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Automated Report

Technical Report for

Kerr-McGee Oil & Gas Onshore LP

GWA_Schrute_Farms_9_1HZ

FID:752821 Reg:Vol. Freq.:IN

SGS Job Number: DA42137

Sampling Date: 02/17/22



Report to:

Anadarko E&P Onshore LLC
112 High Street
Buffalo, WY 82834
tanya.cude@absarokasolutions.com; AnadarkoDataMngt@ghd.com;
joel.mason@absarokasolutions.com; max.moran@absarokasolutions.com;
ATTN: Tanya Cude

Total number of pages in report: 16



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.

Jason Savoie
General Manager

Client Service contact: John Barnhill 303-425-6021

Certifications: CO (CO00049), NE (NE-OS-06-04), ND (R-027), UT (NELAP CO00049)
LA (LA150028), TX (T104704511), WY (8TMS-L), HI (CO00049), NJ (CO011)

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Test results relate only to samples analyzed.

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Sample Summary

Kerr-McGee Oil & Gas Onshore LP

Job No: DA42137

GWA_Schrute_Farms_9_1HZ

Project No: FID:752821 Reg:Vol. 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

DA42137-1 02/17/22 10:50 MH 02/18/22 AQ Trip Blank Water BW_WARREN_50887_TRIP_BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: Kerr-McGee Oil & Gas Onshore LP

Job No: DA42137

Site: GWA_Schrute_Farms_9_1HZ

Report Date 2/28/2022 2:52:01 PM

On 02/18/2022, 0 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 4 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of DA42137 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: V5V3215

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

GC Volatiles By Method SW846 8015D

Matrix: AQ

Batch ID: GGA2569

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

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.

Monday, February 28, 2022

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Summary of Hits

Job Number: DA42137
Account: Kerr-McGee Oil & Gas Onshore LP
Project: GWA_Schrute_Farms_9_1HZ
Collected: 02/17/22



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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DA42137-1 BW_WARREN_50887_TRIP_BLANK

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BW_WARREN_50887_TRIP_BLANK	Date Sampled: 02/17/22
Lab Sample ID: DA42137-1	Date Received: 02/18/22
Matrix: AQ - Trip Blank Water	Percent Solids: n/a
Method: SW846 8260B	
Project: GWA_Schrute_Farms_9_1HZ	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5V64134.D	1	02/23/22 23:42	TL	n/a	n/a	V5V3215
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	1.0	0.60	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
1330-20-7	Xylene (total)	ND	1.0	1.0	ug/l	
	m,p-Xylene	ND	1.0	0.96	ug/l	
95-47-6	o-Xylene	ND	1.0	0.60	ug/l	

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

Report of Analysis

Client Sample ID: BW_WARREN_50887_TRIP_BLANK	Date Sampled: 02/17/22
Lab Sample ID: DA42137-1	Date Received: 02/18/22
Matrix: AQ - Trip Blank Water	Percent Solids: n/a
Method: SW846 8015D	
Project: GWA_Schrute_Farms_9_1HZ	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA57168.D	1	02/18/22 18:22	MB	n/a	n/a	GGA2569
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 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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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

Form containing client/reporting information, project information, requested analysis (PH, SCOM, TDS, etc.), matrix codes, and data deliverable information.

Table with columns for Client/Reporting Information, Project Information, and Collection. Includes fields for Company, Street, City, State, Project Contact, and Collection Date/Time.

Table with columns for Turnaround Time, Data Deliverable Information, and Comments/Special Instructions. Includes checkboxes for business days, emergency, and report types.

Table detailing sample custody with columns for Relinquished by, Date/Time, Received By, and Custody Seal status.

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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: DA42137
 Account: ANADACOD Kerr-McGee Oil & Gas Onshore LP
 Project: GWA_Schrute_Farms_9_1HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V3215-MB	5V64133.D	1	02/23/22	TL	n/a	n/a	V5V3215

The QC reported here applies to the following samples:

Method: SW846 8260B

DA42137-1

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	102% 70-130%
17060-07-0	1,2-Dichloroethane-D4	102% 70-130%
2037-26-5	Toluene-D8	100% 70-130%
460-00-4	4-Bromofluorobenzene	98% 70-130%

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Blank Spike/Blank Spike Duplicate Summary

Job Number: DA42137
 Account: ANADACOD Kerr-McGee Oil & Gas Onshore LP
 Project: GWA_Schrute_Farms_9_1HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5V3215-BS	5V64129.D	1	02/23/22	TL	n/a	n/a	V5V3215
V5V3215-BSD	5V64130.D	1	02/23/22	TL	n/a	n/a	V5V3215

The QC reported here applies to the following samples:

Method: SW846 8260B

DA42137-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	50	48.9	98	48.7	97	0	70-130/30
100-41-4	Ethylbenzene	50	51.0	102	51.0	102	0	70-130/30
108-88-3	Toluene	50	48.7	97	48.5	97	0	70-130/30
	m,p-Xylene	100	103	103	103	103	0	70-130/30
95-47-6	o-Xylene	50	51.8	104	51.6	103	0	70-130/30
1330-20-7	Xylene (total)	150	154	103	155	103	1	70-130/30

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

* = 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: DA42137
Account: ANADACOD Kerr-McGee Oil & Gas Onshore LP
Project: GWA_Schrute_Farms_9_1HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA2569-MB	GA57164.D	1	02/18/22	MB	n/a	n/a	GGA2569

The QC reported here applies to the following samples:

Method: SW846 8015D

DA42137-1

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	118% 60-140%

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Blank Spike/Blank Spike Duplicate Summary

Job Number: DA42137
 Account: ANADACOD Kerr-McGee Oil & Gas Onshore LP
 Project: GWA_Schrute_Farms_9_1HZ

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GGA2569-BS	GA57161.D	1	02/18/22	MB	n/a	n/a	GGA2569
GGA2569-BSD	GA57162.D	1	02/18/22	MB	n/a	n/a	GGA2569

The QC reported here applies to the following samples:

Method: SW846 8015D

DA42137-1

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	2.2	2.32	105	2.32	105	0	49-130/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
120-82-1	1,2,4-Trichlorobenzene	114%	119%	60-140%

* = Outside of Control Limits.