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Clayton GROUP SERVICES

April 19, 2005

Mr. Barney Chan
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Clayton Project No. 70-03365.04

Subject: Investigation at Ennis Property
1069-1073 41st Street, Emeryville, California

Dear Mr. Chan:

On behalf of Green City Lofts (GCL), this report presents the results of the investigation conducted by Clayton Group Services (Clayton) at the subject property. The location of the subject property is shown on the Property Location Map (Figure 1). The investigation was performed in response to Alameda County Health Care Services (ACHCS) Local Oversight Program (LOP) letters dated October 14, 2004, December 21 and 29, 2004, and January 28, 2005, as well as in accordance with Clayton's *Request for Regulatory Case Closure and Workplan* dated November 22, 2004, and *Workplan Addendum* dated January 27, 2005.

The purpose of the investigation was to evaluate the extent of impacted soil and groundwater containing total petroleum hydrocarbons quantified as mineral spirits (TPH-ms) at the Ennis property), located at 1069-1073 41st Street, in Emeryville, California. The investigation was focused around an existing boring at the Ennis property where impacted subsurface conditions reportedly were observed. The scope of work, findings, conclusions, and recommendations are provided in the following sections of this report.

SCOPE OF WORK

The scope of work for the investigation consisted of drilling two (2) borehole transects, which included a total of six (6) soil borings (B-1 through B-6). The boring transects were located within the Ennis property, as shown on Figure 2. Each borehole transect was oriented in a generalized north-south alignment. The easternmost transect included three (3) soil borings (B-1 through B-3), which were positioned halfway between the

Ennis boring and Adeline Street. The westernmost transect also consisted of three soil borings (B-4 through B-6), which were positioned adjacent to the previously completed Ennis boring.

The soil borings were advanced for soil and grab groundwater sampling purposes. Drilling of the soil borings was accomplished with a limited-access drilling rig using direct-push drilling methods. Drilling activities were performed by Environmental Control Associates (ECA) of Aptos, California. The borings were drilled to depths between 14 and 16 feet below the ground surface (bgs) and were terminated upon encountering groundwater. Drilling operations were supervised by a California-licensed Registered Geologist.

The soil borings were continuously sampled to total depth. Recovered soil cores were examined for soil classification purposes and described on detailed boring logs in accordance with Unified Soil Classification System (USCS) guidelines. Soil samples for chemical analyses were obtained from each 4-foot-long coring interval at approximate depths of 3.5, 7.5, 11.5, and 13.5 feet bgs. Boring logs are provided in Appendix A.

Headspace tests were performed on soil samples retained from each core interval using an organic vapor monitor (OVM) to detect the potential presence of volatile organic compounds (VOCs). To initiate the headspace testing procedure, soil samples were removed from the plastic liners, placed into labeled plastic bags, and sealed for conducting the tests. After sufficient time elapsed for vapor buildup inside the bags, they were punctured with the probe tip of the OVM to allow measurement of the headspace. Qualitative measurements of the headspace were obtained in the parts per million (ppm) range for total VOCs. The results of the headspace tests are provided on the boring logs.

Upon sample recovery, the soil samples were prepared for transport to the analytical laboratory. The ends of the sample tubes were covered with Teflon tape and sealed with airtight plastic caps. The sample tubes were then labeled with the sample identification number, date/time of sampling, and project number. The sample tubes were placed directly on bagged ice inside an insulated cooler for transport to the laboratory. Appropriate chain-of-custody documentation accompanied the soil samples to the analytical laboratory.

Upon completion of each boring, temporary well casings were installed in each boring for the collection of grab groundwater samples. Schedule 40 PVC casing was used for the temporary well installation, with the lower five feet slotted to allow groundwater flow into the well casing. Grab groundwater samples were collected using a clean, stainless steel bailer. After collection, the samples were poured into appropriate laboratory-supplied containers. The sample containers were sealed, labeled with identifying sample and project information, as described above, and placed on bagged ice inside an insulated

cooler for transportation to the analytical laboratory. Chain of custody documentation accompanied the groundwater samples to the laboratory.

Soil cuttings generated during drilling activities were placed into 5-gallon plastic buckets for temporary storage. Drilling equipment was decontaminated prior to field activities, as well as prior to and after drilling each boring. Decontamination of the drilling, coring, and groundwater sampling equipment was performed using a triple rinse cleaning procedure. The initial rinse consisted of an Alconox and water solution, followed by a tap water rinse and a final deionized water rinse. Decontamination wastewater was placed into 5-gallon buckets.

Upon completion of grab groundwater sampling activities, the borings were backfilled with a neat cement grout using tremie methods.

LABORATORY ANALYSES

Twenty-one (21) soil samples and six (6) grab groundwater samples were submitted for laboratory analyses. Soil and groundwater samples were analyzed by Curtis & Tompkins, Ltd. of Berkeley, California. The samples were analyzed for TPH-ms using EPA Method 8015M and VOCs using EPA Method 8260B.

Only one soil sample from each boring was analyzed for VOCs. These samples were selected on the basis of the OVM readings and field screening observations (i.e., discoloration, odor, sheen) noted during each coring interval. Laboratory analyses were performed over a standard turnaround time. Chain-of-custody documentation and certified analytical results are provided in Appendix B.

FINDINGS

SUBSURFACE CONDITIONS

The site is underlain by alluvial soils consisting of clayey silts, silty clays, and sands. The uppermost soils primarily consist of low permeability clayey silts and silty clays, which extend to depths between 8 and 11 feet bgs. Occasional layers of silty sand were encountered within these fine-grained soils at about the 1.5-foot depth in Borings B-3 and B-6. The low permeability units are underlain by silty and gravelly sands. The sand units were generally encountered to the depths explored in each boring with the exception of Boring B-6, where coarse-grained soils were not encountered. In Boring B-1, a sandy clay layer approximately 2 feet thick was encountered at a depth of about 11 feet bgs.

Groundwater was first encountered at depths between 11 and 15 feet bgs. Static groundwater levels measured in the borings upon completion of drilling varied between approximately 8 and 9.5 feet bgs with the exception of Boring B-5, which was noted to be at approximately 15 feet bgs.

No impacted soils were noted in any of the borings during drilling activities until a depth of about 11 to 13 feet bgs. Impacted soils were encountered within the sand units at these depths, which were above the depths of first-encountered groundwater. The highest OVM readings and noticeable odors were observed at these depths. OVM readings also showed progressive decreases in VOC concentrations with depth with the exception of the readings noted in Boring B-6.

ANALYTICAL RESULTS

Soil analytical results showed no concentrations of TPH-ms at or above the laboratory reporting limits within the upper 10 feet (in soil samples from the 3.5- and 7.5-foot depths). Below the 10-foot depth, a thin layer of TPH-ms impacted soil was encountered at depths between 11.5 and 13 feet bgs at concentrations ranging between 9.6 and 4,900 milligrams per kilogram (mg/kg). The highest concentrations of TPH-ms in soils were detected at the 11.5-foot depth in Borings B-4 and B-5. Lower and non-detect concentrations of TPH-ms were generally detected at the 12.5- to 13.5-foot depth in Borings B-4, B-5, and B-6. No VOCs were detected at or above the laboratory reporting limits in any of the soil samples analyzed. Soil analytical results are shown on Table 1. The distribution of TPH-ms impacted soils is shown on Figure 3. Chain-of-custody documentation and certified analytical results for soils are provided in Appendix B.

Groundwater analytical results showed the presence of TPH-ms at variable concentrations ranging between 220 and 47,000 micrograms per liter (ug/L). The highest concentration for TPH-ms was present in Boring B-6. One VOC, specifically, tert-butylbenzene, was detected at a concentration of 5.3 ug/L in Boring B-5. No other VOCs were detected in any of the other groundwater samples. Groundwater analytical results are shown on Table 2. The distribution of TPH-ms impacted groundwater is shown on Figure 4. Chain-of-custody documentation and certified analytical results for groundwater are provided in Appendix B.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this investigation, it appears that a thin layer of TPH-ms impacted soil is present at depths between 11.5 and 13 feet at variable concentrations beneath the Ennis property. The highest TPH-ms concentrations in soil were detected at an approximate depth of 11.5 feet bgs. This depth coincides with the top of the sand units that were encountered during drilling and are present above the depth(s) of first-encountered groundwater. TPH-ms concentrations in soil also progressively decrease with depth. The sand units are overlain by silts and clays that appear to be laterally continuous in extent. The fine-grained units range between 8.5 and 11 feet thick.

Along with the soil analytical results, groundwater analytical results showed variable concentrations of TPH-ms. It should be noted that concentrations of TPH-ms detected in

the grab groundwater samples may be attributed to drilling and/or sampling equipment possibly disturbing impacted soils that are above the depth(s) of first-encountered groundwater and may not be indicative of actual groundwater concentrations.

The source of the impacted subsurface conditions is unknown. It appears that the impacted soils are limited to the top of the coarse-grained sand units underlying the low permeability soil units within this area. Concentrations of TPH-ms in soil detected during this investigation are below the 5,000-mg/kg threshold, which was established as the post-excavation cleanup standard for remedial activities at the Former Dunne Paint Facility, as described in the LOP's letter dated March 21, 2003. Because the TPH-ms concentrations in soil are less than 5,000 mg/kg at depths greater than 10 feet bgs, it does not appear to pose any risk to human health or the environment. Therefore, no further action is recommended.

We trust that the information provided in this report meets your needs at this time. If you have any questions or comments regarding any of the information provided in this report, please do hesitate to contact us at (925) 426-2600.

Sincerely,

Timothy G. Bodkin, C.E.G., R.E.A.
Senior Project Manager
Environmental Services

Jon A. Rosso, P.E.
Director
Environmental Services

Enclosures

cc: Matt Oliver, Green City Lofts, LLC
Martin Samuels, Green City Lofts, LLC
Jon Benjamin, Esq., Farella Braun & Martel, LLP

TABLES

TABLE 1

Soil Sample Analytical Results
TPH-MS and VOCs
Ennis Property
Emeryville, California

Sample ID	Sample Depth (feet)	Sample Date	TPH-MS (mg/Kg)	VOCs (mg/Kg)
B-1-3.5	3.5	2/10/2005	ND 1	NA
B-1-7.5	7.5	2/10/2005	ND 1	NA
B-1-11.5	11.5	2/10/2005	**180**	ND
B-2-3.5	3.5	2/10/2005	ND 1.1	NA
B-2-7.5	7.5	2/10/2005	ND 1.1	NA
B-2-12.5	12.5	2/10/2005	**9.6**	ND
B-3-3.5	3.5	2/10/2005	ND 1	NA
B-3-7.5	7.5	2/10/2005	ND 1.1	NA
B-3-11.5	11.5	2/10/2005	**330**	ND
B-4-3.5	3.5	2/10/2005	ND 1.1	NA
B-4-7.5	7.5	2/10/2005	ND 1	NA
B-4-11.5	11.5	2/10/2005	**1,600**	ND
B-4-13.5	13.5	2/10/2005	**1,400**	NA
B-5-3.5	3.5	2/10/2005	ND 1.1	NA
B-5-7.5	7.5	2/10/2005	ND 1	NA
B-5-11.5	11.5	2/10/2005	**4,900**	ND
B-5-13.5	13.5	2/10/2005	ND	NA
B-6-3.5	3.5	2/10/2005	ND 1	NA
B-6-7.5	7.5	2/10/2005	ND 1.1	NA
B-6-11.5	11.5	2/10/2005	**380**	ND
B-6-13.5	13.5	2/10/2005	**260**	NA

TPH-MS = total petroleum hydrocarbons in the mineral spirits range

VOCs = volatile organic compounds.

ND = non-detectable at laboratory reporting limits (see Appendix B).

NA = not analyzed.

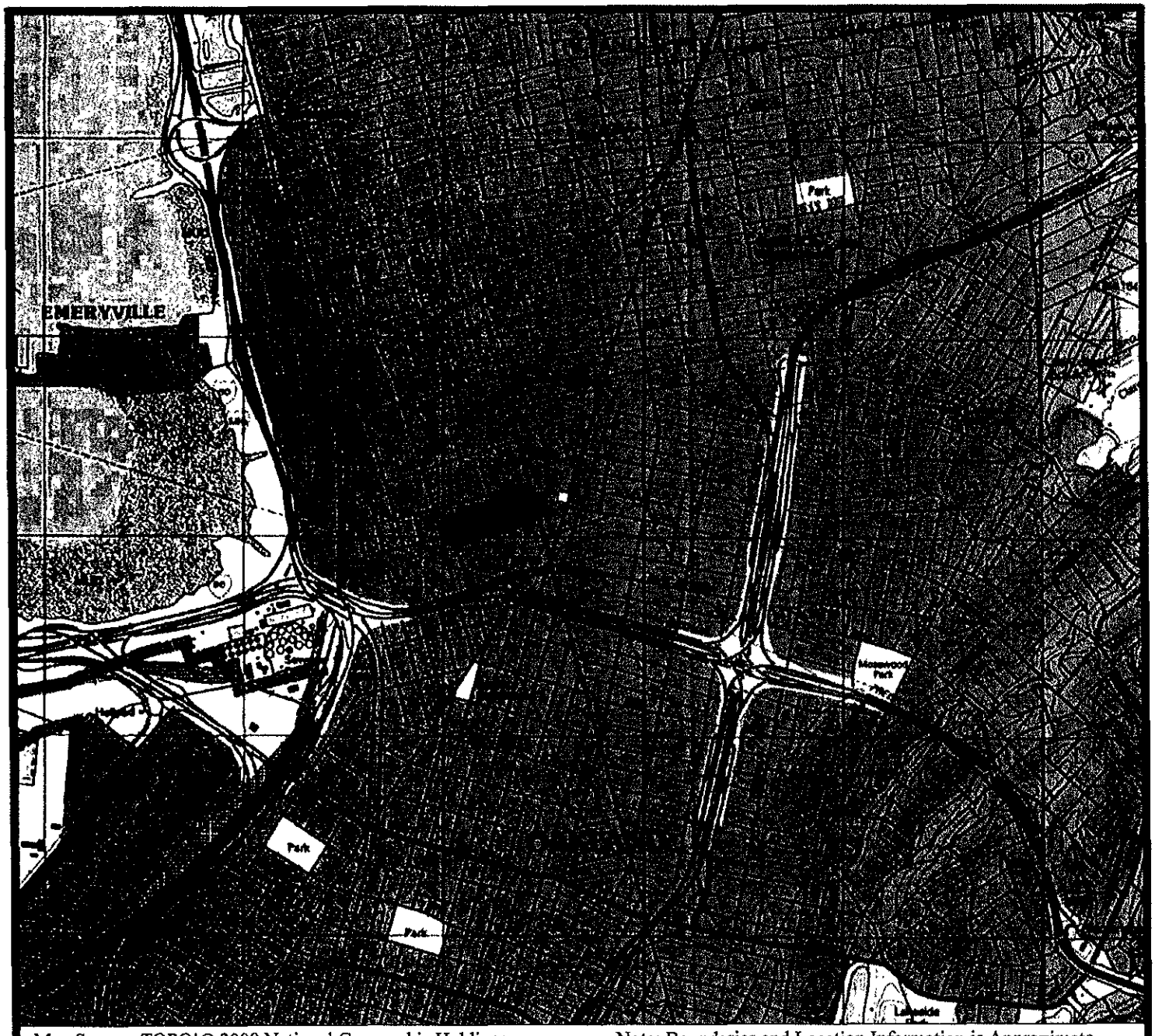
TABLE 2

Grab Groundwater Sample Analytical Results
TPH-MS and VOCs
Ennis Property
Emeryville, California

Sample ID	Sample Date	TPH-MS (µg/L)	VOCs (µg/L)
B-1-W	2/10/2005	**1,400**	ND
B-2-W	2/10/2005	**220**	ND
B-3-W	2/10/2005	**1,600**	ND
B-4-W	2/10/2005	**450**	ND
B-5-W	2/10/2005	**7,200**	**5.3**
B-6-W	2/10/2005	**47,000**	ND

TPH-MS = total petroleum hydrocarbons in the mineral spirits range.
VOCs = volatile organic compounds. For sample B-5-W, only one chemical from EPA 8260 list was detected: 5.3 µg/L tert-butylbenzene.
µg/L = micrograms per liter
ND = non-detectable at laboratory reporting limits (see Appendix B).

FIGURES



Map Source: TOPO!© 2000 National Geographic Holdings

Note: Boundaries and Location Information is Approximate

1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

Portion of the 7.5-Minute Series Oakland West, California
Quadrangle Topographic Map (Datum: NAD 27)
United States Department of the Interior
Geological Survey
1997

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CALIF

QUADRANGLE LOCATION

PROPERTY LOCATION MAP
10069-1073 41st Street
4003-4015 and 4099 Adeline Street
Emeryville, California

Clayton Project No. 70-03365.07

Figure
1

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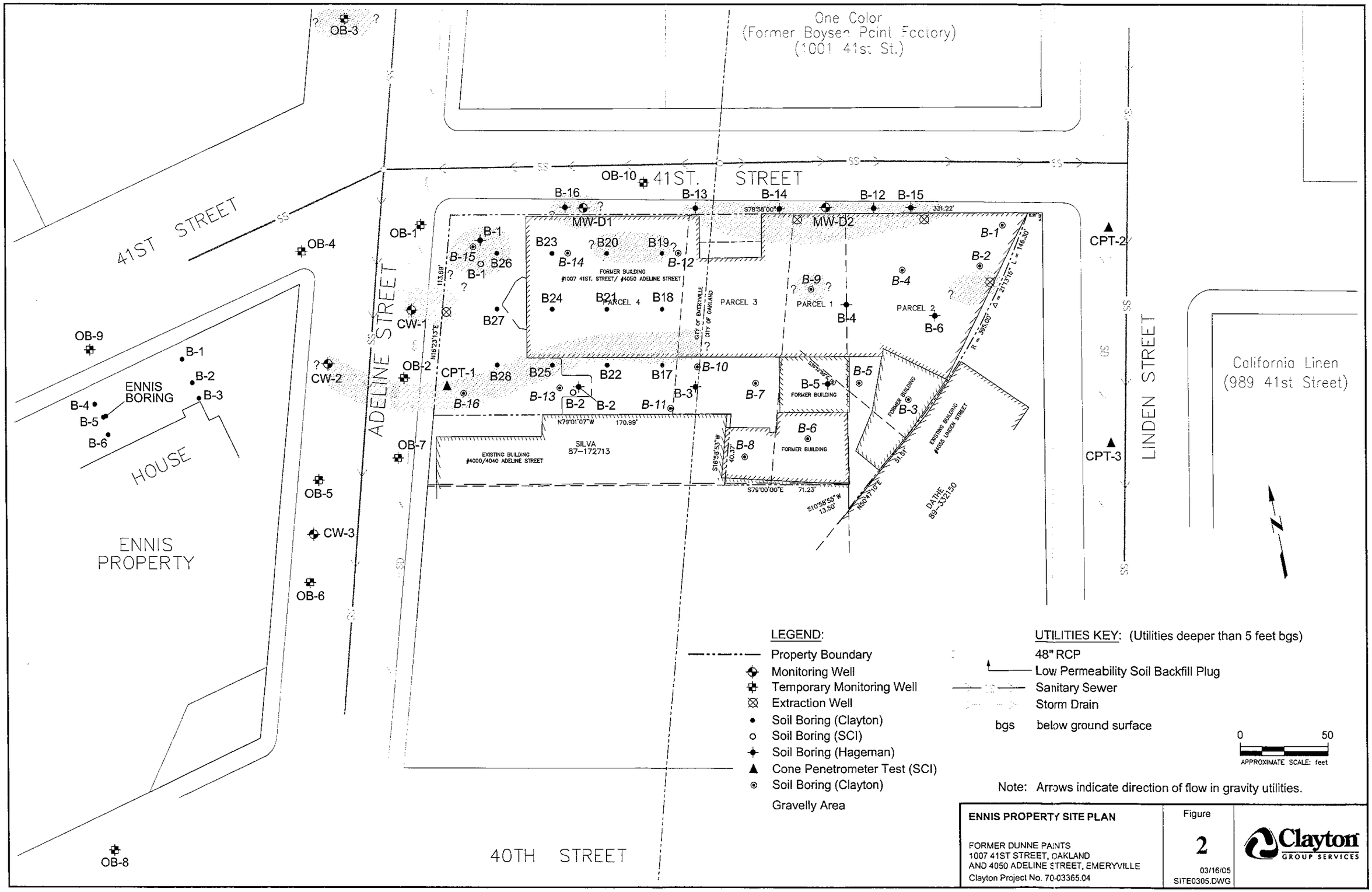


LEGEND:

- Property Boundary
- Monitoring Well
- Temporary Monitoring Well
- Extraction Well
- Soil Boring (Clayton)
- Soil Boring (SCI)
- Soil Boring (Hageman)
- Cone Penetrometer Test (SCI)
- Soil Boring (Clayton)
- Gravelly Area

UTILITIES KEY: (Utilities deeper than 5 feet bgs)

- 48" RCP
- Low Permeability Soil Backfill Plug
- Sanitary Sewer
- Storm Drain
- bgs below ground surface

0 50
APPROXIMATE SCALE: feet

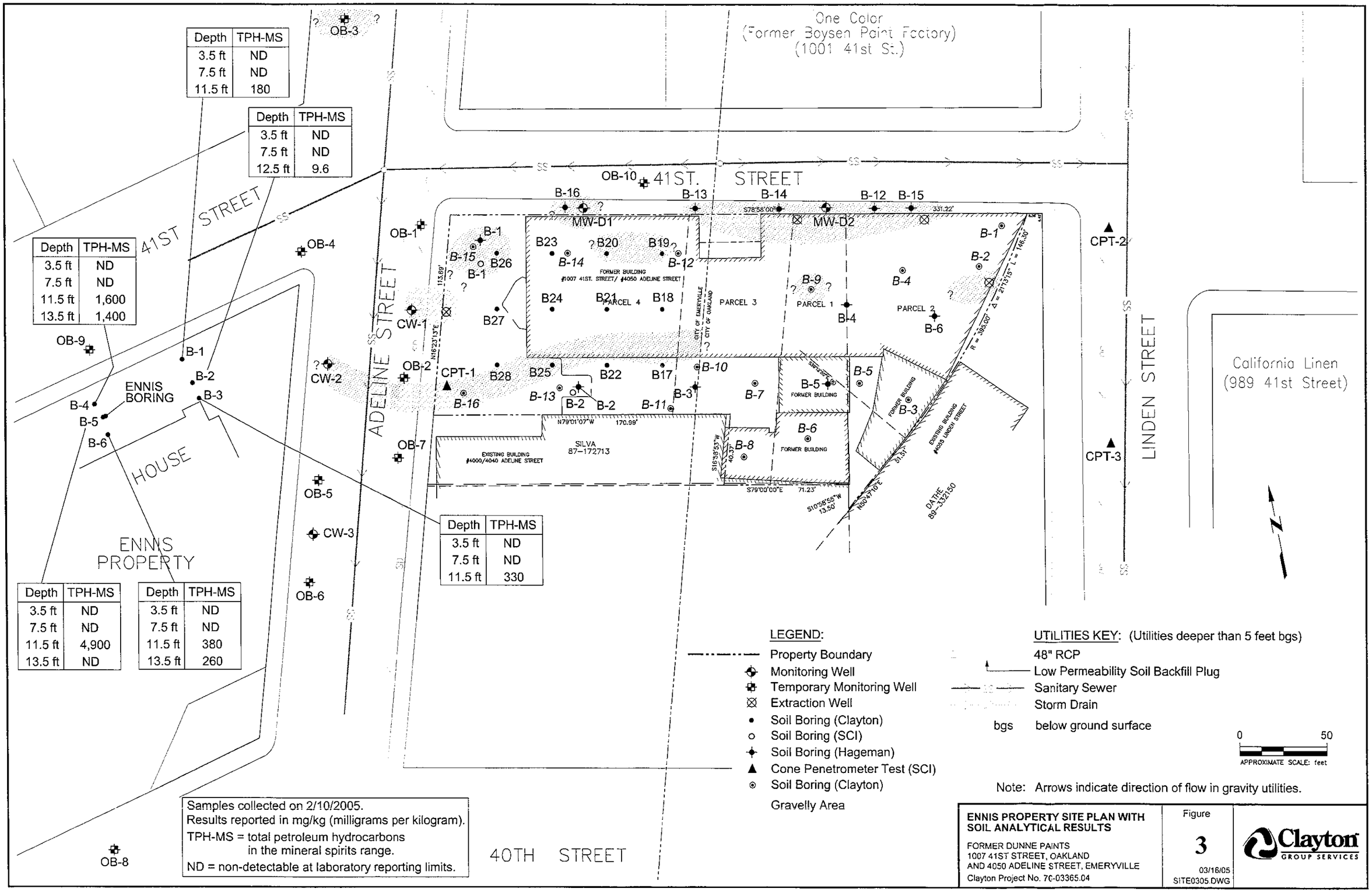
Note: Arrows indicate direction of flow in gravity utilities.

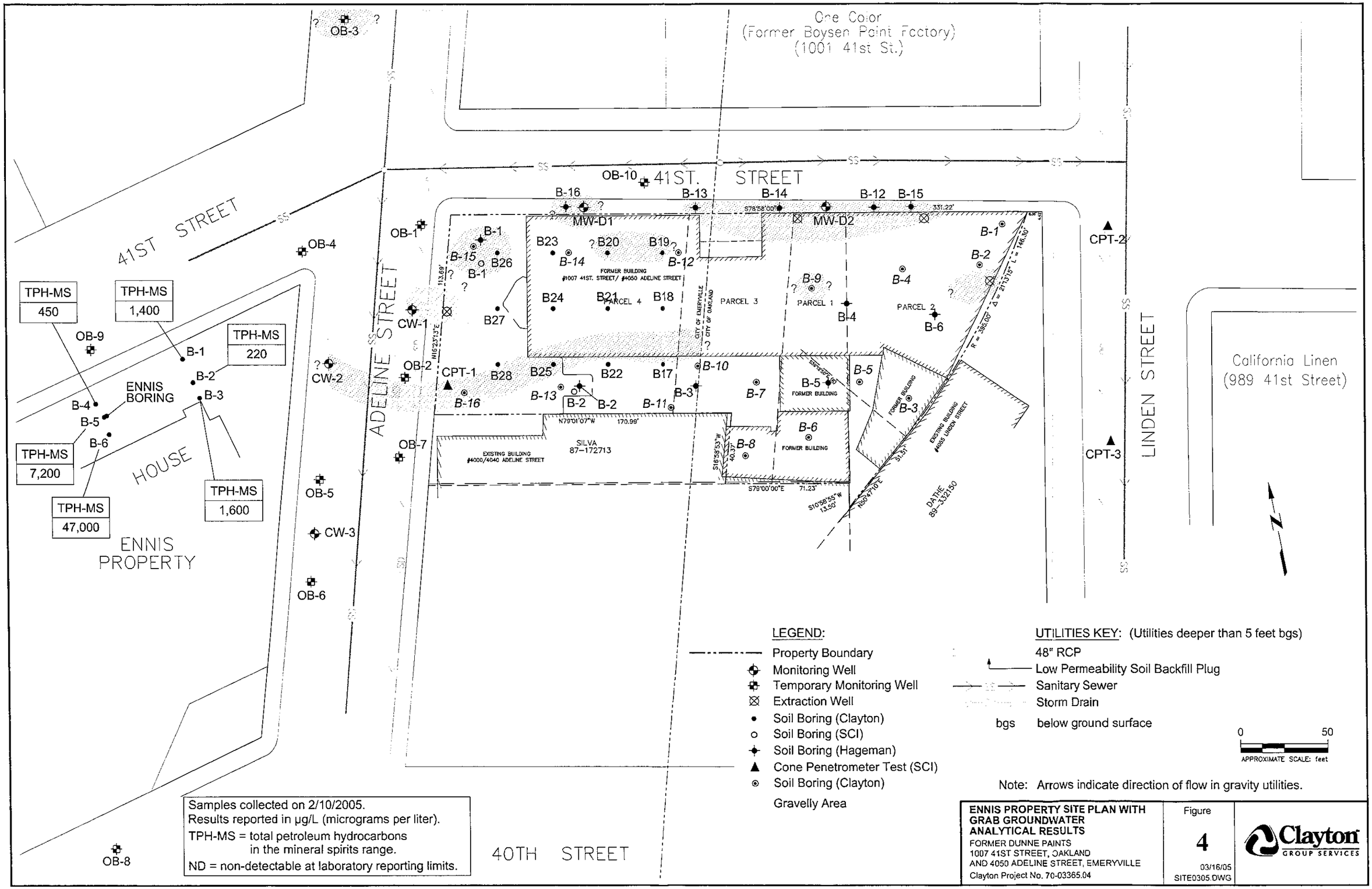
ENNIS PROPERTY SITE PLAN

FORMER DUNNE PAINTS
1007 41ST STREET, OAKLAND
AND 4050 ADELINE STREET, EMERYVILLE
Clayton Project No. 70-03365.04

Figure
2
03/16/05
SITE0305.DWG

Clayton GROUP SERVICES


One Color
(Former Boysen Paint Factory)
(1001 41st St.)
41ST STREET
ADELINE STREET
LINDEN STREET
California Linen
(989 41st Street)
FORMER BUILDING
#1007 41ST. STREET/ #4050 ADELINE STREET
PARCEL 1
PARCEL 2
PARCEL 3
PARCEL 4
CITY OF EMERYVILLE
CITY OF OAKLAND
EXISTING BUILDING
#4000/4040 ADELINE STREET
SILVA
87-172713
DATHE
89-332150
ENNIS
BORING
ENNIS
PROPERTY
HOUSE
40TH STREET
MW-D1
MW-D2
OB-1
OB-2
OB-3
OB-4
OB-5
OB-6
OB-7
OB-8
OB-9
OB-10
CW-1
CW-2
CW-3
CPT-1
CPT-2
CPT-3
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B17
B18
B19
B20
B21
B22
B23
B24
B25
B26
B27
B28
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
11.5 ft | 180
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
12.5 ft | 9.6
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
11.5 ft | 1,600
13.5 ft | 1,400
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
11.5 ft | 330
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
11.5 ft | 4,900
13.5 ft | ND
Depth | TPH-MS
3.5 ft | ND
7.5 ft | ND
11.5 ft | 380
13.5 ft | 260
Samples collected on 2/10/2005.
Results reported in mg/kg (milligrams per kilogram).
TPH-MS = total petroleum hydrocarbons in the mineral spirits range.
ND = non-detectable at laboratory reporting limits.
LEGEND:
Property Boundary
Monitoring Well
Temporary Monitoring Well
Extraction Well
Soil Boring (Clayton)
Soil Boring (SCI)
Soil Boring (Hageman)
Cone Penetrometer Test (SCI)
Soil Boring (Clayton)
Gravelly Area
UTILITIES KEY: (Utilities deeper than 5 feet bgs)
48" RCP
Low Permeability Soil Backfill Plug
Sanitary Sewer
Storm Drain
bgs below ground surface
0
50
APPROXIMATE SCALE: feet
Note: Arrows indicate direction of flow in gravity utilities.
ENNIS PROPERTY SITE PLAN WITH SOIL ANALYTICAL RESULTS
FORMER DUNNE PAINTS
1007 41ST STREET, OAKLAND
AND 4050 ADELINE STREET, EMERYVILLE
Clayton Project No. 70-03365.04
Figure
3
03/16/05
SITE0305.DWG
Clayton GROUP SERVICES



ENNIS PROPERTY SITE PLAN WITH GRAB GROUNDWATER ANALYTICAL RESULTS
FORMER DUNNE PAINTS
1007 41ST STREET, OAKLAND
AND 4050 ADELINE STREET, EMERYVILLE
Clayton Project No. 70-03365.04

Figure 4
03/16/05
SITE0305.DWG

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Clayton
GROUP SERVICES

APPENDIX A

SOIL BORING LOGS

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LOG OF SOIL BORING

Project No.: 70-03365.04 *Client:* GCL Location: Oakland/Emeryville Logged By: P. McLaughlin		**BORING NO.** **B-1**
Start Date: 2/10/2005	Start Time: 0800	Elevation: N/A
Finish Date: 2/10/2005	Finish Time: 0850	Boring Dia.: 2"
Driller: ECA	*Drill Method: Direct Push*	
Hammer Weight: N/A	Drop: N/A	
Borehole Completion Data: Borehole Grouted		

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				0800	0	ML	CLAYEY SILT dark brown, damp, soft, low plastic, trace fine gravel up to 1/2" dia., organic debris/rootlets
	45	3.5	0.0	0810	4	ML	CLAYEY SILT light brown, damp, soft, low plastic, trace fine gravel up to 1/2" dia., organic debris/rootlets
	48	7.5	0.0	0820	8	CL	SILTY CLAY dark brown, damp, medium stiff, medium plastic, organic debris/rootlets groundwater depth 8.4 feet, 1635, 2/10/2005
			10		11	SC	CLAYEY SAND mottled gray and orange-brown, damp, loose, fine sand, no petrol odor
	48	11.5	75 148	0835	12	CL	SANDY CLAY grayish green, moist, soft, low plastic, 30% fine to coarse sand, petrol odor becomes wet at 11.25'
			17		13	SM	SILTY SAND light yellow brown, wet, medium dense, fine sand, no petrol odor groundwater depth 15.0 feet, 0900, 2/10/2005
	46	15.5	1.8 0.0	0850	15	SW	GRAVELLY SAND light brown, wet, medium dense, *fine to coarse sand, 25% fine to coarse gravel up to 3/4" dia.*, some clay
					16		EOB @ 16 feet bgs.

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 70-03365.04
Client: GCL
Location: Oakland/Emeryville
Logged By: P. McLaughlin

BORING NO. B-3

Start Date: 2/10/2005 Start Time: 1140 Elevation: N/A
Finish Date: 2/10/2005 Finish Time: 1230 Boring Dia.: 2"/1"

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Borehole Grouted

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION
				1140	0		ML	CLAYEY SILT dark brown, damp, soft, low plastic, trace fine gravel up to 3/4" dia., organic debris/rootlets
					1		SM	SILTY SAND light brown, moist, loose, fine sand, organic debris/rootlets
					2			
					3		ML	CLAYEY SILT moist, soft, low plastic, organic debris/rootlets
	48	3.5	0.0	1150	4			
					5		CL	SILTY CLAY dark brown, moist, medium stiff, medium plastic, organic debris/roots
					6			
					7			
	48	7.5	0.0	1200	8			groundwater depth 8.2 feet, 1630, 2/10/2005 becomes light brown
					9		ML	CLAYEY SILT tan, moist, stiff, low plastic, trace fine gravel up to 1/2" dia., no petrol odor
					10			increased gravel content up to 12%
			0.0		11		SM	SILTY SAND WITH GRAVEL grayish green, moist, loose, fine sand, 10% fine gravel up to 3/4" dia., petrol odor 11.5 to 12.5 feet
	48	11.5	155	1215	12			groundwater depth 11.5 feet, 1240, 2/10/2005
			251		13			becomes wet at 13.5 feet becomes light brown at 13.75 feet
			18					
			3					
	24	13.5	0.9	1230	14			EOB @ 14 feet bgs. 2" dia. borehole to 12 feet bgs, 1" dia. to 14 feet bgs.
					15			
					16			
					17			
					18			
					19			

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 70-03365.04
Client: GCL
Location: Oakland/Emeryville
Logged By: P. McLaughlin

BORING NO. B-2

Start Date: 2/10/2005 Start Time: 0930 Elevation: N/A
Finish Date: 2/10/2005 Finish Time: 1040 Boring Dia.: 2"

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Borehole Grouted

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				0930	0			ML	CLAYEY SILT dark brown, damp, soft, low plastic, trace fine gravel up to 1/2" dia., organic debris/rootlets
	36	3.5	0.0	0945	4			ML	SANDY SILT light brown, moist, soft, low plastic, 30% fine sand
	47	7.5	0.0	1000	8			CL	SILTY CLAY dark brown, damp, medium stiff, medium plastic, organic debris/rootlets groundwater depth 8.2 feet, 1633, 2/10/2005
	48		0.0	1015	12			ML	CLAYEY SILT tan, moist, medium stiff, medium plastic, organic debris/rootlets
		12.5	58	1040	12			SM	SILTY SAND greenish gray, moist, medium dense, fine sand, organic debris/rootlets, no petrol odor groundwater depth 12.0 feet, 1050, 2/10/2005
			9.8		14			SW	GRAVELLY SAND *greenish gray, moist, medium dense, fine to coarse sand, 25% fine gravel up to 3/4" dia., organic debris/rootlets, petrol odor* becomes wet at 14.0 feet
			1.8 0.0		15			SW	GRAVELLY SAND light orangish brown-light brown, wet, medium dense, fine to coarse sand, 40% fine gravel up to 3/4" dia., no petrol odor
	42	15.5	0.0	1040	16				EOB @ 16 feet bgs.

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 70-03365.04	**BORING NO. B-4**
Client: GCL	
Location: Oakland/Emeryville	
Logged By: P. McLaughlin	
Start Date: 2/10/2005 Start Time: 1500 Elevation: N/A	
Finish Date: 2/10/2005 Finish Time: 1540 Boring Dia.: 2"/1"	
Driller: ECA Drill Method: Direct Push	
Hammer Weight: N/A Drop: N/A	
Borehole Completion Data: Borehole Grouted	

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	GRAPHIC LOG	USCS	DESCRIPTION
				1500	0		ML	CLAYEY SILT dark brown, damp, soft, low plastic, some fine gravel up to 3/4" dia.
	42	3.5	0.0	1510	3		ML	SANDY SILT light brown, damp, soft, non-plastic, 30% fine sand, organic debris/rootlets
	40	7.5	0.0	1520	5		CL	SILTY CLAY dark brown, damp, stiff, medium plastic, organic debris/rootlets, no petrol odor becomes light brown, trace fine gravel up to 1/2" dia.
	48	11.5	0.0 452	1530	9		SM	SILTY SAND WITH GRAVEL mottled gray brown and orange brown, moist, loose, fine sand, 30% fine to coarse gravel, up to 1" dia., petrol odor
	24	13.5	94 2.6	1535	11		SM	SILTY SAND grayish green, moist, loose, fine sand, petrol odor 11.25 to 13.5 feet no petrol odor 13.5 to 16.0 feet groundwater depth 15.0 feet, 1550, 2/10/2005 becomes wet at 15.0 feet
	22		2.4	1540	15		SM	SILTY SAND light brown-orange brown, wet, loose, fine sand, no petrol odor
					16			EOB @ 16 feet bgs. 2" dia. borehole to 12 feet bgs, 1" dia. to 16 feet bgs.

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 70-03365.04
Client: GCL
Location: Oakland/Emeryville
Logged By: P. McLaughlin

BORING NO. B-5

Start Date: 2/10/2005 Start Time: 1410 Elevation: N/A
Finish Date: 2/10/2005 Finish Time: 1450 Boring Dia.: 2"/1"

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Borehole Grouted

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	SAMPLE	GRAPHIC LOG	USCS	DESCRIPTION
				1410	0			ML	CLAYEY SILT dark brown, damp, soft, low plastic, trace fine gravel up to 1/2" dia., organic debris/rootlets
	48	3.5	0.0	1425	4			ML	SANDY SILT light brown, moist, soft, non-plastic, 30% fine sand, organic debris/rootlets
	48	7.5	0.0	1435	8			CL	SILTY CLAY dark brown, moist, medium stiff, medium plastic, organic debris/rootlets
			21.3		9			ML	CLAYEY SILT light brown, moist, soft, low plastic, trace fine gravel up to 1/2" dia. groundwater depth 9.5 feet, 1450, 2/10/2005
	48	11.5	848	1445	10			SM	SILTY SAND WITH GRAVEL mottled gray brown and orange brown, moist, medium dense, fine to coarse sand, 25% fine gravel up to 3/4" dia., no petrol odor
	24	13.5	307 4.5	1450	14			SM	SILTY SAND WITH GRAVEL greenish gray, moist, loose, fine sand, 15% fine gravel up to 3/4" dia., petrol odor 10.5 to 13.5 feet *no petrol odor from 13.5-14.0 feet*
					14				EOB @ 14 feet bgs. 2" dia. borehole to 12 feet bgs, 1" dia. to 14 feet bgs. light petroleum sheen on collected grab groundwater samples.

Clayton GROUP SERVICES

LOG OF SOIL BORING

Project No.: 70-03365.04
Client: GCL
Location: Oakland/Emeryville
Logged By: P. McLaughlin

BORING NO. B-6

Start Date: 2/10/2005 Start Time: 1255 Elevation: N/A
Finish Date: 2/10/2005 Finish Time: 1325 Boring Dia.: 2"/1"

Driller: ECA Drill Method: Direct Push
Hammer Weight: N/A Drop: N/A

Borehole Completion Data: Borehole Grouted

SAMPLE INTERVAL	SAMPLE RECOVERY (in)	SAMPLE ID.	PID READING (ppm)	TIME	DEPTH (ft)	USCS	DESCRIPTION
				1255	1	ML	CLAYEY SILT dark brown, damp, soft, low plastic, trace fine gravel up to 1/2" dia., organic debris/rootlets
	47	3.5	0.0	1305	2 3 4	SM	SILTY SAND light brown, moist, loose, fine sand, organic debris/rootlets
					5 6		becomes wet at 6.0 feet (perched groundwater)
	29	7.5	1.4	1310	7 8	CL	SILTY CLAY dark brown, moist, stiff, medium plastic, organic debris/rootlets
					▼ 9		groundwater depth 9.0 feet, 1335, 2/10/2005
	30	11.5	0.2 36 213	1315	10 11	CL	SILTY CLAY tan, moist, medium stiff, medium plastic, trace fine gravel up to 1/2" dia., no petrol odor
	24	13.5	311	1320	12 13 14	ML	CLAYEY SILT WITH GRAVEL greenish gray, moist, medium stiff, non-plastic, 15% fine gravel up to 1/2" dia., petrol odor 11.0 to 15.25 feet
					▽ 15		becomes wet at 15.25 feet
	14		334	1325	16	ML	CLAYEY SILT dark brown, wet, very soft, medium plastic, petrol odor from 15.25 to 16.0 feet
					17 18 19		EOB @ 16 feet bgs. 2" dia. borehole to 12 feet bgs, 1" dia. to 16 feet bgs.

Clayton GROUP SERVICES

APPENDIX B

CHAIN OF CUSTODY DOCUMENTATION AND CERTIFIED ANALYTICAL REPORTS

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

A N A L Y T I C A L R E P O R T

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 25-FEB-05
Lab Job Number: 177632
Project ID: 70-03365.04
Location: Dunne Paints

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	177632
Client:	Clayton Group Services
Project:	70-03365.04
Location:	Dunne Paints
Request Date:	02/11/05
Samples Received:	02/11/05

This hardcopy data package contains sample and QC results for twenty one soil samples, requested for the above referenced project on 02/11/05. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
Response exceeding the instrument's linear range was observed for bromofluorobenzene (FID) in many samples; affected data was qualified with "b". High surrogate recoveries were observed for bromofluorobenzene (FID) in many samples; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 177632

Project No.: 70-03365.04
Project Name: GLC
Project P.O.: 70-03365.04
Turnaround Time: Std

Sampler: P. McLaughlin
Report To: Tim Bodkin
Company: Clayton Group
Telephone: (925) 426-2600
Fax: PM (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: TPH - Mineral spirits (MS)
-1	B-1-3.5	2-10-05 0810	X			1				X	X
-2	B-1-7.5	0820									X
-3	B-1-11.5	0835									X
-4	B-1-15.5	0850									X HOLD
-5	B-2-3.5	0945									X
-6	B-2-7.5	1000									X
-7	B-2-12.5	1040									X
-8	B-2-15.5	1040									X HOLD
-9	B-3-3.5	1150									X
-10	B-3-7.5	1200									X
-11	B-3-11.5	1215									X
-12	B-3-13.5	1230									X HOLD
-13	B-6-3.5	1305									X

Notes:
Save samples after TPH-MS Analysis for possible VOC/8260 Analysis. Some sampling labels are mislabled. Actual Client: GLC
P. McLaughlin
SIGNATURE

SAMPLE RECEIPT
☑ Intact ☑ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☒ N/A

RELINQUISHED BY:
Philip McLaughlin 2-10-05 0840 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
PM 2/11/05 8:40 AM DATE / TIME
DATE / TIME
DATE / TIME

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 177632

Project No.: 70-03365.04
Project Name: GLC
Project P.O.: 70-03365.04
Turnaround Time:

Sampler: P. McLaughlin
Report To: Tim Bodkin
Company: Clayton Group
Telephone: (925) 426-2600
Fax: (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH - Mineral Spirits (MS)
-14	B-6-7.5	2-10-05 / 1300 PM	X			1				X	X
-15	B-6-11.5	/ 1315									X
-16	B-6-13.5	/ 1320									X
-17	B-5-3.5	/ 1425									X
-18	B-5-7.5	/ 1435									X
-19	B-5-11.5	/ 1445									X
-20	B-5-13.5	/ 1450									X
-21	B-4-3.5	/ 1510									X
-22	B-4-7.5	/ 1520									X
-23	B-4-11.5	/ 1530									X
-24	B-4-13.5	/ 1535									X

Notes:
Save samples after TPH-MS analysis for possible VOC/8260 Analysis! Some sample labels are mislabeled. Actual client: GLC P. McLaughlin

SAMPLE RECEIPT
☒ Intact ☒ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☒ N/A

RELINQUISHED BY:
Phil McLaughlin 2/10/05 0840 DATE / TIME
DATE / TIME
DATE / TIME
DATE / TIME
SIGNATURE

RECEIVED BY:
Jan Ingram 2/11/05 8:40AM DATE / TIME
DATE / TIME
DATE / TIME
DATE / TIME

6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
925.426.2600
Fax 925.426.0106

Clayton GROUP SERVICES

FAX COVER

To: Pat Flynn **From:** Phil McLaughlin

Company: Curtis & Tompkins **Date:** 2/11/05

Fax No.: (510) 486-0532 **Project No.:** 70-03365.04

No. of Pages (including cover): 2

Please confirm receipt: YES (NO)

	As Requested		*For Approval*		*Original to Follow in Mail*
	For Review		*For Your File*		*Original to Follow Overnight*

COMMENTS:

Pat,

See attached COC pg 1 of 2 for changes:
Don't Analyze samples B-1-15.5, B-2-15.5 & B-3-13.5.

Thanks,

Phil

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: _____

Sampler: P. McLaughlin
Project No.: 70-03365.04
Report To: Tim Bodkin
Project Name: GLC
Company: Clayton Group
Project P.O.: 70-03365.04
Telephone: (925) 426-2600
Turnaround Time: 5td
Fax: PM (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH - Mineral Spirits (MS)
	B-1-3.5	2-10-05 0810	X			1				X	X
	B-1-7.5	0820									X
	B-1-11.5	0835									X
X	~~B-1-15.5~~ Don't Analyze	0850									X Don't Analyze
	B-2-3.5	0945									X
	B-2-7.5	1000									X
	B-2-12.5	1040									X
X	~~B-2-15.5~~ Don't Analyse	1040									X Don't Analyze
	B-3-3.5	1150									X
	B-3-7.5	1200									X
	B-3-11.5	1215									X
X	~~B-3-13.5~~ Don't Analyze	1230									X Don't Analyze
	B-6-3.5	1305									X

Notes:
Save samples after TPH-MS Analysis for possible VOC/8260 Analysis. Some sampling tubes are mislabled. Actual client: GLC

SAMPLE RECEIPT
☑ Intact ☑ Cold
☑ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:
P. McLaughlin — 2-10-05 0840 — DATE / TIME
SIGNATURE
P. McLaughlin
DATE / TIME
DATE / TIME

RECEIVED BY:
PM — 2/11/05 8:40 AM — DATE / TIME
DATE / TIME
DATE / TIME

02/11/2005 15:04 CLAYTON PLEASANTON → 15104860532 NO.692 0002

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-1-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-001	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	68-135
Bromofluorobenzene (FID)	99	75-148

Field ID:	B-1-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-002	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	68-135
Bromofluorobenzene (FID)	94	75-148

Field ID:	B-1-11.5	Diln Fac:	5.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-003	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	180	5.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	86	68-135
Bromofluorobenzene (FID)	296 * >LR b	75-148

Field ID:	B-2-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-005	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	68-135
Bromofluorobenzene (FID)	96	75-148

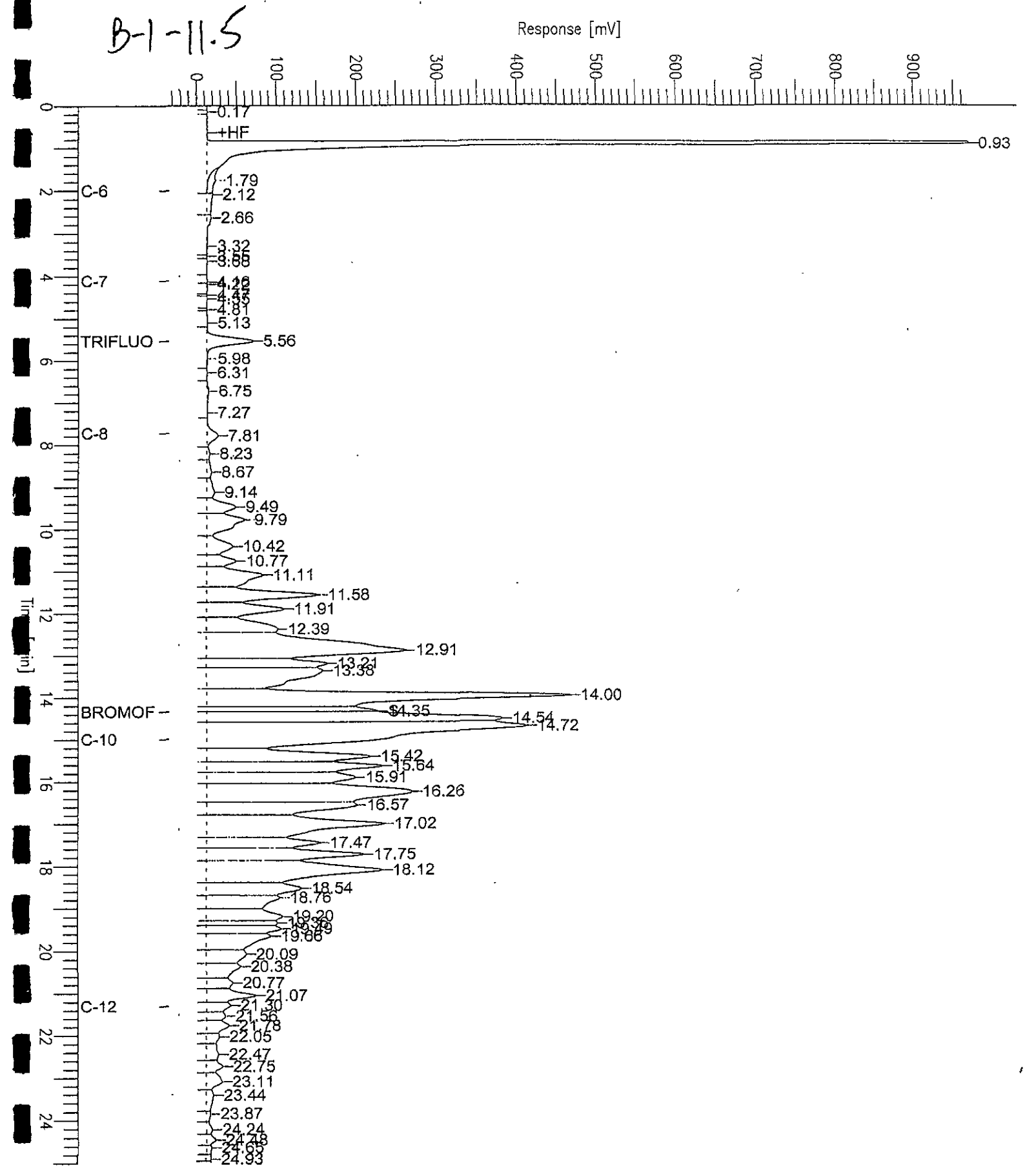
*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Chromatogram

mple Name : 177632-003,99119,tvh+msp
leName : G:\GC05\DATA\044G026.raw
thod : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -34 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:25 AM
Time of Injection: 2/14/05 01:38 AM
Low Point : -34.39 mV High Point : 969.25 mV
Plot Scale: 1003.6 mV

B-1-11.5



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-2-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-006	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	68-135
Bromofluorobenzene (FID)	98	75-148

Field ID:	B-2-12.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-007	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	9.6	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	68-135
Bromofluorobenzene (FID)	242 * >LR b	75-148

Field ID:	B-3-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-009	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	68-135
Bromofluorobenzene (FID)	94	75-148

Field ID:	B-3-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-010	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	68-135
Bromofluorobenzene (FID)	93	75-148

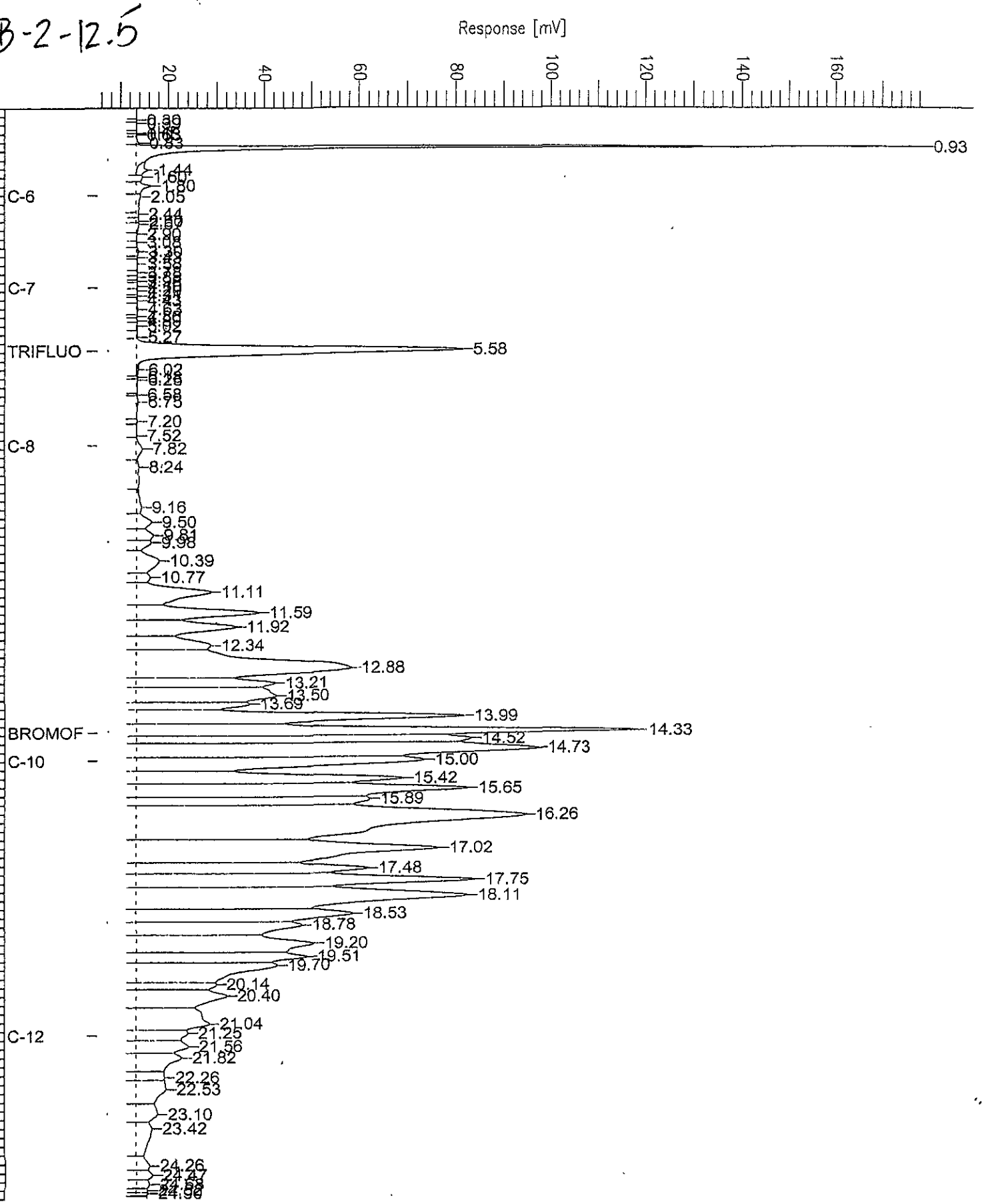
*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Chromatogram

Sample Name : 177632-007,99119,tvh+minsp
FileName : G:\GC05\DATA\044G011.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 5 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:25 AM
Time of Injection: 2/13/05 05:43 PM
Low Point : 5.03 mV High Point : 178.70 mV
Plot Scale: 173.7 mV

B-2-12.5



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-3-11.5	Diln Fac:	20.00
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-011	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	330	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	68-135
Bromofluorobenzene (FID)	296 *	>LR b 75-148

Field ID:	B-6-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-013	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	68-135
Bromofluorobenzene (FID)	96	75-148

Field ID:	B-6-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-014	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	68-135
Bromofluorobenzene (FID)	95	75-148

Field ID:	B-6-11.5	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-015	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	380	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	68-135
Bromofluorobenzene (FID)	297 *	>LR b 75-148

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

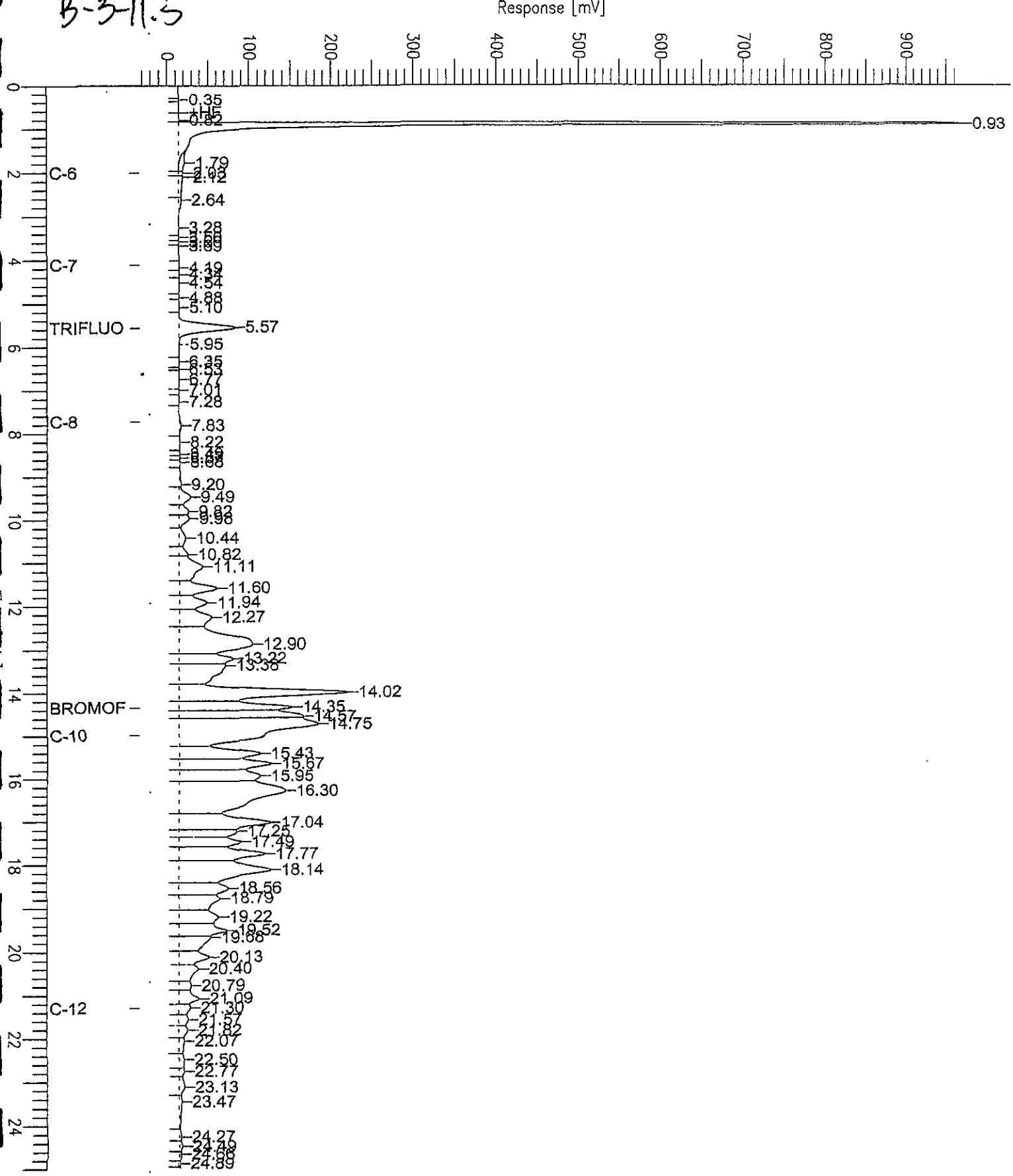
2.2

Chromatogram

mple Name : 177632-011,99119,tvh+minsp
leName : G:\GC05\DATA\044G043.raw
thod : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -34 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:44 AM
Time of Injection: 2/14/05 11:07 AM
Low Point : -34.06 mV High Point : 969.15 mV
Plot Scale: 1003.2 mV

B-3-11.5

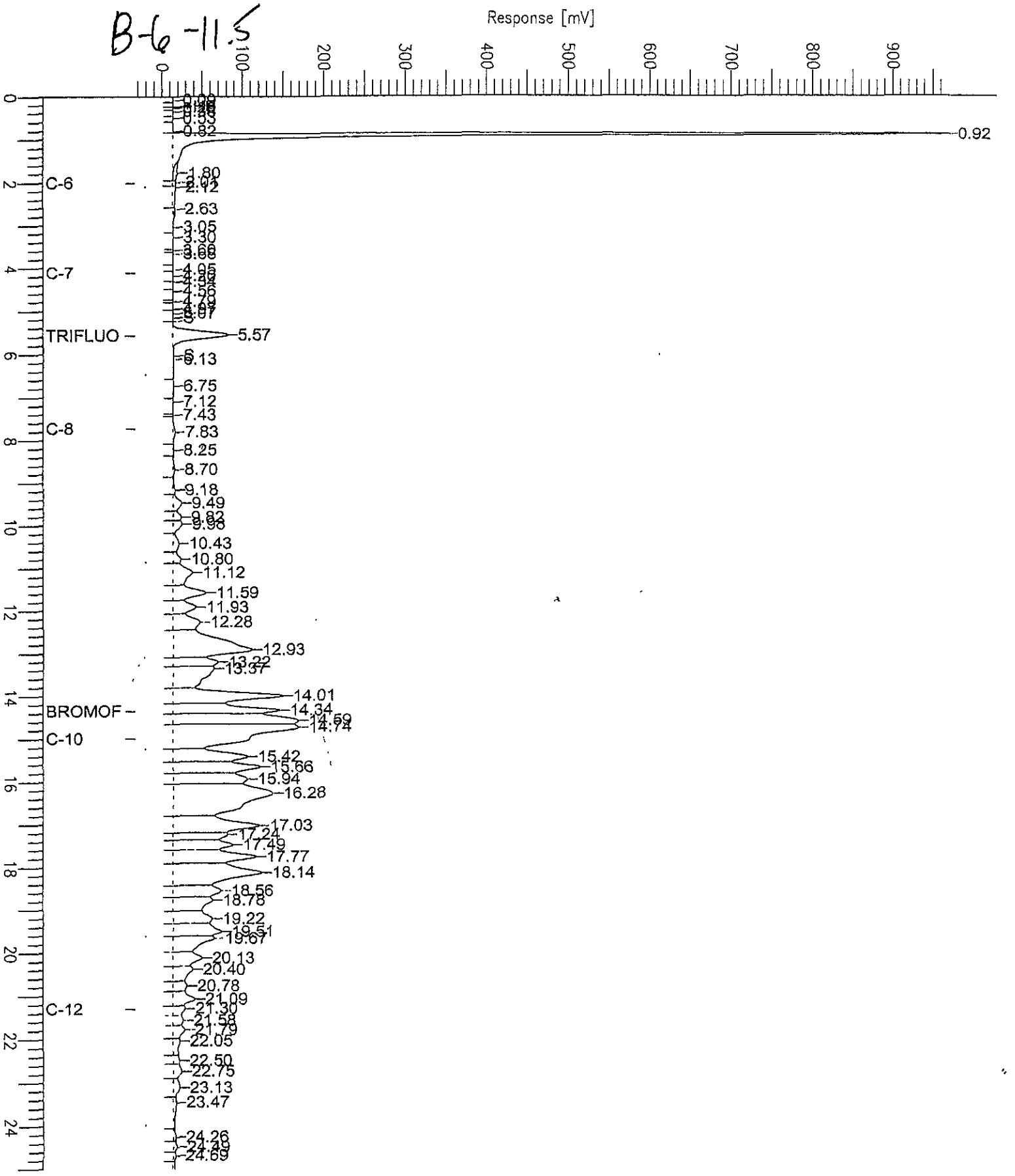


Chromatogram

mple Name : 177632-015,99119,tvh+minsp
leName : G:\GC05\DATA\044G042.raw
ethod : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -34 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:25 AM
Time of Injection: 2/14/05 10:35 AM
Low Point : -33.94 mV High Point : 969.09 mV
Plot Scale: 1003.0 mV

B-6 -11.5



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-6-13.5	Diln Fac:	20.00
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-016	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	260	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	68-135
Bromofluorobenzene (FID)	283 *	>LR b 75-148

Field ID:	B-5-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-017	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	68-135
Bromofluorobenzene (FID)	94	75-148

Field ID:	B-5-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-018	Analyzed:	02/13/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	95	68-135
Bromofluorobenzene (FID)	92	75-148

Field ID:	B-5-11.5	Diln Fac:	200.0
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-019	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	4,900	200

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	68-135
Bromofluorobenzene (FID)	321 *	>LR b 75-148

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Chromatogram

mple Name : 177632-016,99119,tvh+minsp
leName : G:\GC05\DATA\044G044.raw
ethod : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -34 mV

Sample #: a Page 1 of 1
Date : 2/14/05 12:08 PM
Time of Injection: 2/14/05 11:39 AM
Low Point : -34.13 mV High Point : 969.22 mV
Plot Scale: 1003.3 mV

B-6-13.6

Response [mV]

0 100 200 300 400 500 600 700 800 900

Time [min]

0 2 4 6 8 10 12 14 16 18 20 22 24

C-6
C-7
TRIFLUO
C-8
BROMOF
C-10
C-12

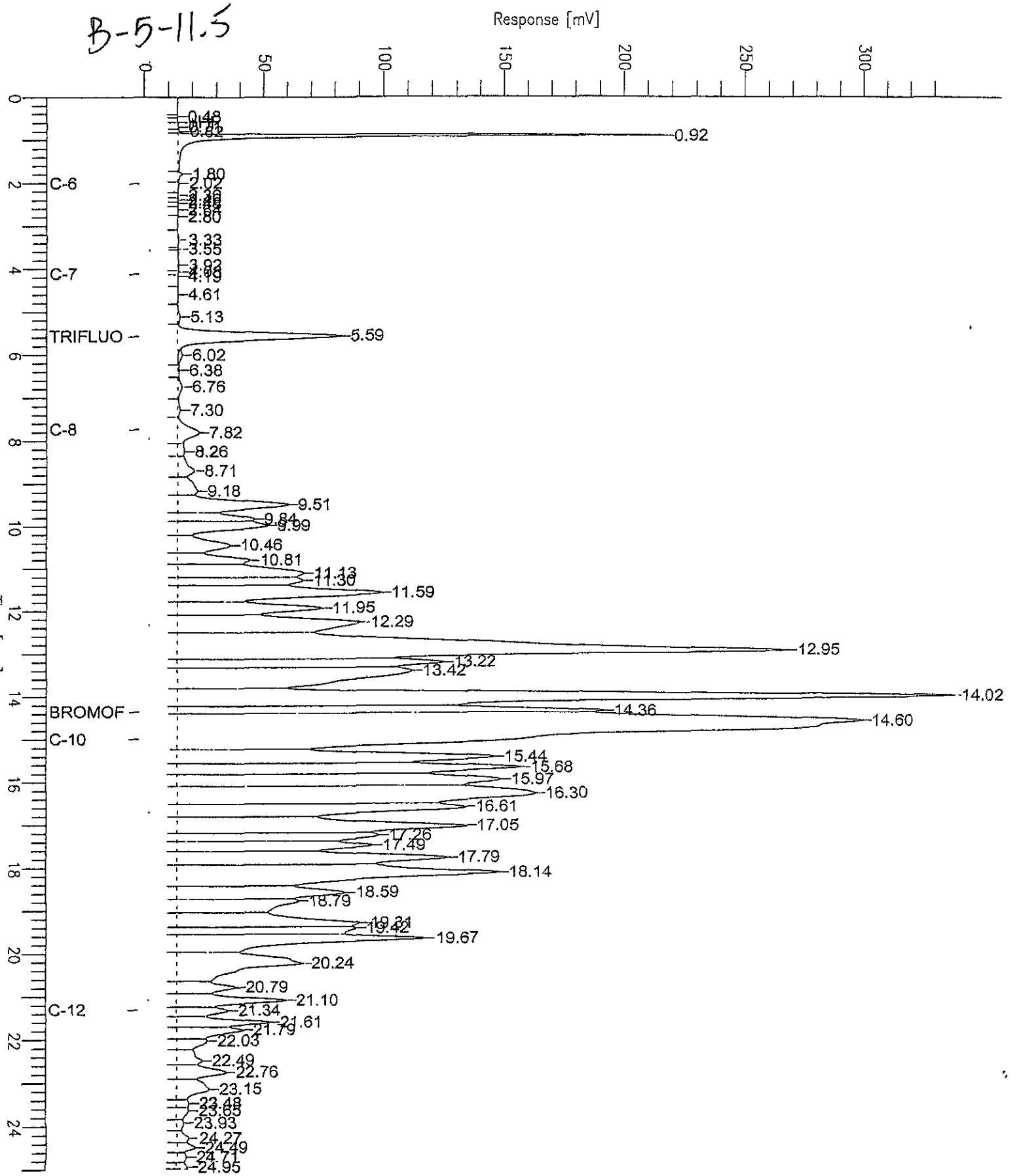
0.17
0.93
1.79
2.12
2.35
2.68
3.27
4.15
4.74
5.07
5.55
6.24
6.75
7.80
9.15
9.48
9.78
10.42
10.76
11.10
11.57
11.90
12.39
12.89
13.35
13.66
13.98
14.31
14.69
14.94
15.40
15.63
15.90
16.24
16.57
17.00
17.45
17.73
18.10
18.53
18.76
19.21
19.65
20.37
20.76
21.06
21.29
21.79
22.28
22.74
23.11
23.46
24.25
24.94

Chromatogram

Sample Name : 177632-019,99119,tvh+minsp
FileName : G:\GC05\DATA\044G040.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -2 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:25 AM
Time of Injection: 2/14/05 09:31 AM
Low Point : -2.34 mV High Point : 337.23 mV
Plot Scale: 339.6 mV

B-5-11.5



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-5-13.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-020	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	68-135
Bromofluorobenzene (FID)	99	75-148

Field ID:	B-4-3.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-021	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.1

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	68-135
Bromofluorobenzene (FID)	98	75-148

Field ID:	B-4-7.5	Diln Fac:	1.000
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-022	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	68-135
Bromofluorobenzene (FID)	86	75-148

Field ID:	B-4-11.5	Diln Fac:	100.0
Type:	SAMPLE	Batch#:	99119
Lab ID:	177632-023	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	1,600	100

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	68-135
Bromofluorobenzene (FID)	311 * >LR b	75-148

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

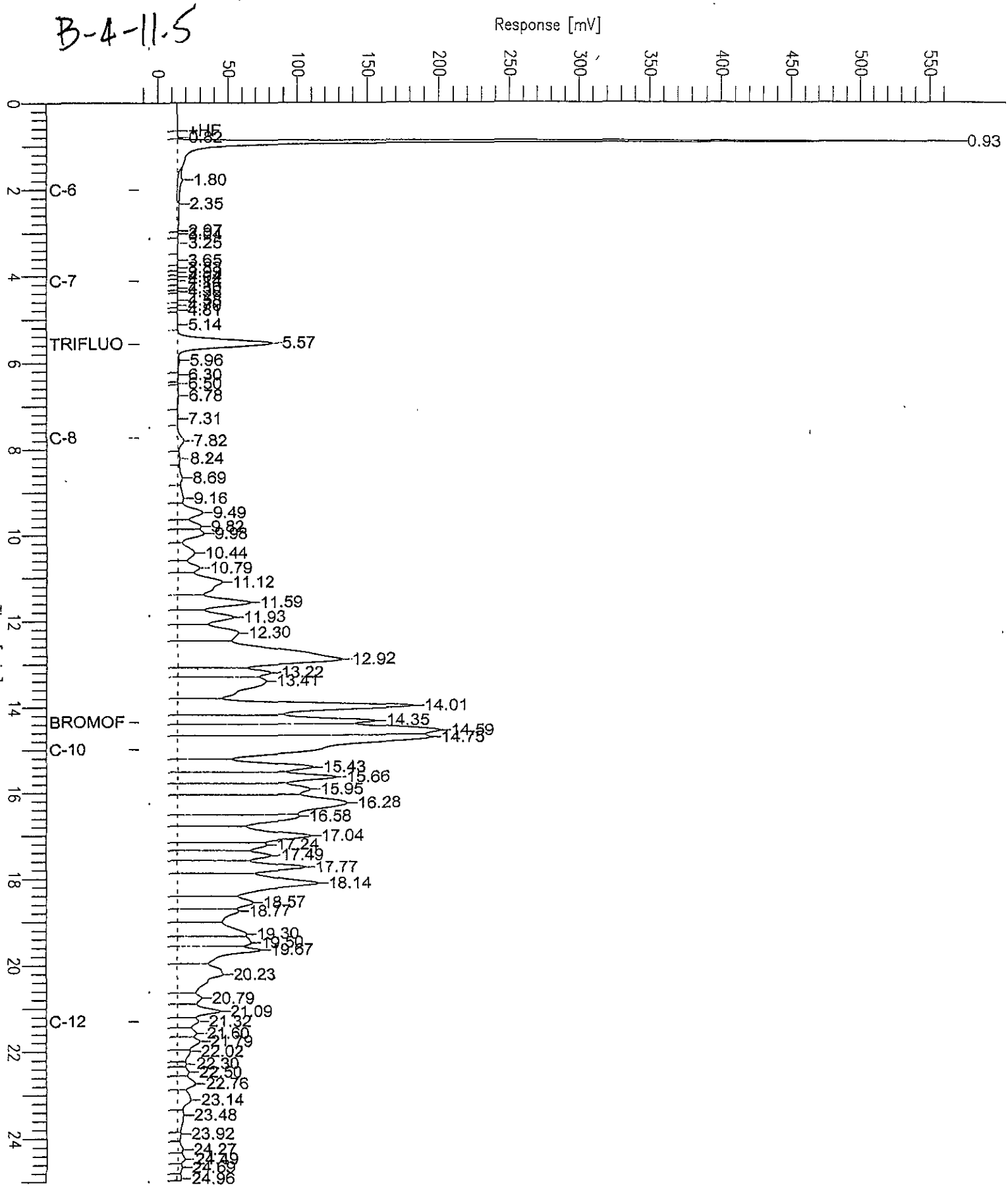
2.2

Chromatogram

Sample Name : 177632-023,99119,tvh+minsp
FileName : G:\GC05\DATA\044G041.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -14 mV

Sample #: a Page 1 of 1
Date : 2/14/05 11:25 AM
Time of Injection: 2/14/05 10:03 AM
Low Point : -13.93 mV High Point : 568.80 mV
Plot Scale: 582.7 mV

B-4-11.5



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received		

Field ID:	B-4-13.5	Diln Fac:	50.00
Type:	SAMPLE	Batch#:	99133
Lab ID:	177632-024	Analyzed:	02/14/05

Analyte	Result	RL
Mineral Spirits C7-C12	1,400	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	68-135
Bromofluorobenzene (FID)	247 *	>LR b 75-148

Type:	BLANK	Batch#:	99119
Lab ID:	QC282454	Analyzed:	02/13/05
Diln Fac:	1.000		

Analyte	Result	RL
Mineral Spirits C7-C12	ND	1.0

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	68-135
Bromofluorobenzene (FID)	94	75-148

Type:	BLANK	Batch#:	99133
Lab ID:	QC282514	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Mineral Spirits C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	68-135
Bromofluorobenzene (FID)	103	75-148

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

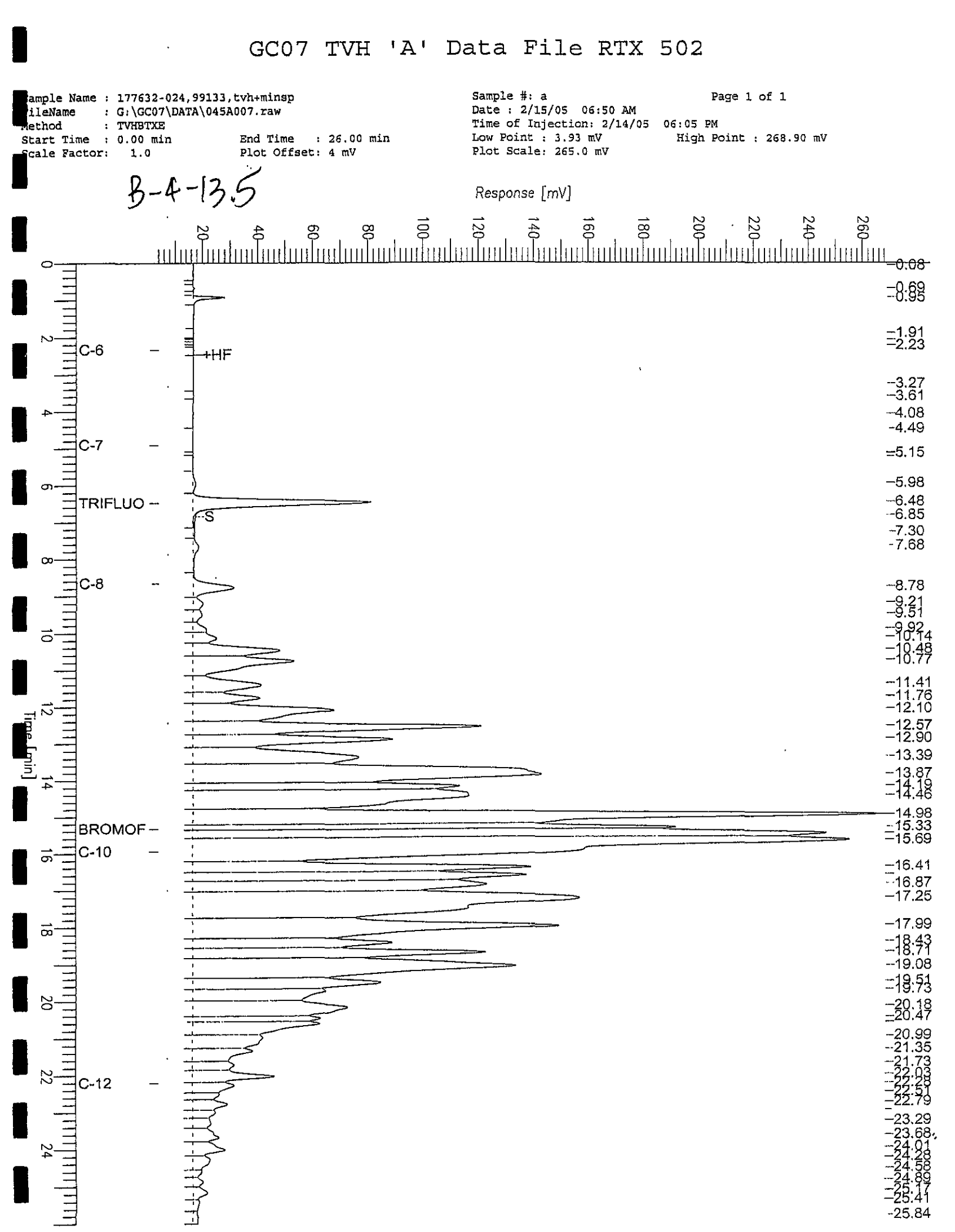
2.2

GC07 TVH 'A' Data File RTX 502

Sample Name : 177632-024,99133,tvh+minsp
FileName : G:\GC07\DATA\045A007.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 26.00 min
Scale Factor: 1.0 Plot Offset: 4 mV

Sample #: a Page 1 of 1
Date : 2/15/05 06:50 AM
Time of Injection: 2/14/05 06:05 PM
Low Point : 3.93 mV High Point : 268.90 mV
Plot Scale: 265.0 mV

B-4-13.5



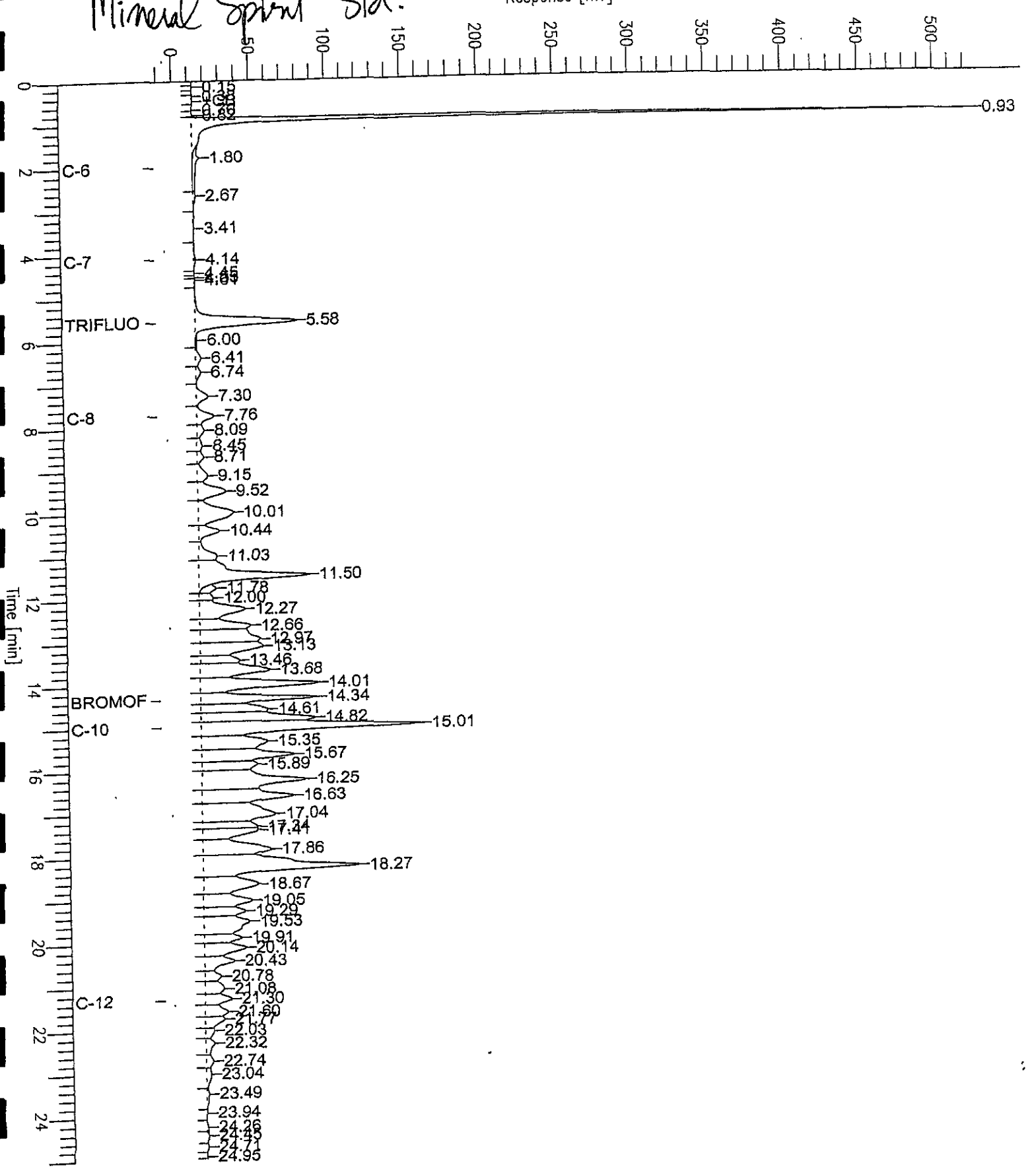
Chromatogram

mple Name : ccv,minsp,99119,05ws0253,5/5000
leName : G:\GC05\DATA\044G003.raw
Method : TVHBTXE
Start Time : 0.00 min
cale Factor: 1.0

End Time : 25.00 min
Plot Offset: -12 mV

Sample #:
Date : 2/13/05 01:54 PM
Time of Injection: 2/13/05 01:28 PM
Low Point : -12.22 mV
Plot Scale: 538.2 mV

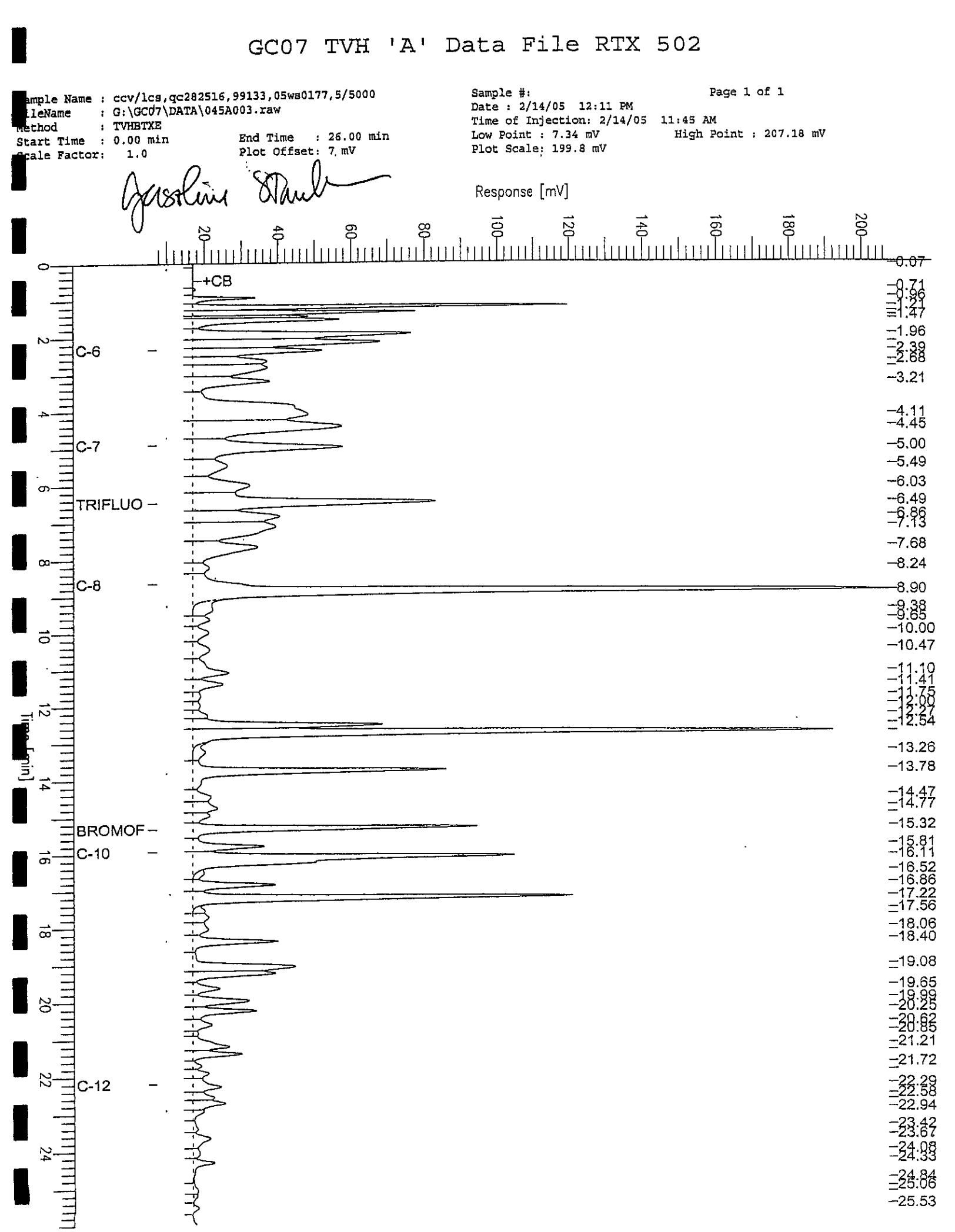
Mineral Spirit Std.



GC07 TVH 'A' Data File RTX 502

Sample Name : ccv/lcs,qc282516,99133,05ws0177,5/5000
FileName : G:\GC07\DATA\045A003.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 26.00 min
Scale Factor: 1.0 Plot Offset: 7 mV

Sample #: Page 1 of 1
Date : 2/14/05 12:11 PM
Time of Injection: 2/14/05 11:45 AM
Low Point : 7.34 mV High Point : 207.18 mV
Plot Scale: 199.8 mV



Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC282455	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99119
Units:	mg/Kg	Analyzed:	02/13/05

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	9.468	95	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	129	68-135
Bromofluorobenzene (FID)	104	75-148

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC282516	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99133
Units:	mg/Kg	Analyzed:	02/14/05

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	10.00	10.75	107	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	115	68-135
Bromofluorobenzene (FID)	102	75-148

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Field ID:	B-1-3.5	Diln Fac:	1.000
MSS Lab ID:	177632-001	Batch#:	99119
Matrix:	Soil	Sampled:	02/10/05
Units:	mg/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/13/05

Type: MS Lab ID: QC282456

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.06181	10.20	8.043	78	48-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	68-135
Bromofluorobenzene (FID)	105	75-148

Type: MSD Lab ID: QC282457

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.10	7.909	78	48-120	1	24

Surrogate	%REC	Limits
Trifluorotoluene (FID)	130	68-135
Bromofluorobenzene (FID)	106	75-148

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.

atch QC Report

Total Volatile Hydrocarbons

Lab #:	177632	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	177659-005	Batch#:	99133
Matrix:	Soil	Sampled:	02/12/05
Units:	mg/Kg	Received:	02/14/05
Basis:	as received	Analyzed:	02/15/05

Type: MS Lab ID: QC282581

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	<0.1174	10.00	6.885	69	48-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	116	68-135
Bromofluorobenzene (FID)	99	75-148

ype: MSD Lab ID: QC282582

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.00	7.284	73	48-120	6	24

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	68-135
Bromofluorobenzene (FID)	100	75-148

RPD= Relative Percent Difference

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

A N A L Y T I C A L R E P O R T

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 25-FEB-05
Lab Job Number: 177622
Project ID: 70-03365.04
Location: Dunne Paints

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	177622
Client:	Clayton Group Services
Project:	70-03365.04
Location:	Dunne Paints
Request Date:	02/11/05
Samples Received:	02/11/05

This hardcopy data package contains sample and QC results for six water samples, requested for the above referenced project on 02/11/05. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
Response exceeding the instrument's linear range was observed for bromofluorobenzene (FID) in B-6-W (lab # 177622-004); affected data was qualified with "b". High surrogate recoveries were observed for bromofluorobenzene (FID) in B-1-W (lab # 177622-001), B-3-W (lab # 177622-003), and B-6-W (lab # 177622-004); the corresponding trifluorotoluene (FID) surrogate recoveries were within limits. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
Low recoveries were observed for trichloroethene in the MS/MSD for batch 99171; the parent sample was not a project sample, the LCS was within limits, and the associated RPD was within limits. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 177622

Project No.: 70-03365.04
Project Name: GLC
Project P.O.: 70-03365.04
Turnaround Time: Std

Sampler: P. McLaughlin
Report To: Tim Bodkin
Company: Clayton Group
Telephone: (925) 426-2600
Fax: (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analysis: TPH-mineral spirits (TMS)	Analysis: VOCs/8260
-1	B-1-W	2-10-05/0900		X		5 pm	X			X	X	X
-2	B-2-W	2-10-05/1050		↓		5	↓			↓	X	X
-3	B-3-W	/1240				5					X	X
-4	B-6-W	/1335				5					X	X
-5	B-5-W	/1500				5					X	X
-6	B-4-W	/1550				5					X	X

Notes:
Some sample labels mislabeled. Actual Project Name/client @ GLC Phil McLaughlin
SIGNATURE

SAMPLE RECEIPT
☒ Intact ☒ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☒ Yes ☐ No ☐ N/A

RELINQUISHED BY:
Philip McLaughlin 2-11-05/0840 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
2/11/05 8:40am DATE / TIME
DATE / TIME
DATE / TIME

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/10/05
Units:	ug/L	Received:	02/11/05
Batch#:	99080	Analyzed:	02/11/05

Field ID: B-1-W
Type: SAMPLE
Lab ID: 177622-001
Diln Fac: 1.000

Analyte	Result	RL
Mineral Spirits C7-C12	1,400	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	100	70-141
Bromofluorobenzene (FID)	189 *	80-143

Field ID: B-2-W
Type: SAMPLE
Lab ID: 177622-002
Diln Fac: 1.000

Analyte	Result	RL
Mineral Spirits C7-C12	220	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	70-141
Bromofluorobenzene (FID)	130	80-143

Field ID: B-3-W
Type: SAMPLE
Lab ID: 177622-003
Diln Fac: 2.000

Analyte	Result	RL
Mineral Spirits C7-C12	1,600	100

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	70-141
Bromofluorobenzene (FID)	155 *	80-143

Field ID: B-6-W
Type: SAMPLE
Lab ID: 177622-004
Diln Fac: 10.00

Analyte	Result	RL
Mineral Spirits C7-C12	47,000	500

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-141
Bromofluorobenzene (FID)	458 *	>LR b 80-143

*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

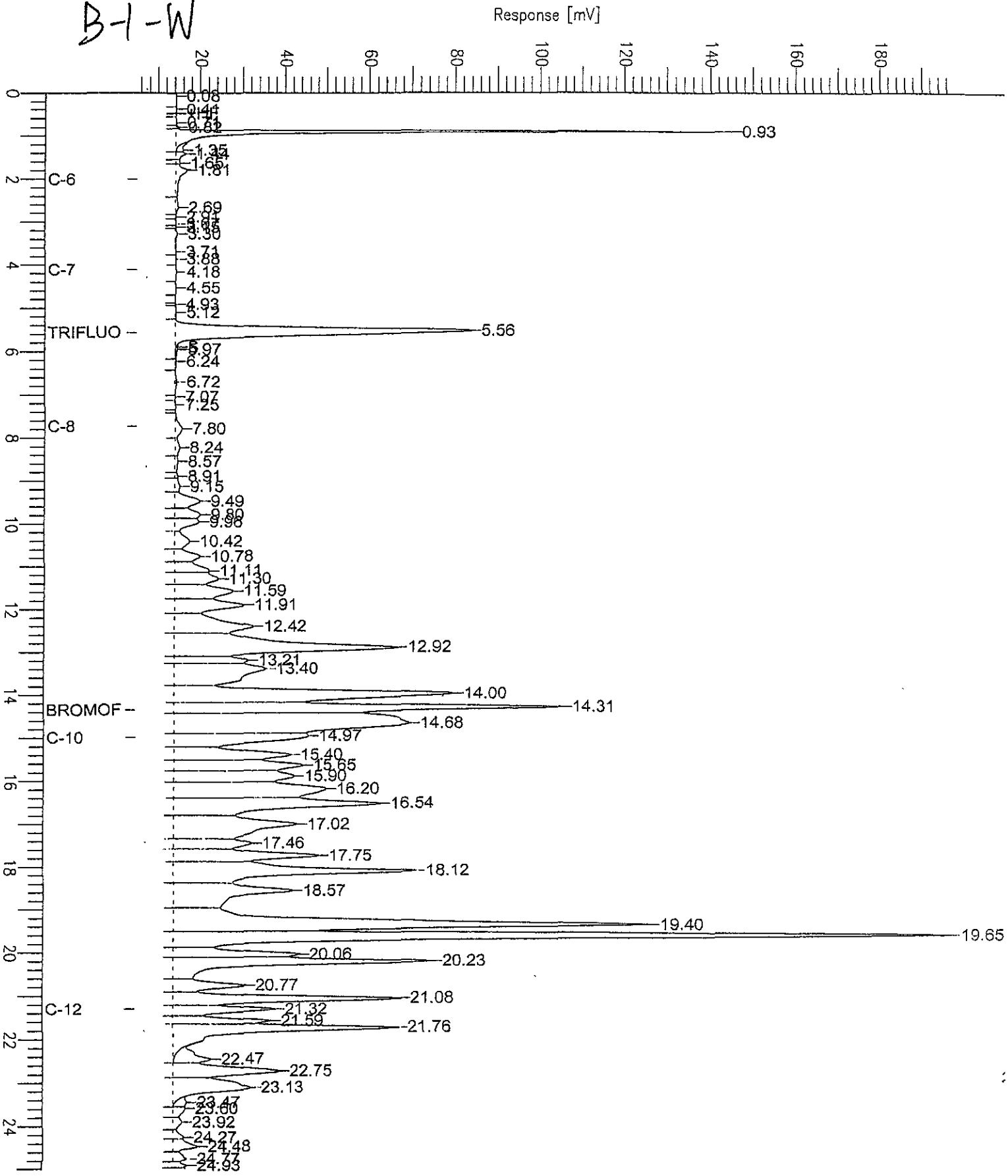
2.1

Chromatogram

Sample Name : 177622-001,99080,tvh+minsp
FileName : G:\GC05\DATA\042G008.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 5 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 02:03 PM
Low Point : 4.81 mV High Point : 197.99 mV
Plot Scale: 193.2 mV

B-1-W

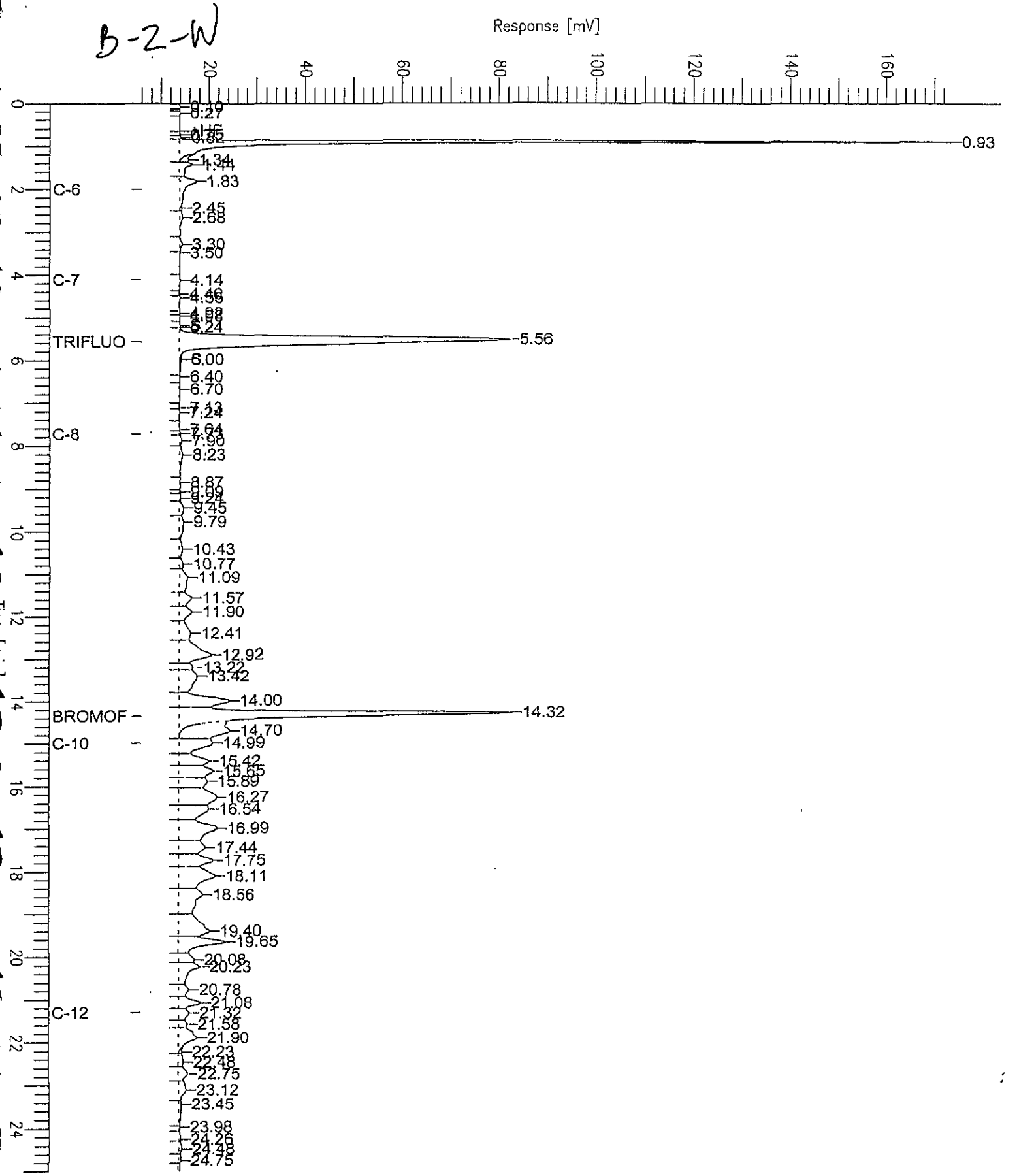


Chromatogram

Sample Name : 177622-002,99080,tvh+minsp
FileName : G:\GC05\DATA\042G009.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 6 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 02:35 PM
Low Point : 5.91 mV High Point : 173.73 mV
Plot Scale: 167.8 mV

B-2-W

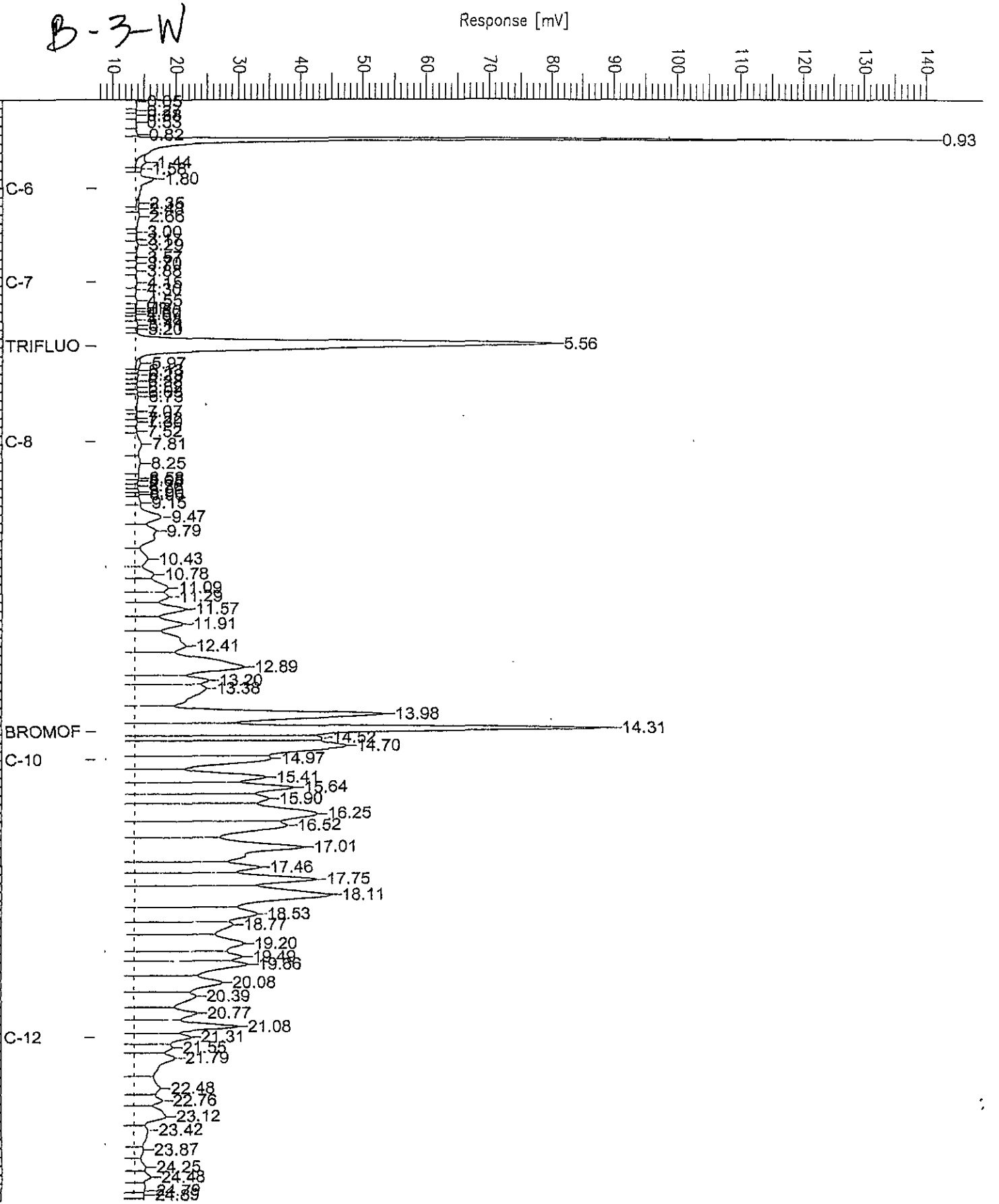


Chromatogram

Sample Name : 177622-003,99080,tvh+minsp
FileName : G:\GC05\DATA\042G013.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 7 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 04:43 PM
Low Point : 7.27 mV High Point : 140.85 mV
Plot Scale: 133.6 mV

B-3-W

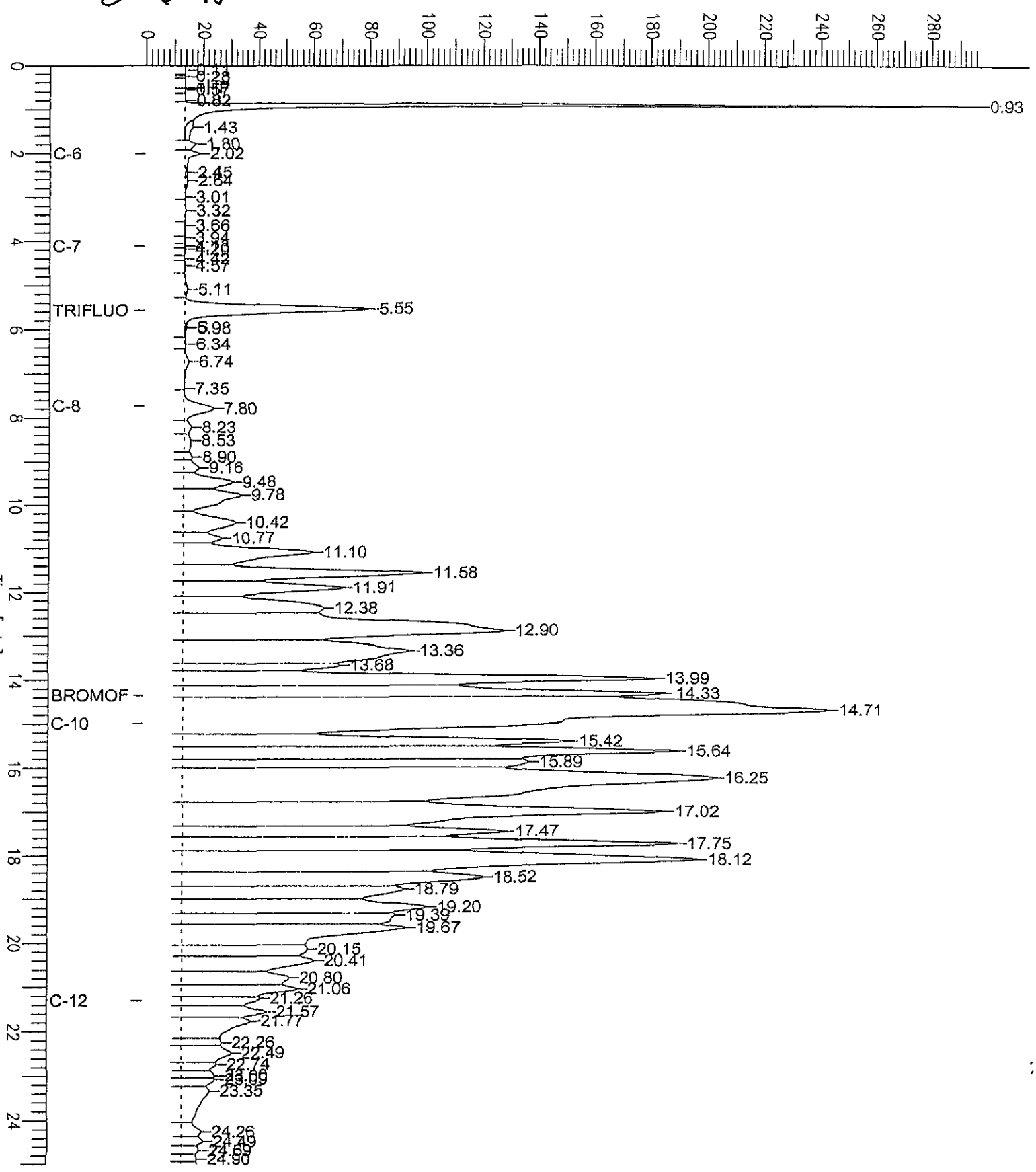


Chromatogram

Sample Name : 177622-004,99080,tvh+minsp
FileName : G:\GC05\DATA\042G014.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -1 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 05:15 PM
Low Point : -0.58 mV High Point : 296.97 mV
Plot Scale: 297.5 mV

B-6-W



Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Matrix:	Water	Sampled:	02/10/05
Units:	ug/L	Received:	02/11/05
Batch#:	99080	Analyzed:	02/11/05

Field ID: B-5-W | Lab ID: 177622-005
Type: SAMPLE | Diln Fac: 25.00

Analyte	Result	RL
Mineral Spirits C7-C12	7,200	1,300

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	70-141
Bromofluorobenzene (FID)	118	80-143

Field ID: B-4-W | Lab ID: 177622-006
Type: SAMPLE | Diln Fac: 1.000

Analyte	Result	RL
Mineral Spirits C7-C12	450	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	99	70-141
Bromofluorobenzene (FID)	142	80-143

Type: BLANK | Diln Fac: 1.000
Lab ID: QC282329

Analyte	Result	RL
Mineral Spirits C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	70-141
Bromofluorobenzene (FID)	95	80-143

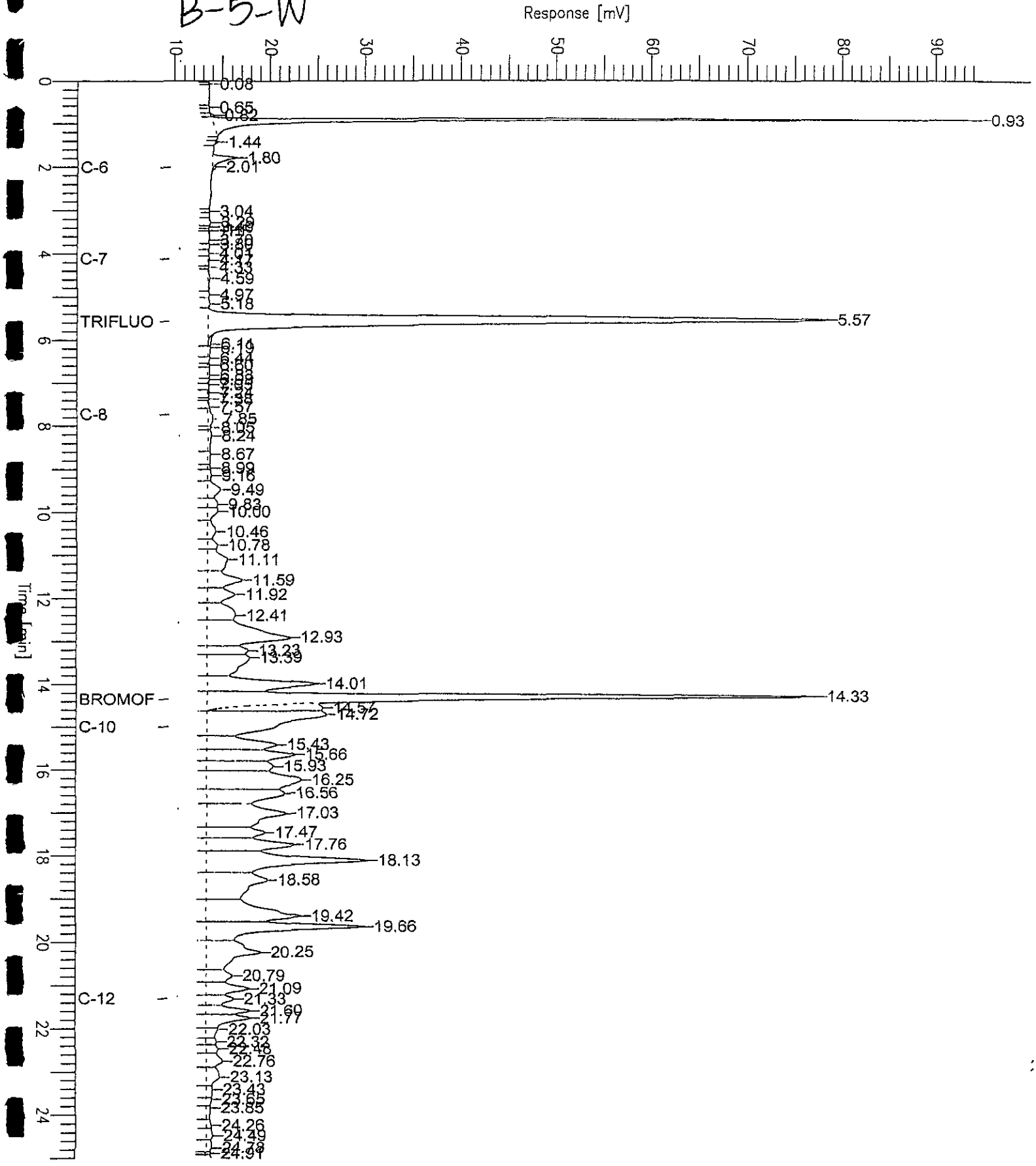
*= Value outside of QC limits; see narrative
b= See narrative
ND= Not Detected
RL= Reporting Limit
LR= Response exceeds instrument's linear range

Chromatogram

Sample Name : 177622-005,99080,tvh+minsp
FileName : G:\GC05\DATA\042G017.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 9 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 07:02 PM
Low Point : 9.48 mV High Point : 94.84 mV
Plot Scale: 85.4 mV

B-5-W



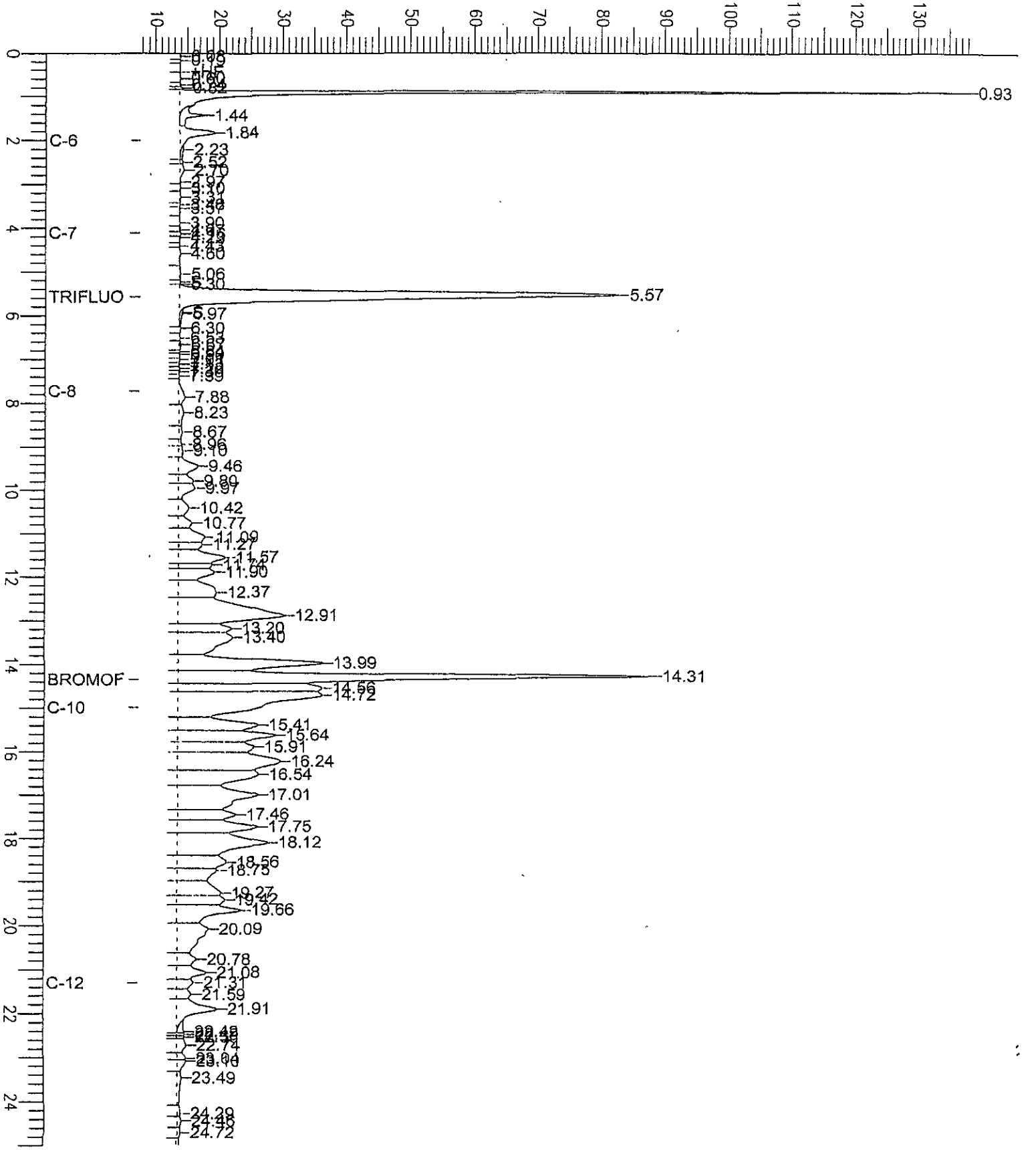
Chromatogram

Sample Name : 177622-006,99080,tvh+minsp
FileName : G:\GC05\DATA\042G010.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: 8 mV

Sample #: a1.0 Page 1 of 1
Date : 2/11/05 07:37 PM
Time of Injection: 2/11/05 03:07 PM
Low Point : 7.58 mV High Point : 138.00 mV
Plot Scale: 130.4 mV

B-4-W

Response [mV]



Chromatogram

mple Name : ccv,minsp,99080,05ws0253,5/5000
leName : G:\GC05\DATA\042G004.raw
ethod : TVHBTXE
Start Time : 0.00 min
Scale Factor: 1.0

End Time : 25.00 min
Plot Offset: -9 mV

Sample #: Page 1 of 1
Date : 2/11/05 12:20 PM
Time of Injection: 2/11/05 11:55 AM
Low Point : -8.76 mV High Point : 468.74 mV
Plot Scale: 477.5 mV

Mineral Spirit STd.

Response [mV]

0 50 100 150 200 250 300 350 400 450

Time [min]

0 2 4 6 8 10 12 14 16 18 20 22 24

C-6
C-7
TRIFLUO
C-8
BROMOF
C-10
C-12

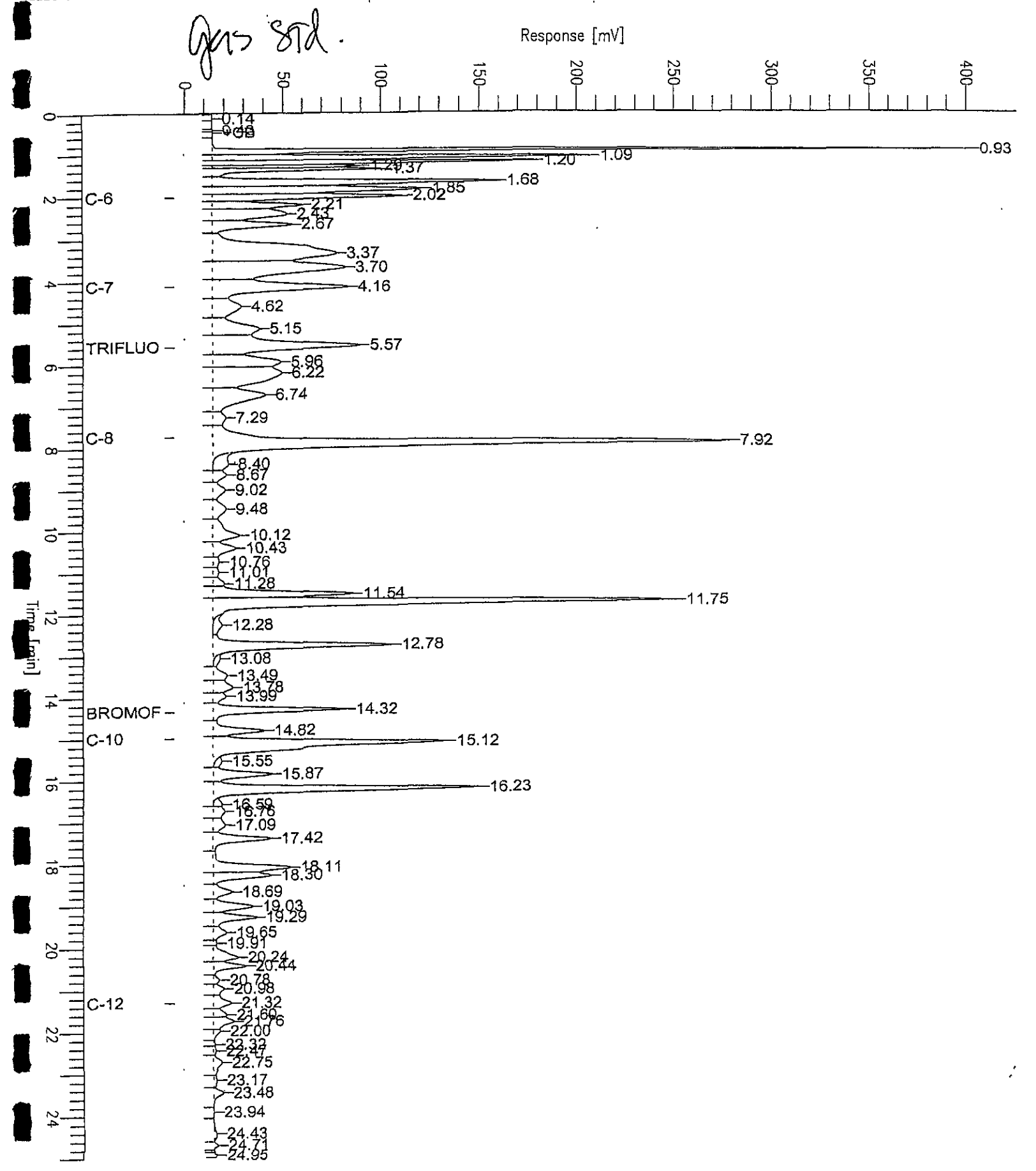
0.06
0.30
0.62
0.93
1.79
2.01
2.68
3.38
3.46
3.67
4.12
4.58
5.56
5.96
6.40
6.73
7.28
7.74
8.06
8.43
8.68
9.13
9.49
9.99
10.42
11.01
11.48
11.75
11.99
12.25
12.63
12.94
13.10
13.44
13.66
13.98
14.32
14.58
14.80
14.99
15.33
15.64
15.86
16.23
16.61
17.02
17.32
17.84
18.26
18.66
19.03
19.27
19.52
19.89
20.12
20.42
20.77
21.06
21.29
21.59
21.76
22.02
22.31
22.73
23.04
23.48
23.95
24.26
24.44
24.71
24.94

Chromatogram

Sample Name : ccv/lcs,qc282331,99080,05ws0177,5/5000
FileName : G:\GC05\DATA\042G003.raw
Method : TVHBTXE
Start Time : 0.00 min End Time : 25.00 min
Scale Factor: 1.0 Plot Offset: -6 mV

Sample #: Page 1 of 1
Date : 2/11/05 11:48 AM
Time of Injection: 2/11/05 11:23 AM
Low Point : -5.55 mV High Point : 401.98 mV
Plot Scale: 407.5 mV

Gas Std.



Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC282331	Batch#:	99080
Matrix:	Water	Analyzed:	02/11/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	1,954	98	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	138	70-141
Bromofluorobenzene (FID)	112	80-143

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	99080
MSS Lab ID:	177620-010	Sampled:	02/10/05
Matrix:	Water	Received:	02/10/05
Units:	ug/L	Analyzed:	02/12/05
Diln Fac:	1.000		

Type: MS Lab ID: QC282429

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	91.93	2,000	1,893	90	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	138	70-141
Bromofluorobenzene (FID)	110	80-143

Type: MSD Lab ID: QC282430

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,872	89	80-120	1	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	137	70-141
Bromofluorobenzene (FID)	107	80-143

RPD= Relative Percent Difference

4.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-1-W	Batch#:	99128
Lab ID:	177622-001	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-1-W	Batch#:	99128
Lab ID:	177622-001	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-120
1,2-Dichloroethane-d4	99	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-122

ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-2-W	Batch#:	99128
Lab ID:	177622-002	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-2-W	Batch#:	99128
Lab ID:	177622-002	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-3-W	Batch#:	99128
Lab ID:	177622-003	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

7.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-3-W	Batch#:	99128
Lab ID:	177622-003	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	103	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-6-W	Batch#:	99171
Lab ID:	177622-004	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/16/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-6-W	Batch#:	99171
Lab ID:	177622-004	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/16/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-120
1,2-Dichloroethane-d4	102	80-120
Toluene-d8	100	80-120
Bromofluorobenzene	94	80-122

ND= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-5-W	Batch#:	99171
Lab ID:	177622-005	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/16/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-5-W	Batch#:	99171
Lab ID:	177622-005	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/16/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	5.3	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	93	80-122

ND= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-4-W	Batch#:	99128
Lab ID:	177622-006	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-4-W	Batch#:	99128
Lab ID:	177622-006	Sampled:	02/10/05
Matrix:	Water	Received:	02/11/05
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	106	80-122

ND= Not Detected
RL= Reporting Limit

10.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282501	Batch#:	99128
Matrix:	Water	Analyzed:	02/14/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282501	Batch#:	99128
Matrix:	Water	Analyzed:	02/14/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-120
1,2-Dichloroethane-d4	93	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	102	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282674	Batch#:	99171
Matrix:	Water	Analyzed:	02/15/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282674	Batch#:	99171
Matrix:	Water	Analyzed:	02/15/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	98	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	109	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282675	Batch#:	99171
Matrix:	Water	Analyzed:	02/15/05
Units:	ug/L		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	10
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC282675	Batch#:	99171
Matrix:	Water	Analyzed:	02/15/05
Units:	ug/L		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	97	80-120
Toluene-d8	98	80-120
Bromofluorobenzene	108	80-122

ND= Not Detected
RL= Reporting Limit

13.0

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	99128
Units:	ug/L	Analyzed:	02/14/05
Diln Fac:	1.000		

ype: BS Lab ID: QC282499

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.14	81	75-120
Benzene	25.00	21.25	85	79-120
Trichloroethene	25.00	21.41	86	79-120
Toluene	25.00	21.30	85	80-120
Chlorobenzene	25.00	22.09	88	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	94	80-120
1,2-Dichloroethane-d4	93	80-120
Toluene-d8	98	80-120
Bromofluorobenzene	96	80-122

ype: BSD Lab ID: QC282500

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	23.95	96	75-120	17	20
Benzene	25.00	25.11	100	79-120	17	20
Trichloroethene	25.00	25.32	101	79-120	17	20
Toluene	25.00	25.06	100	80-120	16	20
Chlorobenzene	25.00	25.58	102	80-120	15	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	80-120
1,2-Dichloroethane-d4	92	80-120
Toluene-d8	98	80-120
Bromofluorobenzene	94	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC282673	Batch#:	99171
Matrix:	Water	Analyzed:	02/15/05
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	23.25	93	75-120
Benzene	25.00	22.57	90	79-120
Trichloroethene	25.00	23.49	94	79-120
Toluene	25.00	22.74	91	80-120
Chlorobenzene	25.00	22.97	92	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-120
1,2-Dichloroethane-d4	96	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177622	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	99171
MSS Lab ID:	177654-003	Sampled:	02/11/05
Matrix:	Water	Received:	02/14/05
Units:	ug/L	Analyzed:	02/15/05
Diln Fac:	62.50		

Type: MS Lab ID: QC282676

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<5.588	1,563	1,340	86	67-120
Benzene	<1.709	1,563	1,424	91	77-120
Trichloroethene	3,584	1,563	4,594	65 *	69-120
Toluene	<3.282	1,563	1,417	91	72-120
Chlorobenzene	<3.096	1,563	1,452	93	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-120
1,2-Dichloroethane-d4	98	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	96	80-122

Type: MSD Lab ID: QC282677

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	1,563	1,277	82	67-120	5	20
Benzene	1,563	1,359	87	77-120	5	20
Trichloroethene	1,563	4,464	56 *	69-120	3	20
Toluene	1,563	1,342	86	72-120	5	20
Chlorobenzene	1,563	1,400	90	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-120
1,2-Dichloroethane-d4	98	80-120
Toluene-d8	98	80-120
Bromofluorobenzene	96	80-122

*= Value outside of QC limits; see narrative
RPD= Relative Percent Difference

16.0

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

A N A L Y T I C A L R E P O R T

Prepared for:

Clayton Group Services
6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566

Date: 28-FEB-05
Lab Job Number: 177857
Project ID: 70-03365.04
Location: Dunne Paints

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 signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	177857
Client:	Clayton Group Services
Project:	70-03365.04
Location:	Dunne Paints
Request Date:	02/24/05
Samples Received:	02/11/05

This hardcopy data package contains sample and QC results for six soil samples, requested for the above referenced project on 02/24/05. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 8260B):
High surrogate recoveries were observed for bromofluorobenzene in a number of samples; no target analytes were detected in these samples. No other analytical problems were encountered.

177857

Patricia Flynn

From: "Timothy Bodkin" <TBodkin@claytongrp.com>
To: <pat@ctberk.com>
Sent: Wednesday, February 23, 2005 11:58 AM
Subject: Additional Analyses for VOCs on soil samples

Hi Pat:

We would like to run a VOCs (EPA Method 8260B) analyses on the following samples recently submitted to you. The sample ids are the following:

B-1-11.5	-003
B-2-12.5	-007
B-3-11.5	-011
B-4-11.5	- 177632-023
B-5-11.5	-019
B-6-11.5	- 015

Please contact me if you have any questions. I believe we are at the end of the holding time for these samples. Please extract and analyze ASAP.

Thanks.

Timothy G. Bodkin, CEG, REA
Senior Project Manager
Clayton Group Services
6920 Koll Center Parkway, Suite 216
Pleasanton, CA 94566
(925) 426-2626 (Phone)
(925) 426-0106 (Fax)
tbodkin@claytongrp.com

>>> "Patricia Flynn" <pat@ctberk.com> 2/17/2005 3:47:54 PM >>>
Attached is a PDF version of the hardcopy reports for C&T job 177622.

Email compiled and sent 02/17/05 03:47 PM.

6920 Koll Center Parkway
Suite 216
Pleasanton, CA 94566
925.426.2600
Fax 925.426.0106

Clayton GROUP SERVICES

FAX COVER

To: Pat Flynn
Company: Curtis & Tompkins
Fax No.: (510) 486-0532
No. of Pages (including cover): 2
Please confirm receipt: YES (NO)

From: Phil McLaughlin
Date: 2/11/05
Project No.: 70-03365.04

	As Requested		For Approval		Original to Follow in Mail
	For Review		For Your File		Original to Follow Overnight

COMMENTS:

Pat,

See attached COC pg 1 of 2 for changes:
Don't Analyze samples B-1-15.5, B-2-15.5 & B-3-13.5.

Thanks,

Phil

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 177632

Sampler: P. McLaughlin

Project No.: 70-03365.04 | Report To: Tim Bodkin

Project Name: GLC | Company: Clayton Group

Project P.O.: 70-03365.04 | Telephone: (925) 426-2600

Turnaround Time: Std | Fax: PM (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH - Mineral spirits (MS)
-1	B-1-3.5	2-10-05 0810	X			1				X	X
-2	B-1-7.5	0820									X
-3	B-1-11.5	0835									X HOLD
-4	B-1-15.5	0850									X
-5	B-2-3.5	0945									X
-6	B-2-7.5	1000									X
-7	B-2-12.5	1040									X HOLD
-8	B-2-15.5	1040									X
-9	B-3-3.5	1150									X
-10	B-3-7.5	1200									X
-11	B-3-11.5	1215									X
-12	B-3-13.5	1230									X HOLD
-13	B-6-3.5	1305									X

Notes:
Save samples after TPH-MS Analysis for possible VOC/8260 Analysis. Some sampling labels are mislabled. Actual Client: GLC

SAMPLE RECEIPT
☐ Intact ☑ Cold
☑ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☒ N/A

RELINQUISHED BY:
Philip McLaughlin 0840 2-10-05 DATE / TIME
DATE / TIME
DATE / TIME

RECEIVED BY:
PM 2/11/05 8:40AM DATE / TIME
DATE / TIME
DATE / TIME

SIGNATURE
P. McLaughlin

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

C & T LOGIN #: 177632

Project No.: 70-03365.04
Project Name: GLC
Project P.O.: 70-03365.04
Turnaround Time:

Sampler: P. McLaughlin
Report To: Tim Bodkin
Company: Clayton Group
Telephone: (925) 426-2600
Fax: (925) 426-0106

Lab No.	Sample ID.	Sampling Date Time (PM)	Matrix: Soil	Water	Waste	# of Containers	Preservative: HCL	H_2SO_4	HNO_3	ICE	Analysis: TPH-Mineral spirits (MS)
-14	B-6-7.5	2-10-05 / 1310	X			1				X	X
-15	B-6-11.5	/ 1315									X
-16	B-6-13.5	/ 1320									X
-17	B-5-3.5	/ 1425									X
-18	B-5-7.5	/ 1435									X
-19	B-5-11.5	/ 1445									X
-20	B-5-13.5	/ 1450									X
-21	B-4-3.5	/ 1510									X
-22	B-4-7.5	/ 1520									X
-23	B-4-11.5	/ 1530									X
-24	B-4-13.5	/ 1535									X

B-5

Notes:
Save samples after TPH-MS analysis for possible VOC/8260 Analysis. Some sample labels are mislabeled. Actual client: GLC P. McLaughlin

SAMPLE RECEIPT
☒ Intact ☑ Cold
☒ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☒ N/A

RELINQUISHED BY:
Paul McLaughlin 2/10/05 0840 DATE / TIME
SIGNATURE
DATE / TIME
DATE / TIME

RECEIVED BY:
2/11/05 5:40 PM DATE / TIME
DATE / TIME
DATE / TIME

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

C & T LOGIN #: ____

Sampler: P. McLaughlin
Report To: Tim Bodkin
Company: Clayton Group
Telephone: (925) 426-2600
Fax: (925) 426-0106

Project No.: 70-03365.04
Project Name: GLC
Project P.O.: 70-03365.04
Turnaround Time: Std

Analysis: TPH - Mineral Spirits (MS)

Lab No.	Sample ID.	Sampling Date Time	Soil	Water	Waste		# of Containers	HCL	H_2SO_4	HNO_3	ICE		TPH - Mineral Spirits (MS)
	B-1-3.5	2-10-05 / 0810	X				1				X		X
	B-1-7.5	↓ / 0820	↓				↓				↓		X
	B-1-11.5	/ 0835											X
X	~~B-1-15.5~~ Don't Analyze	/ 0850											~~X~~ ← Don't Analyze
	B-2-3.5	/ 0945											X
	B-2-7.5	/ 1000											X
	B-2-12.5	/ 1040											X
X	~~B-2-15.5~~ Don't Analyze	/ 1040											~~X~~ ← Don't Analyze
	B-3-3.5	/ 1150											X
	B-3-7.5	/ 1200											X
	B-3-11.5	/ 1215											X
X	~~B-3-13.5~~ Don't Analyze	/ 1230											~~X~~ ← Don't Analyze
	B-6-3.5	/ 1305											X

Notes: Save samples after TPH-MS Analysis for possible VOC / 8260 Analysis. Some sampling labels are mislabled. Actual client: GLC

SIGNATURE P. McLaughlin

SAMPLE RECEIPT
☑ Intact ☑ Cold
☑ On Ice ☐ Ambient
Preservative Correct?
☐ Yes ☐ No ☐ N/A

RELINQUISHED BY:	DATE / TIME	RECEIVED BY:	DATE / TIME
Philip McLaughlin	~~2-10-05~~ 0840 2-11-05	[signature]	2/11/05 8:40 AM
	DATE / TIME		DATE / TIME
	DATE / TIME		DATE / TIME

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-1-11.5	Diln Fac:	5.000
Lab ID:	177857-001	Batch#:	99435
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	50
Chloromethane	ND	50
Vinyl Chloride	ND	50
Bromomethane	ND	50
Chloroethane	ND	50
Trichlorofluoromethane	ND	25
Acetone	ND	100
Freon 113	ND	25
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	100
Carbon Disulfide	ND	25
MTBE	ND	25
trans-1,2-Dichloroethene	ND	25
Vinyl Acetate	ND	250
1,1-Dichloroethane	ND	25
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	25
2,2-Dichloropropane	ND	25
Chloroform	ND	25
Bromochloromethane	ND	25
1,1,1-Trichloroethane	ND	25
1,1-Dichloropropene	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Benzene	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
Dibromomethane	ND	25
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	25
Toluene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
2-Hexanone	ND	50
1,3-Dichloropropane	ND	25
Tetrachloroethene	ND	25
Dibromochloromethane	ND	25
1,2-Dibromoethane	ND	25
Chlorobenzene	ND	25
1,1,1,2-Tetrachloroethane	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25
Styrene	ND	25
Bromoform	ND	25
Isopropylbenzene	ND	25
1,1,2,2-Tetrachloroethane	ND	25
1,2,3-Trichloropropane	ND	25
Propylbenzene	ND	25
Bromobenzene	ND	25
1,3,5-Trimethylbenzene	ND	25
2-Chlorotoluene	ND	25
4-Chlorotoluene	ND	25

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-1-11.5	Diln Fac:	5.000
Lab ID:	177857-001	Batch#:	99435
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
tert-Butylbenzene	ND	25
1,2,4-Trimethylbenzene	ND	25
sec-Butylbenzene	ND	25
para-Isopropyl Toluene	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
n-Butylbenzene	ND	25
1,2-Dichlorobenzene	ND	25
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	25
Hexachlorobutadiene	ND	25
Naphthalene	ND	25
1,2,3-Trichlorobenzene	ND	25

Surrogate	%REC		Limits
Dibromofluoromethane	109		79-120
1,2-Dichloroethane-d4	114		80-120
Toluene-d8	106		80-120
Bromofluorobenzene	210	*	80-121

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-2-12.5	Diln Fac:	5.000
Lab ID:	177857-002	Batch#:	99435
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	50
Chloromethane	ND	50
Vinyl Chloride	ND	50
Bromomethane	ND	50
Chloroethane	ND	50
Trichlorofluoromethane	ND	25
Acetone	ND	100
Freon 113	ND	25
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	100
Carbon Disulfide	ND	25
MTBE	ND	25
trans-1,2-Dichloroethene	ND	25
Vinyl Acetate	ND	250
1,1-Dichloroethane	ND	25
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	25
2,2-Dichloropropane	ND	25
Chloroform	ND	25
Bromochloromethane	ND	25
1,1,1-Trichloroethane	ND	25
1,1-Dichloropropene	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Benzene	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
Dibromomethane	ND	25
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	25
Toluene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
2-Hexanone	ND	50
1,3-Dichloropropane	ND	25
Tetrachloroethene	ND	25

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-2-12.5	Diln Fac:	5.000
Lab ID:	177857-002	Batch#:	99435
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Dibromochloromethane	ND	25
1,2-Dibromoethane	ND	25
Chlorobenzene	ND	25
1,1,1,2-Tetrachloroethane	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25
Styrene	ND	25
Bromoform	ND	25
Isopropylbenzene	ND	25
1,1,2,2-Tetrachloroethane	ND	25
1,2,3-Trichloropropane	ND	25
Propylbenzene	ND	25
Bromobenzene	ND	25
1,3,5-Trimethylbenzene	ND	25
2-Chlorotoluene	ND	25
4-Chlorotoluene	ND	25
tert-Butylbenzene	ND	25
1,2,4-Trimethylbenzene	ND	25
sec-Butylbenzene	ND	25
para-Isopropyl Toluene	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
n-Butylbenzene	ND	25
1,2-Dichlorobenzene	ND	25
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	25
Hexachlorobutadiene	ND	25
Naphthalene	ND	25
1,2,3-Trichlorobenzene	ND	25

Surrogate	%REC	Limits
Dibromofluoromethane	105	79-120
1,2-Dichloroethane-d4	118	80-120
Toluene-d8	104	80-120
Bromofluorobenzene	112	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-3-11.5	Diln Fac:	5.000
Lab ID:	177857-003	Batch#:	99453
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	50
Chloromethane	ND	50
Vinyl Chloride	ND	50
Bromomethane	ND	50
Chloroethane	ND	50
Trichlorofluoromethane	ND	25
Acetone	ND	100
Freon 113	ND	25
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	100
Carbon Disulfide	ND	25
MTBE	ND	25
trans-1,2-Dichloroethene	ND	25
Vinyl Acetate	ND	250
1,1-Dichloroethane	ND	25
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	25
2,2-Dichloropropane	ND	25
Chloroform	ND	25
Bromochloromethane	ND	25
1,1,1-Trichloroethane	ND	25
1,1-Dichloropropene	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Benzene	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
Dibromomethane	ND	25
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	25
Toluene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
2-Hexanone	ND	50
1,3-Dichloropropane	ND	25
Tetrachloroethene	ND	25
Dibromochloromethane	ND	25
1,2-Dibromoethane	ND	25
Chlorobenzene	ND	25
1,1,1,2-Tetrachloroethane	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25
Styrene	ND	25
Bromoform	ND	25
Isopropylbenzene	ND	25
1,1,2,2-Tetrachloroethane	ND	25
1,2,3-Trichloropropane	ND	25
Propylbenzene	ND	25
Bromobenzene	ND	25
1,3,5-Trimethylbenzene	ND	25
2-Chlorotoluene	ND	25
4-Chlorotoluene	ND	25

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-3-11.5	Diln Fac:	5.000
Lab ID:	177857-003	Batch#:	99453
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
tert-Butylbenzene	ND	25
1,2,4-Trimethylbenzene	ND	25
sec-Butylbenzene	ND	25
para-Isopropyl Toluene	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
n-Butylbenzene	ND	25
1,2-Dichlorobenzene	ND	25
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	25
Hexachlorobutadiene	ND	25
Naphthalene	ND	25
1,2,3-Trichlorobenzene	ND	25

Surrogate	%REC		Limits
Dibromofluoromethane	110		79-120
1,2-Dichloroethane-d4	111		80-120
Toluene-d8	102		80-120
Bromofluorobenzene	197	*	80-121

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-4-11.5	Diln Fac:	500.0
Lab ID:	177857-004	Batch#:	99442
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	5,000
Chloromethane	ND	5,000
Vinyl Chloride	ND	5,000
Bromomethane	ND	5,000
Chloroethane	ND	5,000
Trichlorofluoromethane	ND	2,500
Acetone	ND	10,000
Freon 113	ND	2,500
1,1-Dichloroethene	ND	2,500
Methylene Chloride	ND	10,000
Carbon Disulfide	ND	2,500
MTBE	ND	2,500
trans-1,2-Dichloroethene	ND	2,500
Vinyl Acetate	ND	25,000
1,1-Dichloroethane	ND	2,500
2-Butanone	ND	5,000
cis-1,2-Dichloroethene	ND	2,500
2,2-Dichloropropane	ND	2,500
Chloroform	ND	2,500
Bromochloromethane	ND	2,500
1,1,1-Trichloroethane	ND	2,500
1,1-Dichloropropene	ND	2,500
Carbon Tetrachloride	ND	2,500
1,2-Dichloroethane	ND	2,500
Benzene	ND	2,500
Trichloroethene	ND	2,500
1,2-Dichloropropane	ND	2,500
Bromodichloromethane	ND	2,500
Dibromomethane	ND	2,500
4-Methyl-2-Pentanone	ND	5,000
cis-1,3-Dichloropropene	ND	2,500
Toluene	ND	2,500
trans-1,3-Dichloropropene	ND	2,500
1,1,2-Trichloroethane	ND	2,500
2-Hexanone	ND	5,000
1,3-Dichloropropane	ND	2,500
Tetrachloroethene	ND	2,500
Dibromochloromethane	ND	2,500
1,2-Dibromoethane	ND	2,500
Chlorobenzene	ND	2,500
1,1,1,2-Tetrachloroethane	ND	2,500
Ethylbenzene	ND	2,500
m,p-Xylenes	ND	2,500
o-Xylene	ND	2,500
Styrene	ND	2,500
Bromoform	ND	2,500
Isopropylbenzene	ND	2,500
1,1,2,2-Tetrachloroethane	ND	2,500
1,2,3-Trichloropropane	ND	2,500
Propylbenzene	ND	2,500
Bromobenzene	ND	2,500
1,3,5-Trimethylbenzene	ND	2,500
2-Chlorotoluene	ND	2,500
4-Chlorotoluene	ND	2,500

D= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-4-11.5	Diln Fac:	500.0
Lab ID:	177857-004	Batch#:	99442
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
tert-Butylbenzene	ND	2,500
1,2,4-Trimethylbenzene	ND	2,500
sec-Butylbenzene	ND	2,500
para-Isopropyl Toluene	ND	2,500
1,3-Dichlorobenzene	ND	2,500
1,4-Dichlorobenzene	ND	2,500
n-Butylbenzene	ND	2,500
1,2-Dichlorobenzene	ND	2,500
1,2-Dibromo-3-Chloropropane	ND	2,500
1,2,4-Trichlorobenzene	ND	2,500
Hexachlorobutadiene	ND	2,500
Naphthalene	ND	2,500
1,2,3-Trichlorobenzene	ND	2,500

Surrogate	%REC	Limits
Dibromofluoromethane	107	79-120
1,2-Dichloroethane-d4	119	80-120
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-121
Trifluorotoluene	DO	60-140

DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

5.0

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-5-11.5	Diln Fac:	500.0
Lab ID:	177857-005	Batch#:	99442
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	5,000
Chloromethane	ND	5,000
Vinyl Chloride	ND	5,000
Bromomethane	ND	5,000
Chloroethane	ND	5,000
Trichlorofluoromethane	ND	2,500
Acetone	ND	10,000
Freon 113	ND	2,500
1,1-Dichloroethene	ND	2,500
Methylene Chloride	ND	10,000
Carbon Disulfide	ND	2,500
MTBE	ND	2,500
trans-1,2-Dichloroethene	ND	2,500
Vinyl Acetate	ND	25,000
1,1-Dichloroethane	ND	2,500
2-Butanone	ND	5,000
cis-1,2-Dichloroethene	ND	2,500
2,2-Dichloropropane	ND	2,500
Chloroform	ND	2,500
Bromochloromethane	ND	2,500
1,1,1-Trichloroethane	ND	2,500
1,1-Dichloropropene	ND	2,500
Carbon Tetrachloride	ND	2,500
1,2-Dichloroethane	ND	2,500
Benzene	ND	2,500
Trichloroethene	ND	2,500
1,2-Dichloropropane	ND	2,500
Bromodichloromethane	ND	2,500
Dibromomethane	ND	2,500
4-Methyl-2-Pentanone	ND	5,000
cis-1,3-Dichloropropene	ND	2,500
Toluene	ND	2,500
trans-1,3-Dichloropropene	ND	2,500
1,1,2-Trichloroethane	ND	2,500
2-Hexanone	ND	5,000
1,3-Dichloropropane	ND	2,500
Tetrachloroethene	ND	2,500
Dibromochloromethane	ND	2,500
1,2-Dibromoethane	ND	2,500
Chlorobenzene	ND	2,500
1,1,1,2-Tetrachloroethane	ND	2,500
Ethylbenzene	ND	2,500
m,p-Xylenes	ND	2,500
o-Xylene	ND	2,500
Styrene	ND	2,500
Bromoform	ND	2,500
Isopropylbenzene	ND	2,500
1,1,2,2-Tetrachloroethane	ND	2,500
1,2,3-Trichloropropane	ND	2,500
Propylbenzene	ND	2,500
Bromobenzene	ND	2,500
1,3,5-Trimethylbenzene	ND	2,500
2-Chlorotoluene	ND	2,500

*= Value outside of QC limits; see narrative
D= Diluted Out
ND= Not Detected
RL= Reporting Limit

6.1

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-5-11.5	Diln Fac:	500.0
Lab ID:	177857-005	Batch#:	99442
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
4-Chlorotoluene	ND	2,500
tert-Butylbenzene	ND	2,500
1,2,4-Trimethylbenzene	ND	2,500
sec-Butylbenzene	ND	2,500
para-Isopropyl Toluene	ND	2,500
1,3-Dichlorobenzene	ND	2,500
1,4-Dichlorobenzene	ND	2,500
n-Butylbenzene	ND	2,500
1,2-Dichlorobenzene	ND	2,500
1,2-Dibromo-3-Chloropropane	ND	2,500
1,2,4-Trichlorobenzene	ND	2,500
Hexachlorobutadiene	ND	2,500
Naphthalene	ND	2,500
1,2,3-Trichlorobenzene	ND	2,500

Surrogate	%REC		Limits
Dibromofluoromethane	96		79-120
1,2-Dichloroethane-d4	95		80-120
Toluene-d8	99		80-120
Bromofluorobenzene	148	*	80-121
Trifluorotoluene	DO		60-140

*= Value outside of QC limits; see narrative
DO= Diluted Out
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-6-11.5	Diln Fac:	5.000
Lab ID:	177857-006	Batch#:	99453
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	50
Chloromethane	ND	50
Vinyl Chloride	ND	50
Bromomethane	ND	50
Chloroethane	ND	50
Trichlorofluoromethane	ND	25
Acetone	ND	100
Freon 113	ND	25
1,1-Dichloroethene	ND	25
Methylene Chloride	ND	100
Carbon Disulfide	ND	25
MTBE	ND	25
trans-1,2-Dichloroethene	ND	25
Vinyl Acetate	ND	250
1,1-Dichloroethane	ND	25
2-Butanone	ND	50
cis-1,2-Dichloroethene	ND	25
2,2-Dichloropropane	ND	25
Chloroform	ND	25
Bromochloromethane	ND	25
1,1,1-Trichloroethane	ND	25
1,1-Dichloropropene	ND	25
Carbon Tetrachloride	ND	25
1,2-Dichloroethane	ND	25
Benzene	ND	25
Trichloroethene	ND	25
1,2-Dichloropropane	ND	25
Bromodichloromethane	ND	25
Dibromomethane	ND	25
4-Methyl-2-Pentanone	ND	50
cis-1,3-Dichloropropene	ND	25
Toluene	ND	25
trans-1,3-Dichloropropene	ND	25
1,1,2-Trichloroethane	ND	25
2-Hexanone	ND	50
1,3-Dichloropropane	ND	25
Tetrachloroethene	ND	25
Dibromochloromethane	ND	25
1,2-Dibromoethane	ND	25
Chlorobenzene	ND	25
1,1,1,2-Tetrachloroethane	ND	25
Ethylbenzene	ND	25
m,p-Xylenes	ND	25
o-Xylene	ND	25
Styrene	ND	25
Bromoform	ND	25
Isopropylbenzene	ND	25
1,1,2,2-Tetrachloroethane	ND	25
1,2,3-Trichloropropane	ND	25
Propylbenzene	ND	25
Bromobenzene	ND	25
1,3,5-Trimethylbenzene	ND	25
2-Chlorotoluene	ND	25
4-Chlorotoluene	ND	25

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Field ID:	B-6-11.5	Diln Fac:	5.000
Lab ID:	177857-006	Batch#:	99453
Matrix:	Soil	Sampled:	02/10/05
Units:	ug/Kg	Received:	02/11/05
Basis:	as received	Analyzed:	02/24/05

Analyte	Result	RL
tert-Butylbenzene	ND	25
1,2,4-Trimethylbenzene	ND	25
sec-Butylbenzene	ND	25
para-Isopropyl Toluene	ND	25
1,3-Dichlorobenzene	ND	25
1,4-Dichlorobenzene	ND	25
n-Butylbenzene	ND	25
1,2-Dichlorobenzene	ND	25
1,2-Dibromo-3-Chloropropane	ND	25
1,2,4-Trichlorobenzene	ND	25
Hexachlorobutadiene	ND	25
Naphthalene	ND	25
1,2,3-Trichlorobenzene	ND	25

Surrogate	%REC	Limits
Dibromofluoromethane	85	79-120
1,2-Dichloroethane-d4	83	80-120
Toluene-d8	96	80-120
Bromofluorobenzene	145 *	80-121

*= Value outside of QC limits; see narrative
ND= Not Detected
RL= Reporting Limit

7.1

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283662	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99435
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

D= Not Detected
RL= Reporting Limit

8.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283662	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99435
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	79-120
1,2-Dichloroethane-d4	110	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	110	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

atch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283701	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99442
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

D= Not Detected
RL= Reporting Limit

9.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283701	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99442
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	100	79-120
1,2-Dichloroethane-d4	103	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	104	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283743	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99453
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC283743	Diln Fac:	1.000
Matrix:	Soil	Batch#:	99453
Units:	ug/Kg	Analyzed:	02/24/05

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	106	79-120
1,2-Dichloroethane-d4	106	80-120
Toluene-d8	100	80-120
Bromofluorobenzene	109	80-121

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	99435
Basis:	as received	Analyzed:	02/24/05

Type: BS Lab ID: QC283683

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	53.18	106	76-121
Benzene	50.00	49.29	99	80-120
Trichloroethene	50.00	50.31	101	80-120
Toluene	50.00	49.71	99	80-120
Chlorobenzene	50.00	49.04	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	79-120
1,2-Dichloroethane-d4	104	80-120
Toluene-d8	101	80-120
Bromofluorobenzene	102	80-121

Type: BSD Lab ID: QC283684

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	54.77	110	76-121	3	20
Benzene	50.00	50.90	102	80-120	3	20
Trichloroethene	50.00	52.67	105	80-120	5	20
Toluene	50.00	51.16	102	80-120	3	20
Chlorobenzene	50.00	49.92	100	80-120	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	103	79-120
1,2-Dichloroethane-d4	110	80-120
Toluene-d8	102	80-120
Bromofluorobenzene	102	80-121

RPD= Relative Percent Difference

11.0

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	99442
Basis:	as received	Analyzed:	02/24/05

Type: BS Lab ID: QC283699

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.19	81	76-121
Benzene	25.00	22.57	90	80-120
Trichloroethene	25.00	21.81	87	80-120
Toluene	25.00	22.58	90	80-120
Chlorobenzene	25.00	22.91	92	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	79-120
1,2-Dichloroethane-d4	94	80-120
Toluene-d8	99	80-120
Bromofluorobenzene	98	80-121

Type: BSD Lab ID: QC283700

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	19.57	78	76-121	3	20
Benzene	25.00	22.62	90	80-120	0	20
Trichloroethene	25.00	21.69	87	80-120	1	20
Toluene	25.00	22.32	89	80-120	1	20
Chlorobenzene	25.00	23.18	93	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	94	79-120
1,2-Dichloroethane-d4	95	80-120
Toluene-d8	100	80-120
Bromofluorobenzene	96	80-121

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	177857	Location:	Dunne Paints
Client:	Clayton Group Services	Prep:	EPA 5030B
Project#:	70-03365.04	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	99453
Basis:	as received	Analyzed:	02/24/05

Type: BS Lab ID: QC283741

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	50.00	54.34	109	76-121
Benzene	50.00	49.56	99	80-120
Trichloroethene	50.00	48.03	96	80-120
Toluene	50.00	47.37	95	80-120
Chlorobenzene	50.00	49.42	99	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	95	79-120
1,2-Dichloroethane-d4	86	80-120
Toluene-d8	95	80-120
Bromofluorobenzene	99	80-121

Type: BSD Lab ID: QC283742

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	50.00	55.89	112	76-121	3	20
Benzene	50.00	52.18	104	80-120	5	20
Trichloroethene	50.00	48.68	97	80-120	1	20
Toluene	50.00	50.42	101	80-120	6	20
Chlorobenzene	50.00	49.74	99	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	95	79-120
1,2-Dichloroethane-d4	87	80-120
Toluene-d8	98	80-120
Bromofluorobenzene	101	80-121

RPD= Relative Percent Difference