

\* Step with compression

Qwen3

LoRA

ICAE Compressor

0.87  
0.01  
.  
0.11

...

0.44  
0.50  
.  
0.02

0.19  
0.07  
.  
0.71

Compressed observation  
(256 embeddings)

ICAE

Qwen3

Tool call

Loss

Claude 3.7's Tool call  
(Ground Truth)

Observation