



# BLAINE TECH SERVICES INC.

885 TIMOTHY DRIVE  
SAN JOSE, CA 95131  
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DATE 4/12/95

Total pages  
including  
cover sheet (13)

TO Jennifer Eberle  
OF Alameda Health Services

FROM Deidre Kerusim

REMARKS: Analytical results for  
Chevron station 9-4816 c  
301 14th St, Oakland per  
Mark Miller's request



|                                  |  |                    |
|----------------------------------|--|--------------------|
| Blaine Technical Services        | Client Proj. ID: Chevron 9-4816, 950328-D1 | Sampled: 03/29/95  |
| 985 Timothy Drive                | Sample Descript: C-1                       | Received: 03/30/95 |
| San Jose, CA 95133               | Matrix: LIQUID                             |                    |
| Attention: Jim Keller            | Analysis Method: 8015Mod/8020              | Analyzed: 04/03/95 |
|                                  | Lab Number: 9503M32-01                     | Reported: 04/05/95 |
| QC Batch Number: GC040395BTEX02A |  |                    |
| Instrument ID: GCHP02            |  |                    |

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 10000                   | 43000                  |
| Benzene               | 100                     | 2100                   |
| Toluene               | 100                     | 3300                   |
| Ethyl Benzene         | 100                     | 880                    |
| Xylenes (Total)       | 100                     | 5200                   |
| Chromatogram Pattern: |                         | Gas                    |

  

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130           | 90         |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210



Suzanne Chin  
Project Manager





|   |   |   |
|---|---|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133<br>Attention: Jim Keller | Client Proj. ID: Chevron 9-4816, 950329-D1<br>Sample Descript: C-2<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-02 | Sampled: 03/29/95<br>Received: 03/30/95<br>Analyzed: 04/04/95<br>Reported: 04/05/95 |
|---|---|---|

QC Batch Number: GC040495BTEX17A  
Instrument ID: GCHP17

Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 10000                   | 77000                  |
| Benzene               | 100                     | 12000                  |
| Toluene               | 100                     | 4100                   |
| Ethyl Benzene         | 100                     | 2000                   |
| Xylenes (Total)       | 100                     | 9500                   |
| Chromatogram Pattern: |                         | gasoline 13000         |
| Unidentified HC       |                         | Gas 13,000             |

  

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130           | 100        |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

Suzanne Chin  
Project Manager





|  |   |   |
|--|---|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: <u>Chayron 9-4816, 950329-D1</u><br>Sample Descript: <u>C-4</u><br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-03 | Sampled: 03/29/95<br>Received: 03/30/95<br>Analyzed: 04/03/95<br>Reported: 04/05/95 |
| Attention: Jim Keller  |   |   |
| QC Batch Number: GC040396BTEX02A                                     |   |   |
| Instrument ID: GCHP02  |   |   |

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 - 130         | 87         |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

  
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**Sequoia Analytical**

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|---|---|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133<br>Attention: Jim Keller | Client Proj. ID: Chevron 9-4816, 950329-D1<br>Sample Descript: C-5<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-04 | Sampled: 03/29/95<br>Received: 03/30/95<br>Analyzed: 04/03/95<br>Reported: 04/05/95 |
|---|---|---|

QC Batch Number: GC040395BTEX02A  
Instrument ID: GCHP02

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 1000                    | 9300                   |
| Benzene               | 10                      | 730                    |
| Toluene               | 10                      | 420                    |
| Ethyl Benzene         | 10                      | 88                     |
| Xylenes (Total)       | 10                      | 1000                   |
| Chromatogram Pattern: |                         | Gas                    |

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130           | 93         |

Analytes reported as N.D. were not present above the stated limit of detection.

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Blaine Technical Services  
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Client Proj. ID: Chevron 9-4816, 950329-D1  
Sample Descript: C-6  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9503M32-05

Sampled: 03/29/95  
Received: 03/30/95  
Analyzed: 04/03/95  
Reported: 04/05/95

Attention: Jim Keller

QC Batch Number: GC040396BTEX02A  
Instrument ID: GCHP02

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 90                     |

Analytes reported as N.D. were not present above the stated limit of detection.

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Page:

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Blaine Technical Services  
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Client Proj. ID: Chevron 9-4816, 950329-D1  
Sample Descript: C-7  
Matrix: LIQUID  
Analysis Method: 8015Mod/802D  
Lab Number: 9503M32-06

Sampled: 03/29/95  
Received: 03/30/95  
Analyzed: 04/04/95  
Reported: 04/05/95

Attention: Jim Keller

QC Batch Number: GC040496BTEX17A  
Instrument ID: GCHP17

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |
| <b>Surrogates</b>     | <b>Control Limits %</b> | <b>% Recovery</b>      |
| Trifluorotoluene      | 70 130                  | 93                     |

Analytes reported as N.D. were not present above the stated limit of detection.

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Blaine Technical Services  
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Client Proj. ID: Chevron 9-4816, 950329-D1  
Sample Descript: C-8  
Matrix: LIQUID  
Analysis Method: 8015Mod/8020  
Lab Number: 9503M32-07

Sampled: 03/29/95  
Received: 03/30/95  
Analyzed: 04/04/95  
Reported: 04/05/95

Attention: Jim Keller

QC Batch Number: GC040495BTEX17A  
Instrument ID: GCHP17

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 500                     | 7300                   |
| Benzene               | 5.0                     | N.D.                   |
| Toluene               | 5.0                     | N.D.                   |
| Ethyl Benzene         | 5.0                     | 38                     |
| Xylenes (Total)       | 5.0                     | 87                     |
| Chromatogram Pattern: |                         | Gas                    |

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130           | 124        |

Analytes reported as N.D. were not present above the stated limit of detection.

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Suzanne Chin  
Project Manager







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Blaine Technical Services          Client Proj. ID: Chevron 9-4816, 950329-D1      Sampled: 03/29/95
985 Timothy Drive                Sample Descript: C-9                               Received: 03/30/95
San Jose, CA 95133               Matrix: LIQUID                                     Analyzed: 04/04/95
Attention: Jim Keller             Analysis Method: 8015Mod/8020                     Reported: 04/05/95
Lab Number: 9503M32-08
QC Batch Number: GC040396BTEX02A
Instrument ID: GCHP02

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**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |

  

| Surrogates       | Control Limits %            | % Recovery |
|------------------|-----------------------------|------------|
| Trifluorotoluene | 70                      130 | 77         |

Analytes reported as N.D. were not present above the stated limit of detection.

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|  |   |   |
|--|---|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-4816, 950329-D1<br>Sample Descript: MW-10<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-09 | Sampled: 03/29/95<br>Received: 03/30/95<br>Analyzed: 04/04/95<br>Reported: 04/05/95 |
| Attention: Jim Keller  |   |   |
| QC Batch Number: GC040395BTEX02A                                     |   |   |
| Instrument ID: GCHP02  |   |   |

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |

| Surrogates       | Control Limits % | % Recovery |
|------------------|------------------|------------|
| Trifluorotoluene | 70 130           | 88         |

Analytes reported as N.D. were not present above the stated limit of detection.

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Suzanne Chin  
Project Manager

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|  |   |   |
|--|---|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-4816, 950329-D1<br>Sample Descript: MW-11<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-10 | Sampled: 03/29/95<br>Received: 03/30/95<br>Analyzed: 04/04/95<br>Reported: 04/05/95 |
| Attention: Jim Keller  |   |   |
| QC Batch Number: GC040395BTEX02A                                     |   |   |
| Instrument ID: GCHP02  |   |   |

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |

| Surrogates       | Control Limits %            | % Recovery |
|------------------|-----------------------------|------------|
| Trifluorotoluene | 70                      130 | 91         |

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL - ELAP #1210

  
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```

Blaine Technical Services          Client Proj. ID:  Chevron 9-4816, 950329-D1      Sampled: 03/29/95
985 Timothy Drive                 Sample Descript:  MW-12                          Received: 03/30/95
San Jose, CA 95133                Matrix:  LIQUID                                   Analyzed: 04/03/95
Attention:  Jim Keller             Analysis Method:  8015Mod/8020                    Reported: 04/05/96
Lab Number:  9503M32-11
  
```

QC Batch Number: GC040396BTEX03A  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 5000                    | 16000                  |
| Benzene               | 50                      | 4000                   |
| Toluene               | 50                      | 1000                   |
| Ethyl Benzene         | 50                      | 230                    |
| Xylenes (Total)       | 50                      | 840                    |
| Chromatogram Pattern: |                         | Gas                    |

| Surrogates       | Control Limits %            | % Recovery |
|------------------|-----------------------------|------------|
| Trifluorotoluene | 70                      130 | 93         |

Analytes reported as N.D. were not present above the stated limit of detection.

**SEQUOIA ANALYTICAL - ELAP #1210**

*Suzanne Chin*  
Suzanne Chin  
Project Manager





|  |  |   |
|--|--|---|
| Blaine Technical Services<br>985 Timothy Drive<br>San Jose, CA 95133 | Client Proj. ID: Chevron 9-4816, 950329-D1<br>Sample Descript: TB<br>Matrix: LIQUID<br>Analysis Method: 8015Mod/8020<br>Lab Number: 9503M32-12 | Sampled: 03/28/95<br>Received: 03/30/95<br>Analyzed: 04/03/95<br>Reported: 04/05/95 |
|--|--|---|

QC Batch Number: GC040395BTEX03A  
Instrument ID: GCHP03

**Total Purgeable Petroleum Hydrocarbons (TPPH) with BTEX**

| Analyte               | Detection Limit<br>ug/L | Sample Results<br>ug/L |
|-----------------------|-------------------------|------------------------|
| TPPH as Gas           | 50                      | N.D.                   |
| Benzene               | 0.50                    | N.D.                   |
| Toluene               | 0.50                    | N.D.                   |
| Ethyl Benzene         | 0.50                    | N.D.                   |
| Xylenes (Total)       | 0.50                    | N.D.                   |
| Chromatogram Pattern: |                         |                        |

  

| Surrogates       | Control Limits %            | % Recovery |
|------------------|-----------------------------|------------|
| Trifluorotoluene | 70                      130 | 91         |

Analytes reported as N.D. were not present above the stated limits of detection.

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Suzanne Chin  
Project Manager

