



May 06, 2024

Entrada Consulting Group

Chelsea Veryter

330 Grand Ave. Unit C

Grand Junction CO 81501

Project Name - Chevron - Volkens 31-22

Project Number - [none]

Attached are your analytical results for Chevron - Volkens 31-22 received by Origins Laboratory, Inc. April 19, 2024. This project is associated with Origins project number Y404582-01.

The analytical results in the following report were analyzed under the guidelines of EPA Methods. These methods are identified as follows; "SW" are defined in SW-846, "EPA" are defined in 40CFR part 136 and "SM" are defined in the most current revision of Standard Methods For the Examination of Water and Wastewater.

The analytical results apply specifically to the samples and analyses specified per the attached Chain of Custody. As such, this report shall not be reproduced except in full, without the written approval of Origin's laboratory.

Unless otherwise noted, the analytical results for all soil samples are reported on a wet weight basis. All analytical analyses were performed under NELAP guidelines unless noted by a data qualifier.

Any holding time exceedances, deviations from the method specifications or deviations from Origins Laboratory's Standard Operating Procedures are outlined in the case narrative.

Thank you for selecting Origins for your analytical needs. Please contact us with any questions concerning this report, or if we can help with anything at all.

Origins Laboratory, Inc.
303.433.1322
o-squad@oelabinc.com



1725 Elk Place, Denver, CO 80211 | Phone: 303.433.1322 | Fax: 303.265.9645

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

CROSS REFERENCE REPORT

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------------|------------------|
| WH01@6 | Y404582-01 | Soil | April 19, 2024 13:00 | 04/19/2024 15:53 |
| FLR01@4 | Y404582-02 | Soil | April 19, 2024 13:05 | 04/19/2024 15:53 |

Chain of Custody Modification Request

On 5/6/2024, Tim Krupa from Entrada contacted Jordan Bynon via email regarding Y404582 requesting that the analyses for samples WH01-N@4, WH01-W@4, and WH01-S@4 be removed. Requested modifications to the chain of custody were made by Jordan Bynon on 5/6/2024.

Origins Laboratory, Inc.



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Volkens 31-22

ORIGINS
LABORATORY, INC

www.originslaboratory.com

Bill to Chevron
(Dusty Smith) **Y404582** page 1 of 1

Client: Entrada

Address:

Project Manager: Chelsea Vertyer

Project Name: Volkens 31-22

Project Number:

Samples Collected By: Jim Lohr

CC: ABUELO@chevron.com

Telephone Number: 303-316-8703

Email Address: Entrada Distribution

Fax: 303.265.9645

| Sample ID Description | Date Sampled | Time Sampled | # of Containers | Preservative | | | | Matrix | | | Analyst | Sample Instructions |
|-------------------------------------|-----------------------|--------------------|---------------------------------|----------------------|--------------------|---|-------|-------------|------|-------------------------|---------|---------------------|
| | | | | Unpreserved | HCl | HNO ₃ | Other | Groundwater | Soil | Air Summa Canister # | | |
| W401-Q6 | 04/19/24 | 1300 | 2 | X | | | | X | | | | 1 |
| W401-Q4 | 1305 | | 1 | | | | | | | | | 2 |
| W401-NQ4 | 1310 | | 1 | | | | | | | | | 3 |
| W401-VQ4 | 1315 | | 1 | | | | | | | | | 4 |
| W401-SQ4 | 1320 | | 1 | | | | | | | | | 5 |
| | | | | | | | | | | | | 6 |
| | | | | | | | | | | | | 7 |
| | | | | | | | | | | | | 8 |
| | | | | | | | | | | | | 9 |
| | | | | | | | | | | | | 10 |
| Relinquished By: <u>[Signature]</u> | Date: <u>04/19/24</u> | Time: <u>1412</u> | Received By: <u>SA</u> | Date: <u>4/19/24</u> | Time: <u>1412</u> | Turnaround Time: Same Day <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input checked="" type="checkbox"/> Standard | | | | | | |
| Relinquished By: <u>SA</u> | Date: <u>4/19/24</u> | Time: <u>15:33</u> | Received By: <u>[Signature]</u> | Date: <u>4/19/24</u> | Time: <u>15:33</u> | | | | | | | |

Date Results Needed

Temp Received- 14.9

Origins Laboratory, Inc.

J. Bynon

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Vertyer

Project Number: [none]

Project: Chevron - Volkens 31-22

Origins Laboratory

Sample Receipt Checklist

F-012207-01-R1
Effective Date: 01/09/12

Origins Work Order: Y404582

Client: Entrada

Client Project ID: Chevron - Volkens 31-

Checklist Completed by: SAW

Shipped Via: HD

(UPS, FedEx, Hand Delivered, Pick-up, etc.)

Date/time completed: 4/19/12

Airbill #: N/A

Matrix(s) Received: (Check all that apply): / Soil/Solid / Water / Other: /

Cooler Number/Temperature: 1 14.9 °C / °C / °C (Describe)

Thermometer ID: TOCH

| Requirement Description | Yes | No | N/A | Comments (if any) |
|---|----------|----------|-----|-------------------|
| If samples require cooling, was the temperature between 0°C to ≤ 6°C ⁽¹⁾ ? | <u>/</u> | <u>/</u> | | <u>SD</u> |
| Is there ice present (document if blue ice is used) | <u>/</u> | | | |
| Are custody seals present on cooler? (if so, document in comments if they are signed and dated, broken or intact) | <u>/</u> | | | |
| Are custody seals present on each sample container? (if so, document in comments if they are signed and dated, broken or intact) | <u>/</u> | | | |
| Were all samples received intact ⁽¹⁾ ? | <u>/</u> | | | |
| Was adequate sample volume provided ⁽¹⁾ ? | <u>/</u> | | | |
| Are short holding time analytes or samples with HTs due within 48 hours present ⁽¹⁾ ? | <u>/</u> | | | |
| Is a chain-of-custody (COC) present and filled out completely ⁽¹⁾ ? | <u>/</u> | | | |
| Does the COC agree with the number and type of sample bottles received ⁽¹⁾ ? | <u>/</u> | | | |
| Do the sample IDs on the bottle labels match the COC ⁽¹⁾ ? | <u>/</u> | | | |
| Is the COC properly relinquished by the client with date and time recorded ⁽¹⁾ ? | <u>/</u> | | | |
| For volatiles in water – is there headspace (> ¼ inch bubble) present? If yes, contact client and note in narrative. | <u>/</u> | | | |
| Are samples preserved that require preservation and was it checked ⁽¹⁾ ? (note ID of confirmation instrument used in comments) / (preservation is not confirmed for subcontracted analyses in order to insure sample integrity)/(pH <2 for samples preserved with HNO ₃ , HCL, H ₂ SO ₄) / (pH >10 for samples preserved with NaAsO ₂ +NaOH, ZnAc+NaOH) | <u>/</u> | | | |
| Additional Comments (if any): | | | | |

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note date/time and person contacted as well as the corrective action to in the additional comments (above) and the case narrative.

Reviewed by (Project Manager) [Signature]

4/22/12
Date/Time Reviewed

Origins Laboratory, Inc.

[Signature]

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

WH01@6
4/19/2024 1:00:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y404582-01 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | |
|-------|-------|-------|------|---|---------|------------|------------|
| Boron | 0.762 | 0.101 | mg/L | 1 | B4D2417 | 04/24/2024 | 04/25/2024 |
|-------|-------|-------|------|---|---------|------------|------------|

DRO/ORO by EPA 8015D

| | | | | | | | |
|-----------------------------------|------|------|-------|---|---------|------------|------------|
| Diesel (C10-C28) | 1510 | 25.0 | mg/kg | 1 | B4D2332 | 04/23/2024 | 04/30/2024 |
| Residual Range Organics (C28-C40) | 497 | 100 | " | " | " | " | " |

| | | | | | |
|------------------------|-------|--------|---|---|---|
| Surrogate: o-Terphenyl | 133 % | 50-150 | " | " | " |
|------------------------|-------|--------|---|---|---|

GBTEX+TMBs by 8260D

| | | | | | | | |
|-----------------------------|---------|---------|-------|-----|---------|------------|------------|
| 1,2,4-Trimethylbenzene | 39.2 | 0.500 | mg/kg | 250 | B4D2322 | 04/23/2024 | 05/01/2024 |
| 1,3,5-Trimethylbenzene | 9.22 | 0.0500 | " | 25 | " | " | 04/24/2024 |
| Benzene | 0.0101 | 0.00200 | " | 1 | " | " | 04/25/2024 |
| Ethylbenzene | 4.46 | 0.500 | " | 250 | " | " | 05/01/2024 |
| Toluene | 0.00432 | 0.00200 | " | 1 | " | " | 04/25/2024 |
| Xylenes, total | 102 | 0.500 | " | 250 | " | " | 05/01/2024 |
| Gasoline Range Hydrocarbons | 1540 | 50.0 | " | " | " | " | " |

| | | | | | |
|----------------------------------|--------|--------|---|---|------------|
| Surrogate: 1,2-Dichloroethane-d4 | 101 % | 70-130 | " | " | 04/25/2024 |
| Surrogate: Toluene-d8 | 98.5 % | 70-130 | " | " | " |
| Surrogate: 4-Bromofluorobenzene | 232 % | 70-130 | " | " | " S-GC |

Origins Laboratory, Inc.



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330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

WH01@6

4/19/2024 1:00:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-01 (Soil)

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 1.58 | 0.499 | meq/L | 10 | [CALC] | 04/20/2024 | 04/22/2024 |
| Magnesium | ND | 0.823 | " | " | " | " | " |
| Sodium | 2.77 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|--------|--------|-------|----|---------|------------|------------|----|
| 1-Methylnaphthalene | 1.99 | 0.020 | mg/kg | 10 | B4D2324 | 04/23/2024 | 05/02/2024 | |
| 2-Methylnaphthalene | 5.44 | 0.020 | " | " | " | " | " | |
| Acenaphthene | ND | 0.020 | " | 1 | " | " | 05/01/2024 | Ua |
| Anthracene | 0.042 | 0.020 | " | " | " | " | " | |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | Ua |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | Ua |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Chrysene | 0.045 | 0.020 | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | Ua |
| Fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Fluorene | 0.351 | 0.020 | " | " | " | " | " | |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | " | " | " | " | Ua |
| Naphthalene | 1.19 | 0.020 | " | 10 | " | " | 05/02/2024 | |
| Pyrene | 0.025 | 0.020 | " | 1 | " | " | 05/01/2024 | |
| Surrogate: Fluorene-d10 | 94.1 % | 60-130 | | | " | " | " | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

WH01@6

4/19/2024 1:00:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-01 (Soil)

PAH by EPA 8270E

| | | | | | |
|---------------------------------|--------|--------|-------------|------------|------------|
| Surrogate: Anthracene-d10 | 100 % | 60-130 | B4D23 24 | 04/23/2024 | 05/01/2024 |
| Surrogate: Pyrene-d10 | 99.1 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 106 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.14 | pH Units | 1 | B4D2019 | 04/20/2024 | 04/22/2024 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 2.58 | 0.0100 | SAR | 1 | B4D2007 | 04/20/2024 | 04/22/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 0.600 | 0.00500 | mmhos/cm | 1 | B4D2019 | 04/20/2024 | 04/22/2024 |
|---------------------------|-------|---------|----------|---|---------|------------|------------|

Table 915 metals by EPA 6020B

| | | | | | | | |
|----------|-------|--------|-------|----|---------|------------|------------|
| Arsenic | 3.83 | 0.258 | mg/kg | 10 | B4D1936 | 04/22/2024 | 04/23/2024 |
| Barium | 133 | 8.91 | " | " | " | " | " |
| Cadmium | 0.207 | 0.0891 | " | " | " | " | " |
| Copper | 16.1 | 8.91 | " | " | " | " | " |
| Lead | 12.7 | 0.891 | " | " | " | " | " |
| Nickel | 13.9 | 0.891 | " | " | " | " | " |
| Selenium | ND | 0.232 | " | " | " | " | " |

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330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

WH01@6

4/19/2024 1:00:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-01 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | | | |
|--------|------|--|--------|-------|----|---------|------------|------------|--|
| Silver | ND | | 0.0891 | mg/kg | 10 | B4D1936 | 04/22/2024 | 04/23/2024 | |
| Zinc | 65.3 | | 33.0 | " | " | " | " | " | |

Total Metals by 7196A

| | | | | | | | | | |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.173 | 0.433 | mg/kg dry | 1 | 2602709 | 04/25/2024 | 04/29/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

FLR01@4
4/19/2024 1:05:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.
Y404582-02 (Soil)

Boron (DTPA Sorbitol)

| | | | | | | | | |
|-------|-------|--------|------|---|---------|------------|------------|--|
| Boron | 0.303 | 0.0993 | mg/L | 1 | B4D2417 | 04/24/2024 | 04/25/2024 | |
|-------|-------|--------|------|---|---------|------------|------------|--|

DRO/ORO by EPA 8015D

| | | | | | | | | |
|-----------------------------------|-----|------|-------|---|---------|------------|------------|----|
| Diesel (C10-C28) | 222 | 25.0 | mg/kg | 1 | B4D2332 | 04/23/2024 | 05/01/2024 | |
| Residual Range Organics (C28-C40) | ND | 100 | " | " | " | " | " | Ua |

| | | | | | | | | |
|------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: o-Terphenyl | 83.8 % | 50-150 | | | " | " | " | |
|------------------------|--------|--------|--|--|---|---|---|--|

GBTEX+TMBs by 8260D

| | | | | | | | | |
|-----------------------------|------|---------|-------|---|---------|------------|------------|----|
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | 1 | B4D2322 | 04/23/2024 | 04/23/2024 | Ua |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | " | " | " | " | Ua |
| Benzene | ND | 0.00200 | " | " | " | " | " | Ua |
| Ethylbenzene | ND | 0.00200 | " | " | " | " | " | Ua |
| Toluene | ND | 0.00200 | " | " | " | " | " | Ua |
| Xylenes, total | ND | 0.00200 | " | " | " | " | " | Ua |
| Gasoline Range Hydrocarbons | 5.85 | 0.200 | " | " | " | " | " | |

| | | | | | | | | |
|----------------------------------|--------|--------|--|--|---|---|---|--|
| Surrogate: 1,2-Dichloroethane-d4 | 102 % | 70-130 | | | " | " | " | |
| Surrogate: Toluene-d8 | 96.0 % | 70-130 | | | " | " | " | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

FLR01@4

4/19/2024 1:05:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-02 (Soil)

GBTEX+TMBs by 8260D

Surrogate: 4-Bromofluorobenzene

105 %

70-130

B4D23
22

04/23/2024

04/23/2024

Metals by Saturated Paste by EPA 6010

| | | | | | | | |
|-----------|------|-------|-------|----|--------|------------|------------|
| Calcium | 2.77 | 0.499 | meq/L | 10 | [CALC] | 04/20/2024 | 04/22/2024 |
| Magnesium | 1.17 | 0.823 | " | " | " | " | " |
| Sodium | 2.48 | 0.435 | " | " | " | " | " |

PAH by EPA 8270E

| | | | | | | | | |
|-------------------------|-------|-------|-------|---|---------|------------|------------|----|
| 1-Methylnaphthalene | 0.002 | 0.002 | mg/kg | 1 | B4D2324 | 04/23/2024 | 05/01/2024 | |
| 2-Methylnaphthalene | ND | 0.002 | " | " | " | " | " | Ua |
| Acenaphthene | ND | 0.020 | " | " | " | " | " | Ua |
| Anthracene | ND | 0.020 | " | " | " | " | " | Ua |
| Benzo (a) anthracene | ND | 0.005 | " | " | " | " | " | Ua |
| Benzo (a) pyrene | ND | 0.020 | " | " | " | " | " | Ua |
| Benzo (b) fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Benzo (k) fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Chrysene | 0.028 | 0.020 | " | " | " | " | " | |
| Dibenz (a,h) anthracene | ND | 0.020 | " | " | " | " | " | Ua |
| Fluoranthene | ND | 0.020 | " | " | " | " | " | Ua |
| Fluorene | ND | 0.020 | " | " | " | " | " | Ua |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

FLR01@4

4/19/2024 1:05:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-02 (Soil)

PAH by EPA 8270E

| | | | | | | | | |
|--------------------------|----|-------|-------|---|---------|------------|------------|----|
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | mg/kg | 1 | B4D2324 | 04/23/2024 | 05/01/2024 | Ua |
| Naphthalene | ND | 0.002 | " | " | " | " | " | Ua |
| Pyrene | ND | 0.020 | " | " | " | " | " | Ua |

| | | | | | |
|---------------------------------|--------|--------|---|---|---|
| Surrogate: Fluorene-d10 | 96.3 % | 60-130 | " | " | " |
| Surrogate: Anthracene-d10 | 104 % | 60-130 | " | " | " |
| Surrogate: Pyrene-d10 | 95.2 % | 60-130 | " | " | " |
| Surrogate: Benzo (a) pyrene-d12 | 106 % | 60-130 | " | " | " |

pH in Soil by 9045D

| | | | | | | |
|----|------|----------|---|---------|------------|------------|
| pH | 8.60 | pH Units | 1 | B4D2019 | 04/20/2024 | 04/22/2024 |
|----|------|----------|---|---------|------------|------------|

SAR by 20B Saturated Paste

| | | | | | | | |
|-----|------|--------|-----|---|---------|------------|------------|
| SAR | 1.76 | 0.0100 | SAR | 1 | B4D2007 | 04/20/2024 | 04/22/2024 |
|-----|------|--------|-----|---|---------|------------|------------|

Specific Conductance Mod. 9050A

| | | | | | | | |
|---------------------------|-------|---------|----------|---|---------|------------|------------|
| Specific Conductance (EC) | 0.778 | 0.00500 | mmhos/cm | 1 | B4D2019 | 04/20/2024 | 04/22/2024 |
|---------------------------|-------|---------|----------|---|---------|------------|------------|

Table 915 metals by EPA 6020B

| | | | | | | | |
|---------|------|-------|-------|----|---------|------------|------------|
| Arsenic | 1.93 | 0.264 | mg/kg | 10 | B4D1936 | 04/22/2024 | 04/23/2024 |
|---------|------|-------|-------|----|---------|------------|------------|

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

FLR01@4

4/19/2024 1:05:00PM

| Analyte | Result | Min Detection Limit | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Notes |
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|
|---------|--------|---------------------|-----------------|-------|----------|-------|----------|----------|-------|

Origins Laboratory, Inc.

Y404582-02 (Soil)

Table 915 metals by EPA 6020B

| | | | | | | | |
|----------|------|--------|-------|----|---------|------------|------------|
| Barium | 84.3 | 9.11 | mg/kg | 10 | B4D1936 | 04/22/2024 | 04/23/2024 |
| Cadmium | ND | 0.0911 | " | " | " | " | " |
| Copper | ND | 9.11 | " | " | " | " | " |
| Lead | 4.70 | 0.911 | " | " | " | " | " |
| Nickel | 4.72 | 0.911 | " | " | " | " | " |
| Selenium | ND | 0.237 | " | " | " | " | " |
| Silver | ND | 0.0911 | " | " | " | " | " |
| Zinc | ND | 33.7 | " | " | " | " | " |

Total Metals by 7196A

| | | | | | | | | | |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|
| Hexavalent Chromium | ND | 0.166 | 0.414 | mg/kg dry | 1 | 2602709 | 04/25/2024 | 04/29/2024 | U |
|---------------------|----|-------|-------|-----------|---|---------|------------|------------|---|

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B4D2322 - EPA 5030 (soil) | | | | | | | | | | |
| Blank (B4D2322-BLK1) | | | | | Prepared: 04/23/2024 Analyzed: 04/23/2024 | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.00200 | mg/kg | | | | | | | Ua |
| 1,3,5-Trimethylbenzene | ND | 0.00200 | " | | | | | | | Ua |
| Benzene | ND | 0.00200 | " | | | | | | | Ua |
| Ethylbenzene | ND | 0.00200 | " | | | | | | | Ua |
| Naphthalene | ND | 0.00380 | " | | | | | | | Ua |
| Toluene | ND | 0.00200 | " | | | | | | | Ua |
| Xylenes, total | ND | 0.00200 | " | | | | | | | Ua |
| Gasoline Range Hydrocarbons | ND | 0.200 | " | | | | | | | Ua |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 106 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 99.8 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |

Origins Laboratory, Inc.



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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2322 - EPA 5030 (soil)

LCS (B4D2322-BS1)

Prepared: 04/23/2024 Analyzed: 04/23/2024

| | | | | | | | | | | |
|----------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| 1,2,4-Trimethylbenzene | 0.0868 | 0.00200 | mg/kg | 0.100 | | 86.8 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0864 | 0.00200 | " | 0.100 | | 86.4 | 70-130 | | | |
| Benzene | 0.0826 | 0.00200 | " | 0.100 | | 82.6 | 70-130 | | | |
| Ethylbenzene | 0.0839 | 0.00200 | " | 0.100 | | 83.9 | 70-130 | | | |
| Naphthalene | 0.0858 | 0.00380 | " | 0.100 | | 85.8 | 70-130 | | | |
| Toluene | 0.0803 | 0.00200 | " | 0.100 | | 80.3 | 70-130 | | | |
| o-Xylene | 0.0853 | 0.00200 | " | 0.100 | | 85.3 | 70-130 | | | |
| m,p-Xylene | 0.166 | 0.00400 | " | 0.200 | | 83.2 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.12 | | " | 0.125 | | 94.1 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.12 | | " | 0.125 | | 97.9 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.12 | | " | 0.125 | | 99.1 | 70-130 | | | |

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|---------------------------|-------|-------------|---|------|-------------|-----|-----------|-------|
| Batch B4D2322 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike (B4D2322-MS1) | | Source: Y404582-02 | | | Prepared: 04/23/2024 Analyzed: 04/24/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0772 | 0.00200 | mg/kg | 0.100 | ND | 77.2 | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 0.0791 | 0.00200 | " | 0.100 | ND | 79.1 | 70-130 | | | |
| Benzene | 0.0930 | 0.00200 | " | 0.100 | ND | 93.0 | 70-130 | | | |
| Ethylbenzene | 0.0919 | 0.00200 | " | 0.100 | ND | 91.9 | 70-130 | | | |
| Naphthalene | 0.110 | 0.00380 | " | 0.100 | ND | 110 | 70-130 | | | |
| Toluene | 0.0924 | 0.00200 | " | 0.100 | ND | 92.4 | 70-130 | | | |
| o-Xylene | 0.0963 | 0.00200 | " | 0.100 | ND | 96.3 | 70-130 | | | |
| m,p-Xylene | 0.175 | 0.00400 | " | 0.200 | ND | 87.4 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 104 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

Origins Laboratory, Inc.



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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|----------------------------------|--------|-----------------|--------------------|-------------|---|------|-------------|------|-----------|-------|
| Batch B4D2322 - EPA 5030 (soil) | | | | | | | | | | |
| Matrix Spike Dup (B4D2322-MSD1) | | | Source: Y404582-02 | | Prepared: 04/23/2024 Analyzed: 04/24/2024 | | | | | |
| 1,2,4-Trimethylbenzene | 0.0684 | 0.00200 | mg/kg | 0.100 | ND | 68.4 | 70-130 | 12.1 | 20 | QM-07 |
| 1,3,5-Trimethylbenzene | 0.0712 | 0.00200 | " | 0.100 | ND | 71.2 | 70-130 | 10.5 | 20 | |
| Benzene | 0.0881 | 0.00200 | " | 0.100 | ND | 88.1 | 70-130 | 5.44 | 20 | |
| Ethylbenzene | 0.0811 | 0.00200 | " | 0.100 | ND | 81.1 | 70-130 | 12.5 | 20 | |
| Naphthalene | 0.103 | 0.00380 | " | 0.100 | ND | 103 | 70-130 | 5.88 | 20 | |
| Toluene | 0.0850 | 0.00200 | " | 0.100 | ND | 85.0 | 70-130 | 8.34 | 20 | |
| o-Xylene | 0.0895 | 0.00200 | " | 0.100 | ND | 89.5 | 70-130 | 7.30 | 20 | |
| m,p-Xylene | 0.156 | 0.00400 | " | 0.200 | ND | 78.0 | 70-130 | 11.3 | 20 | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: Toluene-d8 | 0.13 | | " | 0.125 | | 103 | 70-130 | | | |
| Surrogate: 4-Bromofluorobenzene | 0.13 | | " | 0.125 | | 105 | 70-130 | | | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Volatile Organic Compounds by GC/MS SW846 8260D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2332 - EPA 3550B

Blank (B4D2332-BLK1)

Prepared: 04/23/2024 Analyzed: 04/27/2024

| | | | | | | | | | | |
|-----------------------------------|----|------|-------|------|--|------|--------|--|--|----|
| Diesel (C10-C28) | ND | 25.0 | mg/kg | | | | | | | Ua |
| Residual Range Organics (C28-C40) | ND | 100 | " | | | | | | | Ua |
| Surrogate: o-Terphenyl | 23 | | " | 24.9 | | 92.3 | 50-150 | | | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2332 - EPA 3550B

LCS (B4D2332-BS1)

Prepared: 04/23/2024 Analyzed: 04/27/2024

| | | | | | | | | | | |
|-----------------------------------|-----|------|-------|------|--|------|--------|--|--|--|
| Diesel (C10-C28) | 945 | 50.0 | mg/kg | 1000 | | 94.5 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 936 | 200 | " | 1000 | | 93.6 | 70-130 | | | |
| Surrogate: o-Terphenyl | 56 | | " | 49.8 | | 112 | 50-150 | | | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2332 - EPA 3550B

| Matrix Spike (B4D2332-MS1) | | Source: Y404576-01 | | | Prepared: 04/23/2024 Analyzed: 04/27/2024 | | | | | |
|-----------------------------------|-----|--------------------|-------|------|---|------|--------|--|--|--|
| Diesel (C10-C28) | 971 | 50.0 | mg/kg | 1000 | ND | 97.1 | 70-130 | | | |
| Residual Range Organics (C28-C40) | 940 | 200 | " | 1000 | ND | 94.0 | 70-130 | | | |
| Surrogate: o-Terphenyl | 44 | | " | 49.8 | | 88.4 | 50-150 | | | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2332 - EPA 3550B

| Matrix Spike Dup (B4D2332-MSD1) | | Source: Y404576-01 | | | Prepared: 04/23/2024 Analyzed: 04/27/2024 | | | | | |
|-----------------------------------|-----|--------------------|-------|------|---|------|--------|-------|----|--|
| Diesel (C10-C28) | 951 | 50.0 | mg/kg | 1000 | ND | 95.1 | 70-130 | 2.08 | 35 | |
| Residual Range Organics (C28-C40) | 946 | 200 | " | 1000 | ND | 94.6 | 70-130 | 0.695 | 35 | |
| Surrogate: o-Terphenyl | 68 | | " | 49.8 | | 136 | 50-150 | | | |

Origins Laboratory, Inc.



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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Volkens 31-22

Extractable Petroleum Hydrocarbons by 8015D - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D1936 - EPA 3050B

Blank (B4D1936-BLK1)

Prepared: 04/22/2024 Analyzed: 04/23/2024

| | | | |
|----------|----|-------|-------|
| Arsenic | ND | 0.290 | mg/kg |
| Barium | ND | 10.0 | " |
| Cadmium | ND | 0.100 | " |
| Copper | ND | 10.0 | " |
| Lead | ND | 1.00 | " |
| Nickel | ND | 1.00 | " |
| Selenium | ND | 0.260 | " |
| Silver | ND | 0.100 | " |
| Zinc | ND | 37.0 | " |

LCS (B4D1936-BS1)

Prepared: 04/22/2024 Analyzed: 04/24/2024

| | | | | | | |
|----------|------|-------|-------|------|------|--------|
| Arsenic | 4.78 | 0.290 | mg/kg | 5.00 | 95.5 | 80-120 |
| Barium | 509 | 10.0 | " | 500 | 102 | 80-120 |
| Cadmium | 4.99 | 0.100 | " | 5.00 | 99.9 | 80-120 |
| Copper | 51.2 | 10.0 | " | 50.0 | 102 | 80-120 |
| Lead | 5.17 | 1.00 | " | 5.00 | 103 | 80-120 |
| Nickel | 5.07 | 1.00 | " | 5.00 | 101 | 80-120 |
| Selenium | 8.90 | 0.260 | " | 9.50 | 93.7 | 80-120 |
| Silver | 4.90 | 0.100 | " | 5.00 | 98.1 | 80-120 |
| Zinc | 50.4 | 37.0 | " | 50.0 | 101 | 80-120 |

Matrix Spike (B4D1936-MS1)

Source: Y404578-01

Prepared: 04/22/2024 Analyzed: 04/24/2024

Origins Laboratory, Inc.



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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Volkens 31-22

Metals by EPA 6000/7000 Series Methods - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|---------------------------|-------------|---|------|-------------|------|-----------|-------|
| Batch B4D1936 - EPA 3050B | | | | | | | | | | |
| Matrix Spike (B4D1936-MS1) | | | Source: Y404578-01 | | Prepared: 04/22/2024 Analyzed: 04/24/2024 | | | | | |
| Arsenic | 8.08 | 0.284 | mg/kg | 4.90 | 4.42 | 74.8 | 75-125 | | | QM-07 |
| Barium | 721 | 9.80 | " | 490 | 183 | 110 | 75-125 | | | |
| Cadmium | 5.35 | 0.0980 | " | 4.90 | 0.309 | 103 | 75-125 | | | |
| Copper | 59.4 | 9.80 | " | 49.0 | 26.0 | 68.1 | 75-125 | | | QM-07 |
| Lead | 16.2 | 0.980 | " | 4.90 | 19.6 | NR | 75-125 | | | QM-07 |
| Nickel | 16.0 | 0.980 | " | 4.90 | 16.8 | NR | 75-125 | | | QM-07 |
| Selenium | 8.88 | 0.255 | " | 9.31 | 0.341 | 91.7 | 75-125 | | | |
| Silver | 4.97 | 0.0980 | " | 4.90 | 0.113 | 99.1 | 75-125 | | | |
| Zinc | 101 | 36.3 | " | 49.0 | 69.7 | 63.6 | 75-125 | | | QM-07 |
| Matrix Spike Dup (B4D1936-MSD1) | | | Source: Y404578-01 | | Prepared: 04/22/2024 Analyzed: 04/24/2024 | | | | | |
| Arsenic | 7.57 | 0.270 | mg/kg | 4.65 | 4.42 | 67.9 | 75-125 | 6.53 | 20 | QM-07 |
| Barium | 682 | 9.30 | " | 465 | 183 | 107 | 75-125 | 5.43 | 20 | |
| Cadmium | 5.22 | 0.0930 | " | 4.65 | 0.309 | 106 | 75-125 | 2.43 | 20 | |
| Copper | 54.4 | 9.30 | " | 46.5 | 26.0 | 61.2 | 75-125 | 8.69 | 20 | QM-07 |
| Lead | 16.6 | 0.930 | " | 4.65 | 19.6 | NR | 75-125 | 2.45 | 20 | QM-07 |
| Nickel | 15.0 | 0.930 | " | 4.65 | 16.8 | NR | 75-125 | 6.17 | 20 | QM-07 |
| Selenium | 8.47 | 0.242 | " | 8.83 | 0.341 | 92.0 | 75-125 | 4.74 | 20 | |
| Silver | 4.79 | 0.0930 | " | 4.65 | 0.113 | 101 | 75-125 | 3.64 | 20 | |
| Zinc | 94.5 | 34.4 | " | 46.5 | 69.7 | 53.3 | 75-125 | 6.53 | 20 | QM-07 |

Origins Laboratory, Inc.



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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2324 - EPA 3580

Blank (B4D2324-BLK1)

Prepared: 04/23/2024 Analyzed: 04/30/2024

| | | | | | | | | | | |
|--------------------------|----|-------|-------|--|--|--|--|--|--|----|
| 1-Methylnaphthalene | ND | 0.002 | mg/kg | | | | | | | Ua |
| 2-Methylnaphthalene | ND | 0.002 | " | | | | | | | Ua |
| Acenaphthene | ND | 0.020 | " | | | | | | | Ua |
| Anthracene | ND | 0.020 | " | | | | | | | Ua |
| Benzo (a) anthracene | ND | 0.005 | " | | | | | | | Ua |
| Benzo (a) pyrene | ND | 0.020 | " | | | | | | | Ua |
| Benzo (b) fluoranthene | ND | 0.020 | " | | | | | | | Ua |
| Benzo (g,h,i) perylene | ND | 0.020 | " | | | | | | | Ua |
| Benzo (k) fluoranthene | ND | 0.020 | " | | | | | | | Ua |
| Chrysene | ND | 0.020 | " | | | | | | | Ua |
| Dibenz (a,h) anthracene | ND | 0.020 | " | | | | | | | Ua |
| Fluoranthene | ND | 0.020 | " | | | | | | | Ua |
| Fluorene | ND | 0.020 | " | | | | | | | Ua |
| Indeno (1,2,3-cd) pyrene | ND | 0.020 | " | | | | | | | Ua |
| Naphthalene | ND | 0.002 | " | | | | | | | Ua |
| Phenanthrene | ND | 0.020 | " | | | | | | | Ua |
| Pyrene | ND | 0.020 | " | | | | | | | Ua |

| | | | | | | | |
|---------------------------------|-----|--|-------|-----|--|------|--------|
| Surrogate: Fluorene-d10 | 190 | | ug/kg | 200 | | 92.8 | 60-130 |
| Surrogate: Anthracene-d10 | 210 | | " | 200 | | 105 | 60-130 |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 101 | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 230 | | " | 200 | | 116 | 60-130 |

LCS (B4D2324-BS1)

Prepared: 04/23/2024 Analyzed: 04/30/2024

| | | | | | | | |
|---------------------|-------|-------|-------|-------|--|------|--------|
| 1-Methylnaphthalene | 0.179 | 0.002 | mg/kg | 0.200 | | 89.3 | 70-130 |
| 2-Methylnaphthalene | 0.178 | 0.002 | " | 0.200 | | 88.9 | 70-130 |
| Acenaphthene | 0.186 | 0.020 | " | 0.200 | | 92.8 | 70-130 |
| Anthracene | 0.183 | 0.020 | " | 0.200 | | 91.4 | 70-130 |

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Volkens 31-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2324 - EPA 3580

LCS (B4D2324-BS1)

Prepared: 04/23/2024 Analyzed: 04/30/2024

| | | | | | | | |
|---------------------------------|-------|-------|-------|-------|--|------|--------|
| Benzo (a) anthracene | 0.179 | 0.005 | mg/kg | 0.200 | | 89.5 | 70-130 |
| Benzo (a) pyrene | 0.213 | 0.020 | " | 0.200 | | 106 | 70-130 |
| Benzo (b) fluoranthene | 0.198 | 0.020 | " | 0.200 | | 98.9 | 70-130 |
| Benzo (g,h,i) perylene | 0.208 | 0.020 | " | 0.200 | | 104 | 70-130 |
| Benzo (k) fluoranthene | 0.189 | 0.020 | " | 0.200 | | 94.5 | 70-130 |
| Chrysene | 0.182 | 0.020 | " | 0.200 | | 91.2 | 70-130 |
| Dibenz (a,h) anthracene | 0.237 | 0.020 | " | 0.200 | | 119 | 70-130 |
| Fluoranthene | 0.157 | 0.020 | " | 0.200 | | 78.6 | 70-130 |
| Fluorene | 0.176 | 0.020 | " | 0.200 | | 87.9 | 70-130 |
| Indeno (1,2,3-cd) pyrene | 0.222 | 0.020 | " | 0.200 | | 111 | 70-130 |
| Naphthalene | 0.182 | 0.002 | " | 0.200 | | 91.0 | 70-130 |
| Phenanthrene | 0.194 | 0.020 | " | 0.200 | | 97.0 | 70-130 |
| Pyrene | 0.162 | 0.020 | " | 0.200 | | 80.8 | 70-130 |
| Surrogate: Fluorene-d10 | 200 | | ug/kg | 200 | | 98.7 | 60-130 |
| Surrogate: Anthracene-d10 | 210 | | " | 200 | | 103 | 60-130 |
| Surrogate: Pyrene-d10 | 170 | | " | 200 | | 86.2 | 60-130 |
| Surrogate: Benzo (a) pyrene-d12 | 230 | | " | 200 | | 116 | 60-130 |

Matrix Spike (B4D2324-MS1)

Source: Y404571-01

Prepared: 04/23/2024 Analyzed: 04/30/2024

| | | | | | | | |
|------------------------|-------|-------|-------|-------|-------|------|--------|
| 1-Methylnaphthalene | 0.184 | 0.002 | mg/kg | 0.200 | ND | 91.8 | 70-130 |
| 2-Methylnaphthalene | 0.186 | 0.002 | " | 0.200 | ND | 93.1 | 70-130 |
| Acenaphthene | 0.189 | 0.020 | " | 0.200 | ND | 94.6 | 70-130 |
| Anthracene | 0.203 | 0.020 | " | 0.200 | ND | 102 | 70-130 |
| Benzo (a) anthracene | 0.182 | 0.005 | " | 0.200 | 0.004 | 88.8 | 70-130 |
| Benzo (a) pyrene | 0.208 | 0.020 | " | 0.200 | ND | 104 | 70-130 |
| Benzo (b) fluoranthene | 0.200 | 0.020 | " | 0.200 | 0.001 | 99.3 | 70-130 |
| Benzo (g,h,i) perylene | 0.190 | 0.020 | " | 0.200 | 0.001 | 94.5 | 70-130 |

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Vertyer
Project Number: [none]
Project: Chevron - Volkens 31-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2324 - EPA 3580

| Matrix Spike (B4D2324-MS1) | | Source: Y404571-01 | | | Prepared: 04/23/2024 Analyzed: 04/30/2024 | | | | | |
|---------------------------------|-------|--------------------|-------|-------|---|------|--------|--|--|--|
| Benzo (k) fluoranthene | 0.190 | 0.020 | mg/kg | 0.200 | 0.0008 | 94.7 | 70-130 | | | |
| Chrysene | 0.190 | 0.020 | " | 0.200 | 0.003 | 93.5 | 70-130 | | | |
| Dibenz (a,h) anthracene | 0.220 | 0.020 | " | 0.200 | ND | 110 | 70-130 | | | |
| Fluoranthene | 0.186 | 0.020 | " | 0.200 | 0.0006 | 92.8 | 70-130 | | | |
| Fluorene | 0.175 | 0.020 | " | 0.200 | 0.0006 | 87.3 | 70-130 | | | |
| Indeno (1,2,3-cd) pyrene | 0.196 | 0.020 | " | 0.200 | 0.002 | 97.4 | 70-130 | | | |
| Naphthalene | 0.187 | 0.002 | " | 0.200 | ND | 93.5 | 70-130 | | | |
| Phenanthrene | 0.206 | 0.020 | " | 0.200 | ND | 103 | 70-130 | | | |
| Pyrene | 0.189 | 0.020 | " | 0.200 | ND | 94.3 | 70-130 | | | |
| Surrogate: Fluorene-d10 | 190 | | ug/kg | 200 | | 96.3 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 210 | | " | 200 | | 104 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 190 | | " | 200 | | 96.5 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 230 | | " | 200 | | 114 | 60-130 | | | |

| Matrix Spike Dup (B4D2324-MSD1) | | Source: Y404571-01 | | | Prepared: 04/23/2024 Analyzed: 04/30/2024 | | | | | |
|---------------------------------|-------|--------------------|-------|-------|---|------|--------|-------|----|--|
| 1-Methylnaphthalene | 0.192 | 0.002 | mg/kg | 0.200 | ND | 96.1 | 70-130 | 4.68 | 20 | |
| 2-Methylnaphthalene | 0.191 | 0.002 | " | 0.200 | ND | 95.7 | 70-130 | 2.74 | 20 | |
| Acenaphthene | 0.199 | 0.020 | " | 0.200 | ND | 99.4 | 70-130 | 4.87 | 20 | |
| Anthracene | 0.215 | 0.020 | " | 0.200 | ND | 108 | 70-130 | 5.62 | 20 | |
| Benzo (a) anthracene | 0.202 | 0.005 | " | 0.200 | 0.004 | 98.7 | 70-130 | 10.3 | 20 | |
| Benzo (a) pyrene | 0.204 | 0.020 | " | 0.200 | ND | 102 | 70-130 | 1.72 | 20 | |
| Benzo (b) fluoranthene | 0.201 | 0.020 | " | 0.200 | 0.001 | 99.8 | 70-130 | 0.518 | 20 | |
| Benzo (g,h,i) perylene | 0.205 | 0.020 | " | 0.200 | 0.001 | 102 | 70-130 | 7.73 | 20 | |
| Benzo (k) fluoranthene | 0.214 | 0.020 | " | 0.200 | 0.0008 | 107 | 70-130 | 12.0 | 20 | |
| Chrysene | 0.207 | 0.020 | " | 0.200 | 0.003 | 102 | 70-130 | 8.56 | 20 | |
| Dibenz (a,h) anthracene | 0.229 | 0.020 | " | 0.200 | ND | 115 | 70-130 | 4.21 | 20 | |
| Fluoranthene | 0.203 | 0.020 | " | 0.200 | 0.0006 | 101 | 70-130 | 8.61 | 20 | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

EPA 8270E (SW846) - Semivolatile Organic Compounds - Quality Control
Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2324 - EPA 3580

| Matrix Spike Dup (B4D2324-MSD1) | | Source: Y404571-01 | | | Prepared: 04/23/2024 Analyzed: 04/30/2024 | | | | | |
|---------------------------------|-------|--------------------|-------|-------|---|------|--------|------|----|--|
| Fluorene | 0.184 | 0.020 | mg/kg | 0.200 | 0.0006 | 91.7 | 70-130 | 4.97 | 20 | |
| Indeno (1,2,3-cd) pyrene | 0.213 | 0.020 | " | 0.200 | 0.002 | 106 | 70-130 | 8.23 | 20 | |
| Naphthalene | 0.197 | 0.002 | " | 0.200 | ND | 98.4 | 70-130 | 5.20 | 20 | |
| Phenanthrene | 0.213 | 0.020 | " | 0.200 | ND | 106 | 70-130 | 3.38 | 20 | |
| Pyrene | 0.203 | 0.020 | " | 0.200 | ND | 102 | 70-130 | 7.37 | 20 | |
| Surrogate: Fluorene-d10 | 190 | | ug/kg | 200 | | 93.4 | 60-130 | | | |
| Surrogate: Anthracene-d10 | 210 | | " | 200 | | 105 | 60-130 | | | |
| Surrogate: Pyrene-d10 | 200 | | " | 200 | | 99.1 | 60-130 | | | |
| Surrogate: Benzo (a) pyrene-d12 | 220 | | " | 200 | | 108 | 60-130 | | | |

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

Classical Chemistry Parameters - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch B4D2007 - Saturated Paste Metals

Blank (B4D2007-BLK1)

Prepared: 04/20/2024 Analyzed: 04/22/2024

| | | | |
|---------------|----|--------|------|
| SAR | ND | 0.0100 | SAR |
| Calcium PPM | ND | 10.0 | mg/L |
| Magnesium PPM | ND | 10.0 | " |
| Sodium PPM | ND | 10.0 | " |

Duplicate (B4D2007-DUP1)

Source: Y404553-01

Prepared: 04/20/2024 Analyzed: 04/22/2024

| | | | | | | |
|---------------|------|--------|------|------|------|-----|
| Calcium PPM | 24.8 | 10.0 | mg/L | 22.5 | 9.94 | 50 |
| SAR | ND | 0.0100 | SAR | 3.22 | | 200 |
| Magnesium PPM | 3.99 | 10.0 | mg/L | 3.50 | 13.1 | 50 |
| Sodium PPM | 71.6 | 10.0 | " | 62.0 | 14.2 | 50 |

Batch B4D2417 - DTPA Sorbitol Preparation

Blank (B4D2417-BLK1)

Prepared: 04/24/2024 Analyzed: 04/25/2024

| | | | |
|-------|----|-------|------|
| Boron | ND | 0.100 | mg/L |
|-------|----|-------|------|

Duplicate (B4D2417-DUP1)

Source: Y404578-15

Prepared: 04/24/2024 Analyzed: 05/01/2024

| | | | | | | |
|-------|-------|------|------|-------|------|----|
| Boron | 0.743 | 1.00 | mg/L | 0.809 | 8.52 | 50 |
|-------|-------|------|------|-------|------|----|

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Saturated Paste - Quality Control

Origins Laboratory, Inc.

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|----------|-------------|---|------|-------------|-------|-----------|-------|
| Batch B4D2019 - Saturated Paste pH/EC | | | | | | | | | | |
| Blank (B4D2019-BLK1) | | | | | Prepared: 04/20/2024 Analyzed: 04/22/2024 | | | | | |
| Specific Conductance (EC) | ND | 0.00500 | mmhos/cm | | | | | | | |
| Duplicate (B4D2019-DUP1) | | | | | Source: Y404553-01 Prepared: 04/20/2024 Analyzed: 04/22/2024 | | | | | |
| Specific Conductance (EC) | 0.917 | 0.00500 | mmhos/cm | | 0.829 | | | 10.1 | 25 | |
| pH | 8.41 | | pH Units | | 8.42 | | | 0.119 | 25 | |

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Entrada Consulting Group
330 Grand Ave. Unit C
Grand Junction CO 81501

Chelsea Veryter
Project Number: [none]
Project: Chevron - Volkens 31-22

Total Metals by 7196A - Quality Control GEL Laboratories, LLC

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------|--------|-----------------|-----------|-------------|---|------|-------------|-----|-----------|-------|
| Batch 2602709 - SW846 3060A | | | | | | | | | | |
| BLANK (1205714914-BLK) | | | | | Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | ND | 0.346 | mg/kg | | | | - | | | U |
| LCS (1205714915-BKS) | | | | | Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | 3.28 | 0.329 | mg/kg | 3.29 | | 99.7 | 80-120 | | | |
| DUP (1205714916 D) | | | | | Source: 664354006 Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | ND | 0.308 | mg/kg dry | | <0.123 | | 0-50 | N/A | 50 | U |
| MS (1205714917 S) | | | | | Source: 664354006 Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | 2.71 | 0.309 | mg/kg dry | 3.09 | <0.124 | 86.4 | 75-125 | | | |
| DUP (1205714918 D) | | | | | Source: 664358003 Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | ND | 0.405 | mg/kg dry | | <0.162 | | 0-50 | N/A | 50 | U |
| MS (1205714919 S) | | | | | Source: 664358003 Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | 3.69 | 0.401 | mg/kg dry | 4.01 | <0.161 | 89.7 | 75-125 | | | |
| ILCS (1205714920-ILCS) | | | | | Prepared: 04/25/2024 Analyzed: 04/29/2024 | | | | | |
| Hexavalent Chromium | 8.13 | 0.390 | mg/kg | 7.92 | | 103 | 80-120 | | | |

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Entrada Consulting Group

330 Grand Ave. Unit C

Grand Junction CO 81501

Chelsea Veryter

Project Number: [none]

Project: Chevron - Volkens 31-22

Notes and Definitions

Ua Sample is Non-Detect.

U Result not detected above the detection limit

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

All soil results are reported on a wet weight basis.

Calculated results may use J-flag data (instead of reported "ND") as part of calculation to provide a more accurate result.

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