

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes  No

Type of action: Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

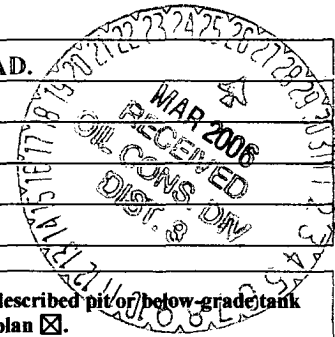
Operator: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address: \_\_\_\_\_  
 Address: 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401  
 Facility or well name: DAVIDSON GC F #1 API #: 30-045- 07110 U/L or Qtr/Qtr M Sec 28 T 28N R 10W  
 County: SAN JUAN Latitude 36.63836 Longitude 107.90727 NAD: 1927  1983  Surface Owner Federal  State  Private  Indian

<b>Pit</b> Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>BLOW</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If not, explain why not. _____		
	Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more (0 points)	<b>0</b>
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) (0 points)	<b>0</b>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more (0 points)		<b>0</b>
<b>Ranking Score (Total Points)</b>			<b>0</b>

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite  offsite  If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No  Yes  If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5)

Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 291 FT. S69W FROM WELL HEAD.  
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.  
 PIT REMEDIATION: CLOSE AS IS: , LANDFARM: , COMPOST: , STOCKPILE: , OTHER  (explain)  
 Cubic yards: NA



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan .

Date: 11/17/04  
 Printed Name/Title: Jeff Blagg - P.E. # 11607 Signature: \_\_\_\_\_

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 03  
 Printed Name/Title: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: MAR 27 2006

CLIENT: XTO

**BLAGG ENGINEERING, INC.**  
P.O. BOX 87, BLOOMFIELD, NM 87413  
(505) 632-1199

LOCATION NO: CT117  
COCR NO: 13283

**FIELD REPORT: PIT CLOSURE VERIFICATION**

PAGE No: 1 of 1

LOCATION: NAME: DAVIDSON GCF WELL #: 1 TYPE: BLOW  
QUAD/UNIT: M SEC: 28 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM  
QTR/FOOTAGE: 790 FNL x 790 FWL <sup>SWSW</sup> CONTRACTOR: KELCO (MIKE)

DATE STARTED: 11-15-04  
DATE FINISHED: 11-15-04  
ENVIRONMENTAL SPECIALIST: JCB

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0  
DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS  
LAND USE: RANGE - BUM LEASE: SF-077383 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 291 FT. S 69 W FROM WELLHEAD.  
DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000  
NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = 52.1 ppm  
OVM CALIB. GAS = 100 ppm RF = 0.52  
TIME: 0900 am/pm DATE: 11-15-04

SOIL TYPE: SAND / SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_  
SOIL COLOR: ORANGE TAN  
COHESION (ALL OTHERS): NON COHESIVE / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE  
CONSISTENCY (NON COHESIVE SOILS): LOOSE / FIRM / DENSE / VERY DENSE  
PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC  
DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD  
MOISTURE: DRY / SLIGHTLY MOIST / MOIST / WET / SATURATED / SUPER SATURATED  
DISCOLORATION/STAINING OBSERVED: YES NO EXPLANATION - GRAY STREAKING 3-5' BG  
HC ODOR DETECTED: YES NO EXPLANATION - MINOR  
SAMPLE TYPE: GRAB / COMPOSITE - # OF PTS. \_\_\_\_\_  
ADDITIONAL COMMENTS: 18' x 15' x 3' Deep EARTHEN PIT. USE BACKHOE TO DIG TEST TRENCH.

CLOSED

**FIELD 418.1 CALCULATIONS**

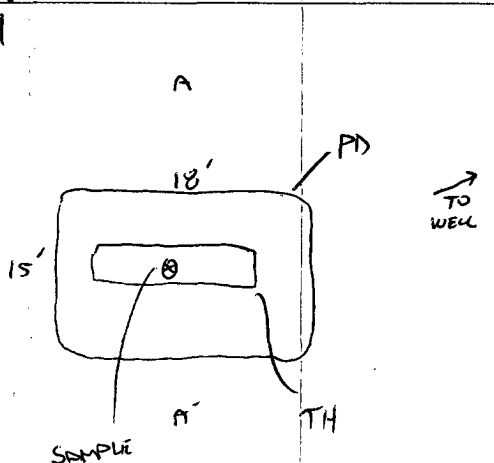
SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

**SCALE**

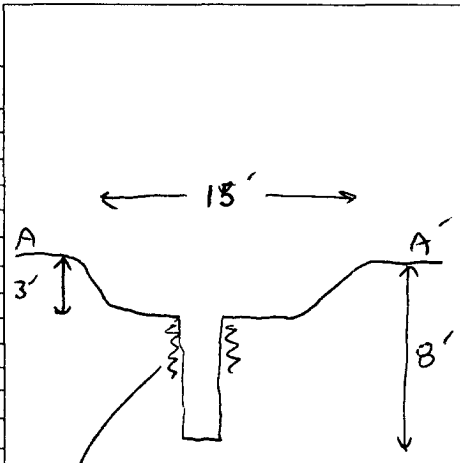


0 FT

**PIT PERIMETER**



**PIT PROFILE**



**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 8'	96
2 @	
3 @	
4 @	
5 @	

**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
1087	TAH	0915

PASSED

P.D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW  
T.H. = TEST HOLE; - = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES: CALLOUT: 11-15-04 ONSITE: 11-15-04 0845

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

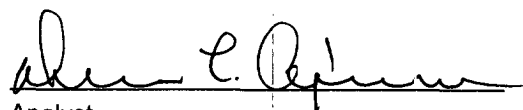
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 8'	Date Reported:	11-17-04
Laboratory Number:	31237	Date Sampled:	11-15-04
Chain of Custody No:	13283	Date Received:	11-15-04
Sample Matrix:	Soil	Date Extracted:	11-15-04
Preservative:	Cool	Date Analyzed:	11-17-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

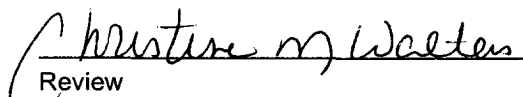
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	1,710	0.2
Diesel Range (C10 - C28)	162	0.1
Total Petroleum Hydrocarbons	1,870	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Davidson GC F #1 Blow.**

  
Analyst

  
Review

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

For drilling and production facilities, submit to appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe office

**Pit or Below-Grade Tank Registration or Closure**

Is pit or below-grade tank covered by a "general plan"? Yes  No

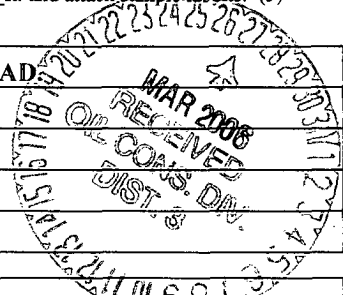
Type of action: Registration of a pit or below-grade tank  Closure of a pit or below-grade tank

Operator: XTO ENERGY INC. Telephone: (505)-324-1090 e-mail address: \_\_\_\_\_  
Address: 2700 FARMINGTON AVE.. BLDG. K. SUITE 1. FARMINGTON. NM 87401  
Facility or well name: DAVIDSON GC F #1 API #: 30-045- 07110 U/L or Qtr/Qtr M Sec 28 T 28N R 10W  
County: SAN JUAN Latitude 36.63836 Longitude 107.90727 NAD: 1927  1983  Surface Owner Federal  State  Private  Indian

Pit	Below-grade tank	
Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input checked="" type="checkbox"/> <u>SEPARATOR</u> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input type="checkbox"/> Unlined <input checked="" type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness _____ mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Volume: _____ bbl Type of fluid: _____ Construction material: <u>NA</u> Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If no, explain why not.	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.)	Less than 50 feet 50 feet or more, but less than 100 feet 100 feet or more	(20 points) (10 points) <b>0</b> ( 0 points)
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes No	(20 points) ( 0 points) <b>0</b>
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet 200 feet or more, but less than 1000 feet 1000 feet or more	(20 points) (10 points) ( 0 points) <b>0</b>
<b>Ranking Score (Total Points)</b>		<b>0</b>

**If this is a pit closure:** (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite  offsite  If offsite, name of facility \_\_\_\_\_. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No  Yes  If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: PIT LOCATED APPROXIMATELY 132 FT. N80W FROM WELL HEAD  
PIT EXCAVATION: WIDTH NA ft., LENGTH NA ft., DEPTH NA ft.  
PIT REMEDIATION: CLOSE AS IS: , LANDFARM: , COMPOST: , STOCKPILE: , OTHER  (explain)  
Cubic yards: NA



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines , a general permit , or an alternative OCD-approved plan .

Date: 11/17/04

Printed Name/Title Jeff Blagg - P.E. # 11607 Signature [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval: DEPUTY OIL & GAS INSPECTOR, DIST. 03 Signature [Signature] Date: MAR 27 2006

CLIENT: <u>XTO</u>	<b>BLAGG ENGINEERING, INC.</b> P.O. BOX 87, BLOOMFIELD, NM 87413 (505) 632-1199	LOCATION NO: <u>CT117</u>
		COCR NO: <u>13293</u>

**FIELD REPORT: PIT CLOSURE VERIFICATION**

PAGE No: 1 of 1

LOCATION: NAME: <u>DAVIDSON GC F</u> WELL #: <u>1</u> TYPE: <u>SEP.</u>	DATE STARTED: <u>11-15-04</u>
QUAD/UNIT: <u>M SEC: 28 TWP: 28N RNG: 10W PM: NM CNTY: SJ ST: NM</u>	DATE FINISHED: <u>11-15-04</u>
QTR/FOOTAGE: <u>790 FNL x 790 FWL SWTSW</u> CONTRACTOR: <u>KELCO (MIKE)</u>	ENVIRONMENTAL SPECIALIST: <u>JCB</u>

EXCAVATION APPROX. NA FT. x NA FT. x NA FT. DEEP. CUBIC YARDAGE: 0

DISPOSAL FACILITY: NA REMEDIATION METHOD: CLOSE AS IS

LAND USE: RANGE - Blm LEASE: SF - 077383 FORMATION: DK

FIELD NOTES & REMARKS: PIT LOCATED APPROXIMATELY 132 FT. N 80 W FROM WELLHEAD.

DEPTH TO GROUNDWATER: >100 NEAREST WATER SOURCE: >1000 NEAREST SURFACE WATER: >1000

NMOCD RANKING SCORE: 0 NMOCD TPH CLOSURE STD: 5000 PPM

**SOIL AND EXCAVATION DESCRIPTION:**

OVM CALIB. READ. = <u>52.1</u> ppm
OVM CALIB. GAS = <u>100</u> ppm RF = <u>0.52</u>
TIME: <u>0900</u> am/pm DATE: <u>11-15-04</u>

SOIL TYPE: (SAND) SILTY SAND / SILT / SILTY CLAY / CLAY / GRAVEL / OTHER \_\_\_\_\_

SOIL COLOR: ORANGE TAN

COHESION (ALL OTHERS): (NON COHESIVE) / SLIGHTLY COHESIVE / COHESIVE / HIGHLY COHESIVE

CONSISTENCY (NON COHESIVE SOILS): (LOOSE) FIRM / DENSE / VERY DENSE

PLASTICITY (CLAYS): NON PLASTIC / SLIGHTLY PLASTIC / COHESIVE / MEDIUM PLASTIC / HIGHLY PLASTIC

DENSITY (COHESIVE CLAYS & SILTS): SOFT / FIRM / STIFF / VERY STIFF / HARD

MOISTURE: DRY / (SLIGHTLY MOIST) / MOIST / WET / SATURATED / SUPER SATURATED

DISCOLORATION/STAINING OBSERVED: (YES) NO EXPLANATION - GRAY STREAKING, 2'-6' BG

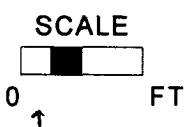
HC ODOR DETECTED: (YES) NO EXPLANATION - MODERATE

SAMPLE TYPE: (GRAB) COMPOSITE - # OF PTS. \_\_\_\_\_

ADDITIONAL COMMENTS: 24' x 18' x 2' DEEP EARTHEN PIT, USE BACKHUE TO DIG TEST TRENCH

CLOSED

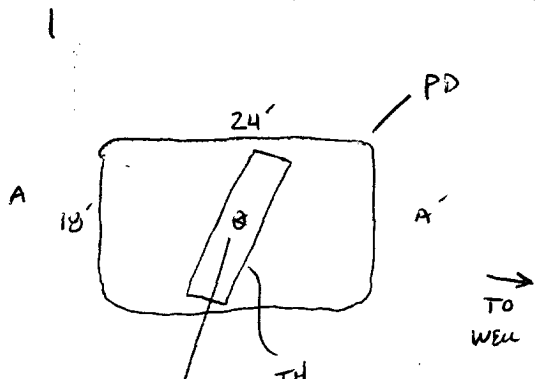
**FIELD 418.1 CALCULATIONS**



SAMP. TIME	SAMP. ID	LAB NO.	WEIGHT (g)	mL FREON	DILUTION	READING	CALC. (ppm)

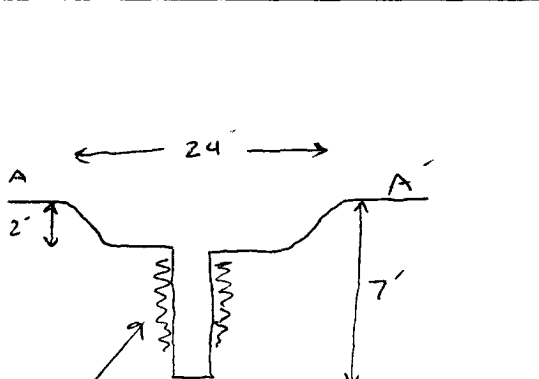
**PIT PERIMETER**

**PIT PROFILE**



**OVM READING**

SAMPLE ID	FIELD HEADSPACE (ppm)
1 @ 7'	268
2 @	
3 @	
4 @	
5 @	



**LAB SAMPLES**

SAMPLE ID	ANALYSIS	TIME
<u>D&amp;T</u>	<u>TPH/BTEX</u>	<u>0855</u>

PASSED

D. = PIT DEPRESSION; B.G. = BELOW GRADE; B = BELOW T.H. = TEST HOLE; ~ = APPROX.; T.B. = TANK BOTTOM

TRAVEL NOTES: CALLOUT: 11-15-04 0810 ONSITE: 11-15-04 0845

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

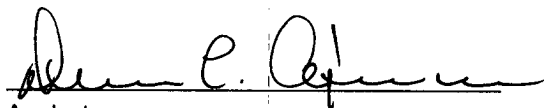
Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	11-17-04
Laboratory Number:	31236	Date Sampled:	11-15-04
Chain of Custody No:	13283	Date Received:	11-15-04
Sample Matrix:	Soil	Date Extracted:	11-15-04
Preservative:	Cool	Date Analyzed:	11-17-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

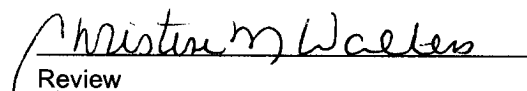
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	571	0.2
Diesel Range (C10 - C28)	143	0.1
Total Petroleum Hydrocarbons	714	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Davidson GC F #1 Separator.**

  
Analyst

  
Review

# ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

## EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	Blagg / XTO	Project #:	94034-010
Sample ID:	1 @ 7'	Date Reported:	11-17-04
Laboratory Number:	31236	Date Sampled:	11-15-04
Chain of Custody:	13283	Date Received:	11-15-04
Sample Matrix:	Soil	Date Analyzed:	11-17-04
Preservative:	Cool	Date Extracted:	11-15-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	142	1.8
Toluene	846	1.7
Ethylbenzene	498	1.5
p,m-Xylene	2,830	2.2
o-Xylene	1,060	1.0
<b>Total BTEX</b>	<b>5,380</b>	

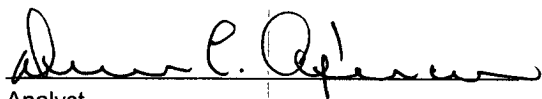
ND - Parameter not detected at the stated detection limit.

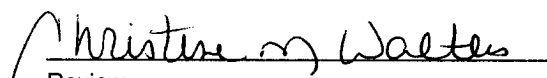
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	96 %
	1,4-difluorobenzene	96 %
	Bromochlorobenzene	96 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Davidson GC F #1 Separator.

  
Analyst

  
Review