

CHEMICALS



INTEROFFICE / LAKE CHARLES

TO H. J. Hoenes, Jr. DATE April 27, 1973
FROM Mark Wood SUBJECT Personnel Monitoring for
Chlorinated Hydrocarbons
in Air

The Dow procedure for monitoring chlorinated hydrocarbons in air by activated carbon adsorption has been set up.

Both Buddy Hann and myself are satisfied with the collection and analysis techniques. We have placed personnel samplers at seven stationary locations within the upstairs laboratory to gain experience in using the techniques and are now ready to apply the method whenever a personnel monitoring program is set up.

The results of the testing within the lab are appended.

Mark Wood

MW:rw

Att.

cc: C. P. LeBlanc
W. A. Hann
W. White

SL 044077

CHLORINATED HYDROCARBONS IN AIR

<u>Component, ppm</u>	<u>Sample</u>						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>
VC	0.3	0.3	0.2	0.3	0.6	0.8	1.0
EC	0.05	0.05	0.06	0.05	0.6	0.7	1.1
VDC	0.4	0.6	0.3	0.5	0.6	0.9	0.9
MC	0.4	3.0	2.0	1.5	0.3	2.2	0.5
EDC	0.4	2.3	0.8	3.8	0.8	3.4	1.6
Tri	0.6	1.4	1.1	0.8	1.6	2.6	1.4
TCE	0.08	0.1	0.04	0.1	0.03	0.2	0.06
Per	0.4	0.8	0.6	0.5	0.5	0.7	0.5

1. File table outside organic supervisor's office.
4/10/73 (0908-1520)
2. South end of 2nd table from west.
4/18/73 (0905-1330)
3. Same location as No. 1.
4/18/73 (0900-1325)
4. Top of refrigerator in organics lab.
4/18/73 (0910-1335)
5. Center of G.C. room over sink.
4/25/73 (0811-1315)
6. South end of 3rd table from west - by balance.
4/25/73 (0809-1315)
7. Over sink in SE corner of lab.
4/25/73 (0809-1315)

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