

**VCSB Benzene Content in Gasoline Precision Demonstration [PBMS0004: OMB Control Number #2060-0731, Expires 1/31/2024].** This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. OMB Control No 2060-0731. Responses to this collection of information are voluntary 1090 CFR 1360 through 1090 1365. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information is estimated to average 180 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

<b>Test Method</b>				
Name of Method:				
<b>Laboratory Identification</b>				
Laboratory Name:				
Laboratory Street Address:				
Laboratory City:				
Laboratory State:				
Laboratory Zip code:				
Laboratory Contact Person:				
Laboratory Contact Phone Number				
Laboratory Contact Facsimile Number				
Laboratory Contact E-mail Address				
<p><b>Benzene Content in Gasoline Precision Criterion</b> (§1090.1365(b)) - The maximum allowable standard deviation computed from results of a minimum of 20 tests made over 20 days on samples using good laboratory practices taken from a single homogenous commercially available gasoline must be less than or equal to 0.15 times the Reproducibility (R), where "R" equals the ASTM reproducibility (R) of ASTM D5769-20 (IBR 1090.95(c)(25)), where <math>R=0.221 \times X^{0.67}</math>. You may make up to 4 separate measurements in a 24-hour period, as long as the interval between measurements is at least 4 hours. Example: A 1 percent by volume benzene content gasoline sample: maximum allowable standard deviation of 20 tests less than or equal <math>0.15 \times (0.221 \text{ volume percent}) = 0.0332</math> volume percent.</p>				
Is Benzene Content Precision Criterion Met?		<b>REQUIRED DATA MISSING</b>		
Standard Deviation		<b>REQUIRED DATA MISSING</b>		
Laboratory Test Identification Number	Date	Time	Test Result (volume percent)	Data Entry QC Check on Test Result
				DATA REQUIRED IN CELL D18
				DATA REQUIRED IN CELL D19
				DATA REQUIRED IN CELL D20
				DATA REQUIRED IN CELL D21
				DATA REQUIRED IN CELL D22
				DATA REQUIRED IN CELL D23
				DATA REQUIRED IN CELL D24
				DATA REQUIRED IN CELL D25

				DATA REQUIRED IN CELL D26
				DATA REQUIRED IN CELL D27
				DATA REQUIRED IN CELL D28
				DATA REQUIRED IN CELL D29
				DATA REQUIRED IN CELL D30
				DATA REQUIRED IN CELL D31
				DATA REQUIRED IN CELL D32
				DATA REQUIRED IN CELL D33
				DATA REQUIRED IN CELL D34
				DATA REQUIRED IN CELL D35
				DATA REQUIRED IN CELL D36
				DATA REQUIRED IN CELL D37

**VCSB Benzene Content in Gasoline Accuracy Demonstrator**

<b>Test Method</b>
Name of Method:

<b>Laboratory Identification</b>
Laboratory Name:
Laboratory Street Address:
Laboratory City:
Laboratory State:
Laboratory Zip code:
Laboratory Contact Person:
Laboratory Contact Phone Number
Laboratory Contact Facsimile Number
Laboratory Contact E-mail Address

**VCSB Method Defined Criterion** - The regulated party is utilizing Standards Body (VCSB), such as the American Society for Testing and Materials (ASTM) defined alternative test method and the EPA referee test method results, that is ASTM D5769-20 (IBR 1090.95(c)(25)), from the applicable

Has 1090 CFR 1365(d) criterion been met? (Note: Please answer by typing "Yes" or "No" in the adjacent cell.)

If ASTM D6708 assessment between the candidate alternative test method and EPA referee test method, ASTM D5769-20, yields a "null" comparison, indicate so by typing not applicable. If the ASTM D6708 assessment yields the need for a correlation equation, indicate the correlation equation needed for reporting purposes the regulated party lists the correlation equation used for reporting purposes if warranted by the ASTM D6708-19a (IBR 1090.95(c)(33)) assessment comparing voluntary consensus-based standard body alternative test method to EPA referee test method, ASTM D5769-20 (see 1090 CFR 1365(d)).

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g the applicable ASTM D6708-19a (IBR 1090.95(c)(33)) assessi  
ng and Materials International (ASTM International), demonstrat  
is a "null" result or whether a correlation equation needs to be a  
pplicable method-defined alternative test method (see 1090 CFR


