

10-25-83

Aldehydes

6-87
COPY

Now's - 6.6 puffs/cig

to test low & high levels of ^{for aldehyde} formaldehyde & acrolein

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

For Mainstream & Sidestream samples:

Pour out approximately 500 mls of acetonitrile in large Erlenmeyer flask. add 0.5 gms of 2-Diphenylacetyl 1,3-indandione-1-hydrazone. Stir on stirring plate until well mixed. let settle, decant off liquid - 100 mls into each milligax trap.

just before smoking - add 1,250 μ l of HCl -

After smoking, go ahead & add the 1,250 μ l of NaOH - & then 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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