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Automated Report

Technical Report for

Occidental Petroleum Corporation

GWA_Acacia_13_17HZ

FID:755337 Reg:ECMC 615 Freq.:IN

SGS Job Number: DA65926

Sampling Date: 07/25/24

Report to:

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ATTN: Distribution6

Total number of pages in report: 20



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

A handwritten signature in black ink, appearing to read "Eric Hoffman".

Eric Hoffman

Client Service contact: Parna Payandeh 303-425-6021

Certifications: CO (CO00049), ND (R-027), UT (NELAP CO00049), LA (LA150028), TX (T104704511), WY (8TMS-L) HI (CO00049), NJ (CO011), NV (CO00049), AK (CO00049), CA (3076), and NC (08701)

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Test results relate only to samples analyzed.

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Sample Summary

Occidental Petroleum Corporation

Job No: DA65926

GWA_Acacia_13_17HZ

Project No: FID:755337 Reg:ECMC 615 Freq.:IN

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
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This report contains results reported as ND = Not detected. The following applies:

Organics ND = Not detected above the MDL

DA65926-1	07/25/24	12:21 PP	07/26/24	AQ	Trip Blank Water	BW_PLAINS_290142_TRIP_BLANK
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CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Occidental Petroleum Corporation

Job No: DA65926

Site: GWA_Acacia_13_17HZ

Report Date 8/5/2024 7:43:58 AM

On 07/26/2024, 0 sample(s), 1 Trip Blank(s), 0 Equip. Blanks and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 5.5 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA65926 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260B

Matrix: AQ	Batch ID: V5V4071
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- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA65879-1MS, DA65879-1MSD were used as the QC samples indicated.

GC Volatiles By Method SW846 8015D

Matrix: AQ	Batch ID: GGA2912
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- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA65769-51MS, DA65769-51MSD were used as the QC samples indicated.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Summary of Hits

Job Number: DA65926
Account: Occidental Petroleum Corporation
Project: GWA_Acacia_13_17HZ
Collected: 07/25/24



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA65926-1 BW_PLAINS_290142_TRIP_BLANK

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BW_PLAINS_290142_TRIP_BLANK	Date Sampled: 07/25/24
Lab Sample ID: DA65926-1	Date Received: 07/26/24
Matrix: AQ - Trip Blank Water	Percent Solids: n/a
Method: SW846 8260B	
Project: GWA_Acacia_13_17HZ	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V83132.D	1	07/26/24 17:17	MB	n/a	n/a	V5V4071
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00060	mg/l	
108-88-3	Toluene	ND	0.0010	0.00050	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00060	mg/l	
1330-20-7	Xylene (total)	ND	0.0010	0.0010	mg/l	
	m,p-Xylene	ND	0.0010	0.00096	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00060	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		70-130%
17060-07-0	1,2-Dichloroethane-D4	100%		70-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	99%		70-130%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID: BW_PLAINS_290142_TRIP_BLANK Lab Sample ID: DA65926-1 Matrix: AQ - Trip Blank Water Method: SW846 8015D Project: GWA_Acacia_13_17HZ	Date Sampled: 07/25/24 Date Received: 07/26/24 Percent Solids: n/a
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Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA66322.D	1	08/01/24 18:09	JC	n/a	n/a	GGA2912
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.040	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
120-82-1	1,2,4-Trichlorobenzene	111%		60-140%		

ND = Not detected RL = Reporting Limit E = Indicates value exceeds calibration range	MDL = Method Detection Limit J = Indicates an estimated value B = Indicates analyte found in associated method blank N = Indicates presumptive evidence of a compound
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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL: 303-425-6021 FAX: 303-425-6854
www.acctest.com

Bottle Order Control #
FED-EX Tracking #
SGS Quote #
SGS Job # DA65926

Client / Reporting Information
Project Information
Requested Analysis (see TEST CODE sheet)
Matrix Codes
Collection
Data Deliverable Information
Comments / Special Instructions
Turnaround Time (Business days)
Special Reporting Instructions
Sample Custody must be documented below each time samples change possession, including courier delivery.

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DA65926: Chain of Custody

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SGS Sample Receipt Summary

Job Number: da65926

Client: ABSAROKA

Project: GWA

Date / Time Received: 7/26/2024 12:00:00 PM

Delivery Method: co

Airbill #'s: _____

Cooler Temps (Raw Measured) °C: Cooler 1: (5.5);

Cooler Temps (Corrected) °C: Cooler 1: (5.5);

Cooler Informatio

Y or N

- 1. Custody Seals Present:
- 2. Custody Seals Intact:
- 3. Temp criteria achieved:
- 4. Cooler temp verification: IR Gun
- 5. Cooler media: Ice (Bag)

Trip Blank Information

Y or N N/A

- 1. Trip Blank present / cooler:
- 2. Trip Blank listed on COC:

W or S N/A

- 3. Type of TB Received

Sample Information

Y or N N/A

- 1. Sample labels present on bottles:
- 2. Samples presented properly
- 3. Sufficient volume/containers recv'd for analysi
- 4. Condition of sample: Intact
- 5. Sample recv'd within HT
- 6. Dates/Times/IDs on COC match sample labe
- 7. VOCs have headspace
- 8. Bottles received for unspecified tests
- 9. Compositing instructions clear
- 10. Voa Soil Kits/Jars received past 48hrs?
- 11. % Solids Jar Received?
- 12. Residual Chlorine Present?

Misc Information

Number of Encores: 25 Gram 5 Gram Number of Lab Filtered Metals
 Test Strip Lot #: pH 0-3: _____ pH 10-12: _____ Other: (Specify) _____
 Residual Chlorine Test Strip Lot _____

Comments

SM001

Rev. Date 05/04/17

Technician: JEREMYD

Date: 7/26/2024 12:22:43 PM

Reviewer: _____

Date: _____

DA65926: Chain of Custody

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Job Change Order: DA65926

Requested Date: 7/29/2024 Received Date: 7/26/2024
Account Name: Occidental Petroleum Corporation Due Date: 7/29/2024
Project Description: GWA_Acacia_13_17HZ Deliverable: COMMBN
C/O Initiated By: P_ESKAND PM: PP TAT (Days): 1

Sample #: DA65926-

Client ID:

Dept:

TAT:

Change: Please change the regulation from Voluntary to ECMC 615.

Date/Time: 7/29/2024

Above Changes Per: Tanya Cude

To Client: This Change Order is confirmation of the revisions, previously discussed with the Client Service Representative.

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA65926
 Account: ANADACOD Occidental Petroleum Corporation
 Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4071-MB	5V83120A.D	1	07/26/24	MB	n/a	n/a	V5V4071

The QC reported here applies to the following samples:

Method: SW846 8260B

DA65926-1

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.60	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
	m,p-Xylene	ND	1.0	0.96	ug/l	
95-47-6	o-Xylene	ND	1.0	0.60	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	103% 70-130%
17060-07-0	1,2-Dichloroethane-D4	101% 70-130%
2037-26-5	Toluene-D8	99% 70-130%
460-00-4	4-Bromofluorobenzene	98% 70-130%

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Blank Spike Summary

Job Number: DA65926
 Account: ANADACOD Occidental Petroleum Corporation
 Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V4071-BS	5V83118A.D	1	07/26/24	MB	n/a	n/a	V5V4071

The QC reported here applies to the following samples:

Method: SW846 8260B

DA65926-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	51.2	102	70-130
100-41-4	Ethylbenzene	50	49.9	100	70-130
108-88-3	Toluene	50	49.8	100	70-130
	m,p-Xylene	100	102	102	70-130
95-47-6	o-Xylene	50	50.7	101	70-130
1330-20-7	Xylene (total)	150	152	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	70-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	70-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA65926
 Account: ANADACOD Occidental Petroleum Corporation
 Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA65879-1MS ^a	5V83122A.D	25	07/26/24	MB	n/a	n/a	V5V4071
DA65879-1MSD ^a	5V83123A.D	25	07/26/24	MB	n/a	n/a	V5V4071
DA65879-1 ^a	5V83121A.D	25	07/26/24	MB	n/a	n/a	V5V4071

The QC reported here applies to the following samples:

Method: SW846 8260B

DA65926-1

CAS No.	Compound	DA65879-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	1250	1310	105	1250	1320	106	1	70-130/30
100-41-4	Ethylbenzene	ND	1250	1320	106	1250	1330	106	1	70-130/30
108-88-3	Toluene	13.5	J 1250	1340	106	1250	1340	106	0	70-130/30
	m,p-Xylene	ND	2500	2700	108	2500	2690	108	0	70-130/30
95-47-6	o-Xylene	ND	1250	1330	106	1250	1340	107	1	70-130/30
1330-20-7	Xylene (total)	ND	3750	4030	107	3750	4030	107	0	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA65879-1	Limits
1868-53-7	Dibromofluoromethane	101%	101%	103%	70-130%
17060-07-0	1,2-Dichloroethane-D4	99%	98%	102%	70-130%
2037-26-5	Toluene-D8	98%	98%	98%	70-130%
460-00-4	4-Bromofluorobenzene	94%	96%	98%	70-130%

(a) Sample received with headspace. Results may be biased low.

* = Outside of Control Limits.

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: DA65926
Account: ANADACOD Occidental Petroleum Corporation
Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA2912-MB	GA66316.D	1	08/01/24	JC	n/a	n/a	GGA2912

The QC reported here applies to the following samples:

Method: SW846 8015D

DA65926-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.050	0.040	mg/l	

CAS No.	Surrogate Recoveries	Limits
120-82-1	1,2,4-Trichlorobenzene	115% 60-140%

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Blank Spike Summary

Job Number: DA65926
 Account: ANADACOD Occidental Petroleum Corporation
 Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA2912-BS	GA66314.D	1	08/01/24	JC	n/a	n/a	GGA2912

The QC reported here applies to the following samples:

Method: SW846 8015D

DA65926-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	Limits
	TPH-GRO (C6-C10)	2.2	2.12	96	64-130

CAS No.	Surrogate Recoveries	BSP	Limits
120-82-1	1,2,4-Trichlorobenzene	138%	60-140%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: DA65926
 Account: ANADACOD Occidental Petroleum Corporation
 Project: GWA_Acacia_13_17HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
DA65769-51MS	GA66318.D	1	08/01/24	JC	n/a	n/a	GGA2912
DA65769-51MSD	GA66319.D	1	08/01/24	JC	n/a	n/a	GGA2912
DA65769-51	GA66317.D	1	08/01/24	JC	n/a	n/a	GGA2912

The QC reported here applies to the following samples:

Method: SW846 8015D

DA65926-1

CAS No.	Compound	DA65769-51 Spike mg/l	MS mg/l	MS %	Spike mg/l	MSD mg/l	MSD %	RPD	Limits Rec/RPD	
	TPH-GRO (C6-C10)	ND	2.2	2.03	92	2.2	2.04	93	0	49-130/30

CAS No.	Surrogate Recoveries	MS	MSD	DA65769-51 Limits
120-82-1	1,2,4-Trichlorobenzene	118%	115%	114% 60-140%

* = Outside of Control Limits.

7.3.1
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