

LAST  
COPY

10-25-83

Alddehydes

Now's - 6.6 puffs/cig

to test low & high levels of <sup>formaldehyde</sup> ~~formaldehyde~~ & acrolein

Smoke 5 "Now" cigarettes into the Milligan traps for mainstream & sidestream.

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For Mainstream & Sidestream samples:

Pour out approximately 500 mls of acetone/nitrile in large Erlenmeyer flask. add 0.5 gms of 2-Diphenylacetyl 1,3-indandione-1-hydrazide. Stir on stirring plate until well mixed. Let settle, decant off liquid - 100 mls into each Milligan trap.

just before smoking - add 1,250 ul of HCl -

After smoking, go ahead & add the 1,250 ul of NaOH - 5 min sample:

Sample 8 vials:

- 2 - mainstream trap 1 - both w/ molecular sieve
- 2 - mainstream trap 2 - both w/ molecular sieve
- 2 - sidestream trap 1 - both w/ molecular sieve
- 2 - sidestream trap 2 - both w/ molecular sieve

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