EAK

Charles Hess | Pedricktown | JUN 1974

John Born | Brecksville R&D Center | June 24, 1974

Analysis of Vinyl Chloride Personal Monitor Samples

The analyses of the carbon tube personal monitor samples which arrived on June 18, 1974 have been completed. Department 8506 has analyzed these 13 carbon tube samples for adsorbed vinyl chloride. The following table gives the results of the analyses. These samples have been given a log number of 32. Please state that number in any inquiry about them.

Sample Number	Sampling Building	Job Class	Sampling Time (min)	Vinyl Chloride Concentration mg	ppm
19	Mass	Lead Tech. (Bill Wilson)	260	1.3	2.1
20	Mass (80x6)	Tech. (Jim Fisher)	250	4.5	7.3
21	Mass (80x6)	Utility Man (Ralph Land)	250	7.0	11.
22	Tank Farm	Tech. (Joe Steffin)	240	0.11	0.19
23	Poly (103 EP, 120x251)	Tech.(Pearl) (Jim Harrington)	240	6.1	10.
24	Poly (103 EP, 120x251)	Tech.(Paste) (Les Miller)	240	7.0	12.
25	Tank Farm	Tank Farm Operator (Joe Steffin)	240	0.40	0.67
26	Mass #512 (80x5)	Operator (Howard Hewitt)	240	2.1	3.5
27	Mass #512 (80x5)	Utility Tech. (Ron Hagmaier)	240	6.2	10.

Sample Number	Sampling Building	Job Class	Sampling Time (min)	Vinyl Chloride Concentration mg	ppm
28	Mass #512 (80x5)	Utility Tech. (Charles Clayton)	235	1.2	2.1
29	Poly #513 (103 EP,120x 251)	Pearl Tech. (Carl Degrazio)	245	11.	19.
30	Poly #513 (103EP, 120x 251)	Paste Tech. (Lester Miller)	245	2.3	4.0
31	Poly #513 (103 EP, 120x251)	Rover Tech. (Al Garlic)	250	4.8	7.8

The ppm values are based on the specific air volume sampled. The results have not been extrapolated to 8-hour time-weighted average values.

John W. Born
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cad
cc: A. R. Webber
E. B. Katzenmeyer, Jr.
J. C. McCool
L. B. Crider
G. Schaaf
R&D Files

Charles Hess	Pedricktown	
FROM	FIELD POINT OR AKRON DEPARTMENT & BLDG. NO.	DATE YOUR LETTER
John Born	~~Brocksville~~ R&D Center	June 10, 1974

Analyses of Vinyl Chloride Personal Monitor Samples

Department 8506 has completed the analyses of your 10 carbon tube personal monitors for adsorbed vinyl chloride. The following table gives the results of our analyses.

Sample Number	Sampling Building	Job Class	Sampling Time (min)	Vinyl Chloride Concentration mg	ppm
11	Mass #512	Lead Tech.	240	1.2	1.9
12	Mass #512	Tech.	240	14.	23.
13	Mass #512	Utility Tech.	235	15.	26.
14	Mass #512	Utility Tech.	235	3.2	5.9
15	Poly #513	Lead Tech.	260	12.	20
16	Poly #513	Rover Tech.	245	18.	30.
17	Poly #513	Pearl Tech.	245	3.1	5.1
18	Poly #513	Paste Tech.	245	18.	32.

The parts per million values are based on the specific volume of air sampled. The results have not been extrapolated to an 8-hour TWA (time-weighted average) value.

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