

**TABLE 1**  
**FORMER DINNER 14-B1 WELLHEAD**  
**GROUNDWATER ANALYTICAL RESULTS SUMMARY TABLE**  
**ORGANIC COMPOUNDS**

Sample ID	Date Sampled	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Naphthalene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Depth to Water <sup>(2)</sup> (ft.)	Groundwater Elevation (ft. AMSL)
<b>COGCC Table 915-1 Groundwater Standard (µg/L) <sup>(1)</sup></b>		<b>5</b>	<b>560</b>	<b>700</b>	<b>1,400</b>	<b>140</b>	<b>67</b>	<b>67</b>	<b>-</b>	<b>-</b>
BH01	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.08	4707.94
BH01	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.50	4705.52
BH01	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.51	4704.51
BH01	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.82	4707.20
BH02	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.12	4707.79
BH02	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.48	4705.43
BH02	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.53	4704.38
BH02	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.88	4707.03
BH03	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.01	4707.65
BH03	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.30	4705.36
BH03	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.40	4704.26
BH03	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.82	4706.84
BH04	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.86	4707.86
BH04	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.23	4705.49
BH04	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.31	4704.41
BH04	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.62	4707.10
BH05	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.67	4707.66
BH05	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	8.95	4705.38
BH05	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.09	4704.24
BH05	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.44	4706.89
BH06	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.08	4707.86
BH06	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.43	4705.51
BH06	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.54	4704.40
BH06	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.85	4707.09
BH07	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.85	4707.79
BH07	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.20	4705.44
BH07	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.35	4704.29
BH07	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.74	4706.90
BH08	11/12/2021	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	6.88	4707.66
BH08	2/16/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	9.19	4705.35
BH08	5/12/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	10.36	4704.18
BH08	8/8/2022	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	7.78	4706.76

**Notes:**

1. Groundwater standards referenced from 2 CCR 404-1, Table 915-1, January 15, 2021.
  2. Depth to water measurements were measured from ground surface for excavation samples. Monitoring well measurements were collected from top of casing and adjusted using survey data to reflect depth of water from ground surface.
- TMB = Trimethylbenzene  
COGCC = Colorado Oil and Gas Conservation Commission  
µg/L = Micrograms per liter  
(<) = Analytical result is less than the indicated laboratory reporting limit.  
ft. = Feet  
AMSL = Above Mean Sea Level

## Attachment A

# Summit Scientific

---

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

August 10, 2022

Mark Longhurst

PDC Energy

1775 Sherman St. STE. 3000

Denver, CO 80203

RE: Dinner 14 B-1

Work Order #2208108

Enclosed are the results of analyses for samples received by Summit Scientific on 08/08/22 17:43. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Mikayla Axtell For Paul Shrewsbury

President



PDC Energy  
1775 Sherman St. STE. 3000  
Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]

Project Manager: Mark Longhurst

**Reported:**  
08/10/22 13:41

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH01	2208108-01	Water	08/08/22 12:43	08/08/22 17:43
BH02	2208108-02	Water	08/08/22 12:35	08/08/22 17:43
BH03	2208108-03	Water	08/08/22 12:13	08/08/22 17:43
BH04	2208108-04	Water	08/08/22 13:26	08/08/22 17:43
BH05	2208108-05	Water	08/08/22 13:13	08/08/22 17:43
BH06	2208108-06	Water	08/08/22 13:42	08/08/22 17:43
BH07	2208108-07	Water	08/08/22 13:34	08/08/22 17:43
BH08	2208108-08	Water	08/08/22 12:04	08/08/22 17:43

Summit Scientific

*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.*



S<sub>2</sub>

2208108

S2 Work Order#

Sample Receipt Checklist

Client: Procterman Client Project ID: Dinner 14-B1

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other \_\_\_\_\_ Airbill #: \_\_\_\_\_

Grid with a dash in the second cell

Matrix (Check all that apply) Air  Soil/Solid  Water  Other

Temp (°C) 6.0

Thermometer # 1

Table with 5 columns: Question, Yes, No, N/A, Comments (if any). Rows include questions about cooling, sample integrity, volume, custody seals, 48-hour rule, water samples, COC form, pH, and preservation.

Additional Comments (if any):

(1) If NO, then contact the client before proceeding with analysis and note in case narrative.

[Signature]  
Custodian Printed Name

8-8-22  
Date/Time



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1  
 Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH01**  
**2208108-01 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 12:43**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Benzene	ND	1.0		ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0		"	"	"	"	"	"	
Ethylbenzene	ND	1.0		"	"	"	"	"	"	
Xylenes (total)	ND	2.0		"	"	"	"	"	"	
Naphthalene	ND	1.0		"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0		"	"	"	"	"	"	

Date Sampled: **08/08/22 12:43**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Surrogate: 1,2-Dichloroethane-d4		159 %		23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %		20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		110 %		21-167		"	"	"	"	

Summit Scientific

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.



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1  
 Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH02**  
**2208108-02 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 12:35**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		164 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		111 %	21-167		"	"	"	"	

Summit Scientific

*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.*



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]

Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH03**  
**2208108-03 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 12:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 12:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		160 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		100 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Summit Scientific

*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.*



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]

Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH04**  
**2208108-04 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 13:26**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 13:26**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		160 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Summit Scientific

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.



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1  
 Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH05**  
**2208108-05 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 13:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 13:13**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		162 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	21-167		"	"	"	"	

Summit Scientific

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.



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH06**  
**2208108-06 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 13:42**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/09/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 13:42**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		162 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		101 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Summit Scientific

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.



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1  
 Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH07**  
**2208108-07 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 13:34**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/10/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 13:34**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		161 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		109 %	21-167		"	"	"	"	

Summit Scientific

*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.*



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]  
 Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**BH08**  
**2208108-08 (Water)**

**Summit Scientific**

**Volatile Organic Compounds by EPA Method 8260B**

Date Sampled: **08/08/22 12:04**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Benzene	ND	1.0	ug/l	1	BFH0190	08/09/22	08/10/22	EPA 8260B	
Toluene	ND	1.0	"	"	"	"	"	"	
Ethylbenzene	ND	1.0	"	"	"	"	"	"	
Xylenes (total)	ND	2.0	"	"	"	"	"	"	
Naphthalene	ND	1.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	1.0	"	"	"	"	"	"	

Date Sampled: **08/08/22 12:04**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Surrogate: 1,2-Dichloroethane-d4		157 %	23-173		"	"	"	"	
Surrogate: Toluene-d8		102 %	20-170		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		108 %	21-167		"	"	"	"	

Summit Scientific

*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.*



PDC Energy  
1775 Sherman St. STE. 3000  
Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]  
Project Manager: Mark Longhurst

**Reported:**  
08/10/22 13:41

### Volatile Organic Compounds by EPA Method 8260B - Quality Control

#### Summit Scientific

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

#### Batch BFH0190 - EPA 5030 Water MS

##### Blank (BFH0190-BLK1)

Prepared & Analyzed: 08/09/22

Benzene	ND	1.0	ug/l								
Toluene	ND	1.0	"								
Ethylbenzene	ND	1.0	"								
Xylenes (total)	ND	2.0	"								
Naphthalene	ND	1.0	"								
1,2,4-Trimethylbenzene	ND	1.0	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
<i>Surrogate: 1,2-Dichloroethane-d4</i>	21.6		"	13.3		162		23-173			
<i>Surrogate: Toluene-d8</i>	13.4		"	13.3		101		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	14.6		"	13.3		110		21-167			

##### LCS (BFH0190-BS1)

Prepared & Analyzed: 08/09/22

Benzene	18.7	1.0	ug/l	33.3		56.0		51-132			
Toluene	28.3	1.0	"	33.3		85.0		51-138			
Ethylbenzene	38.1	1.0	"	33.3		114		58-146			
m,p-Xylene	70.1	2.0	"	66.7		105		57-144			
o-Xylene	35.0	1.0	"	33.3		105		53-146			
Naphthalene	33.2	1.0	"	33.3		99.6		70-130			
1,2,4-Trimethylbenzene	37.8	1.0	"	33.3		113		70-130			
1,3,5-Trimethylbenzene	37.3	1.0	"	33.3		112		70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	22.2		"	13.3		166		23-173			
<i>Surrogate: Toluene-d8</i>	13.8		"	13.3		103		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	14.7		"	13.3		110		21-167			

##### Matrix Spike (BFH0190-MS1)

Source: 2208108-02

Prepared & Analyzed: 08/09/22

Benzene	19.0	1.0	ug/l	33.3	ND	56.9		34-141			
Toluene	28.6	1.0	"	33.3	ND	85.7		27-151			
Ethylbenzene	40.2	1.0	"	33.3	ND	121		29-160			
m,p-Xylene	73.8	2.0	"	66.7	ND	111		20-166			
o-Xylene	36.4	1.0	"	33.3	ND	109		33-159			
Naphthalene	32.0	1.0	"	33.3	ND	96.1		70-130			
1,2,4-Trimethylbenzene	39.7	1.0	"	33.3	ND	119		70-130			
1,3,5-Trimethylbenzene	39.2	1.0	"	33.3	ND	118		70-130			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	22.1		"	13.3		166		23-173			
<i>Surrogate: Toluene-d8</i>	13.6		"	13.3		102		20-170			
<i>Surrogate: 4-Bromofluorobenzene</i>	14.6		"	13.3		110		21-167			

Summit Scientific

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.



PDC Energy  
 1775 Sherman St. STE. 3000  
 Denver CO, 80203

Project: Dinner 14 B-1

Project Number: [none]

Project Manager: Mark Longhurst

**Reported:**  
 08/10/22 13:41

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**

**Summit Scientific**

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

**Batch BFH0190 - EPA 5030 Water MS**

Matrix Spike Dup (BFH0190-MSD1)	Source: 2208108-02			Prepared & Analyzed: 08/09/22							
Benzene	19.2	1.0	ug/l	33.3	ND	57.5	34-141	1.05	30		
Toluene	28.7	1.0	"	33.3	ND	86.1	27-151	0.384	30		
Ethylbenzene	39.9	1.0	"	33.3	ND	120	29-160	0.674	30		
m,p-Xylene	73.9	2.0	"	66.7	ND	111	20-166	0.122	30		
o-Xylene	36.2	1.0	"	33.3	ND	109	33-159	0.358	30		
Naphthalene	33.3	1.0	"	33.3	ND	99.9	70-130	3.95	30		
1,2,4-Trimethylbenzene	39.8	1.0	"	33.3	ND	119	70-130	0.226	30		
1,3,5-Trimethylbenzene	39.2	1.0	"	33.3	ND	118	70-130	0.00	30		
Surrogate: 1,2-Dichloroethane-d4	22.0		"	13.3		165	23-173				
Surrogate: Toluene-d8	13.3		"	13.3		99.8	20-170				
Surrogate: 4-Bromofluorobenzene	14.5		"	13.3		109	21-167				

Summit Scientific

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.



PDC Energy  
1775 Sherman St. STE. 3000  
Denver CO, 80203

Project: Dinner 14 B-1  
Project Number: [none]  
Project Manager: Mark Longhurst

**Reported:**  
08/10/22 13:41

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference