CHAIN OF CUSTODY

BC LABORATORIES, INC. 4100 Atlas Court - Bakersfield, CA 93308 (805) 327-4911 - FAX (805) 327-1918

Report To: Arcadis
Name: Geraghty + Miller
Address: 1400 N Harbor Ste 300
City: Fullerton
State: CA Zip: 92835
Attn: Teresa Wilson
Phone: (714) 228-0992

Project: 12th/Torrance
Project #: CA0002800000000
Sampler Name: Tim Teeple
Submission #: 99-8335

Lab #	Sample Description	Date & Time Sampled	8260 - VOC's	6010 - Cam 17	8015M TPH-D	7196 - Cr+6	Alkalinity (Total)	Ammonia Nitrogen	415.1 - DOC	Ortho Phosphate	Nitrite/Nitrate	207.7 - Fe, Mn	Sulfate	Chloride				MATRIX (DW - Drinking Water, GW - Ground Water, WW - Waste Water, S - Soil, O - Oil, SL - Sludge, M - Miscellaneous)	Turn Around Time Requested	Number and Container Type
-1	P-20	7-16-99/1020	X	X	X	X	X	X	X	X	X	X	X	X				GW		9 Bottles
-2	EB072699	7-16-99/0900	X	X	X	X	X	X	X	X	X	X	X	X				GW		9 Bottles
-3	P-1	7-16-99/1145	X	X	X	X	X	X	X	X	X	X	X	X				GW		9 Bottles
-4	P-30	7-16-99/1035	X	X	X	X	X	X	X	X	X	X	X	X				GW		9 Bottles
-5TB	Trip blanks	7-16-99/ —																DIW		9 Bottles
																				2 Bottles

NUMBERING CHECKED BY

DISTRIBUTION

Billing Information:
Name: Same as above
Address:
City State Zip
Attention:
PO #

BC Lab. Field Service
Time : Miles:
Equipment: Flat Rate:

Report Drinking Water on State Form ? Y / N
Send Copy to State of Calif. Y / N

Comments: * Please review LTO for specifics.

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Timothy J Teeple	[signature]	7/16/99	1:15
[signature]	[signature]	7-16-99	14:15
[signature]			

Revised 5/97....Sample Disposal by BC Labs may be billed at $5.00 / sample for non-aqueous Samples:

BOE-C6-0102231

BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No.6 | 10/13/98 | Page ___ Of ___

Submission #: 99-8335 | Project Code:

SHIPPING INFORMATION

Federal Express ☐ UPS ☐ Hand Delivery ☐
BC Lab Field Service ☒ Other ☐ (Specify) _____

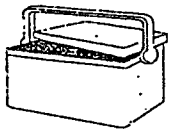
SHIPPING CONTAINER

Ice Chest ☒ None ☐
Box ☐ Other ☐ (Specify) _____

Refrigerant: Ice ☒ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals: Ice Chest ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☒ Comments:

All samples received? Yes ☒ No ☐ All samples containers intact? Yes ☒ No ☐ Description(s) match COC? Yes ☒ No ☐



Ice Chest ID Blue Grn Date/Time 7/16/99 1703
Temperature: 21 °C
Thermometer ID: #48 Analyst Init CFORD
Emissivity .90
Container QHPE

Ice Chest ID _____ Date/Time _____
Temperature: _____ °C
Thermometer ID: _____ Analyst Init _____
Emissivity _____
Container _____

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5 (7B)	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
QT GENERAL MINERAL/ GENERAL PHYSICAL	1	1	1	1																				
PT PE UNPRESERVED																								
QT INORGANIC CHEMICAL METALS	2	2	2	2																				
PT INORGANIC CHEMICAL METALS																								
PT CYANIDE																								
PT NITROGEN FORMS	1	1	1	1																				
PT TOTAL SULFIDE																								
2oz. NITRATE / NITRITE																								
100ml TOTAL ORGANIC CARBON	1	1	1	1																				
QT TOX																								
PT CHEMICAL OXYGEN DEMAND																								
100ml PHENOLICS																								
40ml VOA VIAL TRAVEL BLANK					2																			
40ml VOA VIAL	3	3	3	3																				
QT EPA 413.1, 413.2, 418.1																								
PT ODOR																								
RADIOLOGICAL																								
BACTERIOLOGICAL																								
PT EPA 504																								
QT EPA 508/608/8080																								
QT EPA 515.1/8150																								
QT EPA 525																								
QT EPA 525 TRAVEL BLANK																								
100ml EPA 547																								
100ml EPA 531.1																								
QT EPA 548																								
QT EPA 549																								
QT EPA 632																								
QT EPA 8015M																								
QT QA/QC																								
QT AMBER	1	1	1	1																				
8 OZ. JAR																								
32 OZ. JAR																								
SOIL SLEEVE																								
PCB VIAL																								
PLASTIC BAG																								

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/29/99
Date Received: 07/16/99
Laboratory No.: 99-08335-1

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-20
Sampling Date/Time: 07/16/99 @ 10:20AM
Sample Collected By: TIM TEEPLE

Constituents	Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor	
Sulfate	95.	mg/L	5.0	EPA-300.0	07/23/99	07/23/99	5	
Chloride	667.	mg/L	2.5	EPA-300.0	07/23/99	07/23/99	5	
Nitrate/Nitrite as N	15.	mg/L	1.0	EPA-353.2	07/22/99	07/22/99	10	
Total Alkalinity as CaCO3	358.	mg/L	5.0	EPA-310.1	07/20/99	07/20/99	1	
Ammonia as N	0.05	mg/L	0.02	EPA-350.1	07/26/99	07/26/99	1	*04
Ortho-phosphate	0.17	mg/L	0.05	EPA-365.1	07/16/99	07/16/99	1	
Dissolved Non-Volatile Organic Carbon	8.1	mg/L	1.0	EPA-415.1	07/22/99	07/22/99	4	

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Flag Explanations:
*04 = Batch matrix spike recoveries were outside QC limits.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

...not a third party interpretation.

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/29/99
Date Received: 07/16/99
Laboratory No.: 99-08335-2

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: EB071699
Sampling Date/Time: 07/16/99 @ 09:00AM
Sample Collected By: TIM TEEPLE

Constituents	Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor	
Sulfate	None Detected	mg/L	1.0	EPA-300.0	07/23/99	07/23/99	1	
Chloride	None Detected	mg/L	0.5	EPA-300.0	07/23/99	07/23/99	1	
Nitrate/Nitrite as N	None Detected	mg/L	0.1	EPA-353.2	07/22/99	07/22/99	1	
Total Alkalinity as CaCO3	None Detected	mg/L	5.0	EPA-310.1	07/20/99	07/20/99	1	
Ammonia as N	None Detected	mg/L	0.02	EPA-350.1	07/26/99	07/26/99	1	*
Ortho-phosphate	None Detected	mg/L	0.05	EPA-365.1	07/16/99	07/16/99	1	
Dissolved Non-Volatile Organic Carbon	2.9	mg/L	1.0	EPA-415.1	07/22/99	07/22/99	1	

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Flag Explanations:
* = Batch matrix spike recoveries were outside QC limits.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

...ibility for report alteration, detachment or third party interpretation.

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-3

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-1
Sampling Date/Time: 07/16/99 @ 11:45AM
Sample Collected By: TIM TEEPLE

Constituents	Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor	
Sulfate	313.	mg/L	1.0	EPA-300.0	07/23/99	07/23/99	1	
Chloride	200.	mg/L	0.5	EPA-300.0	07/23/99	07/23/99	1	
Nitrate/Nitrite as N	14.	mg/L	1.0	EPA-353.2	07/22/99	07/22/99	10	
Total Alkalinity as CaCO3	447.	mg/L	5.0	EPA-310.1	07/20/99	07/20/99	1	
Ammonia as N	None Detected	mg/L	0.02	EPA-350.1	07/26/99	07/26/99	1	*
Ortho-phosphate	0.12	mg/L	0.05	EPA-365.1	07/16/99	07/16/99	1	
Dissolved Non-Volatile Organic Carbon	8.1	mg/L	1.0	EPA-415.1	07/22/99	07/22/99	1	

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Flag Explanations:
* = Batch matrix spike recoveries were outside QC limits.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

BC Laboratories, Inc.

WATER ANALYSIS
(GENERAL CHEMISTRY)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/29/99
Date Received: 07/16/99
Laboratory No.: 99-08335-4

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-30
Sampling Date/Time: 07/16/99 @ 10:35AM
Sample Collected By: TIM TEEPLE

Constituents	Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor	
Sulfate	105.	mg/L	2.0	EPA-300.0	07/23/99	07/23/99	2	
Chloride	675.	mg/L	1.0	EPA-300.0	07/23/99	07/23/99	2	
Nitrate/Nitrite as N	15.	mg/L	1.0	EPA-353.2	07/22/99	07/22/99	10	
Alkalinity as CaCO3	353.	mg/L	5.0	EPA-310.1	07/20/99	07/20/99	1	
Ammonia as N	0.02	mg/L	0.02	EPA-350.1	07/26/99	07/26/99	1	*
Ortho-phosphate	0.17	mg/L	0.05	EPA-365.1	07/16/99	07/16/99	1	
Dissolved Non-Volatile Organic Carbon	4.4	mg/L	1.0	EPA-415.1	07/22/99	07/22/99	1	

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Flag Explanations:
* = Batch matrix spike recoveries were outside QC limits.

California D.O.H.S. Cert. #1186

Marna Atencio
Department Supervisor

... collection, detachment or third party interpretation.

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-1

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-20
Sampling Date/Time: 07/16/99 @ 10:20AM
Sample Collected By: TIM TEEPLE

Constituents		Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor
Dissolved Aluminum	*10	None Detected	µg/L	100.	EPA-6010	07/16/99	07/28/99	2
Dissolved Antimony		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Barium		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Beryllium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Cadmium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Chromium		21.	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Hexavalent Chromium		25.	µg/L	2.	EPA-7196	07/16/99	07/16/99	1
Dissolved Cobalt		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Copper		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Lead		None Detected	µg/L	5.	EPA-7421	07/16/99	07/19/99	1
Dissolved Manganese		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Mercury	*08	None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Dissolved Molybdenum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Nickel		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Silver		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Titanium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Thallium		None Detected	µg/L	1.	EPA-7841	07/16/99	07/22/99	1
Dissolved Vanadium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Zinc		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Total Aluminum		1640.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Antimony		None Detected	µg/L	100.	EPA-6010	07/21/99	07/23/99	1
Total Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Barium		109.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Beryllium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cadmium		None Detected	µg/L	5.	EPA-6010	07/21/99	07/23/99	1
Total Chromium		26.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cobalt		14.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Copper		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Iron		2350.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Lead		None Detected	µg/L	5.	EPA-7421	07/23/99	07/25/99	1
Total Manganese		53.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Mercury		None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Total Molybdenum		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Nickel		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Silver		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Titanium		112.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Thallium		None Detected	µg/L	5.0	EPA-7841	07/23/99	07/25/99	1
Total Vanadium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Zinc		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-1

Sample Description: CA0002800006000002, ILM/TORRENCE, P-20, 07/16/99 @ 10:20AM, TIM TEEPLE

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Dissolved analysis reported on sample filtered and acidified in the field.

Flag Explanations:
*08 = Matrix spike precision not within established limits, results may be affected.
*10 = Note: PQL's were raised due to matrix interference.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-2

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: EB071699
Sampling Date/Time: 07/16/99 @ 09:00AM
Sample Collected By: TIM TEEPLE

Constituents		Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor
Dissolved Aluminum	*10	None Detected	µg/L	100.	EPA-6010	07/16/99	07/18/99	2
Dissolved Antimony		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Barium		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Beryllium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Cadmium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Chromium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Hexavalent Chromium		None Detected	µg/L	2.	EPA-7196	07/16/99	07/16/99	1
Dissolved Cobalt		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Copper		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Lead		None Detected	µg/L	5.	EPA-7421	07/16/99	07/19/99	1
Dissolved Manganese		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Mercury	*08	None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Dissolved Molybdenum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Nickel		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Selenium		2.5	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Silver		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Titanium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Thallium		None Detected	µg/L	1.	EPA-7841	07/16/99	07/22/99	1
Dissolved Vanadium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Zinc		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Total Aluminum		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Antimony		None Detected	µg/L	100.	EPA-6010	07/21/99	07/23/99	1
Total Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Barium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Beryllium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cadmium		None Detected	µg/L	5.	EPA-6010	07/21/99	07/23/99	1
Total Chromium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cobalt		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Copper		None Detected	µg/L	10.	EPA-6010	07/26/99	07/27/99	1
Total Iron		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Lead		None Detected	µg/L	5.	EPA-7421	07/23/99	07/25/99	1
Total Manganese		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Mercury		None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Total Molybdenum		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Nickel		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Selenium		2.4	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Silver		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Titanium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Thallium		None Detected	µg/L	5.0	EPA-7841	07/23/99	07/25/99	1
Total Vanadium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Zinc		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-2

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: EB071699
Sampling Date/Time: 07/16/99 @ 09:00AM
Sample Collected By: TIM TEEPLE

Constituents		Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor
Dissolved Aluminum	*10	None Detected	µg/L	100.	EPA-6010	07/16/99	07/18/99	2
Dissolved Antimony		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Barium		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Beryllium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Cadmium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Chromium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Hexavalent Chromium		None Detected	µg/L	2.	EPA-7196	07/16/99	07/16/99	1
Dissolved Cobalt		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Copper		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Lead		None Detected	µg/L	5.	EPA-7421	07/16/99	07/19/99	1
Dissolved Manganese		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Mercury	*08	None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Dissolved Molybdenum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Nickel		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Selenium		2.5	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Silver		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Titanium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Thallium		None Detected	µg/L	1.	EPA-7841	07/16/99	07/22/99	1
Dissolved Vanadium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Zinc		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Total Aluminum		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Antimony		None Detected	µg/L	100.	EPA-6010	07/21/99	07/23/99	1
Total Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Barium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Beryllium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cadmium		None Detected	µg/L	5.	EPA-6010	07/21/99	07/23/99	1
Total Chromium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cobalt		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Copper		None Detected	µg/L	10.	EPA-6010	07/26/99	07/27/99	1
Total Iron		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Lead		None Detected	µg/L	5.	EPA-7421	07/23/99	07/25/99	1
Total Manganese		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Mercury		None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Total Molybdenum		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Nickel		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Selenium		2.4	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Silver		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Titanium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Thallium		None Detected	µg/L	5.0	EPA-7841	07/23/99	07/25/99	1
Total Vanadium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Zinc		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-2

Sample Description: CA0002800006000002, ILM/TORRENCE, EB071699, 07/16/99 @ 09:00AM, TIM TEEPLE

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Dissolved analysis reported on sample filtered and acidified in the field.

Flag Explanations:
*08 = Matrix spike precision not within established limits, results may be affected.
*10 = Note: PQL's were raised due to matrix interference.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-3

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-1
Sampling Date/Time: 07/16/99 @ 11:45AM
Sample Collected By: TIM TEEPLE

Constituents		Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor
Dissolved Aluminum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Antimony		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Barium		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Beryllium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Cadmium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Chromium		1070.	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Hexavalent Chromium		1070.	µg/L	40.	EPA-7196	07/16/99	07/16/99	20
Dissolved Cobalt		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Copper		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Lead		None Detected	µg/L	5.	EPA-7421	07/16/99	07/19/99	1
Dissolved Manganese		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Mercury	*08	None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Dissolved Molybdenum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Nickel		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Silver		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Titanium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Thallium		None Detected	µg/L	1.	EPA-7841	07/16/99	07/22/99	1
Dissolved Vanadium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Zinc		12.	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Total Aluminum		1520.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Antimony		None Detected	µg/L	100.	EPA-6010	07/21/99	07/23/99	1
Total Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Barium		99.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Beryllium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cadmium		None Detected	µg/L	5.	EPA-6010	07/21/99	07/23/99	1
Total Chromium		999.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cobalt		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Copper		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Iron		2280.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Lead		None Detected	µg/L	5.	EPA-7421	07/23/99	07/25/99	1
Total Manganese		35.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Mercury		None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Total Molybdenum		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Nickel		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Silver		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Titanium		110.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Thallium		None Detected	µg/L	5.0	EPA-7841	07/23/99	07/25/99	1
Total Vanadium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Zinc		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-3

Sample Description: CA0002800006000002, ILM/TORRENCE, P-1, 07/16/99 @ 11:45AM, TIM TEEPLE

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Dissolved analysis reported on sample filtered and acidified in the field.

Flag Explanations:
*08 = Matrix spike precision not within established limits, results may be affected.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-4

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-30
Sampling Date/Time: 07/16/99 @ 10:35AM
Sample Collected By: TIM TEEPLE

Constituents		Results	Units	P.Q.L.	Method	Date Prepared	Date Analyzed	Dilution Factor
Dissolved Aluminum	*10	None Detected	µg/L	100.	EPA-6010	07/16/99	07/28/99	2
Dissolved Antimony		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Barium		None Detected	µg/L	100.	EPA-6010	07/16/99	07/23/99	1
Dissolved Beryllium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Cadmium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Chromium		22.	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Hexavalent Chromium		27.	µg/L	2.	EPA-7196	07/16/99	07/16/99	1
Dissolved Cobalt		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Copper		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Lead		None Detected	µg/L	5.	EPA-7421	07/16/99	07/19/99	1
Dissolved Manganese		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Mercury	*08	None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Dissolved Molybdenum		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Nickel		None Detected	µg/L	50.	EPA-6010	07/16/99	07/23/99	1
Dissolved Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Dissolved Silver		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Titanium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Thallium		None Detected	µg/L	1.	EPA-7841	07/16/99	07/22/99	1
Dissolved Vanadium		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Dissolved Zinc		None Detected	µg/L	10.	EPA-6010	07/16/99	07/23/99	1
Total Aluminum		1430.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Antimony		None Detected	µg/L	100.	EPA-6010	07/21/99	07/23/99	1
Total Arsenic		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Barium		109.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Beryllium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cadmium		None Detected	µg/L	5.	EPA-6010	07/21/99	07/23/99	1
Total Chromium		26.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Cobalt		13.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Copper		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Iron		2140.	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Lead		None Detected	µg/L	5.	EPA-7421	07/23/99	07/25/99	1
Total Manganese		49.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Mercury		None Detected	µg/L	0.2	EPA-7470	07/22/99	07/23/99	1
Total Molybdenum		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Nickel		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1
Total Selenium		None Detected	µg/L	2.	SM-3114B	07/21/99	07/23/99	1
Total Silver		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Titanium		99.	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Thallium		None Detected	µg/L	5.0	EPA-7841	07/23/99	07/25/99	1
Total Vanadium		None Detected	µg/L	10.	EPA-6010	07/21/99	07/23/99	1
Total Zinc		None Detected	µg/L	50.	EPA-6010	07/21/99	07/23/99	1

BC Laboratories, Inc.

WATER ANALYSIS
(METALS)

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 08/01/99
Date Received: 07/16/99
Laboratory No.: 99-08335-4

Sample Description: CA0002800006000002, ILM/TORRENCE, P-30, 07/16/99 @ 10:35AM, TIM TEEPLE

P.Q.L. = Practical Quantitation Limit (refers to the least amount of analyte quantifiable based on sample size used and analytical technique employed).

Dissolved analysis reported on sample filtered and acidified in the field.

Flag Explanations:
*08 = Matrix spike precision not within established limits, results may be affected.
*10 = Note: PQL's were raised due to matrix interference.

California D.O.H.S. Cert. #1186

Dan Schultz
Laboratory Director

BC Laboratories, Inc.

EPA 8015M
Fuel Identification / Quantitation Summary

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/27/99
Date Received: 07/16/99
Laboratory No.: 99-08335-1

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-20
Sample Matrix: Groundwater
Sample Collected By: TIM TEEPLE

Date Collected: 07/16/99 @ 10:20AM
Date Extracted: 07/19/99
Date Analyzed: 07/22/99
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	Practical Quantitation Limit
Stoddard / White Spirits	None Detected	µg/L	200.
JP 4	None Detected	µg/L	1000.
JP 5	None Detected	µg/L	1000.
JP 6	None Detected	µg/L	1000.
JP 8	None Detected	µg/L	200.
Kerosene / Jet Fuel	None Detected	µg/L	200.
Diesel	None Detected	µg/L	200.
Crude Oil	None Detected	µg/L	1000.
Hydraulic Oil	None Detected	µg/L	1000.
Waste Oil	None Detected	µg/L	1000.
Motor Oil	None Detected	µg/L	1000.
Surrogate % Recovery	101.	%	33-138

METHOD: 8015M DOHS LUFT MANUAL
Boiling Range: 70 - 300 C

Mixtures of hydrocarbons are identified by a boiling point range and a fingerprint. Hydrocarbons that fall within a boiling range but do not exhibit the pattern are quantitated versus the fuel that corresponds with the boiling range, but are qualified with a note.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

BC Laboratories, Inc.

EPA 8015M
Fuel Identification / Quantitation Summary

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/27/99
Date Received: 07/16/99
Laboratory No.: 99-08335-2

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: EB071699
Sample Matrix: Groundwater
Sample Collected By: TIM TEEPLE

Date Collected: 07/16/99 @ 09:00AM
Date Extracted: 07/19/99
Date Analyzed: 07/22/99
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	Practical Quantitation Limit
Stoddard / White Spirits	None Detected	µg/L	200.
JP 4	None Detected	µg/L	1000.
JP 5	None Detected	µg/L	1000.
JP 6	None Detected	µg/L	1000.
JP 8	None Detected	µg/L	200.
Kerosene / Jet Fuel	None Detected	µg/L	200.
Diesel	None Detected	µg/L	200.
Crude Oil	None Detected	µg/L	1000.
Hydraulic Oil	None Detected	µg/L	1000.
Waste Oil	None Detected	µg/L	1000.
Motor Oil	None Detected	µg/L	1000.
Surrogate % Recovery	84.	%	33-138

METHOD: 8015M DOHS LUFT MANUAL
Boiling Range: 70 - 300 C

Mixtures of hydrocarbons are identified by a boiling point range and a fingerprint. Hydrocarbons that fall within a boiling range but do not exhibit the pattern are quantitated versus the fuel that corresponds with the boiling range, but are qualified with a note.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

BC Laboratories, Inc.

EPA 8015M
Fuel Identification / Quantitation Summary

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
Attn: TERESA WILSON 714-278-0992

Date Reported: 07/27/99
Date Received: 07/16/99
Laboratory No.: 99-08335-3

Project Number: CA0002800006000002
Sampling Location: ILM/TORRENCE
Sample ID: P-1
Sample Matrix: Groundwater
Sample Collected By: TIM TEEPLE

Date Collected: 07/16/99 @ 11:45AM
Date Extracted: 07/19/99
Date Analyzed: 07/22/99
Dilution Used: 1

Constituents	Analysis Results	Reporting Units	Practical Quantitation Limit
Stoddard / White Spirits	None Detected	µg/L	200.
JP 4	None Detected	µg/L	1000.
JP 5	None Detected	µg/L	1000.
JP 6	None Detected	µg/L	1000.
JP 8	None Detected	µg/L	200.
Kerosene / Jet Fuel	None Detected	µg/L	200.
Diesel	None Detected	µg/L	200.
Crude Oil	None Detected	µg/L	1000.
Hydraulic Oil	None Detected	µg/L	1000.
Waste Oil	None Detected	µg/L	1000.
Motor Oil	None Detected	µg/L	1000.
Surrogate % Recovery	93.	%	33-138

METHOD: 8015M DOHS LUFT MANUAL
Boiling Range: 70 - 300 C

Mixtures of hydrocarbons are identified by a boiling point range and a fingerprint. Hydrocarbons that fall within a boiling range but do not exhibit the pattern are quantitated versus the fuel that corresponds with the boiling range, but are qualified with a note.

California D.O.H.S. Cert. #1186

Stuart G. Buttram
Department Supervisor

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8260

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
TERESA WILSON

Date of Report: 08/12/99
Sample Matrix: Groundwater

Samples Affected: 99-08271-1 - 99-08271-6, 99-08271-7TB

Constituents	Method Blank Readings	Units
Benzene	< 0.5	µg/L
Bromobenzene	< 0.5	µg/L
Bromochloromethane	< 0.5	µg/L
Bromodichloromethane	< 0.5	µg/L
Bromoform	< 0.5	µg/L
Bromomethane	< 0.5	µg/L
n-Butylbenzene	< 0.5	µg/L
sec-Butylbenzene	< 0.5	µg/L
tert-Butylbenzene	< 0.5	µg/L
Carbon tetrachloride	< 0.5	µg/L
Chlorobenzene	< 0.5	µg/L
Chloroethane	< 0.5	µg/L
2-Chloroethylvinyl ether	<20.	µg/L
Chloroform	< 0.5	µg/L
Chloromethane	< 0.5	µg/L
2-Chlorotoluene	< 0.5	µg/L
4-Chlorotoluene	< 0.5	µg/L
Dibromochloromethane	< 0.5	µg/L
1,2-Dibromo-3-Chloropropane	< 0.5	µg/L
1,2-Dibromoethane	< 0.5	µg/L
Dibromomethane	< 0.5	µg/L
1,2-Dichlorobenzene	< 0.5	µg/L
1,3-Dichlorobenzene	< 0.5	µg/L
1,4-Dichlorobenzene	< 0.5	µg/L
Dichlorodifluoromethane	< 0.5	µg/L
1,1-Dichloroethane	< 0.5	µg/L
1,2-Dichloroethane	< 0.5	µg/L
1,1-Dichloroethene	< 0.5	µg/L
cis-1,2-Dichloroethene	< 0.5	µg/L
trans-1,2-Dichloroethene	< 0.5	µg/L

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8260

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
TERESA WILSON

Date of Report: 08/12/99
Sample Matrix: Groundwater

Samples Affected: 99-08271-1 - 99-08271-6, 99-08271-7TB

Constituents	Method Blank Readings	Units
1,2-Dichloropropane	< 0.5	µg/L
1,3-Dichloropropane	< 0.5	µg/L
2,2-Dichloropropane	< 0.5	µg/L
1,1-Dichloropropene	< 0.5	µg/L
cis-1,3-Dichloropropene	< 0.5	µg/L
trans-1,3-Dichloropropene	< 0.5	µg/L
Ethyl Benzene	< 0.5	µg/L
Hexachlorobutadiene	< 0.5	µg/L
Isopropylbenzene	< 0.5	µg/L
p-Isopropyltoluene	< 0.5	µg/L
Methylene Chloride	< 0.5	µg/L
Naphthalene	< 0.5	µg/L
n-Propylbenzene	< 0.5	µg/L
Styrene	< 0.5	µg/L
1,1,1,2-Tetrachloroethane	< 0.5	µg/L
1,1,2,2-Tetrachloroethane	< 0.5	µg/L
Tetrachloroethene	< 0.5	µg/L
Toluene	< 0.5	µg/L
1,2,3-Trichlorobenzene	< 0.5	µg/L
1,2,4-Trichlorobenzene	< 0.5	µg/L
1,1,1-Trichloroethane	< 0.5	µg/L
1,1,2-Trichloroethane	< 0.5	µg/L
Trichloroethene	< 0.5	µg/L
Trichlorofluoromethane	< 0.5	µg/L
1,2,3-Trichloropropane	< 0.5	µg/L
1,2,4-Trimethylbenzene	< 0.5	µg/L
1,3,5-Trimethylbenzene	< 0.5	µg/L
Vinyl Chloride	< 0.5	µg/L
Total Xylenes	< 1.	µg/L
1,2-Dichloroethane-d4	85.	%

esults listed in this report are for the exclusive use of the submitting party. BC Lab ories, Inc. assumes no responsibility for report alteration

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Instrumental & Blank Parameters)
Method 8260

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
TERESA WILSON

Date of Report: 08/12/99
Sample Matrix: Groundwater

Samples Affected: 99-08271-1 - 99-08271-6, 99-08271-7TB

Constituents	Method Blank Readings	Units
Toluene-d8	99.	%
4-Bromofluorobenzene	96.	%

The surrogate recoveries for the method blank analyzed on 07/22/99 are as follows (results are none detected):
1,2-Dichloroethane-d4 - 77%
Tolunene-d8 - 92%
4-Bromofluorobenzene - 94%

Quality Control Officer

Anthony Bonanno

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, or detachment without written consent.

BC Laboratories, Inc

BC LABORATORIES
QUALITY CONTROL REPORT
(Precision & Accuracy)
Method 8260

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
TERESA WILSON

Date of Report: 08/12/99
Sample Matrix: Groundwater

Samples Affected: 99-08271-1 - 99-08271-6, 99-08271-7TB

Constituents	QC Sample ID	Sample Result	MS Result	MSD Result	MS Spike Level	MSD Spike Level	Units	Spike R.P.D.	Precision Control Limits	MS % Rec	MSD % Rec	Accuracy Control Limits
Benzene	8271-1x25	< 12.5	667.94	646.66	625.00	625.00	µg/L	4.	20	107.	103.	80 - 120
Bromodichloromethane	8271-1x25	< 12.5	566.07	566.76	625.00	625.00	µg/L	0.	20	91.	91.	80 - 120
Chlorobenzene	8271-1x25	< 12.5	669.01	673.05	625.00	625.00	µg/L	1.	20	107.	108.	80 - 120
Chloroethane	8271-1x25	< 12.5	694.86	664.68	625.00	625.00	µg/L	5.	20	111.	106.	80 - 120
1,4-Dichlorobenzene	8271-1x25	< 12.5	636.94	629.49	625.00	625.00	µg/L	1.	20	102.	101.	80 - 120
1,1-Dichloroethane	8271-1x25	< 12.5	653.06	640.07	625.00	625.00	µg/L	2.	20	104.	102.	80 - 120
1,1-Dichloroethene	8271-1x25	12.2	748.81	736.80	625.00	625.00	µg/L	2.	20	118.	116.	80 - 120
Toluene	8271-1x25	< 12.5	648.71	643.73	625.00	625.00	µg/L	1.	20	104.	103.	80 - 120
Trichloroethene	8271-1x25	525.5	1248.24	1236.61	625.00	625.00	µg/L	2.	20	116.	114.	80 - 120
1,2-Dichloroethane-d4	MS/MSD									82.	82.	76 - 114
Toluene-d8	MS/MSD									98.	98.	88 - 110
4-Bromofluorobenzene	MS/MSD									96.	99.	86 - 115

MS = Matrix Spike; MSD = Matrix Spike Duplicate; RPD = Relative Percent Difference

Quality Control Officer

Anthony Sonenno

results listed in this report are for the exclusive use of the submitting party. BC La ories, Inc. assumes no responsibility for report alteration, separation, detachment or d party interpretation

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY21\21JULY08.D Vial: 8
Acq On : 21 Jul 1999 2:14 pm Operator: M. CHAVEZ
Sample : CCV 15 Inst : MS-V4
Misc : 25 UG/L; VO-11-4300 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	pentafluorobenzene	1.000	1.000	0.0	100	-0.01
2		dichlorodifluoromethane	0.470	0.440	6.4	93	-0.01
3	P	chloromethane	0.526	0.457	13.2	93	-0.01
4	C	vinyl chloride	0.516	0.507	1.6	102	0.00
5		bromomethane	0.403	0.327	18.8	79	-0.01
6	M	chloroethane	0.386	0.388	-0.5	103	-0.01
7		trichlorofluoromethane	0.728	0.738	-1.4	101	-0.01
8		1,1,2-trichloro-1,2,2-trifl	0.899	0.960	-6.8	106	-0.01
9	MC	1,1-dichloroethene	0.517	0.536	-3.6	106	-0.01
10		methylene chloride	0.473	0.399	5.4 ~~15.6~~	98	0.00 LR
11		MTBE	0.665	0.553	16.9	87	-0.02
12		trans-1,2-dichloroethene	0.610	0.631	-3.3	104	-0.01
13	MP	1,1-dichloroethane	1.233	1.172	5.0	99	-0.~~02~~
14		2,2-dichloropropane	0.878	0.849	3.4	100	-0.03
15		cis-1,2-dichloroethene	0.589	0.560	5.0	98	-0.01
16	C	chloroform	0.934	0.870	6.9	96	-0.02
17		bromochloromethane	0.170	0.157	7.8	91	-0.02
18		1,1,1-trichloroethane	0.910	0.931	-2.3	105	-0.03
19		1,1-dichloropropene	0.933	0.971	-4.0	106	-0.03
20		carbon tetrachloride	0.680	0.713	-4.8	104	-0.04
21	S	1,2-dichloroethane-d4	0.270	0.222	17.9	86	-0.03
22		1,2-dichloroethane	0.352	0.298	15.5	88	-0.02
23	M	benzene	1.949	1.912	1.9	100	-0.03
24	I	1,4-difluorobenzene	1.000	1.000	0.0	103	-0.02
25	M	trichloroethene	0.394	0.403	-2.4	106	-0.04
26	C	1,2-dichloropropane	0.357	0.321	10.2	94	-0.02
27	M	bromodichloromethane	0.375	0.333	11.2	90	-0.03
28		dibromomethane	0.123	0.107	13.6	90	-0.03
29		2-CEVE	0.104	0.086#	17.5	87	-0.03
30		cis-1,3-dichloropropene	0.373	0.330	11.5	91	-0.04
31	S	toluene-d8	1.022	1.007	1.5	102	-0.04
32	MC	toluene	0.710	0.698	1.7	101	-0.03
33		trans-1,3-dichloropene	0.235	0.200	14.8	86	-0.04
34		1,1,2-trichloroethane	0.125	0.110	12.3	90	-0.04
35		1,3-dichloropropane	0.263	0.223	15.0	89	-0.04
36		tetrachloroethene	0.391	0.414	-5.9	108	-0.03
37		dibromochloromethane	0.177	0.155	12.3	88	-0.03
38		1,2-dibromoethane	0.170	0.150	11.9	89	-0.03
39	I	chlorobenzene-d5	1.000	1.000	0.0	93	-0.03

(#) = Out of Range

BOE-C6-0102253

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY21\21JULY08.D Vial: 8
Acq On : 21 Jul 1999 2:14 pm Operator: M. CHAVEZ
Sample : CCV 15 Inst : MS-V4
Misc : 25 UG/L; VO-11-4300 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	MP	chlorobenzene	3.325	3.437	-3.4	96	-0.03
41		1,1,1,2-tetrachloroethane	1.116	1.147	-2.8	94	-0.02
42	C	ethylbenzene	6.413	7.003	-9.2	101	-0.02
43		m&p-xylene	2.437	2.616	-7.3	100	-0.01
44		o-xylene	4.568	4.724	-3.4	97	-0.02
45		styrene	3.293	3.390	-2.9	94	-0.02
46	P	isopropylbenzene	6.491	7.285	-12.2	103	-0.02
47	P	bromoform	0.518	0.445	26.7 ~~14.0~~	79	0.00 LR
48	P	1,1,2,2-tetrachloroethane	0.803	0.743	7.4	84	-0.02
49	S	4-bromofluorobenzene	2.268	2.138	5.7	90	-0.01
50	P	1,2,3-trichloropropane	0.206	0.189	8.5	83	-0.01
51		n-propylbenzene	7.723	8.700	-12.7	103	-0.01
52		bromobenzene	1.233	1.219	1.2	91	-0.02
53		1,3,5-trimethylbenzene	4.815	5.232	-8.7	101	-0.01
54		2-chlorotoluene	4.579	4.656	-1.7	93	-0.02
55		4-chlorotoluene	5.142	5.227	-1.7	98	-0.02
56		tert-butylbenzene	4.768	5.313	-11.4	103	-0.02
57		1,2,4-trimethylbenzene	4.776	5.000	-4.7	97	-0.02
58		sec-butylbenzene	6.714	7.606	-13.3	105	-0.02
59		4-isopropyltoluene	5.105	5.784	-13.3	104	-0.02
60		1,3-dichlorobenzene	2.332	2.327	0.2	93	-0.02
61	M	1,4-dichlorobenzene	2.251	2.194	2.5	91	-0.02
62		n-butylbenzene	5.162	5.676	-10.0	101	-0.02
63		1,2-dichlorobenzene	1.779	1.727	2.9	89	-0.01
64		1,2-dibromo-3-chloropropane	0.121	0.111	18.0 ~~8.8~~	79	-0.02 LR
65		1,2,4-trichlorobenzene	1.424	1.331	6.5	84	-0.01
66		hexachlorobutadiene	1.119	1.156	-3.3	97	-0.01
67		naphthalene	1.260	1.053	16.4	76	-0.01
68		1,2,3-trichlorobenzene	1.060	0.943	11.0	81	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY21\21JULY26.D Vial: 26
Acq On : 22 Jul 1999 1:05 am Operator: M. CHAVEZ
Sample : CCV 16 Inst : MS-V4
Misc : 25 ML 25 UG/L VO-11-4300 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

CL 7-21-99

		Compound	AvgRF	CCRF		%Dev	Area%	Dev(min)	
1	I	pentafluorobenzene	1.000	1.000		0.0	104	0.00	
2		dichlorodifluoromethane	0.470	0.429		8.7	94	0.00	
3	P	chloromethane	0.526	0.452		14.2	95	0.00	
4	C	vinyl chloride	0.516	0.487		5.5	101	0.00	
5		bromomethane	0.403	0.352		12.5	88	-0.01	
6	M	chloroethane	0.386	0.367		4.9	101	0.00	
7		trichlorofluoromethane	0.728	0.697		4.2	99	0.00	
8		1,1,2-trichloro-1,2,2-trifl	0.899	0.918		-2.1	105	-0.01	
9	MC	1,1-dichloroethene	0.517	0.511		1.3	104	-0.01	
10		methylene chloride	0.473	0.354	15.9	~~25.0#~~	90	-0.01	LR.
11		MTBE	0.665	0.513		22.9#	83	-0.02	
12		trans-1,2-dichloroethene	0.610	0.594		2.6	102	-0.01	
13	MP	1,1-dichloroethane	1.233	1.123		9.0	98	-0.01	
14		2,2-dichloropropane	0.878	0.644		26.6#	78	-0.02	
15		cis-1,2-dichloroethene	0.589	0.525		11.0	95	-0.01	
16	C	chloroform	0.934	0.822		12.0	94	-0.01	
17		bromochloromethane	0.170	0.145		14.9	87	-0.02	
18		1,1,1-trichloroethane	0.910	0.889		2.4	103	-0.01	
19		1,1-dichloropropene	0.933	0.932		0.1	105	-0.01	
20		carbon tetrachloride	0.680	0.684		-0.6	104	-0.02	
21	S	1,2-dichloroethane-d4	0.270	0.207		23.3#	83	-0.02	
22		1,2-dichloroethane	0.352	0.287		18.5	88	-0.03	
23	M	benzene	1.949	1.809		7.2	98	-0.01	
24	I	1,4-difluorobenzene	1.000	1.000		0.0	100	-0.01	
25	M	trichloroethene	0.394	0.455		-15.5	116	-0.03	
26	C	1,2-dichloropropane	0.357	0.330		7.7	94	-0.02	
27	M	bromodichloromethane	0.375	0.341		9.1	90	-0.02	
28		dibromomethane	0.123	0.108		12.4	89	-0.02	
29		2-CEVE	0.104	0.087#		15.9	86	-0.03	
30		cis-1,3-dichloropropene	0.373	0.319		14.5	85	-0.05	
31	S	toluene-d8	1.022	0.999		2.3	99	-0.04	
32	MC	toluene	0.710	0.703		1.0	99	-0.02	
33		trans-1,3-dichloropene	0.235	0.195		16.8	82	-0.03	
34		1,1,2-trichloroethane	0.125	0.111		11.4	89	-0.01	
35		1,3-dichloropropane	0.263	0.227		13.5	88	-0.03	
36		tetrachloroethene	0.391	0.415		-6.1	106	-0.03	
37		dibromochloromethane	0.177	0.154		13.1	85	-0.04	
38		1,2-dibromoethane	0.170	0.149		12.5	86	-0.02	
39	I	chlorobenzene-d5	1.000	1.000		0.0	89	-0.01	

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY21\21JULY26.D Vial: 26
Acq On : 22 Jul 1999 1:05 am Operator: M. CHAVEZ
Sample : CCV 16 Inst : MS-V4
Misc : 25 ML 25 UG/L VO-11-4300 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	
40	MP	chlorobenzene	3.325	3.455	-3.9	93	-0.02	
41		1,1,1,2-tetrachloroethane	1.116	1.151	-3.1	91	-0.02	
42	C	ethylbenzene	6.413	7.238	-12.9	101	-0.01	
43		m&p-xylene	2.437	2.658	-9.0	98	-0.01	
44		o-xylene	4.568	4.933	-8.0	98	-0.02	
45		styrene	3.293	3.501	-6.3	94	-0.01	
46	P	isopropylbenzene	6.491	7.726	-19.0	105	-0.01	
47	P	bromoform	0.518	0.458	24.6# ~~11.6~~	78	0.00	LR
48	P	1,1,2,2-tetrachloroethane	0.803	0.678	15.6	74	-0.01	
49	S	4-bromofluorobenzene	2.268	2.257	0.5	91	-0.01	
50	P	1,2,3-trichloropropane	0.206	0.197	4.5	84	-0.01	
51		n-propylbenzene	7.723	9.257	-19.9	106	-0.01	
52		bromobenzene	1.233	1.278	-3.6	92	-0.01	
53		1,3,5-trimethylbenzene	4.815	5.555	-15.4	103	-0.01	
54		2-chlorotoluene	4.579	4.646	-1.5	89	-0.01	
55		4-chlorotoluene	5.142	5.924	-15.2	107	-0.01	
56		tert-butylbenzene	4.768	5.749	-20.6#	107	-0.01	
57		1,2,4-trimethylbenzene	4.776	5.316	-11.3	99	-0.01	
58		sec-butylbenzene	6.714	8.198	-22.1#	109	-0.01	
59		4-isopropyltoluene	5.105	6.119	-19.9	106	-0.01	
60		1,3-dichlorobenzene	2.332	2.388	-2.4	92	-0.01	
61	M	1,4-dichlorobenzene	2.251	2.297	-2.0	91	-0.01	
62		n-butylbenzene	5.162	5.924	-14.8	101	-0.01	
63		1,2-dichlorobenzene	1.779	1.762	1.0	87	-0.01	
64		1,2-dibromo-3-chloropropane	0.121	0.106	21.4# ~~12.6~~	73	0.00	LR
65		1,2,4-trichlorobenzene	1.424	1.341	5.9	81	-0.01	
66		hexachlorobutadiene	1.119	1.168	-4.4	94	-0.01	
67		naphthalene	1.260	1.090	13.5	76	-0.01	
68		1,2,3-trichlorobenzene	1.060	0.961	9.3	79	-0.01	

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY22\22JULY02.D Vial: 2
Acq On : 22 Jul 1999 12:55 pm Operator: M. CHAVEZ
Sample : CCV 17 Inst : MS-V4
Misc : 25 UG/L; VO-11-4310 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	pentafluorobenzene	1.000	1.000	0.0	93	-0.02
2		dichlorodifluoromethane	0.470	0.462	1.7	91	0.00
3	P	chloromethane	0.526	0.470	10.7	89	-0.02
4	C	vinyl chloride	0.516	0.516	0.0	96	0.00
5		bromomethane	0.403	0.386	4.2	87	-0.02
6	M	chloroethane	0.386	0.389	-0.7	96	0.00
7		trichlorofluoromethane	0.728	0.750	-3.0	95	0.00
8		1,1,2-trichloro-1,2,2-trifl	0.899	0.990	-10.1	102	-0.02
9	MC	1,1-dichloroethene	0.517	0.539	-4.2	99	-0.02
10		methylene chloride	0.473	0.374	11.4 ~~20.9#~~	85	-0.02 LR
11		MTBE	0.665	0.522	21.5#	76	-0.03
12		trans-1,2-dichloroethene	0.610	0.626	-2.6	97	-0.02
13	MP	1,1-dichloroethane	1.233	1.165	5.6	92	-0.05
14		2,2-dichloropropane	0.878	0.890	-1.3	98	-0.03
15		cis-1,2-dichloroethene	0.589	0.549	6.8	89	-0.02
16	C	chloroform	0.934	0.856	8.3	88	-0.03
17		bromochloromethane	0.170	0.149	12.2	80	-0.03
18		1,1,1-trichloroethane	0.910	0.948	-4.2	99	-0.02
19		1,1-dichloropropene	0.933	1.002	-7.3	102	-0.03
20		carbon tetrachloride	0.680	0.725	-6.5	99	-0.03
21	S	1,2-dichloroethane-d4	0.270	0.212	21.3#	77	-0.03
22		1,2-dichloroethane	0.352	0.292	17.1	81	-0.03
23	M	benzene	1.949	1.908	2.1	93	-0.03
24	I	1,4-difluorobenzene	1.000	1.000	0.0	93	-0.03
25	M	trichloroethene	0.394	0.422	-7.3	100	-0.03
26	C	1,2-dichloropropane	0.357	0.330	7.5	87	-0.03
27	M	bromodichloromethane	0.375	0.341	9.0	83	-0.04
28		dibromomethane	0.123	0.105	14.7	80	-0.04
29		2-CEVE	0.104	0.085#	18.1	78	-0.03
30		cis-1,3-dichloropropene	0.373	0.335	10.1	83	-0.06
31	S	toluene-d8	1.022	1.013	0.9	93	-0.04
32	MC	toluene	0.710	0.721	-1.6	94	-0.03
33		trans-1,3-dichloropene	0.235	0.200	14.6	78	-0.04
34		1,1,2-trichloroethane	0.125	0.109	12.5	81	-0.04
35		1,3-dichloropropane	0.263	0.224	14.7	80	-0.03
36		tetrachloroethene	0.391	0.426	-9.0	100	-0.03
37		dibromochloromethane	0.177	0.154	13.0	78	-0.03
38		1,2-dibromoethane	0.170	0.146	14.0	78	-0.03
39	I	chlorobenzene-d5	1.000	1.000	0.0	84	-0.03

(#) = Out of Range

BOE-C6-0102257

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY22\22JULY02.D Vial: 2
Acq On : 22 Jul 1999 12:55 pm Operator: M. CHAVEZ
Sample : CCV 17 Inst : MS-V4
Misc : 25 UG/L; VO-11-4310 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	MP	chlorobenzene	3.325	3.482	-4.7	87	-0.03
41		1,1,1,2-tetrachloroethane	1.116	1.152	-3.3	85	-0.03
42	C	ethylbenzene	6.413	7.290	-13.7	95	-0.03
43		m&p-xylene	2.437	2.697	-10.6	93	-0.03
44		o-xylene	4.568	4.995	-9.4	92	-0.03
45		styrene	3.293	3.498	-6.2	88	-0.02
46	P	isopropylbenzene	6.491	7.886	-21.5#	101	-0.03
47	P	bromoform	0.518	0.454	25.3 ~~12.4~~	72	-0.02 LR
48	P	1,1,2,2-tetrachloroethane	0.803	0.775	3.4	79	-0.03
49	S	4-bromofluorobenzene	2.268	2.222	2.0	84	0.00
50	P	1,2,3-trichloropropane	0.206	0.188	8.9	75	-0.02
51		n-propylbenzene	7.723	9.594	-24.2#	103	-0.02
52		bromobenzene	1.233	1.282	-4.0	87	-0.02
53		1,3,5-trimethylbenzene	4.815	5.655	-17.4	98	-0.02
54		2-chlorotoluene	4.579	4.917	-7.4	88	-0.02
55		4-chlorotoluene	5.142	5.786	-12.5	98	-0.03
56		tert-butylbenzene	4.768	5.870	-23.1#	102	-0.03
57		1,2,4-trimethylbenzene	4.776	5.413	-13.3	95	-0.03
58		sec-butylbenzene	6.714	8.488	-26.4#	105	-0.02
59		4-isopropyltoluene	5.105	6.338	-24.2#	103	-0.02
60		1,3-dichlorobenzene	2.332	2.470	-5.9	89	-0.03
61	M	1,4-dichlorobenzene	2.251	2.332	-3.6	87	-0.03
62		n-butylbenzene	5.162	6.340	-22.8#	101	-0.02
63		1,2-dichlorobenzene	1.779	1.792	-0.7	83	-0.02
64		1,2-dibromo-3-chloropropane	0.121	0.101	24.9 ~~16.5~~	65	0.00 LR
65		1,2,4-trichlorobenzene	1.424	1.377	3.3	78	-0.02
66		hexachlorobutadiene	1.119	1.235	-10.4	93	-0.02
67		naphthalene	1.260	1.067	15.3	69	-0.02
68		1,2,3-trichlorobenzene	1.060	0.952	10.2	74	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

BOE-C6-0102258

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY22\22JULY21.D Vial: 21
Acq On : 23 Jul 1999 12:14 am Operator: M. CHAVEZ
Sample : CCV 18 Inst : MS-V4
Misc : 25 UG/L; Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	pentafluorobenzene	1.000	1.000	0.0	87	0.00
2		dichlorodifluoromethane	0.470	0.453	3.5	83	0.00
3	P	chloromethane	0.526	0.475	9.8	84	0.00
4	C	vinyl chloride	0.516	0.514	0.3	89	0.00
5		bromomethane	0.403	0.373	7.5	78	0.00
6	M	chloroethane	0.386	0.387	-0.1	89	0.00
7		trichlorofluoromethane	0.728	0.757	-4.0	90	0.00
8		1,1,2-trichloro-1,2,2-trifl	0.899	0.970	-7.9	93	0.00
9	MC	1,1-dichloroethene	0.517	0.552	-6.8	94	0.00
10		methylene chloride	0.473	0.361	14.3 ~~23.5#~~	77	0.00 LR
11		MTBE	0.665	0.504	24.3#	69	-0.03
12		trans-1,2-dichloroethene	0.610	0.628	-2.9	90	0.00
13	MP	1,1-dichloroethane	1.233	1.166	5.5	85	-0.02
		2,2-dichloropropane	0.878	0.728	17.1	74	-0.03
		cis-1,2-dichloroethene	0.589	0.542	8.0	82	0.00
16	C	chloroform	0.934	0.855	8.5	82	-0.02
17		bromochloromethane	0.170	0.146	14.4	73	-0.02
18		1,1,1-trichloroethane	0.910	0.968	-6.3	94	-0.02
19		1,1-dichloropropene	0.933	1.014	-8.7	96	-0.03
20		carbon tetrachloride	0.680	0.732	-7.6	93	-0.03
21	S	1,2-dichloroethane-d4	0.270	0.211	21.9#	71	-0.03
22		1,2-dichloroethane	0.352	0.293	16.9	75	-0.03
23	M	benzene	1.949	1.895	2.8	86	-0.02
24	I	1,4-difluorobenzene	1.000	1.000	0.0	88	0.00
25	M	trichloroethene	0.394	0.434	-10.2	97	-0.03
26	C	1,2-dichloropropane	0.357	0.318	11.0	79	-0.03
27	M	bromodichloromethane	0.375	0.332	11.6	77	-0.03
28		dibromomethane	0.123	0.103	16.4	74	-0.02
29		2-CEVE	0.104	0.081#	21.5#	71	-0.03
30		cis-1,3-dichloropropene	0.373	0.315	15.7	74	-0.04
31	S	toluene-d8	1.022	1.016	0.6	88	-0.04
32	MC	toluene	0.710	0.703	1.0	87	-0.03
33		trans-1,3-dichloropene	0.235	0.189	19.5	69	-0.04
34		1,1,2-trichloroethane	0.125	0.105	15.8	74	-0.03
35		1,3-dichloropropane	0.263	0.217	17.3	74	-0.03
36		tetrachloroethene	0.391	0.426	-9.0	95	-0.02
37		dibromochloromethane	0.177	0.147	16.6	71	-0.03
38		1,2-dibromoethane	0.170	0.140	17.8	71	-0.03
39	I	chlorobenzene-d5	1.000	1.000	0.0	76	-0.03

(#) = Out of Range

BOE-C6-0102259

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY22\22JULY21.D Vial: 21
Acq On : 23 Jul 1999 12:14 am Operator: M. CHAVEZ
Sample : CCV 18 Inst : MS-V4
Misc : 25 UG/L; Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
40	MP	chlorobenzene	3.325	3.503	-5.3	79	-0.03
41		1,1,1,2-tetrachloroethane	1.116	1.175	-5.3	78	-0.03
42	C	ethylbenzene	6.413	7.489	-16.8	88	-0.02
43		m&p-xylene	2.437	2.735	-12.2	85	0.00
44		o-xylene	4.568	5.050	-10.6	84	-0.03
45		styrene	3.293	3.515	-6.7	79	-0.02
46	P	isopropylbenzene	6.491	8.343	-28.5#	96	-0.02
47	P	bromoform	0.518	0.477	21.6 ~~8.0#~~	68	0.00 LR
48	P	1,1,2,2-tetrachloroethane	0.803	0.735	8.4	68	-0.02
49	S	4-bromofluorobenzene	2.268	2.336	-3.0	80	-0.02
50	P	1,2,3-trichloropropane	0.206	0.196	5.2	70	-0.02
51		n-propylbenzene	7.723	10.076	-30.5#	97	-0.02
52		bromobenzene	1.233	1.315	-6.6	80	-0.02
53		1,3,5-trimethylbenzene	4.815	5.958	-23.7#	93	0.00
54		2-chlorotoluene	4.579	5.320	-16.2	86	0.00
55		4-chlorotoluene	5.142	5.811	-13.0	88	-0.02
56		tert-butylbenzene	4.768	6.269	-31.5#	99	-0.02
57		1,2,4-trimethylbenzene	4.776	5.768	-20.8#	91	-0.02
58		sec-butylbenzene	6.714	9.145	-36.2#	102	-0.02
59		4-isopropyltoluene	5.105	6.758	-32.4#	99	-0.02
60		1,3-dichlorobenzene	2.332	2.592	-11.2	84	-0.02
61	M	1,4-dichlorobenzene	2.251	2.468	-9.7	83	-0.02
62		n-butylbenzene	5.162	6.812	-32.0#	98	-0.02
63		1,2-dichlorobenzene	1.779	1.889	-6.2	79	-0.02
64		1,2-dibromo-3-chloropropane	0.121	0.107	20.7 ~~11.9#~~	62	0.00 LR
65		1,2,4-trichlorobenzene	1.424	1.438	-0.9	74	0.00
66		hexachlorobutadiene	1.119	1.327	-18.6	90	0.00
67		naphthalene	1.260	1.123	10.9	66	-0.02
68		1,2,3-trichlorobenzene	1.060	1.005	5.2	70	-0.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

BOE-C6-0102260

Response Factor Report MS-V4

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:10:52 1999
Response via : Initial Calibration

Calibration Files
1 =14JULY03.D 2 =14JULY05.D 3 =14JULY14.D
4 =14JULY18.D 5 =14JULY08.D 6 =14JULY09.D

		Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	pentafluorobenzene	----------ISTD----------							
2)		dichlorodifluoromet	0.428	0.511	0.459	0.474	0.494	0.452	0.470	6.39
3)	P	chloromethane	0.600	0.566	0.504	0.492	0.485	0.510	0.526	8.80
4)	C	vinyl chloride	0.541	0.557	0.502	0.499	0.502	0.493	0.516	5.17
5)		bromomethane	0.357	0.426	0.388	0.414	0.407	0.424	0.403	6.57
6)	M	chloroethane	0.387	0.411	0.371	0.379	0.379	0.391	0.386	3.63
7)		trichlorofluorometh	0.676	0.787	0.717	0.733	0.749	0.705	0.728	5.26
8)		1,1,2-trichloro-1,2	0.855	0.938	0.890	0.907	0.924	0.879	0.899	3.37
9)	MC	1,1-dichloroethene	0.506	0.543	0.499	0.507	0.519	0.529	0.517	3.20
10)		methylene chloride		0.720	0.402	0.409	0.406	0.427	0.473	29.29
11)		MTBE	0.697	0.709	0.631	0.638	0.635	0.681	0.665	5.22
12)		trans-1,2-dichloroe	0.603	0.605	0.595	0.605	0.608	0.646	0.610	2.94
13)	MP	1,1-dichloroethane	1.273	1.314	1.174	1.183	1.183	1.271	1.233	4.86
14)		2,2-dichloropropane	0.961	0.945	0.796	0.852	0.839	0.877	0.878	7.27
15)		cis-1,2-dichloroeth	0.573	0.626	0.563	0.574	0.575	0.624	0.589	4.71
16)	C	chloroform	0.917	0.988	0.891	0.908	0.916	0.986	0.934	4.49
17)		bromochloromethane	0.147	0.166	0.171	0.173	0.174	0.190	0.170	8.19
18)		1,1,1-trichloroetha	0.882	0.968	0.878	0.891	0.893	0.948	0.910	4.21
)		1,1-dichloropropene	0.912	0.978	0.895	0.918	0.922	0.973	0.933	3.67
20)		carbon tetrachlorid	0.623	0.691	0.675	0.685	0.692	0.715	0.680	4.52
21)	S	1,2-dichloroethane-	0.275	0.275	0.274	0.258	0.266	0.271	0.270	2.58
22)		1,2-dichloroethane	0.341	0.379	0.339	0.338	0.351	0.365	0.352	4.69
23)	M	benzene	1.944	1.946	1.841	1.909	1.937	2.120	1.949	4.74
24)	I	1,4-difluorobenzene	----------ISTD----------							
25)	M	trichloroethene	0.394	0.408	0.380	0.392	0.390	0.397	0.394	2.34
26)	C	1,2-dichloropropane	0.364	0.373	0.341	0.352	0.351	0.362	0.357	3.23
27)	M	bromodichloromethan	0.332	0.384	0.370	0.379	0.385	0.398	0.375	6.07
28)		dibromomethane	0.119	0.125	0.118	0.122	0.127	0.129	0.123	3.56
29)		2-CEVE	0.105	0.106	0.100	0.101	0.106	0.105	0.104	2.41
30)		cis-1,3-dichloropro	0.357	0.377	0.361	0.374	0.382	0.388	0.373	3.19
31)	S	toluene-d8	1.041	1.031	1.015	1.011	1.015	1.021	1.022	1.15
32)	MC	toluene	0.697	0.756	0.677	0.709	0.699	0.722	0.710	3.79
33)		trans-1,3-dichlorop	0.221	0.235	0.225	0.239	0.243	0.244	0.235	4.08
34)		1,1,2-trichloroetha	0.119	0.128	0.123	0.125	0.126	0.128	0.125	2.75
35)		1,3-dichloropropane	0.265	0.273	0.253	0.259	0.261	0.267	0.263	2.60
36)		tetrachloroethene	0.387	0.406	0.374	0.393	0.390	0.394	0.391	2.69
37)		dibromochloromethan	0.153	0.164	0.173	0.182	0.191	0.199	0.177	9.61
38)		1,2-dibromoethane	0.146	0.171	0.169	0.173	0.178	0.185	0.170	7.79
39)	I	chlorobenzene-d5	----------ISTD----------							
40)	MP	chlorobenzene	3.154	3.308	3.143	3.336	3.404	3.605	3.325	5.16
41)		1,1,1,2-tetrachloro	0.996	1.070	1.059	1.137	1.187	1.244	1.116	8.19
	C	ethylbenzene	6.200	6.355	5.863	6.442	6.602	7.015	6.413	6.04
		m&p-xylene	2.304	2.510	2.193	2.427	2.509	2.680	2.437	7.04
44)		o-xylene	4.562	4.510	4.225	4.526	4.673	4.909	4.568	4.90
45)		styrene	3.020	3.174	3.101	3.343	3.472	3.649	3.293	7.28
46)	P	isopropylbenzene	6.235	6.378	6.005	6.563	6.729	7.033	6.491	5.64
47)	P	bromoform								

48)	P	1,1,2,2-tetrachloro	0.796	0.717	0.753	0.820	0.844	0.884	0.803	7.55	
49)	S	4-bromofluorobenzen	2.282	2.220	2.196	2.214	2.321	2.377	2.268	3.13	
50)	P	1,2,3-trichloroprop	0.196	0.192	0.197	0.211	0.217	0.224	0.206	6.33	
51)		n-propylbenzene	7.275	7.489	7.157	7.822	8.123	8.473	7.723	6.62	
52)		bromobenzene	1.170	1.202	1.154	1.239	1.285	1.351	1.233	6.04	
53)		1,3,5-trimethylbenz	4.565	4.760	4.458	4.826	5.004	5.277	4.815	6.18	
54)		2-chlorotoluene	4.692	4.188	4.034	4.663	4.811	5.085	4.579	8.63	
55)		4-chlorotoluene	5.113	5.255	4.803	4.965	5.202	5.514	5.142	4.78	
56)		tert-butylbenzene	4.550	4.616	4.409	4.806	4.998	5.229	4.768	6.40	
57)		1,2,4-trimethylbenz	4.696	4.620	4.347	4.791	4.978	5.224	4.776	6.33	
58)		sec-butylbenzene	6.383	6.684	6.153	6.747	7.046	7.273	6.714	6.13	
59)		4-isopropyltoluene	4.873	4.825	4.708	5.159	5.422	5.641	5.105	7.23	
60)		1,3-dichlorobenzene	2.271	2.291	2.132	2.320	2.425	2.552	2.332	6.14	
61)	M	1,4-dichlorobenzene	2.236	2.152	2.047	2.247	2.344	2.478	2.251	6.63	
62)		n-butylbenzene	4.982	4.976	4.751	5.246	5.434	5.581	5.162	6.08	
63)		1,2-dichlorobenzene	1.690	1.662	1.672	1.811	1.880	1.961	1.779	6.99	
64)		1,2-dibromo-3-chlor		0.086	0.122	0.131	0.133	0.136	0.121	17.00	LR
65)		1,2,4-trichlorobenz	1.355	1.313	1.302	1.473	1.512	1.591	1.424	8.32	
66)		hexachlorobutadiene	1.256	1.053	1.049	1.113	1.106	1.138	1.119	6.75	
67)		naphthalene	1.175	1.177	1.168	1.288	1.350	1.403	1.260	8.07	
68)		1,2,3-trichlorobenz	1.009	0.968	0.955	1.084	1.142	1.202	1.060	9.38	

(#) = Out of Range

82604.M Wed Jul 14 20:18:11 1999

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\JULY99\JULY14\14JULY22.D Vial: 23
Acq On : 14 Jul 1999 9:54 pm Operator: M. CHAVEZ
Sample : ICV B 25 UG/L Inst : MS-V4
Misc : 25 ML VO-11-4243 Multiplr: 1.00
MS Integration Params: INTP1.P

Method : C:\HPCHEM\1\METHODS\82604.M (RTE Integrator)
Title : EPA 8260\524.2
Last Update : Wed Jul 14 20:17:59 1999
Response via : Multiple Level Calibration

Min. RRF : 0.100 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	
1	I	pentafluorobenzene	1.000	1.000	0.0	104	0.01	
2		dichlorodifluoromethane	0.470	0.575	-22.3#	126	0.00	
3	P	chloromethane	0.526	0.581	-10.4	123	0.00	
4	C	vinyl chloride	0.516	0.586	-13.6	122	0.00	
5		bromomethane	0.403	0.447	-11.1	113	0.00	
6	M	chloroethane	0.386	0.428	-10.9	118	0.00	
7		trichlorofluoromethane	0.728	0.825	-13.3	117	0.00	
8		1,1,2-trichloro-1,2,2-trifl	0.899	0.900	-0.1	103	0.00	
9	MC	1,1-dichloroethene	0.517	0.460	11.1	94	0.00	
10		methylene chloride	0.473	0.377	11.2 ~~10.6~~	96	0.00	LR
11		MTBE	0.665	0.638	4.0	104	0.00	
12		trans-1,2-dichloroethene	0.610	0.563	7.8	97	0.00	
13	MP	1,1-dichloroethane	1.233	1.104	10.4	97	0.00	
14		2,2-dichloropropane	0.878	0.832	5.3	102	0.00	
		cis-1,2-dichloroethene	0.589	0.539	8.4	98	0.00	
16	C	chloroform	0.934	0.882	5.6	101	0.00	
17		bromochloromethane	0.170	0.168	1.3	101	0.00	
18		1,1,1-trichloroethane	0.910	0.852	6.4	100	0.00	
19		1,1-dichloropropene	0.933	0.898	3.7	102	0.00	
20		carbon tetrachloride	0.680	0.664	2.4	101	-0.01	
21	S	1,2-dichloroethane-d4	0.270	0.262	2.8	106	0.00	
22		1,2-dichloroethane	0.352	0.346	1.7	107	0.00	
23	M	benzene	1.949	1.862	4.5	102	0.00	
24	I	1,4-difluorobenzene	1.000	1.000	0.0	103	0.00	
25	M	trichloroethene	0.394	0.389	1.2	102	-0.01	
26	C	1,2-dichloropropane	0.357	0.365	-2.2	107	0.00	
27	M	bromodichloromethane	0.375	0.353	5.8	96	0.00	
28		dibromomethane	0.123	0.122	0.9	103	0.01	
29		2-CEVE	0.104	0.100#	3.7	102	0.00	
30		cis-1,3-dichloropropene	0.373	0.376	-0.9	104	-0.02	
31	S	toluene-d8	1.022	1.011	1.2	103	-0.01	
32	MC	toluene	0.710	0.678	4.4	99	-0.01	
33		trans-1,3-dichloropene	0.235	0.239	-1.8	103	-0.01	
34		1,1,2-trichloroethane	0.125	0.125	-0.1	103	0.00	
35		1,3-dichloropropane	0.263	0.263	-0.0	105	0.00	
36		tetrachloroethene	0.391	0.380	2.8	100	0.00	
37		dibromochloromethane	0.177	0.176	0.4	100	-0.01	
38		1,2-dibromoethane	0.170	0.176	-3.3	105	0.00	
	I	chlorobenzene-d5	1.000	1.000	0.0	102	0.00	
40	MP	chlorobenzene	3.325	3.291	1.0	101	-0.01	
41		1,1,1,2-tetrachloroethane	1.116	1.141	-2.2	103	-0.01	
42	C	ethylbenzene	6.413	6.125	4.5	97	0.00	
43		m&p-xylene	2.437	2.377	2.5	100	0.00	

44		o-xylene	4.568	4.423	3.2	100	0.00	
45		styrene	3.293	3.328	-1.1	102	0.00	
46	P	isopropylbenzene	6.491	6.537	-0.7	102	0.00	
47	P	bromoform	0.518	0.533	12.2	104	0.00	LR
48	P	1,1,2,2-tetrachloroethane	0.803	0.804	-0.2	100	0.00	
49	S	4-bromofluorobenzene	2.268	2.235	1.5	103	0.00	
50	P	1,2,3-trichloropropane	0.206	0.208	-1.0	101	0.00	
51		n-propylbenzene	7.723	7.561	2.1	99	0.00	
52		bromobenzene	1.233	1.218	1.3	101	0.00	
53		1,3,5-trimethylbenzene	4.815	4.712	2.1	100	0.00	
54		2-chlorotoluene	4.579	4.500	1.7	99	0.00	
55		4-chlorotoluene	5.142	4.902	4.7	101	-0.01	
56		tert-butylbenzene	4.768	4.701	1.4	100	-0.01	
57		1,2,4-trimethylbenzene	4.776	4.708	1.4	101	0.00	
58		sec-butylbenzene	6.714	6.960	-3.7	106	0.00	
59		4-isopropyltoluene	5.105	5.009	1.9	99	0.00	
60		1,3-dichlorobenzene	2.332	2.254	3.3	100	0.00	
61	M	1,4-dichlorobenzene	2.251	2.260	-0.4	103	0.00	
62		n-butylbenzene	5.162	5.157	0.1	101	0.00	
63		1,2-dichlorobenzene	1.779	1.769	0.6	100	0.00	
64		1,2-dibromo-3-chloropropane	0.121	0.131	3.1 ~~3.0~~	102	0.00	LR
65		1,2,4-trichlorobenzene	1.424	1.455	-2.2	101	0.00	
66		hexachlorobutadiene	1.119	1.092	2.4	100	0.00	
67		naphthalene	1.260	1.321	-4.8	105	0.00	
68		1,2,3-trichlorobenzene	1.060	1.094	-3.2	103	0.00	

(#) = Out of Range SPCC's out = 0 CCC's out = 0

14JULY18.D 82604.M Wed Jul 14 22:43:51 1999

BC Laboratories, Inc

B C LABORATORIES
QUALITY CONTROL REPORT
(Laboratory Control Sample)
Method 8260

ARCADIS GERAGHTY & MILLER, INC.
1400 N. HARBOR BLVD., SUITE 700
FULLERTON, CA 92835-4127
TERESA WILSON

Date of Report: 08/12/99
Sample Matrix: Groundwater

Samples Affected: 99-08271-1 - 99-08271-6, 99-08271-7TB

Constituents	QC Sample ID	Sample Result	Spike Level	Units	% Rec	Accuracy Control Limits
Benzene	CCV 15	24.53	25.00	µg/L	98.	80 - 120
Bromodichloromethane	CCV 15	22.20	25.00	µg/L	89.	80 - 120
Chlorobenzene	CCV 15	25.84	25.00	µg/L	103.	80 - 120
Chloroethane	CCV 15	25.13	25.00	µg/L	101.	80 - 120
1,4-Dichlorobenzene	CCV 15	24.37	25.00	µg/L	97.	80 - 120
1,1-Dichloroethane	CCV 15	23.76	25.00	µg/L	95.	80 - 120
1,1-Dichloroethene	CCV 15	25.92	25.00	µg/L	104.	80 - 120
Toluene	CCV 15	24.58	25.00	µg/L	98.	80 - 120
Trichloroethene	CCV 15	25.57	25.00	µg/L	102.	80 - 120
1,2-Dichloroethane-d4	CCV 15				82.	76 - 114
Toluene-d8	CCV 15				99.	88 - 110
4-Bromofluorobenzene	CCV 15				94.	86 - 115

Quality Control Officer

Anthony Bonanno

All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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