Quantitative Analysis => for ( & H (Liebig's modhod) Org comp. skrongly broited with day (40, ( & presence of Comment and parsed therough anh (a(b) (10) aborbed by KOH). I A month (x Hy + (x+5/4) O2 --> x(O2+ 実時の 1.(= 12 x manof (0) man of Beginny × 100 1. H = 2 x man of 150 x 100 \_ others like N are also econoved by bught copper gauge (NO, No one absorbed by NaioH) > for N - By Duma's method - better than Kjeldahl method i) Nitreagenous compound heated strengly with (up in about of (02 & mix. paned over a real of heated brightly (a gauge i) He collected over KOH (all other gaves are absorbed) (2HyN3+(2x+1/2)(40 → x(02+8/ 1/20+3/ 1/2+1/2) 4 1.N = 28 x vol. of the at STPX100 22400x wt of 0.0  $= \frac{\text{man of N}_2}{7_1} \times \frac{P_1 V_1}{7_1} = \frac{P_2 V_2}{7_2} = \frac{P_2 V_2}{7_2} = \frac{P_2 V_3}{7_2} = \frac{273 k}{1}$ man of Or -> By Kjeldahla method

i) Niteragen containing compound heated with con. 12 104 then heated with excess of 1204.

I. N = 1.4 x N x V N= normality of acid., V=vold and man of 0.0 NaVa = NbVb

man of 0.c Nava = NbVb

Not applicable for (N-0) compounds like niture nitroso, a to EN fresh ning

as precident

If exact 12504 regulated 1.N = 1.4x NaVa x 100

of excen 42504 seegueed 1/N= 1.4x (MaNa-NoVo)

whot applicable for

of Not (845-N=N-845), OM2(1), O, -

1. Halogen ((arrives method) Mental excell furning HNO3 in fusione of AgNO3 contained in carious trabe, form Ag X. Ag-108, (1-355, BT-80, I-127 1 (1 = 355 x whof Aga x 100 1 Br = 80 x wt of 0.0 1.1 = 127 x whof AT x 100

1), Sulphwe

Scomp heated in causes tube with NO202 & furring HNO3.

Bu-137, 5-32, 0-16 1. S = 32 x wt of Baso x 100

PANO3 H3 POy precipitated by (NHz) 3 PO4.12 MO O3 by adding NH3

to Mg NHyPoy by adding Mg2P2O7 1.P = 31 x cut of ammontum phenple medybolate x 100

1, p = \frac{62}{222} \times \frac{man of Mg\_2 P\_2 O\_7}{man of O.C} \times 100

with fit was they then 1. Ozygen

garous product of 0, converted into (O. Mix. paned therough tuden I205 & CO 2000

1.0 = 32 x man of co, x 100

B. Ass. | Edd.

(10) - 100 100 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 -