|      | Inert              | T variation |           |           |           |           | GHSV variation |            |           | Inert              |                    |
|------|--------------------|-------------|-----------|-----------|-----------|-----------|----------------|------------|-----------|--------------------|--------------------|
| Step | 1                  | 2           | 3         | 4         | 5         | 6         | 7              | 8          | 9         | 10                 | 11                 |
| t    | 3 h                | 5 h         | 3 h       | 3 h       | 3 h       | 3 h       | 3 h            | 3 h        | 3 h       | 3 h                | 1 h                |
| Т    | 300°C              | 260°C       | 270°C     | 280°C     | 290°C     | 300°C     | 300°C          | 300°C      | 300°C     | 300°C              | cooldown           |
| Xin  | 10% O <sub>2</sub> | feed        | feed      | feed      | feed      | feed      | feed           | feed       | feed      | 10% O <sub>2</sub> | 10% O <sub>2</sub> |
| m/v  | 0.2 gs/ml          | 0.2 gs/ml   | 0.2 gs/ml | 0.2 gs/ml | 0.2 gs/ml | 0.2 gs/ml | 0.25 gs/ml     | 0.30 gs/ml | 0.2 gs/ml | 0.2 gs/ml          | 0.2 gs/ml          |