

Report to:

Invoice to:

ANALYSIS REQUESTED

Turn Around Time

Company: IT Arlington
 Address: 7015 Medberry Dr
Arlington TX 76019

Company: IT Arlington
 Address: 7015 Medberry Dr
Arlington TX 76071

Sampler Name: Ms Sasha Jones
 Sampler's Signature: [Signature]

Standard 10 Days:
 Same Day: (rate + 200%)
 1 Day: (rate + 100%)
 2 Day: (rate + 50%)
 3-5 Day: (rate + 25%)

15 TOTAL PAGES
 PAGE 1 OF 1

Contact: Dr. Sasha Jones
 Phone: _____
 Fax: _____
 Email: Sasha.jones@itva.edu

Contact: Dr. Pharnel Noyola
 Phone: 75461 @ itva.edu
 PO/SO: _____

Lab Approval: _____
 Please initial selection for TAT subject to lab approval

Proj. No. _____
 Project Name _____

<input type="checkbox"/>	TO-14VOCs
<input checked="" type="checkbox"/>	TO-15VOCs
<input type="checkbox"/>	TO-1 and/or TO-2
<input type="checkbox"/>	FIXED GASSES (CO ₂ , CO, O ₂ , N ₂ , CH ₄)
<input type="checkbox"/>	Light Hydrocarbons (C ₁ -C ₆)
<input type="checkbox"/>	Headspace (Please specify compounds)
<input type="checkbox"/>	Mercaptans & Organic Sulfur Compounds
<input type="checkbox"/>	TICs by GC/MS SCAN
<input type="checkbox"/>	RSK-175 (Methane, ethane, ethene)

MOLD ID OTHER

Lab Sample ID (Lab Use Only): GD23-068-1

Date	Time	Can #	Identifying Marks of Sample(s)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3/16	7:15	R9925	Spound during curing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3/16	7:40	R9926	Spound during curing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3/16	7:15	R3390	Terminal manhole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3/16	14:00	R9923	Insertion Manhole	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3/16	15:00	R9929	Terminal manhole during	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Relinquished by: (Signature)				Date	Time	Received by: (Signature)	Date	Time	Remarks									
Relinquished by: (Signature)				Date	Time	Received by: (Signature)	Date	Time	Sample GD23-068-1 failed to take a valid sample. Not analyzed on 3/23/23. Any change for Analysis Request should be submitted by a written document									

Sample GD23-068-1 was not shipped to the lab at this time. 3/23/23



CLIENT: **Dr. Sasha Jones**
UT Arlington
1221 W. Mitchell St, Rm 139
Arlington, TX 76019
sasha.jones2@uta.edu

GD Air Testing Lab. ID: **GD23-068-2**
 Report Date: **03/23/23**
 Date Analyzed: **03/22/23**
 Analyzed by: **JA**
 GD Air QC Batch: **QC-032223**
 Method: **EPA TO15**
 NELAP ID: **T104704364-22-17**

Project Name.: **NA**

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED		NOTE
			03/16/23	03/21/23	
Downwind During Curing	Air	Dr. Sasha Jones			
CONSTITUENT	MW	CAS	PQL*	RESULT	
			ppbv	ppbv	ug/m ³
Acetone	58	67-64-1	0.69	3.62	8.59 T
Benzene	78	71-43-2	0.69	ND	ND
Benzylchloride	126.6	100-44-7	0.69	ND	ND
Bromodichloromethane	164	75-27-4	0.69	ND	ND
Bromoform	253	75-25-2	0.69	ND	ND J
Bromomethane (Methyl Bromide)	94.9	74-83-9	0.69	ND	ND
1,3-Butadiene	54	106-99-0	0.69	ND	ND
Carbon disulfide	76	75-15-0	0.69	ND	ND T
Carbon tetrachloride	153.8	56-23-5	0.69	ND	ND
Chlorobenzene	112.6	108-90-7	0.69	ND	ND
Chloroethane (Ethyl Chloride)	64.5	75-00-3	0.69	ND	ND
Chloroform	119	67-66-3	0.69	ND	ND
Chloromethane (Methyl Chloride)	50.4	74-87-3	0.69	ND	ND
3-Chloro-1-Propene (Allyl Chloride)	77	107-05-1	0.69	ND	ND T
Cyclohexane	84	110-82-7	0.69	ND	ND
Dibromochloromethane	208	124-48-1	0.69	ND	ND
1,2-Dibromoethane (EDB)	187.9	106-93-4	0.69	ND	ND
1,2-Dichlorobenzene	147	95-50-1	0.69	ND	ND
1,3-Dichlorobenzene	147	541-73-1	0.69	ND	ND
1,4-Dichlorobenzene	147	106-46-7	0.69	ND	ND
1,1-Dichloroethane	99	75-34-3	0.69	ND	ND
1,1-Dichloroethene	97	75-35-4	0.69	ND	ND
Dichlorodifluoromethane (F12)	120.9	75-71-8	0.69	ND	ND
Dichlorotetrafluoroethane (F114)	170.9	76-14-2	0.69	ND	ND
1,2-Dichloroethane (EDC)	99	107-06-2	0.69	ND	ND
cis-1,2-Dichloroethene	97	156-59-2	0.69	ND	ND
trans-1,2-Dichloroethene	97	156-60-5	0.69	ND	ND
Dichloromethane (Methylene chloride)	84.9	75-09-2	0.69	ND	ND
1,2-Dichloropropane	113	78-87-5	0.69	ND	ND
cis-1,3-Dichloropropene	111	10061-01-5	0.69	ND	ND
trans-1,3-Dichloropropene	111	10061-02-6	0.69	ND	ND
1,4-Dioxane	88	123-91-1	0.69	ND	ND
Ethyl acetate	88	141-78-6	0.69	ND	ND T
Ethylbenzene	106	100-41-4	0.69	ND	ND



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GD Air Testing Lab. ID: GD23-068-2
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED, CONSTITUENT, MW, CAS, PQL*, RESULT, NOTE. Rows include various chemical compounds like 4-Ethyltoluene, Heptane, Hexachlorobutadiene, etc.



CLIENT: Dr. Sasha Jones
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Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with 4 columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED. Row 1: Downwind During Curing, Air, Dr. Sasha Jones, 03/16/23, 03/21/23

Tentatively Identified Compounds (TIC)

Table with 6 columns: Compound Name, Concentration, ID, Spiked, Found, N. Rows: Cumene, Acetophenone

Surrogate Recovery Report

Table with 6 columns: Compound Name, Concentration, ID, Spiked (ppbv), Found (ppbv), R%. Rows: 1,4-Difluorobenzene (SS1), Bromofluorobenzene (SS2)

*Comparison with the method blank this sample run with a dilution factor of: 1.37
Canister #R9926 was received at an initial pressure of -0.87psi and pressurized to 4.19psi.
N: Instrument calibration not performed for this analyte. Analyte determined as TIC and concentration is an estimate.
T: The State of Texas (TCEQ) does not offer accreditation for this compound.
J: Estimated value; compound failed QA/QC or method criteria.
E: Estimated value; the compound was over the calibration range.
Z: Surrogate recovery was outside acceptable limits.
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).
* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.
*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.
*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

Signature: George Dai, Ph.D.
Laboratory Director

Data File: 03222312.D
Report File: Reports\GD23-068-2



CLIENT: **Dr. Sasha Jones**
UT Arlington
1221 W. Mitchell St, Rm 139
Arlington, TX 76019
sasha.jones2@uta.edu

GD Air Testing Lab. ID: **GD23-068-3**
 Report Date: **03/23/23**
 Date Analyzed: **03/22/23**
 Analyzed by: **JA**
 GD Air QC Batch: **QC-032223**
 Method: **EPA TO15**
 NELAP ID: **T104704364-22-17**

Project Name.: **NA**

REPORT OF ANALYTICAL RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY	SAMPLED DATE /RECEIVED		NOTE	
			03/16/23	03/21/23		
Terminal Manhole	Air	Dr. Sasha Jones				
CONSTITUENT	MW	CAS	PQL*	RESULT		
			ppbv	ppbv	ug/m ³	
Acetone	58	67-64-1	0.68	ND	ND	T
Benzene	78	71-43-2	6.80	107	341	
Benzylchloride	126.6	100-44-7	0.68	ND	ND	
Bromodichloromethane	164	75-27-4	0.68	ND	ND	
Bromoform	253	75-25-2	0.68	ND	ND	J
Bromomethane (Methyl Bromide)	94.9	74-83-9	0.68	ND	ND	
1,3-Butadiene	54	106-99-0	0.68	4.03	8.90	
Carbon disulfide	76	75-15-0	0.68	ND	ND	T
Carbon tetrachloride	153.8	56-23-5	0.68	ND	ND	
Chlorobenzene	112.6	108-90-7	0.68	1.76	8.11	
Chloroethane (Ethyl Chloride)	64.5	75-00-3	0.68	ND	ND	
Chloroform	119	67-66-3	0.68	ND	ND	
Chloromethane (Methyl Chloride)	50.4	74-87-3	0.68	ND	ND	
3-Chloro-1-Propene (Allyl Chloride)	77	107-05-1	0.68	ND	ND	T
Cyclohexane	84	110-82-7	6.80	122	419	
Dibromochloromethane	208	124-48-1	0.68	ND	ND	
1,2-Dibromoethane (EDB)	187.9	106-93-4	0.68	ND	ND	
1,2-Dichlorobenzene	147	95-50-1	0.68	ND	ND	
1,3-Dichlorobenzene	147	541-73-1	0.68	ND	ND	
1,4-Dichlorobenzene	147	106-46-7	0.68	ND	ND	
1,1-Dichloroethane	99	75-34-3	0.68	ND	ND	
1,1-Dichlorethene	97	75-35-4	0.68	ND	ND	
Dichlorodifluoromethane (F12)	120.9	75-71-8	0.68	ND	ND	
Dichlorotetrafluoroethane (F114)	170.9	76-14-2	0.68	ND	ND	
1,2-Dichloroethane (EDC)	99	107-06-2	0.68	ND	ND	
cis-1,2-Dichloroethene	97	156-59-2	0.68	ND	ND	
trans-1,2-Dichloroethene	97	156-60-5	0.68	ND	ND	
Dichloromethane (Methylene chloride)	84.9	75-09-2	0.68	ND	ND	
1,2-Dichloropropane	113	78-87-5	0.68	ND	ND	
cis-1,3-Dichloropropene	111	10061-01-5	0.68	ND	ND	
trans-1,3-Dichloropropene	111	10061-02-6	0.68	ND	ND	
1,4-Dioxane	88	123-91-1	0.68	ND	ND	
Ethyl acetate	88	141-78-6	0.68	ND	ND	T
Ethylbenzene	106	100-41-4	6.80	115	499	



CLIENT: Dr. Sasha Jones
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GD Air Testing Lab. ID: GD23-068-3
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED, MW, CAS, PQL*, RESULT, NOTE. Rows include various chemical constituents like 4-Ethyltoluene, Heptane, Hexachlorobutadiene, etc.



CLIENT: Dr. Sasha Jones
UT Arlington
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GD Air Testing Lab. ID: GD23-068-3
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Page 3 of 3

Table with 4 columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED. Row 1: Terminal Manhole, Air, Dr. Sasha Jones, 03/16/23, 03/21/23

Tentatively Identified Compounds (TIC)

Table with 6 columns: Compound Name, Concentration 1, Sample ID 1, Concentration 2, Sample ID 2, Status. Rows: Cumene, Acetophenone

Surrogate Recovery Report

Table with 6 columns: Compound Name, Concentration 1, Sample ID 1, Spiked (ppbv), Found (ppbv), R%. Rows: 1,4-Difluorobenzene (SS1), Bromofluorobenzene (SS2)

*Comparison with the method blank this sample run with a dilution factor of: 1.36
Canister #R3390 was received at an initial pressure of -0.56psi and pressurized to 4.46psi.
N: Instrument calibration not performed for this analyte. Analyte determined as TIC and concentration is an estimate.
T: The State of Texas (TCEQ) does not offer accreditation for this compound.
J: Estimated value; compound failed QA/QC or method criteria.
E: Estimated value; the compound was over the calibration range.
Z: Surrogate recovery was outside acceptable limits.
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).
* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.
*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.
*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.

Signature: JA for Dr. Dai

George Dai, Ph.D.
Laboratory Director

Data File: 03222313.D
Report File: Reports\GD23-068-3



CLIENT: Dr. Sasha Jones
UT Arlington
1221 W. Mitchell St, Rm 139
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GD Air Testing Lab. ID: GD23-068-5
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with 7 columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED, MW, CAS, PQL*, RESULT, NOTE. Rows include various chemical constituents like Acetone, Benzene, Benzylchloride, etc.



CLIENT: Dr. Sasha Jones
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Arlington, TX 76019
sasha.jones2@uta.edu

GD Air Testing Lab. ID: GD23-068-5
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED, MW, CAS, PQL*, RESULT, NOTE. Includes rows for various chemical constituents like 4-Ethyltoluene, Heptane, Hexachlorobutadiene, etc.



CLIENT: Dr. Sasha Jones
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GD Air Testing Lab. ID: GD23-068-5
Report Date: 03/23/23
Date Analyzed: 03/22/23
Analyzed by: JA
GD Air QC Batch: QC-032223
Method: EPA TO15
NELAP ID: T104704364-22-17

Project Name.: NA

REPORT OF ANALYTICAL RESULTS

Table with 4 columns: SAMPLE DESCRIPTION, MATRIX, SAMPLE BY, SAMPLED DATE /RECEIVED. Row 1: Terminal Manhole Curing, Air, Dr. Sasha Jones, 03/16/23, 03/21/23

Tentatively Identified Compounds (TIC)

Table with 7 columns: Compound Name, Concentration, ID, Spiked, Found, ND, N. Rows: Cumene, Acetophenone

Surrogate Recovery Report

Table with 6 columns: Compound Name, Concentration, ID, Spiked (ppbv), Found (ppbv), R%. Rows: 1,4-Difluorobenzene (SS1), Bromofluorobenzene (SS2)

*Comparison with the method blank this sample run with a dilution factor of: 1.25
Canister #R9924 was received at an initial pressure of +0.22psi and pressurized to 3.92psi.
N: Instrument calibration not performed for this analyte. Analyte determined as TIC and concentration is an estimate.
T: The State of Texas (TCEQ) does not offer accreditation for this compound.
J: Estimated value; compound failed QA/QC or method criteria.
E: Estimated value; the compound was over the calibration range.
Z: Surrogate recovery was outside acceptable limits.
*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).
* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.
*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.
*QA/QC reports followed this report include: Method blank, Blank spike (BS) and Blank spike duplicate (BSD)

Respectfully submitted
GD Air Testing, Inc.
George Dai, Ph.D.
Laboratory Director

Data File: 03222314.D
Report File: Reports\GD23-068-5



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

Method Blank

Report Date:

03/23/23

Date Analyzed:

03/22/23

Analyzed by:

JA

GD Air QC Batch:

QC-032223

Project No.: QC

Method:

EPA TO15

NELAP Certification #

T104704364-22-17

REPORT OF METHOD BLANK RESULTS

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED		
BLANK	Air					
CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE	
			ppbv	ppbv ug/cu M		
Acetone	58	67641	0.50	ND	ND	T
Benzene	78	71432	0.50	ND	ND	
Benzylchloride	127	100447	0.50	ND	ND	
Bromodichloromethane	164	75274	0.50	ND	ND	
Bromoform	253	75252	0.50	ND	ND	
Bromomethane (Methyl Bromide)	95	74839	0.50	ND	ND	
1,3-Butadiene	54	106990	0.50	ND	ND	
Carbon disulfide	76	75150	0.50	ND	ND	T
Carbon tetrachloride	154	56235	0.50	ND	ND	
Chlorobenzene	113	108907	0.50	ND	ND	
Chloroethane (Ethyl Chloride)	65	75003	0.50	ND	ND	
Chloroform	119	67663	0.50	ND	ND	
Chloromethane (Methyl Chloride)	50	74873	0.50	ND	ND	
3-Chloro-1-Propene (Allyl Chloride)	77	107051	0.50	ND	ND	T
Cyclohexane	84	110827	0.50	ND	ND	
Dibromochloromethane	208	124481	0.50	ND	ND	
1,2-Dibromoethane (EDB)	188	106934	0.50	ND	ND	
1,2-Dichlorobenzene	147	95501	0.50	ND	ND	
1,3-Dichlorobenzene	147	541731	0.50	ND	ND	
1,4-Dichlorobenzene	147	106467	0.50	ND	ND	
1,1-Dichloroethane	99	75343	0.50	ND	ND	
1,1-Dichlorethene	97	75354	0.50	ND	ND	
Dichlorodifluoromethane (F12)	121	75718	0.50	ND	ND	
Dichlorotetrafluoroethane (F114)	171	76142	0.50	ND	ND	
1,2-Dichloroethane (EDC)	99	107062	0.50	ND	ND	
cis-1,2-Dichloroethene	97	156592	0.50	ND	ND	
trans-1,2-Dichloroethene	97	156605	0.50	ND	ND	
Dichloromethane (Methylene chloride)	85	75092	0.50	ND	ND	
1,2-Dichloropropane	113	78875	0.50	ND	ND	
cis-1,3-Dichloropropene	111	10061015	0.50	ND	ND	
trans-1,3-Dichloropropene	111	10061026	0.50	ND	ND	
1,4-Dioxane	88	123911	0.50	ND	ND	
Ethyl acetate	88	141786	0.50	ND	ND	T
Ethylbenzene	106	100414	0.50	ND	ND	



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

Method Blank

Report Date:

03/23/23

Date Analyzed:

03/22/23

Analyzed by:

JA

GD Air QC Batch:

QC-032223

Project No.: QC

Method:

EPA TO15

NELAP Certification #

T104704364-22-17

REPORT OF METHOD BLANK RESULTS

Page 2 of 3

SAMPLE DESCRIPTION	MATRIX	SAMPLE BY		SAMPLED DATE /RECEIVED		
BLANK	Air					
CONSTITUENT	MW	CAS	PQL*	RESULT	NOTE	
			ppbv	ppbv ug/cu M		
4-Ethyltoluene	120	622968	0.50	ND	ND	
Heptane	100	142825	0.50	ND	ND	
Hexachlorobutadiene	261	87683	0.50	ND	ND	
Hexane	86	110543	0.50	ND	ND	
Isopropanol	60	67630	0.50	ND	ND	T
Methyl t-butyl ether (MTBE)	88	1634044	0.50	ND	ND	
Methyl butyl ketone (2-Hexanone)	100	591786	0.50	ND	ND	T
Methyl ethyl ketone (MEK)	72	78933	0.50	ND	ND	
Methyl isobutyl ketone (MIBK)	100	108101	0.50	ND	ND	
Propene	44	115071	0.50	ND	ND	
Styrene	104	100425	0.50	ND	ND	
1,1,2,2-Tetrachloroethane	168	79345	0.50	ND	ND	
Tetrachloroethene (PCE)	166	127184	0.50	ND	ND	
Tetrahydrofuran (THF)	72	109999	0.50	ND	ND	T
Toluene	92	108883	0.50	ND	ND	
1,1,1-Trichloroethane (TCA)	133	71556	0.50	ND	ND	
1,1,2-Trichloroethane	133	79005	0.50	ND	ND	
1,3,5-Trimethylbenzene	120	108678	0.50	ND	ND	
1,2,4-Trimethylbenzene	120	95636	0.50	ND	ND	
2,2,4-Trimethylpentane	114	540841	0.50	ND	ND	
1,2,4-Trichlorobenzene	182	120821	1.00	ND	ND	
Trichloroethene (TCE)	131	79016	0.50	ND	ND	
Trichlorofluoromethane (F-11)	137	75694	0.50	ND	ND	
Trichlorotrifluoroethane (F-113)	187	76131	0.50	ND	ND	
Vinyl acetate	86	108054	0.50	ND	ND	
Vinyl bromide (Bromoethene)	107	593602	0.50	ND	ND	
Vinyl chloride	63	75014	0.50	ND	ND	
m&p-Xylenes	106	1330207	1.00	ND	ND	
o-Xylene	106	95476	0.50	ND	ND	



CLIENT: GD Air Testing, Inc.

GD Air Testing Lab. ID:

Method Blank

Report Date:

03/23/23

Date Analyzed:

03/22/23

Analyzed by:

JA

GD Air QC Batch:

QC-032223

Project No.: QC

Method:

EPA TO15

NELAP Certification #

T104704364-22-17

REPORT OF METHOD BLANK RESULTS

Surrogate Recovery Report

			Spiked ppbv	Found ppbv	R%
1,4-Difluorobenzene (SS1)	118.1	540363	1.00	1.02	102
Bromofluorobenzene (SS2)	175	460004	1.00	0.91	91

*Comparison with the method blank this sample run with a dilution factor of: **1.0**

J: Estimated value, compound failed the initial calibration criteria.

T: The State of Texas (TCEQ) does not offer accreditation for this compound.

Z: Surrogate recovery was outside acceptable limits.

*RESULTS Listed as 'ND' were not detected at or above the listed PQL (Practical Quantitation Limit).

* The control limit for Surrogate Recovery % of all spiked compound is 70% - 130%. Only one is required to pass.

*Concentrations in ug/cu M reported at 760 mm Hg pressure and 298 deg.K.

Respectfully submitted
GD Air Testing, Inc.

JA for Dr. Dai
George Dai, Ph.D.
Laboratory Director

Data File: 03222304-TO15.D
Report File: QC-23-TO15\Blank



Blank Spike/Blank Spike Duplicate Results (BS/BSD)

Lab: GD Air Testing, Inc. 1825 Summit Ave, Suite 200 Plano, TX 75074

Date Analyzed: Analyzed by: GD Air QC Batch: Method: NELAP Certification #:

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Table with 8 columns: Spike Control Compounds, Spiked ppbv, BS/ppbv, BS R%, BSD/ppbv, BSD R%, % RPD, Recovery Limits (%). Lists various chemical compounds and their corresponding test results.



Blank Spike/Blank Spike Duplicate Results

Lab: GD Air Testing, Inc.
1825 Summit Ave, Suite 200
Plano, TX 75074

Date Analyzed:
Analyzed by:
GD Air QC Batch:
Method:
NELAP Certification #:

03/22/23
JA
QC-032223
EPA TO15
T104704364-22-17
Page 2 of 2

Table with 8 columns: Spike Control Compounds, Spiked ppbv, BS/ppbv, Found and Recovery (BS R%, BSD/ppbv, BSD R%), % RPD, Recovery Limits (%). Rows include various chemical compounds like Trichloroethene, Heptane, etc., and a Surrogate Recovery Report section.

* Compound failed BS/BSD criteria. If detected in the sample, results should be considered as an estimated value.

The control limit for the %RPD of BS/BSD is 30%.

Z: Surrogate recovery was outside acceptable limits.

Respectfully Submitted

Signature: JG for Dr. Dai
George Dai, Ph.D.

Laboratory Director

Data File: 03222302,-03-TO15.D

Report File: D:\QC-TO15\BS-BSD