APPENDIX FOR:

ADDENDUM

REMEDIAL INVESTIGATION
GE / MOREAU SITE
II - CERCLA - 30201

prepared for:

GENERAL ELECTRIC
Schenectady , New York

prepared by:

Dunn Geoscience Corporation

March 1985

APPENDIX E

ANALYTICAL RESULTS
GROUNDWATER MONITORING

TABLE OF CONTENTS

ANALYTICAL RESULTS
GROUNDWATER MONITORING

J SERIES

OCTOBER 16 - 19 1984

SAMPLE IDENTIFICATION KEY

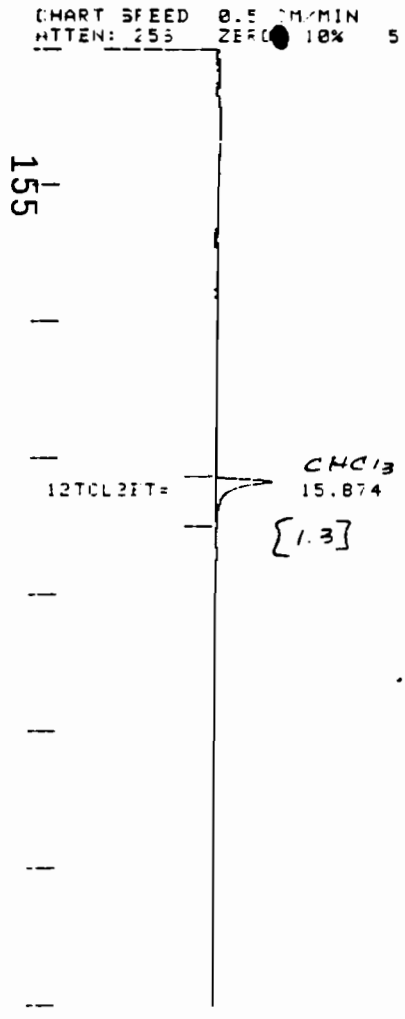
Sample Code	Sampling Date	Time	Location
J001	10/16/84	0830	Town Park Tap
J002	10/16/84	0939	20S
J003	10/16/84	1042	20I
J004	10/16/84	1205	20D
J005	10/16/84	1150	19
J006	10/16/84	1420	15S
J007	10/16/84	1505	15I
J008	10/16/84	1620	15D
J009	10/17/84	0908	21S
J010	10/17/84	1010	21I
J011	10/17/84	1115	21D
J012	10/17/84	1425	TMA
J013	10/18/84	0830	Town Park Tap
J014	10/18/84	0835	Distilled water wash
J015	10/18/84	1000	6S] -- composite
J016	10/18/84	1100	6I]
J017	10/18/84	1205	11S]
J018	10/18/84	1245	11I] -- composite
J019	10/18/84	1405	11D]
J020	10/18/84	1515	TM4
J021	10/19/84	0925	10D]
J022	10/19/84	1005	10I] -- composite
J023	10/19/84	1115	10S]
J024	10/19/84	1340	22I] -- composite
J025	10/19/84	1450	22D]

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J001	
ERCO ID	9858	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/6/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	1.3
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 1.0.

Reported by: WTL
Checked by: JFM



TITLE: EPA METHOD 601 16:47 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9856 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	T ME OFFSET	AREA COUNTS	SEP CODE	WI 2 (SEC)
1	CHCL3	33.92	15.874	0.204	339153	BB	15.55
TOTALS:		33.92		0.204	339153		

DETECTED PKS: 1 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55214

SAVED FILE: 6010[illegible]

ERRORS:
REF WINDOW = 0

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
[illegible]-16 AUTOSAMPLER P+T
B BY 1/4 GL#6 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7[illegible] TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

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CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J001 Duplicate	
ERCO ID	9874 Duplicate	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

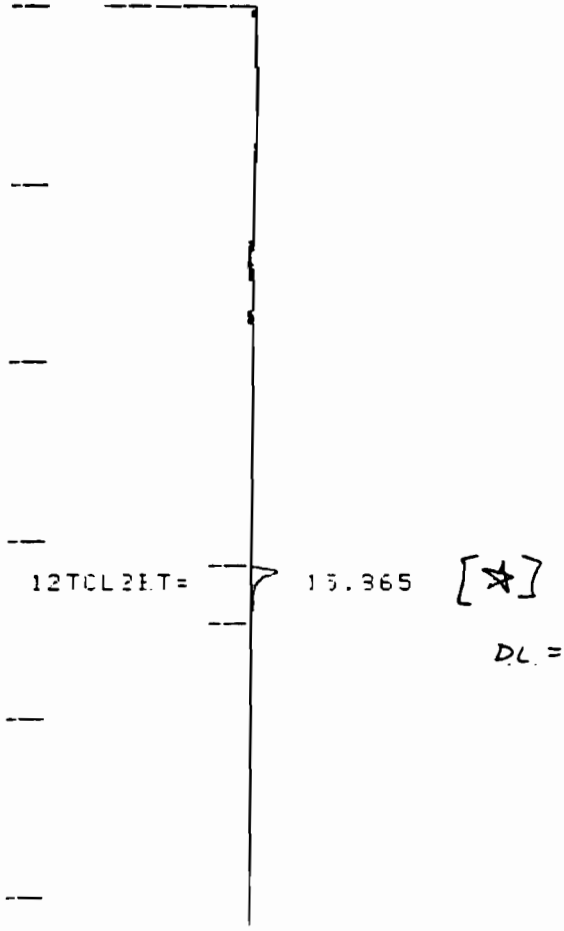
45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform ----------	*
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

*Trace concentrations detected below the average reporting limit.

Reported by: [signature]
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256 ZERO: 10% 5 MIN/TICK



[★]

DL = 2

TITLE: EPA METHOD 601 7:52 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9874D 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	W1/2 (SEC)
1	CHCL3	12.80	15.865	0.195	128033	BB	15.75
TOTALS:		12.80		0.195	128033		

DETECTED PKS: 1 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 182.7 OFFSET: -5514.4

SAVED FILE: 6010##

ERRORS:
RET WINDOW = 0

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO ATOC-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG

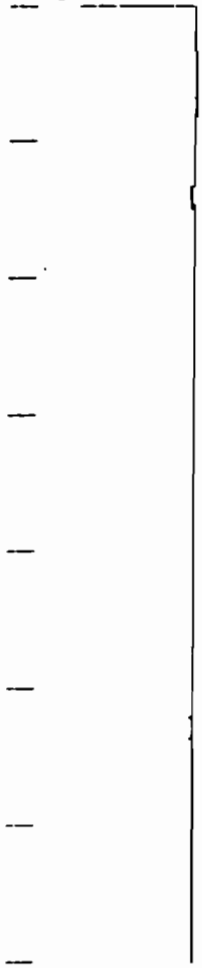
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J002	
ERCO ID	9859	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/6/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: WMT
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 255   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 8:57 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9859 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	T ME OFFSET	AREA COUNTS	SEP CODE	WID (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.03000 MULTIPLIER: 1.00000

NOISE: 136.0 OFFSET: -55158

SAVED FILE: 6013++

ERRORS:
RET WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO AUTO-1-16 AUTOSAMPLER P+T
8' BY 1/4 GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

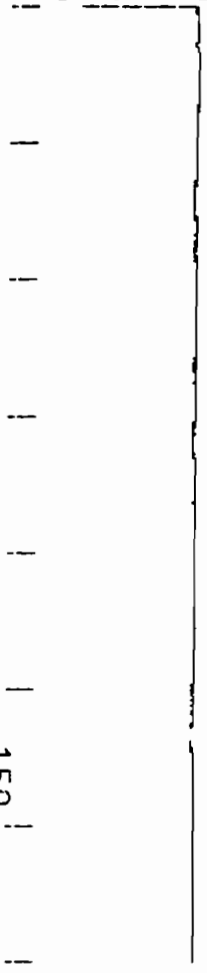
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J003	
ERCO ID	9860	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/6/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: MT
Checked by: JFA

CHART SPEED 0.5 CM/MIN
ATTEN: 255 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 10:01 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9860 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WID (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 136.0 OFFSET: -55153

SAVED FILE: 6013[illegible]

ERRORS:
PEF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VARIAN AUTO-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-D
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

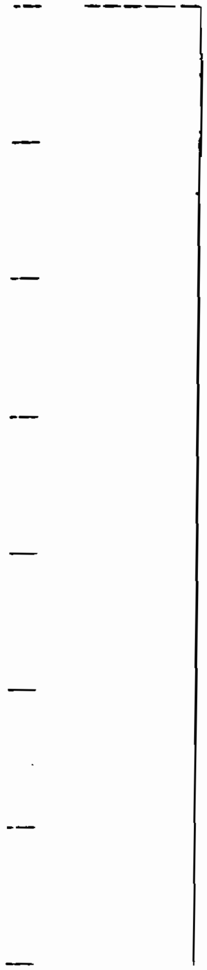
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J004	
ERCO ID	9861	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/6/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: [signature]
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 255 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 17:50 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9861 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	W 1/2 (SEC)
TOTALS:		0.00			0		

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DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55195

SAVED FILE: 6012

ERRORS:
REF WINDOW = 2
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T /.GC/HALL 700A
USING VALCO ATOC-1-16 AUTOSAMPLER P+T
8' BY 1/4 GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

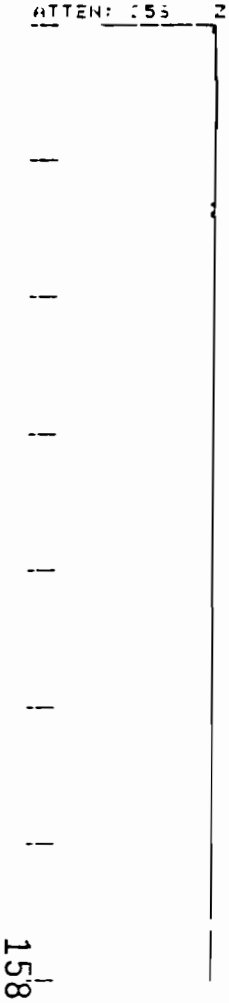
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J005	
ERCO ID	9862	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/6/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: MH
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256 ZERO: 10% 5 MIN/TICK



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TITLE: EPA METHOD 601 18:54 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9852 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WIDTH (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 + REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55196

SAVED FILE: 6018[illegible]

ERRORS:
REF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO ATO(-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric
CLIENT ID	J006
ERCO ID	9863
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/6/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

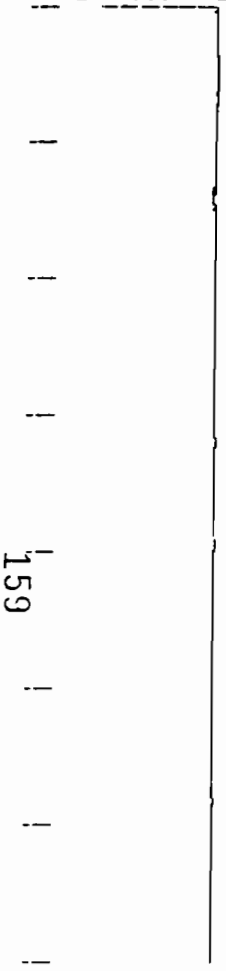
45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: WMH

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 19:59 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9863 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WID (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 162.7 OFFSET: -55186

SAVED FILE: 60130

ERRORS:
REF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO ATCI-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 2° PER TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J007	
ERCO ID	9864	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene ----------	4.6
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 1.0.

Reported by: MH
Checked by: JFM

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CHART SPEED 0.5 CM/MIN
ATTEN: 255 ZERO: 10% 5 MIN/TICK

[4.c]

TITLE: EPA METHOD 601 17:43 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9854 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WID (SEC
1	CLSET=	19.92	22.017	0.117	199169	BB	14.32
TOTALS:		19.92		0.117	199169		

DETECTED PKS: 1 REJECTED PKS: 0

182 DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 138.4 OFFSET: -55186

SAVED FILE: 601049

ERRORS:
REF WINDOW = 0

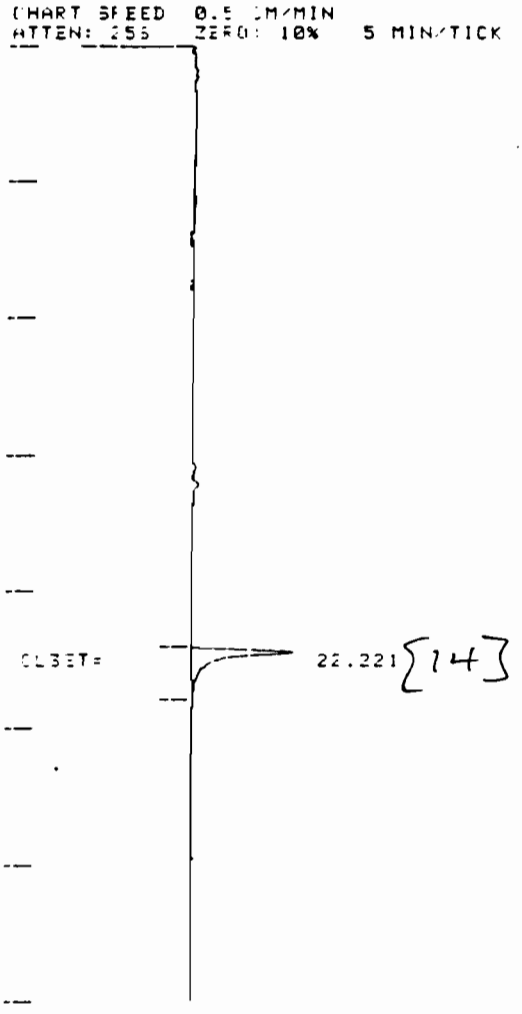
NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO A10C-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J008	
ERCO ID	9865	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	14
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 1.0.

Reported by: MTN
Checked by: JFM



TITLE: EPA METHOD 601 19:44 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9865 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	T ME OFFSET	AREA COUNTS	SEP CODE	W1/2 (SEC)
1	OLSET=	59.37	22.221	-0.321	593657	BB	14.95
TOTALS:		59.37		0.321	593657		

DETECTED PKS: 1 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 138.4 OFFSET: -55148

SAVED FILE: 6010[illegible]

ERRORS:
REF WINDOW = 0

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO A10C-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

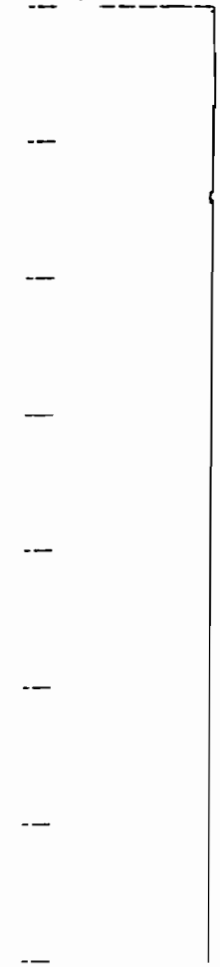
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J009	
ERCO ID	9866	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: VMH
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 255   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 23:11 6 NOV 84

CHANNEL NO: 1 SAMPLE: 9856 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WIDTH (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 162.7 OFFSET: -55172

SAVED FILE: 6012..

ERRORS:
REF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO ATO-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

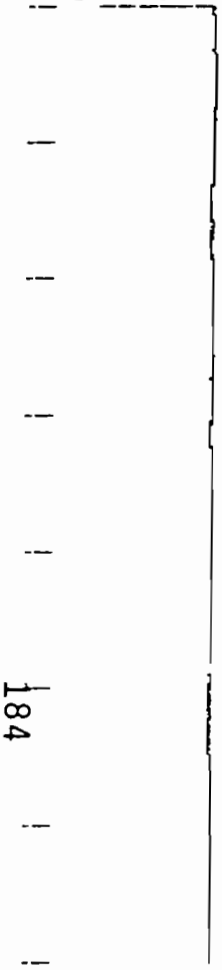
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J010	
ERCO ID	9867	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 1.0.

Reported by: WJT
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 21:42 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9867 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WIDTH (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 130.8 OFFSET: -55125

SAVED FILE: 6012+0

ERRORS:
  REF WINDOW = 0
  NO PEAKS

NOTES:
  EPA METHOD 601 DATA BY P+T GC/HALL 700A
  USING VALCO ATO-1-16 AUTOSAMPLER P+T
  8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
  60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
  PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric
CLIENT ID	J011
ERCO ID	9868
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/7/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

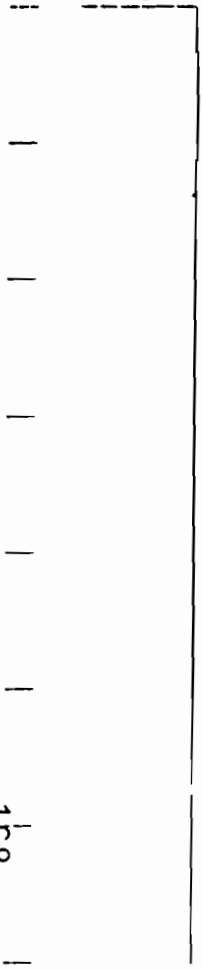
45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: MTL

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 3:30 7 NOV 84

CHANNEL NO: 1 SAMPLE: 986S 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	T ME OFFSET	AREA COUNTS	SEP CODE	WI D (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55158

SAVED FILE: 601013

ERRORS:
REF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO ATCI-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CHARGE FLOWS = 40 ML/MIN

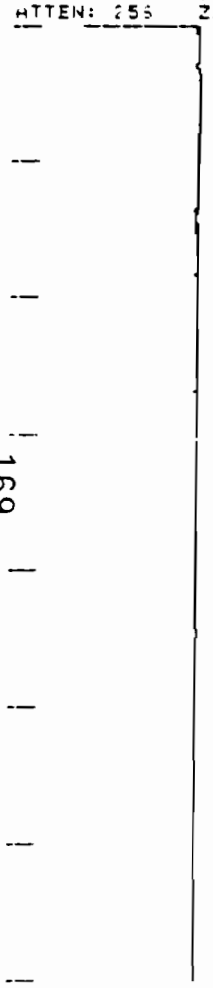
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J012	
ERCO ID	9869	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: [signature]
Checked by: JFm

CHART SPEED 0.5 CM/MIN
ATTEN: 256   ZERO: 10%   5 MIN/TICK



TITLE: EPH METHOD 601 4:36 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9859 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WIDTH (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55148

SAVED FILE: 6010**

ERRORS:
  REF WINDOW = 2
  NO PEAKS

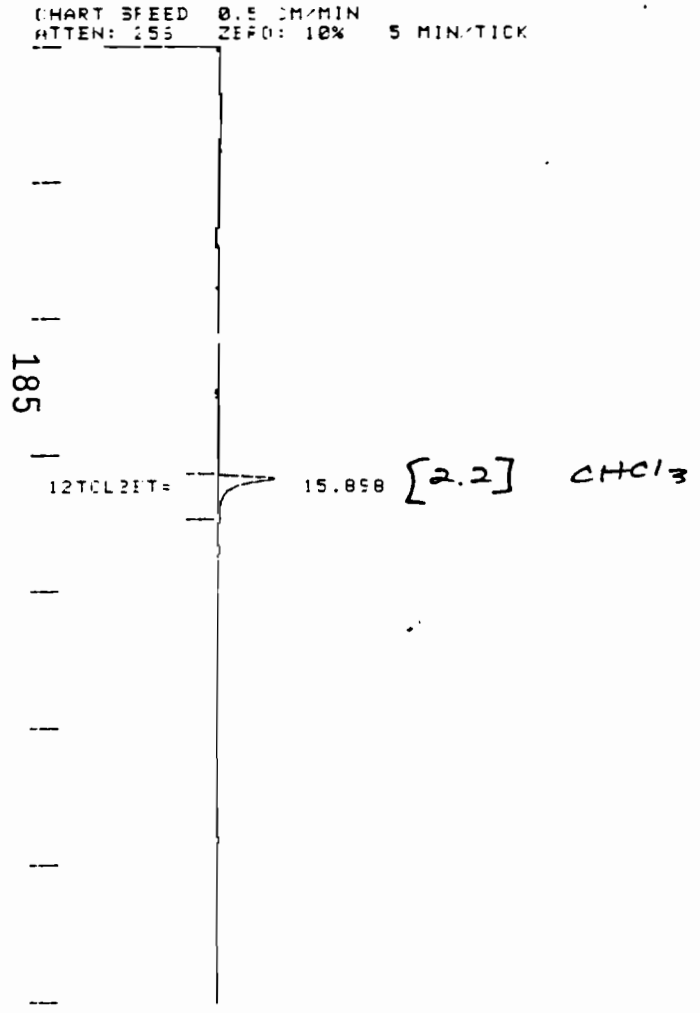
NOTES:
  EPH METHOD 601 DATA BY P+T GC/HALL 700A
  USING VALCO AT0-1-16 AUTOSAMPLER P+T
  8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
  60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
  PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J013	
ERCO ID	9870	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	2.2
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 1.0.

Reported by: [signature]
Checked by: JFM



TITLE: EPA METHOD 601 23:39 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9870 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	W1/2 (SEC)
1	CHCL3	33.42	15.898	0.228	334228	BB	15.60
TOTALS:		33.42		0.228	334228		

DETECTED PKS: 1 REJECTED PKS: 0

DIVISOR: 1.000000 MULTIPLIER: 1.00000

NOISE: 130.8 OFFSET: -55106

SAVED FILE: 9012+1

ERRORS:
REF WINDOW = 3

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO AUTO-1-16 AUTOSAMPLER P+T
8' BY 1/4 GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

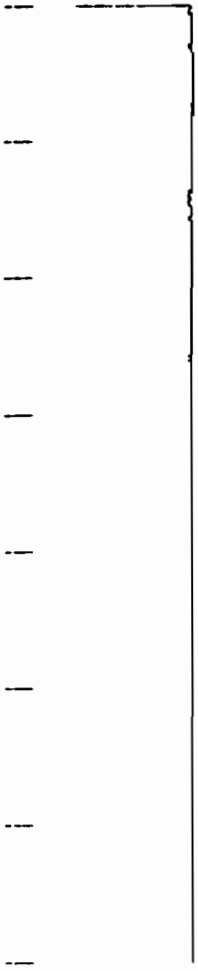
CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	J014	
ERCO ID	9871	VOLATILE COMPOUNDS
SAMPLE RECEIVED	10/23/84	
ANALYSIS COMPLETED	11/7/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

45V	Chloromethane	ND
46V	Bromomethane	ND
88V	Vinyl chloride	ND
16V	Chloroethane	ND
44V	Methylene chloride	ND
29V	1,1-dichloroethylene	ND
13V	1,1-dichloroethane	ND
30V	1,2-trans-dichloroethylene	ND
23V	Chloroform	ND
10V	1,2-dichloroethane	ND
11V	1,1,1-trichloroethane	ND
6V	Carbon tetrachloride	ND
48V	Bromodichloromethane	ND
32V	1,2-dichloropropane	ND
33V	Trans-1,3-dichloropropylene	ND
87V	Trichloroethylene	ND
51V	Dibromochloromethane	ND
33V	Cis-1,3-dichloropropylene	ND
14V	1,1,2-trichloroethane	ND
47V	Bromoform	ND
15V	1,1,2,2-tetrachloroethane	ND
85V	Tetrachloroethylene	ND
7V	Chlorobenzene	ND
19V	2-chloroethyl vinyl ether	ND

ND = Not detected above the average reporting limit of 2.0.

Reported by: MTL
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 256   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 6:48 7 NOV 84

CHANNEL NO: 1 SAMPLE: 9871 2.5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	TIME OFFSET	AREA COUNTS	SEP CODE	WI (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 152.7 OFFSET: -55144

SAVED FILE: 6012**

ERRORS:
  REF WINDOW = 0
  NO PEAKS

NOTES:
  EPA METHOD 601 DATA BY P+T GC/HALL 700A
  USING VALCO ATOC-1-16 AUTOSAMPLER P+T
  8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
  60°/4 MIN 7°/MIN TO 220°/4 MIN TEMP PROG
  PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	GE-Dunn Geoscience
CLIENT ID	J015, J016
ERCO ID	139872 A&BN
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/9/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

SUMMARY OF
ORGANIC PRIORITY POLLUTANT ANALYSIS

	ACID COMPOUNDS	
21A	2,4,6-trichlorophenol	ND
22A	p-chloro-m-cresol	ND
24A	2-chlorophenol	ND
31A	2,4-dichlorophenol	ND
34A	2,4-dimethylphenol	ND
57A	2-nitrophenol	ND
58A	4-nitrophenol	ND
59A	2,4-dinitrophenol	ND
60A	4,6-dinitro-o-cresol	ND
64A	pentachlorophenol	ND
65A	phenol	ND

	BASE/NEUTRAL COMPOUNDS	
1B	acenaphthene	ND
5B	benzidine	ND
8B	1,2,4-trichlorobenzene	ND
9B	hexachlorobenzene	ND
12B	hexachloroethane	ND
18B	bis(2-chloroethyl)ether	ND
20B	2-chloronaphthalene	ND
25B	1,2-dichlorobenzene	ND
26B	1,3-dichlorobenzene	ND
27B	1,4-dichlorobenzene	ND
28B	3,3-dichlorobenzidine	ND
35B	2,4-dinitrotoluene	ND
36B	2,6-dinitrotoluene	ND
37B	1,2-diphenylhydrazine	ND
39B	fluoranthene	ND
40B	4-chlorophenyl phenyl ether	ND
41B	4-bromophenyl phenyl ether	ND

	BASE/NEUTRAL COMPOUNDS	
42B	bis(2-chloroisopropyl)ether	ND
43B	bis(2-chloroethoxy)methane	ND
52B	hexachlorobutadiene	ND
53B	hexachlorocyclopentadiene	ND
54B	isophorone	ND
55B	naphthalene	ND
56B	nitrobenzene	ND
61B	N-nitrosodimethylamine	ND
62B	N-nitrosodiphenylamine	ND
63B	N-nitrosodi-n-propylamine	ND
66B	bis(2-ethylhexyl)phthalate -------	*
67B	butyl benzyl phthalate	ND
68B	di-n-butyl phthalate	ND
69B	di-n-octyl phthalate	ND
70B	diethyl phthalate	ND
71B	dimethyl phthalate	ND
72B	benzo(a)anthracene	ND
73B	benzo(a)pyrene	ND
74B	3,4-benzofluoranthene	ND
75B	benzo(k)fluoranthene	ND
76B	chrysene	ND
77B	acenaphthylene	ND
78B	anthracene	ND
79B	benzo(ghi)perylene	ND
80B	fluorene	ND
81B	phenanthrene	ND
82B	dibenzo(a,h)anthracene	ND
83B	indeno(1,2,3-cd)pyrene	ND
84B	pyrene	ND
129B	2,3,7,8-tetrachlorodibenzo-p-dioxin	ND

ND = None detected.
*Below average reporting limit of 10 ppb.

Reported by: _____
Checked by: _____

CLIENT	GE-Dunn Geoscience
CLIENT ID	J017, J018, J019
ERCO ID	139875 A&BN
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/9/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

SUMMARY OF
ORGANIC PRIORITY POLLUTANT ANALYSIS

ACID COMPOUNDS

21A	2,4,6-trichlorophenol	ND
22A	p-chloro-m-cresol	ND
24A	2-chlorophenol	ND
31A	2,4-dichlorophenol	ND
34A	2,4-dimethylphenol	ND
57A	2-nitrophenol	ND
58A	4-nitrophenol	ND
59A	2,4-dinitrophenol	ND
60A	4,6-dinitro-o-cresol	ND
64A	pentachlorophenol	ND
65A	phenol	ND

BASE/NEUTRAL COMPOUNDS

1B	acenaphthene	ND
5B	benzidine	ND
8B	1,2,4-trichlorobenzene ----------	*
9B	hexachlorobenzene	ND
12B	hexachloroethane	ND
18B	bis(2-chloroethyl)ether	ND
20B	2-chloronaphthalene	ND
25B	1,2-dichlorobenzene	ND
26B	1,3-dichlorobenzene	ND
27B	1,4-dichlorobenzene ----------	*
28B	3,3-dichlorobenzidine	ND
35B	2,4-dinitrotoluene	ND
36B	2,6-dinitrotoluene	ND
37B	1,2-diphenylhydrazine	ND
39B	fluoranthene	ND
40B	4-chlorophenyl phenyl ether	ND
41B	4-bromophenyl phenyl ether	ND
42B	bis(2-chloroisopropyl)ether	ND
43B	bis(2-chloroethoxy)methane	ND
52B	hexachlorobutadiene	ND
53B	hexachlorocyclopentadiene	ND
54B	isophorone	ND
55B	naphthalene	ND
56B	nitrobenzene	ND
61B	N-nitrosodimethylamine	ND
62B	N-nitrosodiphenylamine	ND
63B	N-nitrosodi-n-propylamine	ND
66B	bis(2-ethylhexyl)phthalate -------	*
67B	butyl benzyl phthalate	ND
68B	di-n-butyl phthalate	ND
69B	di-n-octyl phthalate ----------	*
70B	diethyl phthalate	ND
71B	dimethyl phthalate	ND
72B	benzo(a)anthracene	ND
73B	benzo(a)pyrene	ND
74B	3,4-benzofluoranthene	ND
75B	benzo(k)fluoranthene	ND
76B	chrysene	ND
77B	acenaphthylene	ND
78B	anthracene	ND
79B	benzo(ghi)perylene	ND
80B	fluorene	ND
81B	phenanthrene	ND
82B	dibenzo(a,h)anthracene	ND
83B	indeno(1,2,3-cd)pyrene	ND
84B	pyrene	ND
129B	2,3,7,8-tetrachlorodibenzo-p-dioxin	ND

ND = None detected.

*Below average reporting limit of 10 ppb.

Reported by: K

Checked by: K

CLIENT	GE-Dunn Geoscience
CLIENT ID	J020
ERCO ID	139877 A&BN
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/9/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

SUMMARY OF
ORGANIC PRIORITY POLLUTANT ANALYSIS

ACID COMPOUNDS

21A	2,4,6-trichlorophenol	ND
22A	p-chloro-m-cresol	ND
24A	2-chlorophenol	ND
31A	2,4-dichlorophenol	ND
34A	2,4-dimethylphenol	ND
57A	2-nitrophenol	ND
58A	4-nitrophenol	ND
59A	2,4-dinitrophenol	ND
60A	4,6-dinitro-o-cresol	ND
64A	pentachlorophenol	ND
65A	phenol	ND

BASE/NEUTRAL COMPOUNDS

1B	acenaphthene	ND
5B	benzidine	ND
8B	1,2,4-trichlorobenzene ---------	128
9B	hexachlorobenzene	ND
12B	hexachloroethane	ND
18B	bis(2-chloroethyl)ether	ND
20B	2-chloronaphthalene	ND
25B	1,2-dichlorobenzene ----------	19
26B	1,3-dichlorobenzene ----------	*
27B	1,4-dichlorobenzene ----------	20
28B	3,3-dichlorobenzidine	ND
35B	2,4-dinitrotoluene	ND
36B	2,6-dinitrotoluene	ND
37B	1,2-diphenylhydrazine	ND
39B	fluoranthene	ND
40B	4-chlorophenyl phenyl ether	ND
41B	4-bromophenyl phenyl ether	ND

BASE/NEUTRAL COMPOUNDS

42B	bis(2-chloroisopropyl)ether	ND
43B	bis(2-chloroethoxy)methane	ND
52B	hexachlorobutadiene	ND
53B	hexachlorocyclopentadiene	ND
54B	isophorone ----------	*
55B	naphthalene ----------	*
56B	nitrobenzene	ND
61B	N-nitrosodimethylamine	ND
62B	N-nitrosodiphenylamine	ND
63B	N-nitrosodi-n-propylamine	ND
66B	bis(2-ethylhexyl)phthalate -------	*
67B	butyl benzyl phthalate	ND
68B	di-n-butyl phthalate ----------	*
69B	di-n-octyl phthalate	ND
70B	diethyl phthalate	ND
71B	dimethyl phthalate	ND
72B	benzo(a)anthracene	ND
73B	benzo(a)pyrene	ND
74B	3,4-benzofluoranthene	ND
75B	benzo(k)fluoranthene	ND
76B	chrysene	ND
77B	acenaphthylene	ND
78B	anthracene	ND
79B	benzo(ghi)perylene	ND
80B	fluorene	ND
81B	phenanthrene	ND
82B	dibenzo(a,h)anthracene	ND
83B	indeno(1,2,3-cd)pyrene	ND
84B	pyrene	ND
129B	2,3,7,8-tetrachlorodibenzo-p-dioxin	ND

ND = None detected.

*Below average reporting limit of 10 ppb.

Reported by: K

Checked by: K

CLIENT	GE-Dunn Geoscience
CLIENT ID	J021, J022, J023
ERCO ID	139878 A&BN
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/9/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

SUMMARY OF
ORGANIC PRIORITY POLLUTANT ANALYSIS

	ACID COMPOUNDS	
21A	2,4,6-trichlorophenol	ND
22A	p-chloro-m-cresol	ND
24A	2-chlorophenol	ND
31A	2,4-dichlorophenol	ND
34A	2,4-dimethylphenol	ND
57A	2-nitrophenol	ND
58A	4-nitrophenol	ND
59A	2,4-dinitrophenol	ND
60A	4,6-dinitro-o-cresol	ND
64A	pentachlorophenol	ND
65A	phenol	ND

	BASE/NEUTRAL COMPOUNDS	
1B	acenaphthene	ND
5B	benzidine	ND
8B	1,2,4-trichlorobenzene	ND
9B	hexachlorobenzene	ND
12B	hexachloroethane	ND
18B	bis(2-chloroethyl)ether	ND
20B	2-chloronaphthalene	ND
25B	1,2-dichlorobenzene	ND
26B	1,3-dichlorobenzene	ND
27B	1,4-dichlorobenzene	ND
28B	3,3-dichlorobenzidine	ND
35B	2,4-dinitrotoluene	ND
36B	2,6-dinitrotoluene	ND
37B	1,2-diphenylhydrazine	ND
39B	fluoranthene	ND
40B	4-chlorophenyl phenyl ether	ND
41B	4-bromophenyl phenyl ether	ND
42B	bis(2-chloroisopropyl)ether	ND
43B	bis(2-chloroethoxy)methane	ND
52B	hexachlorobutadiene	ND
53B	hexachlorocyclopentadiene	ND
54B	isophorone	ND
55B	naphthalene	ND
56B	nitrobenzene	ND
61B	N-nitrosodimethylamine	ND
62B	N-nitrosodiphenylamine	ND
63B	N-nitrosodi-n-propylamine	ND
66B	bis(2-ethylhexyl)phthalate -------	*
67B	butyl benzyl phthalate	ND
68B	di-n-butyl phthalate	ND
69B	di-n-octyl phthalate	ND
70B	diethyl phthalate	ND
71B	dimethyl phthalate	ND
72B	benzo(a)anthracene	ND
73B	benzo(a)pyrene	ND
74B	3,4-benzofluoranthene	ND
75B	benzo(k)fluoranthene	ND
76B	chrysene	ND
77B	acenaphthylene	ND
78B	anthracene	ND
79B	benzo(ghi)perylene	ND
80B	fluorene	ND
81B	phenanthrene	ND
82B	dibenzo(a,h)anthracene	ND
83B	indeno(1,2,3-cd)pyrene	ND
84B	pyrene	ND
129B	2,3,7,8-tetrachlorodibenzo-p-dioxin	ND

ND = None detected.

*Below average reporting limit of 10 ppb.

Reported by: K

Checked by: K

CLIENT	GE-Dunn Geoscience
CLIENT ID	J024, J025
ERCO ID	139881 A&BN
SAMPLE RECEIVED	10/23/84
ANALYSIS COMPLETED	11/12/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

SUMMARY OF
ORGANIC PRIORITY POLLUTANT ANALYSIS

	ACID COMPOUNDS	
21A	2,4,6-trichlorophenol	ND
22A	p-chloro-m-cresol	ND
24A	2-chlorophenol	ND
31A	2,4-dichlorophenol	ND
34A	2,4-dimethylphenol	ND
57A	2-nitrophenol	ND
58A	4-nitrophenol	ND
59A	2,4-dinitrophenol	ND
60A	4,6-dinitro-o-cresol	ND
64A	pentachlorophenol	ND
65A	phenol	ND

	BASE/NEUTRAL COMPOUNDS	
1B	acenaphthene	ND
5B	benzidine	ND
8B	1,2,4-trichlorobenzene	ND
9B	hexachlorobenzene	ND
12B	hexachloroethane	ND
18B	bis(2-chloroethyl)ether	ND
20B	2-chloronaphthalene	ND
25B	1,2-dichlorobenzene	ND
26B	1,3-dichlorobenzene	ND
27B	1,4-dichlorobenzene	ND
28B	3,3-dichlorobenzidine	ND
35B	2,4-dinitrotoluene	ND
36B	2,6-dinitrotoluene	ND
37B	1,2-diphenylhydrazine	ND
39B	fluoranthene	ND
40B	4-chlorophenyl phenyl ether	ND
41B	4-bromophenyl phenyl ether	ND
42B	bis(2-chloroisopropyl)ether	ND
43B	bis(2-chloroethoxy)methane	ND
52B	hexachlorobutadiene	ND
53B	hexachlorocyclopentadiene	ND
54B	isophorone	ND
55B	naphthalene	ND
56B	nitrobenzene	ND
61B	N-nitrosodimethylamine	ND
62B	N-nitrosodiphenylamine	ND
63B	N-nitrosodi-n-propylamine	ND
66B	bis(2-ethylhexyl)phthalate	ND
67B	butyl benzyl phthalate	ND
68B	di-n-butyl phthalate	ND
69B	di-n-octyl phthalate	ND
70B	diethyl phthalate	ND
71B	dimethyl phthalate	ND
72B	benzo(a)anthracene	ND
73B	benzo(a)pyrene	ND
74B	3,4-benzofluoranthene	ND
75B	benzo(k)fluoranthene	ND
76B	chrysene	ND
77B	acenaphthylene	ND
78B	anthracene	ND
79B	benzo(ghi)perylene	ND
80B	fluorene	ND
81B	phenanthrene	ND
82B	dibenzo(a,h)anthracene	ND
83B	indeno(1,2,3-cd)pyrene	ND
84B	pyrene	ND
129B	2,3,7,8-tetrachlorodibenzo-p-dioxin	ND

ND = None detected.

*Below average reporting limit of 10 ppb.

Reported by: K

Checked by: K

Sample Received: 10/23/84
Analysis Completed: 10/26/84
Results in: ug/L (ppb)
Reported by: JFM
Checked by:

ERCO / A Division of ENSECO
VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 624
- Data Report -
Page 1 of 2

Client: General Electric

COMPOUNDS	Client ID: / ERCO ID:	A (J015, J016) 9872	B (J017, 8,9) 9873	D (J021, 2,3) 9875	E (J024,5) 9876	J020 9877
Chloromethane		ND	ND	ND	ND	ND
Bromomethane		ND	ND	ND	ND	ND
Vinyl chloride		ND	60	ND	ND	280
Chloroethane		ND	ND	ND	ND	ND
Methylene chloride		ND	12	ND	91	ND
1,1-dichloroethylene		ND	ND	ND	ND	160
1,1-dichloroethane		ND	ND	ND	ND	ND
Trans-1,2-dichloroethylene		2.1	880	870	260	52000
Chloroform		ND	5.6	ND	ND	260
1,2-dichloroethane		ND	ND	ND	ND	ND
1,1,1-trichloroethane		ND	ND	ND	ND	ND
Carbon tetrachloride		ND	ND	ND	ND	ND
Bromodichloromethane		ND	ND	ND	ND	ND
1,2-dichloropropane		ND	ND	ND	ND	ND
Trans-1,3-dichloropropylene		ND	ND	ND	ND	ND
Trichloroethylene		42	2400	2300	2000	70000
Benzene		ND	8.8	ND	ND	230
Dibromochloromethane		ND	ND	ND	ND	ND
Cis-1,3-dichloropropylene		ND	ND	ND	ND	ND
1,1,2-trichloroethane		ND	ND	ND	ND	ND
Bromoform		ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane		ND	ND	ND	ND	ND
Tetrachloroethylene		ND	ND	ND	ND	ND
Toluene		ND	ND	ND	ND	180
Chlorobenzene		ND	ND	ND	ND	ND
Ethyl benzene		ND	ND	ND	ND	62
2-chloroethyl vinyl ether		ND	ND	ND	ND	ND

ND = Not detected.

ERCO / A Division of ENSECO

VOLATILE ORGANICS ANALYSIS

BY EPA METHOD 624

- Data Report -

Client: General Electric

	Client ID:	A (J015, J016)	B (J017, 8,9)	D (J021, 2,3)	E (J024,5)	J020
COMPOUNDS	ERCO ID:	9872	9873	9875	9876	9877
Additional Compounds						
Acetone		ND	110	ND	1200	3400
Reporting Limit:		2	2	2	10	10

Sample Received: 10/23/84
Analysis Completed: 11/26/84
Results in: ug/l (ppb)
Reported by: EK
Checked by: MD
Client: General Electric

ERCO / A Division of ENSECO
PESTICIDE ANALYSIS

- Data Report -

	Client ID:	J015,J016	J017,J018,J019	J001	J021,J022,J023
	ERCO ID:	9872	9873	9874	9875
89P	aldrin	ND	ND	ND	ND
90P	dieldrin	ND	ND	ND	ND
91P	chlordane	ND	ND	ND	ND
92P	4,4'-DDT	ND	ND	ND	ND
93P	4,4'-DDE	ND	ND	ND	ND
94P	4,4'-DDD	ND	ND	ND	ND
95P	alpha-endosulfan	ND	ND	ND	ND
96P	beta-endosulfan	ND	ND	ND	ND
97P	endosulfan sulfate	ND	ND	ND	ND
98P	endrin	ND	ND	ND	ND
99P	endrin aldehyde	ND	ND	ND	ND
100P	heptachlor	ND	ND	ND	ND
101P	heptachlor epoxide	ND	ND	ND	ND
102P	alpha-BHC	ND	ND	ND	ND
103P	beta-BHC	ND	ND	ND	ND
104P	gamma-BHC	ND	ND	ND	ND
105P	delta-BHC	ND	ND	ND	ND
106P	PCB-1242	ND	ND	ND	ND
107P	PCB-1254	ND	ND	ND	ND
108P	PCB-1221	ND	ND	ND	ND
109P	PCB-1232	ND	ND	ND	ND
110P	PCB-1248	ND	ND	ND	ND
111P	PCB-1260	ND	ND	ND	ND
112P	PCB-1016	ND	ND	ND	ND
113P	toxaphene	ND	ND	ND	ND

ND = Not detected at or above reporting limit of 0.1 ppb.

Sample Received: 10/23/84
Analysis Completed: 11/26/84
Results in: ug/l (ppb)
Reported by: EK
Checked by: MD
Client: General Electric

ERCO / A Division of ENSECO
PESTICIDE ANALYSIS

- Data Report -

	Client ID:	J024,J025	J020
	ERCO ID:	9876	9877
89P	aldrin	ND	ND
90P	dieldrin	ND	ND
91P	chlordane	ND	ND
92P	4,4'-DDT	ND	ND
93P	4,4'-DDE	ND	ND
94P	4,4'-DDD	ND	ND
95P	alpha-endosulfan	ND	ND
96P	beta-endosulfan	ND	ND
97P	endosulfan sulfate	ND	ND
98P	endrin	ND	ND
99P	endrin aldehyde	ND	ND
100P	heptachlor	ND	ND
101P	heptachlor epoxide	ND	ND
102P	alpha-BHC	ND	ND
103P	beta-BHC	ND	ND
104P	gamma-BHC	ND	ND
105P	delta-BHC	ND	ND
106P	PCB-1242	ND	ND
107P	PCB-1254	ND	ND
108P	PCB-1221	ND	ND
109P	PCB-1232	ND	ND
110P	PCB-1248	ND	ND
111P	PCB-1260	ND	ND
112P	PCB-1016	ND	ND
113P	toxaphene	ND	ND

ND = Not detected at or above reporting limit of 0.1 ppb.

Sample Received: 10/23/84

Analysis Completed: 10/24/84

All Results in: mg/L (ppm)

Reported by: PC

Checked by: RGW

ERCO / A Division of ENSECO

INORGANIC ANALYSIS

- Data Report -

Client: G.E. (Dunn Geoscience)

ERCO ID	CLIENT ID	Total Cyanide	Total Phenolics
9872	J015	<0.01	<0.01
9872	J016	<0.01	<0.01
9873	J017	<0.01	<0.01
9873	J018	<0.01	<0.01
9873	J019	<0.01	<0.01

If customer has any questions regarding analysis, refer to sample in question by its ERCO ID#.

Sample Received: 10/23/84

Analysis Completed: 10/24/84

All Results in: mg/L (ppm)

Reported by: PR

Checked by: RGW

ERCO / A Division of ENSECO

INORGANIC ANALYSIS

- Data Report -

Client: G.E. (Dunn Geoscience)

ERCO ID	CLIENT ID	Total Cyanide	Total Phenolics
9875	J021	<0.01	.01
9875	J022	<0.01	<0.01
9875	J023	<0.01	.01
9876	J024	<0.01	.01
9876	J025	<0.01	<0.01
9877	J020	<0.01	.11

If customer has any questions regarding analysis, refer to sample in question by its ERCO ID#.

Sample Received: 10/23/84

Analysis Completed: 11/2/84

All Results in: ug/L (ppb)

Reported by: CAK

Checked by: LAS

ERCO / A Division of ENSECO

INORGANIC ANALYSIS

- Data Report -

Client: General Electric

ERCO ID	CLIENT ID	Ag	As	Be	Cd	Cr	Cu	Hg	Ni
9872	A (J015, J016)	<0.5	<5	<5	<0.5	<5	<5	<0.2	<5
9873	B (J017, J018, J019)	<0.5	<5	<5	<0.5	<5	<5	<0.2	<5
9875	D (J021, J022, J023)	<0.5	<5	<5	<0.5	<5	<5	<0.2	<5
9876	E (J024, J025)	<0.5	<5	<5	<0.5	<5	<5	<0.2	<5
9877	J020	<0.5	<5	<5	<0.5	<5	5.3	<0.2	<5

If customer has any questions regarding analysis, refer to sample in question by its ERCO ID#.

Sample Received: 10/23/84

Analysis Completed: 11/2/84

All Results in: ug/L (ppb)

Reported by: CAK

Checked by: LAS

ERCO / A Division of ENSECO

INORGANIC ANALYSIS

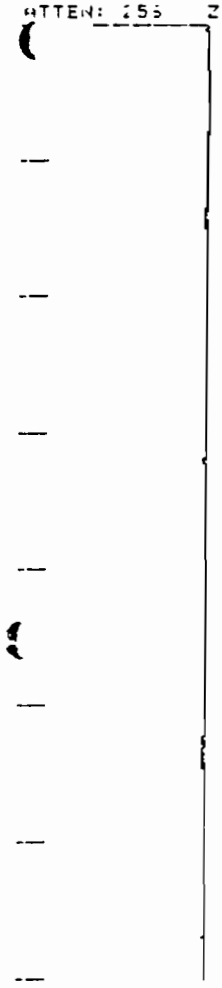
- Data Report -

Client: General Electric

ERCO ID	CLIENT ID	Pb	Sb	Se	Tl	Zn
9872	A (J015, J016)	<5	<5	<5	<5	<5
9873	B (J017, J018, J019)	<5	<5	<5	<5	<5
9875	D (J021, J022, J023)	<5	<5	<5	<5	<5
9876	E (J024, J025)	<5	<5	<5	<5	<5
9877	J020	<5	<5	<5	<5	260

If customer has any questions regarding analysis, refer to sample in question by its ERCO ID#.

CHART SPEED 0.5 CM/MIN
ATTEN: 255   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 14:06 6 NOV 84

CHANNEL NO: 1 SAMPLE: H2O BLANK METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	T ME OFFSET	AREA COUNTS	SEP CODE	WID (SEC)
TOTALS:		0.00			0		

DETECTED PKS: 0 REJECTED PKS: 0

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOISE: 136.0 OFFSET: -55158

SAVED FILE: 6010[illegible].

ERRORS:
REF WINDOW = 0
NO PEAKS

NOTES:
EPA METHOD 601 DATA BY P+T GC/HALL 700A
USING VALCO PROG-1-16 AUTOSAMPLER P+T
8' BY 1/4" GLASS 1%SP1000 ON 60/80 CP-B
60°/4 MIN [illegible] TO 220°/4 MIN TEMP PROG
PURGE AND CARRIER FLOWS = 40 ML/MIN

ANALYTICAL RESULTS
GROUNDWATER MONITORING

R SERIES

DECEMBER 5 - 21 1984

SAMPLE IDENTIFICATION KEY

Sample Code	Sampling Date	Time	Location
R001	12/10/84	1130 hrs.	DGC-24D
R002	12/10/84	1550 hrs.	DGC-24I
R003	12/10/84	1640 hrs.	DGC-24S
R004	12/5/84	1430 hrs.	DGC-23D
R005	12/5/84	1555 hrs.	DGC-23I
R006	12/7/84	1605 hrs.	DGC-23S
R007	12/11/84	1050 hrs.	DGC-25Ia
R008	12/11/84	1220 hrs.	DGC-25Ib
R009	12/11/84	1525 hrs.	DGC-6D
R010	12/12/84	1530 hrs.	DGC-6I
R011	12/13/84	0920 hrs.	DGC-6S
R012	12/13/84	1105 hrs.	DGC-18D
R013	12/13/84	1210 hrs.	DGC-18I
R014	12/13/84	1343 hrs.	DGC-18S
R015	12/13/84	0955 hrs.	DGC-15S
R016	12/13/84	1530 hrs.	DGC-15I
R017	12/13/84	1635 hrs.	DGC-15D
R018	12/14/84	1130 hrs.	DGC-20D
R019	12/14/84	1540 hrs.	DGC-20I
R020	12/14/84	1220 hrs.	DGC-20S
R021	12/20/84	1100 hrs.	DGC-21D
R022	12/20/84	1415 hrs.	DGC-21I
R023	12/20/84	1500 hrs.	DGC-21S
R024	12/17/84	1430 hrs.	DGC-13
R025	12/21/84	0950 hrs.	TMD
R026	12/20/84	1640 hrs.	DGC-24S
R027	12/12/84	1050 hrs.	TM2
R028	12/12/84	1255 hrs.	TM5
R029	12/21/84	1145 hrs.	TMA
R030	12/21/84	1040 hrs.	TM6
R031	12/19/84	0821 hrs.	DGC-16D
R032	12/19/84	0930 hrs.	DGC-16S

Sample Identification Key
page 2

Sample Code	Sampling Date	Time	Location
R033	12/10/84	1215 hrs.	Town of Moreau Garage (from hose)
R034	12/20/84	0910 hrs.	DGC-14I
R035	12/20/84	0950 hrs.	DGC-14S
R036	12/19/84	1250 hrs.	DGC-5D
R037	12/19/84	1510 hrs.	DGC-5I
R038	12/19/84	1605 hrs.	DGC-5S
R039	12/19/84	1035 hrs.	DGC-1D
R040	12/19/84	1140 hrs.	DGC-1I
R041	12/19/84	1050 hrs.	DGC-1S
R042	12/17/84	1200 hrs.	DGC-3S
R043	12/17/84	1140 hrs.	DGC-3I
R044	12/17/84	0950 hrs.	DGC-3D
R045	12/18/84	1530 hrs.	DGC-2D
R046	12/18/84	1620 hrs.	DGC-2I
R047	12/18/84	1635 hrs.	DGC-2S
R048	12/18/84	1200 hrs.	DGC-4D
R049	12/18/84	1300 hrs.	DGC-4I
R050	12/18/84	1445 hrs.	DGC-4S
R051	12/17/84	0845 hrs.	FE-1
R052	12/17/84	1530 hrs.	DGC-19
R053	12/4/84	1100 hrs.	Final Distilled rinse from bailer washing
R054	12/4/84	1100 hrs.	Distilled water
R055	12/14/84	1540 hrs.	DGC-20I
R056	12/12/84	1400 hrs.	TMC
R057	12/19/84	1750 hrs.	DGC-14D
R058	12/17/84	0945 hrs.	Distilled water from clean bailer for DGC-3D
R059	12/21/84	1040 hrs.	TMG
R060	12/21/84	1145	TMA

CLIENT	General Electric
CLIENT ID	R-001
ERCO ID	11909
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/21/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

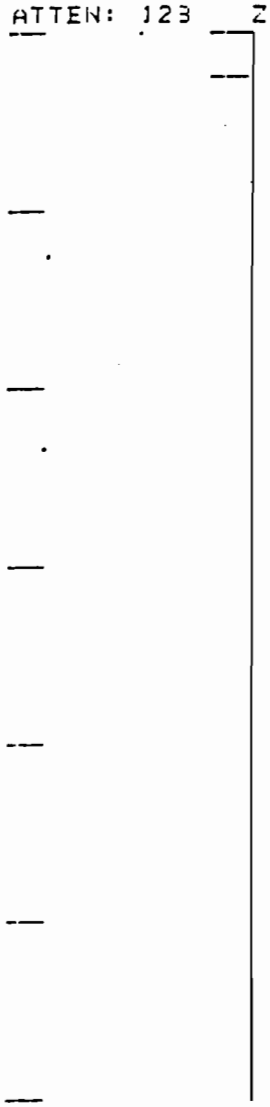
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: JFH

CHART SPEED 0.5 CM/MIN
ATTEN: 123   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 12:23 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11909 EML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V030

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VOC ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-001 Duplicate
ERCO ID	11918 Duplicate
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/21/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

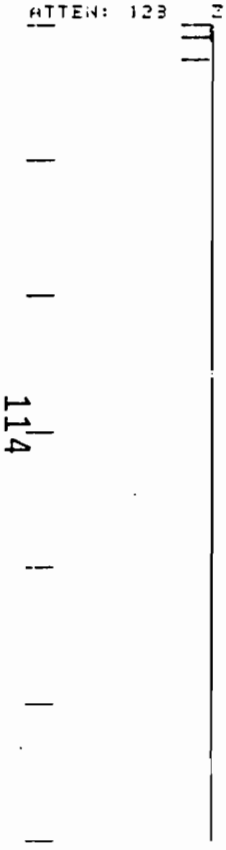
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 23:27 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11918D 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601VOT2

ERRORS:
  REF PEAK NOT FOUND
  NO PEAKS

NOTES:
  EPA METHOD 601
  VARIAN 3700GC TRACOR 700HALL
  8'X 1/8"SS CC. 1%SP-1000 ON 60/80 CP-B
  45°(3) 8°/MIN TO 220°(15)
  PURGE AND CARRIER FLOWS = 40 ML/MIN
  VICI ATDC-1-1E AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R-002	
ERCO ID	11910	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/12/84	
ANALYSIS COMPLETED	12/21/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

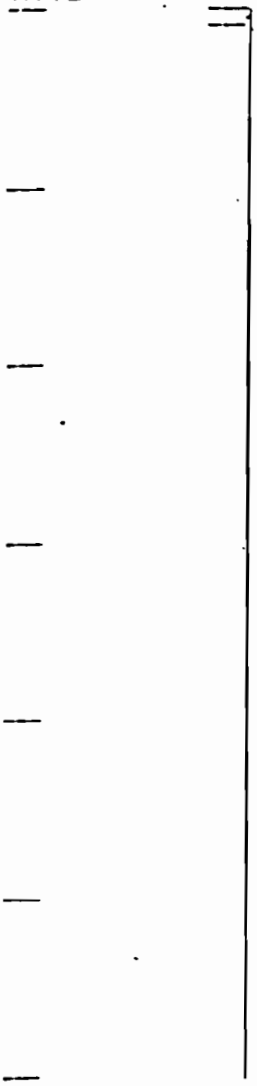
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]
Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 123 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 13:14 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11910 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V051

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VIC[illegible]-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO	
CLIENT ID	R-003		
ERCO ID	11911	VOLATILE COMPOUNDS	
SAMPLE RECEIVED	12/12/84		
ANALYSIS COMPLETED	12/21/84	EPA 601 METHOD	
RESULTS IN	ug/L (ppb)		

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

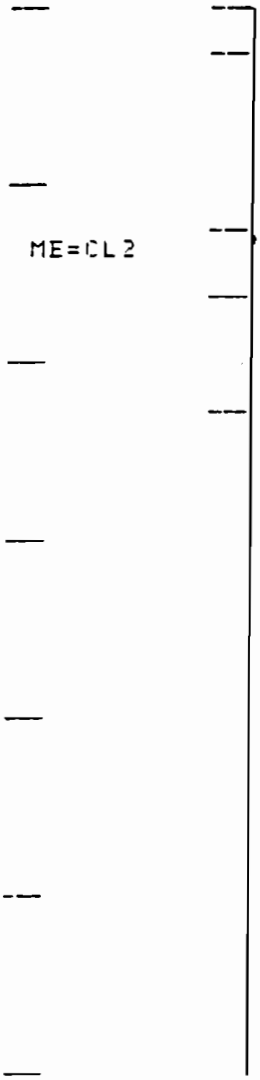
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: JFH

CHART SPEED 0.5 CM/MIN
ATTEN: 123   ZERO: 10%   5 MIN/TICK



103

TITLE: EPA METHOD 601 14:04 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11911 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=C_2	0.75	6.527R	10099	BB
TOTALS:		0.75		10099	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V052

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS CCL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VOA AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-004
ERCO ID	11744
SAMPLE RECEIVED	12/7/84
ANALYSIS COMPLETED	12/18/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	*	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	*	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

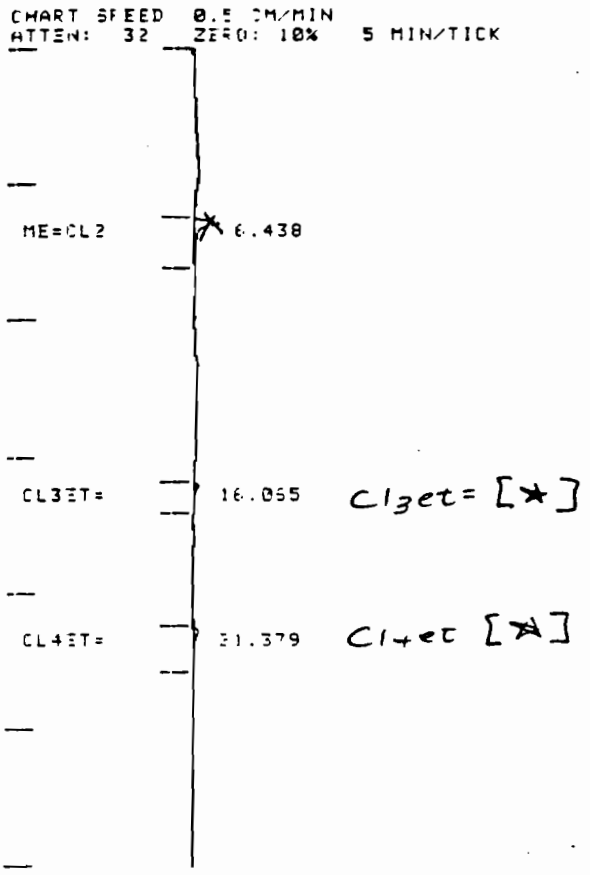
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



RECALC
TITLE: EPA METHOD 601 16:56 18 DEC 84

CHANNEL NO: 3 SAMPLE: 11744 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	1.17	6.438R	15717	BB
2	CL3ET=	0.17	16.065	3260	BB
3	CL4ET=	0.25	21.379	5087	BB
TOTALS:		1.55		24064	

065

DIVISOR: 1.00020 MULTIPLIER: 1.00000

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI MTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-005
ERCO ID	11745
SAMPLE RECEIVED	12/7/84
ANALYSIS COMPLETED	12/18/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	*	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	*	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	*	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

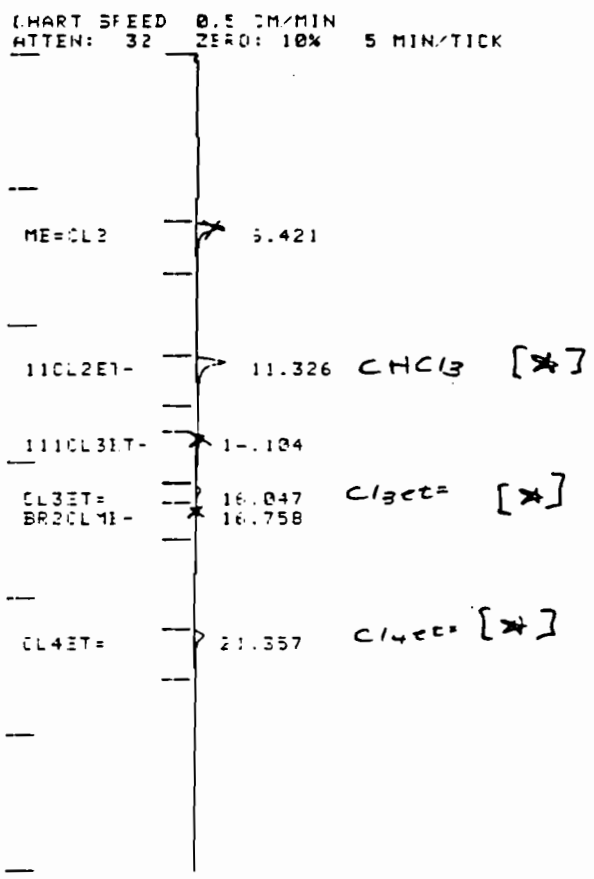
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



990

RECALC
TITLE: EPA METHOD 601 17:46 16 DEC 84

CHANNEL NO: 3 SAMPLE: 11745 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	1.42	6.421R	19084	BB
2	CHCL3	0.74	11.326	19987	BB
3	BRCL2ME-	0.34	14.104	6991	BV
4	CL3ET=	0.17	16.047	3252	VV
5	BR2CLME-	0.16	16.758	2841	VB
6	CL4ET=	0.40	21.357	8108	BB
TOTALS:		3.25		60263	

DIVISOR: 1.000000 MULTIPLIER: 1.00000

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R-006	
ERCO ID	11912	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/12/84	
ANALYSIS COMPLETED	12/21/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform ----------	*	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

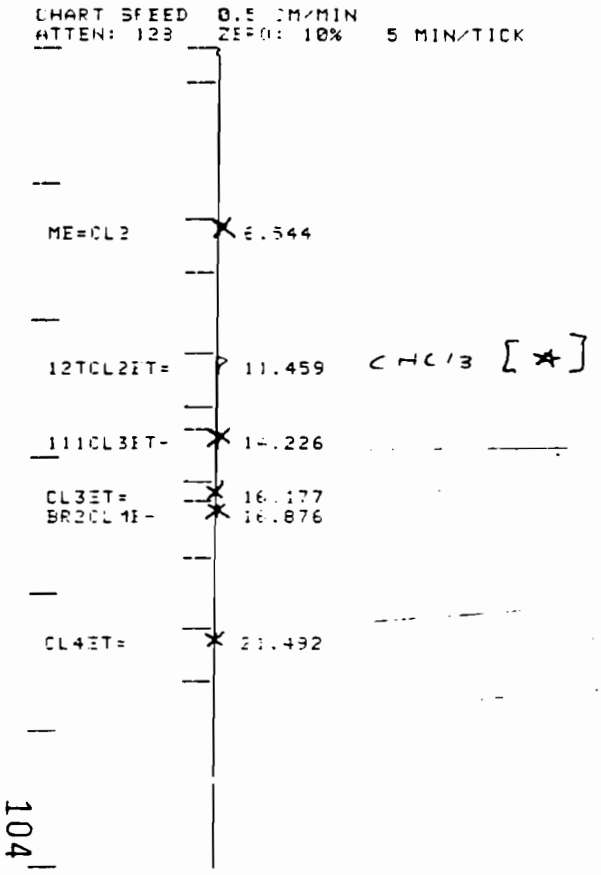
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Reported by: [signature]
Checked by: JFM

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.



TITLE: EPA METHOD 601 14:54 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11312 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	1.87	6.544R	25055	BB
2	CHCL3	1.07	11.459	28860	BB
3	BRCL2ME-	1.12	14.226	22675	BV
4	CL3ET=	0.20	16.177	3894	VV
5	BR2CLME-	1.07	16.876	16567	VB
6	CL4ET=	0.42	21.492	8491	BB
TOTALS:		5.75		105542	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V063

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AT3C-1-1E AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-007
ERCO ID	11913
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/21/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

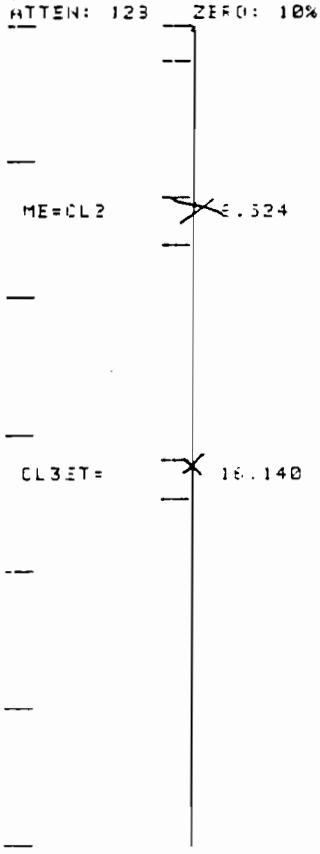
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WJT

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 3:51 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11913 5ML METHOD: 601V

094

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.54	6.524R	7247	BB
2	CL3ET=	0.35	16.140	6951	BB
TOTALS:		0.89		14198	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V055

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AT3C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-008
ERCO ID	11914
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/26/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

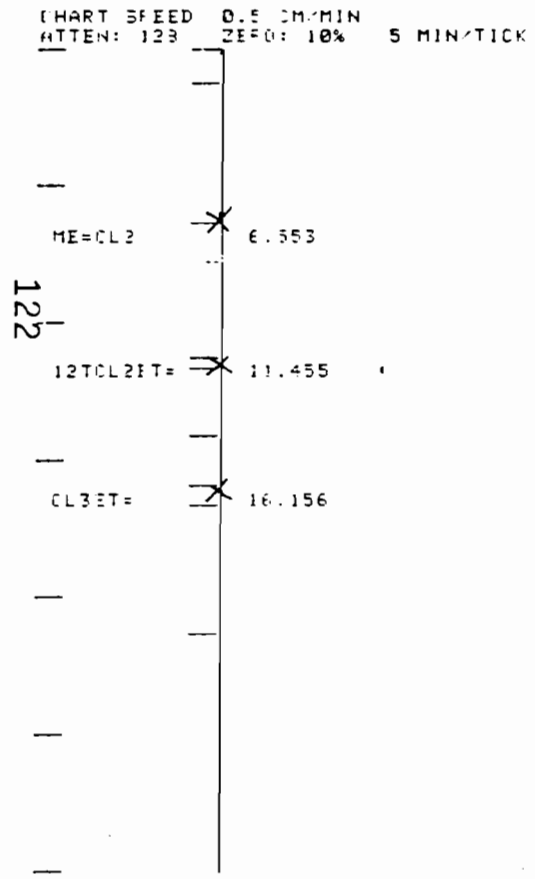
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: JFH



TITLE: EPA METHOD 601 15:43 26 DEC 84

CHANNEL NO: 3 SAMPLE: 11914 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.23	6.553P	3142	EB
2	CL3ET=	0.17	16.156	3362	BB
TOTALS:		0.40		6504	

DIVISOR: 1.60000 MULTIPLIER: 1.00000

SAVED FILE: 601V019

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-009
ERCO ID	11915
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/21/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

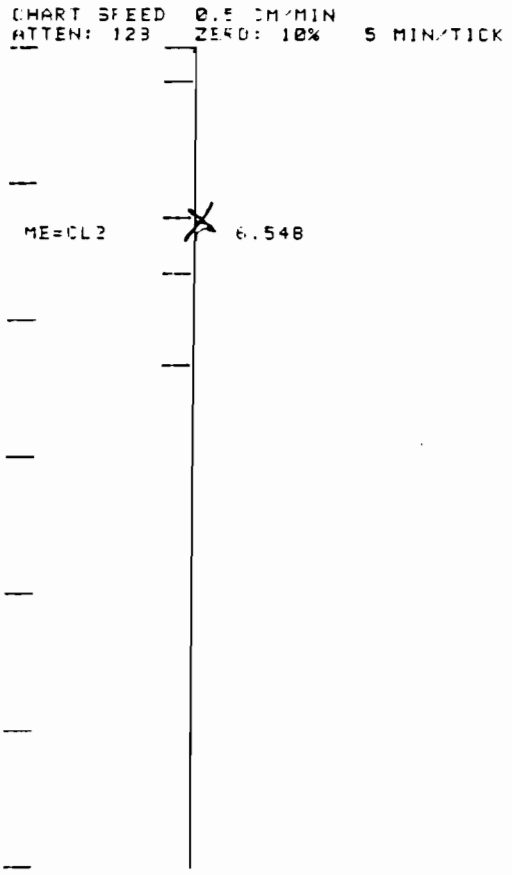
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: JFG



TITLE: EPA METHOD 601 19:06 21 DEC 84

CHANNEL NO: 3 SAMPLE: 11915 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	3.40	6.548R	45626	BB
TOTALS:		3.40		45626	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V068

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS CCL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R010
ERCO ID	12676
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/1/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene --------	*	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	69	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

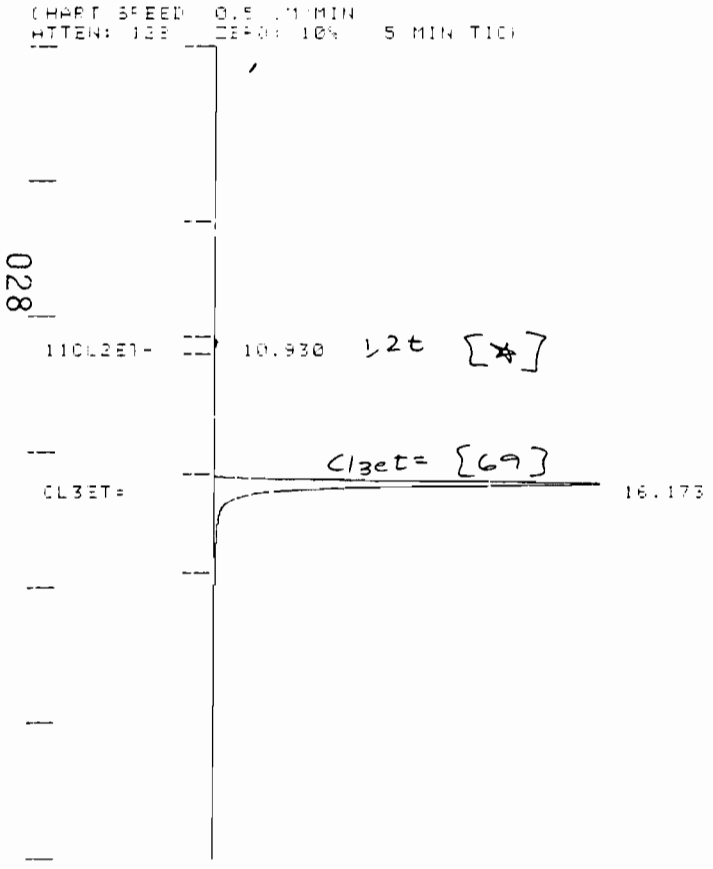
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]



JAN 5?

TITLE: EPA METHOD 601 0:37 1 FEB ??

CHANNEL NO: 3 SAMPLE: 12678 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	12?C_2ET=	0.26	10.930	5141	BB
2	C_3ET=	50.37	16.173	991275	BB
TOTALS:		50.65		996416	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V0.2

ERRORS:
REF PEA NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1.8'SS CCL 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AI3C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R010 Duplicate
ERCO ID	12698 Duplicate
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene ---------	*	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	54	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

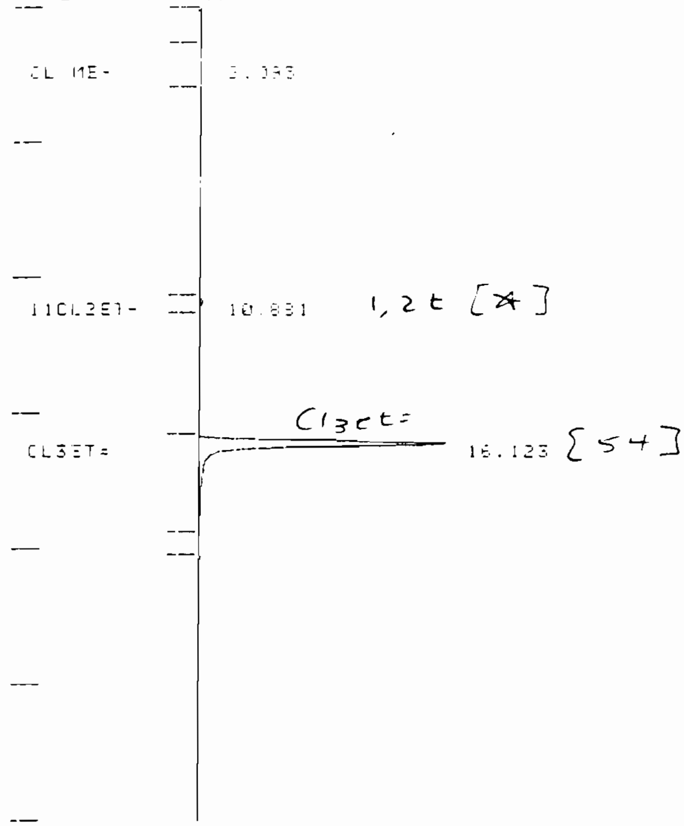
ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 11:13 8 JAN 85

113 CHANNEL NO: 3 SAMPLE: 12698D 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	0.33	2.095	3568	BB
2	12TCL2ET=	0.33	10.861	6101	BB
3	CL3ET=	29.37	16.123	578039	BB
TOTALS:		30.03		587708	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V073

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-12 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R011
ERCO ID	12677
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene --------	2.2	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	31	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

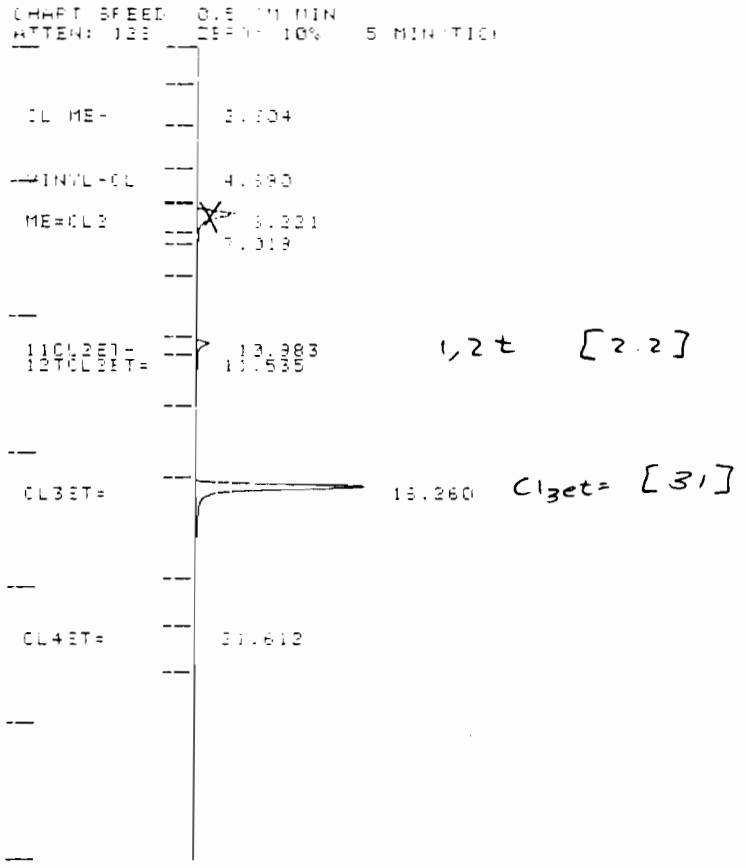
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



1,2 t [2.2]

Cl_3et = [3.1]

JAN 85

TITLE: EPA METHOD 601 16:20 3 [illegible]

CHANNEL NO: 3 SAMPLE: 12677 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	0.41	3.304	4338	BB
2	CL ET-	0.15	4.690	1753	BV
3	[illegible]	0.11	5.221?	00000	VV
4	CHCL3	0.99	10.983	26744	BV
5	12DCLZET-	0.43	11.535	10366	VB
6	BRDCLME-	25.49	16.260	394217	BB
7	CL4ET=	0.11	21.612	2324	BB
TOTALS:		35.69		548387	

039

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V021

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8" SS OV-1 (SEP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R011 Spike
ERCO ID	12699 Spike
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene --------	72 (72%)	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane ----------	74 (74%)	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	82 (82%)	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

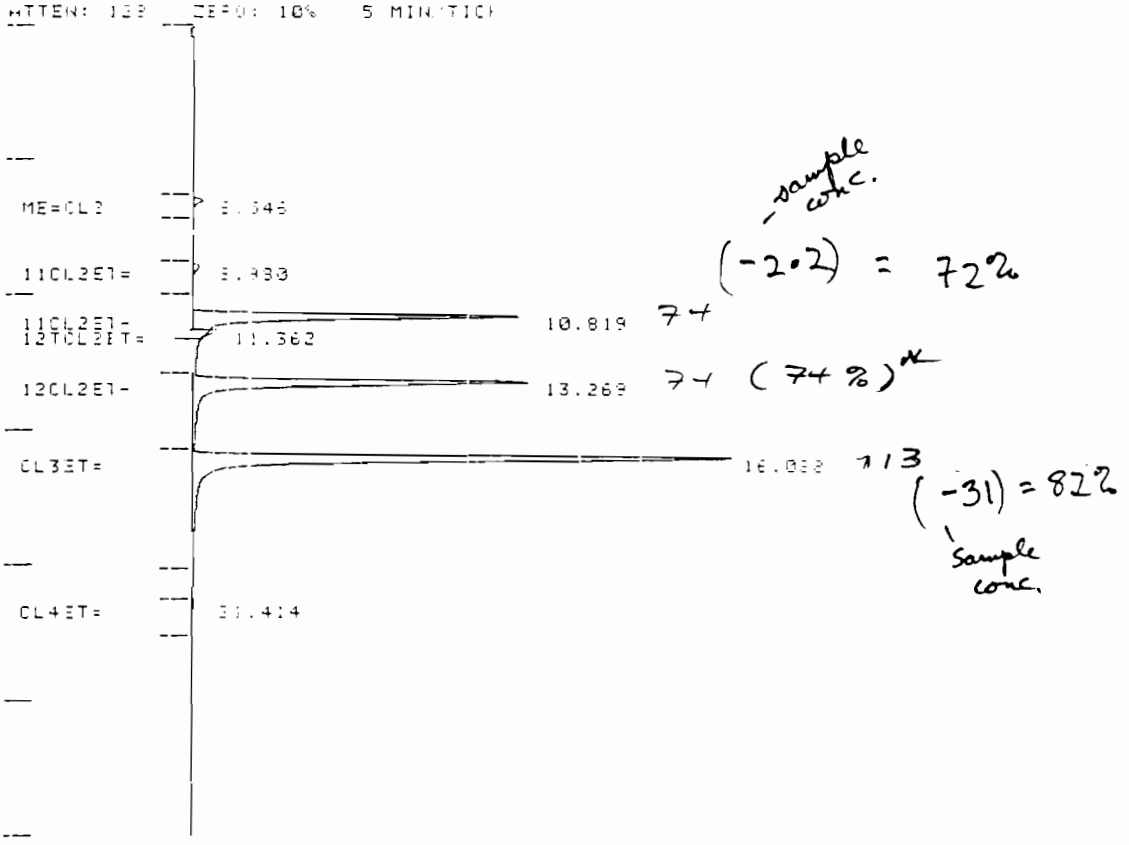
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



sample conc.

(-2.2) = 72%

74

74 (74%)*

713

(-31) = 82%

sample conc.

102

TITLE: EPA METHOD 601 17:03 4 JAN 85

CHANNEL NO: 3 SAMPLE: 126995 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEAK COUNTS	SEP CODE
1	ME=CL2	1.38	6.546P	18474	BB
2	11CL2ET=	0.83	8.980	15292	BV
3	12TCL2ET=	40.64	10.819	749033	VV
4	CHCL3	0.30	11.362	8158	T
5	11CL2ET-	37.80	13.269	787198	VV
6	CL3ET=	61.94	16.068	1219060	VB
7	CL4ET=	0.09	21.414	1768	BB
TOTALS:		142.98		2798970	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601-034

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SE OCL 1%SP-1000 ON 60/80 CP-B
45°(3 MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R012	
ERCO ID	12678	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/18/84	
ANALYSIS COMPLETED	1/2/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

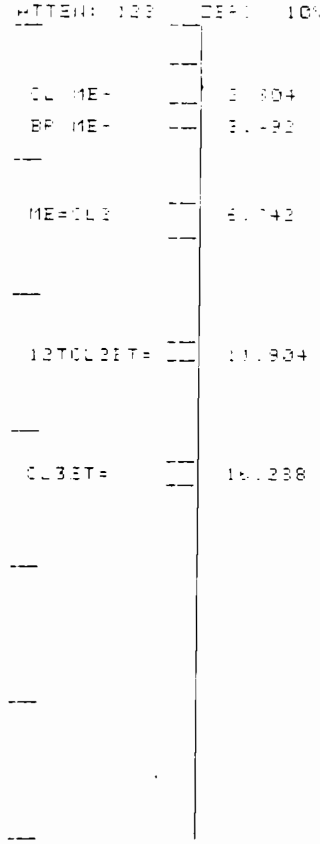
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 M/MIN
ATTEN: 128 ZERO 10% 5 MIN/TICK



040

TITLE: EPA METHOD 601 17:11 2 ~~FEB 84~~ JAN 85

CHANNEL NO: 3 SAMPLE: 12678 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	0.37	2.304	3953	BV
2	VINYL-CL	0.17	3.492	1194	VB
3	ME=CL2	0.14	6.742P	1814	BB
4	CL3ET=	0.07	16.288	1424	BP
TOTALS:		0.75		8385	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V032

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-12 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R013
ERCO ID	12679
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

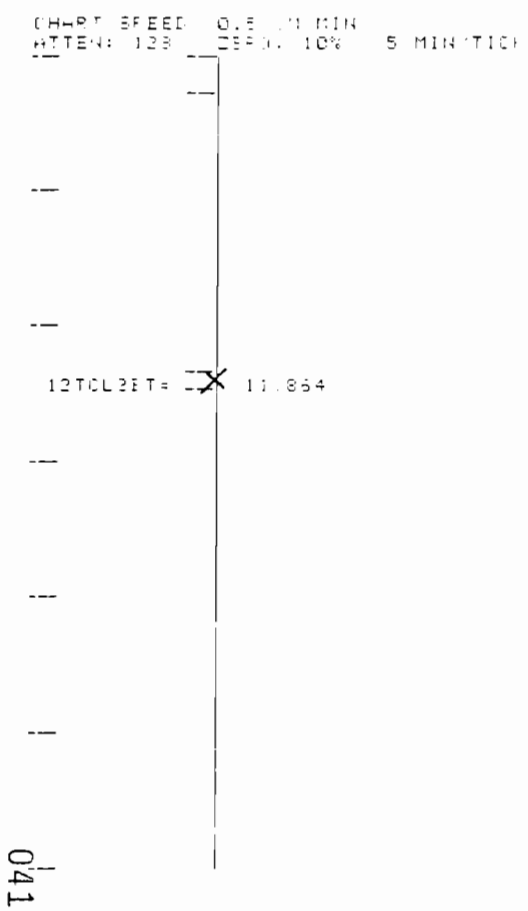
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



041

JAN 85

TITLE: EPA METHOD 601 13:01 2 FEB 84

CHANNEL NO: 3 SAMPLE: 12679 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V013

ERRORS:
REF PEAK NOT FOUND
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRAP OP 700HALL
8'X 1 8"SS OV 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R014
ERCO ID	12680
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

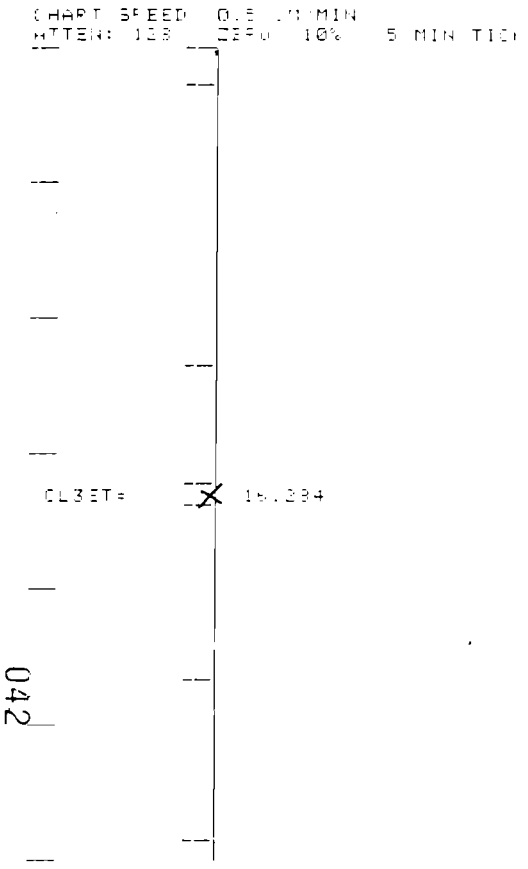
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



JANS

TITLE: EPA METHOD 601 13:53 3 23-24

CHANNEL NO: 3 SAMPLE: 12680 5ML METHOD: 601

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
1	CLOSET=	0.07	16.284	1283	BB
TOTALS:		0.07		1283	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V014

ERRORS:
REF PEA NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS OV 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VOA AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R015
ERCO ID	12681
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

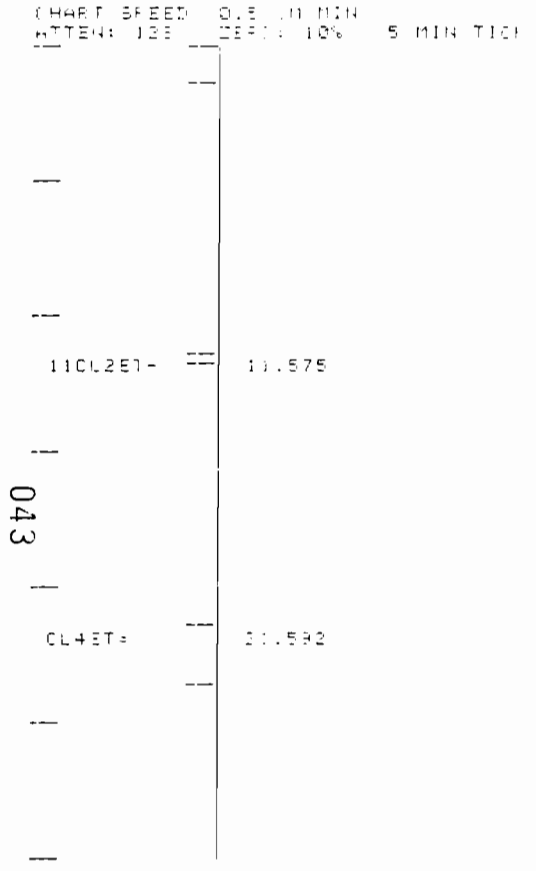
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



JAN 65

TITLE: EPA METHOD 601 19:42 2 FEB 84

CHANNEL NO: 3 SAMPLE: 12681 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL4ET=	0.13	21.592	2680	BB
TOTALS:		0.13		2680	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V05

ERRORS:
REF PEA NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700SC TRICOR 730HALL
8'X 1 8'SS OCL 1%SP-1000 ON 60/80 CP-B
45°/3' 8°/MIN TO 220°/15'
PURGE AND CHARGER FLOWS = 40 ML/MIN
VICI ATJC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R016
ERCO ID	12682
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene ---------	*	1
23V	Chloroform ----------	*	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	4.8	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

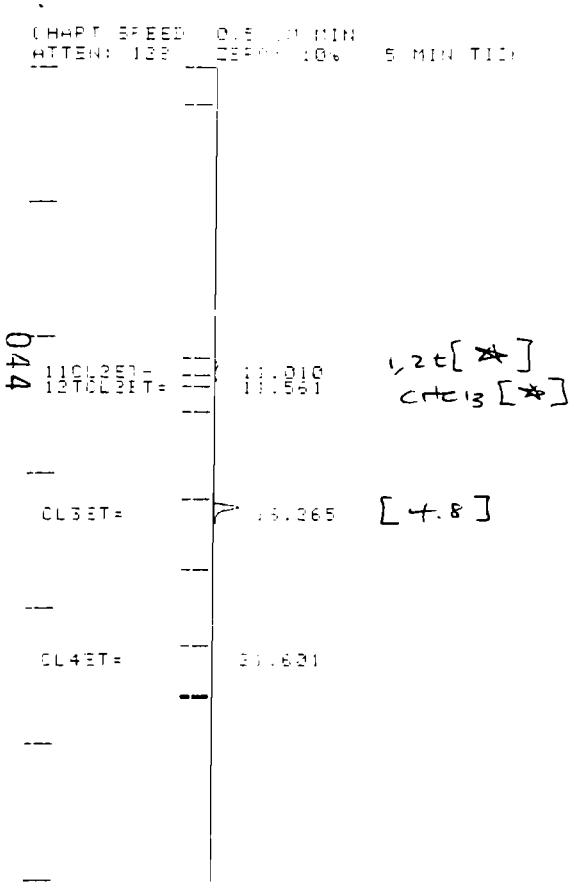
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: _____

Checked by: _____



JAN 85

TITLE: EPA METHOD 601 20:32 2 FEB 84

CHANNEL NO: 3 SAMPLE: 12682 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	12DCL2ET=	0.49	11.010	8977	BV
2		0.00	11.561	2918	VV
3	CHCL3	0.07	11.769	1063	VB
4	CL3ET=	3.14	16.265	61848	BB
5	CL4ET=	0.13	21.601	2684	BB
TOTALS:		3.83		78286	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601\005

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R017
ERCO ID	12683
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene ---------	*	1
23V	Chloroform ----------	*	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	13	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

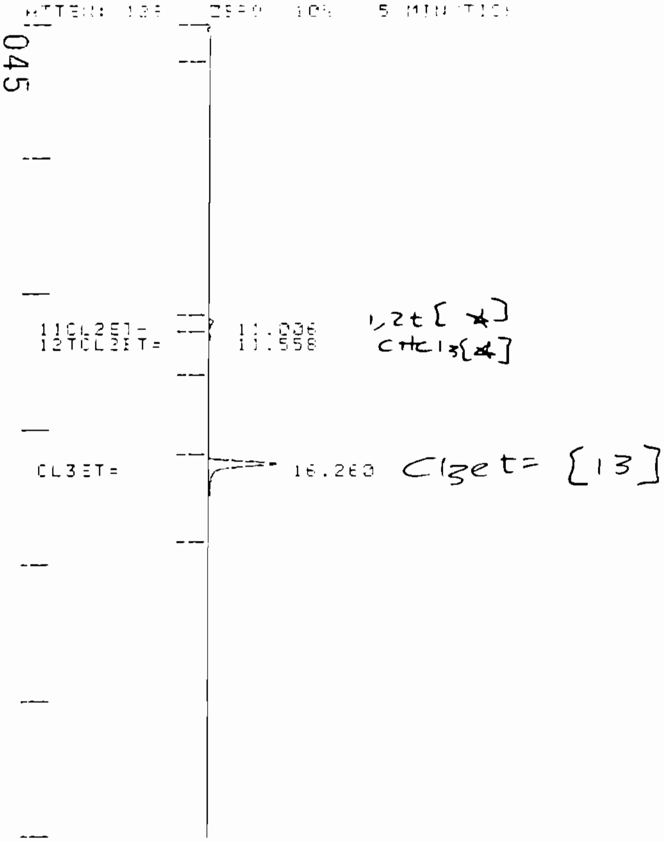
*Trace concentrations detected below the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO 10% 5 MIN/TICK

045



JAN 85

TITLE: EPA METHOD 601 21:25 2 FEB 84

CHANNEL NO: 3 SAMPLE: 12583 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	12TCL2ET=	0.59	11.006	10942	BV
2		0.00	11.558	7217	VB
3	CL3ET=	8.48	16.260	166854	BB
TOTALS:		9.07		185013	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V017

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN

CLIENT	General Electric
CLIENT ID	R018
ERCO ID	12684
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: ~~~

046

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK

JAN 85

TITLE: EPA METHOD 601 22:13 2 [illegible]

CHANNEL NO: 3 SAMPLE: 12684 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CLOSET=	0.07	16.291	1312	ES
TOTALS:		0.07		1312	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V078

ERRORS:
REF PEAK NOT FOUND

047

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R019
ERCO ID	12685
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

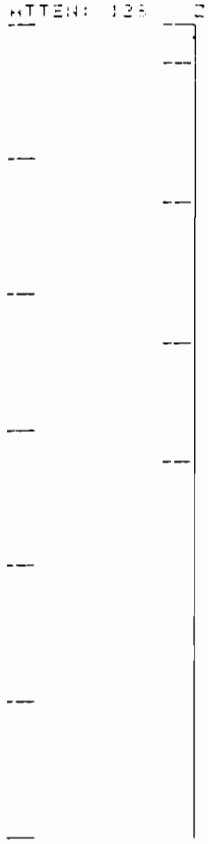
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED: 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TIC



JAN 85

TITLE: EPA METHOD 601 23:03 2 FEB

CHANNEL NO: 3 SAMPLE: 12685 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

048

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V029

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700SI TRACOR 700HALL
8'X 1.8"ID SS PACKED 1%SP-1000 ON 60 80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R020
ERCO ID	12686
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/2/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

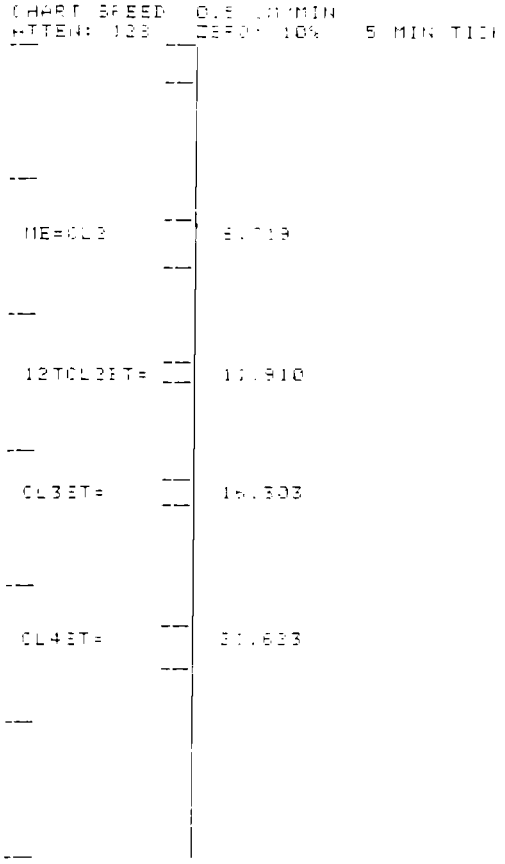
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



049

TITLE: EPA METHOD 601 23:54 3 FEB 84

CHANNEL NO: 3 SAMPLE: 12686 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.43	6.719P	5729	BB
2	CHCL3	0.04	11.910	1154	BB
3	CL3ET=	0.13	16.303	2641	BB
4	CL4ET=	0.07	21.623	1480	BB
TOTALS:		0.67		11034	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V030

NOTES:
EPA METHOD 601
VARIAN 3760SI TRACOR 700HALL
8'X 1.8"SS OV-1 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VICI M7OC-1-1E AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R021
ERCO ID	12587
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

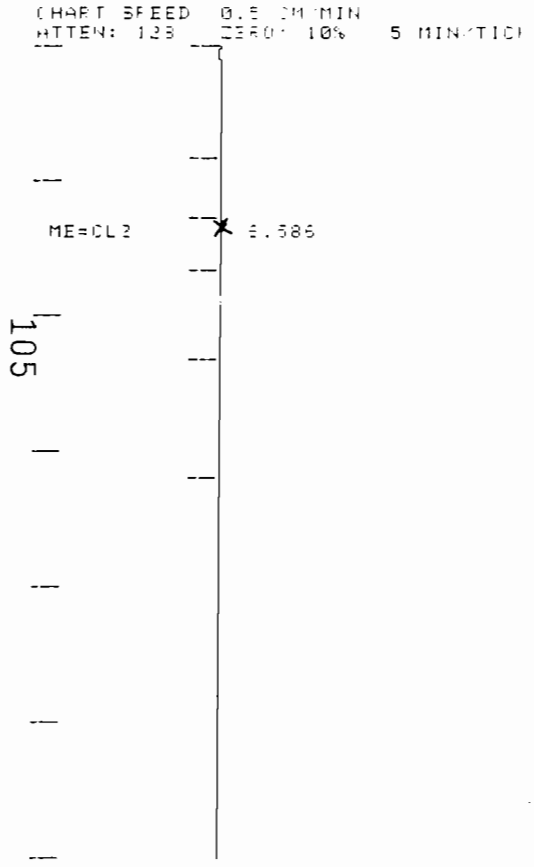
	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]
Checked by: SFM



TITLE: EPA METHOD 601 19:30 4 JAN 94

CHANNEL NO: 3 SAMPLE: 12587 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SBR CODE
1	ME=CL2	1.27	6.586P	16984	BB
TOTALS:		1.27		16984	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V047

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R021 Spike
ERCO ID	12607 Spike
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/8/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene ---------	70 (70%)	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane ----------	69 (69%)	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	71 (71%)	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

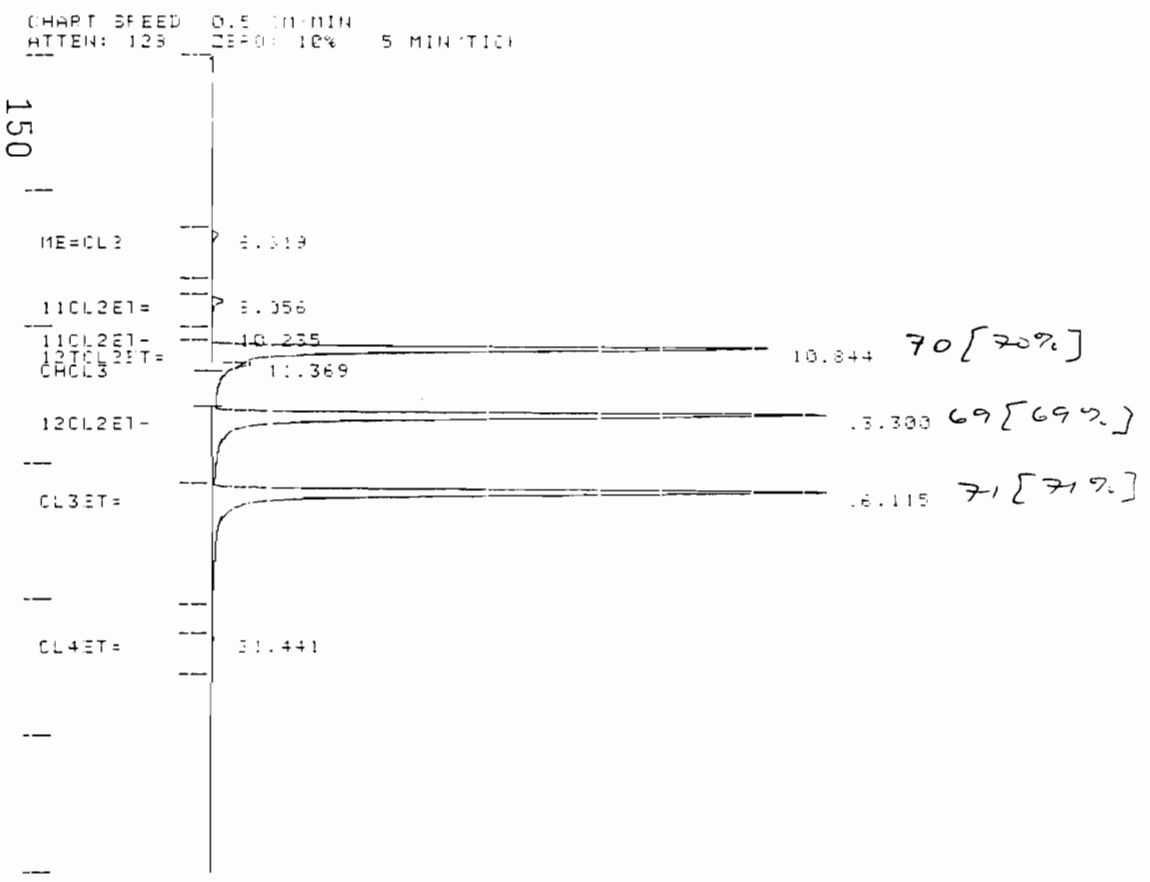
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WT

Checked by: JFM



70 [70%]

69 [69%]

71 [71%]

55

TITLE: EPA METHOD 601 0:35 8 JAN 84

CHANNEL NO: 3 SAMPLE: 126076 SML METHOD: 601V

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	BEP CODE
1	ME=CL2	1.45	6.619P	19486	BB
2	11CL2ET=	1.45	9.056	26561	BV
3	11CL2ET-	0.08	10.235	1300	T
4	12TCL2ET=	68.86	10.844	1269080	VV
5		0.00	11.369	9478	T
6	111CL3ET-	67.49	13.300	1405360	VV
7	CL3ET=	71.35	16.115	1404140	VB
8	CL4ET=	0.18	21.441	3660	BB
TOTALS:		210.85		4139060	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V103

NOTES:
EPA METHOD 601
VARIAN 3700SC TRACOR 700HALL
8'X 1/8"SE CCL 1%SP-1000 ON 60 80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VISI AUTOSAMPLER

1.

CLIENT	General Electric
CLIENT ID	R022
ERCO ID	12588
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

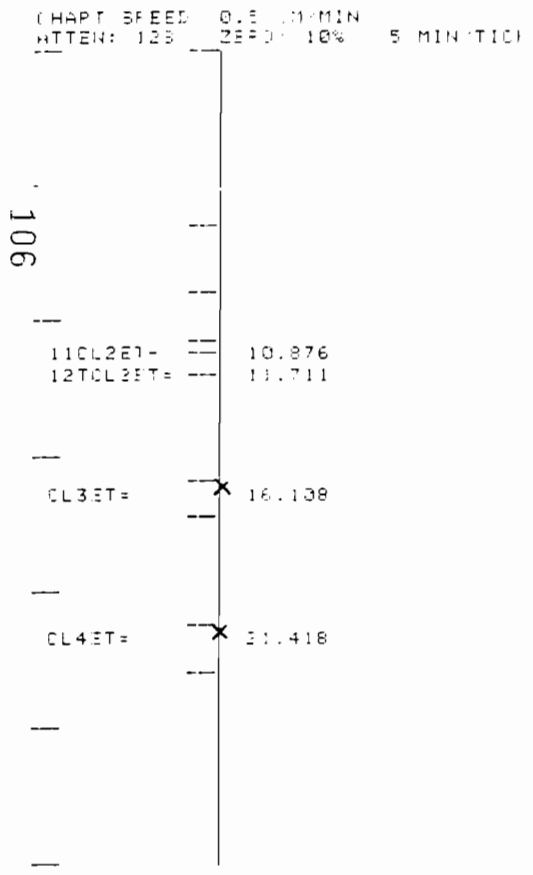
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFH



TITLE: EPA METHOD 601 20:19 4 JAN 84

CHANNEL NO: 3 SAMPLE: 12588 5ML METHOD: 601V

PEAK NO	PEA NAME	RESULT PPE	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.07	11.711	1779	VB
2	CL3ET=	0.22	16.108	4355	BB
3	CL4ET=	0.30	21.418	6179	BB
TOTALS:		0.59		12313	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V058

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60-80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CHARCOAL FLOW = 40 ML/MIN
VICI METC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R023
ERCO ID	12589
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

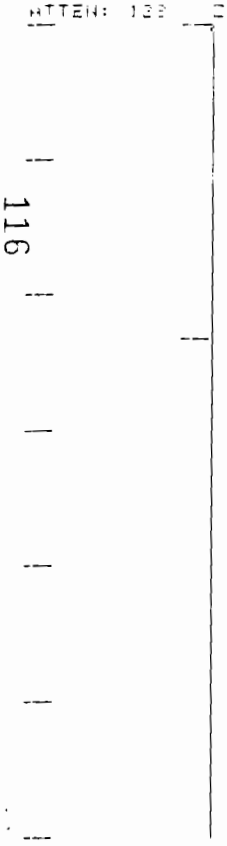
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED: 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICS



TITLE: EPA METHOD 601 13:43 6 JAN 84

CHANNEL NO: 3 SAMPLE: 12589 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V076

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700 W/VISTA 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND SAMPLER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R024	
ERCO ID	12687	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/18/84	
ANALYSIS COMPLETED	1/3/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

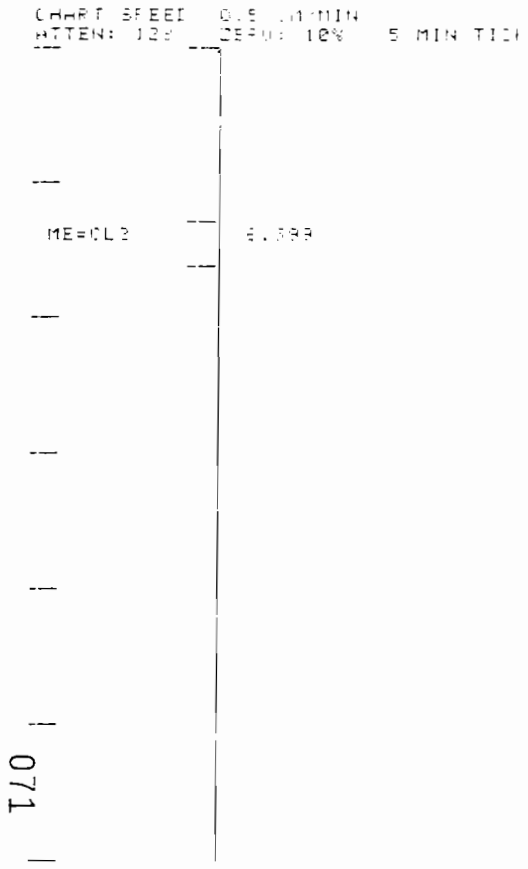
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



TITLE: EPA METHOD 601 16:50 3 JAN 85

CHANNEL NO: 3 SAMPLE: 12687 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.25	6.599P	3368	EB
TOTALS:		0.25		3368	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V041

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 708HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI MTSC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R025
ERCO ID	12630
SAMPLE RECEIVED	12/27/84
ANALYSIS COMPLETED	1/10/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

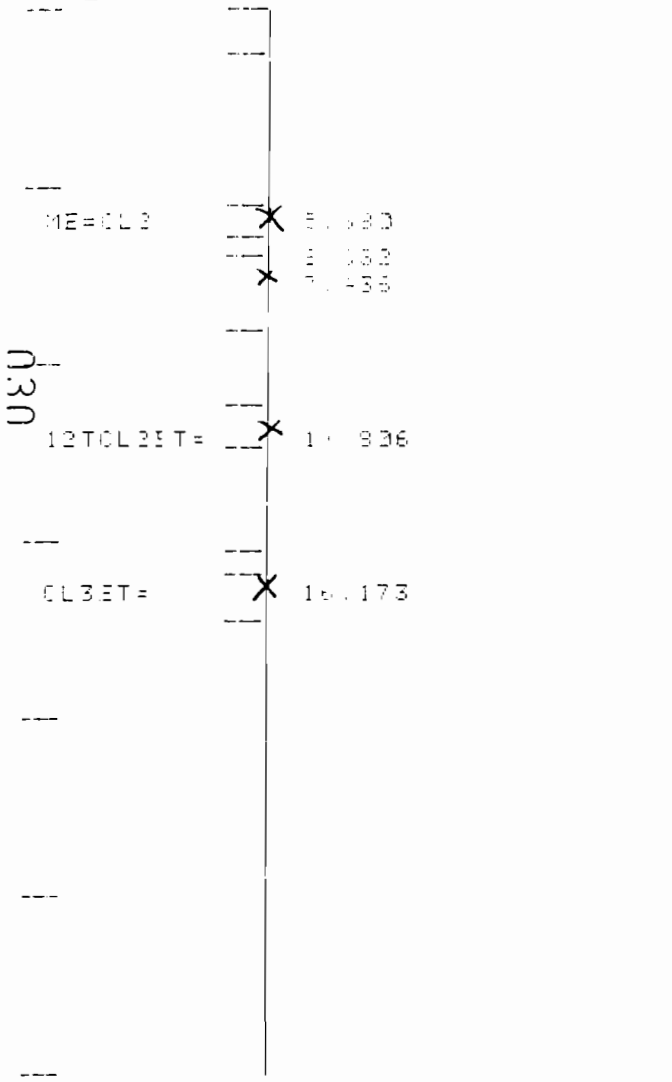
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JF/7



TITLE: EPA METHOD 601 5:25 10 JAN 85

CHANNEL NO: 3 SAMPLE: 12530 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.65	5.680P	8666	BV
2		0.00	6.682	3104	VV
3	11CL2ET=	0.44	7.436	8161	VB
4	111CL3ET=	0.16	11.806	3245	BB
5	CHBR3	0.83	16.173	5501	BB
TOTALS:		2.08		28977	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V ..

NOTES:
EPA METHOD 601
VARIAN 3700GC THICOR 700HALL
8'X 1/8"SS OD SP-1000 ON 60/80 CP-B
45°(3') 8°/MIN TO 220°(15')

CLIENT	General Electric
CLIENT ID	R-026
ERCO ID	11916
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/26/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

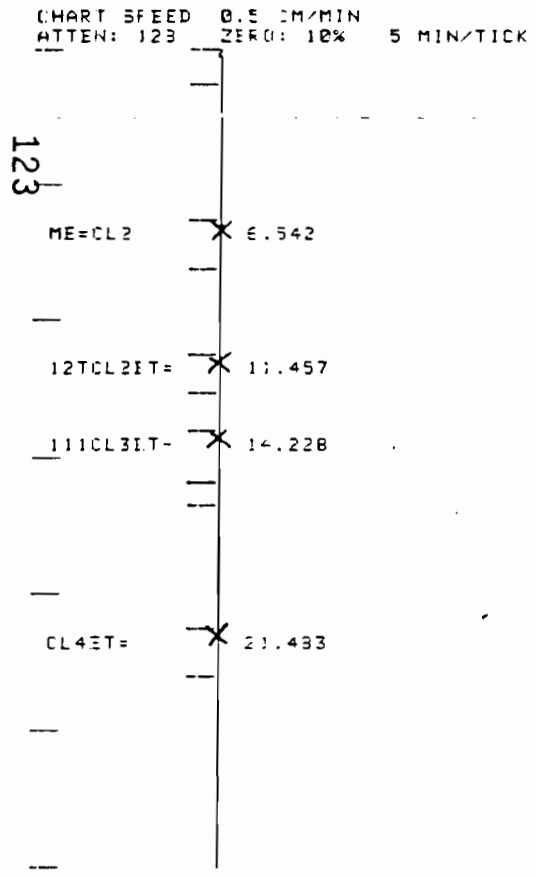
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



TITLE: EPA METHOD 601 16:33 26 DEC 84

CHANNEL NO: 3 SAMPLE: 11916 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.68	6.542P	9124	BB
2	CHCL3	0.25	11.457	6818	BB
3	BRCL2ME-	0.27	14.228	5430	BB
4	CL4ET=	0.27	21.483	5442	BB
TOTALS:		1.47		26814	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V030

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R027
ERCO ID	12688
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/3/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

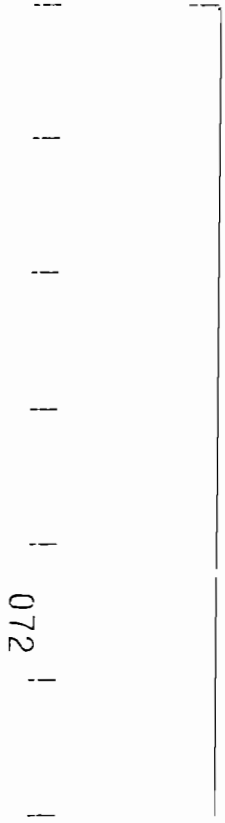
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: MS

CHART SPEED: 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN/TIC



TITLE: EPA METHOD 601 17:40 3 JAN 84

CHANNEL NO: 3 SAMPLE: 12680 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V0+2

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC W/HOP 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3' 8° MIN TO 220°/15'
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI MTOC-1-IE AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R028
ERCO ID	12689
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/3/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

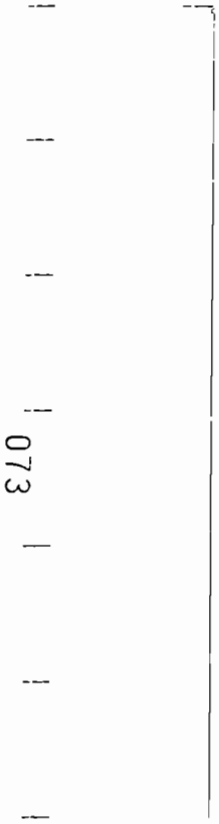
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICS



8.5 mtz

TITLE: EPA METHOD 601 18:30 3 JAN 84

CHANNEL NO: 3 SAMPLE: 12683 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V043

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TYPICAL 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3') 8° MIN TO 220°(15')
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R029
ERCO ID	12631
SAMPLE RECEIVED	12/27/84
ANALYSIS COMPLETED	1/10/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1;2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

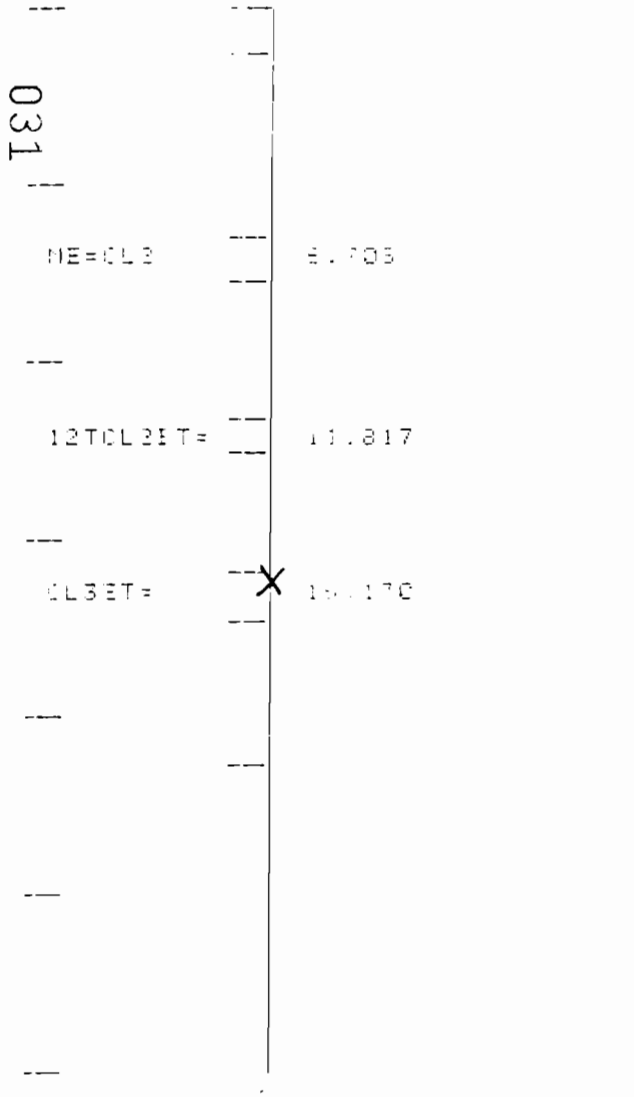
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [illegible]

Checked by: JFM

CHART SPEED 0.5 "-MIN
ATTEN: 128 DEPTH 10% 5 MIN. TICK



TITLE: EPA METHOD 601 6:24 10 JAN 85

CHANNEL NO: 3 SAMPLE: 12631 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.13	6.708R	1559	BB
2	CHCL3	0.09	11.817	2373	BB
3	CL3ET=	0.34	16.170	6714	BB
TOTALS:		0.55		10646	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V[illegible]

NOTES:
EPA METHOD 601
VARIAN 3700GC PHOTOR 700HALL
8'X 1 8"SS OCL (%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE W/O CHEM'S FLOWS = 40 ML/MIN

CLIENT	General Electric
CLIENT ID	R030
ERCO ID	12632
SAMPLE RECEIVED	12/27/84
ANALYSIS COMPLETED	1/10/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	2.2	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

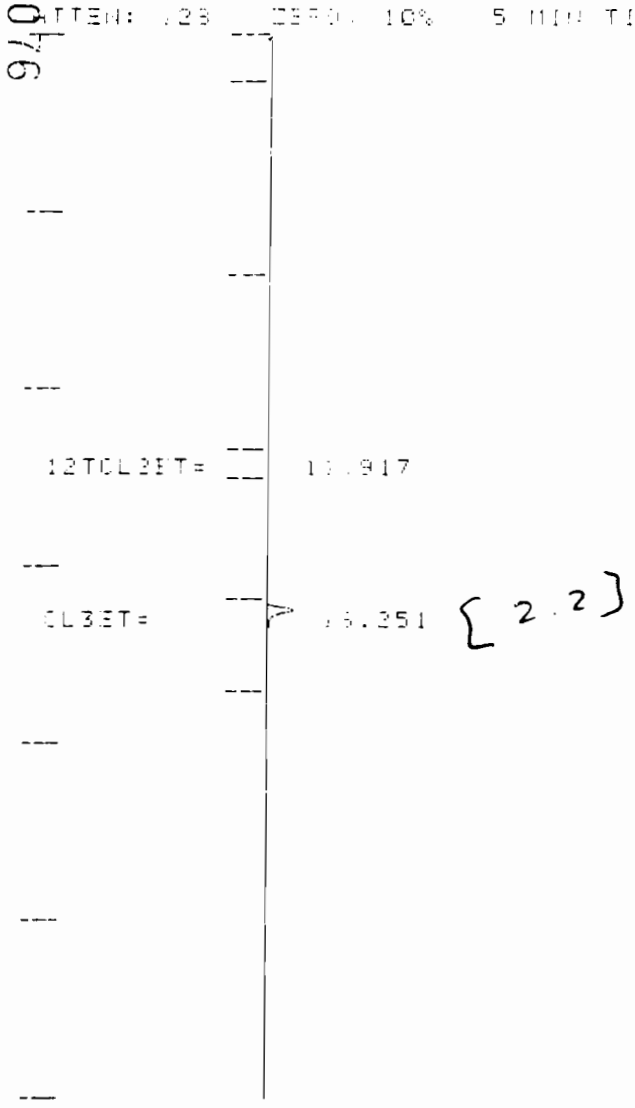
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by:

Checked by: JFM



TITLE: EPA METHOD 601 14:51 11 JAN 95

CHANNEL NO: 3 SAMPLE: 12632 SNL METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.08	11.917	2221	BB
2	CL3ET=	2.45	16.251	48131	BB
TOTALS:		2.53		50352	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V022

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS 1% SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R031	
ERCO ID	12590	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/21/84	
ANALYSIS COMPLETED	1/6/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

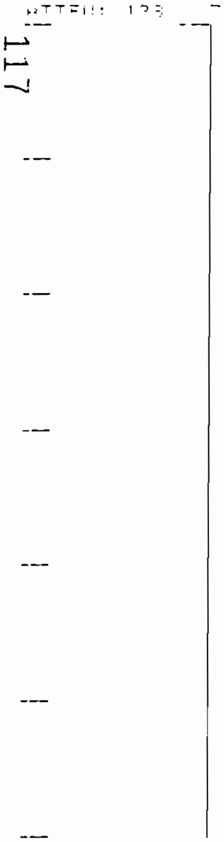
ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFH

CHART SPEED 0.5 IN/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK

117



TITLE: EPA METHOD 601 14:33 5 JAN ~~84~~ 85

CHANNEL NO: 3 SAMPLE: 12590 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V077

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VIIII HTDC-1-1E AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R032
ERCO ID	12591
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

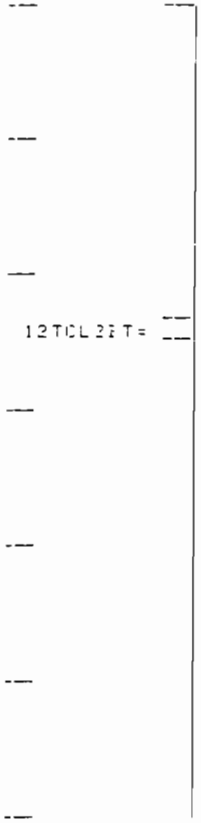
ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFM

118

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



85

TITLE: EPA METHOD 601 15:22 6 JAN 94

CHANNEL NO: 3 SAMPLE: 12591 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
1	CHCL3	0.05	11.760	1293	BB
TOTALS:		0.05		1293	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V078

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS OD, 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

119

CLIENT	General Electric
CLIENT ID	R-033
ERCO ID	11917
SAMPLE RECEIVED	12/12/84
ANALYSIS COMPLETED	12/26/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	3.4	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	4.5	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	4.4	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

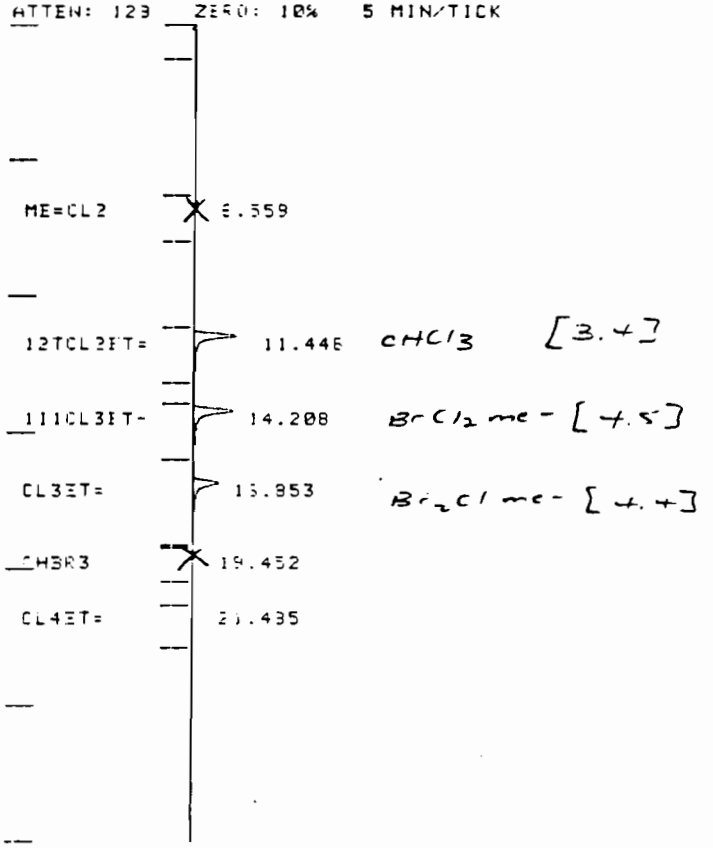
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]
Checked by: JFM

124

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 17:23 26 DEC 84

CHANNEL NO: 3 SAMPLE: 11917 SML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.80	6.559R	10716	BB
2	CHCL3	3.76	11.448	101879	BB
3	BRCL2ME-	5.0E	14.208	102581	BV
4	BR2CLME-	4.8E	16.853	75168	VB
5	CHBR3	0.6E	19.452	4771	BB
6	CL4ET=	0.11	21.485	2211	BB
TOTALS:		15.25		297326	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V031

NOTES:
EPA METHOD 601
VARIAN 3700SC TRACOR 700HALL
8'X 1/8"SS OD 1%SP-1000 ON 60 80 DP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER

125

CLIENT	General Electric
CLIENT ID	R034
ERCO ID	12592
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

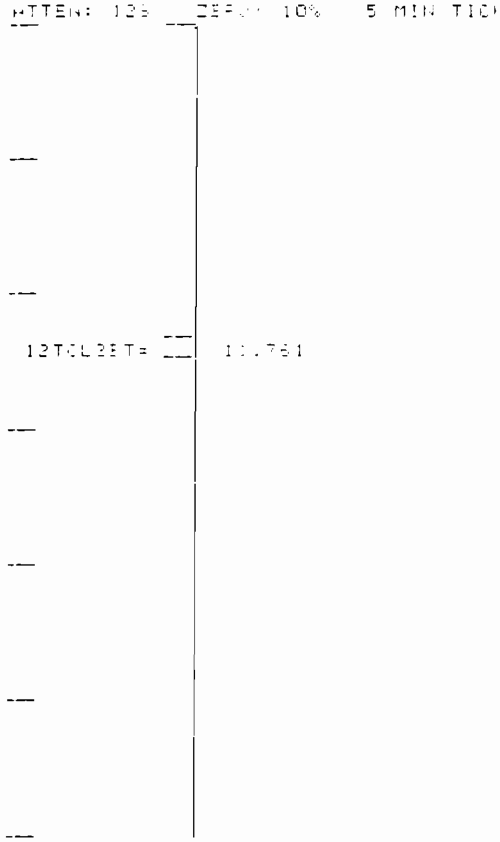
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFM

CHART SPEED 0.5 CM MIN
ATTEN: 125 ZERO 10% 5 MIN TICK



55

TITLE: EPA METHOD 601 16:11 6 JAN 84

CHANNEL NO: 3 SAMPLE: 12592 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.04	11.761	1195	BB
TOTALS:		0.04		1195	

120

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V079

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-IE AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	B035	
ERCO ID	12593	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/21/84	
ANALYSIS COMPLETED	1/6/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

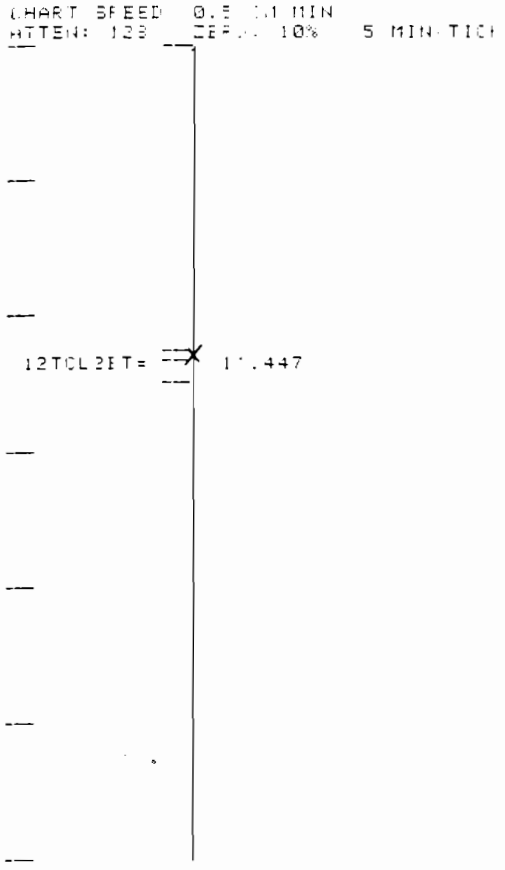
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: [illegible]



TITLE: EPA METHOD 601 17:00 6 JAN 84

121

CHANNEL NO: 3 SAMPLE: 12593 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEX COUNTS	SEP CODE
1		0.00	11.447	2008	BV
2	CHCL3	0.07	11.607	1881	VB
TOTALS:		0.07		3889	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V030

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO	
CLIENT ID	R036		
ERCO ID	12594	VOLATILE COMPOUNDS	
SAMPLE RECEIVED	12/21/84		
ANALYSIS COMPLETED	1/6/85	EPA 601 METHOD	
RESULTS IN	ug/l (ppb)		

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

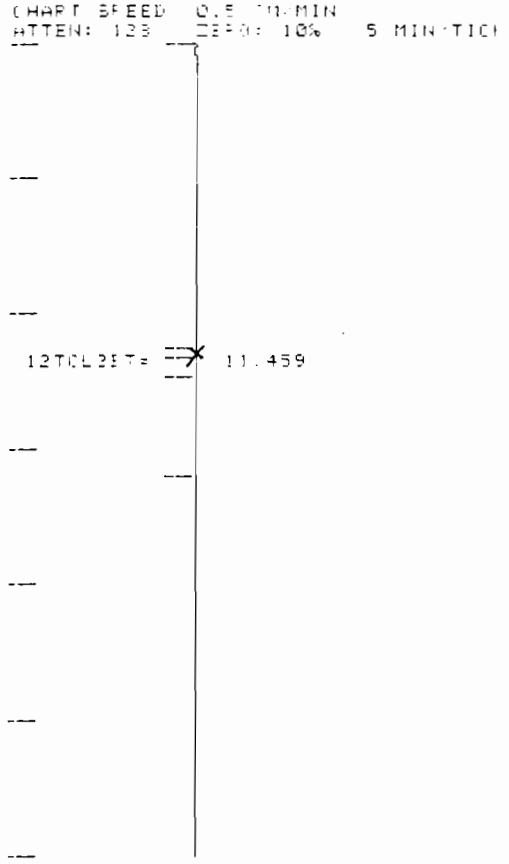
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]



TITLE: EPA METHOD 601 17:49 6 JAN 94

CHANNEL NO: 3 SAMPLE: 12594 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.00	11.459	1970	BV
2	CHCL3	0.06	11.618	1753	VB
TOTALS:		0.06		3723	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601\031

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC DETECTOR 700HALL
8'X 1 8"SE COL (SEP-1000 ON 60/80 CP-B
45°(3' 8° MIN TO 220°(15'
PURGE AND CARRIER FLOWS = 40 ML/MIN
VOA 8700-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R037	
ERCO ID	12595	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/21/84	
ANALYSIS COMPLETED	1/6/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

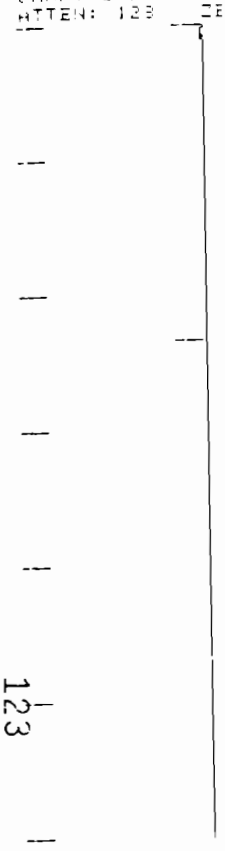
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



TITLE: EPA METHOD 601 18:58 6 JAN 94

CHANNEL NO: 3 SAMPLE: 12595 5ML METHOD: 601

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V032

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS OV-1 1%SP-1000 ON 60 80 CP-B
45°(3.3° MIN) TO 220°(15)
PURGE AND CHARCOAL FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R038
ERCO ID	12596
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

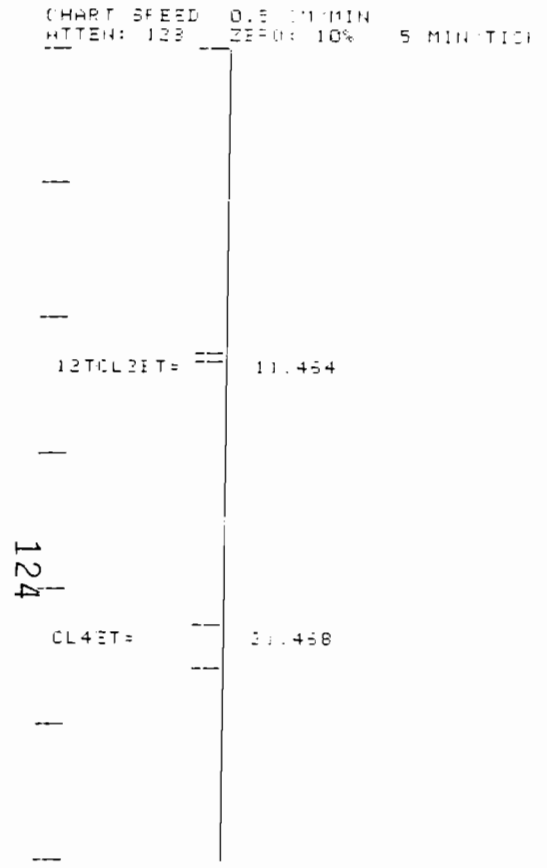
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WH

Checked by: JFM



TITLE: EPA METHOD 601 18:27 6 JAN 84

CHANNEL NO: 3 SAMPLE: 12596 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL4ET=	0.11	21.468	2319	BB
TOTALS:		0.11		2319	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V033

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R039
ERCO ID	12597
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

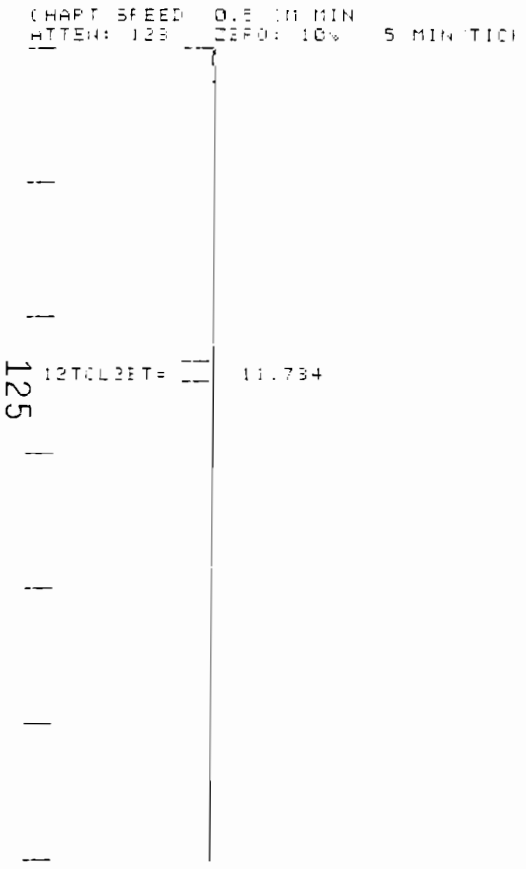
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFM



TITLE: EPA METHOD 601 20:16 6 JAN 84

CHANNEL NO: 3 SAMPLE: 12597 5ML METHOD: 601V

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
1	CHCL3	0.05	11.784	1309	BB
TOTALS:		0.05		1309	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V034

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700SC TRACOR 700HALL
8' X 1/8"SC CCL (RSP-1000 ON 60/80 CP-B
45°(3) 3° MIN TO 220°/15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI MTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R040
ERCO ID	12598
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/6/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
21V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

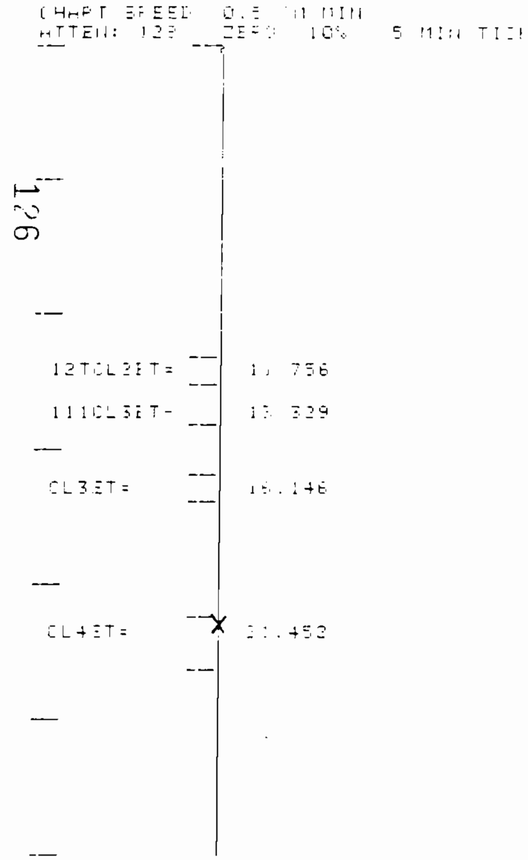
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



TITLE: EPA METHOD 601 21:06 6 JAN 94

CHANNEL NO: 3 SAMPLE: 12593 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.12	11.756	3350	BV
2	111CL3ET-	0.11	13.329	2244	VB
3	CL3ET=	0.14	16.146	2714	BB
4	CL4ET=	0.41	21.452	8454	BB
TOTALS:		0.78		16672	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V005

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VIII ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R041
ERCO ID	12599
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

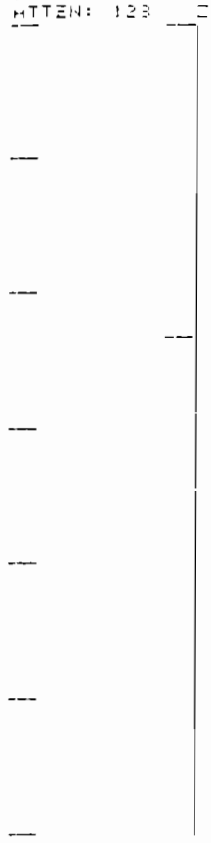
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by:

Checked by:

CHART SPEED 0.5 IN MIN
ATTEN: 128 ZERO: 10% 5 MIN TICS



TITLE: EPA METHOD 601 18:01 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12599 5ML METHOD: 601V

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V005

142

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1.8"SE COL (SP-1000 ON 60-80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AI3C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R042
ERCO ID	12690
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/3/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

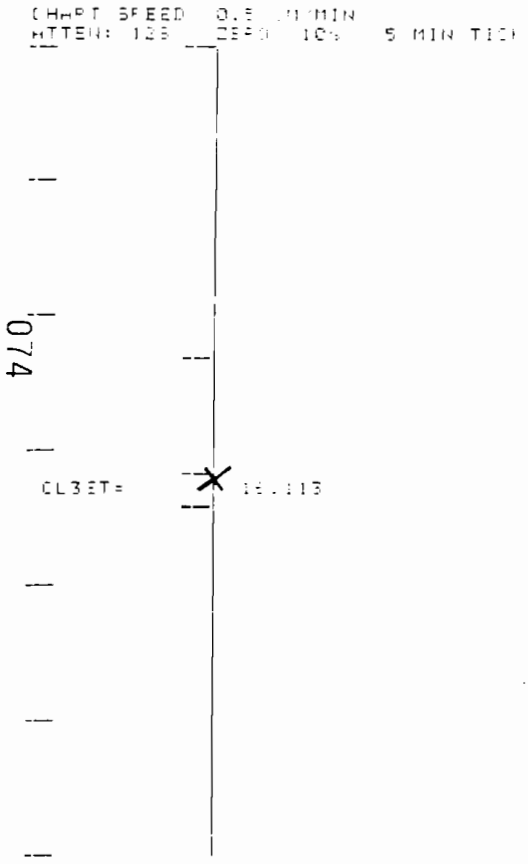
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



TITLE: EPA METHOD 601 19:20 3 JAN 85

CHANNEL NO: 3 SAMPLE: 12690 5ML METHOD: 601V

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL3ET=	0.34	16.113	6708	BB
TOTALS:		0.34		6708	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V004

ERRORS:
REF PEA NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8'SS COL 10%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AI3C-I-IE AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO	
CLIENT ID	R043		
ERCO ID	12691	VOLATILE COMPOUNDS	
SAMPLE RECEIVED	12/18/84		
ANALYSIS COMPLETED	1/3/85	EPA 601 METHOD	
RESULTS IN	ug/l (ppb)		

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene ---------	*	1
23V	Chloroform ----------	1.3	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	93	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

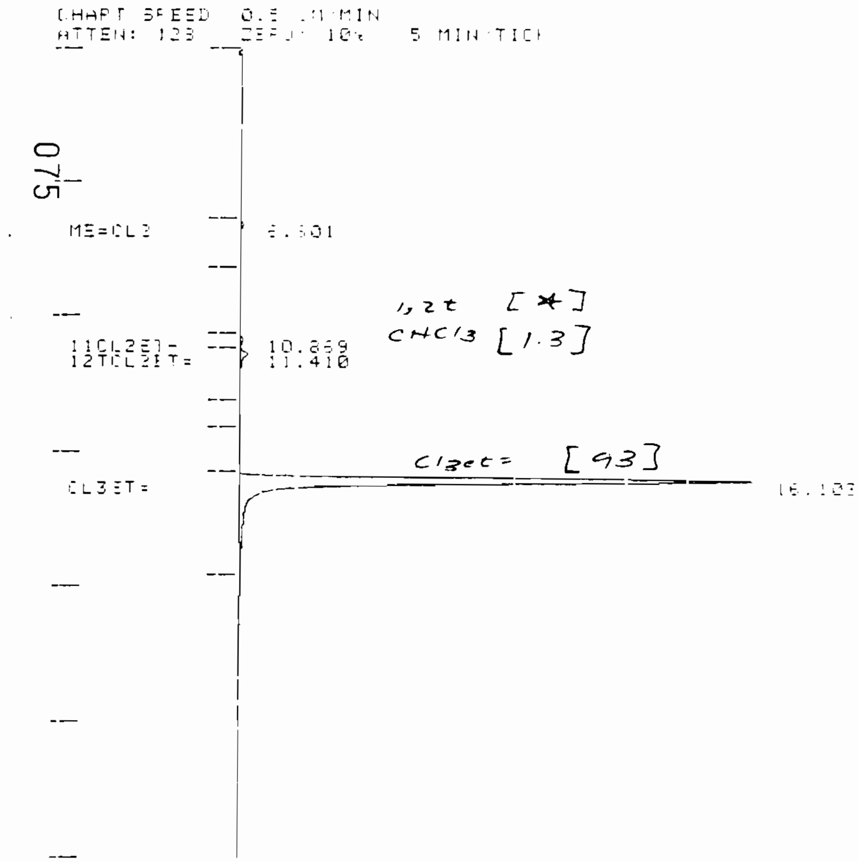
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]



TITLE: EPA METHOD 601 20:10 3 JAN ~~84~~ 85

CHANNEL NO: 3 SAMPLE: 12591 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.64	6.601P	8575	BB
2	12TCL2ET=	0.41	10.869	7623	BV
3	CHCL3	0.90	11.410	24327	VB
4	CL3ET=	58.12	16.103	1 43900	BB
TOTALS:		60.07		1184430	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601VM45

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-12 AUTOSAMPLER

~12

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R044	
ERCO ID	12692	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/18/84	
ANALYSIS COMPLETED	1/3/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene --------	5.3	1
23V	Chloroform ----------	3.8	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	530	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

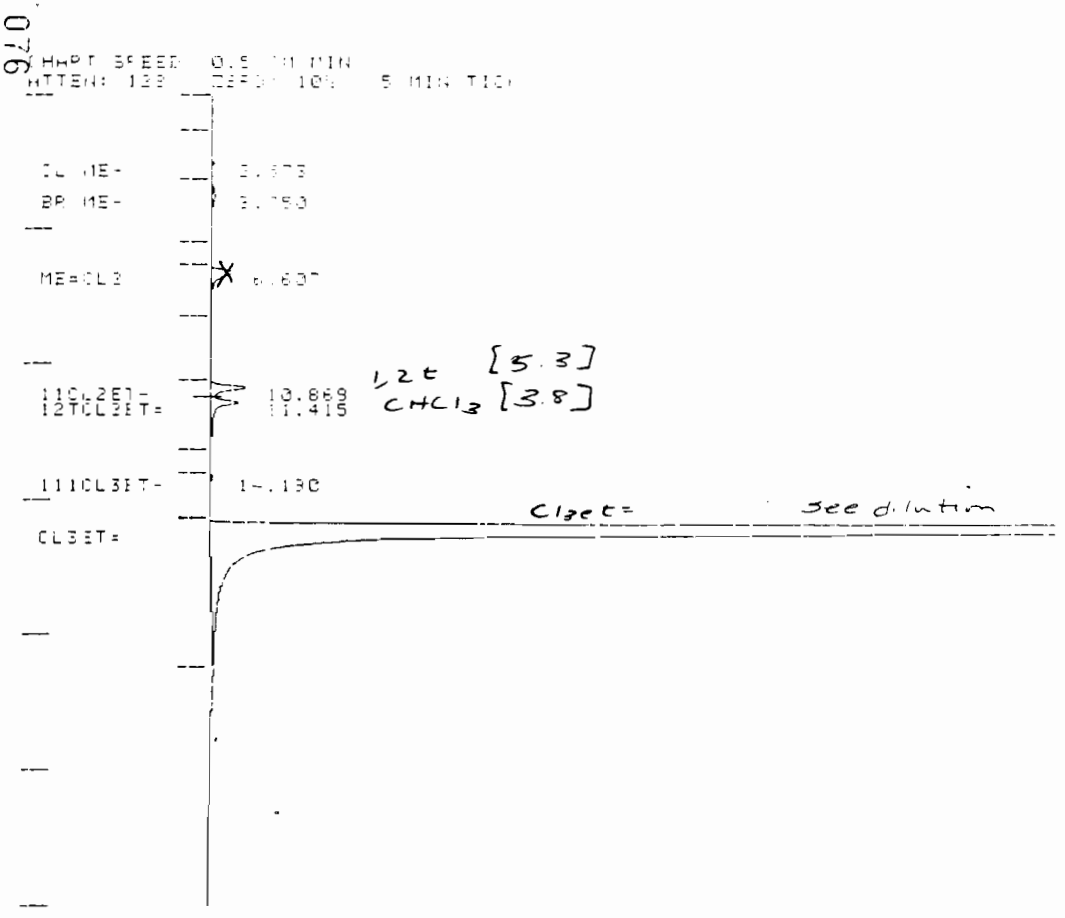
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

076



1,2 t [5.3]
$CHCl_3$ [3.8]

85

TITLE: EPA METHOD 601 21:00 3 JAN 84

CHANNEL NO: 3 SAMPLE: 12692 5ML METHOD: 601V

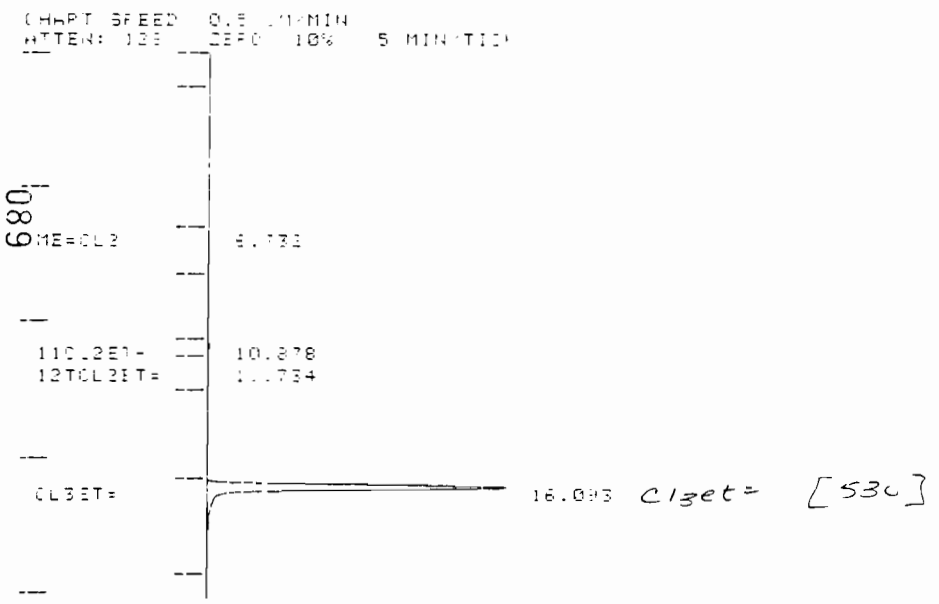
PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEX COUNTS	BEP CODE
1	BR ME-	2.22	2.573	8453	BV
2	VINYL-CL	3.29	3.750	22186	VB
3	ME-CL2	4.89	6.607P	65588	BB
4	110CL2ET=	3.89	10.869	71835	BV
5	CHCL3	2.73	11.415	73500	VB
6	BRCL2ME-	0.23	14.190	4408	BV
7	CL3ET=	448.25	16.107	8821740	VB
TOTALS:		465.44		9067410	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V046

NOTES:
EPA METHOD 601
VARIAN 3700GC TYPICOR 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VICI HTGC-1-16 AUTOSAMPLER

077



TITLE: EPA METHOD 601 11:01 4 JAN 94

CHANNEL NO: 3 SAMPLE: 12692 500UL METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	BEP CODE
1	ME=CL2	2.65	8.732P	3549	BB
2	11CL2ET=	3.09	10.878	5285	BV
3	CH2CL2	1.11	11.734	3000	VB
4	CL3ET=	290.40	16.093	571526	BB
TOTALS:		297.25		583280	

DIVISOR: 1.00000 MULTIPLIER: 10.0000

SAVED FILE: 601V033

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8% 1.8MM OD 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAP FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R045
ERCO ID	12600
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

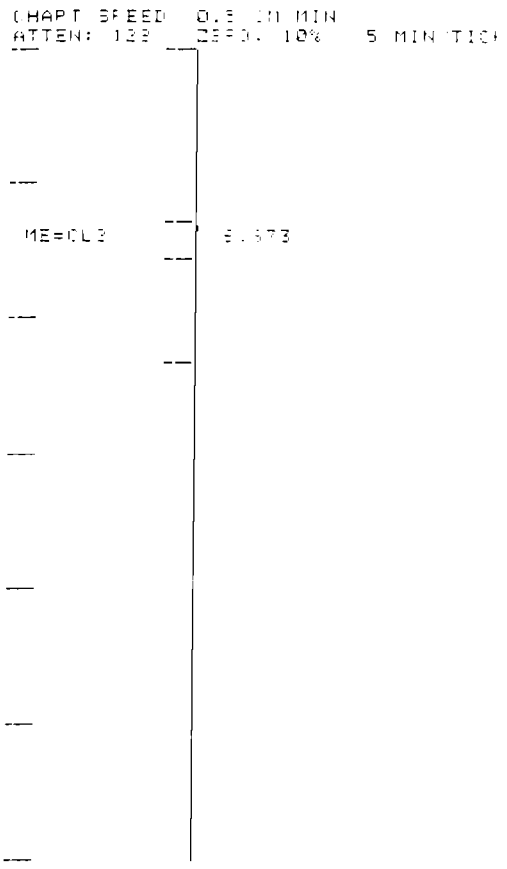
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [illegible]

Checked by: [illegible]



55

TITLE: EPA METHOD 601 13:50 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12500 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.40	6.673P	5407	BB
TOTALS:		0.40		5407	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V096

NOTES:
EPA METHOD 601
VARIAN 3700SC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VICI AT2C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R046
ERCO ID	12601
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

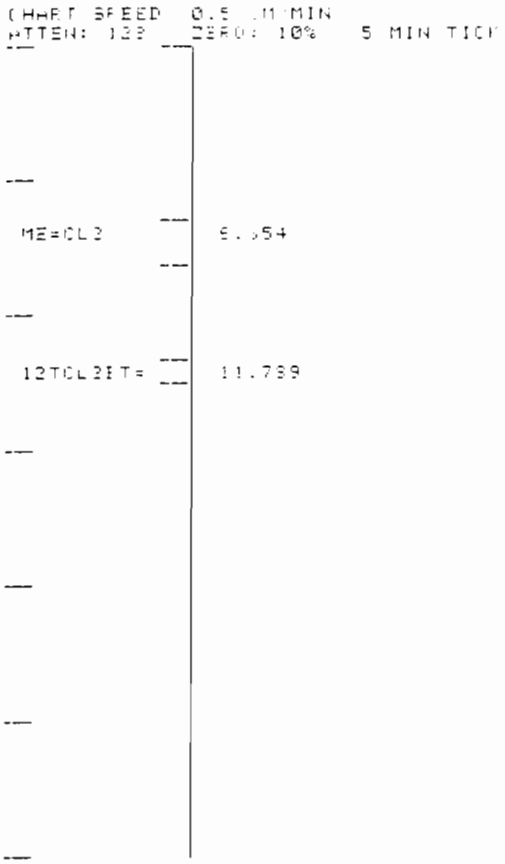
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFM



144

TITLE: EPA METHOD 601 19:38 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12601 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.37	6.654R	4994	BB
2	CHCL3	0.06	11.789	1643	BB
TOTALS:		0.43		6637	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V047

NOTES:
EPA METHOD 601
VARIAN 3700GC THICOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VIOA AUTO-1-15 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R047
ERCO ID	12602
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

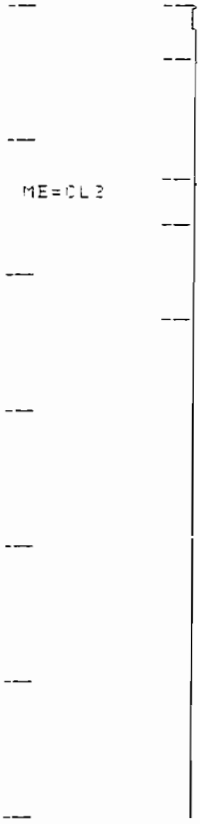
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: JFA

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



TITLE: EPA METHOD 601 20:38 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12502 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
1	ME=CL2	0.37	6.611P	4936	BB
TOTALS:		0.37		4936	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V018

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3' 8° MIN T) 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-IE AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R048
ERCO ID	12603
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

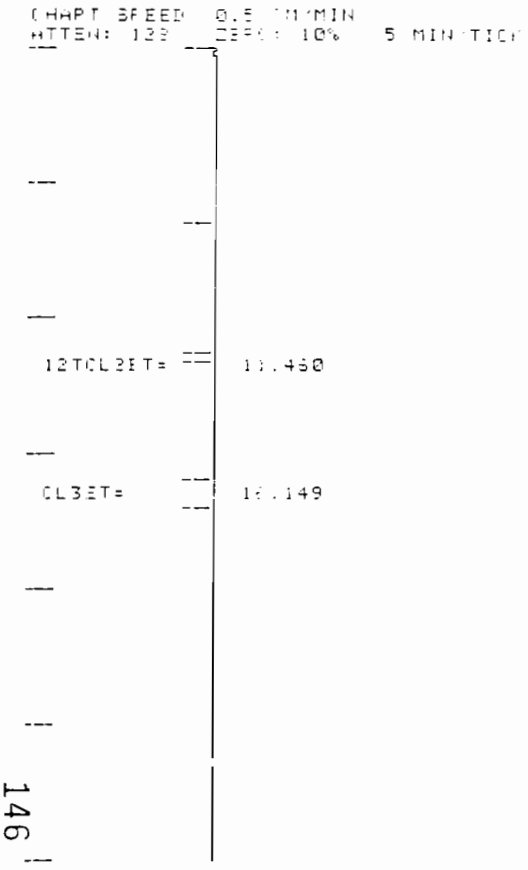
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFM



TITLE: EPA METHOD 601 21:18 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12603 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL3ET=	0.13	16.149	2266	BB
TOTALS:		0.13		2266	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V049

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AT3C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R049
ERCO ID	12604
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

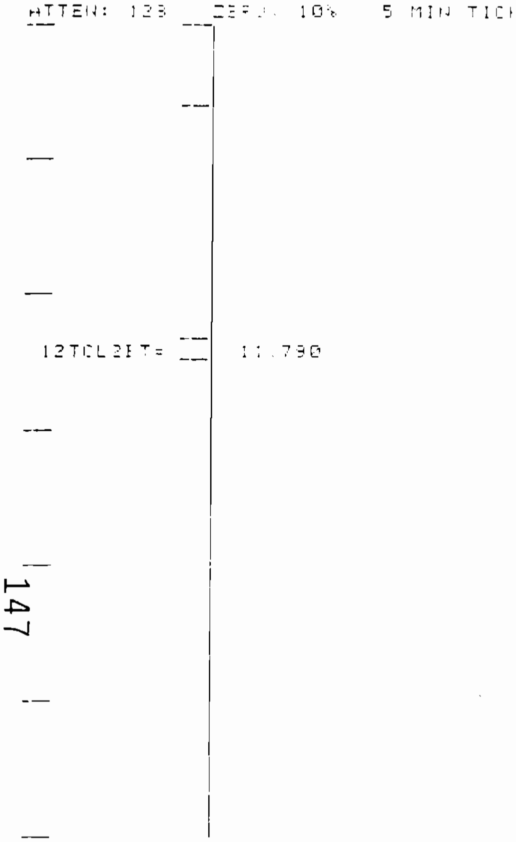
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



147

55

TITLE: EPA METHOD 601 22:07 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12604 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.06	11.790	1675	BB
TOTALS:		0.06		1675	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V100

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-1S AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R050
ERCO ID	12605
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

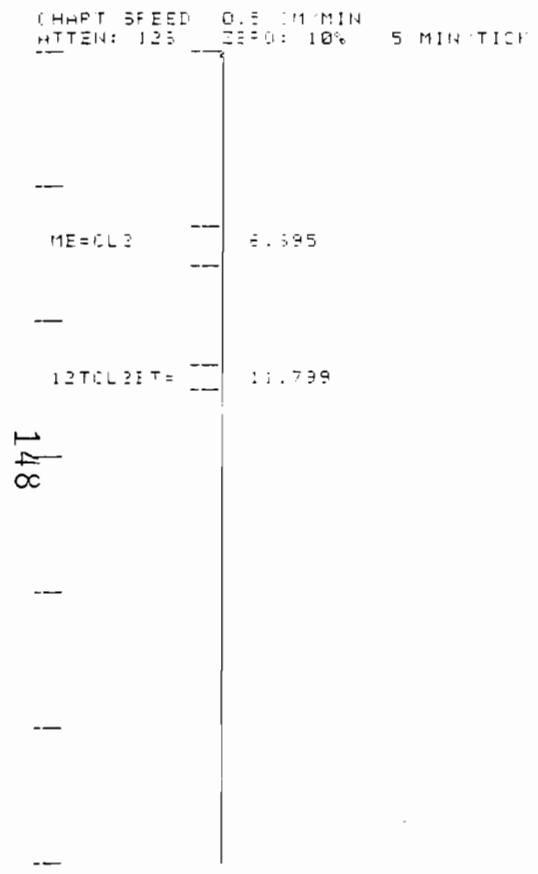
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JFK



148

55

TITLE: EPA METHOD 601 22:56 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12605 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.28	6.695P	3736	BB
2	CHCL3	0.08	11.799	2024	BB
TOTALS:		0.36		5760	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V101

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND TRAP FLOWS = 40 ML/MIN
VICI AUTOSAMPLER

1

CLIENT	General Electric
CLIENT ID	R051
ERCO ID	12693
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	2.9	1
23V	Chloroform	2.6	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	420	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

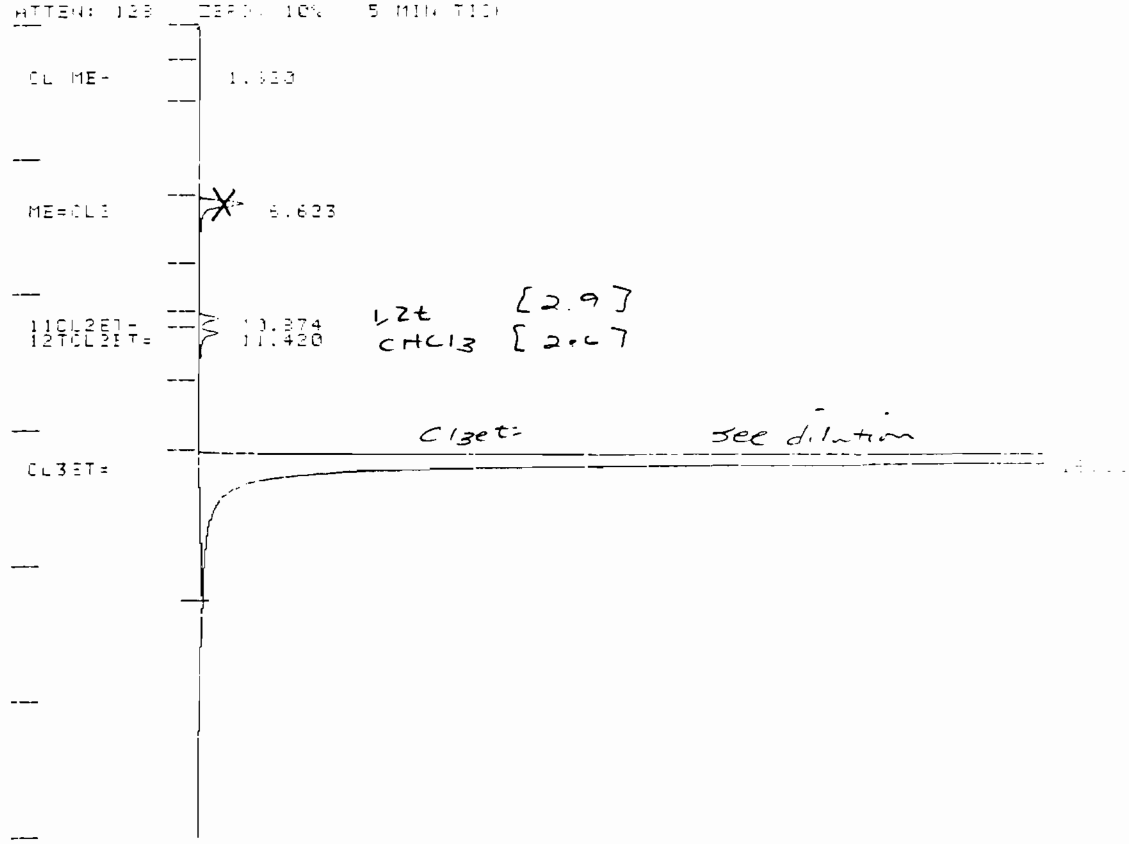
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TIC



TITLE: EPA METHOD 601 21:50 3 JAN 84

CHANNEL NO: 3 SAMPLE: 12693 5ML METHOD: 601/

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	0.55	1.620	5962	BB
2	ME=CL2	9.28	6.623P	124366	BB
3	12TCL2ET=	2.12	10.874	39140	BV
4		0.00	11.420	[illegible]	VB
5	CL3ET=	475.19	16.108	9051920	BB

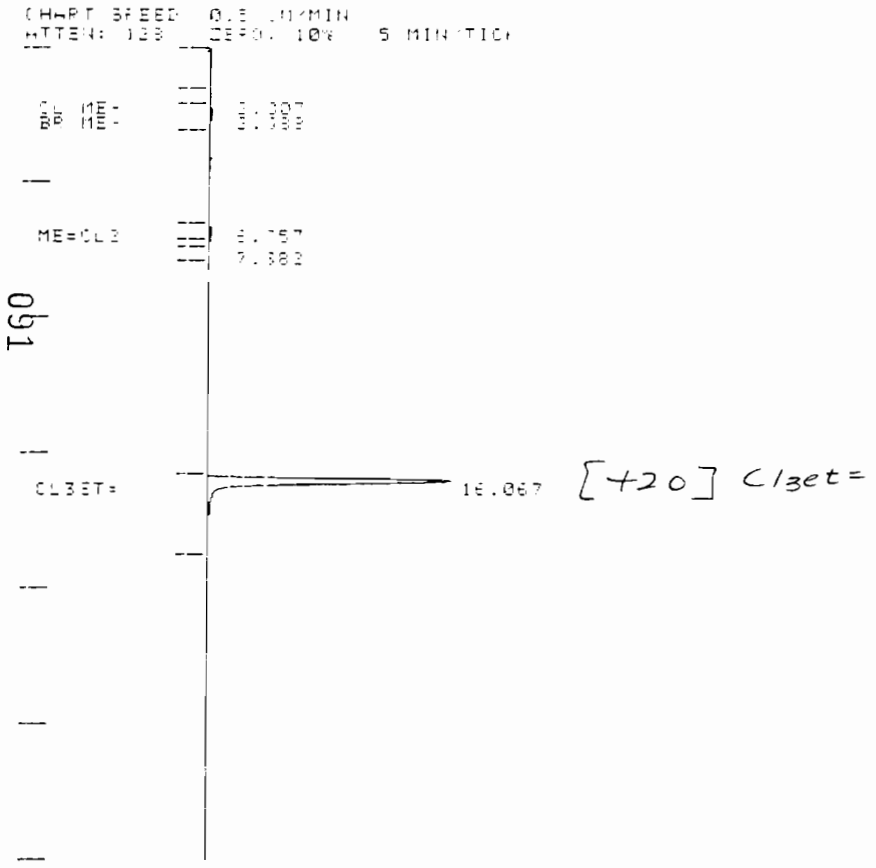
078

TOTALS: 487.14 9570520

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V047

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER



TITLE: EPA METHOD 601 11:40 4 JAN 85

CHANNEL NO: 3 SAMPLE: 12593 500UL METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME=	0.96	2.007	1033	BV
2	BR ME=	18.13	2.583	6906	VB
3	ME=CL2	3.86	6.757P	5174	BV
4		0.00	7.089	1479	VV
5	CL3ET=	232.42	16.067	57413	BB
TOTALS:		255.36		72004	

DIVISOR: 1.00000 MULTIPLIER: 10.0000

SAVED FILE: 601V007

NOTES:
EPA METHOD 601
VARIAN 3700GC TRIOP 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60/80 CP-B
45°/3' 8° MIN TO 220°/15'
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOCAL-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R052
ERCO ID	12694
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/3/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

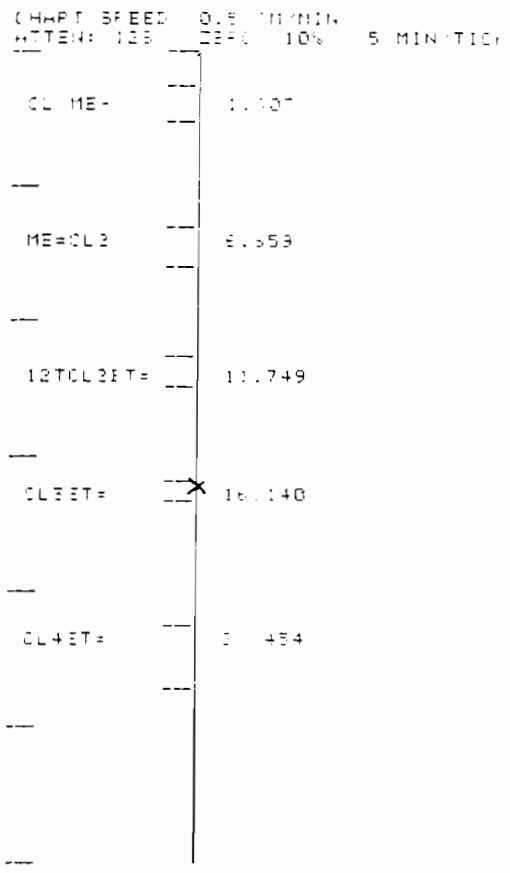
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



079

TITLE: EPA METHOD 601 22:39 3 JAN 84

CHANNEL NO: 3 SAMPLE: 12694 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	0.54	1.607	5843	BB
2	ME=CL2	0.23	6.659P	3030	BB
3	CHCL3	0.11	11.749	3027	BB
4	CL3ET=	0.22	16.140	4333	BB
5	CL4ET=	0.21	21.454	4316	BB
TOTALS:		1.31		20549	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V043

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3° 8° MIN) TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R-053	
ERCO ID	11746	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/7/84	
ANALYSIS COMPLETED	12/18/84	EPA 601 METHOD
RESULTS IN	ug/L (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform ----------	*	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

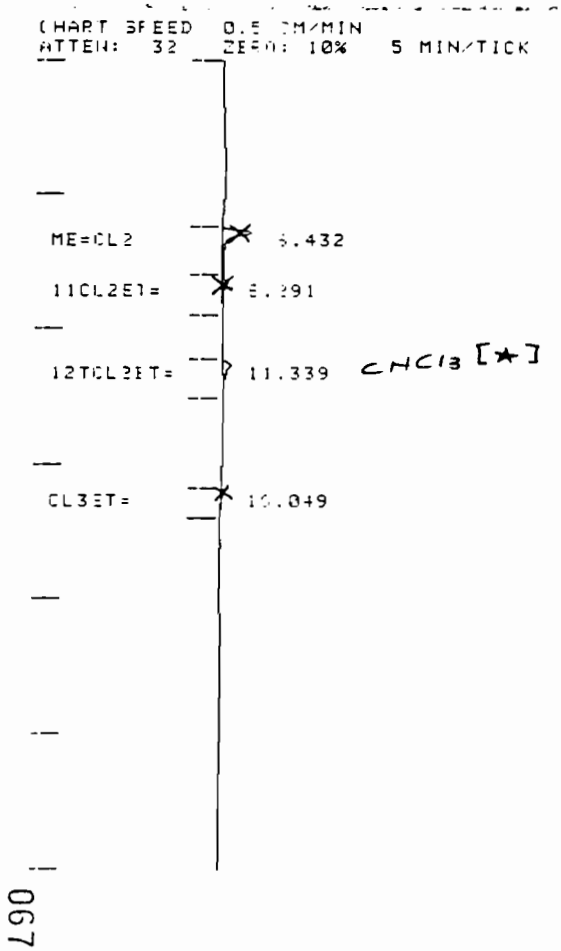
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MT

Checked by: TFM



067

RECALC
TITLE: EPA METHOD 601 18:36 18 DEC 84

CHANNEL NO: 3 SAMPLE: 11746 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	1.39	6.432R	18612	BV
2	11CL2ET=	0.24	8.291	4440	VB
3	CHCL3	0.28	11.339	7608	BB
4	CL3ET=	0.12	16.049	2380	BB
TOTALS:		2.03		33040	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS CCL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R-054
ERCO ID	11747
SAMPLE RECEIVED	12/7/84
ANALYSIS COMPLETED	12/18/84
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

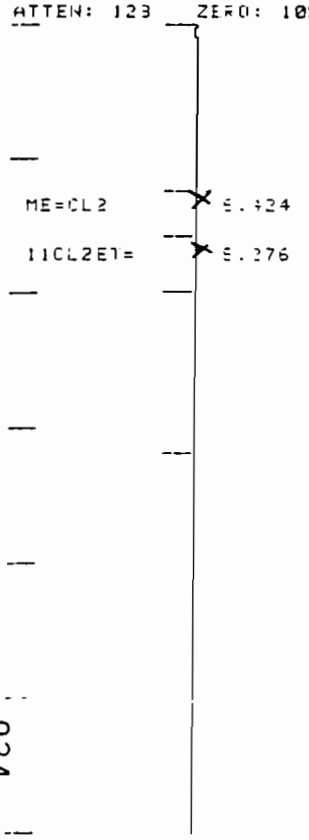
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WTH

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128   ZERO: 10%   5 MIN/TICK



TITLE: EPA METHOD 601 19:26 18 DEC 84

CHANNEL NO: 3 SAMPLE: 11747 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	1.51	6.424R	20238	BV
2	11CL2E1=	0.83	8.276	15277	VB
TOTALS:		2.34		35515	

DIVISOR: 1.000000 MULTIPLIER: 1.00000

CLIENT	General Electric
CLIENT ID	R055
ERCO ID	12695
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

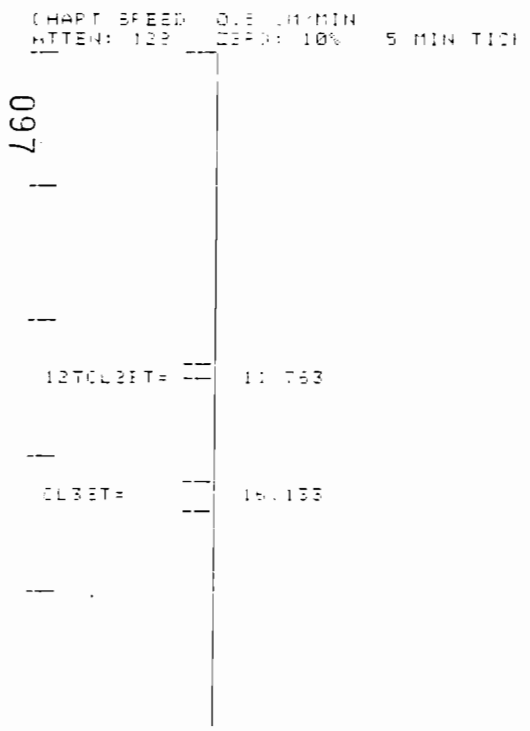
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]



TITLE: EPA METHOD 601 13:53 4 JAN 84

CHANNEL NO: 3 SAMPLE: 12695 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEAK COUNTS	SEP CODE
1	CLUENE=	0.09	16.133	1857	EE

TOTALS: 0.09 1857

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601.00.0

ERRORS:
PEAK PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC PHASOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI AUTOC-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	R056	
ERCO ID	12696	VOLATILE COMPOUNDS
SAMPLE RECEIVED	12/18/84	
ANALYSIS COMPLETED	1/4/85	EPA 601 METHOD
RESULTS IN	ug/l (ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

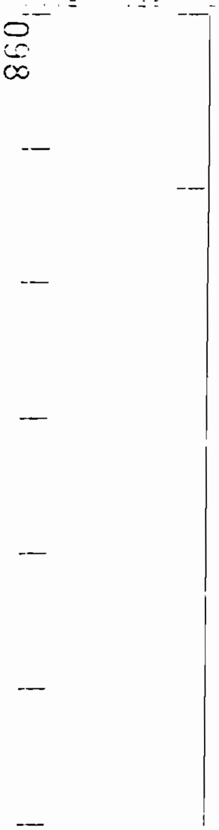
ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]

CHART SPEED 0.5 CM MIN

860



TITLE: EPA METHOD 601 14:37 4 JAN ~~84~~ 85

CHANNEL NO: 3 SAMPLE: 12696 5ML METHOD: 601V

PEAK NO	PIA NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
TOTALS:		0.00		0	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V0J1

ERRORS:
NO PEAKS

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-13 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R057
ERCO ID	12606
SAMPLE RECEIVED	12/21/84
ANALYSIS COMPLETED	1/7/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

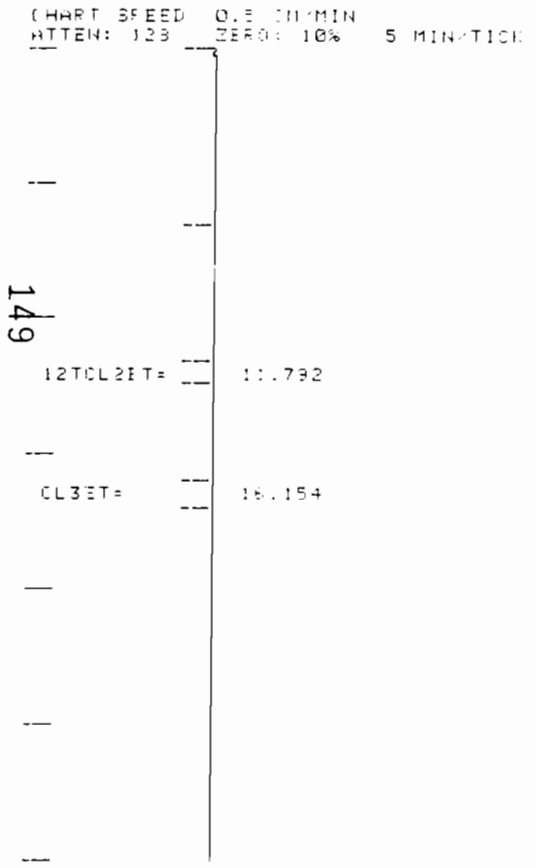
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



TITLE: EPA METHOD 601 23:46 7 JAN 84

CHANNEL NO: 3 SAMPLE: 12606 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CHCL3	0.07	11.792	1876	BB
2	CL3ET=	0.07	16.154	1463	BB
TOTALS:		0.14		3339	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V103

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC PHCOP 700HALL
8'X 1.8"SS OCL 1%SP-1000 0/4 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI METC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	R058
ERCO ID	12697
SAMPLE RECEIVED	12/18/84
ANALYSIS COMPLETED	1/4/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

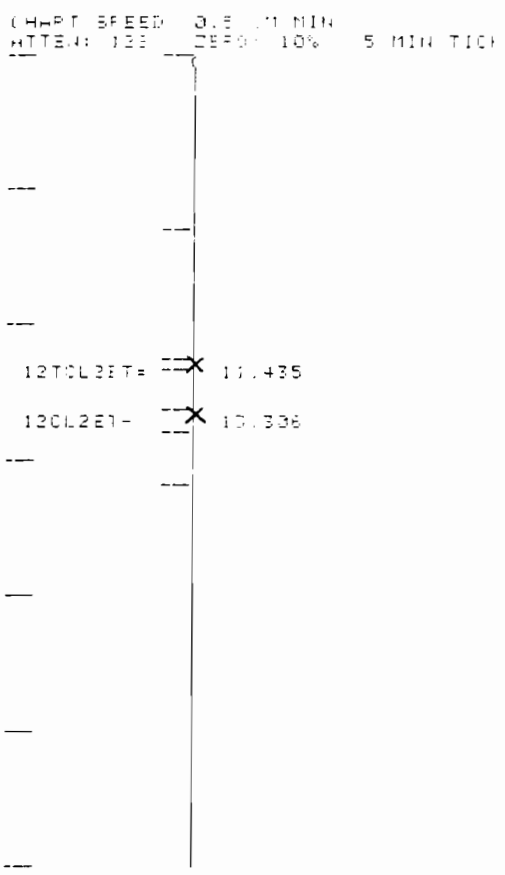
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]

660



TITLE: EPA METHOD 601 15:25 4 JAN 85

CHANNEL NO: 3 SAMPLE: 12697 5ML METHOD: 601

PEAK NO	PEA NAME	RESULT PPB	TIME (MIN)	APEA COUNTS	SEP CODE
1	111CL3ET-	0.33	13.306	6652	BB
TOTALS:		0.33		6652	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V012

EPROPS:
REF PEA NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC PACKOP 700HALL
8' X 1/8"SS COL 1%SP-1000 ON 60 80 CP-B
45°/3' 8° MIN TO 220°/15'
PURGE AND TRAPPER FLOWS = 40 ML/MIN
VICI AUTO-1-16 AUTOSAMPLER

100

CLIENT	General Electric
CLIENT ID	R059
ERCO ID	12633
SAMPLE RECEIVED	12/27/84
ANALYSIS COMPLETED	1/10/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	1.8	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

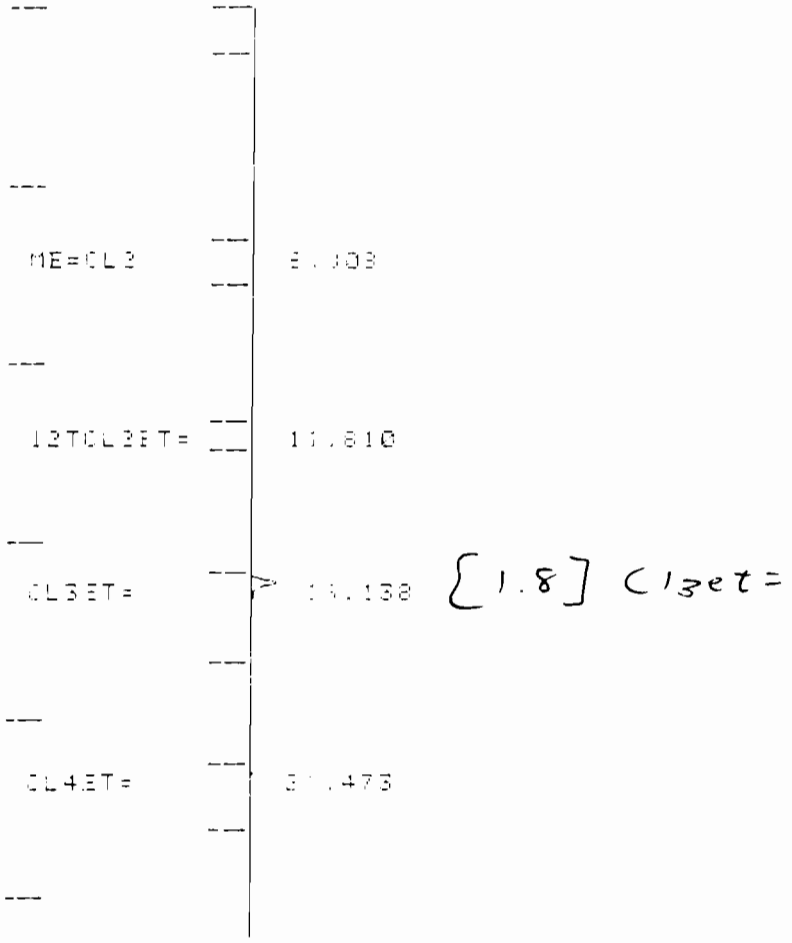
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WTH

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 REJ 10% 5 MIN TICK



[1.8] Cl3et =

TITLE: EPA METHOD 601 8:26 10 JAN 95

CHANNEL NO: 3 SAMPLE: 12633 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.21	8.808P	2771	BB
2	CHCL3	0.06	11.810	1717	BB
3	CL3ET=	2.24	16.138	44015	BB
4	CHBR3	0.56	21.473	4090	BB
TOTALS:		3.09		52593	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: 601V

NOTES:
EPA METHOD 601
VARIAN 3700GC T-ADAP 700HALL
8'X 1/8"SS CCL (%SP-1000 ON 60 80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CHEMSEP FLOWS = 40 ML/MIN
VICI AI3C-1-1S AUTOSAMPLER

034

CLIENT	General Electric
CLIENT ID	R060
ERCO ID	12634
SAMPLE RECEIVED	12/27/84
ANALYSIS COMPLETED	1/10/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

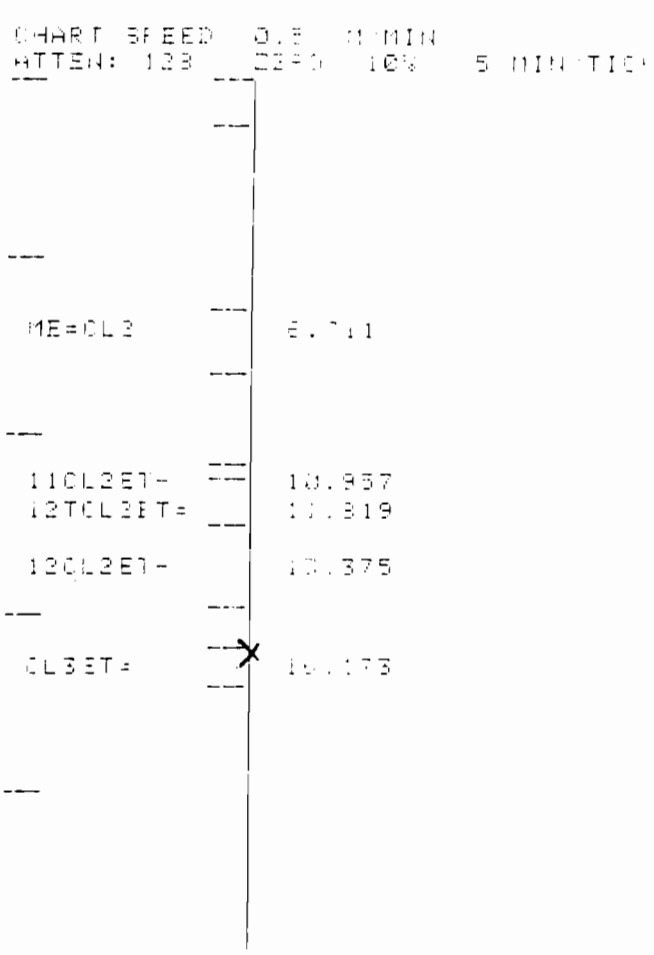
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WTH

Checked by: JFM



TITLE: EPA METHOD 601 9:04 10 JAN 93

CHANNEL NO: 3 SAMPLE: 12634 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.31	6.711R	4154	BB
2	CHCL3	0.13	11.819	3458	VV
3	111CL3ET-	0.17	13.375	3535	VB
4	CL3ET=	0.17	16.173	3336	BB
TOTALS:		0.78		14483	

DIVISOR: 1.00000 MULTIPLIER: 1.00000

SAVED FILE: [illegible]

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8'SS OV-1 &SP-1000 ON 60/80 CP-B
45°(3) 8° MIN, TO 220°(15)
PURGE AND TRAP EP FLOWS = 40 ML MIN
VICI AUTOC-1-16 AUTOSAMPLER

ANALYTICAL RESULTS
GROUNDWATER MONITORING

X SERIES

JANUARY 15 - 17 1985

SAMPLE IDENTIFICATION KEY

Sample Code	Sampling Date	Time	Location
X001	1/15/85	1445 hrs.	DGC-23D
X002	1/15/85	1543 hrs.	DGC-23I
X003	1/15/85	1640 hrs.	DGC-23S
X004	1/17/85	1535 hrs.	DGC-24D
X005	1/17/85	1230 hrs.	DGC-24I
X006	1/17/85	1620 hrs.	DGC-24S
X007	1/15/85	1045 hrs.	DGC-25Ia
X008	1/15/85	1200 hrs.	DGC-25Ib
X009	1/16/85	1215 hrs.	TM2
X010	1/16/85	1500 hrs.	TM5
X011	1/16/85	1600 hrs.	TMC
X012	1/17/85	1150 hrs.	FE-1
X013	1/17/85	1615 hrs.	Distilled water
X014	1/15/85	1543 hrs.	DGC-23I (dup.)
X015	1/15/85	1200 hrs.	DGC-25Ib (dup.)
X017	1/15/85	1345 hrs.	DGC-23D from top of well at beginning of pumping

Sample Received: 1/18/85
Analysis Completed: 1/24/85
Results in: ug/l (ppb)
Reported by: JFM
Checked by: VS

Client: General Electric

ERCO / A Division of ENSECO
VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 624
- Data Report -

COMPOUNDS	Minimum Reporting Limit	Client ID: / ERCO ID:	X-001 13276	X-002 13277	X-003 13278	X-004 13279
Chloromethane	2		ND	ND	ND	ND
Bromomethane	2		ND	ND	ND	ND
Vinyl chloride	2		ND	ND	ND	ND
Chloroethane	2		ND	ND	ND	ND
Methylene chloride	2		ND	ND	ND	ND
Acetone	2		ND	ND	ND	ND
Carbon disulfide	2		ND	ND	ND	ND
1,1-dichloroethene	2		ND	ND	ND	ND
1,1-dichloroethane	2		ND	ND	ND	ND
Trans-1,2-dichloroethene	2		ND	ND	ND	ND
Chloroform	2		ND	ND	ND	ND
1,2-dichloroethane	2		ND	ND	ND	ND
2-Butanone	2		ND	ND	ND	ND
1,1,1-trichloroethane	2		ND	ND	ND	ND
Carbon tetrachloride	2		ND	ND	ND	ND
Vinyl acetate	2		ND	ND	ND	ND
Bromodichloromethane	2		ND	ND	ND	ND
1,2-dichloropropane	2		ND	ND	ND	ND
Trans-1,3-dichloropropene	2		ND	ND	ND	ND
Trichloroethene	2		ND	ND	ND	ND
Dibromochloromethane	2		ND	ND	ND	ND
1,1,2-trichloroethane	2		ND	ND	ND	ND
Benzene	2		ND	ND	ND	ND
Cis-1,3-dichloropropene	2		ND	ND	ND	ND
2-Chloroethylvinylether	2		ND	ND	ND	ND
Bromoform	2		ND	ND	ND	ND
2-Hexanone	2		ND	ND	ND	ND
4-Methyl-2-pentanone	2		ND	ND	ND	ND
Tetrachloroethene	2		ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	2		ND	ND	ND	ND
Toluene	2		ND	ND	ND	ND
Chlorobenzene	2		ND	ND	ND	ND
Ethylbenzene	2		ND	ND	ND	ND
Styrene	2		ND	ND	ND	ND
Total xylenes	2		ND	ND	ND	ND

ND = Not detected.

ERCO / A Division of ENSECO

VOLATILE ORGANICS ANALYSIS

BY EPA METHOD 624

- Data Report -

Client: General Electric

COMPOUNDS	Minimum Reporting Limit	Client ID: ERCO ID:	X-001 13276	X-002 13277	X-003 13278	X-004 13279
Additional Compounds						
None detected						
Dilution factor:			1	1	1	1

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

* = Trace concentrations detected below minimum reporting limit.

QUANT REPORT

Operator ID: JACK Quant Time: 850 [illegible]

Injected at: 850124 02:05

Data File: >6434::N5 Dilution Factor: 1.00

Name: ~~EPA 24 [illegible]~~ G.E. 13276 5 ml

Misc: 8FT1%SP1000 45-220C8/MIN 23JAN85 23JAN85

ID File: VOAID

Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624

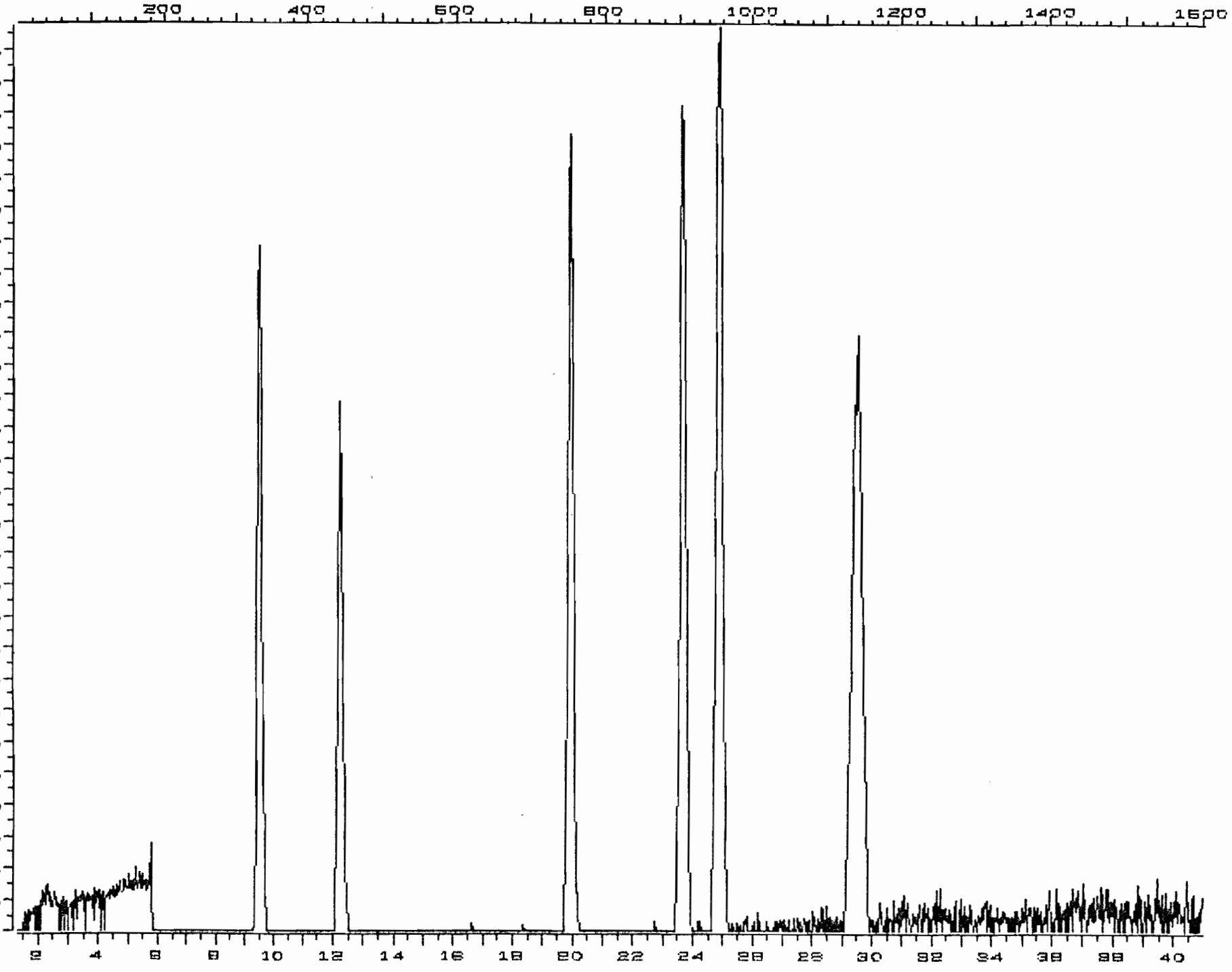
Last Calibration: 850123 16:34

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.51	332	17076	50.00	UG/L
15)	D4-1,2-DICHLOROETHANE	12.26	443	34237	52.30	UG/L
16)	*1,4-DIFLUOROBENZENE	19.93	754	44062	50.00	UG/L
31)	*D5-CHLOROBENZENE	24.86	903	43234	50.00	UG/L
37)	D8-TOLUENE	23.64	923	28365	52.36	UG/L
43)	BROMOFLUOROBENZENE (BFB)	29.46	1136	36570	50.86	UG/L

* Compound is ISTD

File >8454 35.0-820.0 amu. ~~EPA 34-808~~ TIC BFT1%SP1000 45-220@8/MIN 23JAN85 23JAN85

- - 6454 GE. 13276 5ml RUSH



QUANT REPORT

Operator ID: JACK
Quant Time: 850124 01:38
Injected at: 850124 00:56
Dilution Factor: 1.00

Data File: >6450::N5
Name: ~~EPA 34 003~~ G.E. 13277 5ml
Misc: 8FT1%SP1000 45-220C8/MIN 23JAN85 23JAN85

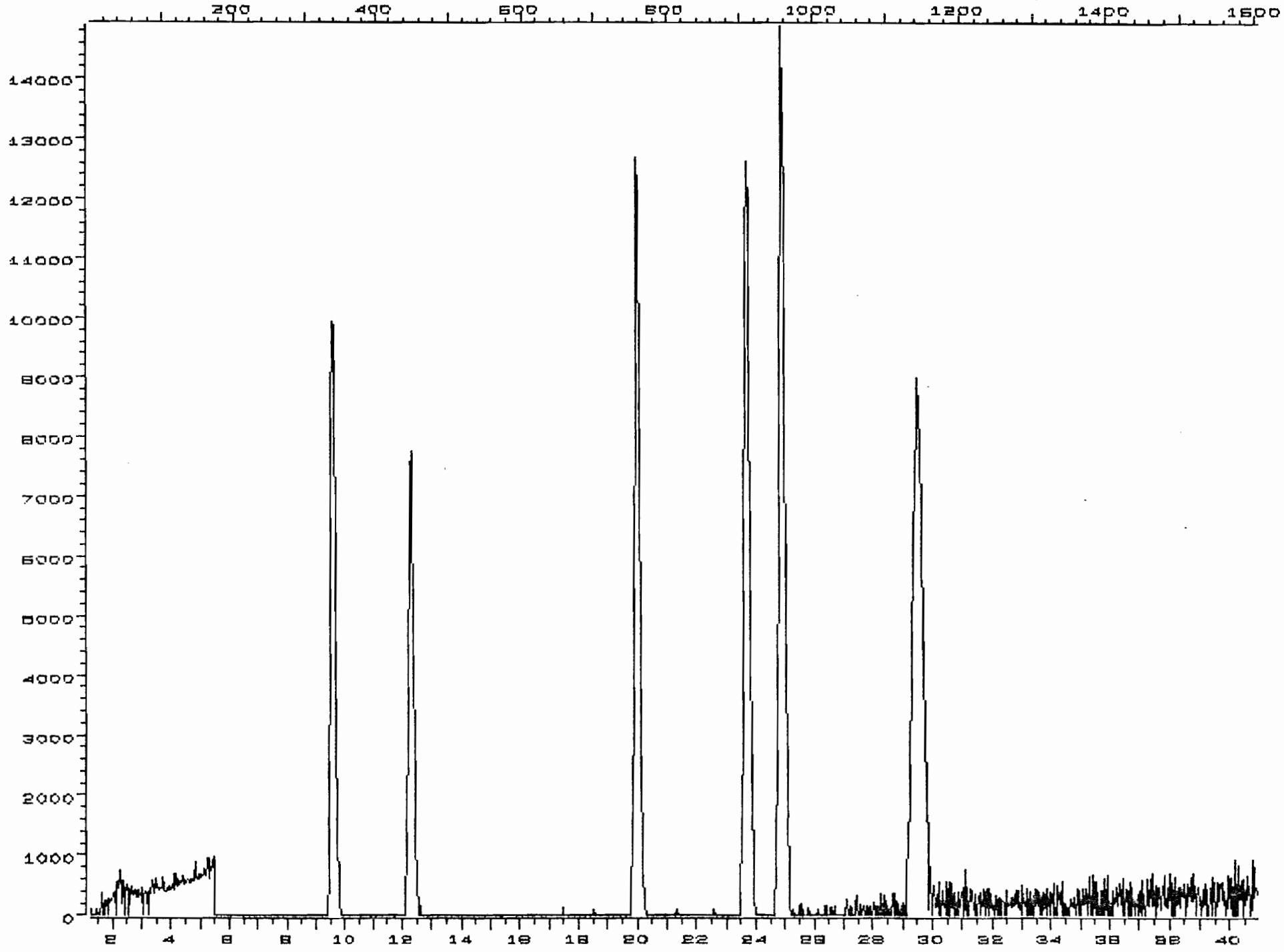
ID File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624
Last Calibration: 850123 16:34

Compound	R.T.	Scan#	Area	Conc	Units
1) *BROMOCHLOROMETHANE	9.59	338	10990	50.00	UG/L
15) D4-1,2-DICHLOROETHANE	12.31	446	32092	53.16	UG/L
16) *1,4-DIFLUOROBENZENE	20.01	759	41014	50.00	UG/L
31) *D5-CHLOROBENZENE	24.89	906	28793	50.00	UG/L
37) D8-TOLUENE	23.70	908	20984	52.92	UG/L
43) BROMOFLUOROBENZENE (BFB)	25.49	1142	34481	53.41	UG/L

* Compound is ISTD

File >8455 35.0-820.0 amu. ~~EPA 34-800~~ TIC 8FT1%SP1000 45-220@8/MIN 23JAN85 23JAN85

6455 G.E. 13277 5ml RUSH



QUANT REPORT

Operator ID: JACK Acq Time: 830124 04:[illegible]
Injected at: 830124 03:50
Data File: >6456::N6 Dilution Factor: 1.00
Name: ~~[illegible]~~ G.E. 13278 5ml
Misc: 8FT1%SP1000 40-220@6/MIN 23JAN83 23JAN83

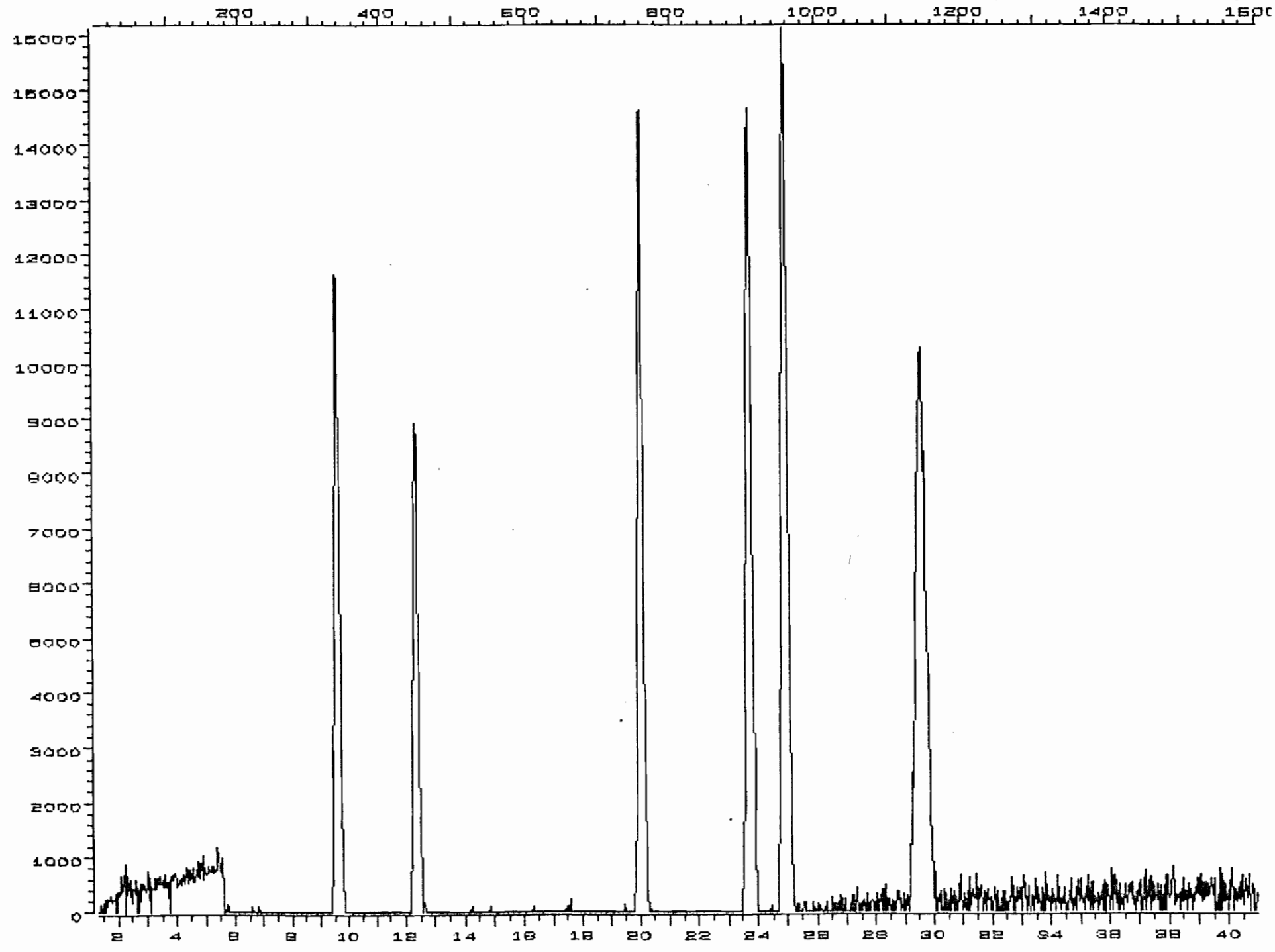
ID File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624
Last Calibration: 830123 16:34

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.61	336	18728	50.00	UG/L
15)	D4-1,2-DICHLOROETHANE	12.36	447	36644	51.05	UG/L
16)	*1,4-DIFLUOROBENZENE	20.03	757	46192	50.00	UG/L
31)	*D5-CHLOROBENZENE	24.93	955	40232	50.00	UG/L
37)	D8-TOLUENE	23.74	907	31532	55.94	UG/L
42)	BROMOFLUOROBENZENE (BFB)	[illegible]	1140	42483	[illegible]	UG/L

* Compound is ISTD

File >8458 35.0-920.0 amu. ~~EPA 84-845 B EML~~ TIC BFT1%SP1000 45-220@8/MIN 23JAN85 25JAN85

6458 G.E. 13278 RUSH



[illegible]

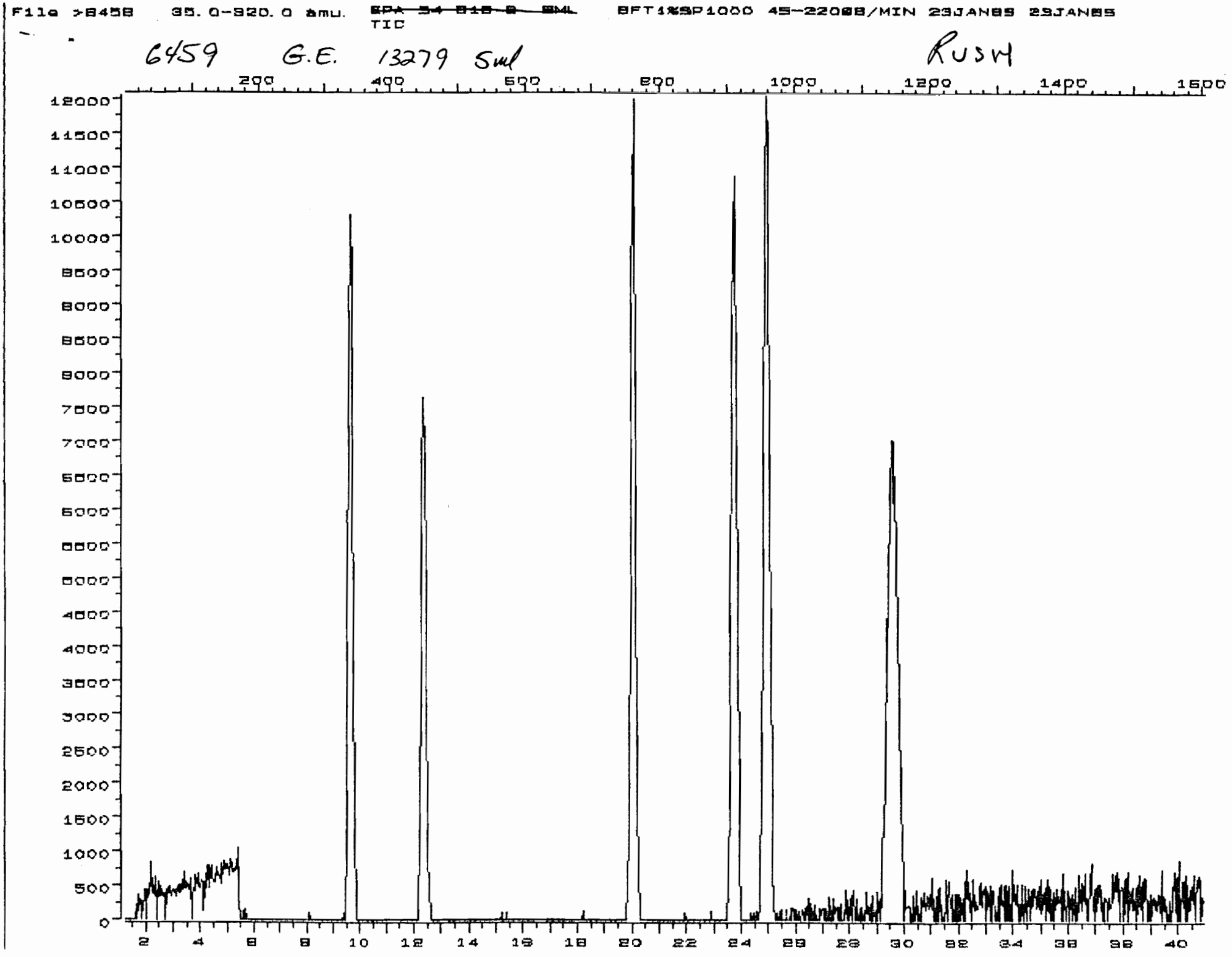
Operator ID: JAD | Quant Time: [illegible]
Injected at: [illegible]
Dilution Factor: [illegible]

Data File: >6459::N6
Name: ~~[illegible]~~ G.E. 6459 5ml
Misc: 6FT 1%SP1000 40-220C 8C/MIN [illegible]

ID File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624
Last Calibration: 850123 16:34

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.62	339	16833	50.00	UG/L
10)	D4-1,2-DICHLOROETHANE	12.36	430	38410	[illegible]	UG/L
16)	*1,4-DIFLUOROBENZENE	20.04	752	48484	50.00	UG/L
31)	*D5-CHLOROBENZENE	24.31	907	37608	[illegible]	UG/L
37)	D8-TOLUENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42)	BROMOFLUOROBENZENE (SS)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* Compound is ISTD


File >8458 35.0-920.0 amu. ~~EPA 54 818 8 8ML~~ BFT1%SP1000 45-220@8/MIN 23JAN85 23JAN85
TIC
6459 G.E. 13279 5ml
RUSH
200
400
600
800
1000
1200
1400
1600
12000
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40

Sample Received: 1/18/85
Analysis Completed: 1/28/85
Results in: ug/l (ppb)
Reported by: JFM
Checked by: NS

Client: General Electric

ERCO / A Division of ENSECO
VOLATILE ORGANICS ANALYSIS
BY EPA METHOD 624
- Data Report -

COMPOUNDS	Minimum Reporting Limit	Client ID: ERCO ID:	X-005 13280	X-006 13281	X-017 13291
Chloromethane	2		ND	ND	ND
Bromomethane	2		ND	ND	ND
Vinyl chloride	2		ND	ND	ND
Chloroethane	2		ND	ND	ND
Methylene chloride	2		ND	ND	ND
Acetone	2		ND	ND	ND
Carbon disulfide	2		ND	ND	ND
1,1-dichloroethene	2		ND	ND	ND
1,1-dichloroethane	2		ND	ND	ND
Trans-1,2-dichloroethene	2		ND	ND	ND
Chloroform	2		ND	ND	ND
1,2-dichloroethane	2		ND	ND	ND
2-Butanone	2		ND	ND	ND
1,1,1-trichloroethane	2		ND	ND	ND
Carbon tetrachloride	2		ND	ND	ND
Vinyl acetate	2		ND	ND	ND
Bromodichloromethane	2		ND	ND	ND
1,2-dichloropropane	2		ND	ND	ND
Trans-1,3-dichloropropene	2		ND	ND	ND
Trichloroethene	2		ND	ND	ND
Dibromochloromethane	2		ND	ND	ND
1,1,2-trichloroethane	2		ND	ND	ND
Benzene	2		ND	ND	ND
Cis-1,3-dichloropropene	2		ND	ND	ND
2-Chloroethylvinylether	2		ND	ND	ND
Bromoform	2		ND	ND	ND
2-Hexanone	2		ND	ND	ND
4-Methyl-2-pentanone	2		ND	ND	ND
Tetrachloroethene	2		ND	ND	ND
1,1,2,2-Tetrachloroethane	2		ND	ND	ND
Toluene	2		ND	ND	ND
Chlorobenzene	2		ND	ND	ND
Ethylbenzene	2		ND	ND	ND
Styrene	2		ND	ND	ND
Total xylenes	2		ND	ND	ND

ND = Not detected.

ERCO / A Division of ENSECO

VOLATILE ORGANICS ANALYSIS

BY EPA METHOD 624

- Data Report -

Client: General Electric

COMPOUNDS	Minimum Reporting Limit	Client ID: X-005 ERCO ID: 13280	X-006 13281	X-017 13291
Additional Compounds				
None detected				
Dilution factor:		1	1	1

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

* = Trace concentrations detected below minimum reporting limit.

Operator ID: [illegible]

Data File: >6462::[illegible]
Name: ~~[illegible]~~ G.E. 13280 Sul
Misc: 8FT1%SP1000 45-220[illegible]

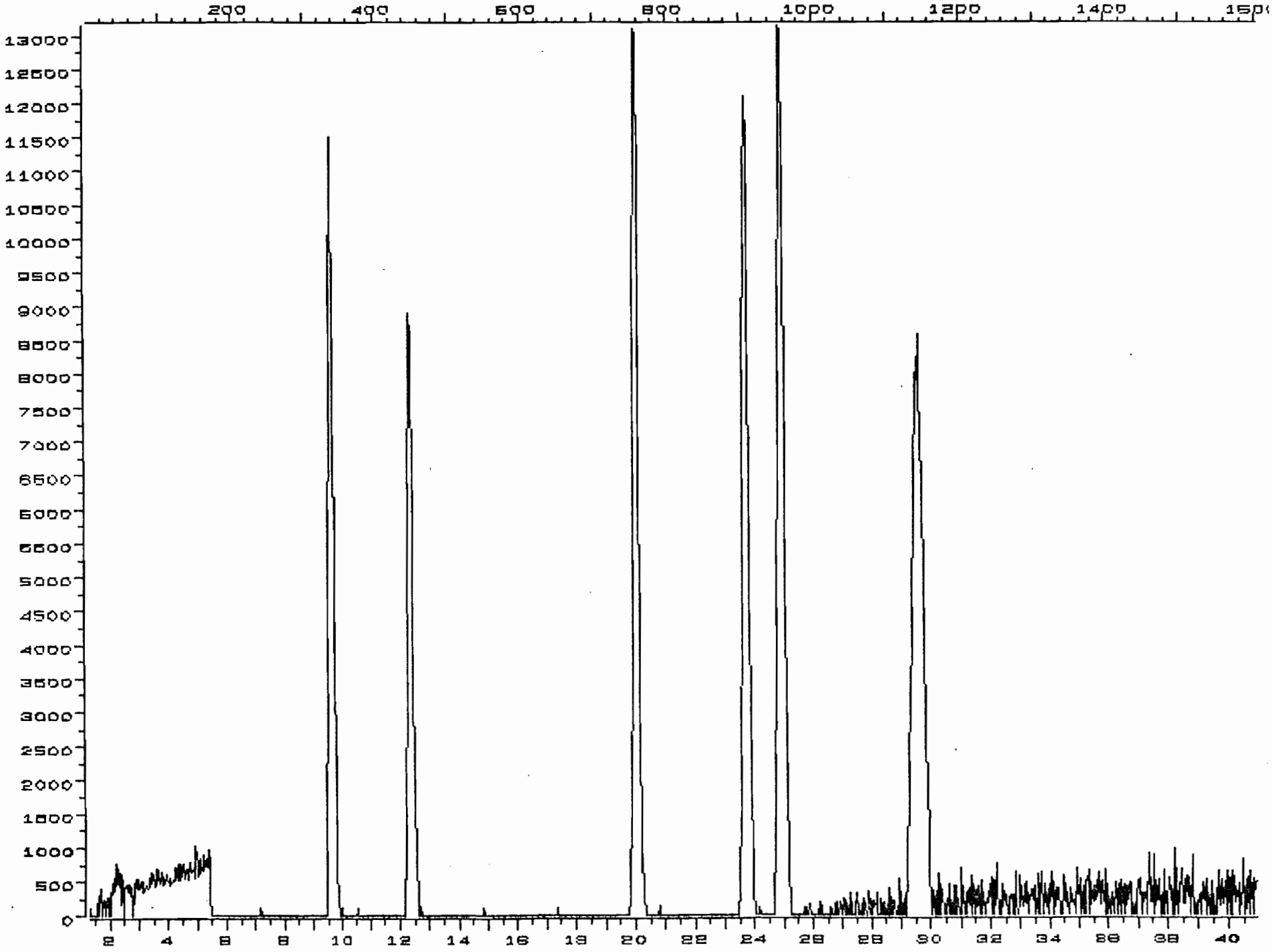
ID File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD [illegible]
Last Calibration: 850123 16:34

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.63	337	18039	[illegible]	UG/L
15)	D4-1,2-DICHLOROETHANE	12.36	447	36274	[illegible].86	UG/L
16)	*1,4-DIFLUOROBENZENE	20.05	756	46063	[illegible]	UG/L
31)	*D5-CHLOROBENZENE	24.93	950	42763	[illegible]	UG/L
37)	D8-TOLUENE	23.74	927	27049	[illegible].58	UG/L
43)	BROMOFLUOROBENZENE (BFB)	25.61	1144	30316	[illegible]	UG/L

* Compound is ISTD

File >8480 35.0-820.0 amu. ~~EPA 34-810~~ TIC SML 8FT1%SP1000 45-220@8/MIN 23JANB5 23JANB5

6460 G.E. 13280 5ml RUSH



QUANT REPORT

Operator ID: JACK

Quant Time: [illegible]
Injected at: [illegible]
Dilution Factor: 1.00

Data File:)6461::N6
Name: ~~[illegible]~~ G.E. 13281 5ml
Misc: 8FT1%SP1000 4D-220DEG/MIN 230ANGD 230ANGD

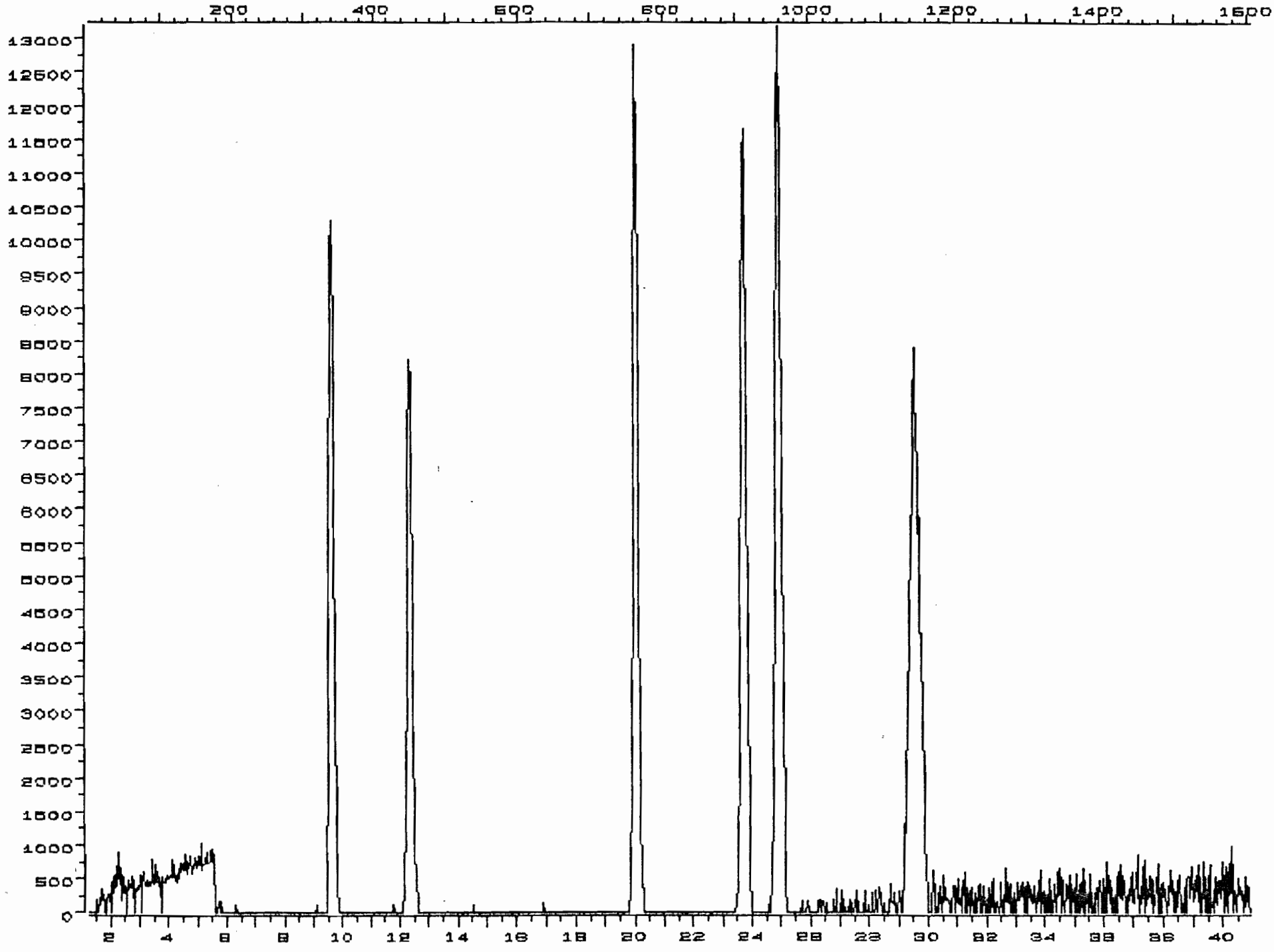
ID File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624
Last Calibration: 850123 16:34

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.64	340	16963	50.00	UG/L
15)	D4-1,2-DICHLOROETHANE	12.36	450	30076	53.54	UG/L
16)	*1,4-DIFLUOROBENZENE	20.04	760	44200	50.00	UG/L
31)	*D5-CHLOROBENZENE	24.31	907	38174	50.00	UG/L
37)	D8-TOLUENE	23.75	910	20911	53.79	UG/L
43)	BROMOFLUOROBENZENE (BFB)	29.04	1144	32451	51.11	UG/L

* Compound is ISTD

F11@ >8481 35.0-820.0 bmu. ~~EPA 54 8I1~~ TIC 5ML 8FT1%SP100D 4S-220@8/MIN 23JAN85 23JAN85

6461 GE. 13281 5ml RUSH



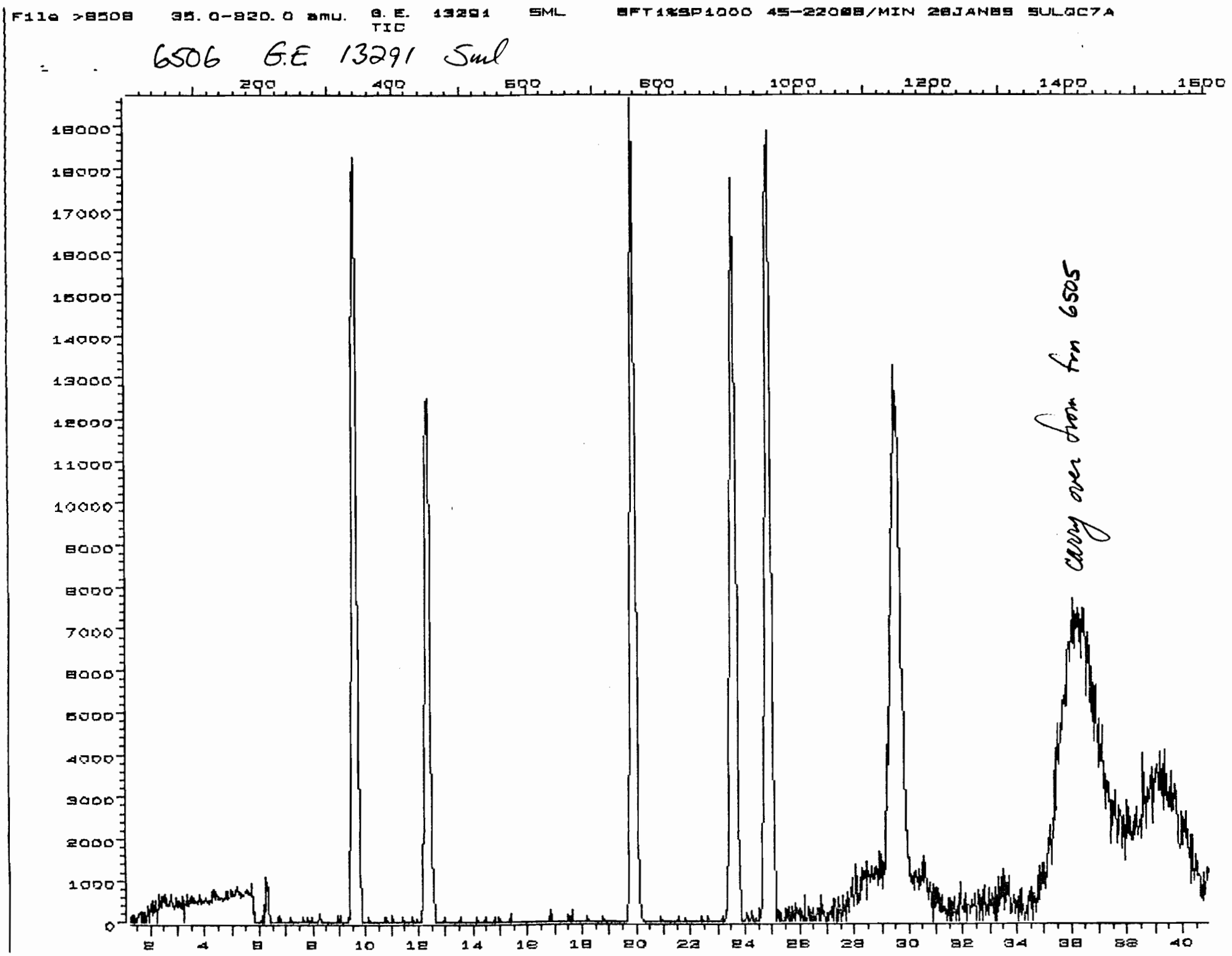
QUANT REPORT

)perator ID: NANCY Quant Time: 850128 23:04
Injected at: 850128 22:23
)ata File: >6506::N7 Dilution Factor: 1.000
Name: G.E. 13291 5ML
Misc: 8FT1%SP1000 45-220@8/MIN 28JAN85 5ULQC7A

CD File: VOAID
Title: VOLATILE ORGANICS ID FOR E.P.A. METHOD 624
Last Calibration: 850128 16:49

	Compound	R.T.	Scan#	Area	Conc	Units
1)	*BROMOCHLOROMETHANE	9.62	339	34507	50.00	UG/L
15)	D4-1,2-DICHLOROETHANE	12.36	450	48710	50.55	UG/L
16)	*1,4-DIFLUOROBENZENE	19.91	755	69786	50.00	UG/L
31)	*D5-CHLOROBENZENE	24.91	957	56383	50.00	UG/L
37)	D8-TOLUENE	23.60	904	40154	50.15	UG/L
43)	BROMOFLUOROBENZENE (BFB)	29.54	1144	46589	56.24	UG/L

* Compound is ISTD


F11@ >8508 35.0-820.0 amu. G.E. 13291 SML 8FT1%SP1000 45-220@8/MIN 28JAN88 SULQC7A
TIC
6506 G.E. 13291 Sml
200
400
500
600
1000
1200
1400
1600
18000
18000
17000
16000
15000
14000
13000
12000
11000
10000
8000
8000
7000
8000
6000
4000
3000
2000
1000
0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
carry over from fm 6505

CLIENT	General Electric
CLIENT ID	X-007
ERCO ID	13282
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/26/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1 .

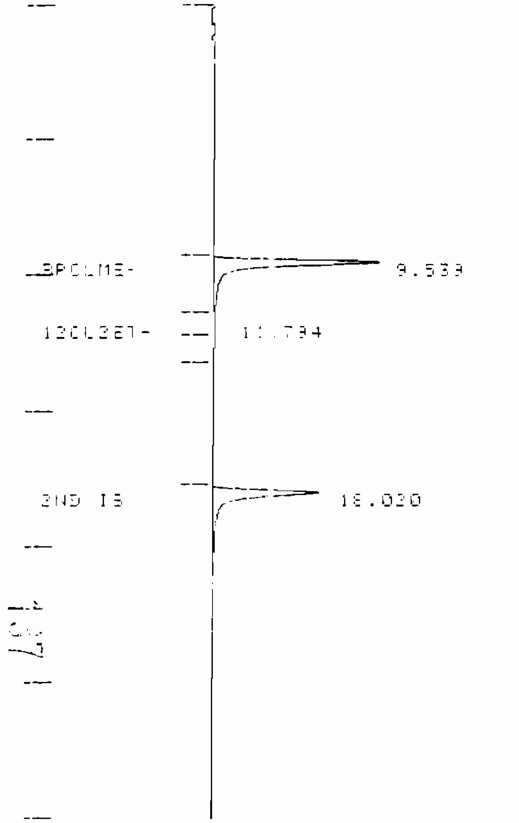
ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MH

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO 10% 5 MIN TIC



TITLE: EPA METHOD 601 17:58 28 JAN 85

CHANNEL NO: 3 SAMPLE: 13282 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	BRCLME-	INT STD	9.539	414749	BV
2	12CL2ET-	0.10	11.794	1958	T
3	2ND IS	22.56	18.020	311899	BB

TOTALS: 22.66 728606

GROUP#	RESULT
1	30.[illegible]3
2	23.5[illegible]

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.[illegible]17

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8" SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CHAMBER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-007 spike
ERCO ID	13292 spike
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/27/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	56 (112%)	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	51 (102%)	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	46 (91%)	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

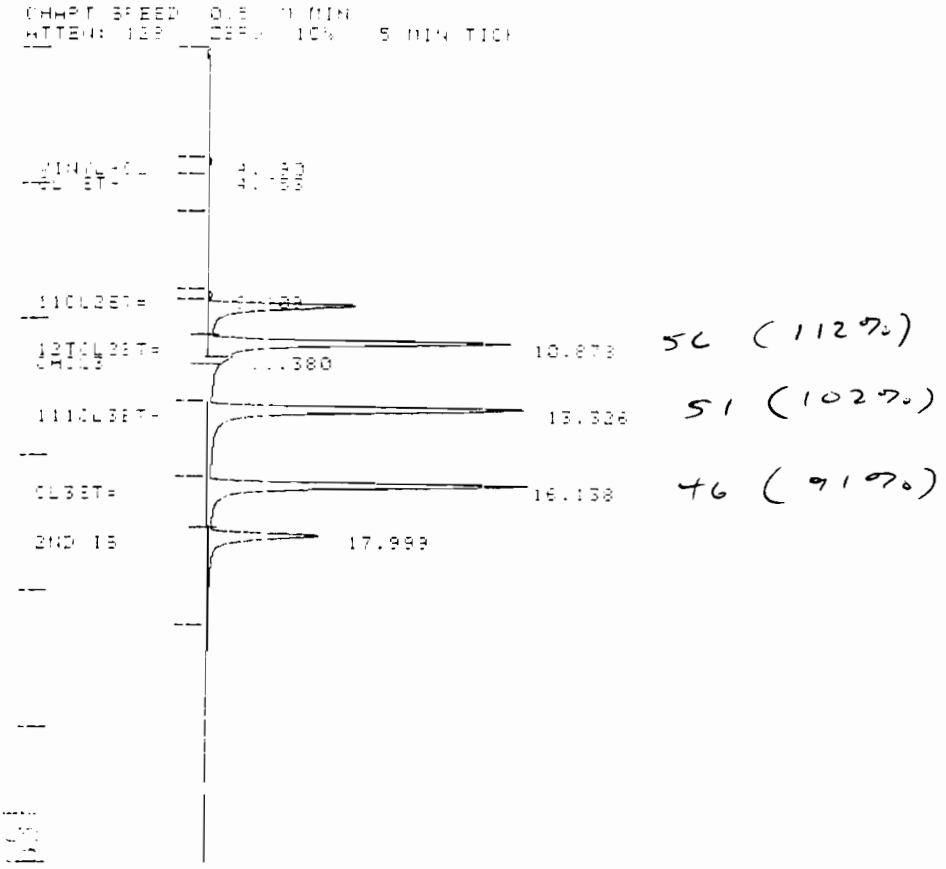
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MT

Checked by: JFM



TITLE: EPA METHOD 601 20:38 27 JAN 95

CHANNEL NO: 2 SAMPLE: 132935 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	VINYL-CL	1.89	4.190	6339	BV
2	CL ET-	0.52	4.753	3487	VE
3	11DCLDET=	0.61	9.109	7017	E
4	BRCLME-	INT STD	9.534	256130	VV
5	12DCLDET=	58.84	10.878	757626	VV
6	CHCL3	0.17	11.380	3288	T
7	111DCLET-	52.00	13.326	778480	VV
8	CLBEN=	34.88	16.138	707796	VV
9	24D TB	36.26	17.999	311733	VE
TOTALS:		175.17		2931900	

GROUP#	RESULT
1	144.00
2	61.17

DIVISOR: 1.00000 INT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC W/HSCOP 700HALL
8'X 1 8'SS OD 1%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CHARGER FLOWS = 40 ML MIN
VICI AUTO-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-008
ERCO ID	13283
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/26/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

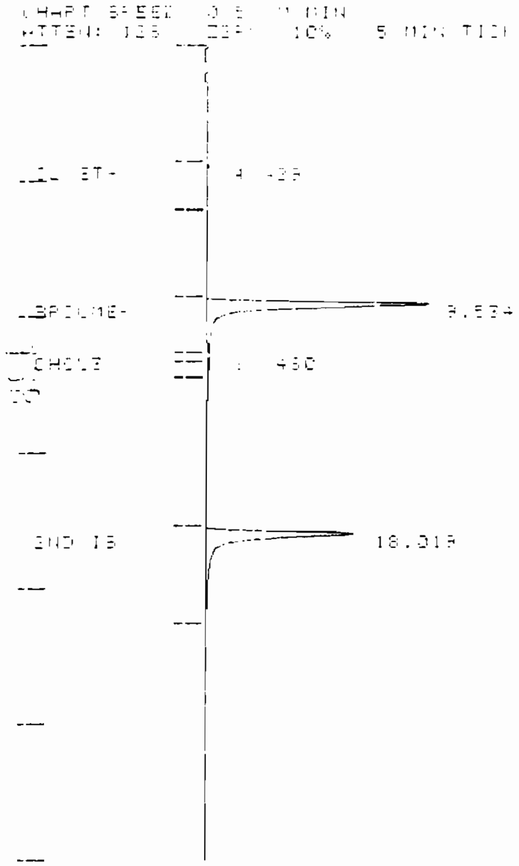
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



TITLE: EPA METHOD 601 18:43 [illegible]

CHANNEL NO: 7 SAMPLE: 13283 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	[illegible] ET-	0.61	4.429	6154	BB
2	BROMOME-	INT STD	9.534	537019	B[illegible]
3	CHCL3	0.04	11.460	1270	T
4	12DCLBET-	0.05	11.754	2231	T
5	2ND IS	23.70	-18.019	424175	BB
TOTALS:		24.44		970849	

GROUP#	RESULT
1	30.75
2	33.[illegible]

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601[illegible]

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8 SS COL 1% SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-18 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-009
ERCO ID	13284
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/26/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

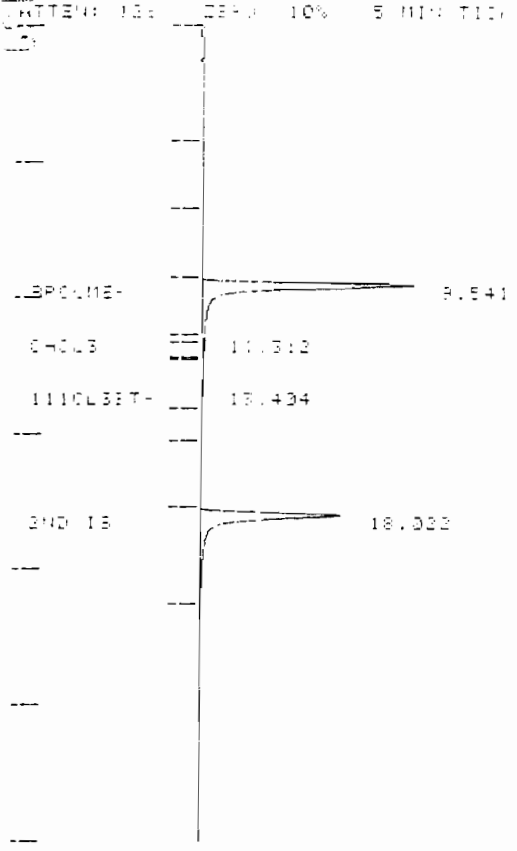
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MR

Checked by: JFM



TITLE: EPA METHOD 601 15:37 28 JAN 88

CHANNEL NO: 3 SAMPLE: 13294 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEAK COUNTS	SEP CODE
1	BPCLME-	INT STD	9.541	563791	BV
2	1?CL2ET-	0.08	11.798	2037	T
3	2ND IS	21.64	18.022	389529	BB
TOTALS:		21.72		955358	

GROUP#	RESULT
1	30.03
2	21.84

DIVISOR: 1.00000 HNT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.113

ERRORS:
PEAK PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRICOR 700HALL
8'X 1 8"SS COL 5%SP-1000 ON 60 80 CP-B
45°(3) 8° MIN TO 220°(15)
PURGE AND CHARTER FLOWS = 40 ML MIN
VICI AT2C-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-010
ERCO ID	13285
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/26/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1 .

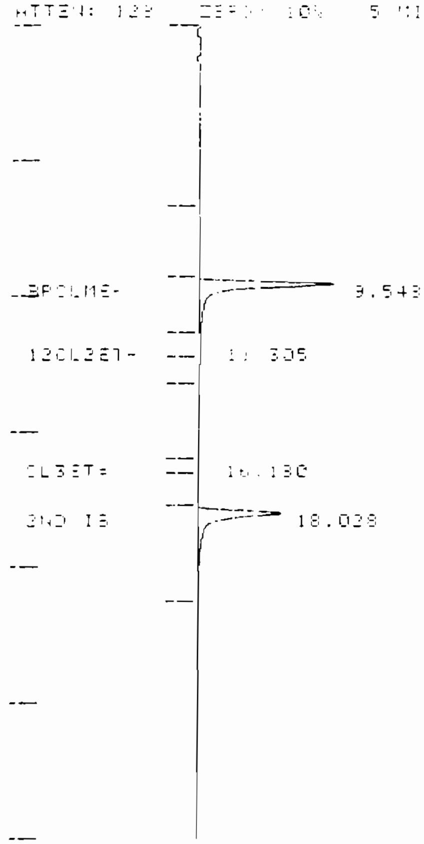
ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



TITLE: EPA METHOD 601 23:27 ?? JAN 85

CHANNEL NO: 3 SAMPLE: 13385 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	BROMOBE-	INT STD	9.548	342088	BV
2	CHCL3	0.10	11.305	1894	T
3	BRDCLME-	0.14	16.180	1569	BB
4	2ND IS	22.29	18.028	254126	BB
TOTALS:		22.53		599977	

GROUP#	RESULT
1	30.13
2	22.48

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601/130

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8 SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-011
ERCO ID	13286
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/27/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

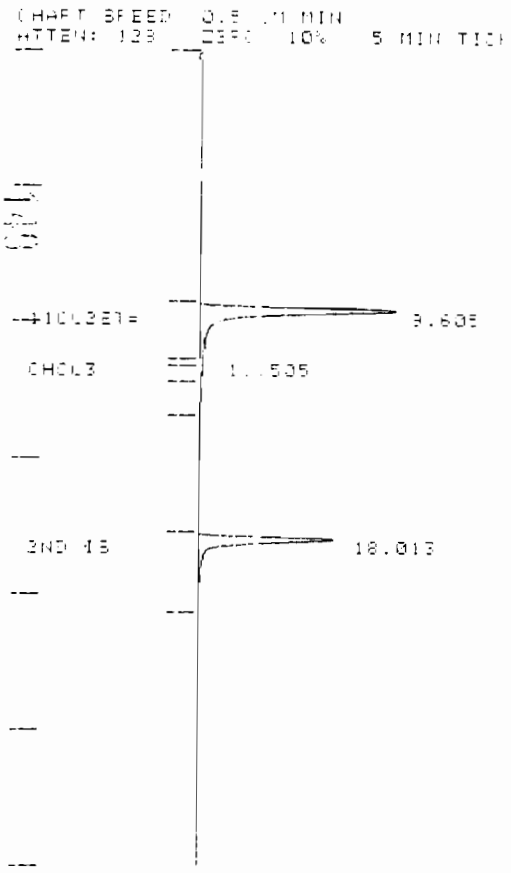
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



TITLE: EPA METHOD 601 14:54 27 JAN 88

CHANNEL NO: 3 SAMPLE: 13386 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	APEAK COUNTS	BP CODE
1	BRCLME-	INT STD	9.605	548029	BV
2	CHCL3	0.09	11.784	2631	T
3	24D IS	17.43	18.013	318478	BB
TOTALS:		17.52		869138	

GROUP#	RESULT
1	30.04
2	17.56

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: S01V136

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS COL 1%SP-1000 ON 60 80 CP-B
45°(3' 8° MIN TO 230°(15)
PURGE AND TRAP FLOWS = 40 ML/MIN
VICI AT30-1-16 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-012
ERCO ID	13287
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/27/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	6.9	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	2.8	1
23V	Chloroform	2.6	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	410	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

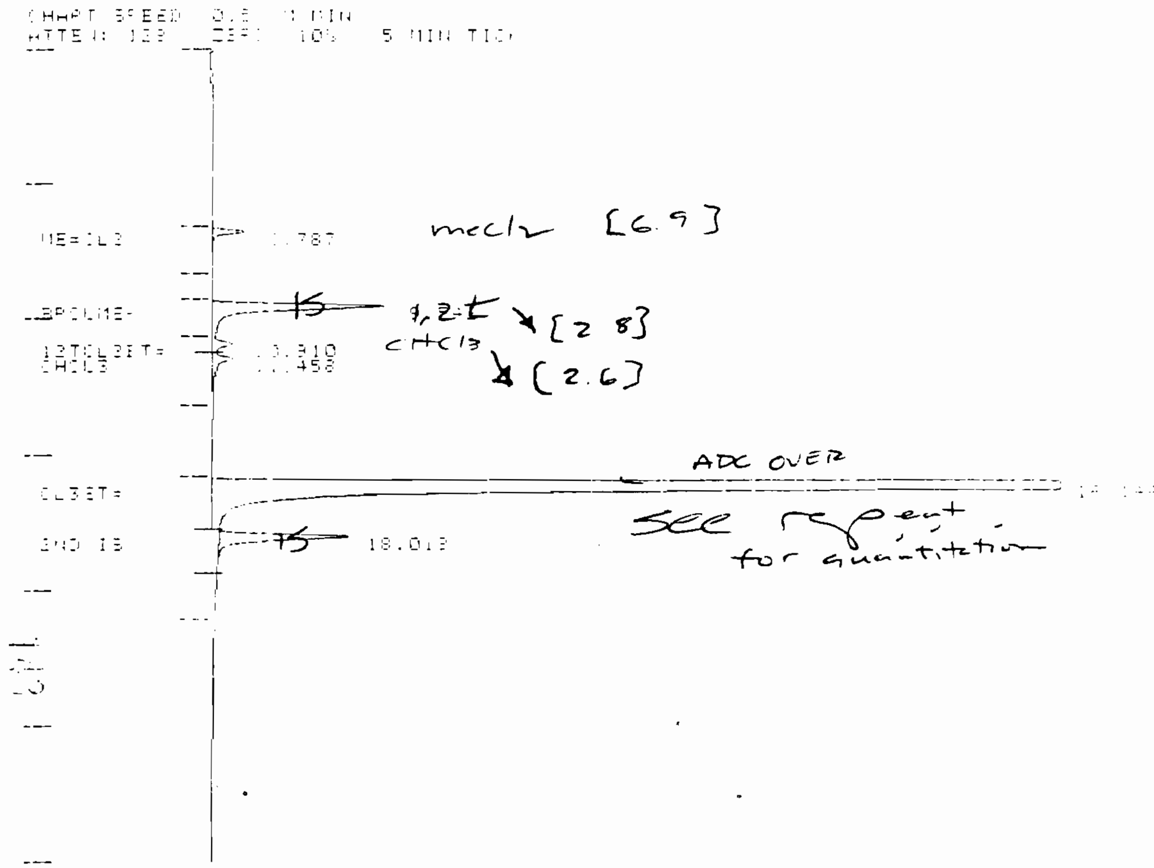
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MH

Checked by: JFM



TITLE: EPA METHOD 601 22:06 26 JAN 88

CHANNEL NO: 3 SAMPLE: 13237 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	MECL2	7.40	6.787F	55847	BB
2	BRCL ME	INT STD	9.542	396525	BV
3	13TCL2ET=	3.18	10.310	45631	VV
4	CHCL3	2.93	11.458	61273	VB
5	CL3ET=	352.67	16.144	7968220	BV
6	2ND IS	20.91	18.018	276333	T
TOTALS:		387.09		8803830	

GROUP#	RESULT
1	43.51
2	373.58

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.002

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700AHALL
8' X 1/8 SS COL 1% SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-1985 AUTOSAMPLER

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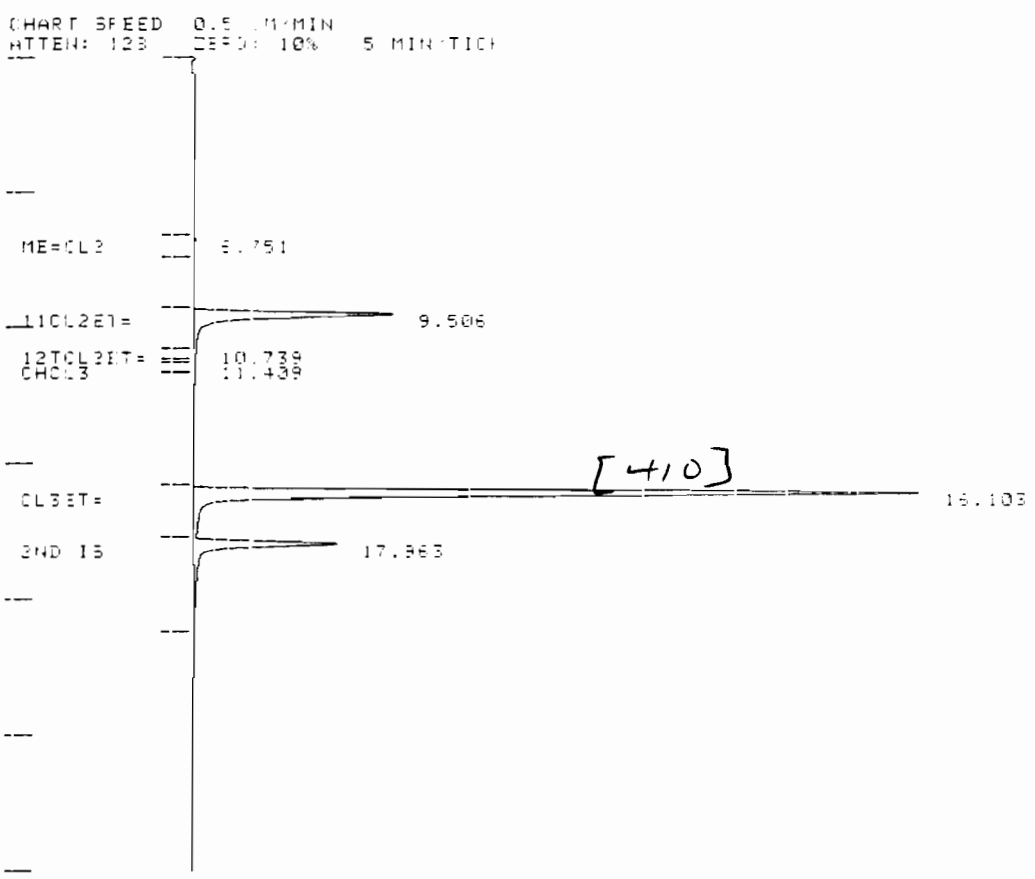


TITLE: EPA METHOD 601 15:43 27 JAN 85

CHANNEL NO: 3 SAMPLE: 13287 1ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	ERR CODE
1	ME=CL2	2.29	6.751P	3907	BB
2	BRCL1E-	INT STD	9.506	447849	BV
3	CL3ET=	295.60	16.103	1457610	BV
4	2ND IS	119.67	17.963	357286	VB
TOTALS:		437.56		2266650	

GROUP#	RESULT
1	153.34
2	405.27

DIVISOR: 1.00000 AMT STD: 50.0000 MULTIPLIER: 5.00000

SAVED FILE: 601V127

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1 8"SS OD .08ID-1000 ON 60 80 CP-B
45°(3' 8°/MIN TO 220°/15)
PURGE AND CHARGER FLOWS = 40 ML/MIN
VICI AUTOC-1-1E AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO	
CLIENT ID	X-013		
ERCO ID	13288	VOLATILE COMPOUNDS	
SAMPLE RECEIVED	1/18/85		
ANALYSIS COMPLETED	1/27/85	EPA 601 METHOD	
RESULTS IN	ug/l(ppb)		

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

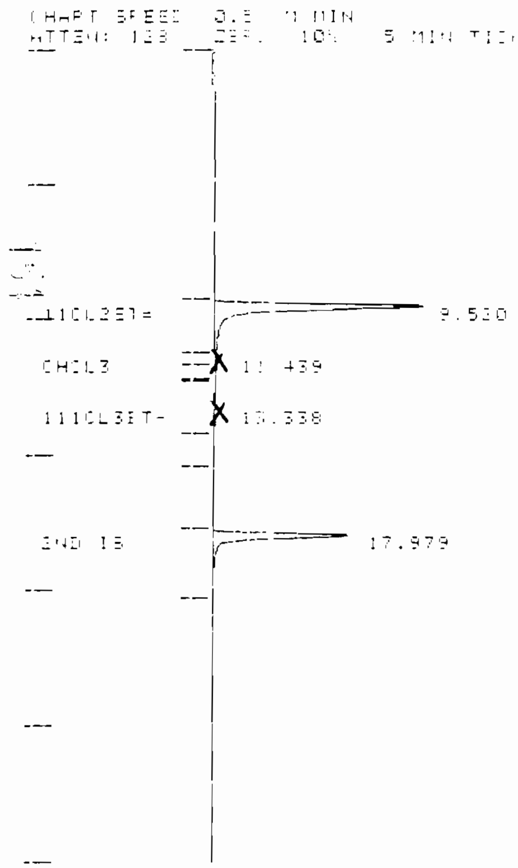
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JJ=14



TITLE: EPA METHOD 601 13:11 27 JAN 85

CHANNEL NO: 3 SAMPLE: 13288 5ML METHOD: 601V

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	BRCL IS-	INT STD	9.530	538508	BV
2	CHCL3	0.14	11.439	4009	T
3		0.00	11.647	2341	T
4	111CL3ET-	0.47	13.338	10726	T
5	2ND IS	16.01	17.979	287470	BB
TOTALS:		16.62		842954	

GROUP#	RESULT
1	30.58
2 -	16.01

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 .+

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-16 AUTOSAMPLER

CLIENT	General Electric	ERCO / A Division of ENSECO
CLIENT ID	X-014	
ERCO ID	13289	VOLATILE COMPOUNDS
SAMPLE RECEIVED	1/18/85	
ANALYSIS COMPLETED	1/27/85	EPA 601 METHOD
RESULTS IN	ug/l(ppb)	

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1 .

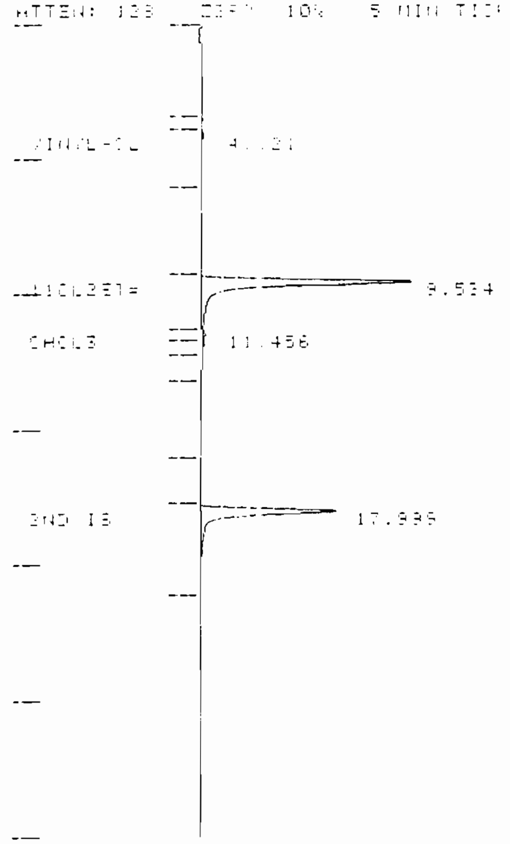
ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: MT

Checked by: JFM

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO 10% 5 MIN TICK



TITLE: EPA METHOD 601 19:01 [illegible]

CHANNEL NO: 3 SAMPLE: 13239 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	VINYL-CL	2.05	4.121	10130	BB
2	BRCL ME-	INT STD	9.534	526002	BV
3	CHCL3	0.17	11.456	4730	T
4		0.00	11.672	2338	T
5	2ND IS	19.35	17.999	339228	BB
TOTALS:		21.57		882528	

GROUP#	RESULT
1	32.[illegible]
2	19.[illegible]

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 +

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC HALL DETECTOR 700HALL
8' X 1/8" SS COL 1%SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-I-18 AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	X-015
ERCO ID	13290
SAMPLE RECEIVED	1/18/85
ANALYSIS COMPLETED	1/27/85
RESULTS IN	ug/l(ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

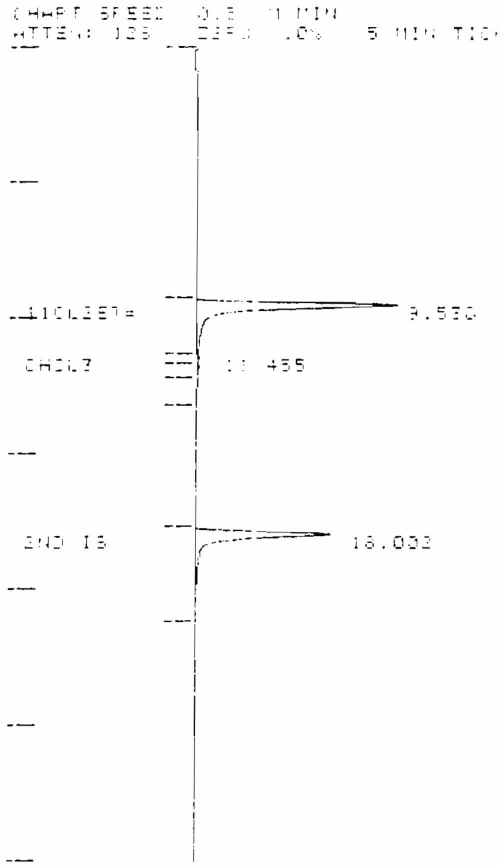
Dilution factor = 1 .

ND = Not detected above the minimum reporting limit.

*Trace concentrations detected below the minimum reporting limit.

Reported by: [signature]

Checked by: JFM



TITLE: EPA METHOD 601 19:52 27 JAN 88

CHANNEL NO: 3 SAMPLE: 13290 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	BRCLME	INT STD	9.530	495968	B
2	CHCL3	0.05	11.455	1190	T
3	12DCL2ETH	0.05	11.783	1841	T
4	2ND IS	20.85	18.002	344656	BB
TOTALS:		20.98		843555	

GROUP#	RESULT
1	30.[illegible]
2	20.87

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8'X 1/8"SS COL. SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-3-16 AUTOSAMPLER

ANALYTICAL RESULTS
GROUNDWATER MONITORING

AA SERIES

JANUARY 30 - 31 1985

SAMPLE IDENTIFICATION KEY

Sample Code	Sampling Date	Time	Location
AA001	1/30/85	1500 hrs	DGC-24D
AA002	1/30/85	1630 hrs	DGC-24I
AA003	1/30/85	1602 hrs	DGC-24S
AA004	1/30/85	1155 hrs	DGC-21I
AA005	1/31/85	1200 hrs	DGC-15I

CLIENT	General Electric
CLIENT ID	AA001
ERCO ID	13651
SAMPLE RECEIVED	2/1/85
ANALYSIS COMPLETED	2/19/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

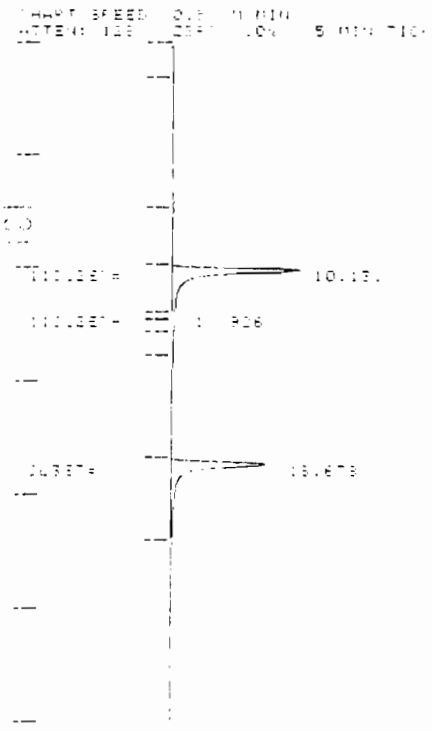
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: mtr

Checked by: RS


10.13
18.673

CLIENT	General Electric
CLIENT ID	AA002
ERCO ID	13652
SAMPLE RECEIVED	2/1/85
ANALYSIS COMPLETED	2/13/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

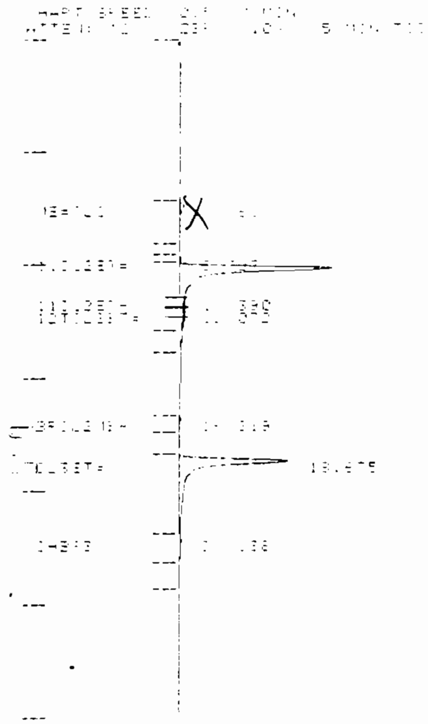
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MTL

Checked by: NS



ND

TITLE: EPA [illegible] [illegible]

CHANNEL NO: [illegible] SAMPLE: 13650 [illegible] METHOD: [illegible]

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP TYPE
1	[illegible]	1.23	7.361P	16700	BB
2		0.00	[illegible]	3364	B
3	[illegible]	30.33	10.139	556.75	
4	[illegible]	0.07	11.380	1.55	T
5		0.00	12.073	[illegible]	T
6	[illegible]	0.18	13.286	[illegible]	T
7	BR[illegible]	0.11	15.8[illegible]	[illegible]	BB
8	[illegible]	32.13	18.675	435561	B
9	[illegible]	0.61	22.138	[illegible]	T

TOTALS: 64.65 [illegible]

[illegible] MULTIPLIER: 1.00000

[illegible]

NOTES:
EPA METHOD [illegible]
[illegible] HOOP [illegible]
[illegible] SP-1000 [illegible] 60 80 [illegible]
[illegible]
PURGE [illegible] FLOW = 40 ML/MIN
[illegible] AUTOSAMPLER

CLIENT	General Electric
CLIENT ID	AA003
ERCO ID	13653
SAMPLE RECEIVED	2/1/85
ANALYSIS COMPLETED	2/14/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

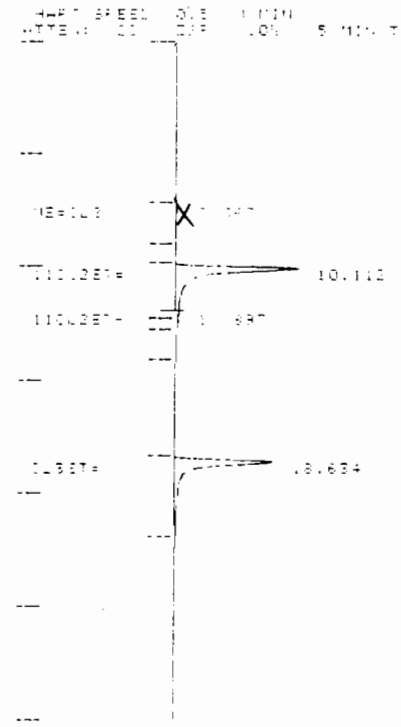
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: NS



ND

CLIENT	General Electric
CLIENT ID	AA004
ERCO ID	13654
SAMPLE RECEIVED	2/1/85
ANALYSIS COMPLETED	2/14/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

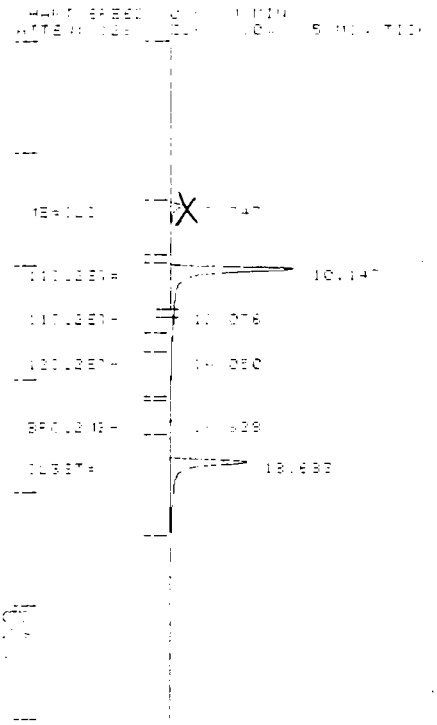
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: NS



NP

CLIENT	General Electric
CLIENT ID	AA005
ERCO ID	13655
SAMPLE RECEIVED	2/1/85
ANALYSIS COMPLETED	2/14/85
RESULTS IN	ug/l (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene --------	4.9	1
23V	Chloroform ----------	1.0	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene ----------	15	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

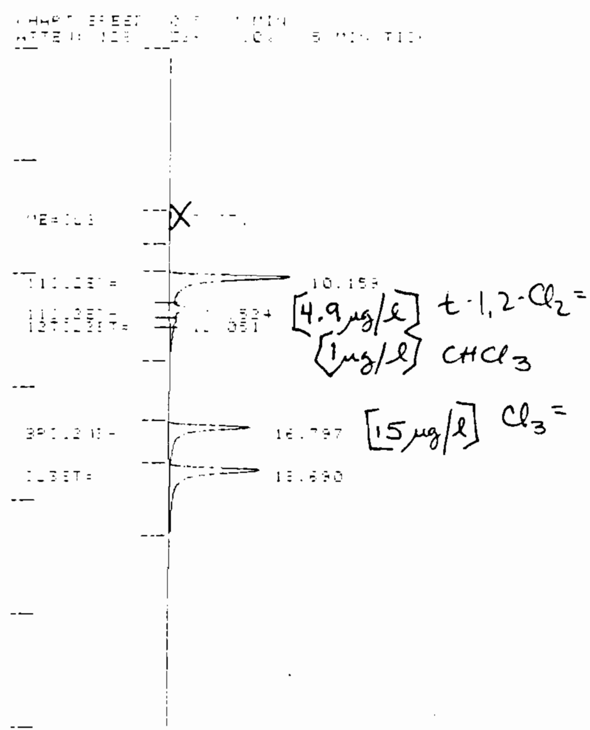
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MT

Checked by: NS



[illegible]

PEAK NO	NAME	RESULT	TIME (MIN)	AREA COUNTS	SEP CODE
1	[illegible]	0.51	[illegible]	[illegible]	[illegible]
2	[illegible]	22.36	10.159	[illegible]	[illegible]
3	[illegible]	4.25	11.524	[illegible]	
4		0.00	[illegible]	[illegible]	
5	[illegible]	1.51	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS:		60.63		[illegible]	

[illegible] MULTIPLIER: 1.00000

[illegible]

NOTES:
[illegible] SP-1000 ON 60 80 [illegible]
45 [illegible] 220 [illegible] 15 [illegible]
PURGE [illegible] FLOW = 40 ML/MIN
[illegible] AUTOSAMPLER

ANALYTICAL RESULTS
GROUNDWATER MONITORING

CC SERIES

FEBRUARY 15 - 18 1985

SAMPLE IDENTIFICATION KEY

Sample Code	Sampling Date	Time	Location
CC001	2/15/85	1400 hrs.	DGC-23D
CC002	2/15/85	1547 hrs.	DGC-23I
CC003	2/15/85	1652 hrs.	DGC-23S
CC004	2/18/85	1356 hrs.	DGC-24D
CC005	2/16/85	1513 hrs.	DGC-24I
CC006	2/18/85	1133 hrs.	DGC-24S
CC007	2/16/85	0830 hrs.	DGC-25Ia
CC008	2/16/85	1412 hrs.	DGC-25Ib
CC009	2/16/85	1122 hrs.	TM2
CC010	2/16/85	1252 hrs.	TM5
CC011	2/18/85	1330 hrs.	TMC
CC014	2/18/85	1400 hrs.	distilled water
CC015	2/15/85	1547 hrs.	DGC-23I (dup.)
CC016	2/16/85	1513 hrs.	DGC-24I (dup.)

CLIENT	General Electric
CLIENT ID	CC001
ERCO ID	14182
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/20/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MTR

Checked by: NS

CHANNEL NO: 3 SAMPLE: 14182 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL ME-	38.93	2.433	642.	B
2	BR ME-	0.96	3.651	7040	[illegible]
3	VINYL-CL	31.97	4.541	5901	VB
4		0.00	7.051	6127	B
5	ME-CL2	1.25	7.280P	17968	[illegible]
6		0.00	7.592	8837	B
7	INT STD1	INT STD	10.044	431937	B
8	CHCL3	0.16	11.989	2217	T
9	12-DCE	0.13	12.334	1856	T
10	INT STD2	19.10	19.622	275053	B

TOTALS: 192.51 762991

DIVISOR: 1.00000 AMT STD: 50.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 005

NOTES:
EPA METHOD 601
VARIAN 3700GC - HOOF TOOHALL
8' X 1/8 SS COL (SP-1000 ON 60/80 CP-B
45 DEG 8 MIN TO 220 DEG
PURGE AND TRAP FLOW = 40 ML/MIN
VIDI ATOSIC HE AUTOSAMPLER
INJ=200 DET=220 930

CLIENT	General Electric
CLIENT ID	CC002
ERCO ID	14183
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/20/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

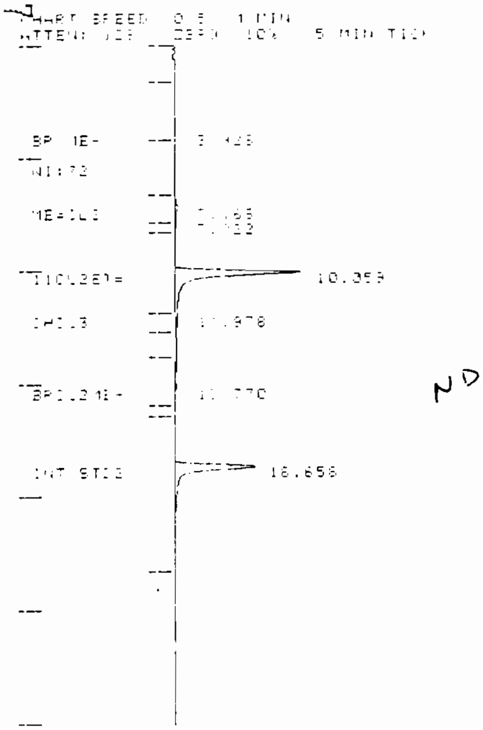
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]

017



TITLE: EPA METHOD 601 [illegible] 20 FEB 85

CHANNEL NO: 3 SAMPLE: 14193 5ML METHOD: [illegible]

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	VINYL-C[illegible]	15.76	[illegible].928	[illegible]	[illegible]
2	ME2CL2	0.60	[illegible].168P	[illegible]	[illegible]
3		0.00	[illegible]	1[illegible]	[illegible]
4	INT STD1	INT STD	10.059	4557[illegible]	[illegible]
5	CHCL3	0.06	11.978	1845	[illegible]
6	11[illegible]	0.10	13.770	314[illegible]	[illegible]
7	INT STD2	8.86	18.658	[illegible]	[illegible]
TOTALS:		25.38		[illegible]	

DIVISOR: [illegible] AMT STD: 30.0000 MULTIPLIER: [illegible]

SAVED FILE: 601 [illegible]

NOTES:
EPA METHOD 601
[illegible]
8' X 1/8" SS COL [illegible] SP-1000 ON 60/80 CP-B
45 (3) 8° MIN TO 220° [illegible]
PURGE AND TRAP [illegible] FLOW = 40 ML MIN
[illegible] AUTOSAMPLER
[illegible]

CLIENT	General Electric
CLIENT ID	CC003
ERCO ID	14184
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/20/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

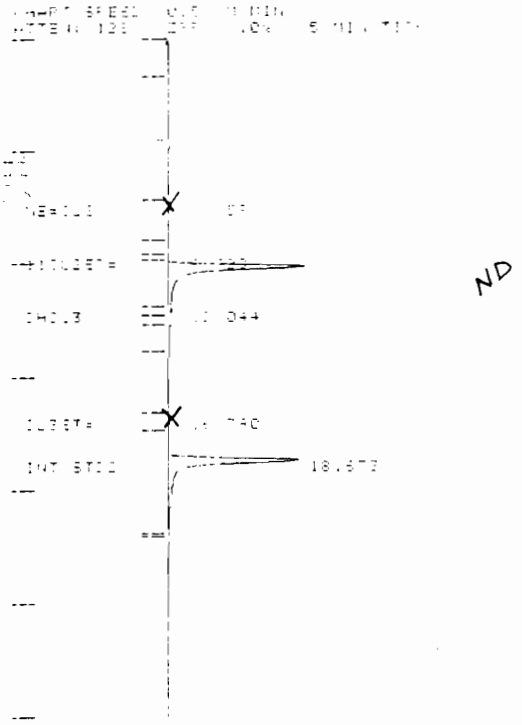
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: WTR

Checked by: NS


ND

CLIENT	General Electric
CLIENT ID	CC004
ERCO ID	14185
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/20/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

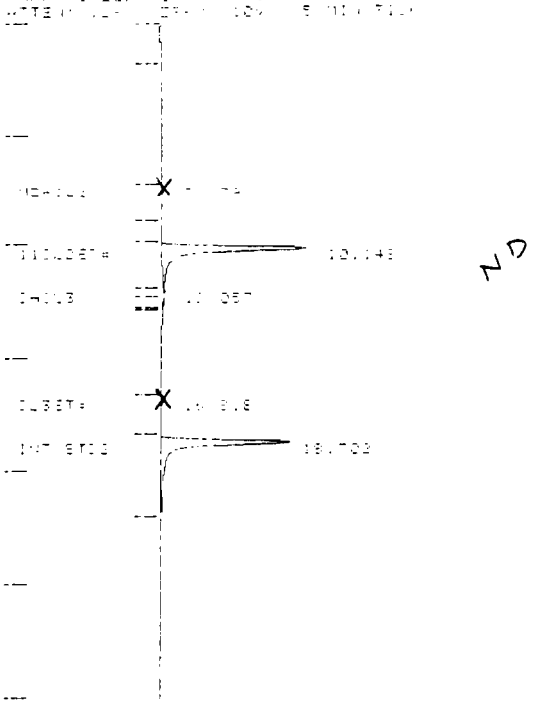
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: [signature]

Checked by: [signature]


10.148
ND

CLIENT	General Electric
CLIENT ID	CC005
ERCO ID	14186
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/20/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

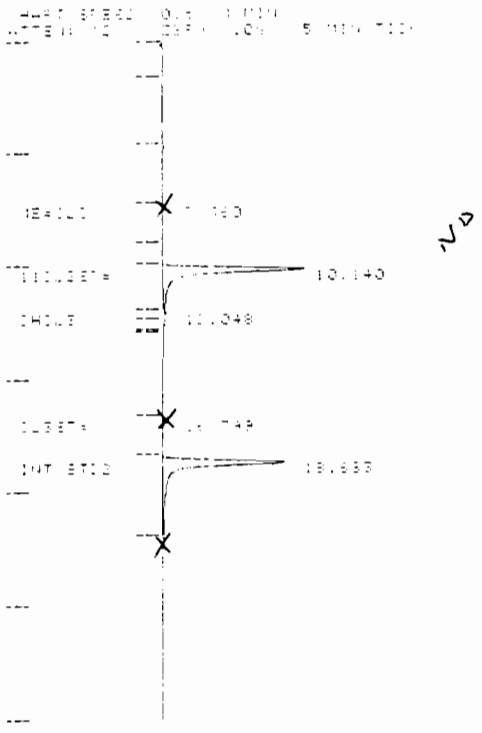
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MMT

Checked by: KS



		RESULT	TIME		
		PPB	MIN		
		0.56	7.360		
		0.14	10.048		
		0.00	12.283		
		1.11	16.799		
		2.33	18.683		
		29.15			

CLIENT	General Electric
CLIENT ID	CC006
ERCO ID	14187
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

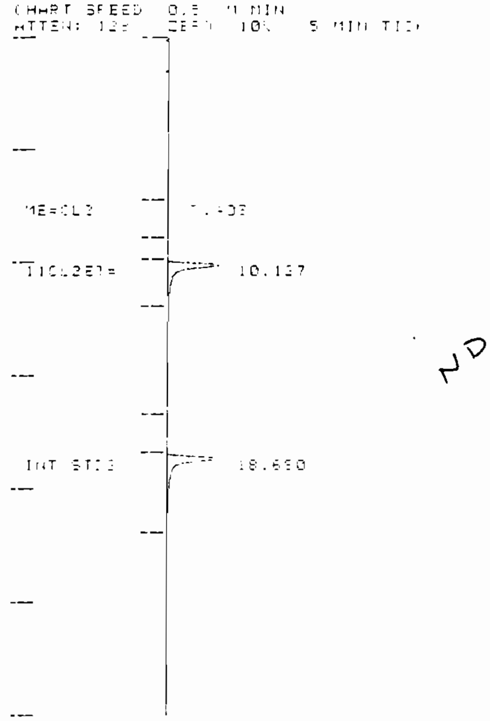
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MTR

Checked by: AS

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO 10% 5 MIN TICK



TITLE: EPA METHOD 601   2:35 21 FEB 85

CHANNEL NO: 3   SAMPLE: 14187 5ML   METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.63	7.403R	3459	BB
2	INT STD1	INT STD	10.137	16430.	BB
3	INT STD2	34.03	18.660	56544	BB

TOTALS: 34.66   355214

DIL FACTOR: 1.00000   AMT STD: 30.0000   MULTIPLIER: 1.00000

SAVED FILE: 601.010

NOTES:
EPA METHOD 601
VARIAN 3700GC WITH OI TOOHALL
8' X 1/8" SS COL 1% SP-1000 ON 60/80 CP-B
45°C 3M 8°/MIN TO 220°C
PURGE AND CARRIER FLOWS = 40 ML/MIN
VIII ATDC-1-18 AUTOSAMPLER
INJ=200 DET=CON 300

CLIENT	General Electric
CLIENT ID	CC007
ERCO ID	14188
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

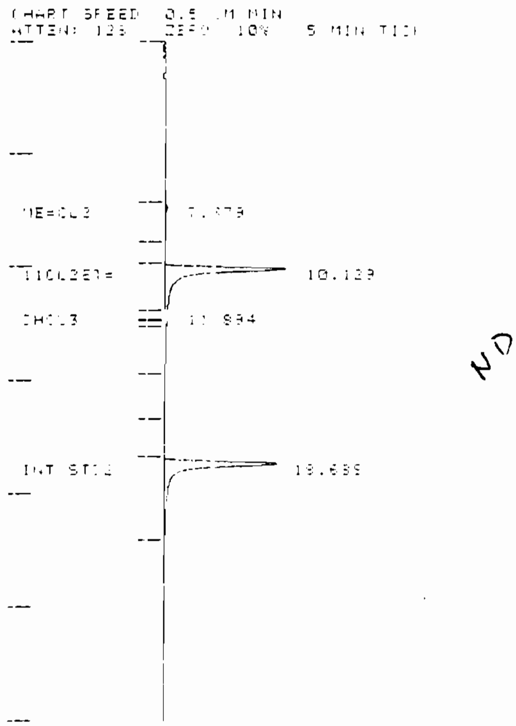
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: mh

Checked by: AS



025

TITLE: EPA METHOD 601 9:25 21 FEB 85

CHANNEL NO. 3 SAMPLE: 14183 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.65	7.379R	9432	BB
2	INT STD1	INT STD	10.129	437357	B[illegible]
3	INT STD2	27.16	18.686	396411	BB
TOTALS:		27.81		843757	

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE 601 0?1

NOTES:
EPA METHOD 601
VARIAN 3700GC ?? RADIOR TOOHALL
8' X 1/8 SS COL SP-1000 ON 60/80 CP-B
45°C(3) 8°/MIN TO 220°(5)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-16 AUTOSAMPLER
INJ=200 DET=230 800

CHART SPEE?
ATTEN: ?

CLIENT	General Electric
CLIENT ID	CC008
ERCO ID	14189
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	3.7	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

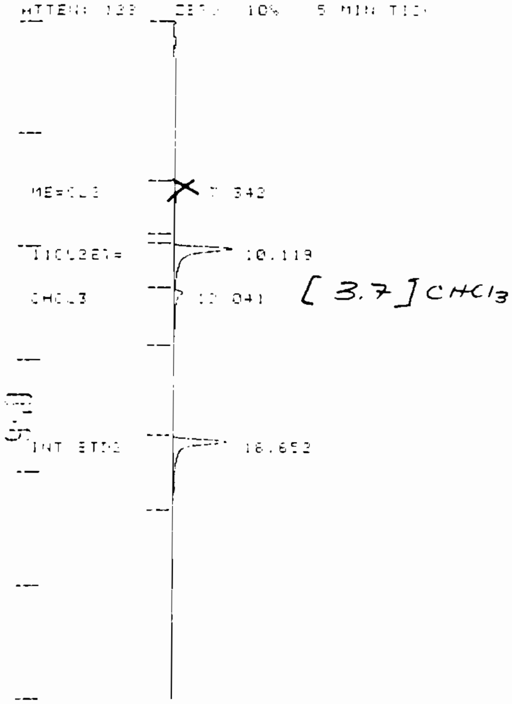
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: MTR

Checked by: NS

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO 10% 5 MIN TICK



TITLE: EPA METHOD 601 17:44 [illegible] FEB 85

CHANNEL NO: 3 SAMPLE: 14168 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME2CL2	7.08	7.342	49128	BB
2	INT STD1	INT STD	10.119	209460	B
3	CHCL3	6.63	12.041	46067	VB
4	INT STD2	28.57	18.652	198511	BB
TOTALS:		42.28		502164	

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601-041

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8 SS COL [illegible]SP-1000 ON 60/80 CARB
45°(3) 8°/MIN TO 220° 5[illegible]
PURGE AND CARRIER FLOWS = 40 ML/MIN
VARIAN [illegible] AUTOSAMPLER
INJ=300 DET=220 300

CLIENT	General Electric
CLIENT ID	CC009
ERCO ID	14190
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

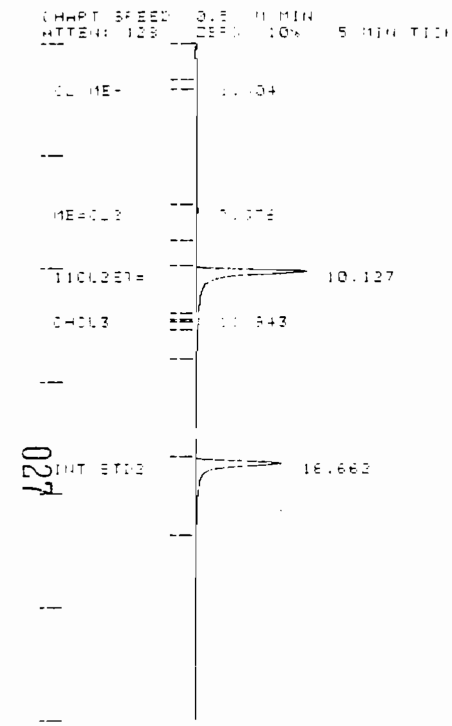
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



TITLE: EPA METHOD 601 5:04 21 FEB 85

CHANNEL NO: 3 SAMPLE: 14190 SML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	CL MEH	15.51	1.804	10.6	BB
2	MECL2	0.53	7.376R	6946	BB
3	IN STD1	INT STD	10.127	393046	B
4	IN STD2	21.65	19.662	283619	BB
TOTALS:		37.69		684627	

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.0??

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8" SS COL 1% SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(5)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATDC-1-16 AUTOSAMPLER
INJ=200 DET=220 200

CLIENT	General Electric
CLIENT ID	CC010
ERCO ID	14191
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

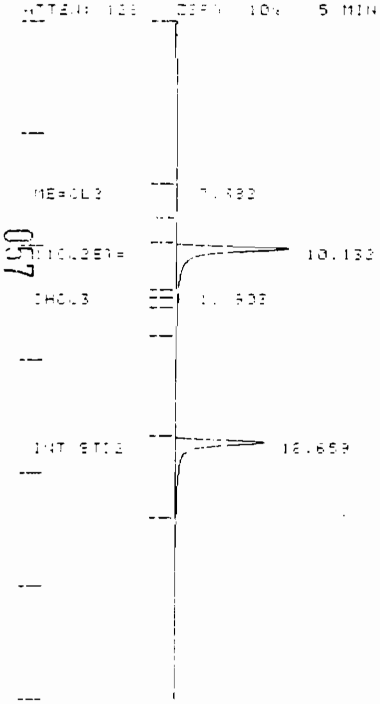
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



TITLE: EPA METHOD 601 [illegible] FEB [illegible]

CHANNEL NO: 3 SAMPLE: 14131 5ML METHOD: [illegible]

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	MECL2	0.17	7.382P	[illegible]	BB
2	INT STD1	INT STD	10.132	[illegible]	B
3	INT STD2	23.86	18.659	[illegible]	BB
TOTALS:		24.03		752[illegible]	

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 0-2

NOTES:
EPA METHOD 601
VARIAN 3700GC [illegible] TOOHALL
[illegible] 1 8 [illegible] COL [illegible] SP-1000 ON 60 80 CPAB
45[illegible] 3 [illegible] 220[illegible]5
PURGE AND CARR [illegible] FLOWS = 40 ML MIN
VICI ATOC-1-16 AUTOSAMPLER
INJ=200 DET=220 300

CLIENT	General Electric
CLIENT ID	CC011
ERCO ID	14192
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

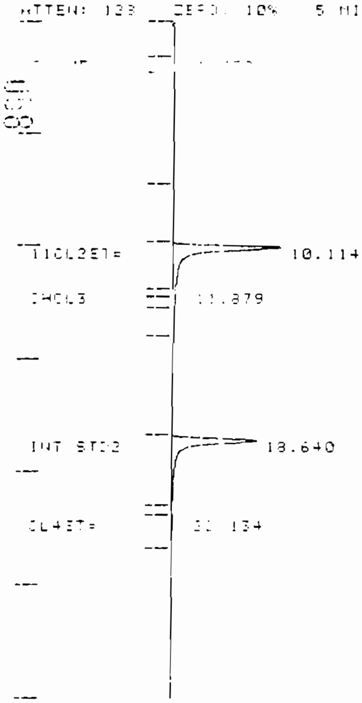
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN TICK



TITLE: EPA METHOD 601 19:23 21 FEB 85

CHANNEL NO: 7 SAMPLE: 14192 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.00	1.758	1713	BB
2	INT STD1	INT STD	10.114	389391	B
3	INT STD2	22.95	18.640	297911	BB
4	CL4ET=	0.35	22.134	4541	BB

TOTALS: 23.30 693556

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601.0-7

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8" SS COL 1%SP-1000 ON 60/80 CP-B
45°(3 MIN) 8°/MIN TO 220°(5)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-15 AUTOSAMPLER
INJ=200 DET=220 300

CLIENT	General Electric
CLIENT ID	CC014
ERCO ID	14193
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

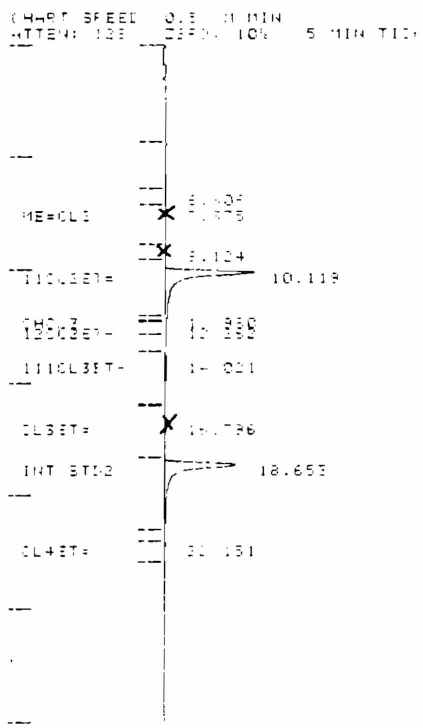
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____

560



TITLE: EPA METHOD 601 20:12 21 FEB 85

CHANNEL NO: 3 SAMPLE: 14193 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.00	6.606	3029	[illegible]
2	ME=CL2	0.66	7.375P	7753	[illegible]
3		0.00	9.124	3619	[illegible]
4	INT STD1	INT STD	10.119	354505	
5	111CL3ET-	0.76	14.021	6998	T
6	CL3ET=	1.07	16.796	10657	T
7	INT STD2	22.29	18.653	[illegible]	[illegible]
8	CL4ET=	0.19	20.151	[illegible]	[illegible]

TOTALS: 24.97 656149

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 044

NOTES:
EPA METHOD 601
[illegible]
[illegible] SP-1000 ON 60 80 CP-E
45° [illegible] 220° [illegible]
PURGE AND CARRIER FLOWS = 40 ML/MIN
[illegible] AUTOSAMPLER
INJ=200 DET=[illegible] 300

CLIENT	General Electric
CLIENT ID	CC015
ERCO ID	14194
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

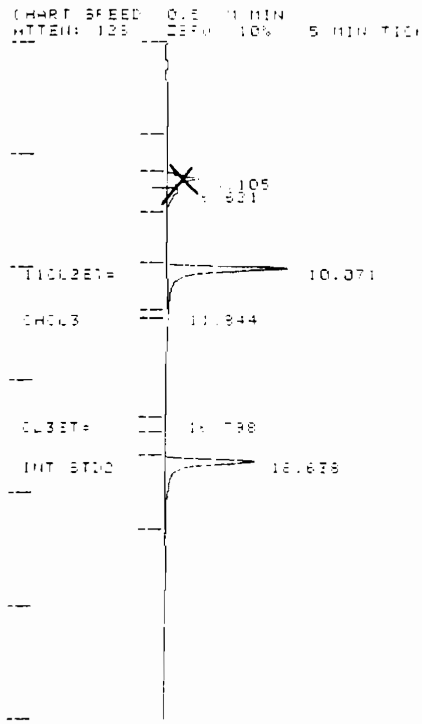
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: _____

Checked by: _____



TITLE: EPA METHOD 601 21:01 [illegible] FEB [illegible]

[illegible] SAMPLE [illegible] METHOD [illegible]

190

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1		0.00	6.105	[illegible]	[illegible]
2		0.00	6.621	564[illegible]	[illegible]
3	INT STD1	INT STD	10.071	38108[illegible]	[illegible]
4	CL3ET=	0.12	16.798	1574	[illegible]
5	INT STD2	25.11	18.638	319077	[illegible]
TOTALS:		25.23		[illegible]	

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601-0[illegible]5

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700 [illegible] 700 [illegible]
8' X 1/8" SS [illegible] SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(15)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-1[illegible] AUTOSAMPLER
INJ=200 DET=2[illegible] 330

CLIENT	General Electric
CLIENT ID	CC016
ERCO ID	14195
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/21/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	ND	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	ND	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	ND	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

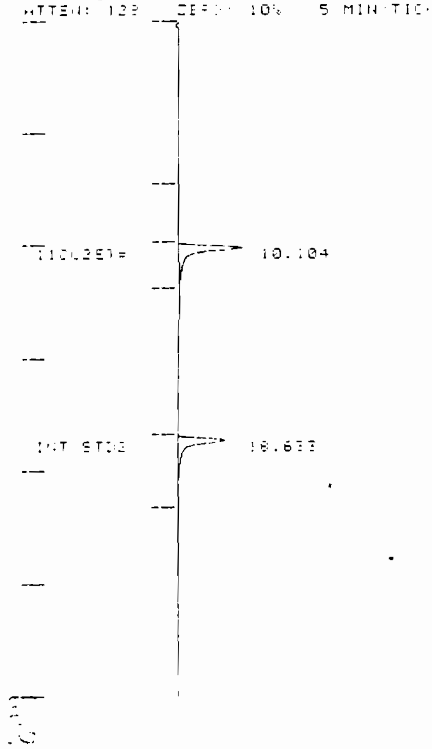
Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JC

CHART SPEED 0.5 CM/MIN
ATTEN: 128 ZERO: 10% 5 MIN/TICK



TITLE: EPA METHOD 601 21:51 21 FEB 88

CHANNEL NO: 3 SAMPLE: 14195 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	INT STD1	INT STD	10.104	208705	BB
2	INT STD2	23.90	18.633	166266	BB
TOTALS:		23.90		374971	

DIVISOR: 1.00000 AMT STD: 50.0000 MULTIPLIER: 1.00000

SAVED FILE: 601 046

ERRORS:
REF PEAK NOT FOUND

NOTES:
EPA METHOD 601
VARIAN 3700GC TRACOR 700HALL
8' X 1/8"SS COL 1%SP-1000 ON 60/80 CP-B
45°C 3' MIN TO 220°C(5)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-16 AUTOSAMPLER
INJ=200 DET=220 300

CLIENT	General Electric
CLIENT ID	CC001 Spike
ERCO ID	14196 Spike
SAMPLE RECEIVED	2/19/85
ANALYSIS COMPLETED	2/22/85
RESULTS IN	ug/L (ppb)

ERCO / A Division of ENSECO

VOLATILE COMPOUNDS

EPA 601 METHOD

	Compound	Result	Minimum Reporting Limit
45V	Chloromethane	ND	5
46V	Bromomethane	ND	5
88V	Vinyl chloride	ND	2
16V	Chloroethane	ND	5
44V	Methylene chloride	ND	1
29V	1,1-dichloroethylene	ND	1
13V	1,1-dichloroethane	ND	1
30V	1,2-trans-dichloroethylene	66 (131%)	1
23V	Chloroform	ND	1
10V	1,2-dichloroethane	ND	1
11V	1,1,1-trichloroethane	69 (139%)	1
6V	Carbon tetrachloride	ND	1
48V	Bromodichloromethane	ND	1
32V	1,2-dichloropropane	ND	2
33V	Trans-1,3-dichloropropylene	ND	2
87V	Trichloroethylene	59 (118%)	1
51V	Dibromochloromethane	ND	1
33V	Cis-1,3-dichloropropylene	ND	2
14V	1,1,2-trichloroethane	ND	2
47V	Bromoform	ND	5
15V	1,1,2,2-tetrachloroethane	ND	2
85V	Tetrachloroethylene	ND	1
7V	Chlorobenzene	ND	5
19V	2-chloroethyl vinyl ether	ND	10

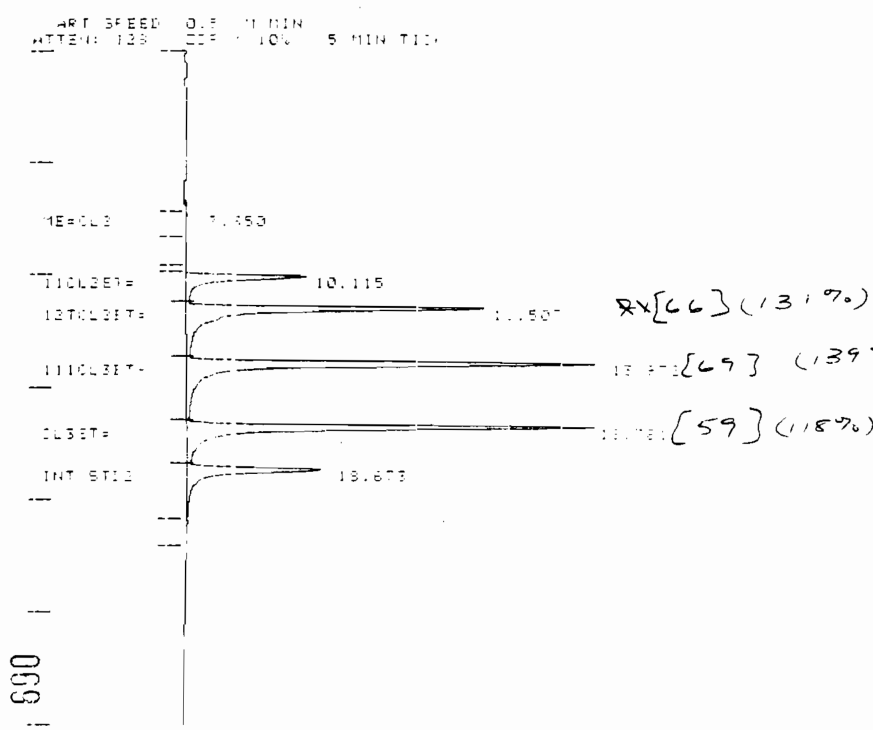
Multiply minimum reporting limit by dilution factor to obtain true minimum limit.

Dilution factor = 1.

ND = Not detected above the minimum reporting limit.

Reported by: ~~~

Checked by: JS



TITLE: EPA METHOD 601 3:47 22 FEB 85

CHANNEL NO: 3 SAMPLE: 141965 5ML METHOD: 601

PEAK NO	PEAK NAME	RESULT PPB	TIME (MIN)	AREA COUNTS	SEP CODE
1	ME=CL2	0.41	7.350P	4761	BE
2	INT STD1	INT STD	10.115	350369	E
3	12TCL2ET=	33.72	11.507	977723	
4	111CL3ET-	133.86	13.973	1212930	
5	CL3ET=	98.21	16.781	1147040	
6	INT STD2	38.07	18.673	444630	VB

TOTALS: 334.27 4137450

DIVISOR: 1.00000 AMT STD: 30.0000 MULTIPLIER: 1.00000

SAVED FILE: 601-012

NOTES:
EPA METHOD 601
VARIAN 3700GC
8' X 1/8"SS COL SP-1000 ON 60/80 CP-B
45°(3) 8°/MIN TO 220°(5)
PURGE AND CARRIER FLOWS = 40 ML/MIN
VICI ATOC-1-1S AUTOSAMPLER
INJ=200 DET=300 230