WORK REQUEST

TO

APPLIED SCIENCES
RESEARCH CENTER LABORATORIES
MONSANTO INDUSTRIAL CHEMICALS CO.

WORK REQUESTED

Electron capture GC to determine trace concentration of TCE (trichloroethylene) and PCE (perchloroethylene) in MCB samples

REASON/COMMENTS — Basis for plant destillation column design - MCB by Oxychlorination process.

SAMPLE IDENTIFICATION

Sample	Analyze For	Expected Level
291876-3	TCE	≤ 1 ppm
" -5	TCE	"
" -7	TCE	"
291879-2	PCE	<10 ppm
" -3	"	<10 ppm
291880-1	"	~20 ppm
" -2	"	~20 ppm
" -4	"	~100 ppm
" -5	"	<20 ppm
" -6	"	<20 ppm

DSW 297806

Jim White
REQUESTER

PRODUCT MCB

BUSINESS GROUP Process Chem.

BLDG. _____ LAB./OFFICE T-329Q

DATE SUBMITTED 3/2/76

MAIL ZONE T3C

DATE NEEDED BY 3/5/76

PHONE NUMBER 4677

JOB NUMBER 2-000-760,70-052105

SAMPLE DISPOSAL ☒ RETURN ☐ DISCARD

R-108 REV. 7-72

(SUBMIT WHITE, YELLOW AND GREEN COPIES)

STLCOPCB4067717

REPORT SHEET

SAMPLE #		
291876 -3	≤ [redacted] 0.04 ppm	TCE
291876 - 5	≤ [redacted] 0.05 ppm	TCE
291876 - 7	≤ 0.14 ppm	TCE
291879 - 2	2.7 ppm	PCE
291879 - 3	4.3 ppm	PCE
291880 - 1	77 ppm	PCE
291880 - 2	38 ppm	PCE
291880 - 4	111 ppm	PCE
291880 - 5	14 ppm	PCE
291880 - 6	12 ppm	PCE

[redacted] FOR YOUR INFORMATION OUR ESTIMATED DETECTION LIMITS IN MCB ARE:

10 ppb FOR TCE

1 ppb FOR PCE

DSW 297807

SIGNATURE	DATE	NOTE BOOK
Robert O. Kelly, II	3/5/x	