|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 模型摘要 | | | | | | | | |
| R | R方 | 调整后R方 | 更改统计 | | | | | |
| 标准估算的错误 | R 方变化量 | F 变化量 | 自由度 1 | 自由度 2 | 显著性 F 变化量 |
| 0.979 | 0.959 | 0.956 | 0.205872619542283 | 0.959 | 323.224 | 22 | 302 | 0.000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ANOVA** | | | | | |
|  | 平方和 | 自由度 | 均方 | F | 显著性 |
| 回归 | 301.387 | 22 | 13.699 | 323.224 | 0.000 |
| 残差 | 12.800 | 302 | 0.042 |  |  |
| 总计 | 314.187 | 324 |  |  |  |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **系数** | | | | | |
|  | 未标准化系数 | | 标准化系数Beta | t | 显著性 |
| B | 标准错误 |
| (常量) | 10.575 | 3.631 |  | 2.912 | 0.004 |
| 辛烷值RON | 0.964 | 0.018 | 0.930 | 54.199 | 0.000 |
| 待生吸附剂S, wt% | 0.012 | 0.008 | 0.027 | 1.460 | 0.145 |
| 反应器顶部压力 | -0.428 | 0.432 | -0.019 | -0.989 | 0.323 |
| D107提升氮气流量 | -0.007 | 0.004 | -0.034 | -1.934 | 0.054 |
| 催化汽油进装置总流量 | 0.002 | 0.001 | 0.053 | 2.630 | 0.009 |
| 加热炉进口温度 | -0.023 | 0.006 | -0.071 | -3.943 | 0.000 |
| S-ZORB.FT\_9402.TOTAL | 2.364E-09 | 0.000 | 0.054 | 2.357 | 0.019 |
| E-101F管程出口管温度 | 0.000 | 0.001 | 0.002 | 0.181 | 0.856 |
| D-121水液位 | -0.006 | 0.009 | -0.011 | -0.658 | 0.511 |
| D-107下部松动风流量 | -0.006 | 0.003 | -0.045 | -2.049 | 0.041 |
| 稳定塔底出口温度 | -0.016 | 0.006 | -0.042 | -2.614 | 0.009 |
| C-201#37层塔盘温度 | -0.002 | 0.003 | -0.012 | -0.788 | 0.431 |
| A-201出口总管温度 | 0.001 | 0.002 | 0.008 | 0.538 | 0.591 |
| R-102 #1通风挡板温度 | 0.001 | 0.002 | 0.011 | 0.890 | 0.374 |
| K-103B排气压力 | -0.013 | 0.027 | -0.007 | -0.469 | 0.639 |
| K-103B进气温度 | 0.001 | 0.002 | 0.010 | 0.478 | 0.633 |
| K-102A排气压力 | -0.001 | 0.003 | -0.006 | -0.277 | 0.782 |
| K-101B左排气温度 | -0.003 | 0.001 | -0.056 | -3.153 | 0.002 |
| 再生器接收器/LH差压 | 0.132 | 0.046 | 0.048 | 2.842 | 0.005 |
| F-101辐射室底部压力 | 0.418 | 0.211 | 0.033 | 1.982 | 0.048 |
| F-101出口支管#1温度 | 0.007 | 0.007 | 0.016 | 1.009 | 0.314 |
| S\_ZORB AT-0012 | 0.007 | 0.060 | 0.002 | 0.110 | 0.912 |

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| --- | --- | --- | --- | --- |
| **残差统计a** | | | | |
|  | 最小值 | 最大值 | 平均值 | 标准偏差 |
| 预测值 | 84.146697998046800 | 90.226081848144500 | 88.446769230769200 | 0.964471773773544 |
| 残差 | -0.495577305555344 | 0.953300595283508 | 0.000000000000026 | 0.198760260346351 |
| 标准预测值 | -4.458 | 1.845 | 0.000 | 1.000 |
| 标准残差 | -2.407 | 4.631 | 0.000 | 0.965 |



