CLAIMS:

1. A method for processing a feed using a supported catalyst, comprising:

exposing a feed having an aromatics content of at least 5 wt% to a supported catalyst under effective aromatic saturation conditions to form an effluent, the supported catalyst comprising:

a support comprising at least one of a zeolitic support and a mesoporous support, the support having an Alpha value of at least 100; and

0.1 wt% to 5.0 wt%, based on a weight of the supported catalyst, of a combined amount of platinum and Group VIII metal on the support, a weight ratio of platinum to Group VIII metal being from 0.1 to 10, the Group VIII metal comprising Pd, Ni, Rh, Ir, Ru, Co, or a combination thereof,

wherein the supported catalyst has a catalyst width and an average platinum content per volume, and wherein a peak platinum content per volume across the catalyst width differs from the average platinum content per volume by less than 100% of the average platinum content per volume.

2. The method of claim 1, wherein the effluent has a lower aromatics content than the feed.

3. The method of claim 1, wherein the feed has an aromatics content of 10 wt% to 80 wt%.

4. The method of claim 1, wherein the platinum and Group VIII metal are impregnated on the support, the impregnation comprising:

impregnating the support with a Group VIII metal salt;

calcining the support under first effective calcining conditions to form a Group VIII metal-impregnated catalyst;

impregnating the Group VIII metal-impregnated catalyst with a platinum salt; and

calcining the Group VIII metal-impregnated catalyst under second effective calcining conditions to form a platinum- and Group VIII metal-impregnated catalyst.

5. The method of claim 1, wherein the platinum comprises a platinum oxide and the Group VIII metal comprises a Group VIII metal oxide.

6. The method of claim 1, wherein the support comprises ZSM-48.

7. A method for processing a feed using a supported catalyst, comprising:

exposing a feed having an aromatics content of at least 5 wt% to a supported catalyst under effective aromatic saturation conditions to form an effluent, the supported catalyst comprising:

a support comprising at least one of a zeolitic support and a mesoporous support, the support having an Alpha value of at least 100, and comprising a 10-member ring in a crystal structure thereof; and

0.1 wt% to 5.0 wt%, based on a weight of the supported catalyst, of a combined amount of platinum and Group VIII metal on the support, a weight ratio of platinum to Group VIII metal being from 0.1 to 10, the Group VIII metal comprising Pd, Ni, Rh, Ir, Ru, Co, or a combination thereof,

wherein the supported catalyst has a catalyst width and an average platinum content per volume, and wherein a peak platinum content per volume across the catalyst width differs from the average platinum content per volume by less than 100% of the average platinum content per volume.

8. The method of claim 7, wherein the platinum comprises a platinum oxide and the Group VIII metal comprises a Group VIII metal oxide.

9. The method of claim 7, wherein the support comprises ZSM-48.

10. The method of claim 1, wherein the Group VIII metal is palladium.

11. The method of claim 1, wherein the weight ratio of platinum to Group VIII metal is from 0.1 to 2.

12. The method of claim 1, wherein the support comprises a mesoporous M41S support.

13. The method of claim 5, wherein the Group VIII metal oxide comprises palladium oxide.

14. The method of claim 7, wherein the platinum and Group VIII metal are impregnated on the support, the impregnation comprising:

impregnating the support with a Group VIII metal salt;

calcining the support under first effective calcining conditions to form a Group VIII metal-impregnated catalyst;

impregnating the Group VIII metal-impregnated catalyst with a platinum salt; and

calcining the Group VIII metal-impregnated catalyst under second effective calcining conditions to form a platinum- and Group VIII metal-impregnated catalyst.

15. The method of claim 7, wherein the Group VIII metal is palladium.

16. The method of claim 8, wherein the Group VIII metal oxide comprises palladium oxide.

17. The method of claim 7, wherein the support comprises a mesoporous M41S support.

18. A method for processing a feed using a supported catalyst, comprising:

exposing a feed having an aromatics content of at least 5 wt% to a supported catalyst under effective aromatic saturation conditions to form an effluent, the supported catalyst comprising:

a support comprising at least one of a zeolitic support and a mesoporous support, the support having an Alpha value of at least 100; and

0.1 wt% to 5.0 wt%, based on a weight of the supported catalyst, of a combined amount of platinum and Group VIII metal on the support, a weight ratio of platinum to Group VIII metal being from 0.1 to 10, the Group VIII metal comprising Pd, Ni, Rh, Ir, Ru, Co, or a combination thereof, the platinum comprising platinum oxide, and the Group VIII metal comprising a Group VIII metal oxide,

wherein the supported catalyst has a catalyst width and an average platinum content per volume, and wherein a peak platinum content per volume across the catalyst width differs from the average platinum content per volume by less than 100% of the average platinum content per volume.

19. The method of claim 18, wherein the Group VIII metal is palladium.

20. The method of claim 18, wherein the weight ratio of platinum to Group VIII metal is from 0.1 to 2.