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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
CENTRAL REGIONAL LABORATORY
839 BESTGATE ROAD
ANNAPOLIS, MARYLAND 21401

301-224-2740
FTS-922-3752

ORIGINAL (Red)

DATE : September 24, 1984

SUBJECT: Stauffer Results

FROM : Daniel K. Donnelly (3ES21) DKD
Chief, Annapolis Laboratory

TO : Rich Zambito (3HW12)

Enclosed is a copy of the results of the Stauffer samples.

DKD:jr

Enclosure
a/s

AR101160

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FTS-922-3752

ORIGINAL (Red)

DATE : September 17, 1984

SUBJECT: Stauffer Chemical: Water Samples for VOC's by GC/MS
RCRA (8/24/84-8/25/84), 84082201-07

FROM : Rick Dreisch
Chemist

TO : Daniel K. Donnelly
Chief, Annapolis Laboratory

THRU : John Austin
Team Leader/Organic Analysis Section

The above samples were analyzed for volatile organic compounds amenable to the purge & trap technique using the mass spectrometer as the detector.

The nominal detection limit was 1 ppb (ug/L).

Sample Description

Lab #	Description
840822-01	Stauffer Chemical F3-8404-03, W-18
-02	Stauffer Chemical F3-8404-03, W-18A
-03	Stauffer Chemical F3-8404-03, W-19
-04	Stauffer Chemical F3-8404-03, W-28
-05	Stauffer Chemical F3-8404-03, W-29
-06	Stauffer Chemical F3-8404-03, W-32
-07	Stauffer Chemical F3-8404-03, Blank

QA Summary

Average % Recovery

	8/24
Bromochloromethane	100 ± 5
1,4-Dichlorobutane	105 ± 4
para-Bromofluorobenzene	97 ± 11

Duplicate Analysis Comparison

	25.DA	29.DA
Benzene	1.05	1.00
Trichloroethylene	18.05	18.86

AR10116

cc: Patricia Krantz, QAO
Diana Pickens, Chemist

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U.S. Environmental Protection Agency, Region III, Central Regional Laboratory

Project Name: Stauffer Chemical (RCRA)

Sample Number:		840822-01 ug/L	840822-02 ug/L	840822-03 ug/L	840822-04 ug/L	840822-05 ug/L
VOLATILES - STANDARD EQUATABLE	Cas Number					
Benzene	71-43-2	---	---	---	1.0	---
Ethylbenzene	100-41-4	trace[1]	trace[1]	---	---	---
Toluene	108-88-3	trace[1]	trace[1]	---	---	---
Trichloroethylene	79-01-6	---	---	---	19	---
VOLATILES - NON-STANDARD EQUATABLE**						
cis-1,2-Dichloroethylene	156-59-2	---	---	---	(2)	---
(o,m)-Xylene isomers		(trace[1])	(trace[1])	---	---	---
p-Xylene isomer	106-42-3	(trace[1])	---	---	---	---
Substituted Benzene isomer		(trace[1])	(trace[1])	---	---	---

Sample Number:		840822-06 ug/L
VOLATILES - STANDARD EQUATABLE	Cas Number	
Benzene	71-43-2	---
Ethylbenzene	100-41-4	---
Toluene	108-88-3	---
Trichloroethylene	79-01-6	---
VOLATILES - NON-STANDARD EQUATABLE**		
cis-1,2-Dichloroethylene	156-59-2	---
(o,m)-Xylene isomers		---
p-Xylene isomer	106-42-3	---
Substituted Benzene isomer		---

[1] trace = < 1

**Estimated concentration based upon internal standard/external standard calculation.

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ENVIRONMENTAL PROTECTION AGENCY
Office of Enforcement

REGION 3
Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: STAUFFER CHEMICAL F3-8404-03

SAMPLERS: (Signature) M Cromer, Andrew Herbert

STA. NO.	DATE	TIME	COMP.	GRAB	STATION LOCATION	NO. OF CONTAINERS	VOA	HDPE			TAG #	REMARKS
	08-21-84	1000		X	BLANK	2	2		84082207		3-32741	
		1505		X	W-32	2	2		84082206		3-32742	
		1325		X	W-29	2	2		84082205		3-32743	
		1255		X	W-28	2	2		84082204		3-32744	
		1350		X	W-19	2	2		84082203		3-32745	
		1115		X	W-18	2	2		84082201		3-32746	
		1415		X	W-18A	2	2		84082202		3-32747	

SEND RESULTS TO RICH ZAMBITO EPA III ENFORCEMENT

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Andrew Herbert	8/21/84 1545	Ann Donaldson 8/22/84			
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: SHIPPED VIA FEDERAL EXPRESS AIRBILL # 170192116	

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