Cl_2/ϕ^2	0.75 (25%)	1.50 (25%)	2.25 (25%)	3.00 (25%
BIPHENYL	36.86	7.76	0.58	0.02
ORTHO	26.28	20.97	5.33	0.45
META	2.37	1.89	.48	.04
PARA	13.66	10.90	2.78	.23
DI	19.58	49.82	54.22	24.18
TRI	1.22	8.45	31.13	46.31
BUTYL	.02	.40	5.07	22.75
PENTA	–	–	.42	6.00
Cl_2/ϕ^2	1.20 (40%)	2.1 (30%)	2.7 (20%)	3.00 (10%
BIPHENYL	18.53	1.56	0.07	–
ORTHO	22.77	7.89	1.22	0.22
META	2.05	.71	.11	.02
PARA	11.84	4.10	.63	.11
DI	38.72	55.46	36.27	22.76
TRI	5.79	26.36	45.30	49.86
BUTYL	.28	3.67	14.21	22.47
PENTA	–	0.26	2.18	4.55
Cl_2/ϕ^2	0.30 (10%)	0.90 (20%)	1.80 (30%)	3.00 (40
BIPHENYL	68.66	26.99	3.35	0.06
ORTHO	17.15	29.49	14.20	0.91
META	1.55	2.66	1.28	.08
PARA	8.91	15.33	7.38	.48
DI	3.67	24.02	56.60	24.87
TRI	.06	1.48	15.94	42.39
BUTYL	–	.03	1.38	23.25
PENTA	–	–	.06	7.95
Cl_2/ϕ^2	1.20 (40%)	1.50 (10%)	1.80 (10%)	3.00 (40
BIPHENYL	18.53	7.83	2.39	.04
ORTHO	22.77	20.93	14.32	.87
META	2.05	1.89	1.29	.07
PARA	11.84	10.88	7.45	.45
DI	34.73	49.71	60.06	25.32
TRI	5.79	8.33	13.65	42.16
BUTYL	.28	.41	.82	23.08
PENTA	–	–	.02	8.00

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