



Environmental Division

05-Mar-09

Elizabeth Burns
Encintos Ranch
3684 FM 755
Encino, TX 78353

Tel: (361) 568-3429
Fax:

Re: TB #2

Work Order : **0902615**

Dear Elizabeth,

ALS Laboratory Group received 1 sample on 2/24/2009 03:15 PM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by ALS Laboratory Group and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by ALS Laboratory Group. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 24.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Electronically approved by: Glenda H. Ramos

Ed B. Fry
Project Manager



Certificate No: T104704231-08-TX

Client: Encintos Ranch
Project: TB #2
Work Order: 0902615

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0902615-01	TB #2	Soil		2/20/2009	2/24/2009 15:15	<input type="checkbox"/>

Client: Encintos Ranch

Project: TB #2

Work Order: 0902615

Case Narrative

Batch R73920, Volatile Organics, Sample TB#2 : MS/MSD recoveries were below control limits for several compounds. The MS/MSD RPDs were above control limits for some compounds.

ALS Laboratory Group

Date: 05-Mar-09

Client: Encintos Ranch
 Project: TB #2
 Sample ID: TB #2
 Collection Date: 2/20/2009

Work Order: 0902615
 Lab ID: 0902615-01
 Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY			SW7471A		Prep Date: 3/3/2009	Analyst: JCJ
Mercury	ND		14.7	µg/Kg	1	3/3/2009 05:43 PM
METALS			SW6020		Prep Date: 2/25/2009	Analyst: ALR
Arsenic	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
Barium	72.1		4.85	mg/Kg	1	2/26/2009 04:41 AM
Cadmium	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
Chromium	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
Lead	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
Selenium	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
Silver	ND		4.85	mg/Kg	1	2/26/2009 04:41 AM
LOW-LEVEL PAHS			SW8270		Prep Date: 2/27/2009	Analyst: LG
Acenaphthene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Acenaphthylene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Anthracene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Benz(a)anthracene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Benzo(a)pyrene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Benzo(b)fluoranthene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Benzo(g,h,i)perylene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Benzo(k)fluoranthene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Chrysene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Dibenz(a,h)anthracene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Fluoranthene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Fluorene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Indeno(1,2,3-cd)pyrene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Naphthalene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Phenanthrene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
Pyrene	ND		6.6	µg/Kg	1	2/27/2009 05:01 PM
TCL VOLATILES			SW8260			Analyst: DKG
1,1,1-Trichloroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,1,2-Trichlor-1,2,2-trifluoroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,1,2-Trichloroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,1-Dichloroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,1-Dichloroethene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,2,4-Trichlorobenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,2-Dibromo-3-chloropropane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,2-Dibromoethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,2-Dichlorobenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 a - Not accredited

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time
 n - Not offered for accreditation

ALS Laboratory Group

Date: 05-Mar-09

Client: Encintos Ranch
Project: TB #2
Sample ID: TB #2
Collection Date: 2/20/2009

Work Order: 0902615
Lab ID: 0902615-01
Matrix: SOIL

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dichloroethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,2-Dichloropropane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,3-Dichlorobenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
1,4-Dichlorobenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
2-Butanone	ND		10	µg/Kg	1	2/27/2009 03:01 PM
2-Hexanone	ND		10	µg/Kg	1	2/27/2009 03:01 PM
4-Methyl-2-pentanone	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Acetone	ND		25	µg/Kg	1	2/27/2009 03:01 PM
Benzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Bromodichloromethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Bromoform	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Bromomethane	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Carbon disulfide	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Carbon tetrachloride	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Chlorobenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Chloroethane	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Chloroform	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Chloromethane	ND		10	µg/Kg	1	2/27/2009 03:01 PM
cis-1,2-Dichloroethene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
cis-1,3-Dichloropropene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Cyclohexane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Dibromochloromethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Dichlorodifluoromethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Dichloromethane	ND		10	µg/Kg	1	2/27/2009 03:01 PM
Ethylbenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Isopropylbenzene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Methyl acetate	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Methyl tert-butyl ether	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Methylcyclohexane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Styrene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Tetrachloroethene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Toluene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
trans-1,2-Dichloroethene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
trans-1,3-Dichloropropene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Trichloroethene	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Trichlorofluoromethane	ND		5.0	µg/Kg	1	2/27/2009 03:01 PM
Vinyl chloride	ND		2.0	µg/Kg	1	2/27/2009 03:01 PM
Xylenes, Total	ND		15	µg/Kg	1	2/27/2009 03:01 PM

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ALS Laboratory Group

Date: 05-Mar-09

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: 34688 Instrument ID ICPMS03 Method: SW6020

MBLK		Sample ID: MBLKS2-022509-34688				Units: mg/Kg		Analysis Date: 2/26/2009 01:44 AM			
Client ID:		Run ID: ICPMS03_090225A				SeqNo: 1610540		Prep Date: 2/25/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	ND	5.0									
Barium	ND	5.0									
Chromium	ND	5.0									
Lead	ND	5.0									
Selenium	2.171	5.0								J	
Silver	ND	5.0									

LCS		Sample ID: MLCSS2-022509-34688				Units: mg/Kg		Analysis Date: 2/26/2009 01:50 AM			
Client ID:		Run ID: ICPMS03_090225A				SeqNo: 1610541		Prep Date: 2/25/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	53.82	5.0	50	0	108	80-120	0				
Barium	53.88	5.0	50	0	108	80-120	0				
Chromium	53.18	5.0	50	0	106	80-120	0				
Lead	52	5.0	50	0	104	80-120	0				
Selenium	58.32	5.0	50	0	117	80-120	0				
Silver	53.23	5.0	50	0	106	80-120	0				

MS		Sample ID: 0902020-04AMS				Units: mg/Kg		Analysis Date: 2/26/2009 02:14 AM			
Client ID:		Run ID: ICPMS03_090225A				SeqNo: 1610545		Prep Date: 2/25/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Arsenic	47.7	4.7	46.73	2.707	96.3	80-120	0				
Barium	83.16	4.7	46.73	36.24	100	80-120	0				
Chromium	51.81	4.7	46.73	5.995	98	80-120	0				
Lead	50.62	4.7	46.73	6.187	95.1	80-120	0				
Selenium	48.23	4.7	46.73	0.2786	103	80-120	0				
Silver	45.18	4.7	46.73	-0.1958	97.1	80-120	0				

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 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: **34688** Instrument ID **ICPMS03** Method: **SW6020**

MSD Sample ID: **0902020-04AMSD** Units: **mg/Kg** Analysis Date: **2/26/2009 02:20 AM**

Client ID: Run ID: **ICPMS03_090225A** SeqNo: **1610546** Prep Date: **2/25/2009** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	50.83	4.7	46.73	2.707	103	80-120	47.7	6.35	25	
Barium	87.18	4.7	46.73	36.24	109	80-120	83.16	4.72	25	
Chromium	53.51	4.7	46.73	5.995	102	80-120	51.81	3.23	25	
Lead	54.05	4.7	46.73	6.187	102	80-120	50.62	6.55	25	
Selenium	46.99	4.7	46.73	0.2786	100	80-120	48.23	2.61	25	
Silver	47.82	4.7	46.73	-0.1958	103	80-120	45.18	5.69	25	

DUP Sample ID: **0902020-04ADUP** Units: **mg/Kg** Analysis Date: **2/26/2009 02:02 AM**

Client ID: Run ID: **ICPMS03_090225A** SeqNo: **1610543** Prep Date: **2/25/2009** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	2.702	4.7	0	0	0	0-0	2.707	0	25	J
Barium	31.1	4.7	0	0	0	0-0	36.24	15.3	25	
Chromium	5.535	4.7	0	0	0	0-0	5.995	7.99	25	
Lead	5.36	4.7	0	0	0	0-0	6.187	14.3	25	
Selenium	2.148	4.7	0	0	0	0-0	0.2786	0	25	J
Silver	ND	4.7	0	0	0	0-0	-0.1958	0	25	

The following samples were analyzed in this batch:

0902615-01B

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 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 B - Analyte detected in assoc. Method Blank
 U - Analyzed for but not detected
 E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: **34774** Instrument ID **Mercury** Method: **SW7471A**

MBLK		Sample ID: GBLKS2-030309-34774				Units: µg/Kg		Analysis Date: 3/3/2009 05:30 PM		
Client ID:		Run ID: MERCURY_090303A				SeqNo: 1614241		Prep Date: 3/3/2009		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	13								

LCS		Sample ID: GLCSS2-030309-34774				Units: µg/Kg		Analysis Date: 3/3/2009 05:32 PM		
Client ID:		Run ID: MERCURY_090303A				SeqNo: 1614242		Prep Date: 3/3/2009		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	346	13	333.3	0	104	85-115	0			

MS		Sample ID: 0902550-01BMS				Units: µg/Kg		Analysis Date: 3/3/2009 05:39 PM		
Client ID:		Run ID: MERCURY_090303A				SeqNo: 1614245		Prep Date: 3/3/2009		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	375.5	14	359.7	1.597	104	85-115	0			

MSD		Sample ID: 0902550-01BMSD				Units: µg/Kg		Analysis Date: 3/3/2009 05:41 PM		
Client ID:		Run ID: MERCURY_090303A				SeqNo: 1614246		Prep Date: 3/3/2009		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	386.5	15	373.8	1.597	103	85-115	375.5	2.89	20	

DUP		Sample ID: 0902550-01BDUP				Units: µg/Kg		Analysis Date: 3/3/2009 05:37 PM		
Client ID:		Run ID: MERCURY_090303A				SeqNo: 1614244		Prep Date: 3/3/2009		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	2.907	14	0	0	0		1.597	0	20	J

The following samples were analyzed in this batch: 0902615-01B

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 R - RPD outside accepted recovery limits
 P - Dual Column results percent difference > 40%
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 U - Analyzed for but not detected
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Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: 34720 Instrument ID SV-4 Method: SW8270

MBLK Sample ID: SBLKS1-090227-34720 Units: µg/Kg Analysis Date: 2/27/2009 04:47 PM

Client ID: Run ID: SV-4_090227A SeqNo: 1612360 Prep Date: 2/27/2009 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	ND	6.6								
Acenaphthylene	ND	6.6								
Anthracene	ND	6.6								
Benz(a)anthracene	ND	6.6								
Benzo(a)pyrene	ND	6.6								
Benzo(b)fluoranthene	ND	6.6								
Benzo(g,h,i)perylene	ND	6.6								
Benzo(k)fluoranthene	ND	6.6								
Chrysene	ND	6.6								
Dibenz(a,h)anthracene	ND	6.6								
Fluoranthene	ND	6.6								
Fluorene	ND	6.6								
Indeno(1,2,3-cd)pyrene	ND	6.6								
Naphthalene	ND	6.6								
Phenanthrene	ND	6.6								
Pyrene	ND	6.6								
Surr: 2-Fluorobiphenyl	150.8	6.6	166.7	0	90.5	43-125	0			
Surr: 4-Terphenyl-d14	146.6	6.6	166.7	0	87.9	32-125	0			
Surr: Nitrobenzene-d5	141.8	6.6	166.7	0	85.1	37-125	0			

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E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: 34720 Instrument ID SV-4 Method: SW8270

LCS		Sample ID: SLCSS1-090227-34720			Units: µg/Kg			Analysis Date: 2/27/2009 05:09 PM		
Client ID:		Run ID: SV-4_090227A			SeqNo: 1612361		Prep Date: 2/27/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	151.4	6.6	166.7	0	90.8	50-120	0			
Acenaphthylene	155.8	6.6	166.7	0	93.5	50-120	0			
Anthracene	156.1	6.6	166.7	0	93.7	50-123	0			
Benz(a)anthracene	159.5	6.6	166.7	0	95.7	50-131	0			
Benzo(a)pyrene	163.5	6.6	166.7	0	98.1	50-130	0			
Benzo(b)fluoranthene	179.2	6.6	166.7	0	108	50-137	0			
Benzo(g,h,i)perylene	166.7	6.6	166.7	0	100	50-130	0			
Benzo(k)fluoranthene	177.5	6.6	166.7	0	106	50-143	0			
Chrysene	160.6	6.6	166.7	0	96.4	50-130	0			
Dibenz(a,h)anthracene	166.4	6.6	166.7	0	99.8	50-130	0			
Fluoranthene	162.1	6.6	166.7	0	97.2	50-131	0			
Fluorene	154.1	6.6	166.7	0	92.5	50-125	0			
Indeno(1,2,3-cd)pyrene	166.4	6.6	166.7	0	99.9	45-139	0			
Naphthalene	150	6.6	166.7	0	90	50-125	0			
Phenanthrene	155.2	6.6	166.7	0	93.1	50-125	0			
Pyrene	159.2	6.6	166.7	0	95.5	45-130	0			
Surr: 2-Fluorobiphenyl	151.1	6.6	166.7	0	90.7	43-125	0			
Surr: 4-Terphenyl-d14	142.1	6.6	166.7	0	85.3	32-125	0			
Surr: Nitrobenzene-d5	143	6.6	166.7	0	85.8	37-125	0			

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P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: 34720 Instrument ID SV-4 Method: SW8270

MS		Sample ID: 0902615-01BMS			Units: µg/Kg		Analysis Date: 2/27/2009 05:21 PM			
Client ID: TB #2		Run ID: SV-4_090227A			SeqNo: 1612363		Prep Date: 2/27/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	140.3	6.6	166.6	0	84.2	50-120	0			
Acenaphthylene	140.8	6.6	166.6	0	84.5	50-120	0			
Anthracene	142.4	6.6	166.6	0	85.5	50-123	0			
Benz(a)anthracene	171.6	6.6	166.6	0	103	50-131	0			
Benzo(a)pyrene	151.8	6.6	166.6	0	91.2	50-130	0			
Benzo(b)fluoranthene	191.4	6.6	166.6	0	115	50-137	0			
Benzo(g,h,i)perylene	128.7	6.6	166.6	0	77.2	50-130	0			
Benzo(k)fluoranthene	123.4	6.6	166.6	0	74.1	50-143	0			
Chrysene	138.7	6.6	166.6	0	83.3	50-130	0			
Dibenz(a,h)anthracene	144.2	6.6	166.6	0	86.6	50-130	0			
Fluoranthene	175.5	6.6	166.6	0	105	50-131	0			
Fluorene	150.5	6.6	166.6	0	90.4	50-125	0			
Indeno(1,2,3-cd)pyrene	147.1	6.6	166.6	0	88.3	45-139	0			
Naphthalene	132.2	6.6	166.6	0	79.4	50-125	0			
Phenanthrene	157.2	6.6	166.6	0	94.4	50-125	0			
Pyrene	162.3	6.6	166.6	0	97.4	45-130	0			
Surr: 2-Fluorobiphenyl	130.4	6.6	166.6	0	78.3	43-125	0			
Surr: 4-Terphenyl-d14	151	6.6	166.6	0	90.7	32-125	0			
Surr: Nitrobenzene-d5	121.5	6.6	166.6	0	73	37-125	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: 34720 Instrument ID SV-4 Method: SW8270

MSD		Sample ID: 0902615-01BMSD			Units: µg/Kg			Analysis Date: 2/27/2009 05:41 PM		
Client ID: TB #2		Run ID: SV-4_090227A			SeqNo: 1612364		Prep Date: 2/27/2009		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Acenaphthene	144.5	6.6	166.3	0	86.8	50-120	140.3	2.92	30	
Acenaphthylene	142	6.6	166.3	0	85.3	50-120	140.8	0.836	30	
Anthracene	144.2	6.6	166.3	0	86.7	50-123	142.4	1.22	30	
Benz(a)anthracene	163.3	6.6	166.3	0	98.2	50-131	171.6	4.93	30	
Benzo(a)pyrene	151.7	6.6	166.3	0	91.2	50-130	151.8	0.0738	30	
Benzo(b)fluoranthene	177.1	6.6	166.3	0	106	50-137	191.4	7.73	30	
Benzo(g,h,i)perylene	132.7	6.6	166.3	0	79.8	50-130	128.7	3.12	30	
Benzo(k)fluoranthene	152.9	6.6	166.3	0	91.9	50-143	123.4	21.3	30	
Chrysene	145.5	6.6	166.3	0	87.5	50-130	138.7	4.76	30	
Dibenz(a,h)anthracene	139.9	6.6	166.3	0	84.1	50-130	144.2	3.06	30	
Fluoranthene	174.9	6.6	166.3	0	105	50-131	175.5	0.384	30	
Fluorene	148.9	6.6	166.3	0	89.5	50-125	150.5	1.07	30	
Indeno(1,2,3-cd)pyrene	147	6.6	166.3	0	88.4	45-139	147.1	0.0565	30	
Naphthalene	131.3	6.6	166.3	0	78.9	50-125	132.2	0.693	30	
Phenanthrene	152.7	6.6	166.3	0	91.8	50-125	157.2	2.89	30	
Pyrene	158.5	6.6	166.3	0	95.3	45-130	162.3	2.33	30	
Surr: 2-Fluorobiphenyl	135	6.6	166.3	0	81.2	43-125	130.4	3.52	30	
Surr: 4-Terphenyl-d14	148.3	6.6	166.3	0	89.2	32-125	151	1.81	30	
Surr: Nitrobenzene-d5	125.5	6.6	166.3	0	75.4	37-125	121.5	3.21	30	

The following samples were analyzed in this batch: 0902615-01B

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- O - Referenced analyte value is > 4 times amount spiked
- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- P - Dual Column results percent difference > 40%
- B - Analyte detected in assoc. Method Blank
- U - Analyzed for but not detected
- E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: **R73920** Instrument ID **VOA5** Method: **SW8260**

MBLK Sample ID: **VBLKS-022709-R73920** Units: **µg/Kg** Analysis Date: **2/27/2009 01:56 PM**

Client ID: Run ID: **VOA5_090227A** SeqNo: **1612125** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichlor-1,2,2-trifluoroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trichlorobenzene	ND	5.0								
1,2-Dibromo-3-chloropropane	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichlorobenzene	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3-Dichlorobenzene	ND	5.0								
1,4-Dichlorobenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	20								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	10								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	10								
Chloroform	ND	5.0								
Chloromethane	ND	10								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Cyclohexane	ND	5.0								
Dibromochloromethane	ND	5.0								
Dichlorodifluoromethane	ND	5.0								
Dichloromethane	ND	10								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
Methyl acetate	ND	5.0								
Methyl tert-butyl ether	ND	5.0								
Methylcyclohexane	ND	5.0								
Styrene	ND	5.0								

ND - Not Detected at the Reporting Limit

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O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920	Instrument ID VOA5	Method: SW8260					
Tetrachloroethene	ND	5.0					
Toluene	ND	5.0					
trans-1,2-Dichloroethene	ND	5.0					
trans-1,3-Dichloropropene	ND	5.0					
Trichloroethene	ND	5.0					
Trichlorofluoromethane	ND	5.0					
Vinyl chloride	ND	2.0					
Xylenes, Total	ND	15					
<i>Surr: 1,2-Dichloroethane-d4</i>	46.22	0	50	0	92.4	70-128	0
<i>Surr: 4-Bromofluorobenzene</i>	48.18	0	50	0	96.4	73-126	0
<i>Surr: Dibromofluoromethane</i>	48.74	0	50	0	97.5	71-128	0
<i>Surr: Toluene-d8</i>	50.22	0	50	0	100	73-127	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920 Instrument ID VOA5 Method: SW8260

LCS		Sample ID: VLCSS-022709-R73920			Units: µg/Kg			Analysis Date: 2/27/2009 12:51 PM		
Client ID:		Run ID: VOA5_090227A			SeqNo: 1612123		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	47.69	5.0	50	0	95.4	79-124	0			
1,1,2,2-Tetrachloroethane	45.93	5.0	50	0	91.9	75-123	0			
1,1,2-Trichlor-1,2,2-trifluoroethane	54.76	5.0	50	0	110	79-125	0			
1,1,2-Trichloroethane	48.62	5.0	50	0	97.2	79-120	0			
1,1-Dichloroethane	46.93	5.0	50	0	93.9	75-124	0			
1,1-Dichloroethene	47.51	5.0	50	0	95	80-122	0			
1,2,4-Trichlorobenzene	48.45	5.0	50	0	96.9	74-128	0			
1,2-Dibromo-3-chloropropane	46.11	5.0	50	0	92.2	66-129	0			
1,2-Dibromoethane	51.02	5.0	50	0	102	79-120	0			
1,2-Dichlorobenzene	49.52	5.0	50	0	99	79-120	0			
1,2-Dichloroethane	47.2	5.0	50	0	94.4	73-121	0			
1,2-Dichloropropane	48.02	5.0	50	0	96	76-120	0			
1,3-Dichlorobenzene	49.42	5.0	50	0	98.8	79-120	0			
1,4-Dichlorobenzene	49.61	5.0	50	0	99.2	77-120	0			
2-Butanone	85.28	10	100	0	85.3	65-130	0			
2-Hexanone	93.88	10	100	0	93.9	65-133	0			
4-Methyl-2-pentanone	90.78	10	100	0	90.8	69-130	0			
Acetone	62.91	20	100	0	62.9	53-142	0			
Benzene	49.14	5.0	50	0	98.3	79-120	0			
Bromodichloromethane	48.26	5.0	50	0	96.5	79-121	0			
Bromoform	51.07	5.0	50	0	102	74-122	0			
Bromomethane	43.31	10	50	0	86.6	68-131	0			
Carbon disulfide	95.88	10	100	0	95.9	80-124	0			
Carbon tetrachloride	49.28	5.0	50	0	98.6	74-126	0			
Chlorobenzene	51.51	5.0	50	0	103	79-120	0			
Chloroethane	48.99	10	50	0	98	76-126	0			
Chloroform	47.95	5.0	50	0	95.9	78-120	0			
Chloromethane	43.03	10	50	0	86.1	69-129	0			
cis-1,2-Dichloroethene	47.8	5.0	50	0	95.6	80-120	0			
cis-1,3-Dichloropropene	47.93	5.0	50	0	95.9	77-123	0			
Cyclohexane	48.95	5.0	50	0	97.9	74-126	0			
Dibromochloromethane	51.07	5.0	50	0	102	78-122	0			
Dichlorodifluoromethane	47.14	5.0	50	0	94.3	57-140	0			
Dichloromethane	56.41	10	50	0	113	70-123	0			
Ethylbenzene	50.86	5.0	50	0	102	80-122	0			
Isopropylbenzene	49.99	5.0	50	0	100	72-127	0			
Methyl acetate	42.3	5.0	50	0	84.6	69-123	0			
Methyl tert-butyl ether	46.8	5.0	50	0	93.6	76-121	0			
Methylcyclohexane	55.11	5.0	50	0	110	77-126	0			
Styrene	50.84	5.0	50	0	102	78-124	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
Work Order: 0902615
Project: TB #2

QC BATCH REPORT

Batch ID: R73920	Instrument ID VOA5	Method: SW8260						
Tetrachloroethene	51.71	5.0	50	0	103	80-121	0	
Toluene	49.37	5.0	50	0	98.7	79-120	0	
trans-1,2-Dichloroethene	47.31	5.0	50	0	94.6	79-122	0	
trans-1,3-Dichloropropene	47.83	5.0	50	0	95.7	77-120	0	
Trichloroethene	51.67	5.0	50	0	103	80-121	0	
Trichlorofluoromethane	49.5	5.0	50	0	99	75-126	0	
Vinyl chloride	47.2	2.0	50	0	94.4	76-126	0	
Xylenes, Total	150.8	15	150	0	101	80-120	0	
<i>Surr: 1,2-Dichloroethane-d4</i>	45.59	0	50	0	91.2	70-128	0	
<i>Surr: 4-Bromofluorobenzene</i>	48.76	0	50	0	97.5	73-126	0	
<i>Surr: Dibromofluoromethane</i>	47.77	0	50	0	95.5	71-128	0	
<i>Surr: Toluene-d8</i>	49.67	0	50	0	99.3	73-127	0	

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P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920 Instrument ID VOA5 Method: SW8260

LCSD	Sample ID: VLCSDS-022709-R73920	Units: µg/Kg					Analysis Date: 2/27/2009 01:13 PM				
Client ID:	Run ID: VOA5_090227A	SeqNo: 1612124			Prep Date:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
1,1,1-Trichloroethane	50.53	5.0	50	0	101	79-124	47.69	5.79	30		
1,1,2,2-Tetrachloroethane	47.73	5.0	50	0	95.5	75-123	45.93	3.83	30		
1,1,2-Trichlor-1,2,2-trifluoroethane	57.07	5.0	50	0	114	79-125	54.76	4.15	30		
1,1,2-Trichloroethane	50.14	5.0	50	0	100	79-120	48.62	3.08	30		
1,1-Dichloroethane	49.54	5.0	50	0	99.1	75-124	46.93	5.42	30		
1,1-Dichloroethene	51.25	5.0	50	0	103	80-122	47.51	7.59	30		
1,2,4-Trichlorobenzene	53.83	5.0	50	0	108	74-128	48.45	10.5	30		
1,2-Dibromo-3-chloropropane	48.27	5.0	50	0	96.5	66-129	46.11	4.57	30		
1,2-Dibromoethane	52.17	5.0	50	0	104	79-120	51.02	2.24	30		
1,2-Dichlorobenzene	52.74	5.0	50	0	105	79-120	49.52	6.29	30		
1,2-Dichloroethane	49.15	5.0	50	0	98.3	73-121	47.2	4.05	30		
1,2-Dichloropropane	48.24	5.0	50	0	96.5	76-120	48.02	0.461	30		
1,3-Dichlorobenzene	51.95	5.0	50	0	104	79-120	49.42	4.98	30		
1,4-Dichlorobenzene	52.69	5.0	50	0	105	77-120	49.61	6.02	30		
2-Butanone	88.95	10	100	0	88.9	65-130	85.28	4.21	30		
2-Hexanone	93.83	10	100	0	93.8	65-133	93.88	0.0557	30		
4-Methyl-2-pentanone	92.47	10	100	0	92.5	69-130	90.78	1.84	30		
Acetone	69.83	20	100	0	69.8	53-142	62.91	10.4	30		
Benzene	50.27	5.0	50	0	101	79-120	49.14	2.28	30		
Bromodichloromethane	49.88	5.0	50	0	99.8	79-121	48.26	3.31	30		
Bromoform	52.07	5.0	50	0	104	74-122	51.07	1.92	30		
Bromomethane	42.66	10	50	0	85.3	68-131	43.31	1.52	30		
Carbon disulfide	99.68	10	100	0	99.7	80-124	95.88	3.88	30		
Carbon tetrachloride	51.38	5.0	50	0	103	74-126	49.28	4.16	30		
Chlorobenzene	52.4	5.0	50	0	105	79-120	51.51	1.72	30		
Chloroethane	51.41	10	50	0	103	76-126	48.99	4.81	30		
Chloroform	51.06	5.0	50	0	102	78-120	47.95	6.28	30		
Chloromethane	44.37	10	50	0	88.7	69-129	43.03	3.06	30		
cis-1,2-Dichloroethene	51.05	5.0	50	0	102	80-120	47.8	6.57	30		
cis-1,3-Dichloropropene	49.97	5.0	50	0	99.9	77-123	47.93	4.15	30		
Cyclohexane	50.42	5.0	50	0	101	74-126	48.95	2.95	30		
Dibromochloromethane	53.19	5.0	50	0	106	78-122	51.07	4.08	30		
Dichlorodifluoromethane	48.31	5.0	50	0	96.6	57-140	47.14	2.46	30		
Dichloromethane	59.16	10	50	0	118	70-123	56.41	4.75	30		
Ethylbenzene	51.33	5.0	50	0	103	80-122	50.86	0.932	30		
Isopropylbenzene	51.41	5.0	50	0	103	72-127	49.99	2.78	30		
Methyl acetate	44.51	5.0	50	0	89	69-123	42.3	5.09	30		
Methyl tert-butyl ether	49.7	5.0	50	0	99.4	76-121	46.8	6.02	30		
Methylcyclohexane	56.41	5.0	50	0	113	77-126	55.11	2.33	30		
Styrene	52.01	5.0	50	0	104	78-124	50.84	2.27	30		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920	Instrument ID VOA5	Method: SW8260								
Tetrachloroethene	52.72	5.0	50	0	105	80-121	51.71	1.92	30	
Toluene	50.59	5.0	50	0	101	79-120	49.37	2.44	30	
trans-1,2-Dichloroethene	49.25	5.0	50	0	98.5	79-122	47.31	4.02	30	
trans-1,3-Dichloropropene	49.63	5.0	50	0	99.3	77-120	47.83	3.7	30	
Trichloroethene	52.25	5.0	50	0	104	80-121	51.67	1.11	30	
Trichlorofluoromethane	53.43	5.0	50	0	107	75-126	49.5	7.65	30	
Vinyl chloride	48.58	2.0	50	0	97.2	76-126	47.2	2.9	30	
Xylenes, Total	154.3	15	150	0	103	80-120	150.8	2.31	30	
<i>Surr: 1,2-Dichloroethane-d4</i>	46.18	0	50	0	92.4	70-128	45.59	1.29	30	
<i>Surr: 4-Bromofluorobenzene</i>	48.83	0	50	0	97.7	73-126	48.76	0.151	30	
<i>Surr: Dibromofluoromethane</i>	50.35	0	50	0	101	71-128	47.77	5.26	30	
<i>Surr: Toluene-d8</i>	49.61	0	50	0	99.2	73-127	49.67	0.11	30	

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P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920 Instrument ID VOA5 Method: SW8260

MS Sample ID: 0902615-01AMS Units: µg/Kg Analysis Date: 2/27/2009 04:06 PM

Client ID: TB #2 Run ID: VOA5_090227A SeqNo: 1612303 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.32	5.0	50	0	86.6	79-124	0			
1,1,2,2-Tetrachloroethane	166	5.0	50	0	332	75-123	0			S
1,1,2-Trichlor-1,2,2-trifluoroethane	44.57	5.0	50	0	89.1	79-125	0			
1,1,2-Trichloroethane	47.64	5.0	50	0	95.3	79-120	0			
1,1-Dichloroethane	43.8	5.0	50	0	87.6	75-124	0			
1,1-Dichloroethene	44.89	5.0	50	0	89.8	80-122	0			
1,2,4-Trichlorobenzene	8.1	5.0	50	0	16.2	74-128	0			S
1,2-Dibromo-3-chloropropane	52.59	5.0	50	0	105	66-129	0			
1,2-Dibromoethane	49.7	5.0	50	0	99.4	79-120	0			
1,2-Dichlorobenzene	30.22	5.0	50	0	60.4	79-120	0			S
1,2-Dichloroethane	43.06	5.0	50	0	86.1	73-121	0			
1,2-Dichloropropane	39.46	5.0	50	0	78.9	76-120	0			
1,3-Dichlorobenzene	31.58	5.0	50	0	63.2	79-120	0			S
1,4-Dichlorobenzene	32.33	5.0	50	0	64.7	77-120	0			S
2-Butanone	81.84	10	100	0	81.8	65-130	0			
2-Hexanone	58.4	10	100	0	58.4	65-133	0			S
4-Methyl-2-pentanone	200.3	10	100	0	200	69-130	0			S
Acetone	75.99	20	100	0	76	53-142	0			
Benzene	40.8	5.0	50	0	81.6	79-120	0			
Bromodichloromethane	40.87	5.0	50	0	81.7	79-121	0			
Bromoform	43.43	5.0	50	0	86.9	74-122	0			
Bromomethane	42.3	10	50	0	84.6	68-131	0			
Carbon disulfide	87.79	10	100	0	87.8	80-124	0			
Carbon tetrachloride	41.75	5.0	50	0	83.5	74-126	0			
Chlorobenzene	43.25	5.0	50	0	86.5	79-120	0			
Chloroethane	46.74	10	50	0	93.5	76-126	0			
Chloroform	43.87	5.0	50	0	87.7	78-120	0			
Chloromethane	40.46	10	50	0	80.9	69-129	0			
cis-1,2-Dichloroethene	44.81	5.0	50	0	89.6	80-120	0			
cis-1,3-Dichloropropene	39.94	5.0	50	0	79.9	77-123	0			
Cyclohexane	36.73	5.0	50	0	73.5	74-126	0			S
Dibromochloromethane	47.27	5.0	50	0	94.5	78-122	0			
Dichlorodifluoromethane	44.4	5.0	50	0	88.8	57-140	0			
Dichloromethane	52.52	10	50	4.751	95.5	70-123	0			
Ethylbenzene	42.29	5.0	50	1.314	82	80-122	0			
Isopropylbenzene	33.47	5.0	50	0	66.9	72-127	0			S
Methyl acetate	13.98	5.0	50	0	28	69-123	0			S
Methyl tert-butyl ether	43.29	5.0	50	0	86.6	76-121	0			
Methylcyclohexane	32.87	5.0	50	0	65.7	77-126	0			S
Styrene	39.64	5.0	50	0	79.3	78-124	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

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E - Value above quantitation range

Client: Encintos Ranch
Work Order: 0902615
Project: TB #2

QC BATCH REPORT

Batch ID: R73920	Instrument ID VOA5	Method: SW8260						
Tetrachloroethene	43.16	5.0	50	0	86.3	80-121	0	
Toluene	45.4	5.0	50	0	90.8	79-120	0	
trans-1,2-Dichloroethene	45.13	5.0	50	0	90.3	79-122	0	
trans-1,3-Dichloropropene	39.21	5.0	50	0	78.4	77-120	0	
Trichloroethene	43.59	5.0	50	0	87.2	80-121	0	
Trichlorofluoromethane	45.53	5.0	50	0	91.1	75-126	0	
Vinyl chloride	45.25	2.0	50	0	90.5	76-126	0	
Xylenes, Total	118.6	15	150	1.585	78	80-120	0	S
<i>Surr: 1,2-Dichloroethane-d4</i>	46.07	0	50	0	92.1	70-128	0	
<i>Surr: 4-Bromofluorobenzene</i>	40.01	0	50	0	80	73-126	0	
<i>Surr: Dibromofluoromethane</i>	49.72	0	50	0	99.4	71-128	0	
<i>Surr: Toluene-d8</i>	54.72	0	50	0	109	73-127	0	

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Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920 Instrument ID VOA5 Method: SW8260

MSD		Sample ID: 0902615-01AMSD			Units: µg/Kg			Analysis Date: 2/27/2009 04:28 PM		
Client ID: TB #2		Run ID: VOA5_090227A			SeqNo: 1612304		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	45.21	5.0	50	0	90.4	79-124	43.32	4.27	30	
1,1,2,2-Tetrachloroethane	221.4	5.0	50	0	443	75-123	166	28.6	30	SE
1,1,2-Trichlor-1,2,2-trifluoroethane	47.6	5.0	50	0	95.2	79-125	44.57	6.58	30	
1,1,2-Trichloroethane	51.67	5.0	50	0	103	79-120	47.64	8.12	30	
1,1-Dichloroethane	45.67	5.0	50	0	91.3	75-124	43.8	4.17	30	
1,1-Dichloroethene	48.15	5.0	50	0	96.3	80-122	44.89	7.01	30	
1,2,4-Trichlorobenzene	7.321	5.0	50	0	14.6	74-128	8.1	10.1	30	S
1,2-Dibromo-3-chloropropane	40.01	5.0	50	0	80	66-129	52.59	27.2	30	
1,2-Dibromoethane	52.98	5.0	50	0	106	79-120	49.7	6.39	30	
1,2-Dichlorobenzene	20.17	5.0	50	0	40.3	79-120	30.22	39.9	30	SR
1,2-Dichloroethane	42.98	5.0	50	0	86	73-121	43.06	0.179	30	
1,2-Dichloropropane	42.02	5.0	50	0	84	76-120	39.46	6.29	30	
1,3-Dichlorobenzene	21.75	5.0	50	0	43.5	79-120	31.58	36.9	30	SR
1,4-Dichlorobenzene	21.9	5.0	50	0	43.8	77-120	32.33	38.5	30	SR
2-Butanone	80.38	10	100	0	80.4	65-130	81.84	1.8	30	
2-Hexanone	83.97	10	100	0	84	65-133	58.4	35.9	30	R
4-Methyl-2-pentanone	155	10	100	0	155	69-130	200.3	25.5	30	S
Acetone	73.1	20	100	0	73.1	53-142	75.99	3.88	30	
Benzene	42.62	5.0	50	0	85.2	79-120	40.8	4.36	30	
Bromodichloromethane	41.17	5.0	50	0	82.3	79-121	40.87	0.725	30	
Bromoform	43.74	5.0	50	0	87.5	74-122	43.43	0.716	30	
Bromomethane	42.94	10	50	0	85.9	68-131	42.3	1.51	30	
Carbon disulfide	94.83	10	100	0	94.8	80-124	87.79	7.71	30	
Carbon tetrachloride	44.73	5.0	50	0	89.5	74-126	41.75	6.89	30	
Chlorobenzene	44.59	5.0	50	0	89.2	79-120	43.25	3.03	30	
Chloroethane	47	10	50	0	94	76-126	46.74	0.546	30	
Chloroform	45.48	5.0	50	0	91	78-120	43.87	3.62	30	
Chloromethane	42.78	10	50	0	85.6	69-129	40.46	5.56	30	
cis-1,2-Dichloroethene	46.62	5.0	50	0	93.2	80-120	44.81	3.94	30	
cis-1,3-Dichloropropene	40.68	5.0	50	0	81.4	77-123	39.94	1.82	30	
Cyclohexane	37.5	5.0	50	0	75	74-126	36.73	2.09	30	
Dibromochloromethane	51.29	5.0	50	0	103	78-122	47.27	8.16	30	
Dichlorodifluoromethane	47.33	5.0	50	0	94.7	57-140	44.4	6.39	30	
Dichloromethane	48.95	10	50	4.751	88.4	70-123	52.52	7.03	30	
Ethylbenzene	41.51	5.0	50	1.314	80.4	80-122	42.29	1.86	30	
Isopropylbenzene	30.92	5.0	50	0	61.8	72-127	33.47	7.93	30	S
Methyl acetate	28.95	5.0	50	0	57.9	69-123	13.98	69.7	30	SR
Methyl tert-butyl ether	42.3	5.0	50	0	84.6	76-121	43.29	2.31	30	
Methylcyclohexane	33.9	5.0	50	0	67.8	77-126	32.87	3.07	30	S
Styrene	37.53	5.0	50	0	75.1	78-124	39.64	5.48	30	S

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Client: Encintos Ranch
 Work Order: 0902615
 Project: TB #2

QC BATCH REPORT

Batch ID: R73920	Instrument ID VOA5			Method: SW8260						
Tetrachloroethene	45.18	5.0	50	0	90.4	80-121	43.16	4.58	30	
Toluene	49.98	5.0	50	0	100	79-120	45.4	9.61	30	
trans-1,2-Dichloroethene	46.98	5.0	50	0	94	79-122	45.13	4.01	30	
trans-1,3-Dichloropropene	38.94	5.0	50	0	77.9	77-120	39.21	0.687	30	
Trichloroethene	45.05	5.0	50	0	90.1	80-121	43.59	3.3	30	
Trichlorofluoromethane	49.53	5.0	50	0	99.1	75-126	45.53	8.43	30	
Vinyl chloride	46.44	2.0	50	0	92.9	76-126	45.25	2.6	30	
Xylenes, Total	113.5	15	150	1.585	74.6	80-120	118.6	4.38	30	S
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>47.41</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>94.8</i>	<i>70-128</i>	<i>46.07</i>	<i>2.86</i>	<i>30</i>	
<i>Surr: 4-Bromofluorobenzene</i>	<i>38.42</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>76.8</i>	<i>73-126</i>	<i>40.01</i>	<i>4.08</i>	<i>30</i>	
<i>Surr: Dibromofluoromethane</i>	<i>49.88</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>99.8</i>	<i>71-128</i>	<i>49.72</i>	<i>0.312</i>	<i>30</i>	
<i>Surr: Toluene-d8</i>	<i>57.09</i>	<i>0</i>	<i>50</i>	<i>0</i>	<i>114</i>	<i>73-127</i>	<i>54.72</i>	<i>4.23</i>	<i>30</i>	

The following samples were analyzed in this batch:

0902615-01A

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Ed Fry

From: Elizabeth Burns [toddyburns@me.com]
Sent: Monday, February 23, 2009 8:51 PM
To: Ed Fry
Subject: the samples

Ed,
I mailed in some samples for mercury and polynucleic aromatics -- I want to add metals and that VOC grouping we usually do. I forget what it is called.
Thanks,
Toddy Burns

This email has been scanned through the CBL Domain

ALS Laboratory Group

Sample Receipt Checklist

Client Name: ENCINITOS RANCH

Date/Time Received: 2/24/2009 15:15

Work Order Number 0902615

Received by: RNG

Checklist completed by

[Signature]
Signature

2/24/09
Date

Reviewed by

[Initials]
Initials

2/25/09
Date

Matrix: soils

Carrier name: FedEx

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- 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
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container/Temp Blank temperature in compliance? Yes No
- Temperature(s)/Thermometer(s): Ambient N/A
- Cooler(s)/Kit(s):
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No N/A

Adjusted?

Checked by _____

Login Notes: No COC received.

Client contacted: _____

Date contacted: _____

Person contacted _____

Contacted by: _____

Regarding: _____

Comments: _____

Corrective Action