

NOTEBOOK NO. 98758 67

1 PROJECT NO. EP70310352 SUBJECT: Freon Subst.

DATE: 6-24-93

Objective: Sampling Rate / Recovery / Capacity 134g

5 Reference:

TETRAFLUORETHANE 134A

DJL

DATA RECALCULATED ON 06-24-1993 WITH METHOD E:0023F

EXTERNAL STANDARD AMOUNTS. AREA REJECT=

5 METHOD FILE = E:0023F

SAMPLE AMOUNT = 1

10

***** TFE-134A *****								
FILE NAME	AREA	AMOUNT	RATIO	R.T. Samo Name	mg	mgcorr	t(min)	SR(cc/min)
E:0023F7	7960	0.34013	1.000	2.68 1A	.531	.83	30	42.77
E:0023F8	2034	0.08690	0.255	2.68 1B				
E:0023F9	12049	0.51486	1.514	2.68 2A	1.044	1.64	61	41.56
E:0023F10	5685	0.24293	0.714	2.68 2B				
E:0023F11	10822	0.46245	1.350	2.68 3A	1.223	1.91	90	32.81
E:0023F12	8089	0.34566	1.015	2.68 3B				
E:0023F13	13097	0.55968	1.645	2.68 4A	1.558	2.43	120	31.31
E:0023F14	10620	0.45391	1.334	2.68 4B				
E:0023F15	16341	0.69827	2.053	2.68 5A	1.684	2.63	140	29.04
E:0023F16	10497	0.44814	1.313	2.68 5B				
E:0023F17	15971	0.68245	2.006	2.68 6A	1.750	2.74	160	26.48
E:0023F18	11350	0.48542	1.427	2.68 6B				
E:0023F19	14592	0.62356	1.833	2.68 7A	2.240	3.50	180	30.06
E:0023F20	17227	0.73613	2.164	2.68 7B				
E:0023F21	11406	0.48741	1.433	2.68 8A	1.482	2.31	200	17.86
E:0023F22	10575	0.45190	1.323	2.68 8B				
E:0023F23	4218	0.18022	0.530	2.68 9A	.962	1.50	60	38.65
E:0023F24	8319	0.35550	1.045	2.68 9B				
E:0023F25	2646	0.11306	0.332	2.68 10A	1.223	1.93	90	33.15
E:0023F26	11914	0.50911	1.497	2.68 10B				
E:0023F27	2758	0.11783	0.346	2.68 11A	1.269	1.98	105	29.15
E:0023F28	12247	0.52332	1.539	2.68 11B				
E:0023F29	1948	0.08322	0.245	2.68 12A	1.080	1.69	120	21.77
E:0023F30	10605	0.45318	1.332	2.68 12B				
E:0023F31	6375	0.27246	0.801	2.68 100 UL SPI	$\div 1.417 = .65$			
E:0023F32	12901	0.55128	1.621	2.68 200 UL SPI	$\div .835 = .61$			
E:0023F33	19328	0.82593	2.428	2.68 300 UL SPI	$\div 1.252 = .66$			

37.1 $\pm$ 5.9 (15.8%)

Rec = 0.64

At 50% RH the uptake remains linear up to 2 hrs

At 80% RH 1 1/2 hrs is the maximum sample time.

CONFIDENTIAL MATERIAL SUBJECT
TO PROTECTIVE ORDER

3M 112961

AUTHOR'S FULL NAME or INITIALS

WJZ

DATE:

6-25-93

WITNESS'S FULL NAME or INITIALS

RJS

DATE:

30 Dec 93

(READ AND UNDERSTOOD)