
Curtis & Tompkins, Ltd.
Analytical Laboratories, Since 1878

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 215610
ANALYTICAL REPORT

SOMA Environmental Engineering Inc.	Project : 2331
6620 Owens Dr.	Location : 3609 Int'l Blvd., Oakland
Pleasanton, CA 94588	Level : II

Sample ID	Lab ID
MW-6	215610-001

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 10/22/2009
Project Manager

NELAP # 01107CA

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**215610**
Client:	**SOMA Environmental Engineering Inc.**
Project:	**2331**
Location:	**3609 Int'l Blvd., Oakland**
Request Date:	**10/12/09**
Samples Received:	**10/12/09**

This data package contains sample and QC results for one water sample, requested for the above referenced project on 10/12/09. The sample was received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
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Berkeley, CA 94710
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C&T LOGIN # 215610

Sampler: Lizzie Hightower

Project No: 2331

Report To: Joyce Bobek

Project Name: 3609 International Blvd. Oakland CA

Company : SOMA Environmental

Turnaround Time: Standard

Telephone: 925-734-6400

Fax: 925-734-6401

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO3	ICE	Analysis: TPHg, BTEX, MtBE 8260B
	MW-6	10/12/09 12:41		*		3 VOAs	*			*	*

Notes: EDF OUTPUT REQUIRED

RELINQUISHED BY:	RECEIVED BY:
E. Hightower 10/12/09 18:35 DATE/TIME	Pat Hanaly 10/12/09 18:35 DATE/TIME
DATE/TIME	DATE/TIME
DATE/TIME	DATE/TIME

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 21610 Date Received 10-12-9 Number of coolers 1
Client SOMA ENV. Project 3609 INNA BLVD OAKLAND

Date Opened 10-12-9 By (print) S. EVANS (sign)
Date Logged in J By (print) J (sign)

1. Did cooler come with a shipping slip (airbill, etc) YES NO
   Shipping info
2A. Were custody seals present? ... ☐ YES (circle) on cooler on samples ☒ NO
   How many Name Date
2B. Were custody seals intact upon arrival? YES NO N/A
3. Were custody papers dry and intact when received? YES NO
4. Were custody papers filled out properly (ink, signed, etc)? YES NO
5. Is the project identifiable from custody papers? (If so fill out top of form) YES NO
6. Indicate the packing in cooler: (if other, describe)

☐ Bubble Wrap ☒ Foam blocks ☒ Bags ☐ None
☐ Cloth material ☐ Cardboard ☐ Styrofoam ☐ Paper towels

7. Temperature documentation:

Type of ice used: ☒ Wet ☐ Blue/Gel ☐ None Temp(°C)

☒ Samples Received on ice & cold without a temperature blank

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES NO
   If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? YES NO
10. Are samples in the appropriate containers for indicated tests? YES NO
11. Are sample labels present, in good condition and complete? YES NO
12. Do the sample labels agree with custody papers? YES NO
13. Was sufficient amount of sample sent for tests requested? YES NO
14. Are the samples appropriately preserved? YES NO N/A
15. Are bubbles > 6mm absent in VOA samples? YES NO N/A
16. Was the client contacted concerning this sample delivery? YES NO
   If YES, Who was called? By Date:

COMMENTS

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	215610	Location:	3609 Int'l Blvd., Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2331	Analysis:	EPA 8260B
Field ID:	MW-6	Sampled:	10/12/09
Matrix:	Water	Received:	10/12/09
Units:	ug/L	Analyzed:	10/21/09
Batch#:	156304		

Type: SAMPLE
Lab ID: 215610-001
Diln Fac: 6.250

Analyte	Result	RL
Gasoline C7-C12	2,000 Y	310
tert-Butyl Alcohol (TBA)	ND	63
MTBE	ND	3.1
Benzene	78	3.1
Toluene	16	3.1
Ethylbenzene	70	3.1
m,p-Xylenes	81	3.1
o-Xylene	17	3.1

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	117	75-137
Toluene-d8	111	80-120
Bromofluorobenzene	105	80-123

Type: BLANK
Lab ID: QC517606
Diln Fac: 1.000

Analyte	Result	RL
Gasoline C7-C12	ND	50
tert-Butyl Alcohol (TBA)	ND	10
MTBE	ND	0.50
Benzene	ND	0.50
Toluene	ND	0.50
Ethylbenzene	ND	0.50
m,p-Xylenes	ND	0.50
o-Xylene	ND	0.50

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	115	75-137
Toluene-d8	110	80-120
Bromofluorobenzene	110	80-123

Y= Sample exhibits chromatographic pattern which does not resemble standard
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	215610	Location:	3609 Int'l Blvd., Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2331	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	156304
Units:	ug/L	Analyzed:	10/21/09
Diln Fac:	1.000		

Type: BS Lab ID: QC517607

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	135.9	109	51-141
MTBE	25.00	24.93	100	70-120
Benzene	25.00	25.02	100	80-120
Toluene	25.00	27.98	112	80-120
Ethylbenzene	25.00	29.20	117	80-122
m,p-Xylenes	50.00	58.77	118	80-123
o-Xylene	25.00	27.57	110	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	114	75-137
Toluene-d8	110	80-120
Bromofluorobenzene	104	80-123

Type: BSD Lab ID: QC517608

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	140.1	112	51-141	3	20
MTBE	25.00	25.27	101	70-120	1	20
Benzene	25.00	25.19	101	80-120	1	20
Toluene	25.00	27.72	111	80-120	1	20
Ethylbenzene	25.00	29.23	117	80-122	0	20
m,p-Xylenes	50.00	57.52	115	80-123	2	20
o-Xylene	25.00	27.67	111	80-120	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	115	75-137
Toluene-d8	111	80-120
Bromofluorobenzene	101	80-123

RPD= Relative Percent Difference

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Batch QC Report

Gasoline by GC/MS

Lab #:	215610	Location:	3609 Int'l Blvd., Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2331	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	156304
Units:	ug/L	Analyzed:	10/21/09
Diln Fac:	1.000		

Type: BS Lab ID: QC517641

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	500.0	537.9	108	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	106	80-120
1,2-Dichloroethane-d4	119	75-137
Toluene-d8	110	80-120
Bromofluorobenzene	105	80-123

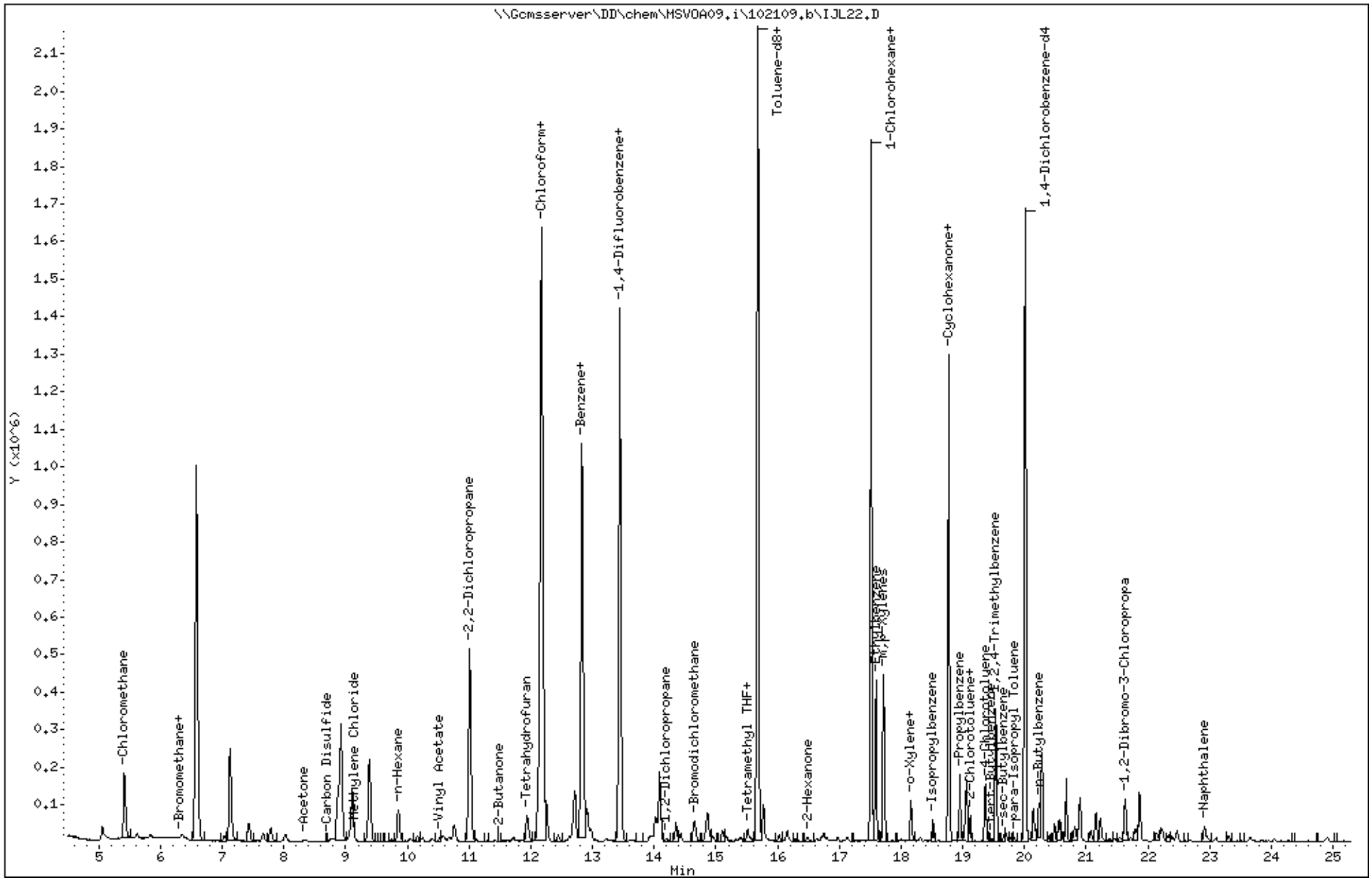
Type: BSD Lab ID: QC517642

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	500.0	530.9	106	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	116	75-137
Toluene-d8	110	80-120
Bromofluorobenzene	107	80-123

RPD= Relative Percent Difference

Data File: \\Gcmsserver\DD\chem\MSVOA09.i\102109.b\IJL22.D
Date : 21-OCT-2009 22:23
Client ID: DYNA P&T
Instrument: MSVOA09.i
Sample Info: S,215610-001
Purge Volume: 5.0
Operator: VOC
Column phase: RTx Volatiles
Column diameter: 0.25



Data File: \\Gcmsserver\DD\chem\MSVOA09.i\102109.b\IJL08TVH.D

Date : 21-OCT-2009 13:49

Client ID: DYNA P&T

Instrument: MSVOA09.i

Sample Info: CCV/BS,QC517641,156304,1/1,S12208,10000X

Operator: VOC

Column phase:

Column diameter: 2.00