



REPORT

August 2025 Ambient Air Monitoring Report Rain Carbon Canada Inc.

Submitted by:

Rain Carbon Canada Inc.

725 Strathearne Avenue North Hamilton, Ontario L8H 5L3

September 2025

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1.0 INTRODUCTION

Rain Carbon Canada Inc. (Rain Carbon) is required to prepare monthly written summary reports of benzo(a)pyrene [B(a)P] and benzene ambient monitoring measurements for the coal tar and petroleum material processing plant located at 725 Strathearne Avenue N., Hamilton, Ontario (the Facility). This is the eighty second monthly report submitted as part of the Rain Carbon ambient monitoring program and summarizes the measurements taken in August 2025.

The ambient air monitoring measurements for August 2025 follow the December 12, 2019, Monitoring Plan for B(a)P and Benzene (the Plan) approved by the Ontario Ministry of the Environment, Conservation and Parks (MECP) on December 20, 2019. A copy of the Plan has been provided in Appendix A.

Rain Carbon operates the fence line monitors for benzene and B(a)P at the East, North, South, New West, and Old West environmental monitoring stations. Rain Carbon conducted monitoring for benzene and B(a)P monitoring off site at the HAMN station 29164 from August 2022 through December 2022 and resumed monitoring on August 7, 2023.

This report includes the following information for measurements taken in August 2025:

- Identification of each location at which a measurement was taken.
- For each location, the concentration of each measurement taken.
- The date and time each measurement was taken.

2.0 AMBIENT MONITORING STATIONS

The monitoring program consists of setting up two types of sampling systems at five locations at the Facility. The two sampling systems included the polyurethane foam (PUF) polyaromatic hydrocarbon (PAH) sampling system for B(a)P and the SUMMA volatile organic carbon (VOC) canister sampling system for benzene. Samples were collected over a 24-hour period. The monitoring stations are listed below, and their locations are shown in Figure 1.

Table 1: Rain Carbon Ambient Air Quality Monitoring Stations

Station Location	Height Above Grade (m)
North - Tank 91	4.1
East - South of Tank-36	3.4
South - Berm	3.2
New West – West Fence line at Railcar Track 2 Spot 10.	4.0
Old West - Tank-77 Platform	13.0
Hamilton Area Monitoring Network (HAMN) Station 29164	4.0

The South berm monitor is placed just over two metres above grade by the berm located on the south side of the Facility as shown in Figure 2. The Old West monitor at Tank 77 is placed on the upper platform located on the west side of the Facility as shown in Figure 3. The platform is approximately 13 metres above grade. As shown in Figure 4, the North monitor is located at the north fence line, north of Tank 91, and placed 4.1 metres above grade and at least 2 metres away from any structure. The East monitor is at the east fence line, south of Tank 36, with an inlet height of 3.4 metres above grade. The New West monitor is located at the west fence line on a new dedicated stand-alone platform at approximately 4 metres above grade.

Air quality data acquisition and instrument performance were conducted by Rain Carbon Canada Inc. personnel and the laboratory analysis was conducted by Bureau Veritas Laboratories, which is ISO1702 compliant and accredited. The following supporting documents are provided:

- Laboratory Analysis in Appendix B;
- Chain of custody forms in Appendix C;
- Laboratory Certificates of Analysis in Appendix D; and
- Field notes in Appendix E.



Figure 1: Monitor and Source Locations



Figure 2: Monitor Location on the South Side of the Facility



Figure 3: Monitor Locations on the West Side of the Facility



Figure 4: Monitor Locations on the North Side and East Side of the Facility

3.0 SUMMARY OF MONITORING EQUIPMENT CONDITIONS

The laboratory Certificate of Analysis for each monitoring event includes information on the volume of the sample collected for the PUF (B(a)P) monitoring system, and the residual vacuum pressures for the SUMMA canisters (benzene) monitoring equipment. For the PUF system, the MECP has flow requirements of 8 CFM +/- 10% which is equivalent to total volumes between 293.6 m³ and 358.8 m³ over 24 hours. The summa canister pressures on receipt and PUF filter total volumes are presented below in Tables 2 and 3.

For the August 2025 B(a)P monitoring results, all the recorded PUF volumes were inside the MECP specified range of between 293.6 m³ and 358.8 m³ over 24 hours

For the August 2025 benzene monitoring results, all the summa canister pressures on receipt were within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg except for at the east and north VOC monitors on the **Sunday August 17, 2025, MECP monitoring event**.

The east VOC monitor recorded summa canister pressures on receipt of – 13.84 inches Hg likely due to the very high ambient air temperature on the **Sunday August 17, 2025, MECP monitoring event** impacting the east monitor VOC sampler timer air flows.

The north VOC monitor recorded summa canister pressures on receipt of – 30.00 inches Hg likely due to the VOC sampler timer internal valve failing to open on the **Sunday August 17, 2025, MECP monitoring event** so that no sample was obtained at the north VOC monitor.

The north VOC monitor was successfully operated again on the **Wednesday August 20, 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Tuesday August 26, 2025, additional east VOC monitor monitoring event.**

Prior to the **Friday August 29, 2025, MECP monitoring event**, Rotek Inc. conducted the Q3 2025 cleaning, service, repair and calibration of all B(a)P and VOC monitors on **Wednesday August 27, 2025**.

The B(a)P monitor motors were all replaced and the east and north VOC monitor MFC flowrates were increased slightly for the warm weather conditions in order to elevate slightly the final summa canister pressures on receipt at these two locations.

Table 2: Summa Canister Pressures on Receipt (inches Hg)

Monitoring Event	Benzene		ster Pressure nes Hg)	on Receipt		
Date	East	North	Old West	South	New West	HAMN STN 29164
August 5	- 8.35	- 9.16	- 10.18*	-10.99*	- 8.75	-9.16
August 17	-13.84**	- 30.00**	-10.18*	-12.42*	- 8.14	-7.74
August 20, 2025, North VOC Monitor additional monitoring event	•	- 9.16	-	-	-	-
Tuesday August 26, 2025, East VOC Monitor additional monitoring event.	-7.74	-	-	-	-	-
August 29	- 8.96	- 5.50	- 5.90	- 5.09	- 7.33	-8.35

^{*}Sample is acceptable as within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg but outside the MECP recommended pressure on receipt range of - 5 to -10 inches Hg.

Table 3: PUF Filter Total Volumes

Manifesta		+				
Monitoring Event Date	East	North	Old West	South	New West	HAMN STN 29164
August 5	333.8	310.8	321.5	320.4	318.7	317.2
August 17	328.2	301.9	313.7	321.9	319.5	310.1
August 29	322.1	311.8	316.7	321.9	314.2	310.4

^{**} Sample is invalid as the Summa canister pressure on receipt was outside the MECP acceptable range of -1.6 to -13.4 inches Hg.

4.0 SUMMARY OF BENZENE MEASUREMENTS

Table 4: Summary of August 2025 Benzene Measurements

Manitoving Event		Mea	asured Concen	tration [μg/ι	m ³]	
Monitoring Event Date	East	North	Old West	South	New West	HAMN STN 29164
August 5	5.16	1.40	8.99*	45.1*	3.25	0.783
August 17	Invalid sample**	No sample**	4.39	15.8	2.53	0.513
August 20, 2025, North VOC Monitor additional monitoring event.	-	0.428	-	-	-	-
August 26, 2025, East VOC Monitor additional monitoring event.	15.3	-	-	-	-	-
August 29	11.8	2.43	1.84	43.4	2.09	1.04

^{*}Sample is acceptable as within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg but outside the MECP recommended pressure on receipt range of - 5 to -10 inches Hg.

Three sets of benzene measurements were taken in August 2025. In addition, the north VOC monitor was successfully operated again on the **Wednesday August 20, 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Tuesday August 26, 2025, additional east VOC monitor monitoring event.** The measurements range from $0.513 \, \mu g/m^3$ to **45.1 \mu g/m^3 benzene**, with the highest value being detected at the **south monitor** during the **Tuesday August 5, 2025, MECP monitoring event**.

All the benzene concentrations measured during the August 2025 MECP monitoring events were below the 24-hour Upper Risk Threshold (URT) of $100 \mu g/m^3$ benzene.

^{**} Sample is invalid as the Summa canister pressure on receipt was outside the MECP acceptable range of -1.6 to -13.4 inches Hg.

5.0 SUMMARY OF B(a)P MEASUREMENTS.

Table 5: Summary of August 2025 B(a)P Measurements.

Monitorina		Me				
Monitoring Event Date	East	North	Old West	South	New West	HAMN STN 29164
August 5	< 0.00030	< 0.00032	0.00075	0.00069	0.00075	< 0.00032
August 17	0.00030	< 0.00033	0.00077	0.00068	0.00031	< 0.00032
August 29	0.00217	0.00301	0.00120	0.00130	0.00153	0.00110

Three sets of B(a)P measurements were taken in August 2025. The B(a)P measurements ranged from < $0.00030 \,\mu\text{g/m}^3$ to $0.00301 \,\mu\text{g/m}^3$ B(a)P, with the highest value being detected at the **north monitor** during the **Friday August 29, 2025, monitoring event**. All the B(a)P measurements are summarized in Table 5 above, and copies of the laboratory analysis reports are provided in Appendix B.

All the B(a)P concentrations measured during the three August 2025 monitoring events were below the $0.0043 \mu g/m^3$ Measured Level Threshold (MLT) and below the 24-hr Upper Risk Threshold (URT) of $0.0050 \mu g/m^3$ B(a)P.

6.0 CONCLUSIONS

All of the B(a)P concentrations measured during the three August 2025 monitoring events were below the $0.0043~\mu g/m^3$ Measured Level Threshold (MLT) and below the 24-hr Upper Risk Threshold (URT) of $0.0050~\mu g/m^3~B(a)P$.

All the benzene concentrations measured during the three August 2025 MECP monitoring events were below the 24-hour Upper Risk Threshold (URT) of $100 \mu g/m^3$ benzene.

All of the summa canister pressures on receipt were within the MECP acceptable pressure of receipt of between -1.6 to -13.4 inches Hg except for at the east and north VOC monitors on the **Sunday August 17**, **2025**, **MECP monitoring event**.

The east VOC monitor recorded summa canister pressures on receipt of – 13.84 inches Hg likely due to the very high ambient air temperature on the **Sunday August 17, 2025, MECP monitoring event** impacting the east monitor VOC sampler timer air flows. The north VOC monitor recorded summa canister pressures on receipt of – 30.00 inches Hg likely due to the VOC sampler timer internal valve failing to open on the **Sunday August 17, 2025, MECP monitoring event** so that no sample was obtained at the north VOC monitor.

The north VOC monitor was successfully operated again on the **Wednesday August 20, 2025, additional north VOC monitor monitoring event** and the east VOC monitor was successfully operated again on the **Tuesday August 26, 2025, additional east VOC monitor monitoring event.**

Signature Page

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APPENDIX A Monitoring Plan





REPORT

Monitoring Plan for Benzo(a)pyrene and Benzene Rain Carbon Canada Inc.

Submitted to:

Distribution List

Submitted by:

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September 2020

Distribution List

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APPENDIX A

Site Photos

1.0 INTRODUCTION

Rain Carbon Canada Inc. (Rain Carbon) prepared an amendment to the monitoring plan (the Plan) which was approved by the Ontario Ministry of Environment, Conservation and Parks (MECP) in November 2019 as part of the conditions of the Site-Specific Standard (SSS) approvals for B(a)P (no. 201-17-rv0) and benzene (no. 202-17-rv0) issued to the Facility on November 21, 2017.

This updated Plan has been prepared to incorporate the fact that the north, east and west monitoring stations have now all been relocated as described in the Plan issued in November 2019 and are now all operational.

(The Plan describes the current air monitoring program performed to monitor concentrations of B(a)P and benzene emissions from the Facility).

1.1 Description of the Facility

Rain Carbon operates a coal tar and petroleum material processing plant located at 725 Strathearne Avenue N., Hamilton, Ontario. The Facility employs 85 people. The size of the plant is about 14 acres and it is in an area zoned for industrial use. The location of the Facility is presented in Figure 1 – Site Location Plan.

1.2 Description of the Process

Rain Carbon processes coal tar and petroleum-based materials into products. The primary production line is to manufacture coal tar pitch and coal tar distillates (CTDs) by processing coal tar. The process is comprised of the following processes and equipment:

- Coal Tar Handling;
- Distillation Process;
- Product Storage Handling;
- Natural Gas Combustion Equipment;
- Fume Gathering and Incineration (FGI) System;
- Fume Scrubber System (FSS); and
- Wastewater Collection and Treatment.

1.3 Operating Schedule

The Facility operates continuously 24 hours a day, seven days a week and 52 weeks per year.

2.0 AIR QUALITY MONITORING PROGRAM

2.1 Sampling Systems and Methodology

As B(a)P and benzene require different sampling methods, two types of sampling systems will be installed at each monitoring location (described below in Section 2.2). A PUF PAH sampling system will be used to detect condensable and non-condensable fractions of B(a)P while a VOC canister system will be used to detect benzene.

Samples will be taken over 24-hour period every 12 days. This schedule will be matched to that of the Hamilton Air Monitoring Network (HAMN) to enable comparisons with background B(a)P and benzene levels.

Monitoring will be carried out in accordance with the standard procedures summarized in Table 2.1.

Table 2.1: Standard Operation Procedures for Monitoring

Pollutant	Reference Documents	Method
Benzene	USEPA Report EPA/625/R-96/010/b, USEPA Method TO-15. ASTM Method D5466-01 Standard Test Method for the Determination of VOCs (Canister Sampling Method) Environment Canada SOP for Passive Canister Sampling – Passive FCSOP05.	Determination of VOCs in Air Collected in Specially Prepared Canister.
B(a)P	SEPA Report EPA/625/R-96/010/b, USEPA Method TO-13A. ASTM Method D6209-98 (2004), Vol. 11.07 A Guide to Air Filter (TSP and PM¬10) Sampling and Submission, Ministry of the Environment, Conservation and Parks, May 2003.	Determination of PAHs in Ambient Air Using the hi-vol Method with Teflon-coated Glass Fiber Filter and Sorbent Cartridge; Quantitative GC/MS Detection.

Rain Carbon worked with Rotek Environmental Inc. (Rotek) and others to install the monitoring equipment. Samples are collected by Rain Carbon staff and sent to an accredited laboratory for analysis. Rain Carbon will prepare the monitoring reports as required by the orders.

2.1.1 Calibration

Calibrations will be carried out in accordance with MECP standard operating procedures stating that operators must perform an external performance check and calibration on continuous and non-continuous air monitoring and sampling equipment with a certified calibration unit. This requires that the calibration materials/gases and measurement devices, such as flow meters and pressure gauges, must be certified for accuracy against a reference or transfer standard traceable to a primary reference standard of the United States National Institute of Standards and Technology (NIST) or another equivalent international standards institute. This is to ensure consistency across the province and reproducibility. Calibration devices must also undergo an annual certification assessment.

The monitoring equipment is calibrated by Rotek.

2.2 Monitor Locations

The monitoring locations were selected based on input from the MECP. Based on experience gained through implementing the monitoring program, Rain Carbon relocated the original North, East, and West Monitoring Stations but not the South Monitoring Station. The descriptions of the monitoring station locations are summarized in Table 2.2 below. The monitoring station locations are shown in Figure 2.

Table 2.2: Monitoring Station Locations.

Monitoring Station	Location
North Monitor	This location is at the north fence line, north of Tank 91, with the inlet at an elevation of between 3 m and 15 m above grade and positioned at a distance of at least 2 m away from any structure.
East Monitor	This location is at the east fence line and east of Tank 36 with the inlet at a distance equal or greater than 2 m away from a structure and at an elevation of between 3 m and 15 m above grade.
Old West Monitor	This old west location, approximately 8 metres east of the property boundary, is on a platform above Tank 77 (approximately 13 above grade) is currently located relatively close to and above the railcar loading stations.
New West Monitor	This new west location is closer to ground level to be consistent with the other monitor locations, between the west fence line and the rail tracks, and north of the railcar track 2 spot 10 area with the inlet at an elevation of between 3 m and 15 m above grade and positioned far from any structure.
South Monitor	This location is at the south fence line, south of Tank 3, with the inlet at an elevation of between 3 m and 15 m above grade and positioned at a distance of at least 2 m away from any structure.

Detailed descriptions of the emission sources at the Facility are summarized in the Monitoring Plan approved by the MECP in April 2018.

2.2.1 Siting Criteria

A comparison of each monitoring location against the siting criteria set out in the MECP Operations Manual is provided in Table 2.3 below.

Table 2.3: Monitor Locations Comparison to MECP Siting Criteria.

Contaminant Critoria				Monitor Location			
Contaminant	Criteria	North	East	Old West	New West	South	
B(a)P and Benzene	Inlet height 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	Inlet 3 to 15 m above grade	
B(a)P and Benzene Inlet at least 1 m (vertical) and 2 m (horizontal) away from structure		Yes	Yes	Yes	Yes	Yes	
B(a)P and Benzene	No nearby furnace or incineration flues	None	None	None	None	None	
B(a)P	Avoids nearby non-process PAH sources (asphalt rooftops, rooftop tarring and roadway/parking lot paving activities) and smoking areas	Yes	Yes	Yes	Yes	Yes	
Benzene Meets minimum separation distance from roadway (10 m)		Yes	Yes	Yes	Yes	Yes	

2.3 Meteorological Data and Background Concentrations

The HAMN is used to document meteorological conditions during monitoring events. The previous closest meteorological station to the Facility was station STN29165; however, this station has not been operational since November 1, 2017. Meteorological conditions will be documented using the following nearby HAMN stations: STN29102, STN29180, and STN29565. When conditions are highly variable, the following stations may also be used to document meteorological conditions: STN29167, STN29171, and STN29567.

The background benzene and B(a)P concentrations in the vicinity of the Facility will be reviewed to evaluate the potential impact of nearby sources of emission on the Facility. Rain Carbon will use data from nearby HAMN monitoring stations, prepared by HAMN on a quarterly basis. The HAMN stations to be used

to inform background concentrations include the following HAMN stations: STN29567, STN29547, STN29102 and STN29180. Information on these stations is presented in Table 2.4.

Table 2.4: Meteorological Station Information

HAMN Station	29567	29180	29547	29102	29167	29171	29565
Wind Speed and Direction	✓	✓	1	✓	✓	✓	√
B(a)P Concentration	✓	✓	✓	_		_	
Benzene Concentration	✓	✓	_	✓	_	_	_
Approximate Distance from Facility [km]	3.9	2.4	1.0	1.5	1.7	2.3	1.3
Orientation from Facility	W	wsw	N	NNE	NNW	WNW	S

The background data assessment will be used to provide context for the Rain Carbon monitoring results should high values be measured. Please note that background values will not be subtracted from the Rain Carbon monitoring results.

2.4 Laboratory Analysis

Rain Carbon will continue to work with the same accredited laboratories that have been retained to analyse samples obtained from the HAMN. The proposed method detection limits and analytical methods are summarized below in Table 2-5.

Table 2.5: Analytical Methodology

Contaminant	Methodology	Method Detection Limit
B(a)P	Gas chromatography mass spectrometry	0.0001 μg/m³ (0.1 ng/m³)
Benzene	Mass spectrometry or other detector(s) such as flame ionization detector (FID) or electron capture detector (ECD)	0.16 μg/m³

2.5 Review of Monitoring Locations

As fees for monitoring equipment rental and/or purchase, sampling materials and laboratory analysis represent a significant, long-term capital expense, Rain Carbon will continue to review the effectiveness and value of each monitoring location. In consultation with the District Manager and the Environmental Monitoring Team, Rain Carbon will propose if any of the monitors can be removed.

3.0 REPORTING

Summary reports of B(a)P and benzene monitoring results will be submitted to the District Manager and the Environmental Monitoring Team as set out in the SSS approval documents.

3.1 Measured Level Threshold

Within 30 days of a B(a)P concentration measuring above the Measured Level threshold in the SSS approval, Rain Carbon will submit a report to the District Manager and SDB Director. The report will contain information such as an analysis of the cause of the measurement above the Measured Level threshold, the Facility production rate at the time and other items as required by Condition 2 of the B(a)P SSS approval.

4.0 CLOSURE

This monitoring plan describes the amended air monitoring program that will be performed in accordance with the Rain Carbon SSS approvals for B(a)P and benzene.

Signature Page

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Figures

Figure 1: Site Plan



Figure 2: Environmental Monitor Locations



APPENDIX A

Site Photos

Figure A1: Site-Wide Aerial View 1



Figure A2: Site-Wide Aerial View 2



Figure A4: Aerial View 2 – North Monitoring Station.





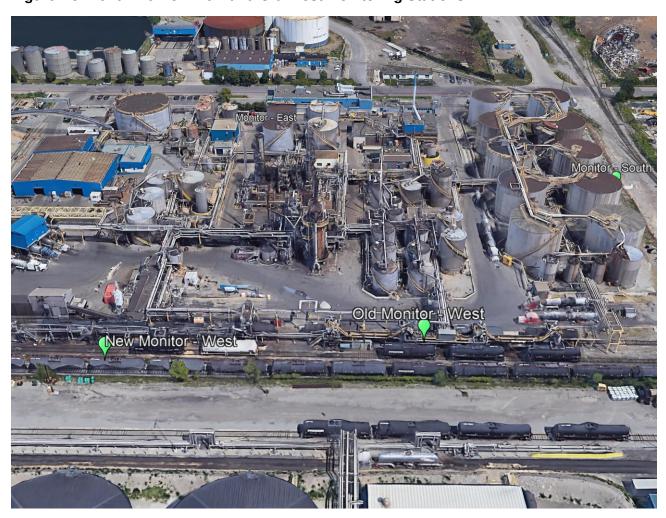
North monitor

Figure A3: Aerial View 1 – Existing South Monitoring Station

South

Google Earth

Figure A3: Aerial View 3 – New and Old West Monitoring Stations





New West Monitor

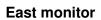




Figure A4: Aerial View 4 – East Monitoring Station



APPENDIX B

Laboratory Analysis

Rain Carbon Canada Inc. - Monthly BaP Sampling Report

Reporting Period : August 2025

Sampling Methods : CARB429(ARBM1,M2) mod

Sampling Times : 24-hour duration starting at 00:00 EST on the Sample Date

Parameter			
Units			
Analytical RDL			
Annual Site-Specific Standard			

ВаР
ng/m³
0.315
0.8

Sample Date
August 5, 2025
August 17, 2025
August 29, 2025

Location					
East	North	Old West	South	New West	STN29164
0.15	0.16	0.75	0.69	0.75	0.16*
0.30	0.165	0.77	0.68	0.31	0.16*
2.17	3.01	1.20	1.30	1.53	1.10

Monthly Ave				
Monthly Max				
Monthly Min				
No. of Samples > Standard				
No. of Valid Samples				
% Valid Data				

0.87	1.11	0.91	0.89	0.86	0.47
2.17	3.01	1.20	1.30	1.53	1.10*
0.15	0.16	0.75	0.68	0.31	0.16*
1	1	1	1	1	1*
3	3	3	3	3	3*
100	100	100	100	100	100*

^{*}These results alone follow Rotek reporting protocol.** Invalid sample as the total PUF volumes recorded were under the minimum volume requirement of 293.6 m^{3.} ** Sample not obtained as no power to the PAH monitor. **Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

Comments:		

Rain Carbon Canada Inc. - VOC Sampling Report

Reporting Period : August 2025 **Sampling Methods** : GC/MS (TO15)

Sampling Times : 24-hour duration starting at 00:00 EST on the Sample Date

Parameter		
Units		
Analytical RDL		
Annual Site-Specific Standard		

Benzene
μg/m³
0.319
12.7

Sample Date
August 5, 2025
August 17, 2025
August 20, 2025
(North VOC Monitor
Additional monitoring event)
August 26, 2025
(East VOC Monitor Additional
monitoring event)
August 29, 2025

Location						
East	North	Old West	South	New West	STN29164	
5.16	1.40	8.99	45.1	3.25	0.783*	
Invalid sample	Sampler failure	4.39	15.8	2.53	0.513*	
-	0.428	-	-	-	-	
15.3	-	-	-	-	-	
11.8	2.43	1.84	43.4	2.09	1.04*	

Monthly Ave
Monthly Max
Monthly Min
No. of Samples >Standard
No. of Valid Samples
% Valid Data

10.75	1.42	5.07	34.8	2.62	0.779*
15.3	2.43	8.99	45.1	3.25	0.104*
5.16	0.428	1.84	15.8	2.09	0.513*
1	0	0	3	0	0*
3	3	3	3	3	3*
100	100	100	100	100	100*

^{*}These results alone follow Rotek reporting protocol. **Note:** All non detectable results reported as ½ the Reportable Detection Limit (RDL).

Comments:			

Rain Carbon Canada Inc. - Monthly BaP Sampling Report

Reporting Period : August 2025

Sampling Method : CARB429(ARBM1,M2) mod

Sampling Times : 24 hour duration starting at 00:00 EST on the Sample Date

Parameter	ВаР
Units	ng/m³
Analytical RDL	0.315
Annual Site Specific Standard	0.8

Sample Date	Location						
Sample Date	East	North	Old West	South	New West	STN29164	
05-Aug-25						0.16	
17-Aug-25						0.16	
29-Aug-25						1.10	
Monthly Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.47	
Monthly Max	0.00	0.00	0.00	0.00	0.00	1.10	
Monthly Min	0.00	0.00	0.00	0.00	0.00	0.16	
No. of Samples >Standard	0	0	0	0	0	1	
No. of Valid Samples	0	0	0	0	0	3	
% Valid Data	100	100	100	100	100	100	

 $\textbf{Note:} \ \textbf{All non detectable results reported as } \% \ \textbf{the Reportable Detection Limit (RDL)}.$

Comments			

Rain Carbon Canada Inc. - VOC Sampling Report

Reporting Period : August 2025 **Sampling Methods** : GC/MS (TO15)

Sampling Times : 24 hour duration starting at 00:00 EST on the Sample Date

Parameter	Benzene
Units	ug/m³
Analytical RDL	0.319
Site Specific Standard	12.7

Sample Date			Loca	ation		
Sample Date	East	North	Old West	South	New West	STN29164
05-Aug-25						0.78
17-Aug-25						0.51
29-Aug-25						1.04
Monthly Ave	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.78
Monthly Max	0.00	0.00	0.00	0.00	0.00	1.04
Monthly Min	0.00	0.00	0.00	0.00	0.00	0.51
No. of Samples >Standard	0	0	0	0	0	0
No. of Valid Samples	0	0	0	0	0	3
% Valid Data	100	100	100	100	100	100

 $\textbf{Note:} \ \textbf{All non detectable results reported as $1\!\!/_{\!\!2}$ the Reportable Detection Limit (RDL).}$

Con	nments		



APPENDIX C

Chain of Custody Forms

BUR EAU	6740 Campo Mississauga	bello Rd												
	www.bvlabs.	Ontario ,L5	5N 2L8	Phone:	1-800-668- (905) 817-5 (905) 817-5	700	CHAIN OF CUSTODY FORM - AIR			41	NALYSIS RE	OUESTED	Page _	of
EAGLIERALE.	www.bviabs.	COITI		rax.	(905) 817-5	111	PAHs on PUF as per ERP 7013		П	AN	NALYSIS RE	QUESTED		
	Company Name: R	ain Carbon	Canada Inc.											
CLIENT INFORMATION F	Project Manager: R	obin Hart												
			aincarbon.com				1							
	Address: 7	25Strathear	rne Avenue											
SECTION	<u> H</u>	lamilton, ON	١								1			
	Phone: 1	-647-281-80	094	Fax:										
	Sampled by: R	ohin Hart]							
	Sampled by. IN	ODIT HAIL												
			Total Volume		Collection	Sample Collection								
Field Sample ID			[10] [10] [10] [10] [10] [10] [10] [10]	Flow Rate		Time								
East Monitor PAH August 5	, 2025 ATLW29-01		333.80		5/Aug/25	24 hours	x							
North Monitor PAH August 8	5, 2025 ATLW30-0	1	310.80		5/Aug/25	24 hours	x							
Old West Monitor PAH Aug	ust 5, 2025 ATLW:	31-01	321.50		5/Aug/25	24 hours	x							
South Monitor PAH August	5, 2025 ATLW32-0)1	320.40		5/Aug/25	24 hours	x							
New West Monitor PAH Aug	gust 5, 2025 ATLW	/33-01	318.70		5/Aug/25	24 hours	x ,							
						•								
TAT Description	Inno inot in	IFORMATI			DEDOREN	0.0501405								
TAT Requirement	PROJECT IN	NFORMATI	ON		REPORTIN	G REQUIRE	MENTS	Notes	note if t	hoso sai	mnles are "	Industrial F	lygiene" sai	nnles
STD 10 Business day	Project #:				Summary R		✓	If subn	nitting dus	tfall sam			diameter of	
Rush 5 Business day * Rush 2 Business day *		ain Carbon 500625271	Canada Inc.			EDD	✓		ning in cr					
* need approval from Burea		V Quote #:			Regulation			PROJ	CT SPE	CIFIC CC	OMMENTS			
Veritas		3V Contact:	Cristina Bacch	nus a										
Client Signature: Robin Ha			Received by:	Thooling	ues TRE	LUOR R	ODR14UES							
	mental Engineer		Affiliation:	200 = 1	107	1010								
	ug-25 1:00 PM	hie Chain of C	Date/Time:	Ruroau Voc	28/07	18:2	s and Conditions. Signing of this Chain of Custody docu	mont is sales	lodamon' -	nd assart-	non of our laws	a ousilable -1	http://www.k-1-1	
and-conditions	ng, work submitted on th	no oriani di Gl	лэкойу тэ зийј е ст то	oureau vent			s and Conditions. Signing of this Chain of Custody docu	ment is acknow	eugment ar	iu acceptai	nce or our term.	s available at	mp://www.bvlat	s.com/terms-

Temp: 14/19/16 NO CS ON ICE



NONT-2025-08-1406



15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

PAH Sample Submission Sheet

Sample Date	05-Aug-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Han

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

TN29164 05 Aug 2025 PUF #1 ASYV04-01 31-Jul-25 38 07-Aug-25 35 317.2 13-Aug-25 ASYV05-01 ASYV04-01	Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID#	Install Date	MAGN On inH2O	Removal Date Removal Time	MAGN Off inH2O	Total Volume m3	Submission Date
ASYV05-01 14:15 13:30 377.2	STN29164	05 Aug 2025	PUF #1	ASVV04 04	31-Jul-25		07-Aug-25			40.4
		00 Aug 2020	ASYV05-01	AS1 V04-01	14:15	38	13:30	35	317.2	13-Aug-25
		ment 1 : ment 2 :								

	. ^	TU															CAMF	CD-01	302 /3	
102		6710 Campobe			1-800-668-			Cha	in of	Cus	tody	Form	ı - PUİ	/ PA	Н			Page_	_1 of	2_
BUREAU VERITAS	ш	Mississauga On www.bvlabs.com			(905) 817-5 (905) 817-5										ANAL	YSIS R	EQUES	TED		
	INVOICE INFORMATION			NFORMAT						1		2	T		1 1111	10.01				
Company Na	me: Rotek Enviro	nmental Inc Com	pany Name:	Rotek Env	rironmental li					RIAL		FULL LIST OF VOCs (reference TO15A)	noq	-C16)					2.5	
Contact Nam	e: Paul Daszko	Proj	ect Manager:	Paul Dasz	ko	of Hg)	of Hg)			AMBIENT/COMMERCIAL/INDUSTRIAL		erence	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	13				
Address:	15 Keefer Court Hamilton	on Add	ress 15 Keefer	Court Hami	lton	START VACUUM (inches	hes of		AIR	CIALIII		s (ref	atic Hy	and F2	ease	EPA T013				SED
	ON L8E 4V4		ON L8E 4	V4		IM (i	(inc.		OR	MER	100	90	liph	10)	<u>d</u> -	N E	ZE/			U TO
E-mail:	poore@rotekinc.com	E-m	ail: jennifer.da	vies@rotek	inc.com	ACUU	NOW	VAPOUR	INDO	COM	B GA	LOF	natic/A	0-90	\$,00/	PUF	ANALYZE			SS NC
Ph:	905 573 9533	Ph:	905 573 9	533		7 1/1	AC	VAP	LNE	LNE	N.	LIS	Aron	F1 (pe	on	NOT A			STE
Sampled by:	Robin Hart		*			STAR	END VACUUM (inches	SOIL	AMBIENT/INDOOR	AMBIE	SUB-SLAB GAS	FULL	BTEX//	ВТЕХ	Select	PAHs on PUF by	DO NO	1		CANISTERS NOT USED
	Field Sample ID		BV PUF II	Flow Regulator Serial #	Retrieval Date													,		
STN29	0164 05-Aug-25	PUF #1	ASYV05-0		07-Aug-25									4		Х				
													,	, ,						
											11-11			1:00						
													le.	10	Щ					
				-											N	ONT	2025			
														1		0141-	2025-	08-27	30 _	
				-									-	· Artis of	TI.				_	
																-	-		_	
				-																
TAT Requiren	nent	PROJECT INFO	PMATION		REPORTIN	G PEC	VIIIDEI	MENT	0		Note									No. 1
TAT ROGUITOR		I KOSEST INTO	MILATION		INC. OKTIN	O KLO	KOIIVE	MITIAL	3			-	dicate o	n chain	of cust	odv if v	our san	nples ai	re	
STD 10 Busine		Project #:				EDD							or ambie			, ,	our our	nprio ai		
Rush 5 Busine		-	Carbon Canad	a Inc		Regula	ations	ON 1			2) ple	ease lis	t all can	isters c	on the c	hain of	custody	even i	unuse	d
Rush 2 Busine Rush Other *	ess day *	PO #: 3266						ON 4			200	LEOT	0050	1510.0	O1111					
Rush Other		Bureau Veritas Qu Bureau Veritas Co		ochus		Other		BC C	SR		PRC	JECI	SPEC	IFIC C	OMINE	NIS	17%		w 9	no.
* nood annra	ral from Buragu Varitas	-	-	iccitus		Other									5/2	-9/	129	0		10
	val from Bureau Veritas : Doug Cunningham	Task Order/Line	Received b	N -	A. A. A. A. A. A.	F		٨			-		BaP or	nly in n	g/m3.				10 (-5
Olient Signature	. Doug Cullingham		received by	- Mu n	7 22010	5 (0	4.	05					y result)rainca:						c com	
Date/Time:	August 13 2025	10:250	m Date/Time		5/091		3	(0)	20	<u> </u>	dasz	ko@ro	tekinc.	com	•					
Unless otherwise available at http://	agreed to in writing, work subm /www.bvlabs.com/terms-and-co	itted on this Chain of C nditions	Custody is subject to	Bureau Verita	s Laboratories'	standard	Terms	and Con	ditions.	Signir	g of thi	s Chain d	of Custody	/ docume	nt is ackr	nowledgn	ent and a	acceptano	e of our t	terms

ulian I ong

INVOICE INFORMATION Company Name: Rain Carbon Canada Inc Contact Name: Robin Hart P Address: 725Strathearne Avenue Hamilton, ON	REPORT I Company Name: Project Manager: Address: 725Strathe	Toll Free: 1-800-6t Phone: (905) 81 Fax: (905) 81 NFORMATION Rain Carbon Canac Robin Hart parne Avenue ON	7-5700 7-5777	VACUUM (inches of Hg)	VAPOUR	AMBIENT/INDOOR AIR	AMBIENTICOMMERCIALINDUSTRIAL	GAS	OF VOCs (reference T015A	BTEX/Aromatic/Aliphatic Hydrocarbon C			596646 AIR-001	Page _	CANISTERS NOT USED
Ph: 1-647-281-8094 F Sampled by: Robin Hart	Ph: <u>1-647-281</u>		START	END VA	SOIL VA	AMBIEN	AMBIEN	SUB-SLAB	FULL LIST	BTEX/Are Fractions	BTEX/F1	Selected	Other		CANIST
Field Sample ID	Canister Serial #	Regulator Collectic Serial # Date	n						- 5						
East Canister #1 VOC August 5, 2025	256											x			
North Canister VOC August 5, 2025 Old West Canister VOC August 5, 2025	128						-					×			2.0
South Canister VOC August 5, 2025	14552		No.	None	1000	C. W.	EXE.	400				x			The same
New West Canister VOC August 5, 2025	7824		-	1000				200				х			No. of Contract of
East Canister #2 VOC August 5, 2025	2929		200	711								х			
STD 10 Business day	as Contact: Cristina B	acchus	EDD Regu Othe	lations r	ON 1 ON 4 BC C	53 19 SR	0	soil v 2) pie PRO	ease in rapour ease lis	or ambi	ent air nisters d	on the o	stody if your samples are chain of custody even if unused ENTS SED EQUIPMENT		- India



15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

VOC Canister Sample Submission Sheet

Sample Date	05-Aug-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
- Tunibur	number.	dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	1238	05-Aug-25	31-Jul-25	11:45	-30.0	00:01	23:59	24.0	-9.0	07-Aug-25	13:45
	Comment 1	:		***************************************							6
	Comment 2	:		M							

http://www.bvlabs.com/terms-and-conditions

6740 Campobello Rd

of Custody Form - Summa™ Canister

* Page 2_ of _ 2_

CAM FCD-01302 /3

Mississauga Ontario ,L5N 2L8

www.bvlabs.com ANALYSIS REQUESTED AIR-001 INVOICE INFORMATION REPORT INC. V FULL LIST OF VOCs (reference TO15A) Rotek Environmental Inc Company Name: Rotek Environmental Inc Company Name: BTEX/F1 (C6-C10) and F2 (C10-C16) BTEX/Aromatic/Aliphatic Hydrocarbon Fractions **AMBIENT/COMMERCIAL/INDUSTRIA** Selected VOC's - please specify START VACUUM (inches of Hg) Paul Daszko Project Manager: Paul Daszko END VACUUM (inches of Hg) Contact Name: CANISTERS NOT USED Address: 15 Keefer Court Hamilton Address: 15 Keefer Court Hamilton AMBIENT/INDOOR AIR Other - Do Not Analyze ON L8E 4V4 ON L8E 4V4 SUB-SLAB GAS . VAPOUR E-mail: jennifer.davies@rotekinc.com E-mail: poore@rotekinc.com 905 573 9533 Ph: 905 573 9533 SOIL Sampled by: Robin Hart Flow Field Sample ID Canister Regulator Retrieval Date Serial # Serial # X STN29164 1238 05-Aug-25 07-Aug-25 ------REPORTING REQUIREMENTS PROJECT INFORMATION TAT Requirement 1) please indicate on chain of custody if your samples are $\sqrt{}$ EDD soil vapour or ambient air STD 10 Business day Project #: Regulations ON 153 1 2) please list all canisters on the chain of custody even if unused Name: Rain Carbon Canada Inc Rush 5 Business day * Rush 2 Business day * PO#: 32669 ON 419 BC CSR PROJECT SPECIFIC COMMENTS Rush Other * Bureau Veritas Quote # Please issue Summa canister pressure upon receipt. Bureau Veritas Contact: Cristina Bacchus Other Analyse for Benzene only in ug/m3. * need approval from Bureau Veritas Task Order/Line Item Received by: Anno I anst Please copy results to york.zhang@raincarbon.com, Client Signature: Doug Cunningham robin.hart@raincarbon.com, jennifer.davies@rotekinc.com, 625/08/13 Date/Time: daszko@rotekinc.com August 5 2025 Date/Time: Unless otherwise agreed to in writing, work submitted on this Chain of Custody is subject to Bureau Veritas Laboratories' standard Terms and Conditions. Signing of this Chain of Custody document is acknowledgment and acceptance of our terms available at

C5A2614 2025/08/20 16:35

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VIBIAS	6740 Campobello Rd Mississauga Ontario "Ls www.bvlabs.com	N 2L8	Phone:	1-800-668- (905) 817-5 (905) 817-5	700	CHAIN OF CUSTODY FORM -	AIR		ANAL	YSIS REQU	ESTED	Page	_ of
Con	npany Name: Rain Carbon	Canada Inc.				PAHs on PUF as per ERP 7013							
	ect Manager: Robin Hart												
	e-mail: robin.hart@r	aincarbon.com]				25	1		
	Address: 725Strathea								1 5				
SECTION	Hamilton, Of	V							1 (2)		NONT-	2025-0	8-4107
	Phone: 1-647-281-8	094	Fax:						100	188 8		LULS O	0 1102
	Sampled by: Robin Hart									No.			
					Sample								
Field Sample ID		Total Volume Sampled	Flow Rate	Collection Date	Collection								- 1
East Monitor PAH August 17, 2	025 ATLW56-01	328.20		17-Aug-25	24 hours	×							
North Monitor PAH August 17,		301.90		17-Aug-25	24 hours	×							
Old West Monitor PAH August	The state of the s	313.70		17-Aug-25	24 hours	×							
South Monitor PAH August 17,		321.90		17-Aug-25		×							
New West Monitor PAH Augus		319.50		17-Aug-25		x							
					-		-			-	-	-	_
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TAT Requirement	PROJECT INFORMATI	ON		REPORTIN	G REQUIRE	MENTS	_	Notes Please note	if these sampl	es are "Indu	strial Hygie	ne" samp	oles
STD 10 Business day Rush 5 Business day	Project #: Name: Rain Carbon	Canada Inc.		Summary R	eport only EDD	<u> </u>		jar opening in			cate the dia	meter of the	e
Rush 2 Business day * * need approval from Bureau	PO #: 4500625271 BV Quote #:			Regulation			_	PROJECT SE	PECIFIC COM	MENTS			
Veritas	BV Contact:	Cristina Baccl Received by:	nus	docust	Jane	LAWAL A DGGT YOUR							
	tal Engineer 5 1:30 PM	Affiliation: Date/Time:		betos	1,	KAMALIREET KAYR	on Zes	pach					
						s and Conditions. Signing of this Chain of Custod	ty document i	s acknowledgmen	t and acceptance o	of our terms avai	lable at http://	www.bvlabs.c	om/terms-

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ontact Name	e: Paul Dasz	(0	Project I	Vlanager:	Paul Dasz	ko	of Hg)	Hg)			Sna		renc	droca	(C10	peci	13			
ddress:	15 Keefer Court Ham	ilton	Address	15 Keefer C	Court Hamil	ton	START VACUUM (inches	of		IIR	AMBIENT/COMMERCIAL/INDUSTRIAL		FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	PAHs on PUF by EPA TO13			9
	ON L8E 4V4			ON L8E 4V	4		M (in	(inches		OR A	MERC	10	/OCs	lipha	10) aı	- ple	y EP	ZE/	-	TUS TO
-mail:	poore@rotekinc.com		E-mail:	jennifer.dav	ries@roteki	nc.com	CUU		DUR	NDO	COMIN	GAS	OF.	atic/A	26-C	00.5	ÚF b	ANALYZE		SNC
h:	905 573 9533		Ph:	905 573 95	33		TVA	VACUUM	VAPC	ENT	ENTK	SLAB	LIST	Arom	/F1 (G	ted V	on P	NOT A		STER
ampled by:	Robin Hart						TAR	END !	SOIL VAPOUR	AMBIENT/INDOOR AIR	MBI	SUB-SLAB GAS	J.	TEX/	зтех	selec	AHs	DO NO		CANISTERS NOT USED
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ush 5 Busine		Inc	4	Regula	ations	ON 1	53	1000					n the c	hain of	custody	even if u	nused			
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ush Other *		Bureau Veri		_			BC C	SR		PRO.	JECT	SPEC	IFIC C	OMME	NTS					
		Bureau Veri	tas Contac	Cristina Ba	cchus		Other													
need approv	need approval from Bureau Veritas Task Order/Line Item											Analy	se for	BaP or	nly in n	g/m3.				
lient Signature	: Doug Cunningham	200	5	Received by:	~		Ju	L				Pleas	е сор	y result	s to yo	rk.zhar	ng@raii	ncarbo	n.com,	-
		10) A.M									robin	.hart@	grainca	rbon.co	om, jen	nifer.da	avies@	rotekinc.	com,
ate/Time:	August 21 2025	XITO			115	54		daszk	co@ro	tekinc.	com									



15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

PAH Sample Submission Sheet

Sample Date	17-Aug-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date	MAGN On inH2O	Removal Date Removal Time	MAGN Off	Total Volume m3	Submission Date
STN29164	17 Aug 2025	PUF #1	4 6 3 4 1 4 1 4	15-Aug-25	07	19-Aug-25	· · ·		
31N29104	17 Aug 2025	ASYV25-01	ASYV24-01	11:20	37	11:10	34	310.1	21-Aug-25
						,			
Com									
	ment 1 : ment 2 :								

20-Aug-25 08:25

Julian Tong

					pobello Rd ga Ontario "L	5N 2L8		1-800-668- (905) 817-5			Cha	in of	Cust	tody	For	2333		A 23		- C	AM FCD- Pag		1 1
VERITAS				www.bvlat				(905) 817-5	777			775		1000	4	CII		71	IR-001	- T		T	
	INVOIC		OITAMS			REPORT IN	NEORMAII	ON J			500		_	334	15,	e 1	9	1	1				
Company Na	me:	Rain	Carbon (Canada Inc	Company N	Vame:	Rain Carbo	on Canada	Hg)				AMBIENT/COMMERCIAL/INDUSTRIAL		(reference TO15A	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	specify					
Contact Nam	e:	Robir	Hart		Project Ma	nager:	Robin Hart		START VACUUM (inches of Hg)	of Hg)			UNND		eferer	Hydro	F2 (C	eds as					Ω
Address:	725Stra	itheame	Avenue		Address:	725Strathe		ie	(inch	(inches		RAIR	RCIAI		OF VOCs (r	phatic) and	Selected VOC's - please			- 1		CANISTERS NOT USED
	Hamilto	n, ON			-	Hamilton, C)N		CM		or.	8	MM	AS	>	C/AI	Ş	so C)					2
E-mail:	robin.h	art@rain	carbon.c	om	E-mail:	robin.hart@		.com	VACU	VACUUM	VAPOUR	AMBIENT/INDOOR	TICO	SUB-SLAB GAS	LISTO	omati	1 (C6	0 A					TERS
Ph:	1-647-2	81-8094	K		Ph:	1-647-281-	8094		RT		>	E	E	SI	3	KIAr	×	cte	b	1	- 10		N N
Sampled by:	Robin I	lart		6					STA	END	SOIL	AME	AME	SUB	FULL	BTE; Frac	BTE	Sele	Other			_	8
		Field S	ample ID			Canister Serial#	Flow Regulator Senal #	Collection Date				TO SERVICE SER										_	
East Canister	#1 VOC	August '	7, 2025			7826		17-Aug-25										х					
Old West Car	nister VO	C Augus	it 17, 202	25		14267		17-Aug-25				-0.00						×				-	
South Canist	er VOC A	lugust 1	7, 2025			137		17-Aug-25			100	- 2		-	-	-	_	X	-		_	- 3	-
New West Ca	anister VO	C Augu	st 17, 20	025		23736		17-Aug-25					100		-	-		X			-+	_	
East Canister	r#2 VOC	August	17, 2025	5		280		17-Aug-25										X					
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15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

VOC Canister Sample Submission Sheet

Sample Date	17-Aug-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
Trainibo.	Number	dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	16090	17-Aug-25	15-Aug-25	11:30	-30.0	00:01	23:59	24.0	-10.0	19-Aug-25	11:00
	Comment 1	:								177	l
	Comment 2	1		2.5							

Toll Free: 1-

Paul Daszko

Fax: (9
REPORT INFORMATION

Phone: (9

Rotek Environmental Inc

6740 Campobello Rd

Rotek Environmental Inc Company Name:

INVOICE INFORMATION

Paul Daszko

Company Name:

Contact Name:

Mississauga Ontario ,L5N 2L8

Project Manager:

21-Aug -25 09:55

Cristina (Maria) Bacchus

AIR-001

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C5A3108

CAM FCD-01302 /3 y Form - Summa™ Canister Page _2_ of __2_ **ANALYSIS REQUESTED** rence TO15A) (C10-C16) IDUSTRIAL

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ate/Time:	August 21 2025 eed to in writing, work subm	10:00	4.M 0		1 0		ι) 🗪	-~		robin.	hart@	raincar kinc.co	bon.co	m, jenn	ifer.da	/ies@ro	tekinc.con	n,	

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E-mail:	robin.hart@	raincarbon.c	om	E-mail:	robin.hart@	raincarbon	.com	CUU		SUR.	MDC	COM	GA	P	atic//	28-0	SC.				S	0
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Contact Name	-	Robin Hart		Project Mar	nager: 725Strathe	Robin Harl		START VACUUM (inches of Hg)	END VACUUM (inches of Hg)		æ	AMBIENT/COMMERCIAL/INDUSTRIAL		FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbbn Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	se specify				
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BUREAU		6740 Campobello Rd Mississauga Ontario ,L www.bvlabs.com	5N 2L8	Phone:	1-800-668-0 (905) 817-5 (905) 817-5	700	CHAIN OF CUSTODY FOR	M - AIR			ANALY	'SIS REQUE
CLIENT	Comp	any Name: Rain Carbor	Canada Inc.				PAHs on PUF as per ERP 7013				7.0.0.0	
INFORMATION	Projec	t Manager: Robin Hart]					٨
		e-mail: robin.hart@					1	-				>~
		Address: 725Strathea					1					
SECTION		Hamilton, O	N]	le rich				
		Phone: <u>1-647-281-8</u>	094	Fax:						NONT-2	2025-09	-473
	S	ampled by: Robin Hart			-				37:4			
Field Sample II	D		Total Volume Sampled	Flow Rate	Collection Date	Sample Collection Time						
East Monitor PAH Au	ugust 29, 20	25 ATLY18-01	332.10		29/Aug/25	24 hours	x					
North Monitor PAH A	August 29, 20	025 ATLY19-01	311.80		29/Aug/25	24 hours	x					
Old West Monitor PA			316.70		29/Aug/25		x					
South Monitor PAH A			321.90		29/Aug/25		x					
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Rush 5 Business day		Name: Rain Carbon				EDD	✓		jar open	ing in cm.	•	5. •
Rush 2 Business day		PO #: 4500625271							PROJE	CT SPECIF	IC COMM	ENTS
* need approval from Veritas	n Bureau	BV Quote #			Regulation							
Client Signature: R	Ohin Hart	DV Contact	Cristina Bacc Received by:	Tus 1	- Sus,	An C	AWAN		-			
	nvironmenta	al Engineer	Affiliation:	/) /-),	TO CITY					
Date/Time:		6:00 PM	Date/Time:	20251	109/09) 17	:00 17/13/14					
Unless otherwise agreed to conditions	to in writing, wor	rk submitted on this Chain of C	ustody is subject to	Bureau Verit	as Laboratories	standard Terms	and Conditions. Signing of this Chain of Cu	stody document is	acknowledg	ment and acce	eptance of ou	ır terms availab
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The state of the s		6740 Campo	bello Rd	Toll Free:	1-800-668-0	0639		Cha	in of	Cus	tody	Form	- PUF	/ PAI	4		CAM F	FCD-013 Page _		_2_	
BUREAU		Mississauga www.bvlabs.o	Ontario ,L5N 2L8		(905) 817-5 (905) 817-5										ΔΝΔΙ	YSIS RI	FOLIES				
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Company Nam	ne: Rotek Enviro	onmental Inc C	ompany Name:	Rotek Env	ironmental Ir					RIAL		FULL LIST OF VOCs (reference TO15A)	pou	C16)							
Contact Name	Paul Daszko) P	roject Manager:	Paul Dasz	ko	of Hg	Hg)			DUSTE		rence	Irocar	(C10-	pecify	m					
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E-mail:	poore@rotekinc.com	E	-mail: jennifer.da	vies@roteki	nc.com	ACUL	UUM	OUR	JINDC	/com	B GAS	T OF	natic//	၁-၅၁)	VOC:	PUF	ANALYZE			RS NG	
Ph:	905 573 9533	P	h: 905 573 95	533		TV	AC	/AP	IN	N	A	LIS	Aror	F	ed	- E	NOT /			E	
Sampled by:	Robin Hart					STAR	END VACUUM (inches of Hg)	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIENT/COMMERCIAL/INDUSTRIAL	SUB-SLAB	FULL	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify	PAHs on PUF by	DO NO			CANISTERS	
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Rush Other *		Bureau Veritas	Quote #:					BC C	SR		PRO	JECT	SPEC	FIC C	OMME	NTS					
		Bureau Veritas	Contac Cristina Ba	cchus		Other															
* need approva	al from Bureau Veritas	Task Order/Li	ine Item	-							Analy	se for	BaP or	nly in n	g/m3.						
Client Signature:	Doug Cunningham	NO	Received by	: 51	Suga	bn	SA	in	M	1	Pleas	е сор	y result	s to yo	rk.zhar	ng@rai	ncarbo	n.com,			
Date/Time:	September 3 2025	11:30	Date/Time:	2025/	60/ 100)	11 '	28)				rainca tekinc.		om, jen	nifer.da	avies@	rotekind	com,		
	greed to in writing, work submi	itted on this Chain			s Laboratories' s	standard	Terms a			Signin					nt is ack	nowledgn	nent and	acceptano	e of our te	rms	

10/10/10



15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

PAH Sample Submission Sheet

Sample Date	29-Aug-25
Project ID	Rain Carbon Canada Inc
Sampler Model	TE-1000
Site Operator	York Zhang / Robin Hart

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station No.	Sample Date	PUF Cartridge #	Maxxam Filter ID #	Install Date	MAGN On inH2O	Removal Date Removal Time	MAGN Off inH2O	Total Volume m3	Submissio Date	
CTN20464	20 Aug 2025	PUF#1	ASYV32-01	28-Aug-25	24	02-Sep-25	25	240.4	02 0 05	
STN29164	29 Aug 2025	ASYV33-01	A51V32-U1	09:00	34	11:45	35	310.4	03-Sep-25	
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	ment 2 :									

Julian Tong

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668-0639

Chain of Custody Form - Summa™ Canis

Mis 117-5700 17-5777 ANAL) AIR-001 INVOICE INFORMATION FULL LIST OF VOCs (reference TO15A BTEX/F1 (C6-C10) and F2 (C10-C16) Company Name: Rain Carbon Canada Ind Company Name: Rain Carbon Canada AMBIENT/COMMERCIAL/INDUSTRIAL BTEX/Aromatic/Aliphatic Hydrocarbon Fractions Selected VOC's - please specify START VACUUM (inches of Hg) END VACUUM (inches of Hg) Robin Hart Contact Name: Robin Hart Project Manager: Address: 725Strathearne Avenue Address: 725Stratheame Avenue AMBIENT/INDOOR AIR Hamilton, ON Hamilton, ON SUB-SLAB GAS SOIL VAPOUR E-mail: robin.hart@raincarbon.com E-mail: robin.hart@raincarbon.com Ph: 1-647-281-8094 Ph: 1-647-281-8094 Sampled by: Robin Hart Flow Collection Field Sample ID Canister Regulator Serial # Serial # Date x East Canister VOC August 29, 2025 14938 29-Aug-25 X North Canister VOC August 29, 2025 14121 29-Aug-25 145270 Old West Canister VOC August 29, 2025 29-Aug-25 X South Canister VOC August 29, 2025 2796 29-Aug-25 X 14907 New West Canister VOC August 29, 2025 29-Aug-25 PROJECT INFORMATION **TAT Requirement** REPORTING REQUIREMENTS Notes 1) please indicate on chain of cust-STD 10 Business day V Project #: Rain Carbon Canada Inc. EDD soil vapour or ambient air Rush 5 Business day * Name: Robin Hart Regulations ON 153 2) please list all canisters on the cl Rush 2 Business day * PO#: 4500625271 ON 419 Rush Other * BC CSR □ PROJECT SPECIFIC COMME Bureau Veritas Quote #: Cristina Bacchus Bureau Veritas Contact: Other * need approval from Bureau Veritas Task Order/Line Item Sugar SAWAT Client Signature: Robin Hart Environmental Engineer Date/Time: 6:00 PM PLEASE RETURN ALL UNUS 3/Sep/25



15 Keefer Court Hamilton, Ontario L8E 4V4 Phone 905 573 9533 Fax 905 578 5167

VOC Canister Sample Submission Sheet

Sample Date	29-Aug-25
Project Name	Rain Carbon Canada Inc.
Contact Name	Paul Daszko
Contact Number	905 531 2815

Purchase Order Number	32669
Results to:	jennifer.davies@rotekinc.com
Results to:	daszko@rotekinc.com
Results to:	robin.hart@raincarbon.com
Results to:	york.zhang@raincarbon.com

Station Number	Canister ID Number	Sample Date	Installation Date	Installation Time	Initial Pressure	Time On	Time Off	Elapsed Time	Final Pressure	Retrieval Date	Retrieval Time
	Trumbo.	dd/mm/yy	dd/mm/yy	EST	inHg	EST	EST	Hours	inHg	dd/mm/yy	EST
STN29164	14905	29-Aug-25	26-Aug-25	15:15	-30.0	00:01	23:59	24.0	-10.0	02-Sep-25	11:40
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Cristina (Maria) Bacchus

CAM FCD-01302 /3

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Company Nan	ne: Rotek Envir	onmental Inc C	Company I	Name:	Rotek Envi	ronmental Inc	1				IAL		101	LO C	316)	0.21					
Contact Name	Paul Daszki	р	Project Ma	nager:	Paul Daszk	0	of Hg)	(BH)			AMBIENT/COMMERCIAL/INDUSTRIAL		FULL LIST OF VOCs (reference TO15A)	BTEX/Aromatic/Aliphatic Hydrocarbon Fractions	BTEX/F1 (C6-C10) and F2 (C10-C16)	Selected VOC's - please specify					
Address:	15 Keefer Court Hamil	ton A	Address:	15 Keefer (Court Hamilt	on	ches	es of		E E	IALI		e (ref	tic H)	nd F.	ase	ez/				SED
	ON L8E 4V4			ON L8E 4V	4		M (in	inch		OR,	MERC		/0Cs	lipha	10) aı	- ple	Analyze				T US
-mail:	poore@rotekinc.com	E	E-mail:	jennifer.da	vies@rotek	nc.com	nno	VACUUM (inches	JUR.	NDO	COMIN	GAS	P.	atic/A	290	s.50	Not		- 1		SNC
h:	905 573 9533	P	Ph:	905 573 95	33		Y.	ACL	VAPC	ENT	ENTK	LAB	LIST	Arom	F1 (0	A pa	°P.				TER
Sampled by:	Robin Hart						START VACUUM (inches	END 1	SOIL VAPOUR	AMBIENT/INDOOR AIR	AMBIE	SUB-SLAB GAS	FULL	BTEX//	ВТЕХ	Select	Other				CANISTERS NOT USED
	Field Sample I	D		Canister Serial #	Flow Regulator Serial #	Retrieval Date						8									
STN29	164 29-Aug-25	<u> </u>		14905		02-Sep-25										х					
					1000																Win.
				-			131.8				-								-+	-+	
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							Ein-c		55												
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AT Requirem	nent	PROJECT IN	NFORMAT	ION		REPORTING REQ	UIREME	NTS				Notes	s								11
	ss day *	Project #: Name: R PO #: 3 Bureau Verita: Bureau Verita: Cask Orden/L	32669 is Quote #: is Contact:	Cristina Bac	cchus	Iben	EDD Regula Other	A50-453.00.	ON 1: ON 4' BC C	53 19		soil vi 2) ple PRO Pleas Ana	apour d ase list JECT e issu lyse fo	or ambie t all cani SPECI e Summ er Benze	nt air isters c FIC Co na can ene on	on the cl	hain of o NTS essure Im³.	our samp custody upon re	even if		t
Date/Time:	September 3 2025	11:30	0	Date/Time:		1.09/03		: 2				rob	in.hart		arbon.			davies@		ic.com	1,



APPENDIX D

Certificates of Analysis



Your P.O. #: 4500625271

Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/15

Report #: R8594968 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596898 Received: 2025/08/07, 18:27

Sample Matrix: Air # Samples Received: 5

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/08/08	2025/08/15	BRL SOP-00201	
Calculated Polyaromatic Hydrocarbons	4	2025/08/08	2025/08/08	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/08/10	2025/08/13	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/08/08		

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Napthalene, 2-Methylnapthalene, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



Your P.O. #: 4500625271

Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/15

Report #: R8594968

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596898 Received: 2025/08/07, 18:27

Encryption Key

Julian Tong Project Manager Assistant 18 Aug 2025 06:34:34

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATWL85	ATWL86	ATWL87	ATWL88	
Sampling Date		2025/08/05	2025/08/05	2025/08/05	2025/08/05	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH AUGUST 5, 2025 ATLW29-01	NORTH MONITOR PAH AUGUST 5, 2025 ATLW30-01	OLD WEST MONITOR PAH AUGUST 5, 2025 ATLW31-01	SOUTH MONITOR PAH AUGUST 5, 2025 ATLW32-01	QC Batch
Volume	m3	333.8	310.8	321.5	320.4	ONSITE
QC Batch = Quality Cont	rol Batch					

Bureau Veritas ID		ATWL89	
Sampling Date		2025/08/05	
COC Number			
	UNITS	NEW WEST MONITOR PAH AUGUST 5, 2025 ATLW33-01	QC Batch
Volume	m3	318.7	ONSITE
QC Batch = Quality Control E	Batch		



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Bureau Veritas ID		ATWL85	ATWL86		ATWL87		
Sampling Date		2025/08/05	2025/08/05		2025/08/05		
COC Number		N/A	N/A		N/A		
	UNITS	EAST MONITOR PAH AUGUST 5, 2025 ATLW29-01	NORTH MONITOR PAH AUGUST 5, 2025 ATLW30-01	QC Batch	OLD WEST MONITOR PAH AUGUST 5, 2025 ATLW31-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	<0.10	<0.10	9986299	0.24	0.10	9986299
Surrogate Recovery (%)							
D10-2-Methylnaphthalene	%	78	80	9986299			
D10-Anthracene	%	86	86	9986299			
D10-Fluoranthene	%	106	106	9986299			
D10-Phenanthrene	%	104	104	9986299			
D12-Benzo(a)anthracene %		82	84	9986299	88		9986299
D12-Benzo(a)pyrene	%	76	74	9986299	78		9986299
D12-Benzo(b)fluoranthene	%	110	108	9986299	96		9986299
D12-Benzo(ghi)perylene	%	104	102	9986299	100		9986299
D12-Benzo(k)fluoranthene	%	104	100	9986299	90		9986299
D12-Chrysene	%	96	100	9986299	102		9986299
D12-Indeno(1,2,3-cd)pyrene	%	102	100	9986299	100		9986299
D12-Perylene	%	96	96	9986299	98		9986299
D14-Dibenzo(a,h)anthracene	%	100	98	9986299	100		9986299
D8-Acenaphthylene	%	94	86	9986299			
D8-Naphthalene	%	74	76	9986299			

QC Batch = Quality Control Batch



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Bureau Veritas ID		ATWL88	ATWL89		
Sampling Date		2025/08/05	2025/08/05		
COC Number		N/A	N/A		
	UNITS	SOUTH MONITOR PAH AUGUST 5, 2025 ATLW32-01	NEW WEST MONITOR PAH AUGUST 5, 2025 ATLW33-01	RDL	QC Batch
Semivolatile Organics					
Benzo(a)pyrene	ug	0.22	0.24	0.10	9986299
Surrogate Recovery (%)					
D10-2-Methylnaphthalene	%	80	80		9986299
D10-Anthracene	%	76	80		9986299
D10-Fluoranthene	%	92	94		9986299
D10-Phenanthrene	%	92	96		9986299
D12-Benzo(a)anthracene	%	84	84		9986299
D12-Benzo(a)pyrene	%	74	72		9986299
D12-Benzo(b)fluoranthene	%	104	106		9986299
D12-Benzo(ghi)perylene	%	98	100		9986299
D12-Benzo(k)fluoranthene	%	98	100		9986299
D12-Chrysene	%	98	98		9986299
D12-Indeno(1,2,3-cd)pyrene	%	102	104		9986299
D12-Perylene	%	92	94		9986299
D14-Dibenzo(a,h)anthracene	%	98	98		9986299
D8-Acenaphthylene	%	80	88		9986299
D8-Naphthalene	%	144	106		9986299
RDL = Reportable Detection Lin QC Batch = Quality Control Bat					



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

CALCULATED SEMIVOLATILE ORGANICS (AIR)

Bureau Veritas ID		ATWL85		ATWL86		ATWL87		
Sampling Date	2025/08/05 2025/08/05 2025/08/05							
COC Number		N/A		N/A	N/A			
	UNITS	EAST MONITOR PAH AUGUST 5, 2025 ATLW29-01	RDL	NORTH MONITOR PAH AUGUST 5, 2025 ATLW30-01	RDL	OLD WEST MONITOR PAH AUGUST 5, 2025 ATLW31-01	RDL	QC Batch
Calculated Parameters								
Benzo(a)pyrene	ug/m3	<0.00030	0.00030	<0.00032	0.00032	0.00075	0.00031	9986029
RDL = Reportable Detection QC Batch = Quality Control I								

Bureau Veritas ID	reau Veritas ID ATV		ATWL89		
Sampling Date		2025/08/05	2025/08/05 2025/08/05		
COC Number		N/A	N/A		
	UNITS	SOUTH MONITOR PAH AUGUST 5, 2025 ATLW32-01	NEW WEST MONITOR PAH AUGUST 5, 2025 ATLW33-01	AH D25 RDL QC Ba	
Calculated Parameters					
Benzo(a)pyrene	ug/m3	0.00069	0.00075 0.00031		9986029
RDL = Reportable Detection L	imit	_			



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC	114	06 Tours	Development	Data Araba I	Malara	D	LINUTC	001::
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9986299	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/08/13		68	%	50 - 150
			D10-Fluoranthene	2025/08/13		94	%	50 - 150
			D10-Phenanthrene	2025/08/13		86	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/13		76	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/13		96	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/13		96	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/13		96	%	50 - 150
			D12-Chrysene	2025/08/13		92	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/13		96	%	50 - 150
			D12-Perylene	2025/08/13		94	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/13		94	%	50 - 150
			D8-Acenaphthylene	2025/08/13		78	%	50 - 150
			D8-Naphthalene	2025/08/13		66	%	50 - 150
			Benzo(a)pyrene	2025/08/13		93	%	50 - 150
9986299	MPQ	RPD	Benzo(a)pyrene	2025/08/13	2.7		%	50
9986299	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/08/13		90	%	50 - 150
			D10-Fluoranthene	2025/08/13		98	%	50 - 150
			D10-Phenanthrene	2025/08/13		86	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/13		84	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/13		108	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/13		112	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/13		110	%	50 - 150
			D12-Chrysene	2025/08/13		98	%	50 - 150
			D12-Perylene	2025/08/13		108	%	50 - 150
			D8-Acenaphthylene	2025/08/13		94	%	50 - 150
			D8-Naphthalene	2025/08/13		92	%	50 - 150
			Benzo(a)pyrene	2025/08/13	< 0.10		ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



reau Veritas Job #: C596898 RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:
higheren
Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

Cristina (Maria) Bacchus, Project Manager

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Ruetgers list
Rotek Environmental Inc.
15 Keefer Court
Hamilton, ON
CANADA L8E 4V4

Report Date: 2025/08/25

Report #: R8600411 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C598488 Received: 2025/08/13, 10:25

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/08/16	5 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/08/16	5 BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/08/25

Report #: R8600411 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C598488 Received: 2025/08/13, 10:25

Encryption Key



Bureau Veritas

25 Aug 2025 15:58:57

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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Report Date: 2025/08/25

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATZN30	
Sampling Date		2025/08/07	
COC Number		na	
	LINUTC	STN29164 05-AUG-25	OC Botok
	ONLIS	31N29104 U3-AUG-25	QC Batch
Pressure on Receipt	psig	(-4.5)	9991382



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATZN30				
Sampling Date		2025/08/07				
COC Number		na				
	UNITS	STN29164 05-AUG-25	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.25	0.10	0.783	0.319	9990386
Surrogate Recovery (%)	•		•	•		
Bromochloromethane	%	79		N/A	N/A	9990386
D5-Chlorobenzene	%	80		N/A	N/A	9990386
Difluorobenzene	%	78		N/A	N/A	9990386
RDL = Reportable Detection	n Limit					

QC Batch = Quality Control Batch

N/A = Not Applicable



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9990386	LSY	Spiked Blank	Bromochloromethane	2025/08/15		99	%	60 - 140
			D5-Chlorobenzene	2025/08/15		94	%	60 - 140
			Difluorobenzene	2025/08/15		101	%	60 - 140
			Benzene	2025/08/15		95	%	70 - 130
9990386	LSY	Method Blank	Bromochloromethane	2025/08/15		88	%	60 - 140
			D5-Chlorobenzene	2025/08/15		81	%	60 - 140
			Difluorobenzene	2025/08/15		88	%	60 - 140
			Benzene	2025/08/15	<0.10		ppbv	
9990386	LSY	RPD	Benzene	2025/08/15	5.6		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Habr Melanie Mabini, Team Leader

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Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/20

Report #: R8597297 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596646 Received: 2025/08/07, 18:27

Sample Matrix: Air # Samples Received: 5

		Date	Date		
Analyses	Quantity	/ Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	5	N/A	2025/08/14	4 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	5	N/A	2025/08/14	4 BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/20

Report #: R8597297

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C596646 Received: 2025/08/07, 18:27

Encryption Key

Cristina (Maria) Bacchus Project Manager 20 Aug 2025 16:38:59

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATVZ70	ATVZ71	ATVZ72	ATVZ73	
Sampling Date		2025/08/05	2025/08/05	2025/08/05	2025/08/05	
COC Number		NA	NA	NA	NA	
	UNITS	NORTH CANISTER VOC AUGUST 5, 2025	OLD WEST CANISTER VOC AUGUST 5, 2025	SOUTH CANISTER VOC AUGUST 5, 2025	NEW WEST CANISTER VOC AUGUST 5, 2025	QC Batch
Volatile Organics						
Pressure on Receipt	psig	(-4.5)	(-5.0)	(-5.4)	(-4.3)	9990226
QC Batch = Quality Contr	ol Batch					

Bureau Veritas ID		ATVZ74					
Sampling Date		2025/08/05					
COC Number		NA					
	UNITS	EAST CANISTER #2 VOC AUGUST 5, 2025	QC Batch				
Volatile Organics							
Volatile Organics							
Volatile Organics Pressure on Receipt	psig	(-4.1)	9990226				



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATVZ70			ATVZ71				
Sampling Date		2025/08/05			2025/08/05				
COC Number		NA			NA				
		NORTH CANISTER			OLD WEST				
	UNITS	VOC AUGUST 5,	ug/m3	DL (ug/m3)	CANISTER VOC	RDL	ug/m3	DL (ug/m3)	QC Batch
		2025		(* 6,7 = 7	AUGUST 5, 2025		- 0,	(* 6)	
Volatile Organics									
Benzene	ppbv	0.44	1.40	0.319	2.81	0.10	8.99	0.319	9989361
Surrogate Recovery (%)			•			•	•	•	
Bromochloromethane	%	92	N/A	N/A	88		N/A	N/A	9989361
D5-Chlorobenzene	%	85	N/A	N/A	80		N/A	N/A	9989361
Difluorobenzene	%	82	N/A	N/A	75		N/A	N/A	9989361
RDL = Reportable Detectio	n Limit		•	'		•	•		•
QC Batch = Quality Contro	Batch								
N/A = Not Applicable									

Bureau Veritas ID		ATVZ72			ATVZ73				
Sampling Date		2025/08/05			2025/08/05				
COC Number		NA			NA				
	UNITS	SOUTH CANISTER VOC AUGUST 5, 2025	ug/m3	DL (ug/m3)	NEW WEST CANISTER VOC AUGUST 5, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics									
Benzene	ppbv	14.1	45.1	0.319	1.02	0.10	3.25	0.319	9989361
Surrogate Recovery (%)			•				•		-
Bromochloromethane	%	80	N/A	N/A	78		N/A	N/A	9989361
D5-Chlorobenzene	%	75	N/A	N/A	74		N/A	N/A	9989361
Difluorobenzene	%	70	N/A	N/A	65		N/A	N/A	9989361

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATVZ74						
Sampling Date		2025/08/05						
COC Number		NA						
	UNITS	EAST CANISTER #2 VOC AUGUST 5, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch		
Volatile Organics								
Benzene	ppbv	1.62	0.10	5.16	0.319	9989361		
Surrogate Recovery (%)								
Bromochloromethane	%	82		N/A	N/A	9989361		
D5-Chlorobenzene	%	72		N/A	N/A	9989361		
Difluorobenzene	%	66		N/A	N/A	9989361		
RDL = Reportable Detection	Limit							
QC Batch = Quality Control B	atch							
N/A = Not Applicable								



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate on	ly to the	items tested.
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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9989361	DVP	Spiked Blank	Bromochloromethane	2025/08/14		109	%	60 - 140
			D5-Chlorobenzene	2025/08/14		111	%	60 - 140
			Difluorobenzene	2025/08/14		110	%	60 - 140
			Benzene	2025/08/14		102	%	70 - 130
9989361	DVP	Method Blank	Bromochloromethane	2025/08/14		98	%	60 - 140
			D5-Chlorobenzene	2025/08/14		92	%	60 - 140
			Difluorobenzene	2025/08/14		96	%	60 - 140
			Benzene	2025/08/14	< 0.10		ppbv	

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Mabr	
Melanie Mabini, Team Leader	

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Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Ruetgers list
Rotek Environmental Inc.
15 Keefer Court
Hamilton, ON
CANADA L8E 4V4

Report Date: 2025/08/25

Report #: R8600411 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C598488 Received: 2025/08/13, 10:25

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/08/16	5 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/08/16	5 BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

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Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/08/25

Report #: R8600411 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C598488 Received: 2025/08/13, 10:25

Encryption Key



Bureau Veritas

25 Aug 2025 15:58:57

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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Report Date: 2025/08/25

Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		ATZN30	
Sampling Date		2025/08/07	
COC Number		na	
	LINUTC	STN29164 05-AUG-25	OC Botok
	ONLIS	31N29104 U3-AUG-25	QC Batch
Pressure on Receipt	psig	(-4.5)	9991382



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		ATZN30				
Sampling Date		2025/08/07				
COC Number		na				
	UNITS	STN29164 05-AUG-25	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.25	0.10	0.783	0.319	9990386
Surrogate Recovery (%)						
Bromochloromethane	%	79		N/A	N/A	9990386
D5-Chlorobenzene	%	80		N/A	N/A	9990386
Difluorobenzene	%	78		N/A	N/A	9990386
RDL = Reportable Detectio	n Limit		•			

QC Batch = Quality Control Batch

N/A = Not Applicable



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9990386	LSY	Spiked Blank	Bromochloromethane	2025/08/15		99	%	60 - 140
			D5-Chlorobenzene	2025/08/15		94	%	60 - 140
			Difluorobenzene	2025/08/15		101	%	60 - 140
			Benzene	2025/08/15		95	%	70 - 130
9990386	LSY	Method Blank	Bromochloromethane	2025/08/15		88	%	60 - 140
			D5-Chlorobenzene	2025/08/15		81	%	60 - 140
			Difluorobenzene	2025/08/15		88	%	60 - 140
			Benzene	2025/08/15	<0.10		ppbv	
9990386	LSY	RPD	Benzene	2025/08/15	5.6		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Habr Melanie Mabini, Team Leader

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Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/29

Report #: R8603815 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2614 Received: 2025/08/20, 16:35

Sample Matrix: Air # Samples Received: 5

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	4	2025/08/21	2025/08/21	BRL SOP-00201	
Calculated Polyaromatic Hydrocarbons	1	2025/08/21	2025/08/28	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5	2025/08/21	2025/08/27	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5	N/A	2025/08/21		

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

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Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Napthalene, 2-Methylnapthalene, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (k) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/08/29

Report #: R8603815

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2614

Received: 2025/08/20, 16:35

Encryption Key

Julian Tong Project Manager Assistant 29 Aug 2025 16:27:07

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID Sampling Date		AUHL34 2025/08/17	AUHL35 2025/08/17	AUHL36 2025/08/17	AUHL37 2025/08/17	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH AUGUST 17, 2025 ATLW56-01	NORTH MONITOR PAH AUGUST 17, 2025 ATLW57-01	OLD WEST MONITOR PAH AUGUST 17, 2025 ATLW58-01	SOUTH MONITOR PAH AUGUST 17, 2025 ATLW59-01	QC Batch
Volume	m3	328.2	301.9	313.7	321.9	ONSITE
QC Batch = Quality Control Ba	atch					

Bureau Veritas ID		AUHL38	
Sampling Date		2025/08/17	
COC Number		N/A	
	UNITS	NEW WEST MONITOR PAH AUGUST 17, 2025 ATLW60-01	QC Batch
Volume	m3	319.5	ONSITE
QC Batch = Quality Control Ba	atch		



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

2025/08/17 N/A EAST MONITOR PAH AUGUST 17, 2025 ATLW56-01	QC Batch	2025/08/17 N/A NORTH MONITOR PAH AUGUST 17, 2025 ATLW57-01	QC Batch	2025/08/17 N/A OLD WEST MONITOR PAH AUGUST 17, 2025 ATLW58-01	RDL	QC Batch
EAST MONITOR PAH AUGUST 17, 2025 ATLW56-01 0.10		NORTH MONITOR PAH AUGUST 17,	QC Batch	OLD WEST MONITOR PAH AUGUST 17, 2025	RDL	QC Batch
PAH AUGUST 17, 2025 ATLW56-01 0.10		PAH AUGUST 17,	QC Batch	MONITOR PAH AUGUST 17, 2025	RDL	QC Batch
	9994318					
	9994318					
	555.510	<0.10	9994318	0.24	0.10	9994318
88	9994318	94	9994318			
80	9994318	82	9994318			1
92	9994318	94	9994318			1
		58	9994318			1
94	9994318	96	9994318			1
78	9994318	84	9994318	78		9994318
78	9994318	82	9994318	78		9994318
92	9994318	100	9994318	92		9994318
98	9994318	106	9994318	102		9994318
102	9994318	108	9994318	102		9994318
98	9994318	104	9994318	98		9994318
92	9994318	100	9994318	96		9994318
96	9994318	102	9994318	96		9994318
90	9994318	96	9994318	96		9994318
		86	9994318			
94	9994318	94	9994318			
74	9994318	80	9994318			
	78 92 98 102 98 92 96 90	78 9994318 92 9994318 98 9994318 102 9994318 98 9994318 92 9994318 96 9994318 90 9994318	78 9994318 82 92 9994318 100 98 9994318 106 102 9994318 108 98 9994318 104 92 9994318 100 96 9994318 102 90 9994318 96 86 94 9994318 94	78 9994318 82 9994318 92 9994318 100 9994318 98 9994318 106 9994318 102 9994318 108 9994318 98 9994318 104 9994318 92 9994318 100 9994318 96 9994318 102 9994318 90 9994318 96 9994318 90 9994318 96 9994318 94 9994318 94 9994318	78 9994318 82 9994318 78 92 9994318 100 9994318 92 98 9994318 106 9994318 102 102 9994318 108 9994318 102 98 9994318 104 9994318 98 92 9994318 100 9994318 96 96 9994318 102 9994318 96 90 9994318 96 9994318 96 94 9994318 94 9994318	78 9994318 82 9994318 78 92 9994318 100 9994318 92 98 9994318 106 9994318 102 102 9994318 108 9994318 102 98 9994318 104 9994318 98 92 9994318 100 9994318 96 96 9994318 102 9994318 96 90 9994318 96 9994318 96 90 9994318 96 9994318 96 94 9994318 94 9994318 99

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (AIR)

Dura au Varita a ID		A11111.27		A1111120		
Bureau Veritas ID		AUHL37		AUHL38		
Sampling Date		2025/08/17		2025/08/17		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH AUGUST 17, 2025 ATLW59-01	QC Batch	NEW WEST MONITOR PAH AUGUST 17, 2025 ATLW60-01	RDL	QC Batch
Semivolatile Organics						
Benzo(a)pyrene	ug	0.22	9994318	0.10	0.10	9994318
Surrogate Recovery (%)						
D10-2-Methylnaphthalene	%			88		9994318
D10-Anthracene	%			78		9994318
D10-Fluoranthene	%			92		9994318
D10-Phenanthrene	%			90		9994318
D12-Benzo(a)anthracene	%	86	9994318	84		9994318
D12-Benzo(a)pyrene	%	86	9994318	82		9994318
D12-Benzo(b)fluoranthene	%	102	9994318	98		9994318
D12-Benzo(ghi)perylene	%	110	9994318	104		9994318
D12-Benzo(k)fluoranthene	%	110	9994318	104		9994318
D12-Chrysene	%	106	9994318	104		9994318
D12-Indeno(1,2,3-cd)pyrene	%	104	9994318	98		9994318
D12-Perylene	%	106	9994318	102		9994318
D14-Dibenzo(a,h)anthracene	%	102	9994318	94		9994318
D8-Acenaphthylene	%			92		9994318
D8-Naphthalene	%			76		9994318
RDL = Reportable Detection Li					_	

QC Batch = Quality Control Batch



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

CALCULATED SEMIVOLATILE ORGANICS (AIR)

Bureau Veritas ID		AUHL34		AUHL35		AUHL36		
Sampling Date		2025/08/17		2025/08/17		2025/08/17		
COC Number		N/A		N/A		N/A		
	UNITS	EAST MONITOR PAH AUGUST 17, 2025 ATLW56-01	RDL	NORTH MONITOR PAH AUGUST 17, 2025 ATLW57-01	RDL	OLD WEST MONITOR PAH AUGUST 17, 2025 ATLW58-01	RDL	QC Batch
Calculated Parameters								
Benzo(a)pyrene	ug/m3	0.00030	0.00030	<0.00033	0.00033	0.00077	0.00032	9994234
RDL = Reportable Detection QC Batch = Quality Control								

Bureau Veritas ID		AUHL37	AUHL38		
Sampling Date		2025/08/17	2025/08/17		
COC Number		N/A	N/A		
	UNITS	SOUTH MONITOR PAH AUGUST 17, 2025 ATLW59-01	NEW WEST MONITOR PAH AUGUST 17, 2025 ATLW60-01	RDL	QC Batch
Calculated Parameters					
Benzo(a)pyrene	ug/m3	0.00068	0.00031	0.00031	9994234
RDL = Reportable Detection I QC Batch = Quality Control B					



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

			• •	
Results	relate or	ilv to the	items	tested.



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9994318	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/08/27		74	%	50 - 150
			D10-Fluoranthene	2025/08/27		92	%	50 - 150
			D10-Phenanthrene	2025/08/27		84	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/27		80	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/27		94	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/27		98	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/27		104	%	50 - 150
			D12-Chrysene	2025/08/27		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/27		94	%	50 - 150
			D12-Perylene	2025/08/27		98	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/27		90	%	50 - 150
			D8-Acenaphthylene	2025/08/27		82	%	50 - 150
			D8-Naphthalene	2025/08/27		76	%	50 - 150
			Benzo(a)pyrene	2025/08/27		103	%	50 - 150
9994318	MPQ	RPD	Benzo(a)pyrene	2025/08/27	9.3		%	50
9994318	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/08/27		90	%	50 - 150
			D10-Fluoranthene	2025/08/27		98	%	50 - 150
			D10-Phenanthrene	2025/08/27		92	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/27		82	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/27		96	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/27		104	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/27		106	%	50 - 150
			D12-Chrysene	2025/08/27		100	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/27		98	%	50 - 150
			D12-Perylene	2025/08/27		102	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/27		92	%	50 - 150
			D8-Acenaphthylene	2025/08/27		98	%	50 - 150
			D8-Naphthalene	2025/08/27		92	%	50 - 150
			Benzo(a)pyrene	2025/08/27	<0.10		ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



ureau Veritas Job #: C5A2614 RAIN CARBON Canada Inc.
eport Date: 2025/08/29 Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

Just Jenor
Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC
Criotina Bacchua
Cristina (Maria) Bacchus, Project Manager

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Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/08/29

Report #: R8603817 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2951 Received: 2025/08/21, 09:55

Sample Matrix: Puf And Filter # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1	2025/08/21	2025/08/21	BRL SOP-00201	
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1	2025/08/21	2025/08/27	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1	N/A	2025/08/21		

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Napthalene, 2-Methylnapthalene, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/08/29

Report #: R8603817 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2951 Received: 2025/08/21, 09:55

Encryption Key



Bureau Veritas

29 Aug 2025 16:13:54

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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Rotek Environmental Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 32669

RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AUIA89			
Sampling Date		2025/08/17			
COC Number		N/A			
	UNITS STN29164 QC Bate 17-AUG-25 PUF#1		QC Batch		
Volume	m3	310.1	ONSITE		
QC Batch = Quality Control Batch					



Rotek Environmental Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 32669

SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AUIA89			
Sampling Date		2025/08/17			
COC Number		N/A			
	UNITS	STN29164 17-AUG-25 PUF#1	RDL	QC Batch	
Semivolatile Organics					
Benzo(a)pyrene	ug	<0.10	0.10	9994318	
Surrogate Recovery (%)					
D10-2-Methylnaphthalene	%	74		9994318	
D10-Anthracene	%	80		9994318	
D10-Fluoranthene	%	96		9994318	
D10-Phenanthrene	%	92		9994318	
D12-Benzo(a)anthracene	%	82		9994318	
D12-Benzo(a)pyrene	%	76		9994318	
D12-Benzo(b)fluoranthene	%	94		9994318	
D12-Benzo(ghi)perylene	%	100		9994318	
D12-Benzo(k)fluoranthene	%	104		9994318	
D12-Chrysene	%	102		9994318	
D12-Indeno(1,2,3-cd)pyrene	%	94		9994318	
D12-Perylene	%	94		9994318	
D14-Dibenzo(a,h)anthracene	%	90		9994318	
D8-Acenaphthylene	%	78		9994318	
D8-Naphthalene	%	70		9994318	
RDL = Reportable Detection Limit QC Batch = Quality Control Batch					



Rotek Environmental Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 32669

CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AUIA89								
Sampling Date		2025/08/17								
COC Number		N/A								
	UNITS	STN29164 17-AUG-25 PUF#1	RDL	QC Batch						
Calculated Parameters										
Benzo(a)pyrene	ng/m3	<0.32	0.32	9994234						
				RDL = Reportable Detection Limit QC Batch = Quality Control Batch						



GENERAL COMMENTS

Results relate only to the items tested.		



QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9994318	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/08/27		74	%	50 - 150
			D10-Fluoranthene	2025/08/27		92	%	50 - 150
			D10-Phenanthrene	2025/08/27		84	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/27		80	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/27		94	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/27		98	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/27		104	%	50 - 150
			D12-Chrysene	2025/08/27		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/27		94	%	50 - 150
			D12-Perylene	2025/08/27		98	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/27		90	%	50 - 150
			D8-Acenaphthylene	2025/08/27		82	%	50 - 150
			D8-Naphthalene	2025/08/27		76	%	50 - 150
			Benzo(a)pyrene	2025/08/27		103	%	50 - 150
9994318	MPQ	RPD	Benzo(a)pyrene	2025/08/27	9.3		%	50
9994318	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/08/27		90	%	50 - 150
			D10-Fluoranthene	2025/08/27		98	%	50 - 150
			D10-Phenanthrene	2025/08/27		92	%	50 - 150
			D12-Benzo(a)pyrene	2025/08/27		82	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/08/27		96	%	50 - 150
			D12-Benzo(ghi)perylene	2025/08/27		104	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/08/27		106	%	50 - 150
			D12-Chrysene	2025/08/27		100	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/08/27		98	%	50 - 150
			D12-Perylene	2025/08/27		102	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/08/27		92	%	50 - 150
			D8-Acenaphthylene	2025/08/27		98	%	50 - 150
			D8-Naphthalene	2025/08/27		92	%	50 - 150
			Benzo(a)pyrene	2025/08/27	<0.10		ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/03

Report #: R8605454 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2320 Received: 2025/08/20, 08:25

Sample Matrix: Air # Samples Received: 4

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	4	N/A	2025/08/28	3 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	4	N/A	2025/08/28	3 BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/03

Report #: R8605454 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A2320 Received: 2025/08/20, 08:25

Encryption Key

Julian Tong Project Manager Assistar

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AUGX10	AUGX11	AUGX13	AUGX14						
Sampling Date		2025/08/17	2025/08/17	2025/08/17	2025/08/17						
COC Number		na	na	na	na						
	UNITS	EAST CANISTER #1 VOC AUGUST 17, 2025	OLD WEST CANISTER VOC AUGUST 17, 2025	SOUTH CANISTER VOC AUGUST 17, 2025	NEW WEST CANISTER VOC AUGUST 17, 2025	QC Batch					
Volatile Organics											
Pressure on Receipt	psig	(-6.8)	(-5.0)	(-6.1)	(-4.0)	9999551					
QC Batch = Quality Control	Batch				QC Batch = Quality Control Batch						



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUGX10				AUGX11				
Sampling Date		2025/08/17				2025/08/17				
COC Number		na				na				
	UNITS	EAST CANISTER #1 VOC AUGUST 17, 2025	RDL	ug/m3	DL (ug/m3)	OLD WEST CANISTER VOC AUGUST 17, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics										
Benzene	ppbv	12.8	0.19	40.8	0.607	1.37	0.10	4.39	0.319	9999223
Surrogate Recovery (%)			•					•	•	•
Bromochloromethane	%	82		N/A	N/A	78		N/A	N/A	9999223
D5-Chlorobenzene	%	77		N/A	N/A	66		N/A	N/A	9999223
Difluorobenzene	%	79		N/A	N/A	71		N/A	N/A	9999223
RDL = Reportable Detection Limit QC Batch = Quality Control Batch N/A = Not Applicable										

Bureau Veritas ID		AUGX13				AUGX14				
Sampling Date		2025/08/17				2025/08/17				
COC Number		na				na				
	UNITS	SOUTH CANISTER VOC AUGUST 17, 2025	RDL	ug/m3	DL (ug/m3)	NEW WEST CANISTER VOC AUGUST 17, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics										
Benzene	ppbv	4.94	0.18	15.8	0.575	0.79	0.10	2.53	0.319	9999223
Surrogate Recovery (%)							•			
Bromochloromethane	%	82		N/A	N/A	81		N/A	N/A	9999223
D5-Chlorobenzene	%	77		N/A	N/A	73		N/A	N/A	9999223
Difluorobenzene	%	79		N/A	N/A	75		N/A	N/A	9999223

RDL = Reportable Detection Limit QC Batch = Quality Control Batch

N/A = Not Applicable



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Sample AUGX10 [EAST CANISTER #1 VOC AUGUST 17, 2025] : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.

Sample AUGX13 [SOUTH CANISTER VOC AUGUST 17, 2025] : Sample was pressurized due to high vacuum in can. The DL's were adjusted accordingly.

Results relate only to the items tested.



Bureau Veritas Job #: C5A232 Report Date: 2025/09/03 RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
9999223	DVP	Spiked Blank	Bromochloromethane	2025/08/28		98	%	60 - 140
			D5-Chlorobenzene	2025/08/28		98	%	60 - 140
			Difluorobenzene	2025/08/28		99	%	60 - 140
			Benzene	2025/08/28		92	%	70 - 130
9999223	DVP	Method Blank	Bromochloromethane	2025/08/28		98	%	60 - 140
			D5-Chlorobenzene	2025/08/28		92	%	60 - 140
			Difluorobenzene	2025/08/28		96	%	60 - 140
			Benzene	2025/08/28	<0.10		ppbv	
9999223	DVP	RPD	Benzene	2025/08/28	NC		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.

NC (Duplicate RPD): The duplicate RPD was not calculated. The concentration in the sample and/or duplicate was too low to permit a reliable RPD calculation (absolute difference <= 2x RDL).



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Anke Macfarlane, Laboratory Manager, VOC

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Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Ruetgers list
Rotek Environmental Inc.
15 Keefer Court

Hamilton, ON CANADA L8E 4V4

Report Date: 2025/09/05

Report #: R8606962 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A3108 Received: 2025/08/21, 09:55

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/09/02	2 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/09/02	2 BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/09/05

Report #: R8606962 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A3108 Received: 2025/08/21, 09:55

Encryption Key



Bureau Veritas

05 Sep 2025 13:26:48

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AUII40				
Sampling Date						
COC Number		NA				
	UNITS	STN29164 17-AUG-25	QC Batch			
Volatile Organics						
Pressure on Receipt psig (-3.8) A002661						
QC Batch = Quality Control Batch						



Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUII40			AUII40				
Sampling Date									
COC Number		NA			NA				
	UNITS	STN29164 17-AUG-25	ug/m3	DL (ug/m3)	STN29164 17-AUG-25 Lab-Dup	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics									
Benzene	ppbv	0.16	0.513	0.319	0.16	0.10	0.499	0.319	A001433
Surrogate Recovery (%)									
Bromochloromethane	%	85	N/A	N/A	91		N/A	N/A	A001433
D5-Chlorobenzene	%	92	N/A	N/A	92		N/A	N/A	A001433
Difluorobenzene	%	86	N/A	N/A	91		N/A	N/A	A001433

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

Lab-Dup = Laboratory Initiated Duplicate

N/A = Not Applicable



Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A001433	TIM	Spiked Blank	Bromochloromethane	2025/09/02		97	%	60 - 140
			D5-Chlorobenzene	2025/09/02		101	%	60 - 140
			Difluorobenzene	2025/09/02		100	%	60 - 140
			Benzene	2025/09/02		96	%	70 - 130
A001433	TIM	Method Blank	Bromochloromethane	2025/09/02		91	%	60 - 140
			D5-Chlorobenzene	2025/09/02		86	%	60 - 140
			Difluorobenzene	2025/09/02		92	%	60 - 140
			Benzene	2025/09/02	<0.10		ppbv	
A001433	TIM	RPD [AUII40-01]	Benzene	2025/09/02	2.7		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Rotek Environmental Inc.

Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Mabr	
Melanie Mabini, Team Leader	

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Your Project #: RAIN CARBON CANADA INC.

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/05

Report #: R8606959 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A3460 Received: 2025/08/21, 16:45

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/09/02	2 BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/09/02	2 BRL SOP-00304	EPA TO-15 m

Remarks:

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Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your Project #: RAIN CARBON CANADA INC.

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/05

Report #: R8606959

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A3460

Received: 2025/08/21, 16:45

Encryption Key

Julian Tong

05 Sep 2025 13:35:07

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

	AUIZ27						
	2025/08/20						
	na						
UNITS	NORTH CANISTER VOC AUGUST 20, 2025	QC Batch					
Volatile Organics							
psig	(-4.5)	A002661					
QC Batch = Quality Control Batch							
		2025/08/20 na NORTH CANISTER VOC AUGUST 20, 2025					



Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUIZ27						
Sampling Date		2025/08/20						
COC Number		na						
	UNITS	NORTH CANISTER VOC AUGUST 20, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch		
Volatile Organics								
Benzene	ppbv	0.13	0.10	0.428	0.319	A001433		
Surrogate Recovery (%)	•		•			•		
Bromochloromethane	%	81		N/A	N/A	A001433		
D5-Chlorobenzene	%	84		N/A	N/A	A001433		
Difluorobenzene	%	80		N/A	N/A	A001433		
RDL = Reportable Detection Limit								
QC Batch = Quality Control Batch								
N/A = Not Applicable	N/A = Not Applicable							



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC. Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Report Date: 2025/09/05

RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A001433	TIM	Spiked Blank	Bromochloromethane	2025/09/02		97	%	60 - 140
			D5-Chlorobenzene	2025/09/02		101	%	60 - 140
			Difluorobenzene	2025/09/02		100	%	60 - 140
			Benzene	2025/09/02		96	%	70 - 130
A001433	TIM	Method Blank	Bromochloromethane	2025/09/02		91	%	60 - 140
			D5-Chlorobenzene	2025/09/02		86	%	60 - 140
			Difluorobenzene	2025/09/02		92	%	60 - 140
			Benzene	2025/09/02	<0.10		ppbv	
A001433	TIM	RPD	Benzene	2025/09/02	2.7		%	25

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC. Your P.O. #: 4500625271

Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Mabr	
Melanie Mabini, Team Leader	

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Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/11

Report #: R8610457 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A6227 Received: 2025/08/27, 16:55

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/09/09	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/09/09	BRL SOP-00304	EPA TO-15 m

Remarks:

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Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your Project #: RAIN CARBON CANADA INC

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/11

Report #: R8610457

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A6227 Received: 2025/08/27, 16:55

Encryption Key

Julian Tong
Project Manager Assistan

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AUOF62				
Sampling Date		2025/08/26				
COC Number		na				
	UNITS	EAST CANISTER #3 VOC AUGUST 26, 2025	QC Batch			
Volatile Organics						
Pressure on Receipt	psig	(-3.8)	A006923			
QC Batch = Quality Control Batch						



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

			1							
Bureau Veritas ID		AUOF62								
Sampling Date		2025/08/26								
COC Number		na								
	UNITS	EAST CANISTER #3 VOC AUGUST 26, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch				
Volatile Organics										
Benzene	ppbv	15.3	0.10	48.8	0.319	A006180				
Surrogate Recovery (%)										
Bromochloromethane	%	82		N/A	N/A	A006180				
D5-Chlorobenzene	%	83		N/A	N/A	A006180				
Difluorobenzene	%	76		N/A	N/A	A006180				
RDL = Reportable Detection Limit										
QC Batch = Quality Control Batch										
N/A = Not Applicable										



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate only	to the	items tested.
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Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A006180	DVP	Spiked Blank	Bromochloromethane	2025/09/09		98	%	60 - 140
			D5-Chlorobenzene	2025/09/09		98	%	60 - 140
			Difluorobenzene	2025/09/09		98	%	60 - 140
			Benzene	2025/09/09		93	%	70 - 130
A006180	DVP	Method Blank	Bromochloromethane	2025/09/09		96	%	60 - 140
			D5-Chlorobenzene	2025/09/09		93	%	60 - 140
			Difluorobenzene	2025/09/09		95	%	60 - 140
			Benzene	2025/09/09	<0.10		ppbv	

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Client Project #: RAIN CARBON CANADA INC

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Mabr	
Melanie Mabini, Team Leader	

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Site Location: RAIN CARBON CANADA INC.

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/16

Report #: R8613499 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A9699 Received: 2025/09/03, 17:00

Sample Matrix: Puf And Filter # Samples Received: 5

		Date	Date		
Analyses	Quantity E	Extracted	Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	5 2	2025/09/05	2025/09/09	BRL SOP-00201	·
PAH's in MM5 SamplingTrains (CARB429mod) (1)	5 2	2025/09/05	2025/09/11	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	5 N	N/A	2025/09/09		

Remarks:

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Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Napthalene, 2-Methylnapthalene, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



Site Location: RAIN CARBON CANADA INC.

Your C.O.C. #: N/A

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/16

Report #: R8613499

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A9699 Received: 2025/09/03, 17:00

Encryption Key

Julian Tong
Project Manager Assistan

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AUUK75	AUUK76	AUUK77	AUUK78	
Sampling Date		2025/08/29	2025/08/29	2025/08/29	2025/08/29	
COC Number		N/A	N/A	N/A	N/A	
	UNITS	EAST MONITOR PAH AUGUST 29, 2025 ATLY18-01	NORTH MONITOR PAH AUGUST 29, 2025 ATLY19-01	OLD WEST MONITOR PAH AUGUST 29, 2025 ATLY20-01	SOUTH MONITOR PAH AUGUST 29, 2025 ATLY21-01	QC Batch
Volume	m3	332.1	311.8	316.7	321.9	ONSITE
QC Batch = Quality Contro	l Batch		_	_	_	

Bureau Veritas ID		AUUK79				
Sampling Date		2025/08/29				
COC Number		N/A				
	UNITS	NEW WEST MONITOR PAH AUGUST 29, 2025 ATLY22-01	QC Batch			
Volume	m3	314.2	ONSITE			
QC Batch = Quality Control Batch						



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AUUK75		AUUK76	AUUK77		
Sampling Date		2025/08/29		2025/08/29	2025/08/29		
COC Number		N/A		N/A	N/A		
	UNITS	EAST MONITOR PAH AUGUST 29, 2025 ATLY18-01	QC Batch	NORTH MONITOR PAH AUGUST 29, 2025 ATLY19-01	OLD WEST MONITOR PAH AUGUST 29, 2025 ATLY20-01	RDL	QC Batch
Semivolatile Organics							
Benzo(a)pyrene	ug	0.72	A004646	0.94	0.38	0.10	A004646
Surrogate Recovery (%)						•	
D10-2-Methylnaphthalene	%	120	A004646	86	78		A004646
D10-Anthracene	%	110	A004646	84	68		A004646
D10-Fluoranthene	%	134	A004646	100	92		A004646
D10-Phenanthrene	%	130	A004646	100	82		A004646
D12-Benzo(a)anthracene	%	90	A004646	88	76		A004646
D12-Benzo(a)pyrene	%	82	A004646	76	66		A004646
D12-Benzo(b)fluoranthene	%	102	A004646	100	86		A004646
D12-Benzo(ghi)perylene	%	106	A004646	102	86		A004646
D12-Benzo(k)fluoranthene	%	102	A004646	100	84		A004646
D12-Chrysene	%	104	A004646	100	88		A004646
D12-Indeno(1,2,3-cd)pyrene	%	104	A004646	102	86		A004646
D12-Perylene	%	102	A004646	96	84		A004646
D14-Dibenzo(a,h)anthracene	%	110	A004646	108	88		A004646
D8-Acenaphthylene	%	118	A004646	86	78		A004646
D8-Naphthalene	%			82	82		A004646
RDL = Reportable Detection Li	mit						

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AUUK78		AUUK79		
Sampling Date		2025/08/29		2025/08/29		
				• •		
COC Number		N/A		N/A		
	UNITS	SOUTH MONITOR PAH AUGUST 29, 2025 ATLY21-01	QC Batch	NEW WEST MONITOR PAH AUGUST 29, 2025 ATLY22-01	RDL	QC Batch
Semivolatile Organics						
Benzo(a)pyrene	ug	0.42	A004646	0.48	0.10	A004646
Surrogate Recovery (%)						
D10-2-Methylnaphthalene	%	114	A004646	90		A004646
D10-Anthracene	%	102	A004646	82		A004646
D10-Fluoranthene	%	128	A004646	100		A004646
D10-Phenanthrene	%	120	A004646	98		A004646
D12-Benzo(a)anthracene	%	88	A004646	84		A004646
D12-Benzo(a)pyrene	%	80	A004646	74		A004646
D12-Benzo(b)fluoranthene	%	104	A004646	98		A004646
D12-Benzo(ghi)perylene	%	102	A004646	100		A004646
D12-Benzo(k)fluoranthene	%	98	A004646	94		A004646
D12-Chrysene	%	102	A004646	98		A004646
D12-Indeno(1,2,3-cd)pyrene	%	102	A004646	98		A004646
D12-Perylene	%	100	A004646	94		A004646
D14-Dibenzo(a,h)anthracene	%	102	A004646	102		A004646
D8-Acenaphthylene	%	112	A004646	90		A004646
D8-Naphthalene	%			86		A004646
RDL = Reportable Detection Li					•	

QC Batch = Quality Control Batch



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AUUK75		AUUK76	AUUK77					
Sampling Date		2025/08/29		2025/08/29	2025/08/29					
COC Number		N/A		N/A	N/A					
	EAST MONITOR UNITS PAH AUGUST 29, 2025 ATLY18-01		NORTH MONITOR PAH AUGUST 29, 2025 ATLY19-01	OLD WEST MONITOR PAH AUGUST 29, 2025 ATLY20-01	RDL	QC Batch				
Calculated Parameters										
Benzo(a)pyrene	ug/m3	0.00217	0.00030	0.00301	0.00120	0.00032	A004505			
•	IDL = Reportable Detection Limit QC Batch = Quality Control Batch									

Bureau Veritas ID		AUUK78		AUUK79					
Sampling Date		2025/08/29	2025/08/29						
COC Number		N/A		N/A					
	UNITS	SOUTH MONITOR PAH AUGUST 29, 2025 ATLY21-01	RDL	NEW WEST MONITOR PAH AUGUST 29, 2025 ATLY22-01	RDL	QC Batch			
Calculated Parameters									
Benzo(a)pyrene	zo(a)pyrene ug/m3 0.00130		0.00031	0.00153	0.00032	A004505			
RDL = Reportable Detection Limit QC Batch = Quality Control Batch									



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A004646	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/09/11		82	%	50 - 150
			D10-Fluoranthene	2025/09/11		96	%	50 - 150
			D10-Phenanthrene	2025/09/11		94	%	50 - 150
			D12-Benzo(a)pyrene	2025/09/11		76	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Benzo(ghi)perylene	2025/09/11		98	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Chrysene	2025/09/11		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/09/11		98	%	50 - 150
			D12-Perylene	2025/09/11		96	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/09/11		98	%	50 - 150
			D8-Acenaphthylene	2025/09/11		88	%	50 - 150
			D8-Naphthalene	2025/09/11		80	%	50 - 150
			Benzo(a)pyrene	2025/09/11		88	%	50 - 150
A004646	MPQ	RPD	Benzo(a)pyrene	2025/09/11	2.8		%	50
A004646	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/09/11		84	%	50 - 150
			D10-Fluoranthene	2025/09/11		98	%	50 - 150
			D10-Phenanthrene	2025/09/11		94	% % % % % % % % % % % % % % % %	50 - 150
			D12-Benzo(a)pyrene	2025/09/11		78	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/09/11		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/09/11		102	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Chrysene	2025/09/11		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/09/11		104	%	50 - 150
			D12-Perylene	2025/09/11		100	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/09/11		98	%	50 - 150
			D8-Acenaphthylene	2025/09/11		90	%	50 - 150
			D8-Naphthalene	2025/09/11		82	%	50 - 150
			Benzo(a)pyrene	2025/09/11	<0.10		ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Site Location: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

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Your P.O. #: 32669

Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Ruetgers list
Rotek Environmental Inc.
15 Keefer Court
Hamilton, ON
CANADA L8E 4V4

Report Date: 2025/09/16

Report #: R8613498 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A8657 Received: 2025/09/03, 11:28

Sample Matrix: Puf And Filter # Samples Received: 1

	Da	ate	Date		
Analyses	Quantity Ex	tracted	Analyzed	Laboratory Method	Analytical Method
Calculated Polyaromatic Hydrocarbons	1 20	25/09/04	2025/09/04	BRL SOP-00201	·
PAH's in MM5 SamplingTrains (CARB429mod) (1)	1 20	25/09/05	2025/09/11	BRL SOP-00201	CARB429(ARBM1,M2)mod
Air Volume from HiVol Sampling	1 N/	/A	2025/09/04		

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Analysis was conducted according to Bureau Veritas' method BRL SOP-00201 and modified where applicable based on the sample matrix. Only the following parameters are accredited: Napthalene, 2-Methylnapthalene, Acenapthylene, Acenapthene, Anthracene, Benzo (a) anthracene, Dibenzo (a,h) anthracene, Fluorene, Benzo (e) pyrene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Chrysene, Fluoranthene, Indeno (1,2,3 cd) pyrene. Additional parameters are not Standards Council of Canada accredited for this matrix.



Your P.O. #: 32669

Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: N/A

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/09/16

Report #: R8613498 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A8657 Received: 2025/09/03, 11:28

Encryption Key



Bureau Veritas

16 Sep 2025 16:24:54

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com

Phone# (905)817-5763

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Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

RESULTS OF ANALYSES OF PUF AND FILTER

Bureau Veritas ID		AUSP87	
Sampling Date		2025/08/29	
COC Number		N/A	
	UNITS	STN29164	OC Batala
	UNITS	29-AUG-25 PUF#1	QC Batch
Volume	m3	29-AUG-25 PUF#1 310.4	ONSITE



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

SEMI-VOLATILE ORGANICS BY GC-MS (PUF AND FILTER)

Bureau Veritas ID		AUSP87		
Sampling Date		2025/08/29		
COC Number		N/A		
	UNITS	STN29164 29-AUG-25 PUF#1	RDL	QC Batch
Benzo(a)pyrene	ug	0.34	0.10	A004646
Surrogate Recovery (%)				
D10-2-Methylnaphthalene	%	74		A004646
D10-Anthracene	%	74		A004646
D10-Fluoranthene	%	88		A004646
D10-Phenanthrene	%	88		A004646
D12-Benzo(a)anthracene	%	80		A004646
D12-Benzo(a)pyrene	%	74		A004646
D12-Benzo(b)fluoranthene	%	94		A004646
D12-Benzo(ghi)perylene	%	98		A004646
D12-Benzo(k)fluoranthene	%	92		A004646
D12-Chrysene	%	92		A004646
D12-Indeno(1,2,3-cd)pyrene	%	96		A004646
D12-Perylene	%	94		A004646
D14-Dibenzo(a,h)anthracene	%	96		A004646
D8-Acenaphthylene	%	78		A004646
D8-Naphthalene	%	68		A004646
RDL = Reportable Detection Lin QC Batch = Quality Control Bat				



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

CALCULATED SEMIVOLATILE ORGANICS (PUF AND FILTER)

Bureau Veritas ID		AUSP87		
Sampling Date		2025/08/29		
COC Number		N/A		
	UNITS	STN29164	RDL	QC Batch
	0.4	29-AUG-25 PUF#1		QC Butti
Benzo(a)pyrene	ng/m3	29-AUG-25 PUF#1 1.10	0.32	A003947



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

GENERAL COMMENTS

Results relate only to the items tested.



Bureau Veritas Job #: C5A865 Report Date: 2025/09/16 Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A004646	MPQ	Spiked Blank	D10-2-Methylnaphthalene	2025/09/11		82	%	50 - 150
			D10-Fluoranthene	2025/09/11		96	%	50 - 150
			D10-Phenanthrene	2025/09/11		94	%	50 - 150
			D12-Benzo(a)pyrene	2025/09/11		76	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Benzo(ghi)perylene	2025/09/11		98	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Chrysene	2025/09/11		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/09/11		98	%	50 - 150
			D12-Perylene	2025/09/11		96	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/09/11		98	%	50 - 150
			D8-Acenaphthylene	2025/09/11		88	%	50 - 150
			D8-Naphthalene	2025/09/11		80	%	50 - 150
			Benzo(a)pyrene	2025/09/11		88	%	50 - 150
A004646	MPQ	RPD	Benzo(a)pyrene	2025/09/11	2.8		%	50
A004646	MPQ	Method Blank	D10-2-Methylnaphthalene	2025/09/11		84	%	50 - 150
			D10-Fluoranthene	2025/09/11		98	%	50 - 150
			D10-Phenanthrene	2025/09/11		94	%	50 - 150
			D12-Benzo(a)pyrene	2025/09/11		78	%	50 - 150
			D12-Benzo(b)fluoranthene	2025/09/11		100	%	50 - 150
			D12-Benzo(ghi)perylene	2025/09/11		102	%	50 - 150
			D12-Benzo(k)fluoranthene	2025/09/11		98	%	50 - 150
			D12-Chrysene	2025/09/11		98	%	50 - 150
			D12-Indeno(1,2,3-cd)pyrene	2025/09/11		104	%	50 - 150
			D12-Perylene	2025/09/11		100	%	50 - 150
			D14-Dibenzo(a,h)anthracene	2025/09/11		98	%	50 - 150
			D8-Acenaphthylene	2025/09/11		90	%	50 - 150
			D8-Naphthalene	2025/09/11		82	%	50 - 150
			Benzo(a)pyrene	2025/09/11	<0.10		ug	

Duplicate: Paired analysis of a separate portion of the same sample. Used to evaluate the variance in the measurement.

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



rreau Veritas Job #: C5A8657 Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Angel Guerrero, Supervisor, Ultra Trace Analysis, HRMS and SVOC

Dipika Singh, Sample Reception

Bureau Veritas has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per ISO/IEC 17025, signing the reports. For Service Group specific validation, please refer to the Validation Signatures page if included, otherwise available by request. For Department specific Analyst/Supervisor validation names, please refer to the Test Summary section if included, otherwise available by request. This report is authorized by Rodney Major, General Manager responsible for Ontario Environmental laboratory operations.



Your P.O. #: 4500625271

Your Project #: RAIN CARBON CANADA INC.

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/17

Report #: R8613868 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A9016 Received: 2025/09/03, 17:00

Sample Matrix: Air # Samples Received: 5

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/09/12	BRL SOP-00304	EPA TO-15 m
Canister Pressure (TO-15)	4	N/A	2025/09/13	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/09/12	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	4	N/A	2025/09/13	BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

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Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your P.O. #: 4500625271

Your Project #: RAIN CARBON CANADA INC.

Your C.O.C. #: na

Attention: Robin Hart

RAIN CARBON Canada Inc. 725 Strathearne Ave North Hamilton, ON CANADA L8H 5L3

Report Date: 2025/09/17

Report #: R8613868

Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A9016 Received: 2025/09/03, 17:00

Encryption Key

Julian Tong Project Manager Assist

Please direct all questions regarding this Certificate of Analysis to:

Julian Tong, Project Manager Assistant Email: Julian.Tong@bureauveritas.com

Phone# (905) 817-5700

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reau Veritas Job #: C5A9016 RAIN CARBON Canada Inc.

Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AUTE06		AUTE07	AUTE08	AUTE09		
Sampling Date		2025/08/29		2025/08/29	2025/08/29	2025/08/29		
COC Number		na		na	a na na			
	UNITS	EAST CANISTER VOC AUGUST 29, 2025	EAST CANISTER OC AUGUST 29, QC Batch VOC AUGUST 29,		OLD WEST CANISTER VOC AUGUST 29, 2025	SOUTH CANISTER VOC AUGUST 29, 2025	QC Batch	
Volatile Organics								
Pressure on Receipt	psig	(-4.4)	A010229	(-2.7)	(-2.9)	(-2.5)	A010293	
QC Batch = Quality Contro	l Batch			_	_	_		

Bureau Veritas ID		AUTE10					
Sampling Date		2025/08/29					
COC Number		na					
	UNITS	NEW WEST CANISTER VOC AUGUST 29, 2025	QC Batch				
Volatile Organics							
Pressure on Receipt	psig	(-3.5)	A010293				
QC Batch = Quality Control Batch							



Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUTE06	1			AUTE07				
Dureau Veritas ID										
Sampling Date		2025/08/29				2025/08/29				
COC Number		na				na				
	UNITS	EAST CANISTER VOC AUGUST 29, 2025	ug/m3	DL (ug/m3)	QC Batch	NORTH CANISTER VOC AUGUST 29, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics										
Benzene	ppbv	3.68	11.8	0.319	A009051	0.76	0.10	2.43	0.319	A009750
Surrogate Recovery (%)										
Bromochloromethane	%	79	N/A	N/A	A009051	86		N/A	N/A	A009750
D5-Chlorobenzene	%	83	N/A	N/A	A009051	90		N/A	N/A	A009750
Difluorobenzene	%	74	N/A	N/A	A009051	83		N/A	N/A	A009750

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable

Bureau Veritas ID		AUTE08			AUTE09				
Sampling Date		2025/08/29			2025/08/29				
COC Number		na			na				
	UNITS	OLD WEST CANISTER VOC AUGUST 29, 2025	ug/m3	DL (ug/m3)	SOUTH CANISTER VOC AUGUST 29, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics									
Benzene	ppbv	0.58	1.84	0.319	13.6	0.10	43.4	0.319	A009750
Surrogate Recovery (%)	•		•						-
Bromochloromethane	%	86	N/A	N/A	85		N/A	N/A	A009750
D5-Chlorobenzene	%	85	N/A	N/A	85		N/A	N/A	A009750
Difluorobenzene	%	82	N/A	N/A	82		N/A	N/A	A009750

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUTE10				
Sampling Date		2025/08/29				
COC Number		na				
	UNITS	NEW WEST CANISTER VOC AUGUST 29, 2025	RDL	ug/m3	DL (ug/m3)	QC Batch
Volatile Organics						
Benzene	ppbv	0.65	0.10	2.09	0.319	A009750
Surrogate Recovery (%)						
Bromochloromethane	%	84		N/A	N/A	A009750
D5-Chlorobenzene	%	83		N/A	N/A	A009750
Difluorobenzene	%	80		N/A	N/A	A009750
RDL = Reportable Detection L QC Batch = Quality Control Ba N/A = Not Applicable						



RAIN CARBON Canada Inc. Client Project #: RAIN CARBON CANADA INC. Your P.O. #: 4500625271 Sampler Initials: RH

GENERAL COMMENTS

Results relate only	to the	items tested.
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Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A009051	TIM	Spiked Blank	Bromochloromethane	2025/09/12		90	%	60 - 140
			D5-Chlorobenzene	2025/09/12		101	%	60 - 140
			Difluorobenzene	2025/09/12		88	%	60 - 140
			Benzene	2025/09/12		104	%	70 - 130
A009051	TIM	Method Blank	Bromochloromethane	2025/09/12		92	%	60 - 140
			D5-Chlorobenzene	2025/09/12		93	%	60 - 140
			Difluorobenzene	2025/09/12		90	%	60 - 140
			Benzene	2025/09/12	< 0.10		ppbv	
A009750	TIM	Spiked Blank	Bromochloromethane	2025/09/13		90	%	60 - 140
			D5-Chlorobenzene	2025/09/13		93	%	60 - 140
			Difluorobenzene	2025/09/13		89	%	60 - 140
			Benzene	2025/09/13		105	%	70 - 130
A009750	TIM	Method Blank	Bromochloromethane	2025/09/13		95	%	60 - 140
			D5-Chlorobenzene	2025/09/13		94	%	60 - 140
			Difluorobenzene	2025/09/13		93	%	60 - 140
			Benzene	2025/09/13	<0.10		ppbv	

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Client Project #: RAIN CARBON CANADA INC.

Your P.O. #: 4500625271 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Mabr	
Melanie Mabini, Team Leader	

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Your P.O. #: 32669

Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Ruetgers list
Rotek Environmental Inc.
15 Keefer Court
Hamilton, ON
CANADA L8E 4V4

Report Date: 2025/09/16

Report #: R8613238 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A8587 Received: 2025/09/03, 11:28

Sample Matrix: Air # Samples Received: 1

		Date	Date		
Analyses	Quantity	Extracted	Analyzed	Laboratory Method	Analytical Method
Canister Pressure (TO-15)	1	N/A	2025/09/12	BRL SOP-00304	EPA TO-15 m
Volatile Organics in Air (TO-15) (1)	1	N/A	2025/09/15	BRL SOP-00304	EPA TO-15 m

Remarks:

Bureau Veritas is accredited to ISO/IEC 17025 for specific parameters on scopes of accreditation. Unless otherwise noted, procedures used by Bureau Veritas are based upon recognized Provincial, Federal or US method compendia such as CCME, EPA, APHA or the Quebec Ministry of Environment.

All work recorded herein has been done in accordance with procedures and practices ordinarily exercised by professionals in Bureau Veritas' profession using accepted testing methodologies, quality assurance and quality control procedures (except where otherwise agreed by the client and Bureau Veritas in writing). All data is in statistical control and has met quality control and method performance criteria unless otherwise noted. All method blanks are reported; unless indicated otherwise, associated sample data are not blank corrected. Where applicable, unless otherwise noted, Measurement Uncertainty has not been accounted for when stating conformity to the referenced standard.

Bureau Veritas liability is limited to the actual cost of the requested analyses, unless otherwise agreed in writing. There is no other warranty expressed or implied. Bureau Veritas has been retained to provide analysis of samples provided by the Client using the testing methodology referenced in this report. Interpretation and use of test results are the sole responsibility of the Client and are not within the scope of services provided by Bureau Veritas, unless otherwise agreed in writing. Bureau Veritas is not responsible for the accuracy or any data impacts, that result from the information provided by the customer or their agent.

Solid sample results, except biota, are based on dry weight unless otherwise indicated. Organic analyses are not recovery corrected except for isotope dilution methods.

Results relate to samples tested. When sampling is not conducted by Bureau Veritas, results relate to the supplied samples tested.

This Certificate shall not be reproduced except in full, without the written approval of the laboratory.

 $Reference\ Method\ suffix\ "m"\ indicates\ test\ methods\ incorporate\ validated\ modifications\ from\ specific\ reference\ methods\ to\ improve\ performance.$

(1) Air sampling canisters have been cleaned in accordance with U.S. EPA Method TO15. At the end of the cleaning, evacuation, and pressurization cycles, one canister was selected and was pressurized with Zero Air. This canister was then analyzed via TO15 on a GC/MS. The canister must have been found to contain <0.2 ppbv concentration of all target analytes in order for the batch to have been considered clean. Each canister also underwent a leak check prior to shipment.

Please Note: SUMMA® canister samples will be retained by Bureau Veritas for a period of 5 calendar days or as contractually agreed from the date of this report, after which time they will be cleaned for reuse. If you require a longer sample storage period, please contact your service representative.



Your P.O. #: 32669

Site Location: RAIN CARBON CANADA INC

Your C.O.C. #: NA

Attention: Ruetgers list

Rotek Environmental Inc. 15 Keefer Court Hamilton, ON CANADA L8E 4V4

Report Date: 2025/09/16

Report #: R8613238 Version: 1 - Final

CERTIFICATE OF ANALYSIS

BUREAU VERITAS JOB #: C5A8587 Received: 2025/09/03, 11:28

Encryption Key



Bureau Veritas

16 Sep 2025 13:04:52

Please direct all questions regarding this Certificate of Analysis to: Cristina (Maria) Bacchus, Project Manager Email: maria.bacchus@bureauveritas.com Phone# (905)817-5763

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Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

RESULTS OF ANALYSES OF AIR

Bureau Veritas ID		AUSM63	
Sampling Date		2025/08/29	
COC Number		NA	
	UNITS	STN29164 29-AUG-25	QC Batch
Pressure on Receipt	psig	(-4.1)	QC Batch A010952



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VOLATILE ORGANICS BY GC/MS (AIR)

Bureau Veritas ID		AUSM63				
Sampling Date		2025/08/29				
COC Number		NA				
	UNITS	STN29164 29-AUG-25	RDL	ug/m3	DL (ug/m3)	QC Batch
Benzene	ppbv	0.33	0.20	1.04	0.639	A010132
Surrogate Recovery (%)						
Bromochloromethane	%	96		N/A	N/A	A010132
D5-Chlorobenzene	%	94		N/A	N/A	A010132
Difluorobenzene	%	96		N/A	N/A	A010132
RDI = Reportable Detection	n Limit		•			

RDL = Reportable Detection Limit

QC Batch = Quality Control Batch

N/A = Not Applicable



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

GENERAL COMMENTS

Sample AUSM63 [STN29164 29-AUG-25]: Sample was analyzed at a 2X dilution. The DL was adjusted accordingly.

Results relate only to the items tested.



Bureau Veritas Job #: C5A8587 Report Date: 2025/09/16 Rotek Environmental Inc.

Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

QUALITY ASSURANCE REPORT

QA/QC								
Batch	Init	QC Type	Parameter	Date Analyzed	Value	Recovery	UNITS	QC Limits
A010132	NS2	Spiked Blank	Bromochloromethane	2025/09/15		103	%	60 - 140
			D5-Chlorobenzene	2025/09/15		102	%	60 - 140
			Difluorobenzene	2025/09/15		101	%	60 - 140
			Benzene	2025/09/15		96	%	70 - 130
A010132	NS2	Method Blank	Bromochloromethane	2025/09/15		103	%	60 - 140
			D5-Chlorobenzene	2025/09/15		98	%	60 - 140
			Difluorobenzene	2025/09/15		103	%	60 - 140
			Benzene	2025/09/15	<0.10		ppbv	

Spiked Blank: A blank matrix sample to which a known amount of the analyte, usually from a second source, has been added. Used to evaluate method accuracy.

Method Blank: A blank matrix containing all reagents used in the analytical procedure. Used to identify laboratory contamination.

Surrogate: A pure or isotopically labeled compound whose behavior mirrors the analytes of interest. Used to evaluate extraction efficiency.



Site Location: RAIN CARBON CANADA INC

Your P.O. #: 32669 Sampler Initials: RH

VALIDATION SIGNATURE PAGE

The analytical data and all QC contained in this report were reviewed and validated by:

Hulanie Habr Melanie Mabini, Team Leader

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APPENDIX E

Field Notes



Station : East

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments						
12-Jul-25	ASJM47-01	ASJM47-01	11-Jul-25	36	5378.74	34	5401.97	14-Jul-25	318.1	23.23	RH							
12-301-25	PUF#1	A3JIVI47-01	16:25	30	5576.74	34	5401.97	14:33	310.1	23.23	КП							
24-Jul-25	ASJN19-01	ASJN19-01	23-Jul-25	38	5401.97	34	5425.28	28-Jul-25	322.9	23.31	RH							
24-301-25	PUF#1	A33N 19-01	14:55	30	5401.97	34	3423.20	12:32	322.9	23.31	KH							
05-Aug-25	ATLW29-01	ATI W20 04	ATLW20.01	ΔTI W/29-01	ATI W29-01	ATLW29-01	ATI W29-01	ATLW29-01	01-Aug-25	38	5425.29	38	5448.74	07-Aug-25	333.8	23.45	RH	
05-Aug-25	PUF#1	A1LVV29-01	17:27	30	5425.29	36	3440.74	11:18	333.6	23.43	KH							
17-Aug-25	ATLW56-01	ATLW56-01	15-Aug-25	36	5448.75	38	5472.10	19-Aug-25	328.2	23.35	RH							
17-Aug-23	PUF#1	ATEVVOO-OT	17:13	30	5440.75	30	3472.10	14:19	320.2	23.33	IXII							
29-Aug-25	ATLY18-01	ATLY18-01	28-Aug-25	38	5472.15	38	5495.39	03-Sep-25	332.1	23.24	RH							
23-Aug-23	PUF#1	AILI 10-01	16:26	30	0412.10	56	0490.09	09:29	332.1	25.24	INII							



Station : North

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments	
	ASJM48-01		11-Jul-25					14-Jul-25					
12-Jul-25	PUF#2	ASJM48-01	16:35	38	3611.74	38	3635.23	15:13	315.4	23.49	RH		
24-Jul-25	ASJN20-01	ASJN20-01	23-Jul-25	38	3635.24	38	3658.73	28-Jul-25	316.4	23.49	RH		
24-Jul-25	PUF#2	A331120-01	15:10	36	3033.24	30	3030.73	12:46	310.4	25.10	KH		
05-Aug-25	ATLW30-01	1 01-	1 ATLW30-01	01-Aug-25	36	3658.74	36	3682.13	07-Aug-25	310.8	23.39	RH	
03-Aug-23	PUF#2	ATEVV30-01	17:44	30	3030.74	30	3002.13	11:39	310.0	23.39	IXII		
17-Aug-25	ATLW57-01	ATLW57-01	15-Aug-25	34	3682.14	34	3705.60	19-Aug-25	301.9	23.46	RH		
17-Aug-23	PUF#2	AILW37-01	17:31	34	3002.14	34	3703.00	14:32	301.9	23.40	IXII		
29-Aug-25	ATLY19-01	ATLY19-01	28-Aug-25	36	3705.67	35	3729.17	03-Sep-25	311.8	23.50	RH		
25-Aug-20	PUF#2	ATETTO-01	18:06	30	0100.01	55	0720.17	09:48	011.0	20.00	TXIT		



Station : Old West

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments
				1					T	1		
12-Jul-25	ASJM49-01	ASJM49-01	11-Jul-25	30	5233.24	30	5257.10	14-Jul-25	310.8	23.86	RH	
12 00. 20	PUF#3	710011110 01	17:34	00	0200.21	00	0207.10	16:36	010.0	20.00	1.0.1	
24-Jul-25	ASJN21-01	ASJN21-01	23-Jul-25	38	5257.10	32	5280.89	28-Jul-25	325.9	23.79	RH	
24-341-25	PUF#3	A33112 1-01	16:50	36	3237.10	32	3200.09	15:28	323.9	25.19	1011	
05-Aug-25	ATLW31-01	ATLW31-01	01-Aug-25	34	5280.90	32	5304.62	07-Aug-25	321.5	23.72	RH	
05-Aug-25	PUF#3	AILW3I-UI	18:43	34	5260.90	32	5504.62	16:35	321.5	23.72	КП	
17-Aug-25	ATLW58-01	ATLW58-01	15-Aug-25	30	5304.63	32	5328.31	19-Aug-25	313.7	23.68	RH	
17-Aug-25	PUF#3	AILVVO6-UI	18:22	30	5304.63	32	5328.31	16:16	313.7	23.08	КП	
20 Aug 25	ATLY20-01	ATLY20-01	28-Aug-25	30	5328.39	32	5352.14	03-Sep-25	316.7	23.75	RH	
29-Aug-25	PUF#3	A1L120-01	18:58	30	0328.39	32	0002.14	11:11	310.7	23.75	КΠ	



Station : South

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments		
	A O IMEO O4		44 1:105	1		1		44 1:105	Ī	1				
12-Jul-25	ASJM50-01	ASJM50-01	11-Jul-25	34	5143.07	32	5166.01	14-Jul-25	299.0	22.94	RH			
	PUF#4		16:53					15:38						
24-Jul-25	ASJN22-01	ASJN22-01	A S IN 22 01	23-Jul-25	38	5166.01	38	5188.92	28-Jul-25	317.0	22.91	RH		
24-501-25	PUF#4		15:31	30	3100.01	50	0100.02	13:06	317.0	22.51	1311			
05-Aug-25	ATLW32-01	ATLW32-01	01-Aug-25	- 38 5	5188.93	38	5211.85	07-Aug-25	320.4	22.92	RH			
05-Aug-25	PUF#4	ATLVV32-UT	18:03		5168.93	30		12:12	320.4	22.92	KH			
17-Aug-25	ATLW59-01	ATLW59-01	ATL W/50 04	ATL W/50 01	15-Aug-25	38	5211.86	40	5234.74	19-Aug-25	321.9	22.88	RH	
17-Aug-25	PUF#4		17:48	36	3211.00	40	5254.74	15:47	321.9	22.00	KH			
29-Aug-25	ATLY21-01	-01 ATLY21-01	28-Aug-25	38	5234.79	38	5257.71	03-Sep-25	321.9	22.92	RH			
23-Aug-25	PUF#4	AILIZI-UI	18:22	30	5254.79	50	J2J1.11	10:17	321.9	22.92	INIT			



Station : New West

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	PUF Cartridge # Maxxam ID#	Maxxam Filter ID #	Installation (Date) (Time EST)	MAGN On	ETI On	MAGN Off	ETI Off	Removal (Date) (Time EST)	Calculated Sample Volume (293.6 - 358.8 m ³)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Comments		
	ASJM51-01		11-Jul-25					14-Jul-25		ı				
12-Jul-25	ASJIVIST-UT	ASJM51-01	11-Jul-25	38	4940.73	38	4964.29	14-Jul-25	316.4	23.56	RH			
	PUF#5		17:15					16:18						
24-Jul-25	ASJN23-01	ASJN23-01	A S IN 22 01	23-Jul-25	23-Jul-25	34	4964.29	35	4987.86	28-Jul-25	#REF!	23.57	RH	
24-Jul-25	PUF#5		15:50	34	4904.29	33	4007.00	15:10	#111:	20.01	KH			
05-Aug-25	ATLW33-01	ATLW33-01 01-Aug-25	01-Aug-25	38	4987.87	36	5011.55	07-Aug-25	318.7	23.68	RH			
05-Aug-25	PUF#5	AILW33-UI	18:22	30				16:07	310.7	23.00	КП			
17-Aug-25	ATLW60-01	ATLW60-01	ATL M/CO 04	ATL M60 01	15-Aug-25	36	5011.55	40	5035.11	19-Aug-25	319.5	23.56	RH	
17-Aug-25	PUF#5		18:06	30	3011.33	40	5055.11	15:39	319.5	23.30	KH			
29-Aug-25	ATLY21-01	ATLY21-01	28-Aug-25	36	5035.17	36	5058.70	03-Sep-25	314.2	23.53	RH			
23-Aug-25	PUF#5	AILIZI-UI	18:42	30	3033.17	30	3030.70	10:42	314.2	20.00	INII			



Station : East

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As	Comments	
12-Jul-25	309	11-Jul 16:24		-30.0		-18.0	14-Jul-25 14:37		24.0	RH		The July 12 , 2025, MECP monitoring day VOC monitor summa canister off pressure was - 18 inches Hg due to a VOC sampler timer valve flow restrictions.	
		14-Jul					17-Jul-25					Additional East VOC Monitor Tuesday July 15,	
15-Jul-25	305	14:44		-30.0		-18.0	14:36		24.0	RH		2025, MECP monitoring day	
	4.4050	18-Jul				44.0	22-Jul-25		24.2	5		#`1 Additional East VOC Monitor Saturday	
19-Jul-25	14253	18:44		-30.0		-14.0	14:36		24.0	RH		July 19 , 2025, MECP monitoring day	
	4.4050	18-Jul					22-Jul-25		24.2	5		#2 Additional East VOC Monitor Saturday July	
19-Jul-25	14252	18:44		-30.0		0.0	14:40		24.0	RH		19 , 2025, MECP monitoring day	
	2225	23-Jul					28-Jul-25		24.2	5			
24-Jul-25	23655	15:00		-30.0		-17.5	12:35		24.0	RH			
	00570	23-Jul				0.5	28-Jul-25		24.2	5		Additional Standalone East VOC Monitor	
24-Jul-25	32572	16:40		-30.0		-9.5	12:36		24.0	RH		Thursday July 24 , 2025, MECP monitoring day	
	050	01-Aug			00.0		44.0	07-Aug-25		04.0	D.I.		
05-Aug-25	256	17:30		-30.0		-14.0	11:20		24.0	RH			
05 4 05	20207	01-Aug		20.0		-10.0	07-Aug-25		24.0	DII		Additional Standalone East VOC Monitor	
05-Aug-25	29297	17:35		-30.0			11:23			RH		Tuesday August 5 , 2025, MECP monitoring day	
47 Aug 05	7826	15-Aug		-30.0		-16.0	19-Aug-25		24.0	RH		Summa canister pressure on receipt outside	
17-Aug-25	7020	17:17		-30.0		-10.0	14:22		24.0	КП		MECP guidance. Sample invalidated.	
47 Aug 25	280	15-Aug		-30.0		-3.0	19-Aug-25		24.0	RH		Additional Standalone East VOC Monitor Sunday August 17, 2025, MECP monitoring day. Summa canister	
17-Aug-25	200	17:20		-30.0		-3.0	14:23		24.0	КП		pressure on receipt outside MECP guidance. Sample invalidated.	
22 4 25	132	21-Aug		-30.0		-30.0	25-Aug-25		24.0	DU		Additional East VOC Monitor Friday August	
22-Aug-25	132	12:59		-30.0		-30.0	13:54		24.0	RH		22, 2025,monitoring day	
26-Aug-25	132	25-Aug		-30.0		-9.0	27-Aug-25		24.0	RH		Additional East VOC Monitor Tuesday August	
20-Aug-20	132	13:54		-30.0		-9.0	10:42		24.0	KH		26, 2025,monitoring day	
29-Aug-25	14938	28-Aug		-30.0		-10.0	03-Sep-25		24.0	RH			
29-Aug-20	14930	17:58		-30.0		-10.0	09:31		24.0	KΠ			



Station : North

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As	Comments
12-Jul-25	7812	11-Jul 16:40		-30.0		-17.0	14-Jul-25 14:58		24.0	RH		The July 12 , 2025, MECP monitoring day VOC monitor summa canister off pressure was - 17 inches Hg due to a VOC sampler timer valve flow restrictions.
16-Jul-25	27575	15-Jul 14:17		-30.0		-11.0	17-Jul-25 14:45		24.0	RH		Additional North VOC Monitor July 16, 2025, MECP monitoring day
24-Jul-25	27659	23-Jul 15:00		-30.0		-10.0	28-Jul-25 12:48		24.0	RH		
05-Aug-25	279	01-Aug 17:47		-30.0		-10.0	07-Aug-25 11:44		24.0	RH		
17-Aug-25	269	15-Aug 17:35		-30.0		-30.0	19-Aug-25 14:34		24.0	RH		The August 17, 2025, MECP monitoring day VOC monitor summa canister off pressure was - 30 inches Hg due to a VOC sampler timer valve failure.
20-Aug-25	269	19-Aug 14:36		-30.0		-10.0	21-Aug-25 13:19		24.0	RH		Additional North VOC Monitor August 20, 2025, monitoring day.
29-Aug-25	14121	28-Aug 18:10		-30.0		-7.0	03-Sep-25 09:50		24.0	RH		



Station : Old West

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	VOC ID Canister#	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As	Comments
12-Jul-25	14549	11-Jul		-30.0		-11.0	14-Jul-25		24.0	RH		
12-3u1-23	14349	17:37		-30.0		-11.0	16:38			141		
24-Jul-25	27696	23-Jul		-30.0		-11.0	24-Jul-25		24.0	RH		
24-Jul-2J	21000	16:26		-30.0			15:29		20			
05-Aug-25	1281	01-Aug		-30.0		-12.0	07-Aug-25		24.0	RH		
03-Aug-23	1201	18:47		-30.0		-12.0	16:37		24.0	IXII		
17-Aug-25	14267	15-Aug		-30.0		-12.0	19-Aug-25		24.0	RH		
17-Aug-25	14267	18:26		-30.0		-12.0	16:18		24.0	INFI		
20 4 25 44070	1/1270	28-Aug		-30.0		6.5	03-Sep-25		24.0	RH		
23-Aug-25	9-Aug-25 14270	19:02		-50.0			11:13					



Station : South

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As	Comments
12-Jul-25	7820	11-Jul		-30.0		-13.0	14-Jul-25		24.0	RH		
12-Jul-25	7020	16:59		-30.0			15:40			КП		
24-Jul-25	27589	23-Jul		-30.0		-12.5	28-Jul-25		24.0	RH		
24-Jul-25	21309	15:36					13:08					
05-Aug-25	14552	01-Aug		-30.0		-11.0	07-Aug-25		24.0	RH		
03-Aug-23	14332	18:06		-30.0			12:14		24.0	IXII		
17-Aug-25	127	15-Aug		-30.0		-13.0	19-Aug-25		24.0	RH		
17-Aug-25	137	15:49		-50.0			15:48		24.0	INΠ		
29-Aug-25 27	2706	28-Aug		-30.0		-6.0	03-Sep-25		24.0	RH		
23-Aug-25	27 96	18:25		-50.0			10:18			KH		



Station : New West

Location : 725 Strathearne Avenue N, Hamilton

Period : July 1 to September 30, 2025

Sample Date (dd-mmm-yy)	VOC ID Canister #	Installation (Date) (Time EST)	On Flow (mL/min)	On Pressure ("Hg)	Off Flow (mL/min)	Off Pressure ("Hg)	Removal (Date) (Time EST)	Average On/Off Sample Flow (3.15 - 3.85 mL/Min)	Sample Duration (21.6 - 26.4 Hrs)	Technician Initial	Leak Pressure (As Left) (As	Comments
12-Jul-25	18251	11-Jul		-30.0		-8.0	14-Jul-25		24.0	RH		
12-3u1-23		17:19	-	-30.0		-0.0	16:20			IXII		
24-Jul-25	17204	23-Jul		-30.0		-9.0	28-Jul-25		24.0	RH		
24-301-23	17204	16:08		-30.0		0.0	15:14		20			
05-Aug-25	7824	01-Aug		-30.0		-8.5	07-Aug-25		24.0	RH		
00-Aug-20	1024	18:26		-30.0			16:11			IXII		
17-Aug-25	23736 15-Aug30.0	30.0		-7.5	19-Aug-25		24.0	RH				
17-Aug-25		18:09		-50.0		-7.5	16:02		24.0	INIT		
29-Aug-25 14907	1/1007	28-Aug		-30.0		-7.0	03-Sep-25		24.0	RH		
25-Aug-25	14907	18:46		-50.0		-7.0	10:44		24.0	KH		