TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-55470-1

Job Description: WGK Vapor Sampling 3/1/2010

For:
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Attention: Mr. William G Johnson

Approved for release.
Lidya Gulizia
Project Manager I
3/11/2010 10:00 AM

Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
03/11/2010

The test results in this report meet NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted. Results pertain only to samples listed in this report. This report may not be reproduced, except in full, without the written approval of the laboratory. Questions should be directed to the person who signed this report.

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Receipt
Following sample collection, the air sample was sent directly to TestAmerica Knoxville for analysis and was received in good condition on March 2, 2010. Please refer to the sample receiving information contained in the body of the Knoxville report for more detailed information regarding receipt.

Comments
No additional comments.

METHOD SUMMARY

Client: Solutia Inc. Job Number: 680-55470-1

Description	Lab Location	Method	Preparation Method
Matrix: Air - Tedlar Bag			
EPA TO-15	TAL KNX	EPA-21 TO-15	

Lab References:

TAL KNX = TestAmerica Knoxville

Method References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999

SAMPLE SUMMARY

Client: Solutia Inc. Job Number: 680-55470-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-55470-1	WGK-BIGMO-SVE-Line A-V	Air - Tedlar Bag	03/01/2010 1450	03/02/2010 1015

SAMPLE RESULTS

H0C020413 Analytical Report 1

Sample Receipt Documentation 13

Total Number of Pages 15

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. 680-55470

Solutia Vapor Sampling

Lot #: H0C020413

Lidya Gulizia

TestAmerica Savannah
5102 Laroche Avenue
Savannah, GA 31404

TESTAMERICA LABORATORIES, INC.

Terry Wasmund
Project Manager

March 9, 2010

ANALYTICAL METHODS SUMMARY

H0C020413

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H0C020413

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LV68P	001	WGK-BIGMO-SVE-LINE A-V	03/01/10	14:50

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H0C020413

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Custody seals were not present.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

The samples were received on 3/2/10 in Tedlar bags and transferred into Summa Canisters within 72 hours of sampling.

The EPA method requires that all target analytes in the continuing calibration verification standard be within 30% difference from the initial calibration. According to the laboratory standard operating procedure, the continuing calibration is acceptable if it meets the laboratory control sample acceptance criteria. Even though the calibration verification analyzed on 3/3/10 exhibited a % difference of > 30% for 1,2,4-trichlorobenzene, the results were within the LCS acceptance limits.

TestAmerica Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Lab #88-0688, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Lab #PH-0223, Florida DOH Lab #E87177, Georgia DNR Lab #906, Hawaii DOH, Illinois EPA Lab #200012, Indiana DOH Lab #C-TN-02, Iowa DNR Lab #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH, Maryland DOE Cert. #277, Michigan DEQ Lab #9933, Nevada DEP, New Jersey DEP Lab #TN001, New York DOH Lab #10781, North Carolina DPH Lab #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Lab #CL0059, Oklahoma DEQ Lab #9415, Pennsylvania DEP Lab #68-00576, South Carolina DHEC Cert #84001001, Tennessee DOH Lab #02014, Texas CEQ, Utah DOH Lab # QUAN3, Virginia DGS Lab #00165, Washington DOE Lab #C1314, West Virginia DEP Cert. #345, West Virginia DHHR Cert #9955C, Wisconsin DNR Lab #998044300, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

TestAmerica Savannah

Client Sample ID: WGK-BIGMO-SVE-LINE A-V

GC/MS Volatiles

Lot-Sample #...: H0C020413-001 **Work Order #...:** LV68P1AA **Matrix.....:** AIR
Date Sampled...: 03/01/10 **Date Received..:** 03/02/10
Prep Date.....: 03/03/10 **Analysis Date..:** 03/03/10
Prep Batch #...: 0063090
Dilution Factor: 116226.6 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	23000	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	23000	ppb(v/v)
Chloromethane	ND	58000	ppb(v/v)
Vinyl chloride	ND	23000	ppb(v/v)
Bromomethane	ND	23000	ppb(v/v)
Chloroethane	ND	23000	ppb(v/v)
Trichlorofluoromethane	ND	23000	ppb(v/v)
1,1-Dichloroethene	ND	23000	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	23000	ppb(v/v)
Methylene chloride	ND	58000	ppb(v/v)
1,1-Dichloroethane	ND	23000	ppb(v/v)
cis-1,2-Dichloroethene	ND	23000	ppb(v/v)
Chloroform	ND	23000	ppb(v/v)
1,1,1-Trichloroethane	ND	23000	ppb(v/v)
Carbon tetrachloride	ND	23000	ppb(v/v)
Benzene	**3500000**	**23000**	**ppb(v/v)**
1,2-Dichloroethane	ND	23000	ppb(v/v)
Trichloroethene	ND	23000	ppb(v/v)
1,2-Dichloropropane	ND	23000	ppb(v/v)
cis-1,3-Dichloropropene	ND	23000	ppb(v/v)
Toluene	ND	23000	ppb(v/v)
trans-1,3-Dichloropropene	ND	23000	ppb(v/v)
1,1,2-Trichloroethane	ND	23000	ppb(v/v)
Tetrachloroethene	ND	23000	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	23000	ppb(v/v)
Chlorobenzene	ND	23000	ppb(v/v)
Ethylbenzene	ND	23000	ppb(v/v)
m-Xylene & p-Xylene	ND	23000	ppb(v/v)
o-Xylene	ND	23000	ppb(v/v)
Styrene	ND	23000	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	23000	ppb(v/v)
1,3,5-Trimethylbenzene	ND	23000	ppb(v/v)
1,2,4-Trimethylbenzene	ND	23000	ppb(v/v)
1,3-Dichlorobenzene	ND	23000	ppb(v/v)
1,4-Dichlorobenzene	ND	23000	ppb(v/v)
1,2-Dichlorobenzene	ND	23000	ppb(v/v)
Benzyl chloride	ND	46000	ppb(v/v)

(Continued on next page)

TestAmerica Savannah

Client Sample ID: WGK-BIGMO-SVE-LINE A-V

GC/MS Volatiles

Lot-Sample #...: H0C020413-001 **Work Order #...:** LV68P1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	120000	ppb(v/v)
Hexachlorobutadiene	ND	120000	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	86	(60 - 140)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 **Work Order #...:** LV9M61AA **Matrix.....:** AIR
MB Lot-Sample #: H0C040000-090

Prep Date.....: 03/03/10
Analysis Date..: 03/03/10 **Prep Batch #...:** 0063090
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb(v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Styrene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzyl chloride	ND	0.40	ppb(v/v)	EPA-2 TO-15
1,2,4-Trichloro-benzene	ND	1.0	ppb(v/v)	EPA-2 TO-15

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 **Work Order #...:** LV9M61AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	1.0	ppb(v/v)	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	91	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 Work Order #...: LV9M61AC Matrix.....: AIR
LCS Lot-Sample#: H0C040000-090
Prep Date.....: 03/03/10 Analysis Date..: 03/03/10
Prep Batch #...: 0063090
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	93	(60 - 140)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	92	(60 - 140)	EPA-2 TO-15
Chloromethane	98	(60 - 140)	EPA-2 TO-15
Vinyl chloride	91	(70 - 130)	EPA-2 TO-15
Bromomethane	82	(70 - 130)	EPA-2 TO-15
Chloroethane	84	(70 - 130)	EPA-2 TO-15
Trichlorofluoromethane	100	(60 - 140)	EPA-2 TO-15
1,1-Dichloroethene	111	(70 - 130)	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	99	(70 - 130)	EPA-2 TO-15
Methylene chloride	100	(70 - 130)	EPA-2 TO-15
1,1-Dichloroethane	93	(70 - 130)	EPA-2 TO-15
cis-1,2-Dichloroethene	98	(70 - 130)	EPA-2 TO-15
Chloroform	88	(70 - 130)	EPA-2 TO-15
1,1,1-Trichloroethane	92	(70 - 130)	EPA-2 TO-15
Carbon tetrachloride	85	(70 - 130)	EPA-2 TO-15
Benzene	81	(70 - 130)	EPA-2 TO-15
1,2-Dichloroethane	87	(70 - 130)	EPA-2 TO-15
Trichloroethene	97	(70 - 130)	EPA-2 TO-15
1,2-Dichloropropane	88	(70 - 130)	EPA-2 TO-15
cis-1,3-Dichloropropene	95	(70 - 130)	EPA-2 TO-15
Toluene	94	(70 - 130)	EPA-2 TO-15
trans-1,3-Dichloropropene	107	(70 - 130)	EPA-2 TO-15
1,1,2-Trichloroethane	99	(70 - 130)	EPA-2 TO-15
Tetrachloroethene	92	(70 - 130)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	101	(70 - 130)	EPA-2 TO-15
Chlorobenzene	99	(70 - 130)	EPA-2 TO-15
Ethylbenzene	99	(70 - 130)	EPA-2 TO-15
m-Xylene & p-Xylene	105	(70 - 130)	EPA-2 TO-15
o-Xylene	99	(70 - 130)	EPA-2 TO-15
Styrene	118	(70 - 130)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	102	(70 - 130)	EPA-2 TO-15
1,3,5-Trimethylbenzene	119	(70 - 130)	EPA-2 TO-15

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 **Work Order #...:** LV9M61AC **Matrix.....:** AIR
LCS Lot-Sample#: H0C040000-090

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trimethylbenzene	**116**	**(70 - 130)**	**EPA-2 TO-15**
1,3-Dichlorobenzene	**111**	**(70 - 130)**	**EPA-2 TO-15**
1,4-Dichlorobenzene	**111**	**(70 - 130)**	**EPA-2 TO-15**
1,2-Dichlorobenzene	**117**	**(70 - 130)**	**EPA-2 TO-15**
Benzyl chloride	**108**	**(70 - 130)**	**EPA-2 TO-15**
1,2,4-Trichloro-benzene	**137**	**(60 - 140)**	**EPA-2 TO-15**
Hexachlorobutadiene	**124**	**(60 - 140)**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 Work Order #...: LV9M61AC Matrix.....: AIR
LCS Lot-Sample#: H0C040000-090
Prep Date.....: 03/03/10 Analysis Date..: 03/03/10
Prep Batch #...: 0063090
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	5.00	4.66	ppb(v/v)	93	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	5.00	4.58	ppb(v/v)	92	EPA-2 TO-15
Chloromethane	5.00	4.92	ppb(v/v)	98	EPA-2 TO-15
Vinyl chloride	5.00	4.54	ppb(v/v)	91	EPA-2 TO-15
Bromomethane	5.00	4.08	ppb(v/v)	82	EPA-2 TO-15
Chloroethane	5.00	4.19	ppb(v/v)	84	EPA-2 TO-15
Trichlorofluoromethane	5.00	4.99	ppb(v/v)	100	EPA-2 TO-15
1,1-Dichloroethene	5.00	5.56	ppb(v/v)	111	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	5.00	4.95	ppb(v/v)	99	EPA-2 TO-15
Methylene chloride	5.00	5.02	ppb(v/v)	100	EPA-2 TO-15
1,1-Dichloroethane	5.00	4.63	ppb(v/v)	93	EPA-2 TO-15
cis-1,2-Dichloroethene	5.00	4.91	ppb(v/v)	98	EPA-2 TO-15
Chloroform	5.00	4.38	ppb(v/v)	88	EPA-2 TO-15
1,1,1-Trichloroethane	5.00	4.59	ppb(v/v)	92	EPA-2 TO-15
Carbon tetrachloride	5.00	4.25	ppb(v/v)	85	EPA-2 TO-15
Benzene	5.00	4.07	ppb(v/v)	81	EPA-2 TO-15
1,2-Dichloroethane	5.00	4.37	ppb(v/v)	87	EPA-2 TO-15
Trichloroethene	5.00	4.84	ppb(v/v)	97	EPA-2 TO-15
1,2-Dichloropropane	5.00	4.38	ppb(v/v)	88	EPA-2 TO-15
cis-1,3-Dichloropropene	5.00	4.77	ppb(v/v)	95	EPA-2 TO-15
Toluene	5.00	4.71	ppb(v/v)	94	EPA-2 TO-15
trans-1,3-Dichloropropene	5.00	5.37	ppb(v/v)	107	EPA-2 TO-15
1,1,2-Trichloroethane	5.00	4.94	ppb(v/v)	99	EPA-2 TO-15
Tetrachloroethene	5.00	4.62	ppb(v/v)	92	EPA-2 TO-15
1,2-Dibromoethane (EDB)	5.00	5.04	ppb(v/v)	101	EPA-2 TO-15
Chlorobenzene	5.00	4.94	ppb(v/v)	99	EPA-2 TO-15
Ethylbenzene	5.00	4.97	ppb(v/v)	99	EPA-2 TO-15
m-Xylene & p-Xylene	10.0	10.5	ppb(v/v)	105	EPA-2 TO-15
o-Xylene	5.00	4.96	ppb(v/v)	99	EPA-2 TO-15
Styrene	5.00	5.90	ppb(v/v)	118	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	5.00	5.10	ppb(v/v)	102	EPA-2 TO-15
1,3,5-Trimethylbenzene	5.00	5.96	ppb(v/v)	119	EPA-2 TO-15

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0C020413 **Work Order #...:** LV9M61AC **Matrix.....:** AIR
LCS Lot-Sample#: H0C040000-090

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,4-Trimethylbenzene	5.00	5.82	ppb(v/v)	116	EPA-2 TO-15
1,3-Dichlorobenzene	5.00	5.57	ppb(v/v)	111	EPA-2 TO-15
1,4-Dichlorobenzene	5.00	5.56	ppb(v/v)	111	EPA-2 TO-15
1,2-Dichlorobenzene	5.00	5.84	ppb(v/v)	117	EPA-2 TO-15
Benzyl chloride	5.00	5.42	ppb(v/v)	108	EPA-2 TO-15
1,2,4-Trichloro-benzene	5.00	6.84	ppb(v/v)	137	EPA-2 TO-15
Hexachlorobutadiene	5.00	6.19	ppb(v/v)	124	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Chain of Custody Record

140-D204113

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Reggie Gardner - PSC	Lab PM: Lidya Gulizia	Carrier Tracking No(s): FEDEX	COC No:
Client Contact: William Johnson	Phone: 618-407-3811	E-Mail: rgardner@pscnow.com		Page: 1 of 1
Company: Solutia Inc.				TA Job #:
Address: 575 Maryville Centre Dr.	Due Date Requested:			
City: Saint Louis	TAT Requested (days): Standard			
State, Zip: Missouri 63141				
Phone: 603-778-1100 x234	PO #:			
Email: crawford@xdd-llc.com	WO #:			
Project Name: XDD - Solutia BIG MO	Project #: Solutia - Sauget BIG MO			
Site: Sauget, IL	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	US EPA TO-15 (Level 2)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WGK-BIGMO-SVE-Line A-V	3/1/2010	1450	G	A			x		
~~WGK-BIGMO-TMX-INF-A~~	~~1/2009~~		~~G~~	~~A~~			~~x~~		
NO CUSTODY SEALS									
RELEIVED AT AMBIENT TEMP									
DKD 3-2-10									
1 BOX FEDX # 8679 8426 6936									

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Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3/1/10 @ 1730	PSC	[signature]	3-2-10 10:15	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

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TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: H0L0204113

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **1a** Do not match COC ☐ **1b** Incomplete information ☐ **1c** Marking smeared ☐ **1d** Label torn ☐ **1e** No label ☐ **1f** COC not received ☐ **1g** Other:	NA
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6 °C)			✓	☐ **2a** Temp Blank = _____ ☐ **2b** Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **3a** Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?		✓		☑ **4a** Not present ☐ **4b** Not intact ☐ **4c** Other:	
5. Were all of the samples listed on the COC received?	✓			☐ **5a** Samples received-not on COC ☐ **5b** Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ **6a** Leaking ☐ **6b** Broken	
7. Were VOA samples received without headspace?		✓		☐ **7a** Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ **8a** Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ **9a** Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ **10a** Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For 1613B water samples is pH<9?			✓	If no, was pH adjusted to pH 7 - 9 with sulfuric acid? _____	
13. Are the shipping containers intact?	✓			☐ **13a** Leaking ☐ **13b** Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **14a** Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ **15a** Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ **15a** Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ **15a** Incomplete information	
18. Is the client and project name/# identified?	✓			☐ **15a** Incomplete information	
19. Was the sampler identified on the COC?		✓			

Quote #: 80010 PM Instructions: _____

Sample Receiving Associate: [signature] Date: 3-2-10

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Test America - Knoxville ---- Air Canister Dilution Log

Lot Number: *H0C020413*

Initial Can Pressure							Subsequent Dilutions											
Analyst/Date	Tedlar Bag Time	Pbarr (in)	Sample ID	Can #	Pres. upon receipt (-in or + psig)	Adj. Initial Pres. (-in or + psig)	Analyst/Date	I / S	Pbarr (in)	Initial Pres. Pi (in)	Final Pres. Pf (psig)	First InCan Final Pres. Pf (psig)	Second In-can Final Pres. Pf (psig)	Third InCan Final Pres. Pf (psig)	Serial Dilution Can #	Vol (mL)	Final Pres. Pf (psig)	Comments
DDF 3-3-10	0915	28.87	LV68P	93074									+30.0		93074	2	+29.9	