

ANALYSES OF VC MONOMER SHIPMENTS TO OLIN

<u>G.C. Components, ppm¹</u>	<u>9054 5-6-69</u>	<u>9056 5-6-69</u>	<u>9070 5-6-69</u>	<u>9051 5-6-69</u>	<u>9034 5-7-69</u>	<u>9049 5-7-69</u>	<u>9030 5-7-69</u>	<u>Average</u>
Methane	0.3	0.4	-	1.3	0.5	0.3	0.5	2.2
Ethane	0.5	0.6	-	0.7	0.4	0.7	0.5	
Unknown	1.0	0.3	-	0.8	0.8	3.1	0.7	
1,3-Butadiene	1.3	3.5	5.1	3.4	5.1	4.0	3.8	3.7
Methyl Chloride	15	26	32	24	39	40	29	29
Ethyl Chloride	23	28	43	27	41	37	44	35
2-Chloropropene-1	17	14	13	8	12	18	25	15
1,1-Dichloroethane	-	-	-	-	-	4	12	-
1,2-Dichloroethane	70	15	9	15	24	11	26	25
Unknowns	-	-	-	-	-	21	-	-
<u>Other Tests</u>								
Fe, ppm (on car sample)	0.22	0.61 ²	0.28	0.23	0.48	0.15	0.17	0.31
H ₂ O, ppm	33	40	30	30	33	40	49	36
HCl, ppm	< 1	< 1	< 1	< 1	< 1	< 0.1	< 1	< 1
pH	7.5	7.5	7.5	7.5	7.3	7.3	7.5	7.5
O ₂ , ppm	60	30	20	15	50	20	75	40
Phenol, ppm	19	22	34	28	18	10	19	21

1. By flame ionization detection. All figures are in ppm by peak area except methyl chloride and 1,3-butadiene which are in ppm by weight.
2. 0.04 (load line)

RKP:rw *RKP*
May 9, 1969

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Laboratory File

SL 104266