Model3:

O2:

|  |  |  |
| --- | --- | --- |
| 0.067735 | 0.305116 | 0.076932 |
| 1.080564 | -0.22615 | -0.00685 |

C10：

|  |  |  |
| --- | --- | --- |
| 0.110382 | 1.536205 | 0.501591 |
| 4.085999 | -2.56363 | 0.05612 |

CO2:

|  |  |  |
| --- | --- | --- |
| 0.073738 | 0.131181 | 0.038874 |
| 1.354308 | -0.41533 | 0.013868 |
|  |  |  |

CH4

|  |  |  |
| --- | --- | --- |
| 0.119757 | 1.014909 | 0.042778 |
| 1.036157 | -0.2082 | 0.002433 |

N2

|  |  |  |
| --- | --- | --- |
| 0.135279 | 0.717519 | 0.029951 |
| 1.112817 | -0.23996 | -0.00202 |

C12

|  |  |  |
| --- | --- | --- |
| 0.086032 | 2.388365 | 0.580622 |
| 6.334944 | -4.888 | 0.00446 |

Model2:

O2

|  |  |
| --- | --- |
| 0.081563 | 0.060192 |
| 1.040182 | -0.21017 |

C10

|  |  |
| --- | --- |
| 0.143972 | 0.607609 |
| 2.58 | -1.41 |

Co2:

|  |  |
| --- | --- |
| 0.07131 | 0.03619 |
| 1.353837 | -0.40817 |

Ch4

|  |  |
| --- | --- |
| 0.083342 | 0.040319 |
| 1.104989 | -0.23741 |

N2

|  |  |
| --- | --- |
| 0.268615 | 0.056282 |
| 1.080093 | -0.22953 |

C12

|  |  |
| --- | --- |
| 0.072485 | 0.451303 |
| 4.364004 | -2.76779 |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Substance | Model2 | | | | Model3 | | | | | |
|  |  |  |  |  |  |  |  |  |  |
|  | 1.040 | -0.210 | 0.082 | 0.060 | 1.081 | -0.226 | -0.007 | 0.068 | 0.305 | 0.077 |
|  | 2.580 | -1.410 | 0.144 | 0.608 | 4.086 | -2.564 | 0.056 | 0.110 | 1.536 | 0.502 |
|  | 1.354 | -0.408 | 0.071 | 0.036 | 1.354 | -0.415 | 0.014 | 0.074 | 0.131 | 0.039 |
|  | 1.080 | -0.230 | 0.269 | 0.056 | 1.102 | -0.240 | -1E-04 | 0.147 | 1.180 | 0.030 |
|  | 4.364 | -2.768 | 0.072 | 0.451 | 6.335 | -4.888 | 0.004 | 0.086 | 2.388 | 0.581 |
|  | 1.105 | -0.237 | 0.083 | 0.040 | 1.036 | -0.208 | 0.002 | 0.120 | 1.015 | 0.043 |

|  |  |  |  |
| --- | --- | --- | --- |
| Substance | AARD（%） | | |
| **PR** | **Model2** | **Model3** |
|  | 3.34 | 0.93 | 0.08 |
|  | 3.53 | 2.50 | 0.24 |
|  | 0.74 | 0.57 | 0.08 |
|  | 2.10 | 1.06 | 0.11 |
|  | 7.16 | 2.20 | 0.65 |
|  | 2.98 | 1.36 | 0.09 |