



# AGAT Laboratories



## Technical Update

### Atlantic RBCA Petroleum Hydrocarbons Analysis

Atlantic PIRI has released Atlantic RBCA Guidelines for Laboratories Version 3.0. ARBCA Guidelines for Laboratories provides the prescriptive and method performance requirements for Total Petroleum Hydrocarbons analysis in Atlantic Canada under ARBCA. The release is available at [www.atlanticrbc.com](http://www.atlanticrbc.com).

Analytical procedures for Volatile and Extractable Petroleum Hydrocarbons remain consistent with current procedures ensuring comparability with existing data. Version 3.0 prescribes a revised division of Tier 1 carbon ranges to be reported. Also, sample chromatogram Return to Baseline (yes/no) is now reported for both Tier 1 and Tier 2 analyses.

Version 2.0	Version 3.0 *New
Benzene	Benzene
Toluene	Toluene
Ethylbenzene	Ethylbenzene
Xylenes (Total)	Xylenes (Total)
C6-C10 (Minus BTEX)	C6-C10 (Minus BTEX)
>C10-C21	>C10-C16
>C21-C32	>C16-C21
Modified TPH	>C21-C32
	Modified TPH
	Return to Baseline (Yes/No) <sup>1</sup>

<sup>1</sup> Return to baseline defined as the area for C32-C36 is less than 10% of the total area of C10-C32.

AGAT Laboratories will launch the Version 3.0 reporting format for samples received on or after August 9th, 2010.

Corporate Relations,

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