Initial Subsurface Investigation
Oakland Processing and Distribution Center
1675 7th Street
Oakland, California 94607

United States Postal Service
395 Oyster Point Boulevard, Suite 225
South San Francisco, California 94080-0300

June 2, 2009

Prepared by:

Emmy Andrews
Facilities Environmental Specialist
United States Postal Service

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1.0 EXECUTIVE SUMMARY

This report summarizes findings during elevator construction at the United States Postal Service's (Postal Service) Oakland Processing and Distribution Center at 1675 7th Street, Oakland, California 94607.

The Postal Service is installing an elevator on the front of its building, requiring excavation of an area approximately 15 feet long by 15 feet wide by 10 feet deep. Sampling events conducted on April 23, 2009, and May 12, 2009, have revealed petroleum and petroleum-derivatives in soil at the site exceeding the San Francisco Bay Regional Water Quality Control Board's (SFRWQCB) Environmental Screening Levels (ESLs) for shallow soil (Table 1; SFRWQCB 2008).

The Postal Service and its contractors had no cause to suspect contamination in the area. Upon learning of the sample results, the Postal Service began to research historical actions and conditions at the site in an attempt to determine possible sources of the contaminants. The results of this research are summarized in Section 2.2: Background Information. The Postal Service interviewed a retired employee who recalled that underground storage tanks (USTs) were located in this area approximately 25 years ago. No files documenting these potential USTs or other evidence of potential sources of the contamination could be found.

The Postal Service respectfully submits this report documenting our understanding of current and historical conditions at the site. We are available to discuss the report at your convenience. Please contact:

Emmy Andrews, Facilities Environmental Specialist
United States Postal Service
415.531.5732
emmy.andrews@tetratech.com
395 Oyster Point Boulevard, Suite 225
South San Francisco, California 94080-0300

2.0 BACKGROUND INFORMATION

2.1 Site Setting

The site is located at 1675 7th Street in Oakland, California approximately 0.5 mile north of the Oakland Estuary (Figure 1). The Postal Service property includes the Processing and Distribution Center (P&DC) and a Vehicle Maintenance Facility (VMF; Figure 2). The facility is currently used by the Postal Service for mail processing operations. The site is bordered by I-880 to the west and south, 7th Street and the BART to the north, and Peralta Street to the east. Surrounding land uses are primarily industrial to the west and south, and mixed commercial and residential to the north and east.

Groundwater at the site would be expected to flow south toward the Oakland Estuary, although local and temporal variations may exist. The site is at an approximate elevation of 14 feet above mean sea level (EDR 2006). Depth to groundwater is approximately 10

feet below ground surface (bgs) based on observations during excavation conducted on May 12, 2009 (Lloyd 2009).

2.2 Site Background Information

The Postal Service and its contractors had no cause to suspect contamination in the area. Upon learning of the sample results, the Postal Service began to research historical actions and conditions at the site in an attempt to determine possible sources of the contaminants.

The Postal Service interviewed a retired employee who recalled that USTs were located in this area in the 1970s. The Postal Service conducted a review of office files and off-site archive files and found no documents that that confirm or deny that USTs had been located in this portion of the property.

The Postal Service conducted a file review at the San Francisco Bay Regional Water Quality Control Board office on May 13, 2009. No documents that confirm or deny that USTs had been located in this portion of the property were found. Multiple documents related to USTs removed from the VMF portion of the property were found. See Section 2.3: VMF LUST Case for information about this portion of the property.

The Postal Service contacted the City of Oakland's Fire Prevention Bureau on May 5, 2009. The Bureau returned the call on May 19 and reported that they have a number of files, although they did not specify if the files are related to USTs. A file review is pending as of the writing of this report.

2.3 VMF LUST Case

The Postal Service acknowledges that an open leaking underground storage tank (LUST) case exists on this property.

A Phase I Environmental Site Assessment (ESA) performed by Tetra Tech and dated November 2006 indicated that there was an open case concerning leaking fuel tanks at the Vehicle Maintenance Facility, which is on another portion of the property (Figure 2). A GeoTracker search conducted on May 11, 2009, indicated that the case is still open.

The following case numbers are relevant to this site:

State LUST Case Number: 01-0487
Local Case Number: 3775
Global ID: T0600100443

The following information is provided in the Phase I ESA:

> *Telephone contact with the Alameda County case worker for this site revealed the following:*
>
> - *The site is near closure;*
> - *A monitoring well had been installed adjacent to the fueling island, and the well had been found to contain free product (diesel); and*
> - *Removal of the free product was conducted, after which the diesel did not return to the well, so Alameda County believes that the product was*

due to a one-time spill event rather than due to a tank leak (Tetra Tech 2006).

Given the distance between the two areas and the topography and likely hydrology of the site, the two sites are considered unrelated.

3.0 SITE INVESTIGATION

The initial fieldwork was conducted on April 23, 2009, by Parsons, Inc., who was contracted by the Postal Service to construct the elevator. During fieldwork workers noticed a strong petroleum odor in the affected area. Work was halted by Parsons and their subcontractor, Aztec. Air sampling was conducted. A composite soil sample was submitted for analysis (Shipman 2009).

The follow-up fieldwork was conducted on May 12, 2009, by Parsons, Inc. Parsons reported that groundwater was encountered at approximately 10 to 10.5 feet bgs. There was no noticeable sheen on groundwater. Stained blue soil was observed at approximately 5 to 10 feet bgs. The soil color returned to red-brown below 10 feet bgs. Fuel odor was initially noted but was almost completely gone after placement of 2 feet of base rock at 8 to 10 feet bgs. A fuel filter was found in southeast corner of excavation. Air sampling was conducted during the excavation (Lloyd 2009).

Photographs 1 and 2 show the May 12, 2009 fieldwork.

Photograph 1. Air monitoring inside the excavation at 9 feet bgs.

Photograph 2. The completed excavation to approximately 10 feet bgs.

4.0 SAMPLE RESULTS

Sample results that were not non-detect are presented in Table 1 with comparison to the SFRWQCB's ESLs for shallow soil. Sample results exceeding either ESL are shown in bold text. Appendix A contains the full analytical reports and chains of custody for all samples collected.

A composite soil sample collected on April 23, 2009 and was analyzed for total petroleum hydrocarbons (TPH) gasoline range organics (TPH-g); TPH diesel range organics/middle distillates (TPH-d); TPH motor oil/residual fuels (TPH-mo); volatile organic compounds (VOCs); methyl tert-butyl ether (MTBE); benzene, toluene, ethylbenzene, and xylenes (BTEX); and CAM 17 metals via the accepted EPA Methods (Table 1).

Five additional soil samples were collected on May 12, 2009, to further characterize the site. The sample locations are shown on Figure 3. The samples were analyzed for TPH-g, TPH-d, TPH-mo, VOCs, and SVOCs via the accepted EPA Methods (Table 2).

Table 1. April 2009 Analytical Results

Analyte	Concentration (mg/kg)	ESL, Groundwater not Potential Drinking Water* (mg/kg)	ESL, Groundwater is Potential Drinking Water** (mg/kg)
TPH-g	83	180	83
TPH-d	**1000**	180	83
TPH-mo	430	2500	2500
Ethylbenzene	0.0087	4.7	3.3
Xylenes	0.053	11	2.3
1,2,4-Trimethylbenzene	0.010	NE	NE
Sec-Butyl benzene	0.017	NE	NE
Isopropylbenzene	0.0071	NE	NE
n-Propyl benzene	0.011	NE	NE
1,3,5-Trimethylbenzene	0.0064	NE	NE
Arsenic	**3.4**	1.6	1.6
Barium	69	1500	1500
Chromium	45	NE for Total Chromium	NE for Total Chromium
Cobalt	4.9	80	80
Copper	10	230	230
Lead	39	750	750
Mercury	0.085	10	10
Nickel	28	150	150
Vanadium	30	200	200
Zinc	59	600	600

NE – not established

* Commercial Shallow Soil (<3 meters bgs) ESL, Groundwater not Potential Drinking Water (SFRWQCB 2008)

** Commercial Shallow Soil (<3 meters bgs) ESL, Groundwater is Potential Drinking Water (SFRWQCB 2008)

Table 2. May 2009 Analytical Results

Analyte	USPS-EX-BS 9.5-01	USPS-EX-BS 9.5-02	USPS-EX-EW 6.0	USPS-EX-WW 6.5	USPS-EX-NW 6.0	ESL, Groundwater not Potential Drinking Water* (mg/kg)	ESL, Groundwater is Potential Drinking Water** (mg/kg)
TPH-g	**140**	**160**	65	**400**	**200**	180	83
TPH-d	**5,700**	**2,500**	**1,700**	**9,900**	**12,000**	180	83
Naphthalene	ND	0.19	2.0	**11.0**	2.3	2.8	2.8
2-Methylnaphthalene	ND	**1.8**	**2.4**	**15.0**	**13.0**	0.25	0.25
Fluorene	ND	0.240	ND	ND	ND	8.9	8.9
Phenanthrene	ND	0.86	1.0	ND	ND	11	11

ND – not detected

* Commercial Shallow Soil (<3 meters bgs) ESL, Groundwater not Potential Drinking Water (SFRWQCB 2008)

** Commercial Shallow Soil (<3 meters bgs) ESL, Groundwater is Potential Drinking Water (SFRWQCB 2008)

5.0 CONCLUSIONS

No conclusions are presented in this initial report. The Postal Service spoke with Ms. Donna Drogos of the Alameda County Environmental Health Department on June 1, 2009, to discuss the proper channels to submit information regarding the site. Ms. Drogos indicated that it would be appropriate to submit a report documenting the known information about the site without a Professional Geologist or Civil Engineer's signature if the report simply presented the data without interpretation. It is our understanding that Alameda County will review the data, assign a case number to the site, and contact the Postal Service to discuss the site.

6.0 REFERENCES

EDR (Environmental Data Resources, Inc.). 2006. EDR RadiusMap with GeoCheck®, Oakland P&DC, 1675 7th Street, Oakland, California. September 8, 2006.

Lloyd, D'Artagnan. Area Construction Engineer, Parsons, Inc. Personal communication with Emmy Andrews, United States Postal Service regarding May 2009 fieldwork. May 20, 2009.

SFRWQCB (San Francisco Bay Regional Water Quality Control Board). 2008. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater: Interim Final. May 2008.

Shipman, Wayne. Principal Project Manager, Parsons, Inc. Personal communication with Emmy Andrews, United States Postal Service regarding April 2009 fieldwork. April 29, 2009.

Tetra Tech. 2006. Phase I Environmental Site Assessment, Oakland Main Post Office, Processing and Distribution Center, and Vehicle Maintenance Facility Oakland, California. November 2006.

Young, Les. 2009. Architect/Engineer, United States Postal Service. Personal communication with Emmy Andrews, United States Postal Service regarding interview with retired employee. May 5, 2009.

Figure 1. Site Location Map

Figure 2. Site Plan

Figure 3. Sample Locations

APPENDIX A

APRIL 2009
LABORATORY REPORTS AND CHAIN OF CUSTODY

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

ENV America 865 Marina Bay Pkwy Richmond, CA 94804	Client Project ID: #AZT 0901; Oakland Post Office	Date Sampled: 02/23/09
		Date Received: 02/23/09
	Client Contact: Carlos Duque	Date Reported: 02/27/09
	Client P.O.:	Date Completed: 02/27/09

WorkOrder: 0902593

February 27, 2009

Dear Carlos:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#AZT 0901; Oakland Post Office,**
2) A QC report for the above sample,
3) A copy of the chain of custody, and
4) An invoice for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

0902593

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☐ 24 HR ☐ 48 HR ☐ 72 HR ☑ 5 DAY

☐ GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW)

Report To: Carlos Duque Bill To: ENV Environmental Int. Inc

Company: ENV Environmental International, Inc.

865 Marina Bay Parkway, Suite 44

Richmond, CA 94804 E-Mail: cduque@envenvironmental.com

Tele: (510) 236.8811 Fax: (510) 236.8822

Project #: AZT 0901 Project Name: Oakland Post Office

Project Location: 1675 7th. St. Oakland, CA

Sampler Signature: (C.D.) Duque

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	MTBE / BTEX & TPH as Gas (602 / 8021 + 8015)	MTBE / BTEX ONLY (EPA 602 / 8021)	TPH as Diesel / Motor Oil (8015)	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOCs)	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)	Other	Comments
B-2	Drum B 2	02/23/09	10:40am	1	G		X								X		X								X			X				Filter Samples for Metals analysis: Yes / No
B-1	Drum B-1	02/23/09	11:21am	1	G		X								X		X								X			X				

Relinquished By:	Date:	Time:	Received By:
(C.D.) Duque	02/23/09	1700	
	2/23/09	2300	

ICE/t° Yes 5.6°C

GOOD CONDITION

HEAD SPACE ABSENT N/A

DECHLORINATED IN LAB N/A

APPROPRIATE CONTAINERS

PRESERVED IN LAB NO

COMMENTS:

	VOAS	O&G	METALS	OTHER
PRESERVATION			pH<2	

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0902593 **ClientCode: ENVR**

☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Carlos Duque
ENV America
865 Marina Bay Pkwy
Richmond, CA 94804
(510) 236-8811 FAX (510) 236-8822

Email: cduque@envenvironmental.com
cc:
PO:
ProjectNo: #AZT 0901; Oakland Post Office

Bill to:
Barbara Stewart
ENV America
865 Marina Bay Pkwy
Richmond, CA 94804
bstewart@envamerica.com

Requested TAT: 5 days

Date Received: **02/23/2009**
Date Printed: **02/23/2009**

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
0902593-001	B-2, B-1	Soil	2/23/2009 11:14	☐	A	A	A	A								

Test Legend:

1	8260B_S	2	CAM17MS_S	3	G-MBTEX_S	4	TPH(DMO)_S	5	
6		7		8		9		10	
11		12							

Prepared by: Samantha Arbuckle

Comments:

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Sample Receipt Checklist

Client Name: **ENV America**

Date and Time Received: **2/23/2009 4:07:34 PM**

Project Name: **#AZT 0901; Oakland Post Office**

Checklist completed and reviewed by: Samantha Arbuckle

WorkOrder N°: **0902593** Matrix Soil

Carrier: Rob Pringle (MAI Courier)

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 5.6°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☐	No ☐	No VOA vials submitted ☑
Sample labels checked for correct preservation?	Yes ☑	No ☐	
TTLC Metal - pH acceptable upon receipt (pH<2)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Client contacted: Date contacted: Contacted by:

Comments:

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Telephone: 877-252-9262 Fax: 925-252-9269

ENV America	Client Project ID: #AZT 0901; Oakland Post Office	Date Sampled: 02/23/09
		Date Received: 02/23/09
865 Marina Bay Pkwy	Client Contact: Carlos Duque	Date Extracted: 02/23/09
Richmond, CA 94804	Client P.O.:	Date Analyzed 02/25/09

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method SW5030B | Analytical Method SW8260B | Work Order: 0902593

Lab ID	0902593-001A
Client ID	B-2, B-1
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	0.017	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	0.0071	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	0.011	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	0.010	1.0	0.005	1,3,5-Trimethylbenzene	0.0064	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	77	%SS2:	106
%SS3:	122		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

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ENV America	Client Project ID: #AZT 0901; Oakland Post Office	Date Sampled: 02/23/09
		Date Received 02/23/09
865 Marina Bay Pkwy	Client Contact: Carlos Duque	Date Extracted 02/23/09
Richmond, CA 94804	Client P.O.:	Date Analyzed 02/27/09

CAM / CCR 17 Metals*

					Reporting Limit for DF =1; ND means not detected above the reporting limit	
Lab ID	0902593-001A					
Client ID	B-2, B-1					
Matrix	S				S	W
Extraction Type	TOTAL				mg/Kg	mg/L

ICP-MS Metals, Concentration*

Analytical Method 6020A Extraction Method: SW3050B Work Order: 0902593

Dilution Factor	1				1	1
Antimony	ND				0.5	NA
Arsenic	3.4				0.5	NA
Barium	69				5.0	NA
Beryllium	ND				0.5	NA
Cadmium	ND				0.25	NA
Chromium	45				0.5	NA
Cobalt	4.9				0.5	NA
Copper	10				0.5	NA
Lead	39				0.5	NA
Mercury	0.085				0.05	NA
Molybdenum	ND				0.5	NA
Nickel	28				0.5	NA
Selenium	ND				0.5	NA
Silver	ND				0.5	NA
Thallium	ND				0.5	NA
Vanadium	30				0.5	NA
Zinc	59				5.0	NA
%SS:	100					

Comments					

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

TOTAL = acid digestion.
WET = Waste Extraction Test (STLC).
DI WET = Waste Extraction Test using de-ionized water.

Angela Rydelius, Lab Manager

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ENV America	Client Project ID: #AZT 0901; Oakland Post Office	Date Sampled: 02/23/09
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865 Marina Bay Pkwy	Client Contact: Carlos Duque	Date Extracted 02/23/09
Richmond, CA 94804	Client P.O.	Date Analyzed 02/25/09

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B Analytical methods: SW8021B/8015Bm Work Order: 0902593

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	B-2, B-1	S	83,d7,d9	ND	ND	ND	0.0087	0.053	1	83

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9) no recognizable pattern

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ENV America	Client Project ID: #AZT 0901; Oakland Post Office	Date Sampled: 02/23/09
		Date Received: 02/23/09
865 Marina Bay Pkwy	Client Contact: Carlos Duque	Date Extracted: 02/23/09
Richmond, CA 94804	Client P.O.:	Date Analyzed: 02/26/09

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550C Analytical methods: SW8015B Work Order: 0902593

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS
0902593-001A	B-2, B-1	S	1000,e1	430	20	103

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	ug/L
	S	1.0	5.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

e1) unmodified or weakly modified diesel is significant

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Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 41572 WorkOrder 0902593

EPA Method: SW8260B **Extraction SW5030B** **Spiked Sample ID: 0902550-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	80.7	80.5	0.164	84	78.3	7.02	60 - 130	30	60 - 130	30
Benzene	ND	0.050	114	114	0	115	110	4.59	60 - 130	30	60 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	78.2	80.7	3.15	104	89.5	14.7	60 - 130	30	60 - 130	30
Chlorobenzene	ND	0.050	106	108	1.81	106	99.8	6.04	60 - 130	30	60 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	96.7	97.5	0.867	96.4	88.3	8.77	60 - 130	30	60 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	90.5	89.8	0.773	105	99.2	6.11	60 - 130	30	60 - 130	30
1,1-Dichloroethene	ND	0.050	88.1	88	0.0847	81.1	79.7	1.78	60 - 130	30	60 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	96.4	96.1	0.251	118	107	10.1	60 - 130	30	60 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	102	102	0	108	100	7.76	60 - 130	30	60 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	90.7	89.7	1.16	96.2	88.7	8.05	60 - 130	30	60 - 130	30
Toluene	ND	0.050	130	130	0	126	119	5.31	60 - 130	30	60 - 130	30
Trichloroethene	ND	0.050	111	113	1.55	102	101	0.626	60 - 130	30	60 - 130	30
%SS1:	74	0.12	74	73	1.53	78	77	1.02	70 - 130	30	70 - 130	30
%SS2:	105	0.12	101	100	1.28	107	107	0	70 - 130	30	70 - 130	30
%SS3:	88	0.012	94	98	4.83	78	78	0	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 41572 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0902593-001A	02/23/09 11:14 AM	02/23/09	02/25/09 8:56 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND conta significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6020A

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder: 0902593

EPA Method 6020A **Extraction SW3050B** **BatchID: 41516** **Spiked Sample ID 0902576-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Antimony	6.4	50	109	101	6.37	10	102	110	7.58	75 - 125	20	75 - 125	20
Arsenic	1.1	50	104	104	0	10	104	114	8.71	75 - 125	20	75 - 125	20
Barium	190	500	127, F1	113	8.99	100	96.1	103	7.23	75 - 125	20	75 - 125	20
Beryllium	ND	50	105	101	3.90	10	101	109	7.43	75 - 125	20	75 - 125	20
Cadmium	3.1	50	104	103	0.783	10	102	110	7.66	75 - 125	20	75 - 125	20
Chromium	37	50	97.9	104	3.29	10	103	115	10.6	75 - 125	20	75 - 125	20
Cobalt	15	50	117	110	5.41	10	103	112	7.64	75 - 125	20	75 - 125	20
Copper	160	50	NR	NR	NR	10	87.8	99.4	12.3	75 - 125	20	75 - 125	20
Lead	42	50	104	109	2.77	10	99.6	107	6.98	75 - 125	20	75 - 125	20
Mercury	2.2	1.25	104	104	0	0.25	108	113	4.80	75 - 125	20	75 - 125	20
Molybdenum	36	50	119	105	7.45	10	100	109	8.48	75 - 125	20	75 - 125	20
Nickel	33	50	107	109	1.17	10	105	116	10.4	75 - 125	20	75 - 125	20
Selenium	0.54	50	107	106	0.888	10	106	120	11.7	75 - 125	20	75 - 125	20
Silver	1.1	50	116	110	4.91	10	100	107	5.89	75 - 125	20	75 - 125	20
Thallium	ND	50	96.7	102	5.75	10	98.7	107	7.96	75 - 125	20	75 - 125	20
Vanadium	4.8	50	97.7	99.4	1.55	10	103	114	10.2	75 - 125	20	75 - 125	20
Zinc	460	500	107	113	3.19	100	100	108	7.49	75 - 125	20	75 - 125	20
%SS:	100	250	114	103	9.58	250	104	114	8.85	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

F1 = MS / MSD outside of acceptance criteria. LCS - LCSD validate prep batch.

BATCH 41516 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0902593-001A	02/23/09 11:14 AM	02/23/09	02/27/09 1:25 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 41614 | WorkOrder 0902593

EPA Method: SW8021B/8015Bm **Extraction SW5030B** **Spiked Sample ID: 0902586-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)£	ND	0.60	103	105	2.13	105	112	6.34	70 - 130	20	70 - 130	20
MTBE	ND	0.10	103	111	7.41	93.5	108	14.7	70 - 130	20	70 - 130	20
Benzene	ND	0.10	97.8	105	7.26	92.4	94.1	1.88	70 - 130	20	70 - 130	20
Toluene	ND	0.10	109	115	5.73	107	108	1.20	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	107	106	1.24	104	105	1.32	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	119	124	4.26	115	116	0.479	70 - 130	20	70 - 130	20
%SS:	96	0.10	73	87	17.3	96	97	0.678	70 - 130	20	70 - 130	20

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 41614 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0902593-001A	02/23/09 11:14 AM	02/23/09	02/25/09 12:02 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND conta significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = matrix interference and/or analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high ma or analyte content.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 41613 WorkOrder 0902593

EPA Method: SW8015B **Extraction SW3550C** **Spiked Sample ID: 0902586-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	2.3	20	102	103	0.575	108	108	0	70 - 130	30	70 - 130	30
%SS:	99	50	97	97	0	107	108	1.09	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 41613 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
0902593-001A	02/23/09 11:14 AM	02/23/09	02/26/09 6:33 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND conta significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

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QA/QC Officer

APPENDIX B

MAY 2009
LABORATORY REPORTS AND CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**212084**
Client:	**Parsons**
Project:	**746218.39383**
Location:	**USPS OAK**
Request Date:	**05/12/09**
Samples Received:	**05/12/09**

This data package contains sample and QC results for five soil samples, requested for the above referenced project on 05/12/09. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
High surrogate recoveries were observed for bromofluorobenzene (FID) in a number of samples; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits. 212084-003 was analyzed outside of hold time; affected data was qualified with "b". There were qc issues with the in hold run, which were not discovered until the sample was past hold. No other analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
USPS-EX-BS9.5-01 (lab # 212084-001) and USPS-EX-BS9.5-02 (lab # 212084-002) were diluted due to high non-target analytes. USPS-EX-EW6.0 (lab # 212084-003), USPS-EX-WW6.5 (lab # 212084-004), and USPS-EX-NW6.0 (lab # 212084-005) were diluted due to high hydrocarbons. No other analytical problems were encountered.

Semivolatile Organics by GC/MS (EPA 8270C):
USPS-EX-BS9.5-01 (lab # 212084-001), USPS-EX-WW6.5 (lab # 212084-004), and USPS-EX-NW6.0 (lab # 212084-005) were diluted due to high non-target analytes. No other analytical problems were encountered.

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/12/09
Units:	mg/Kg	Received:	05/12/09
Basis:	as received		

Field ID:	USPS-EX-BS9.5-01	Diln Fac:	20.00
Type:	SAMPLE	Batch#:	151174
Lab ID:	212084-001	Analyzed:	05/19/09

Analyte	Result	RL
Gasoline C7-C12	140 Y	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	89	54-152
Bromofluorobenzene (FID)	218 *	50-152

Field ID:	USPS-EX-BS9.5-02	Diln Fac:	20.00
Type:	SAMPLE	Batch#:	151174
Lab ID:	212084-002	Analyzed:	05/19/09

Analyte	Result	RL
Gasoline C7-C12	160 Y	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	88	54-152
Bromofluorobenzene (FID)	215 *	50-152

Field ID:	USPS-EX-EW6.0	Diln Fac:	10.00
Type:	SAMPLE	Batch#:	151256
Lab ID:	212084-003	Analyzed:	05/21/09

Analyte	Result	RL
Gasoline C7-C12	65 Y b	10

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93 b	54-152
Bromofluorobenzene (FID)	114 b	50-152

Field ID:	USPS-EX-WW6.5	Diln Fac:	25.00
Type:	SAMPLE	Batch#:	151174
Lab ID:	212084-004	Analyzed:	05/20/09

Analyte	Result	RL
Gasoline C7-C12	400 Y	25

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	54-152
Bromofluorobenzene (FID)	243 *	50-152

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/FID (5035 Prep)

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/12/09
Units:	mg/Kg	Received:	05/12/09
Basis:	as received		

Field ID:	USPS-EX-NW6.0	Diln Fac:	10.00
Type:	SAMPLE	Batch#:	151174
Lab ID:	212084-005	Analyzed:	05/20/09

Analyte	Result	RL
Gasoline C7-C12	200 Y	10

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	54-152
Bromofluorobenzene (FID)	278 *	50-152

Type:	BLANK	Batch#:	151174
Lab ID:	QC496682	Analyzed:	05/19/09
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	64	54-152
Bromofluorobenzene (FID)	73	50-152

Type:	BLANK	Batch#:	151256
Lab ID:	QC497017	Analyzed:	05/21/09
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	0.20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	54-152
Bromofluorobenzene (FID)	77	50-152

*= Value outside of QC limits; see narrative
Y= Sample exhibits chromatographic pattern which does not resemble standard
b= See narrative
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8015B
Type:	LCS	Basis:	as received
Lab ID:	QC496683	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151174
Units:	mg/Kg	Analyzed:	05/19/09

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2.000	2.039	102	77-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	54-152
Bromofluorobenzene (FID)	113	50-152

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	1.000
MSS Lab ID:	212056-003	Batch#:	151174
Matrix:	Soil	Sampled:	05/07/09
Units:	mg/Kg	Received:	05/09/09
Basis:	as received	Analyzed:	05/20/09

Type: MS Lab ID: QC496684

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.08854	9.346	8.061	85	31-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	54-152
Bromofluorobenzene (FID)	109	50-152

Type: MSD Lab ID: QC496685

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	9.259	8.217	88	31-120	3	34

Surrogate	%REC	Limits
Trifluorotoluene (FID)	98	54-152
Bromofluorobenzene (FID)	112	50-152

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/FID (5035 Prep)

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8015B
Matrix:	Soil	Diln Fac:	1.000
Units:	mg/Kg	Batch#:	151256
Basis:	as received	Analyzed:	05/21/09

Type: BS Lab ID: QC497018

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	5.000	5.641	113	77-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	54-152
Bromofluorobenzene (FID)	92	50-152

Type: BSD Lab ID: QC497019

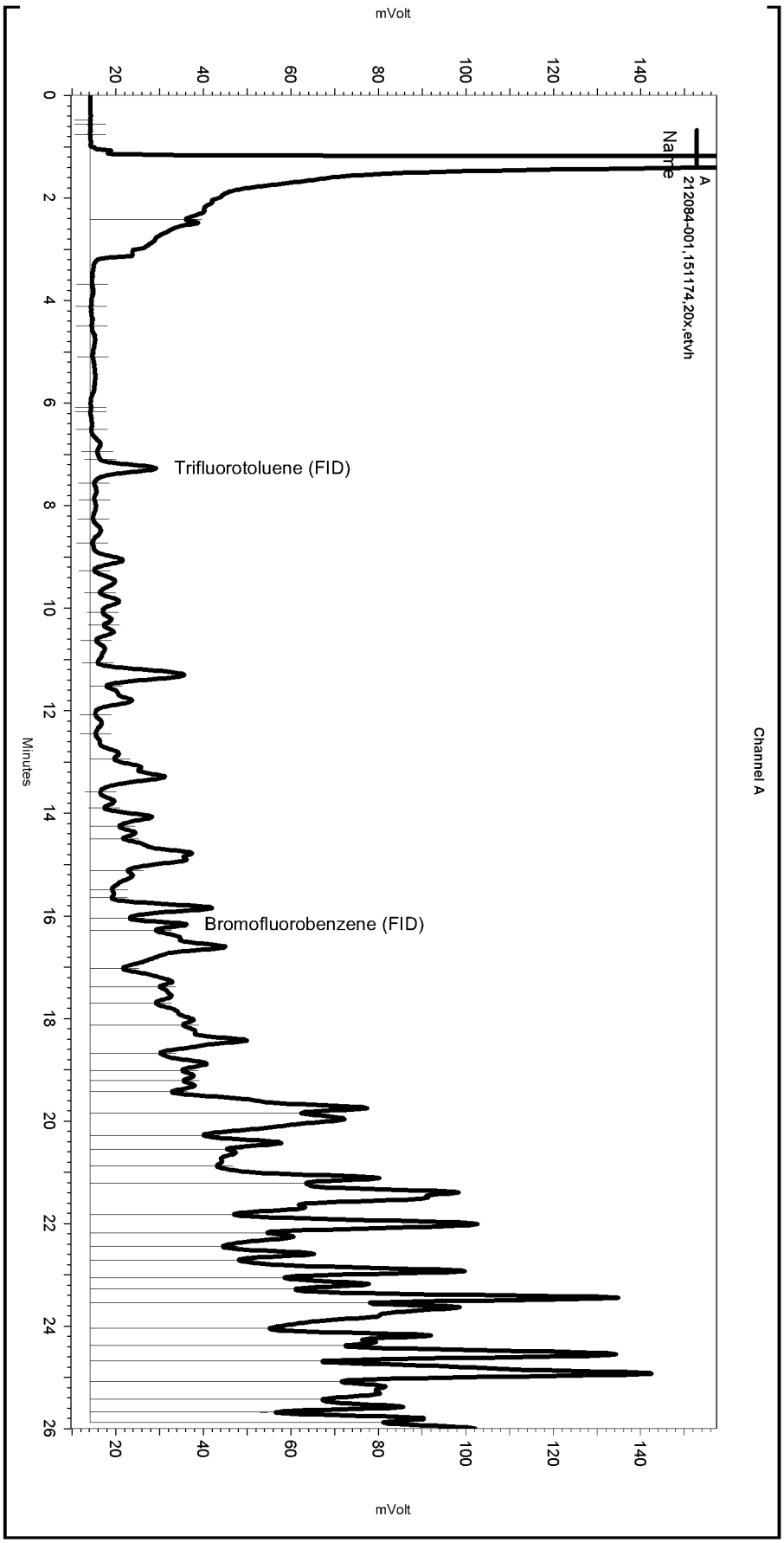
Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	5.000	5.011	100	77-120	12	21

Surrogate	%REC	Limits
Trifluorotoluene (FID)	114	54-152
Bromofluorobenzene (FID)	97	50-152

RPD= Relative Percent Difference

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\139.seq**
Sample Name: **212084-001,151174,20x,etvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\139_019**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe138.met

Software Version 3.1.7
Run Date: 5/19/2009 11:00:50 PM
Analysis Date: 5/20/2009 11:47:57 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: D



---< General Method Parameters >---

No items selected for this section

---< A >---

No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

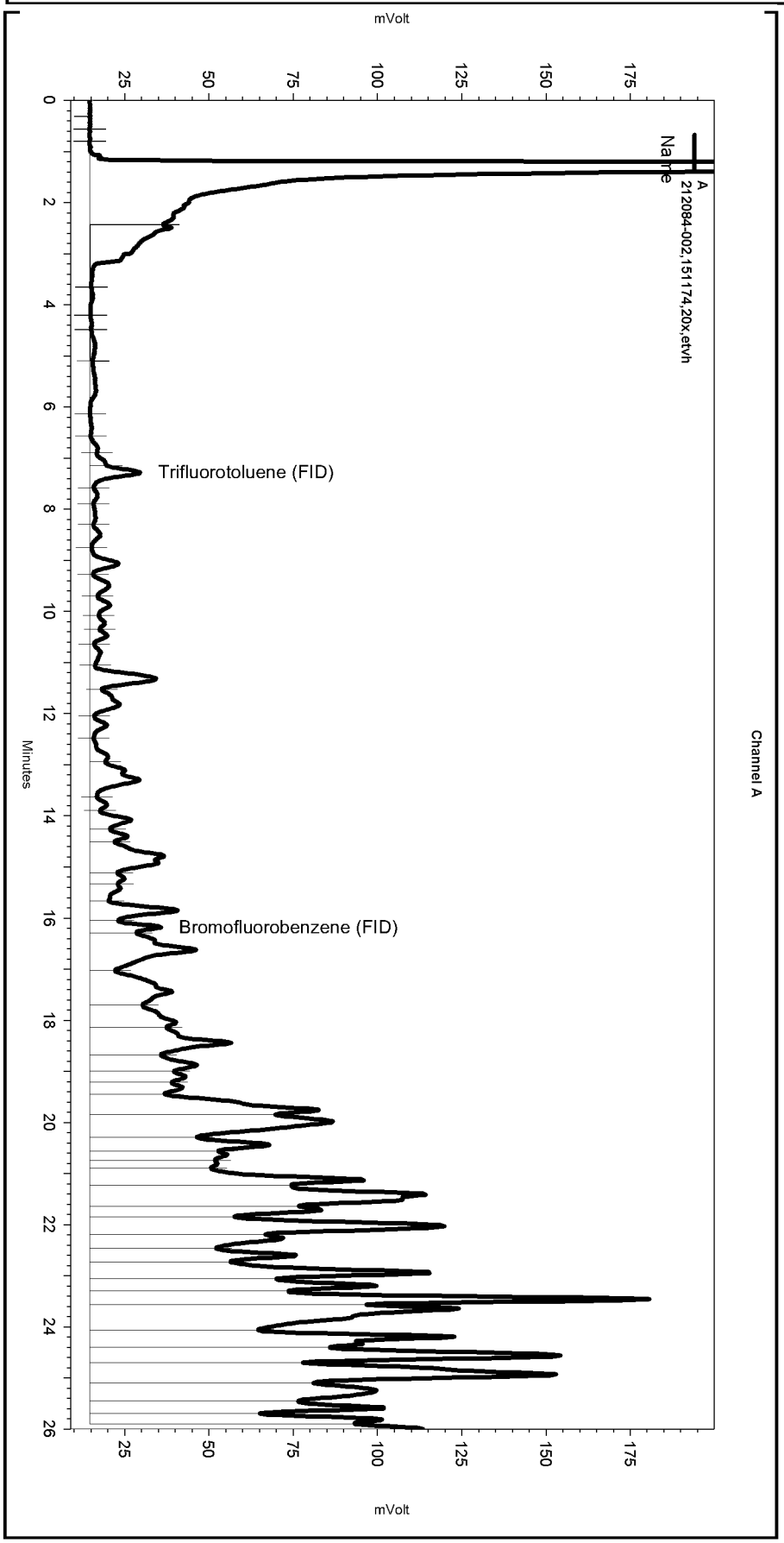
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\139_019

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.335	26.017	0
Yes	Split Peak	7.099	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\139.seq**
Sample Name: **212084-002,151174,20x,etvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\139_020**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe138.met

Software Version 3.1.7
Run Date: 5/19/2009 11:38:27 PM
Analysis Date: 5/20/2009 11:48:01 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: E



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
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Yes	Threshold	0	0	50

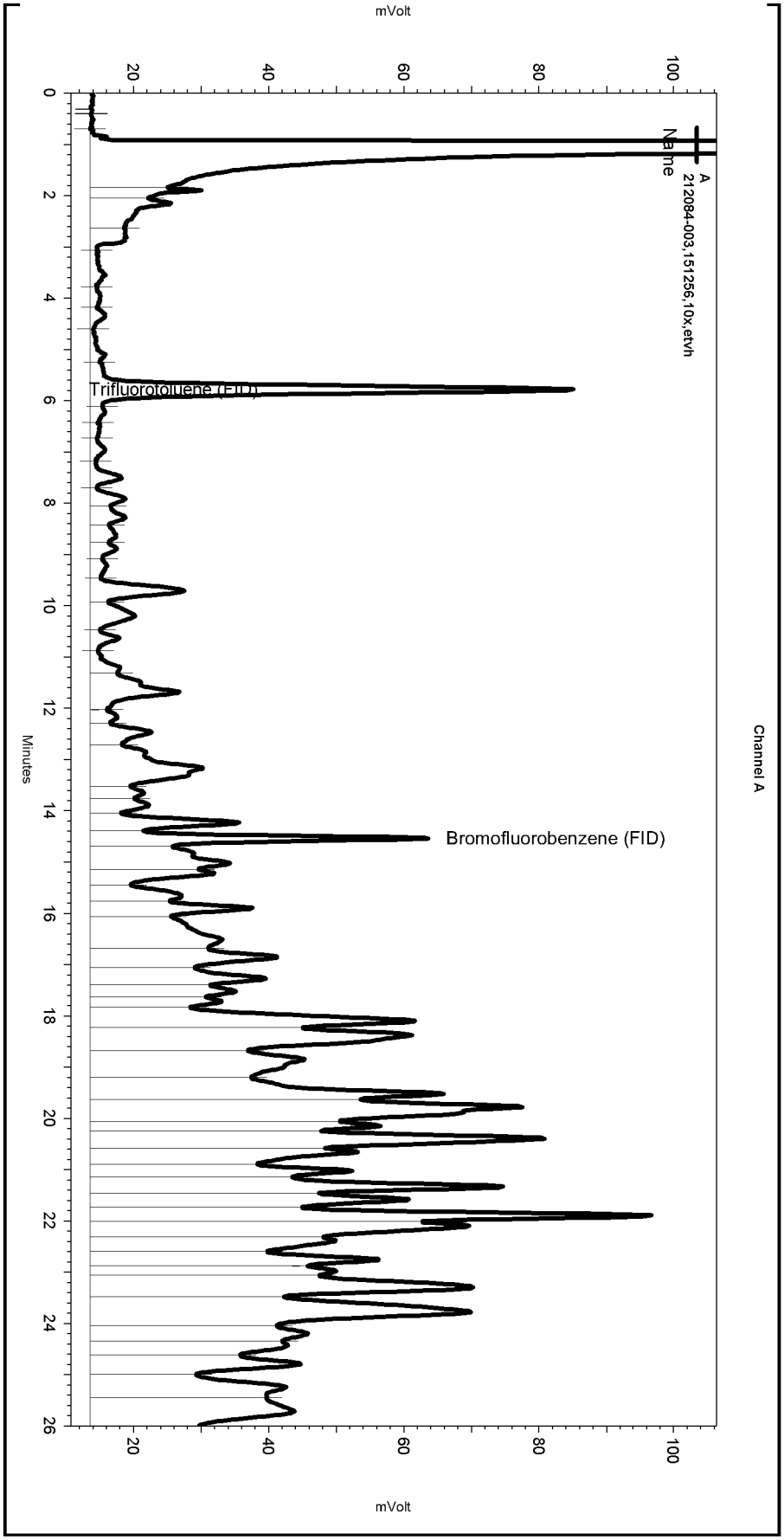
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\139_020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0.087	26.017	0
Yes	Split Peak	7.156	0	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\141.seq**
Sample Name: **212084-003,151256,10x,etvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\141_013**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe139.met

Software Version 3.1.7
Run Date: 5/21/2009 6:18:54 PM
Analysis Date: 5/22/2009 8:24:53 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: E



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

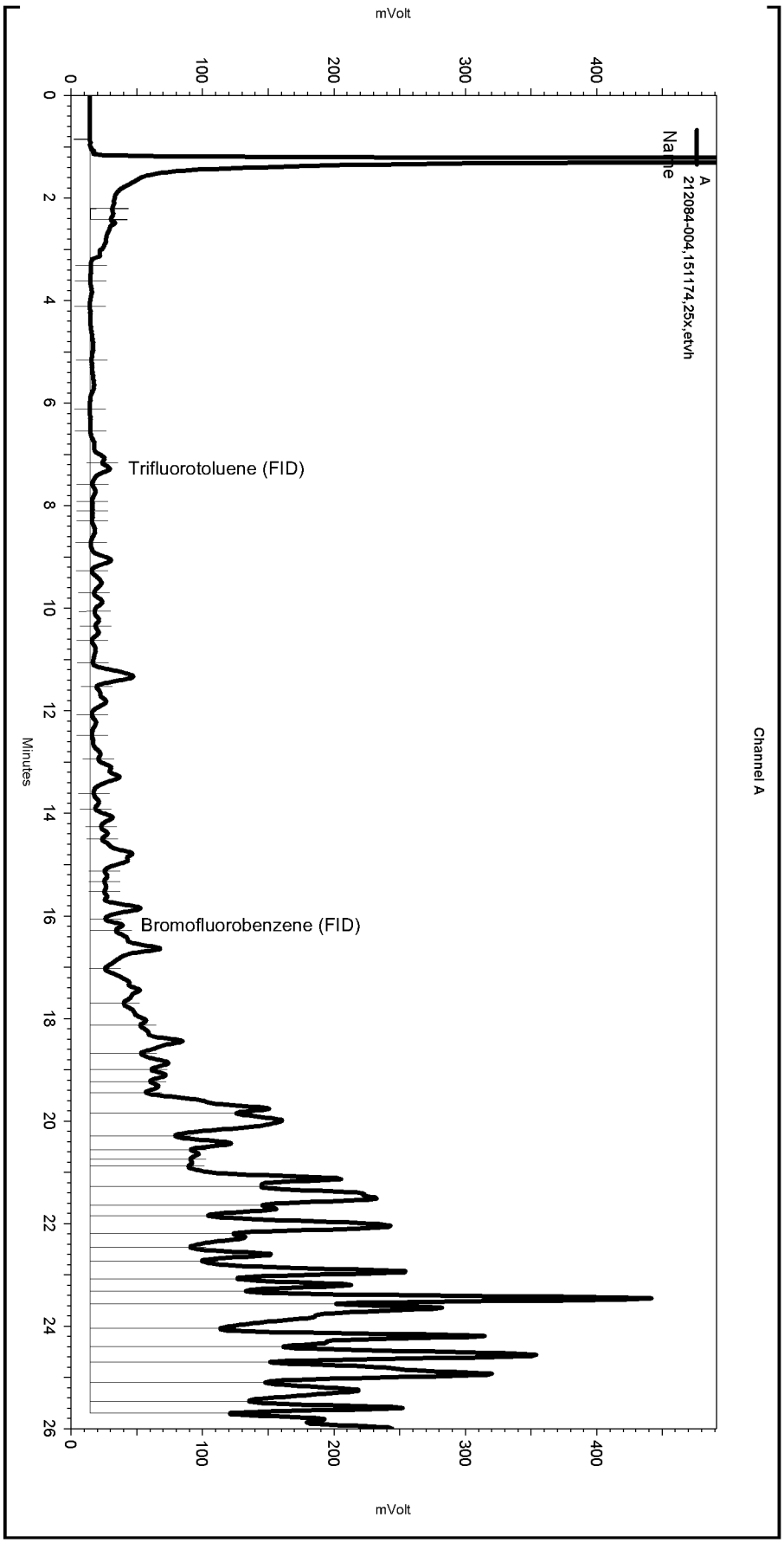
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\141_013

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\139.seq**
Sample Name: **212084-004,151174,25x,etvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\139_021**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe138.met

Software Version 3.1.7
Run Date: 5/20/2009 12:16:05 AM
Analysis Date: 5/20/2009 11:48:05 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: D



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

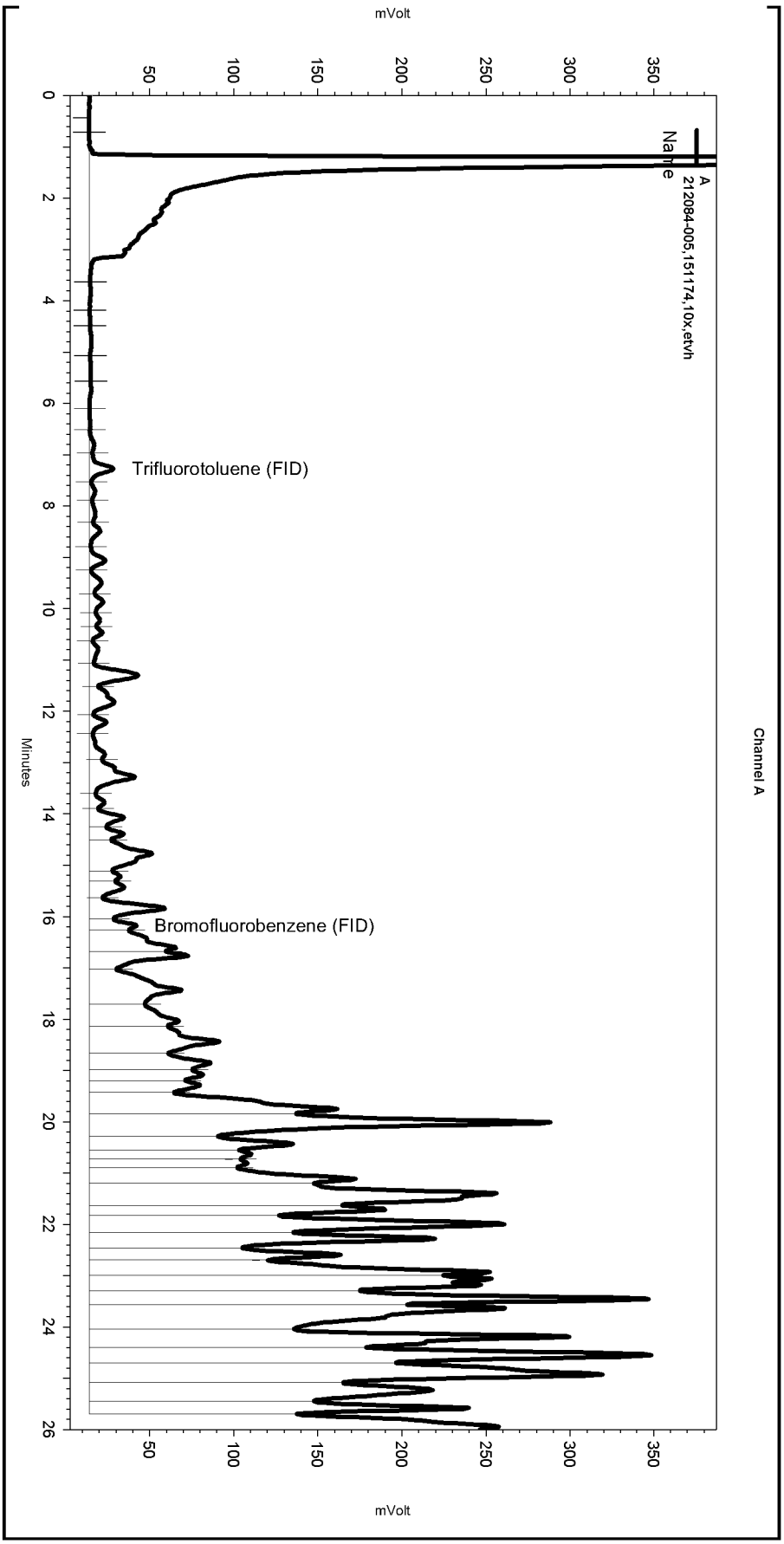
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\139_021

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC19\Sequence\139.seq**
Sample Name: **212084-005,151174,10x,etvh**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC19\Data\139_022**
Instrument: GC19 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC19\Method\tvhbtxe138.met

Software Version 3.1.7
Run Date: 5/20/2009 12:53:42 AM
Analysis Date: 5/20/2009 11:48:09 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: D



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

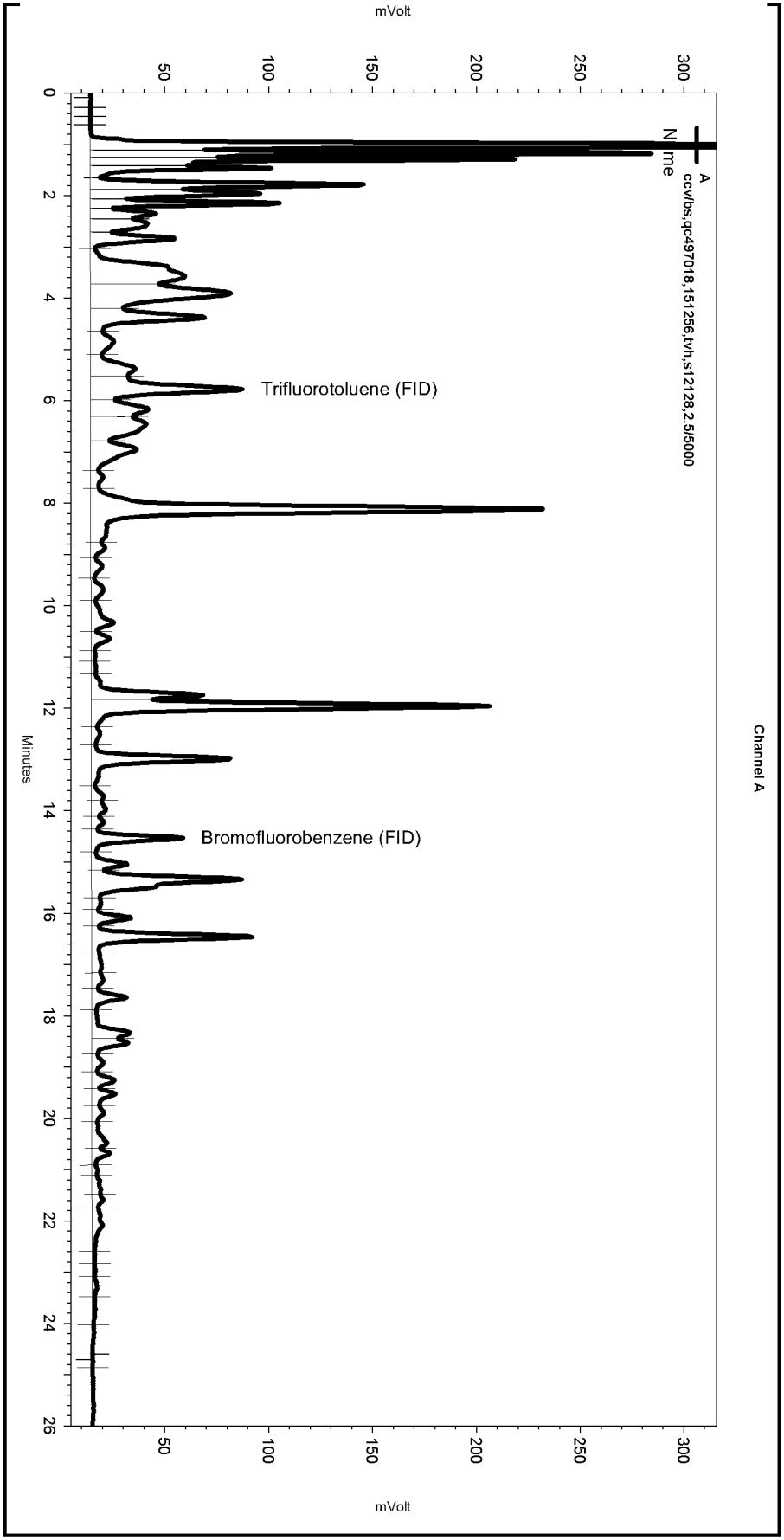
Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC19\Data\139_022

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Lowest Point Horizontal Baseli	0	26.017	0

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\141.seq**
Sample Name: **ccv/bs,qc497018,151256,tvh,s12128,2.5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\141_003**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe139.met

Software Version 3.1.7
Run Date: 5/21/2009 10:16:04 AM
Analysis Date: 5/22/2009 8:21:09 AM
Sample Amount: 1 Multiplier: 1
Vial & pH or Core ID: {Data Description}



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0.2
Yes	Threshold	0	0	50

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\141_003

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	SHAKER TABLE
Project#:	746218.39383	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/12/09
Units:	mg/Kg	Received:	05/12/09
Basis:	as received	Prepared:	05/15/09
Batch#:	151066		

Field ID:	USPS-EX-BS9.5-01	Diln Fac:	25.00
Type:	SAMPLE	Analyzed:	05/20/09
Lab ID:	212084-001		

Analyte	Result	RL
Diesel C10-C24	5,700	25
Motor Oil C24-C36	ND	120

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Field ID:	USPS-EX-BS9.5-02	Diln Fac:	20.00
Type:	SAMPLE	Analyzed:	05/19/09
Lab ID:	212084-002		

Analyte	Result	RL
Diesel C10-C24	2,500	20
Motor Oil C24-C36	ND	99

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Field ID:	USPS-EX-EW6.0	Diln Fac:	10.00
Type:	SAMPLE	Analyzed:	05/19/09
Lab ID:	212084-003		

Analyte	Result	RL
Diesel C10-C24	1,700	10
Motor Oil C24-C36	ND	50

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

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

Curtis & Tompkins, Ltd.

Total Extractable Hydrocarbons

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	SHAKER TABLE
Project#:	746218.39383	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	05/12/09
Units:	mg/Kg	Received:	05/12/09
Basis:	as received	Prepared:	05/15/09
Batch#:	151066		

Field ID: USPS-EX-WW6.5 Diln Fac: 50.00
Type: SAMPLE Analyzed: 05/19/09
Lab ID: 212084-004

Analyte	Result	RL
Diesel C10-C24	9,900	50
Motor Oil C24-C36	ND	250

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Field ID: USPS-EX-NW6.0 Diln Fac: 50.00
Type: SAMPLE Analyzed: 05/19/09
Lab ID: 212084-005

Analyte	Result	RL
Diesel C10-C24	12,000	50
Motor Oil C24-C36	ND	250

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Type: BLANK Diln Fac: 1.000
Lab ID: QC496223 Analyzed: 05/19/09

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	53-133

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

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	SHAKER TABLE
Project#:	746218.39383	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC496224	Batch#:	151066
Matrix:	Soil	Prepared:	05/15/09
Units:	mg/Kg	Analyzed:	05/19/09
Basis:	as received		

Cleanup Method: EPA 3630C

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	49.69	37.62	76	52-128

Surrogate	%REC	Limits
o-Terphenyl	81	53-133

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	SHAKER TABLE
Project#:	746218.39383	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Diln Fac:	20.00
MSS Lab ID:	212145-004	Batch#:	151066
Matrix:	Soil	Sampled:	05/13/09
Units:	mg/Kg	Received:	05/13/09
Basis:	as received	Prepared:	05/15/09

Type: MS Analyzed: 05/18/09
Lab ID: QC496225

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	318.0	49.62	280.9	-75 NM	33-145

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Type: MSD Analyzed: 05/19/09
Lab ID: QC496226

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.90	328.9	22 NM	33-145	16	44

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

DO= Diluted Out
NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	SHAKER TABLE
Project#:	746218.39383	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	151066
MSS Lab ID:	212145-010	Sampled:	05/13/09
Matrix:	Soil	Received:	05/13/09
Units:	mg/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/19/09
Diln Fac:	20.00		

Type: MS Lab ID: QC496227

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	210.7	49.55	240.4	60 NM	33-145

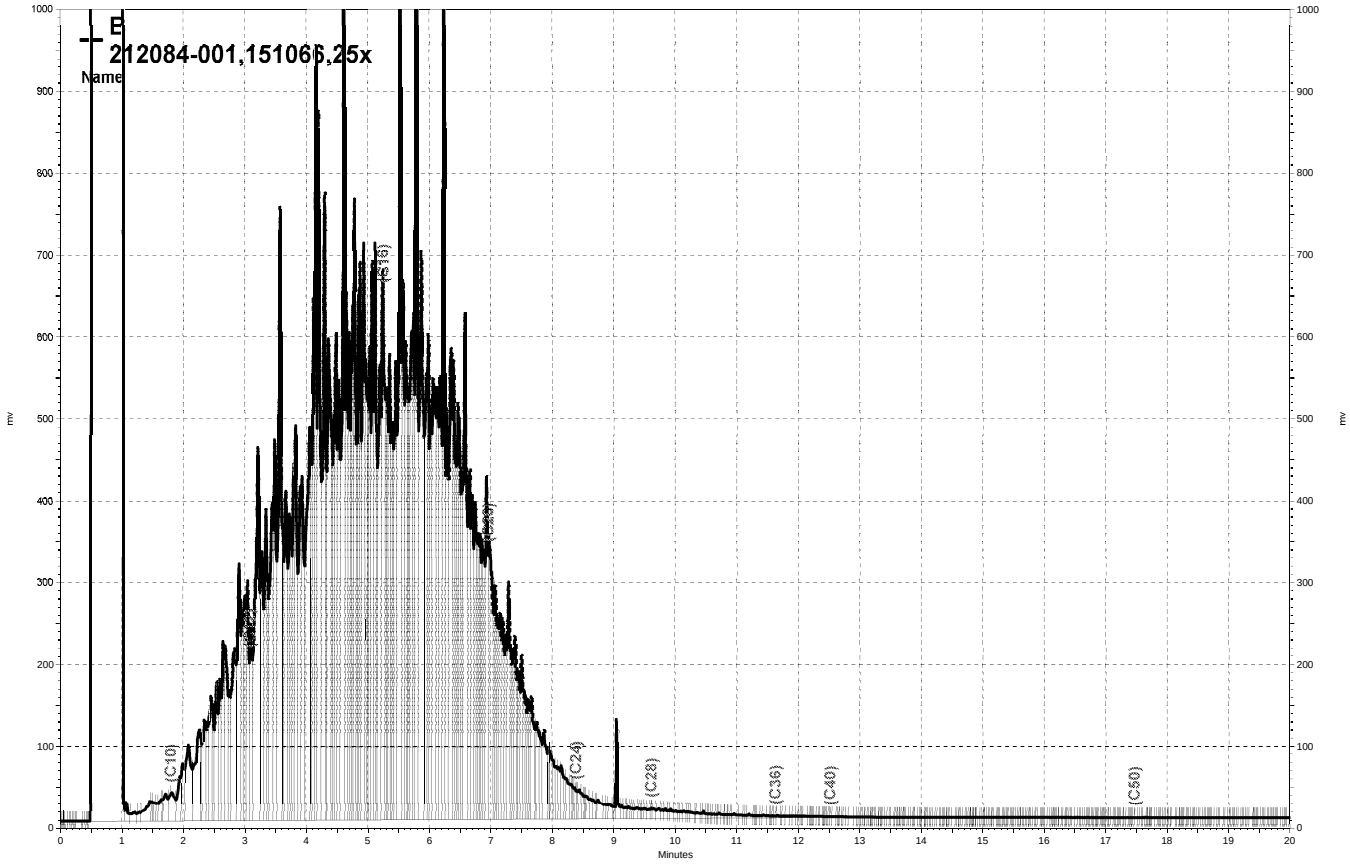
Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

Type: MSD Lab ID: QC496228

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	49.61	198.4	-25 NM	33-145	19	44

Surrogate	%REC	Limits
o-Terphenyl	DO	53-133

DO= Diluted Out
NM= Not Meaningful: Sample concentration > 4X spike concentration
RPD= Relative Percent Difference



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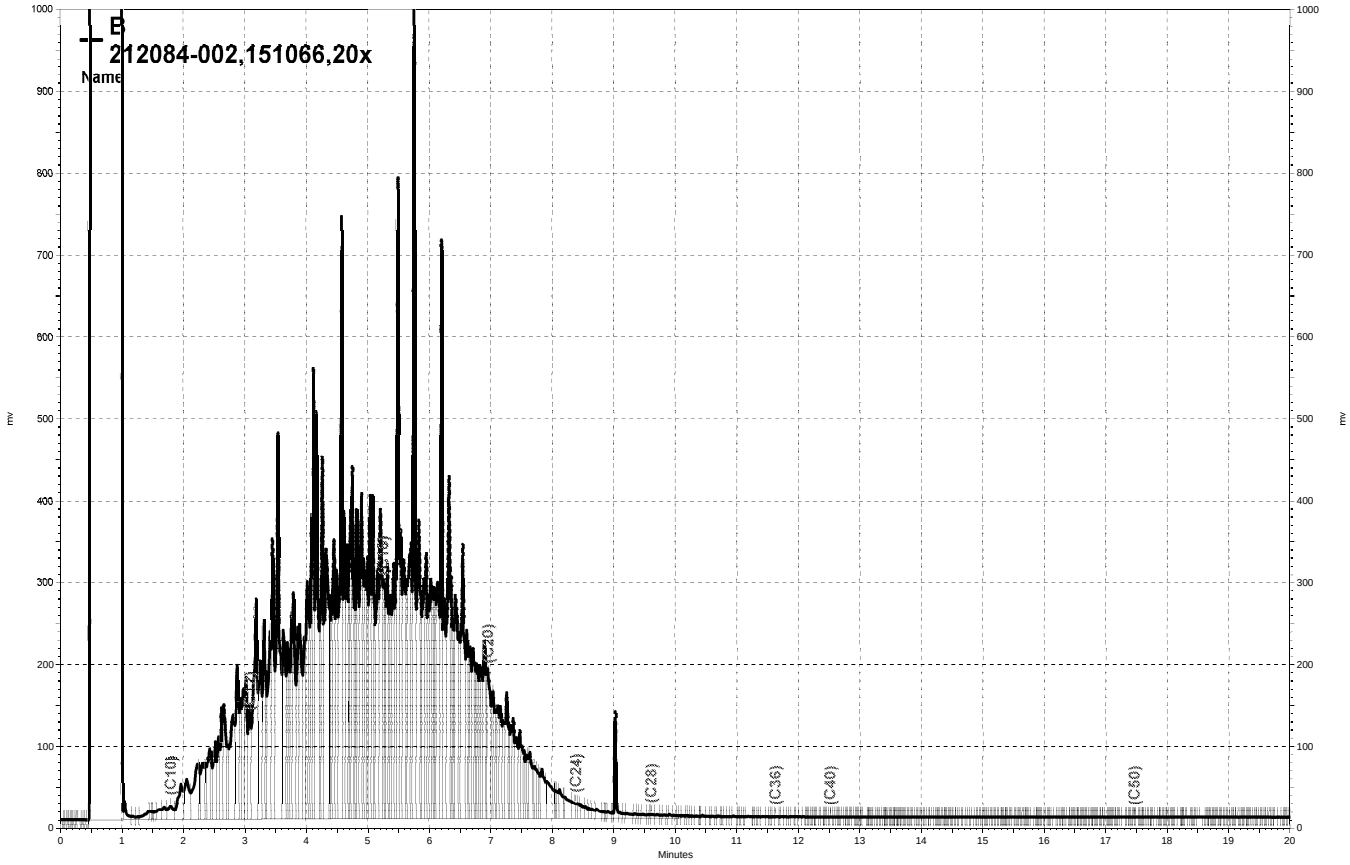

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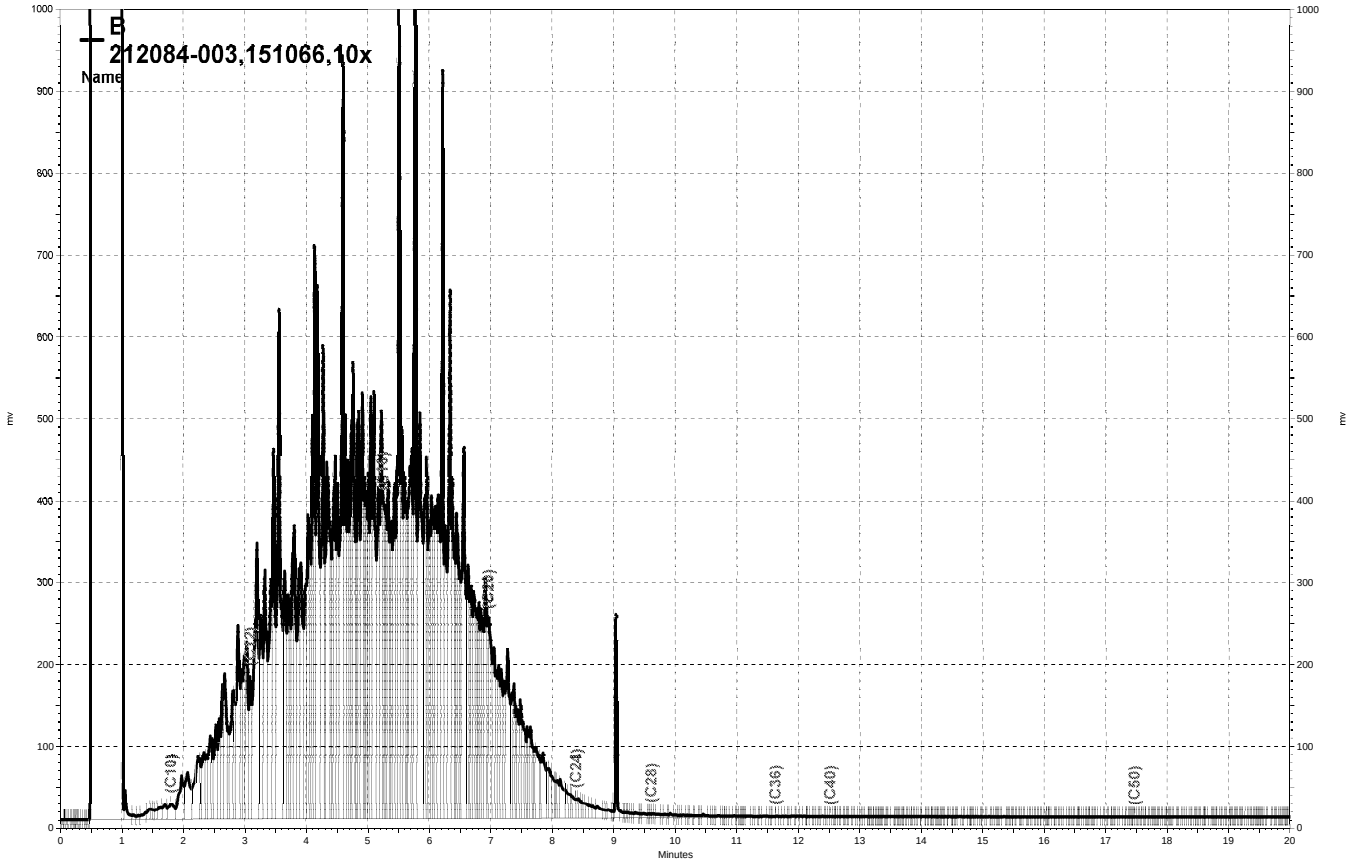

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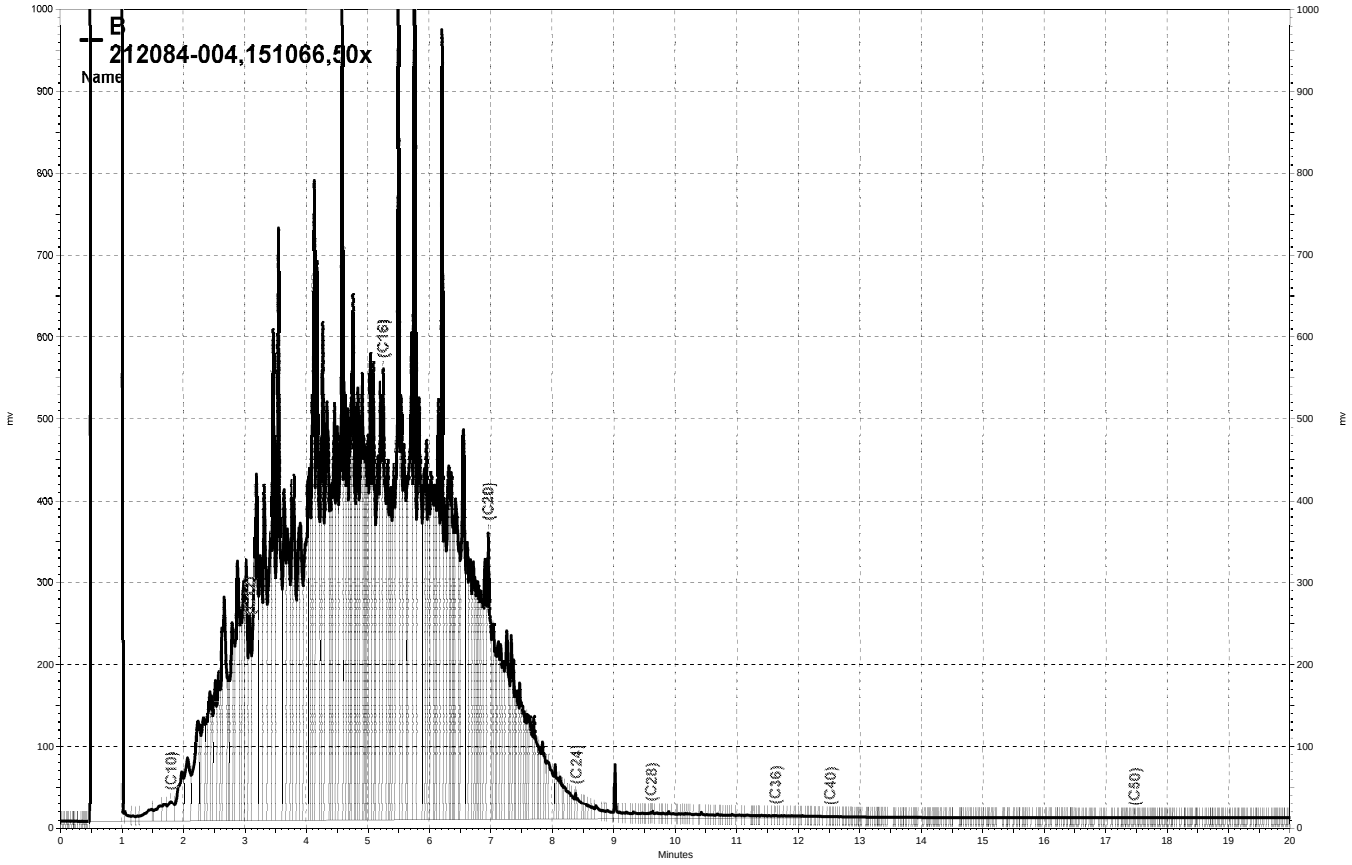

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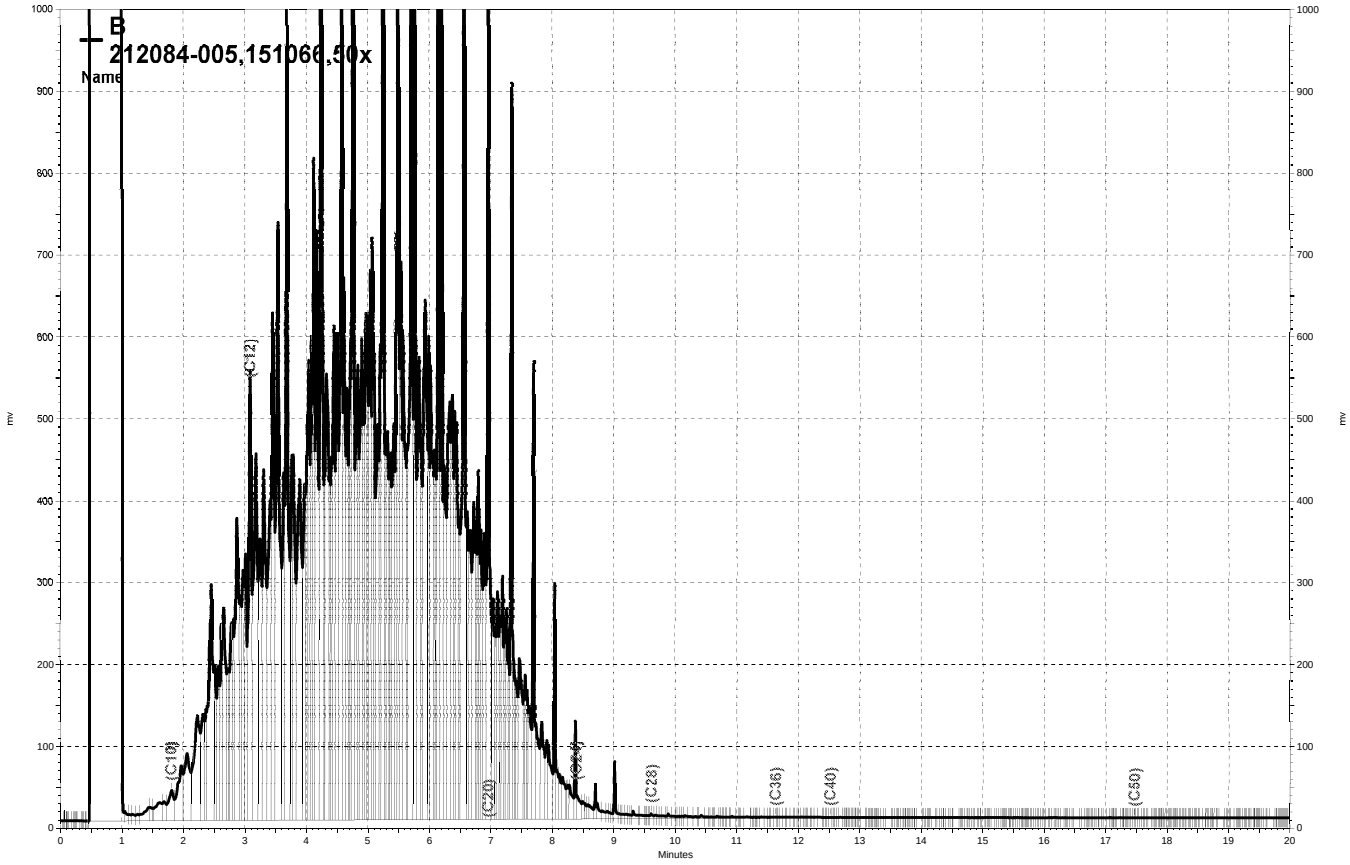

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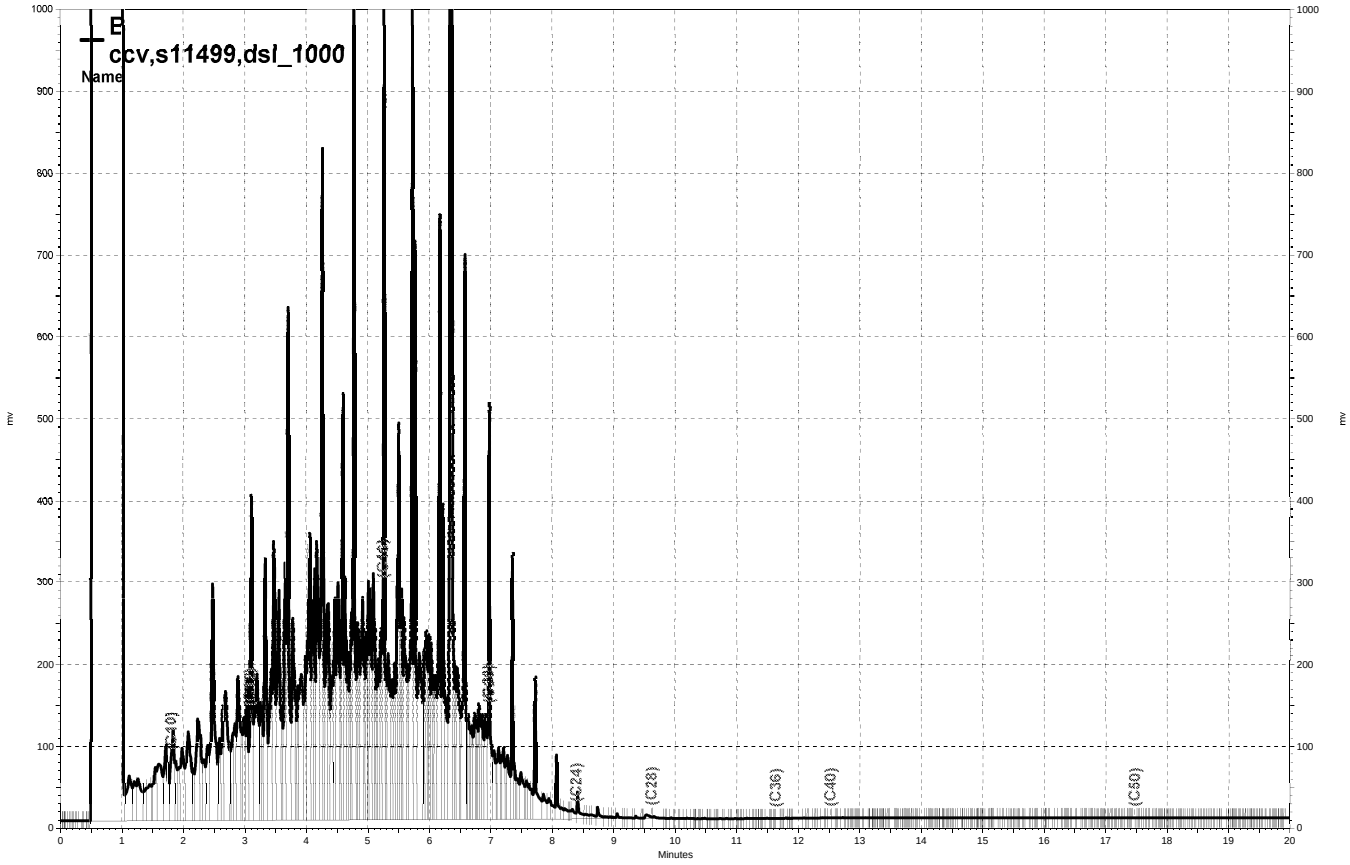

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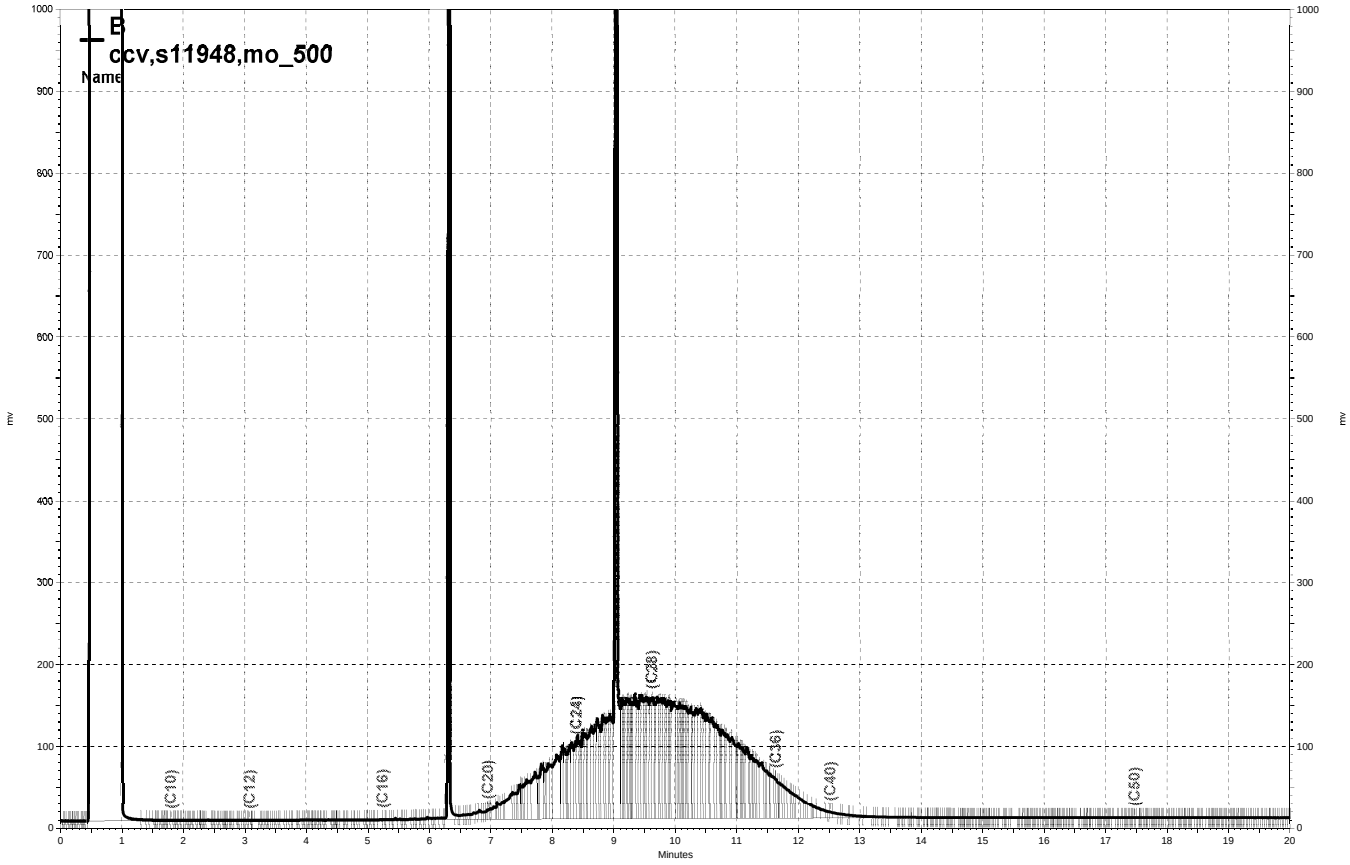

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Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-BS9.5-01	Diln Fac:	200.0
Lab ID:	212084-001	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Freon 12	ND	2,000
Chloromethane	ND	2,000
Vinyl Chloride	ND	2,000
Bromomethane	ND	2,000
Chloroethane	ND	2,000
Trichlorofluoromethane	ND	1,000
Acetone	ND	4,000
Freon 113	ND	1,000
1,1-Dichloroethene	ND	1,000
Methylene Chloride	ND	4,000
Carbon Disulfide	ND	1,000
MTBE	ND	1,000
trans-1,2-Dichloroethene	ND	1,000
Vinyl Acetate	ND	10,000
1,1-Dichloroethane	ND	1,000
2-Butanone	ND	2,000
cis-1,2-Dichloroethene	ND	1,000
2,2-Dichloropropane	ND	1,000
Chloroform	ND	1,000
Bromochloromethane	ND	1,000
1,1,1-Trichloroethane	ND	1,000
1,1-Dichloropropene	ND	1,000
Carbon Tetrachloride	ND	1,000
1,2-Dichloroethane	ND	1,000
Benzene	ND	1,000
Trichloroethene	ND	1,000
1,2-Dichloropropane	ND	1,000
Bromodichloromethane	ND	1,000
Dibromomethane	ND	1,000
4-Methyl-2-Pentanone	ND	2,000
cis-1,3-Dichloropropene	ND	1,000
Toluene	ND	1,000
trans-1,3-Dichloropropene	ND	1,000
1,1,2-Trichloroethane	ND	1,000
2-Hexanone	ND	2,000
1,3-Dichloropropane	ND	1,000
Tetrachloroethene	ND	1,000

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-BS9.5-01	Diln Fac:	200.0
Lab ID:	212084-001	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Dibromochloromethane	ND	1,000
1,2-Dibromoethane	ND	1,000
Chlorobenzene	ND	1,000
1,1,1,2-Tetrachloroethane	ND	1,000
Ethylbenzene	ND	1,000
m,p-Xylenes	ND	1,000
o-Xylene	ND	1,000
Styrene	ND	1,000
Bromoform	ND	1,000
Isopropylbenzene	ND	1,000
1,1,2,2-Tetrachloroethane	ND	1,000
1,2,3-Trichloropropane	ND	1,000
Propylbenzene	ND	1,000
Bromobenzene	ND	1,000
1,3,5-Trimethylbenzene	ND	1,000
2-Chlorotoluene	ND	1,000
4-Chlorotoluene	ND	1,000
tert-Butylbenzene	ND	1,000
1,2,4-Trimethylbenzene	ND	1,000
sec-Butylbenzene	ND	1,000
para-Isopropyl Toluene	ND	1,000
1,3-Dichlorobenzene	ND	1,000
1,4-Dichlorobenzene	ND	1,000
n-Butylbenzene	ND	1,000
1,2-Dichlorobenzene	ND	1,000
1,2-Dibromo-3-Chloropropane	ND	1,000
1,2,4-Trichlorobenzene	ND	1,000
Hexachlorobutadiene	ND	1,000
Naphthalene	ND	1,000
1,2,3-Trichlorobenzene	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	89	71-128
1,2-Dichloroethane-d4	82	69-135
Toluene-d8	96	80-120
Bromofluorobenzene	93	77-131
Trifluorotoluene (MeOH)	114	56-147

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-BS9.5-02	Diln Fac:	50.00
Lab ID:	212084-002	Batch#:	151159
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/19/09

Analyte	Result	RL
Freon 12	ND	500
Chloromethane	ND	500
Vinyl Chloride	ND	500
Bromomethane	ND	500
Chloroethane	ND	500
Trichlorofluoromethane	ND	250
Acetone	ND	1,000
Freon 113	ND	250
1,1-Dichloroethene	ND	250
Methylene Chloride	ND	1,000
Carbon Disulfide	ND	250
MTBE	ND	250
trans-1,2-Dichloroethene	ND	250
Vinyl Acetate	ND	2,500
1,1-Dichloroethane	ND	250
2-Butanone	ND	500
cis-1,2-Dichloroethene	ND	250
2,2-Dichloropropane	ND	250
Chloroform	ND	250
Bromochloromethane	ND	250
1,1,1-Trichloroethane	ND	250
1,1-Dichloropropene	ND	250
Carbon Tetrachloride	ND	250
1,2-Dichloroethane	ND	250
Benzene	ND	250
Trichloroethene	ND	250
1,2-Dichloropropane	ND	250
Bromodichloromethane	ND	250
Dibromomethane	ND	250
4-Methyl-2-Pentanone	ND	500
cis-1,3-Dichloropropene	ND	250
Toluene	ND	250
trans-1,3-Dichloropropene	ND	250
1,1,2-Trichloroethane	ND	250
2-Hexanone	ND	500
1,3-Dichloropropane	ND	250
Tetrachloroethene	ND	250

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-BS9.5-02	Diln Fac:	50.00
Lab ID:	212084-002	Batch#:	151159
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/19/09

Analyte	Result	RL
Dibromochloromethane	ND	250
1,2-Dibromoethane	ND	250
Chlorobenzene	ND	250
1,1,1,2-Tetrachloroethane	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	ND	250
o-Xylene	ND	250
Styrene	ND	250
Bromoform	ND	250
Isopropylbenzene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
1,2,3-Trichloropropane	ND	250
Propylbenzene	ND	250
Bromobenzene	ND	250
1,3,5-Trimethylbenzene	ND	250
2-Chlorotoluene	ND	250
4-Chlorotoluene	ND	250
tert-Butylbenzene	ND	250
1,2,4-Trimethylbenzene	ND	250
sec-Butylbenzene	ND	250
para-Isopropyl Toluene	ND	250
1,3-Dichlorobenzene	ND	250
1,4-Dichlorobenzene	ND	250
n-Butylbenzene	ND	250
1,2-Dichlorobenzene	ND	250
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	250
Hexachlorobutadiene	ND	250
Naphthalene	ND	250
1,2,3-Trichlorobenzene	ND	250

Surrogate	%REC	Limits
Dibromofluoromethane	84	71-128
1,2-Dichloroethane-d4	80	69-135
Toluene-d8	104	80-120
Bromofluorobenzene	92	77-131
Trifluorotoluene (MeOH)	109	56-147

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-EW6.0	Diln Fac:	50.00
Lab ID:	212084-003	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Freon 12	ND	500
Chloromethane	ND	500
Vinyl Chloride	ND	500
Bromomethane	ND	500
Chloroethane	ND	500
Trichlorofluoromethane	ND	250
Acetone	ND	1,000
Freon 113	ND	250
1,1-Dichloroethene	ND	250
Methylene Chloride	ND	1,000
Carbon Disulfide	ND	250
MTBE	ND	250
trans-1,2-Dichloroethene	ND	250
Vinyl Acetate	ND	2,500
1,1-Dichloroethane	ND	250
2-Butanone	ND	500
cis-1,2-Dichloroethene	ND	250
2,2-Dichloropropane	ND	250
Chloroform	ND	250
Bromochloromethane	ND	250
1,1,1-Trichloroethane	ND	250
1,1-Dichloropropene	ND	250
Carbon Tetrachloride	ND	250
1,2-Dichloroethane	ND	250
Benzene	ND	250
Trichloroethene	ND	250
1,2-Dichloropropane	ND	250
Bromodichloromethane	ND	250
Dibromomethane	ND	250
4-Methyl-2-Pentanone	ND	500
cis-1,3-Dichloropropene	ND	250
Toluene	ND	250
trans-1,3-Dichloropropene	ND	250
1,1,2-Trichloroethane	ND	250
2-Hexanone	ND	500
1,3-Dichloropropane	ND	250
Tetrachloroethene	ND	250

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-EW6.0	Diln Fac:	50.00
Lab ID:	212084-003	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Dibromochloromethane	ND	250
1,2-Dibromoethane	ND	250
Chlorobenzene	ND	250
1,1,1,2-Tetrachloroethane	ND	250
Ethylbenzene	ND	250
m,p-Xylenes	ND	250
o-Xylene	ND	250
Styrene	ND	250
Bromoform	ND	250
Isopropylbenzene	ND	250
1,1,2,2-Tetrachloroethane	ND	250
1,2,3-Trichloropropane	ND	250
Propylbenzene	ND	250
Bromobenzene	ND	250
1,3,5-Trimethylbenzene	ND	250
2-Chlorotoluene	ND	250
4-Chlorotoluene	ND	250
tert-Butylbenzene	ND	250
1,2,4-Trimethylbenzene	ND	250
sec-Butylbenzene	ND	250
para-Isopropyl Toluene	ND	250
1,3-Dichlorobenzene	ND	250
1,4-Dichlorobenzene	ND	250
n-Butylbenzene	ND	250
1,2-Dichlorobenzene	ND	250
1,2-Dibromo-3-Chloropropane	ND	250
1,2,4-Trichlorobenzene	ND	250
Hexachlorobutadiene	ND	250
Naphthalene	2,000	250
1,2,3-Trichlorobenzene	ND	250

Surrogate	%REC	Limits
Dibromofluoromethane	85	71-128
1,2-Dichloroethane-d4	81	69-135
Toluene-d8	100	80-120
Bromofluorobenzene	97	77-131
Trifluorotoluene (MeOH)	111	56-147

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-WW6.5	Diln Fac:	500.0
Lab ID:	212084-004	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

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

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-WW6.5	Diln Fac:	500.0
Lab ID:	212084-004	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
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
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	11,000	2,500
1,2,3-Trichlorobenzene	ND	2,500

Surrogate	%REC	Limits
Dibromofluoromethane	87	71-128
1,2-Dichloroethane-d4	80	69-135
Toluene-d8	96	80-120
Bromofluorobenzene	97	77-131
Trifluorotoluene (MeOH)	118	56-147

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-NW6.0	Diln Fac:	200.0
Lab ID:	212084-005	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Freon 12	ND	2,000
Chloromethane	ND	2,000
Vinyl Chloride	ND	2,000
Bromomethane	ND	2,000
Chloroethane	ND	2,000
Trichlorofluoromethane	ND	1,000
Acetone	ND	4,000
Freon 113	ND	1,000
1,1-Dichloroethene	ND	1,000
Methylene Chloride	ND	4,000
Carbon Disulfide	ND	1,000
MTBE	ND	1,000
trans-1,2-Dichloroethene	ND	1,000
Vinyl Acetate	ND	10,000
1,1-Dichloroethane	ND	1,000
2-Butanone	ND	2,000
cis-1,2-Dichloroethene	ND	1,000
2,2-Dichloropropane	ND	1,000
Chloroform	ND	1,000
Bromochloromethane	ND	1,000
1,1,1-Trichloroethane	ND	1,000
1,1-Dichloropropene	ND	1,000
Carbon Tetrachloride	ND	1,000
1,2-Dichloroethane	ND	1,000
Benzene	ND	1,000
Trichloroethene	ND	1,000
1,2-Dichloropropane	ND	1,000
Bromodichloromethane	ND	1,000
Dibromomethane	ND	1,000
4-Methyl-2-Pentanone	ND	2,000
cis-1,3-Dichloropropene	ND	1,000
Toluene	ND	1,000
trans-1,3-Dichloropropene	ND	1,000
1,1,2-Trichloroethane	ND	1,000
2-Hexanone	ND	2,000
1,3-Dichloropropane	ND	1,000
Tetrachloroethene	ND	1,000

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	USPS-EX-NW6.0	Diln Fac:	200.0
Lab ID:	212084-005	Batch#:	151048
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/12/09
Basis:	as received	Analyzed:	05/15/09

Analyte	Result	RL
Dibromochloromethane	ND	1,000
1,2-Dibromoethane	ND	1,000
Chlorobenzene	ND	1,000
1,1,1,2-Tetrachloroethane	ND	1,000
Ethylbenzene	ND	1,000
m,p-Xylenes	ND	1,000
o-Xylene	ND	1,000
Styrene	ND	1,000
Bromoform	ND	1,000
Isopropylbenzene	ND	1,000
1,1,2,2-Tetrachloroethane	ND	1,000
1,2,3-Trichloropropane	ND	1,000
Propylbenzene	ND	1,000
Bromobenzene	ND	1,000
1,3,5-Trimethylbenzene	ND	1,000
2-Chlorotoluene	ND	1,000
4-Chlorotoluene	ND	1,000
tert-Butylbenzene	ND	1,000
1,2,4-Trimethylbenzene	ND	1,000
sec-Butylbenzene	ND	1,000
para-Isopropyl Toluene	ND	1,000
1,3-Dichlorobenzene	ND	1,000
1,4-Dichlorobenzene	ND	1,000
n-Butylbenzene	ND	1,000
1,2-Dichlorobenzene	ND	1,000
1,2-Dibromo-3-Chloropropane	ND	1,000
1,2,4-Trichlorobenzene	ND	1,000
Hexachlorobutadiene	ND	1,000
Naphthalene	2,300	1,000
1,2,3-Trichlorobenzene	ND	1,000

Surrogate	%REC	Limits
Dibromofluoromethane	83	71-128
1,2-Dichloroethane-d4	85	69-135
Toluene-d8	100	80-120
Bromofluorobenzene	96	77-131
Trifluorotoluene (MeOH)	117	56-147

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC496148	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151048
Units:	ug/Kg	Analyzed:	05/15/09

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 #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC496148	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151048
Units:	ug/Kg	Analyzed:	05/15/09

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	71-128
1,2-Dichloroethane-d4	89	69-135
Toluene-d8	98	80-120
Bromofluorobenzene	95	77-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Matrix:	Soil	Diln Fac:	1.000
Units:	ug/Kg	Batch#:	151048
Basis:	as received	Analyzed:	05/15/09

Type: BS Lab ID: QC496149

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	25.89	104	73-135
Benzene	25.00	26.17	105	80-125
Trichloroethene	25.00	25.73	103	80-127
Toluene	25.00	27.49	110	80-126
Chlorobenzene	25.00	26.56	106	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	97	71-128
1,2-Dichloroethane-d4	89	69-135
Toluene-d8	98	80-120
Bromofluorobenzene	90	77-131

Type: BSD Lab ID: QC496150

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	24.67	99	73-135	5	20
Benzene	25.00	26.40	106	80-125	1	20
Trichloroethene	25.00	24.96	100	80-127	3	20
Toluene	25.00	26.93	108	80-126	2	20
Chlorobenzene	25.00	25.87	103	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	71-128
1,2-Dichloroethane-d4	86	69-135
Toluene-d8	98	80-120
Bromofluorobenzene	94	77-131

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC496613	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151159
Units:	ug/Kg	Analyzed:	05/19/09

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 #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Type:	BLANK	Basis:	as received
Lab ID:	QC496613	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151159
Units:	ug/Kg	Analyzed:	05/19/09

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	90	71-128
1,2-Dichloroethane-d4	87	69-135
Toluene-d8	102	80-120
Bromofluorobenzene	93	77-131

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Type:	LCS	Basis:	as received
Lab ID:	QC496614	Diln Fac:	1.000
Matrix:	Soil	Batch#:	151159
Units:	ug/Kg	Analyzed:	05/19/09

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	20.95	84	73-135
Benzene	25.00	26.26	105	80-125
Trichloroethene	25.00	23.94	96	80-127
Toluene	25.00	26.71	107	80-126
Chlorobenzene	25.00	26.34	105	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	93	71-128
1,2-Dichloroethane-d4	82	69-135
Toluene-d8	97	80-120
Bromofluorobenzene	92	77-131

Curtis & Tompkins, Ltd.

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 5035
Project#:	746218.39383	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Diln Fac:	50.00
MSS Lab ID:	212193-005	Batch#:	151159
Matrix:	Soil	Sampled:	05/12/09
Units:	ug/Kg	Received:	05/15/09
Basis:	as received	Analyzed:	05/19/09

Type: MS Lab ID: QC496690

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<50.00	2,500	2,512	100	58-145
Benzene	1,269	2,500	3,691	97	56-126
Trichloroethene	<50.00	2,500	2,751	110	50-142
Toluene	2,979	2,500	5,367	96	52-125
Chlorobenzene	<50.00	2,500	2,924	117	46-120

Surrogate	%REC	Limits
Dibromofluoromethane	89	71-128
1,2-Dichloroethane-d4	77	69-135
Toluene-d8	93	80-120
Bromofluorobenzene	87	77-131
Trifluorotoluene (MeOH)	85	56-147

Type: MSD Lab ID: QC496691

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	2,500	2,614	105	58-145	4	28
Benzene	2,500	3,763	100	56-126	2	26
Trichloroethene	2,500	2,715	109	50-142	1	29
Toluene	2,500	5,664	107	52-125	5	29
Chlorobenzene	2,500	2,804	112	46-120	4	29

Surrogate	%REC	Limits
Dibromofluoromethane	88	71-128
1,2-Dichloroethane-d4	77	69-135
Toluene-d8	100	80-120
Bromofluorobenzene	87	77-131
Trifluorotoluene (MeOH)	90	56-147

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-BS9.5-01	Batch#:	151044
Lab ID:	212084-001	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	50.00		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	17,000
Phenol	ND	17,000
bis(2-Chloroethyl)ether	ND	17,000
2-Chlorophenol	ND	17,000
1,3-Dichlorobenzene	ND	17,000
1,4-Dichlorobenzene	ND	17,000
Benzyl alcohol	ND	17,000
1,2-Dichlorobenzene	ND	17,000
2-Methylphenol	ND	17,000
bis(2-Chloroisopropyl) ether	ND	17,000
4-Methylphenol	ND	17,000
N-Nitroso-di-n-propylamine	ND	17,000
Hexachloroethane	ND	17,000
Nitrobenzene	ND	17,000
Isophorone	ND	17,000
2-Nitrophenol	ND	33,000
2,4-Dimethylphenol	ND	17,000
Benzoic acid	ND	83,000
bis(2-Chloroethoxy)methane	ND	17,000
2,4-Dichlorophenol	ND	17,000
1,2,4-Trichlorobenzene	ND	17,000
Naphthalene	ND	3,300
4-Chloroaniline	ND	17,000
Hexachlorobutadiene	ND	17,000
4-Chloro-3-methylphenol	ND	17,000
2-Methylnaphthalene	ND	3,300
Hexachlorocyclopentadiene	ND	33,000
2,4,6-Trichlorophenol	ND	17,000
2,4,5-Trichlorophenol	ND	17,000
2-Chloronaphthalene	ND	17,000
2-Nitroaniline	ND	33,000
Dimethylphthalate	ND	17,000
Acenaphthylene	ND	3,300
2,6-Dinitrotoluene	ND	17,000
3-Nitroaniline	ND	33,000
Acenaphthene	ND	3,300
2,4-Dinitrophenol	ND	33,000
4-Nitrophenol	ND	33,000
Dibenzofuran	ND	17,000
2,4-Dinitrotoluene	ND	17,000
Diethylphthalate	ND	17,000
Fluorene	ND	3,300
4-Chlorophenyl-phenylether	ND	17,000
4-Nitroaniline	ND	33,000
4,6-Dinitro-2-methylphenol	ND	33,000
N-Nitrosodiphenylamine	ND	17,000
Azobenzene	ND	17,000
4-Bromophenyl-phenylether	ND	17,000
Hexachlorobenzene	ND	17,000
Pentachlorophenol	ND	33,000
Phenanthrene	ND	3,300
Anthracene	ND	3,300

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-BS9.5-01	Batch#:	151044
Lab ID:	212084-001	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	50.00		

Analyte	Result	RL
Di-n-butylphthalate	ND	17,000
Fluoranthene	ND	3,300
Pyrene	ND	3,300
Butylbenzylphthalate	ND	17,000
3,3'-Dichlorobenzidine	ND	33,000
Benzo(a)anthracene	ND	3,300
Chrysene	ND	3,300
bis(2-Ethylhexyl)phthalate	ND	17,000
Di-n-octylphthalate	ND	17,000
Benzo(b)fluoranthene	ND	3,300
Benzo(k)fluoranthene	ND	3,300
Benzo(a)pyrene	ND	3,300
Indeno(1,2,3-cd)pyrene	ND	3,300
Dibenz(a,h)anthracene	ND	3,300
Benzo(g,h,i)perylene	ND	3,300

Surrogate	%REC	Limits
2-Fluorophenol	DO	35-120
Phenol-d5	DO	37-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	47-120
2-Fluorobiphenyl	DO	52-120
Terphenyl-d14	DO	45-120

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-BS9.5-02	Batch#:	151044
Lab ID:	212084-002	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/15/09
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	670
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	190	67
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	1,800	67
Hexachlorocyclopentadiene	ND	670
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	670
Dimethylphthalate	ND	330
Acenaphthylene	ND	67
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	670
Acenaphthene	ND	67
2,4-Dinitrophenol	ND	670
4-Nitrophenol	ND	670
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	240	67
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	670
4,6-Dinitro-2-methylphenol	ND	670
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	670
Phenanthrene	860	67
Anthracene	ND	67
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-BS9.5-02	Batch#:	151044
Lab ID:	212084-002	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/15/09
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	67
Pyrene	ND	67
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	670
Benzo(a)anthracene	ND	67
Chrysene	ND	67
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	67
Benzo(k)fluoranthene	ND	67
Benzo(a)pyrene	ND	67
Indeno(1,2,3-cd)pyrene	ND	67
Dibenz(a,h)anthracene	ND	67
Benzo(g,h,i)perylene	ND	67

Surrogate	%REC	Limits
2-Fluorophenol	72	35-120
Phenol-d5	70	37-120
2,4,6-Tribromophenol	61	30-120
Nitrobenzene-d5	70	47-120
2-Fluorobiphenyl	79	52-120
Terphenyl-d14	60	45-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-EW6.0	Batch#:	151044
Lab ID:	212084-003	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/15/09
Diln Fac:	1.000		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,700
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	320	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	2,400	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	1,000	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-EW6.0	Batch#:	151044
Lab ID:	212084-003	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/15/09
Diln Fac:	1.000		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	56	35-120
Phenol-d5	52	37-120
2,4,6-Tribromophenol	41	30-120
Nitrobenzene-d5	56	47-120
2-Fluorobiphenyl	65	52-120
Terphenyl-d14	49	45-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-WW6.5	Batch#:	151044
Lab ID:	212084-004	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	100.0		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	33,000
Phenol	ND	33,000
bis(2-Chloroethyl)ether	ND	33,000
2-Chlorophenol	ND	33,000
1,3-Dichlorobenzene	ND	33,000
1,4-Dichlorobenzene	ND	33,000
Benzyl alcohol	ND	33,000
1,2-Dichlorobenzene	ND	33,000
2-Methylphenol	ND	33,000
bis(2-Chloroisopropyl) ether	ND	33,000
4-Methylphenol	ND	33,000
N-Nitroso-di-n-propylamine	ND	33,000
Hexachloroethane	ND	33,000
Nitrobenzene	ND	33,000
Isophorone	ND	33,000
2-Nitrophenol	ND	67,000
2,4-Dimethylphenol	ND	33,000
Benzoic acid	ND	170,000
bis(2-Chloroethoxy)methane	ND	33,000
2,4-Dichlorophenol	ND	33,000
1,2,4-Trichlorobenzene	ND	33,000
Naphthalene	ND	6,700
4-Chloroaniline	ND	33,000
Hexachlorobutadiene	ND	33,000
4-Chloro-3-methylphenol	ND	33,000
2-Methylnaphthalene	15,000	6,700
Hexachlorocyclopentadiene	ND	67,000
2,4,6-Trichlorophenol	ND	33,000
2,4,5-Trichlorophenol	ND	33,000
2-Chloronaphthalene	ND	33,000
2-Nitroaniline	ND	67,000
Dimethylphthalate	ND	33,000
Acenaphthylene	ND	6,700
2,6-Dinitrotoluene	ND	33,000
3-Nitroaniline	ND	67,000
Acenaphthene	ND	6,700
2,4-Dinitrophenol	ND	67,000
4-Nitrophenol	ND	67,000
Dibenzofuran	ND	33,000
2,4-Dinitrotoluene	ND	33,000
Diethylphthalate	ND	33,000
Fluorene	ND	6,700
4-Chlorophenyl-phenylether	ND	33,000
4-Nitroaniline	ND	67,000
4,6-Dinitro-2-methylphenol	ND	67,000
N-Nitrosodiphenylamine	ND	33,000
Azobenzene	ND	33,000
4-Bromophenyl-phenylether	ND	33,000
Hexachlorobenzene	ND	33,000
Pentachlorophenol	ND	67,000
Phenanthrene	ND	6,700
Anthracene	ND	6,700

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-WW6.5	Batch#:	151044
Lab ID:	212084-004	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	100.0		

Analyte	Result	RL
Di-n-butylphthalate	ND	33,000
Fluoranthene	ND	6,700
Pyrene	ND	6,700
Butylbenzylphthalate	ND	33,000
3,3'-Dichlorobenzidine	ND	67,000
Benzo(a)anthracene	ND	6,700
Chrysene	ND	6,700
bis(2-Ethylhexyl)phthalate	ND	33,000
Di-n-octylphthalate	ND	33,000
Benzo(b)fluoranthene	ND	6,700
Benzo(k)fluoranthene	ND	6,700
Benzo(a)pyrene	ND	6,700
Indeno(1,2,3-cd)pyrene	ND	6,700
Dibenz(a,h)anthracene	ND	6,700
Benzo(g,h,i)perylene	ND	6,700

Surrogate	%REC	Limits
2-Fluorophenol	DO	35-120
Phenol-d5	DO	37-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	47-120
2-Fluorobiphenyl	DO	52-120
Terphenyl-d14	DO	45-120

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-NW6.0	Batch#:	151044
Lab ID:	212084-005	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	100.0		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	33,000
Phenol	ND	33,000
bis(2-Chloroethyl)ether	ND	33,000
2-Chlorophenol	ND	33,000
1,3-Dichlorobenzene	ND	33,000
1,4-Dichlorobenzene	ND	33,000
Benzyl alcohol	ND	33,000
1,2-Dichlorobenzene	ND	33,000
2-Methylphenol	ND	33,000
bis(2-Chloroisopropyl) ether	ND	33,000
4-Methylphenol	ND	33,000
N-Nitroso-di-n-propylamine	ND	33,000
Hexachloroethane	ND	33,000
Nitrobenzene	ND	33,000
Isophorone	ND	33,000
2-Nitrophenol	ND	66,000
2,4-Dimethylphenol	ND	33,000
Benzoic acid	ND	170,000
bis(2-Chloroethoxy)methane	ND	33,000
2,4-Dichlorophenol	ND	33,000
1,2,4-Trichlorobenzene	ND	33,000
Naphthalene	ND	6,600
4-Chloroaniline	ND	33,000
Hexachlorobutadiene	ND	33,000
4-Chloro-3-methylphenol	ND	33,000
2-Methylnaphthalene	13,000	6,600
Hexachlorocyclopentadiene	ND	66,000
2,4,6-Trichlorophenol	ND	33,000
2,4,5-Trichlorophenol	ND	33,000
2-Chloronaphthalene	ND	33,000
2-Nitroaniline	ND	66,000
Dimethylphthalate	ND	33,000
Acenaphthylene	ND	6,600
2,6-Dinitrotoluene	ND	33,000
3-Nitroaniline	ND	66,000
Acenaphthene	ND	6,600
2,4-Dinitrophenol	ND	66,000
4-Nitrophenol	ND	66,000
Dibenzofuran	ND	33,000
2,4-Dinitrotoluene	ND	33,000
Diethylphthalate	ND	33,000
Fluorene	ND	6,600
4-Chlorophenyl-phenylether	ND	33,000
4-Nitroaniline	ND	66,000
4,6-Dinitro-2-methylphenol	ND	66,000
N-Nitrosodiphenylamine	ND	33,000
Azobenzene	ND	33,000
4-Bromophenyl-phenylether	ND	33,000
Hexachlorobenzene	ND	33,000
Pentachlorophenol	ND	66,000
Phenanthrene	ND	6,600
Anthracene	ND	6,600

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

Curtis & Tompkins, Ltd.

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	USPS-EX-NW6.0	Batch#:	151044
Lab ID:	212084-005	Sampled:	05/12/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	100.0		

Analyte	Result	RL
Di-n-butylphthalate	ND	33,000
Fluoranthene	ND	6,600
Pyrene	ND	6,600
Butylbenzylphthalate	ND	33,000
3,3'-Dichlorobenzidine	ND	66,000
Benzo(a)anthracene	ND	6,600
Chrysene	ND	6,600
bis(2-Ethylhexyl)phthalate	ND	33,000
Di-n-octylphthalate	ND	33,000
Benzo(b)fluoranthene	ND	6,600
Benzo(k)fluoranthene	ND	6,600
Benzo(a)pyrene	ND	6,600
Indeno(1,2,3-cd)pyrene	ND	6,600
Dibenz(a,h)anthracene	ND	6,600
Benzo(g,h,i)perylene	ND	6,600

Surrogate	%REC	Limits
2-Fluorophenol	DO	35-120
Phenol-d5	DO	37-120
2,4,6-Tribromophenol	DO	30-120
Nitrobenzene-d5	DO	47-120
2-Fluorobiphenyl	DO	52-120
Terphenyl-d14	DO	45-120

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

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC496132	Batch#:	151044
Matrix:	Soil	Prepared:	05/15/09
Units:	ug/Kg	Analyzed:	05/15/09
Basis:	as received		

Analyte	Result	RL
N-Nitrosodimethylamine	ND	330
Phenol	ND	330
bis(2-Chloroethyl)ether	ND	330
2-Chlorophenol	ND	330
1,3-Dichlorobenzene	ND	330
1,4-Dichlorobenzene	ND	330
Benzyl alcohol	ND	330
1,2-Dichlorobenzene	ND	330
2-Methylphenol	ND	330
bis(2-Chloroisopropyl) ether	ND	330
4-Methylphenol	ND	330
N-Nitroso-di-n-propylamine	ND	330
Hexachloroethane	ND	330
Nitrobenzene	ND	330
Isophorone	ND	330
2-Nitrophenol	ND	660
2,4-Dimethylphenol	ND	330
Benzoic acid	ND	1,600
bis(2-Chloroethoxy)methane	ND	330
2,4-Dichlorophenol	ND	330
1,2,4-Trichlorobenzene	ND	330
Naphthalene	ND	66
4-Chloroaniline	ND	330
Hexachlorobutadiene	ND	330
4-Chloro-3-methylphenol	ND	330
2-Methylnaphthalene	ND	66
Hexachlorocyclopentadiene	ND	660
2,4,6-Trichlorophenol	ND	330
2,4,5-Trichlorophenol	ND	330
2-Chloronaphthalene	ND	330
2-Nitroaniline	ND	660
Dimethylphthalate	ND	330
Acenaphthylene	ND	66
2,6-Dinitrotoluene	ND	330
3-Nitroaniline	ND	660
Acenaphthene	ND	66
2,4-Dinitrophenol	ND	660
4-Nitrophenol	ND	660
Dibenzofuran	ND	330
2,4-Dinitrotoluene	ND	330
Diethylphthalate	ND	330
Fluorene	ND	66
4-Chlorophenyl-phenylether	ND	330
4-Nitroaniline	ND	660
4,6-Dinitro-2-methylphenol	ND	660
N-Nitrosodiphenylamine	ND	330
Azobenzene	ND	330
4-Bromophenyl-phenylether	ND	330
Hexachlorobenzene	ND	330
Pentachlorophenol	ND	660
Phenanthrene	ND	66
Anthracene	ND	66
Di-n-butylphthalate	ND	330

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC496132	Batch#:	151044
Matrix:	Soil	Prepared:	05/15/09
Units:	ug/Kg	Analyzed:	05/15/09
Basis:	as received		

Analyte	Result	RL
Fluoranthene	ND	66
Pyrene	ND	66
Butylbenzylphthalate	ND	330
3,3'-Dichlorobenzidine	ND	660
Benzo(a)anthracene	ND	66
Chrysene	ND	66
bis(2-Ethylhexyl)phthalate	ND	330
Di-n-octylphthalate	ND	330
Benzo(b)fluoranthene	ND	66
Benzo(k)fluoranthene	ND	66
Benzo(a)pyrene	ND	66
Indeno(1,2,3-cd)pyrene	ND	66
Dibenz(a,h)anthracene	ND	66
Benzo(g,h,i)perylene	ND	66

Surrogate	%REC	Limits
2-Fluorophenol	81	35-120
Phenol-d5	76	37-120
2,4,6-Tribromophenol	56	30-120
Nitrobenzene-d5	77	47-120
2-Fluorobiphenyl	77	52-120
Terphenyl-d14	66	45-120

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC496133	Batch#:	151044
Matrix:	Soil	Prepared:	05/15/09
Units:	ug/Kg	Analyzed:	05/18/09
Basis:	as received		

Analyte	Spiked	Result	%REC	Limits
Phenol	2,632	2,208	84	37-120
2-Chlorophenol	2,632	2,221	84	44-120
1,4-Dichlorobenzene	2,632	1,878	71	51-120
N-Nitroso-di-n-propylamine	2,632	2,018	77	26-120
1,2,4-Trichlorobenzene	2,632	2,001	76	46-120
4-Chloro-3-methylphenol	2,632	2,066	78	48-120
Acenaphthene	987.2	774.1	78	50-120
4-Nitrophenol	2,632	1,820	69	39-120
2,4-Dinitrotoluene	2,632	2,276	86	50-120
Pentachlorophenol	2,632	1,597	61	26-120
Pyrene	987.2	895.0	91	47-120

Surrogate	%REC	Limits
2-Fluorophenol	90	35-120
Phenol-d5	85	37-120
2,4,6-Tribromophenol	79	30-120
Nitrobenzene-d5	85	47-120
2-Fluorobiphenyl	82	52-120
Terphenyl-d14	79	45-120

Curtis & Tompkins, Ltd.

Batch QC Report

Semivolatile Organics by GC/MS

Lab #:	212084	Location:	USPS OAK
Client:	Parsons	Prep:	EPA 3550B
Project#:	746218.39383	Analysis:	EPA 8270C
Field ID:	ZZZZZZZZZZ	Batch#:	151044
MSS Lab ID:	212083-001	Sampled:	05/11/09
Matrix:	Soil	Received:	05/12/09
Units:	ug/Kg	Prepared:	05/15/09
Basis:	as received	Analyzed:	05/18/09
Diln Fac:	5.000		

Type: MS Lab ID: QC496134

Analyte	MSS Result	Spiked	Result	%REC	Limits
Phenol	<298.2	2,660	2,144	81	42-120
2-Chlorophenol	<346.1	2,660	2,265	85	45-120
1,4-Dichlorobenzene	<268.8	2,660	1,908	72	50-120
N-Nitroso-di-n-propylamine	<150.1	2,660	2,079	78	35-120
1,2,4-Trichlorobenzene	<212.0	2,660	2,039	77	47-120
4-Chloro-3-methylphenol	<55.08	2,660	2,040	77	48-120
Acenaphthene	<26.39	997.3	766.9	77	49-120
4-Nitrophenol	<173.9	2,660	1,619	61	36-120
2,4-Dinitrotoluene	<105.0	2,660	2,174	82	48-120
Pentachlorophenol	<829.1	2,660	2,462	93	21-120
Pyrene	<26.28	997.3	846.7	85	40-120

Surrogate	%REC	Limits
2-Fluorophenol	85	35-120
Phenol-d5	81	37-120
2,4,6-Tribromophenol	98	30-120
Nitrobenzene-d5	80	47-120
2-Fluorobiphenyl	84	52-120
Terphenyl-d14	72	45-120

Type: MSD Lab ID: QC496135

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Phenol	2,656	2,121	80	42-120	1	34
2-Chlorophenol	2,656	2,174	82	45-120	4	34
1,4-Dichlorobenzene	2,656	1,869	70	50-120	2	33
N-Nitroso-di-n-propylamine	2,656	2,114	80	35-120	2	41
1,2,4-Trichlorobenzene	2,656	1,948	73	47-120	4	33
4-Chloro-3-methylphenol	2,656	1,965	74	48-120	4	33
Acenaphthene	996.0	745.4	75	49-120	3	32
4-Nitrophenol	2,656	1,594	60	36-120	1	40
2,4-Dinitrotoluene	2,656	2,139	81	48-120	1	33
Pentachlorophenol	2,656	2,298	87	21-120	7	48
Pyrene	996.0	809.4	81	40-120	4	33

Surrogate	%REC	Limits
2-Fluorophenol	82	35-120
Phenol-d5	79	37-120
2,4,6-Tribromophenol	95	30-120
Nitrobenzene-d5	78	47-120
2-Fluorobiphenyl	79	52-120
Terphenyl-d14	69	45-120

RPD= Relative Percent Difference

Z 12084

PAGE 1 OF 1

PARSONS
2121 N. California Blvd., Suite 500
Walnut Creek, California 94596
Phone: (925) 941-3700
FAX: (925) 979-9781

CHAIN OF CUSTODY RECORD

Project No.: 746218.39383

Project Name/Location: USPS Oakland

Project Manager: Wayne Shipman

Sampler(s): (Printed Name and Signature)
Michael Schulman
Kelly Steffen

	Sample ID	Sample Location	Date	Time	Matrix	NO. OF CONTAINERS	TPH g (8015 M) —	TPH d/mo (8015M) —	VOCs (8260) —	SVOCs (8270) —					TURNAROUND TIME	Remarks
1	USPS-EX-BS 9.5-01	Bottom-SE corner	~~1410~~ 1410		S	6	X	X	X	X						Date=5/12
2	USPS-EX-BS 9.5-02	Bottom- Middle North	5/12	1430	S	6	X	X	X	X						
3	USPS-EX-~~ESW~~ 6.0	East Wall 6' bgs	5/12	1445	S	6	X	X	X	X						
4	USPS-Ex-WW 6.5	West Wall	5/12	1455	S	6	X	X	X	X						
5	USPS-Ex-NW 6.0	North Wall	5/12	1505	S	7	X	X	X	X						

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	NOTES:
	5/12/09	5:07	Pat Hanagh	

RELINQUISHED BY: (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY: (SIGNATURE)	DATE	TIME	REMARKS/COMMENTS:

DISTRIBUTION: WHITE: ACCOMPANIES SHIPMENT & RET'N WITH LAB REPORT. CANARY: LAB COPY, PINK: FIELD COPY

COOLER RECEIPT CHECKLIST

Curtis & Tompkins, Ltd.

Login # 212084 Date Received 5/12/09 Number of coolers _____
Client PARSON Project USPS OAKLAND

Date Opened 5/12/09 By (print) M. VILLAPUDUA (sign) _____
Date Logged in ↓ By (print) ↓ (sign) ↓

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

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

7. Temperature documentation:

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

☑ Samples Received on ice & cold without a temperature blank

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

8. Were Method 5035 sampling containers present? _____ (YES) NO
   If YES, what time were they transferred to freezer? 1730
9. Did all bottles arrive unbroken/unopened? _____ (YES) NO
10. Are samples in the appropriate containers for indicated tests? _____ (YES) NO
11. Are sample labels present, in good condition and complete? _____ (YES) NO
12. Do the sample labels agree with custody papers? _____ (YES) NO
13. Was sufficient amount of sample sent for tests requested? _____ (YES) NO
14. Are the samples appropriately preserved? _____ YES NO (N/A)
15. Are bubbles > 6mm absent in VOA samples? _____ YES NO (N/A)
16. Was the client contacted concerning this sample delivery? _____ YES (NO)
   If YES, Who was called? _____ By _____ Date: _____

COMMENTS

_____
_____
_____
_____
_____
_____
_____
_____