Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

Type | Canister | Pressure (Torr) | CO, ppm | CH₄, ppm | CO₂, ppm | Ethane, ppmvC | NM/NEOC, ppmvC
--- | --- | --- | --- | --- | --- | --- | ---
 Number | 53412 | 740 | < 3 | 3 | 442 | < 1 | < 1

Date Approved: 03/30/2016
Approved By: Solomon Tsellera, Acting Manager
Laboratory Services
909-396-2199
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 Copley Drive, Diamond Bar CA 91765-1482

MONITORING & ANALYSIS  
QUALITY CONTROL SUMMARY  
Page 2 of 2

SAMPLE DESCRIBED AS  
Triggered sample  
Canister # 53412

LABORATORY NO  
1607819

REQUESTED BY  
Sumner Wilson

---

Carbon monoxide (CO), methane (CH₄), carbon dioxide (CO₂), ethane (C₂H₆), and non-methane non-ethane organic carbon (NM/NEOC) in ppmvC by SCAQMD Method 25.1 (TCA FID).

QUALITY CONTROL -- End of run control recovery

<table>
<thead>
<tr>
<th>CC91340</th>
<th>MDL</th>
<th>Theoretical</th>
<th>Measured</th>
<th>Percent Difference</th>
<th>QC Limit ±5% or ±1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10.40</td>
<td>9.88</td>
<td>-4.97</td>
<td>PASS</td>
</tr>
<tr>
<td>CH₄, ppmvC</td>
<td>0.3</td>
<td>10.17</td>
<td>10.55</td>
<td>3.70</td>
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<tr>
<td>CO₂, ppmvC</td>
<td>0.4</td>
<td>10.38</td>
<td>10.21</td>
<td>-1.66</td>
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<tr>
<td>C₂H₆, ppmvC</td>
<td>0.4</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td>NM/NEOC, ppmvC</td>
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<td>11.00</td>
<td>10.25</td>
<td>-6.82</td>
<td>PASS</td>
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<td>MN/NEOC, ppmvC</td>
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<td>10.45</td>
<td>-1.83</td>
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<th>Measured</th>
<th>Percent Difference</th>
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</thead>
<tbody>
<tr>
<td>CO, ppmvC</td>
<td>0.3</td>
<td>10100</td>
<td>9661</td>
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<tr>
<td>CH₄, ppmvC</td>
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<td>10004</td>
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<td>NA</td>
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<tr>
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<td>9843</td>
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<td>NM/NEOC, ppmvC</td>
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<td>10000</td>
<td>9762</td>
<td>-2.38</td>
<td>PASS</td>
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</table>

DATE ANALYZED  
03/18/2016

REFERENCE NO:  
16QM2AA  
QM2-101-90
SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
SAMPLE ANALYSIS REQUEST

TO: SCAQMD LAB: ☑ OTHER: ☐

SOURCE NAME: Southern California Gas Co. I.D. No. 

Source Address: 12801 Tampa Ave City: Porter Ranch 

Mailing Address: City: Zip: 91326 

Contact Person: Title: Tel: 

Analysis Requested by: Sumner Wilson Date: 3/18/16 

Approved by: Jason Low Office: Budget #: 44716 

REASON REQUESTED: Court/Hearing Board ☐ Permit Pending ☐ Hazardous/Toxic Spill ☐ 

Suspected Violation ☐ Rule(s): Other ☐ 

Sample Collected by: Qian Zhou Date: 3/18/16 Time: 9:20 

REQUESTED ANALYSIS: PAMS analysis 

<table>
<thead>
<tr>
<th>City/Location</th>
<th>Can#</th>
<th>Start day / time / duration</th>
<th>Start vac</th>
<th>End vac</th>
</tr>
</thead>
<tbody>
<tr>
<td>Castle Bay Charter School</td>
<td>53412</td>
<td>3/18/16 06:32 am 5 min</td>
<td>-30&quot;</td>
<td>-2&quot;</td>
</tr>
</tbody>
</table>

Relinquished by: 

Received by: 

Firm/Agency: SCAQMD Lab 

Date: 3/18/16 Time: 11:45 

Remarks: Samples collected by passive sampling via the XonTech 912 triggered by the Mocon NMHC. 

Trigger is set to 5ppm 

Castle Bay Charter School 19010 Castlebay Ln, Porter Ranch, CA 91326 

GPS: 34.315022, -118.564872