1. Reaction 4 gets negative rates.
   1. Check concentrations for YoPrAoBrr and why they are getting negative
2. Reaction 7 increases rate very fast at ~0.034.
   1. check if the concentration of YoPoArBrr is increasing dramatically
3. reaction 8 goes negative
   1. check concentration of YoPrAoBoo
4. reaction 9, same as reaction 7
   1. check concentrations of YoPrAo and PQ
5. reaction 10 goes to negative
   1. check concentration of YoPoAr
6. reaction 11 increases dramatically.
   1. Check concentration of YoPrAo
7. Reaction 12 increases dramatically
   1. Check concentration of YoPoArBrr
8. Reaction 14 goes negative
   1. Check concentration of YoPrAoBoo
9. Reaction 15 increases
   1. Check concentration of YoPoArBoo
10. Reaction 16 goes negative
    1. Check concentration of YoPrAoBoo
11. Reaction 17 goes negative
    1. Check concentration of YoPoAr and PQ
12. Reaction 22 increases
    1. Check concentration of YoPrAo and PQH2

CHECK ALL REACTIONS AND ALL SPECIES! SOMETHING IS COMPLETELY WRONG