

TABLE V

Summary of Piezometric Data on Monobromoacetic Acid for CIII to Liquid Transition

Exp.	T °C	Equil. (a) time hrs	Decomp. (b) time hrs	Pressure (c) range kg/cm ²	P (d) kg/cm ²	P ₀ (e) kg/cm ²	ΔP (f) kg/cm ²	Fusion time min.	ΔV (g) cm ³ / g × 10 ⁻³	N ₂ (h) mole %
17	60.0	6-1/2	14	1000- 100	570	555	15	150	31.2	0.22
18	54.8	10-1/2	14	1000- 115	335	315	20	185	38.4	0.38
19	74.8	5	14-1/2	2200- 735	1370	1330	40	125	26.0	0.48
20	89.8	7	15-1/2	2925-1320	2265	2205	60	105	22.0	0.60

(a) Time sample allowed to come to equilibrium at the high pressure before decompressing.

(b) Time of continuous experimental decompression of sample.

(c) Pressure range of experiment.

(d) Observed pressure for solid-liquid transition.

(e) Approximate pressure, corrected for impurity in sample.

(f) Pressure difference when sample is one-half solid and all liquid.

(g) Volume change for transition of solid to liquid.

(h) Approximate impurity calculated from $(\Delta V_0/RT)\Delta P$.