15 03 13 Cyclo -hexane and -hexene and benzene sensing

13:32 Experiment start Tc = 28.4 oC

13:33 Tc = 28.4 oC

13:34 Tc = 28.5 oC

3 mL of cyclohexane injected

13:36 cyclohexane vapour introduced Tcycane = 28.6

13:37 Tcycane = 28.9 oC

13:38 Tcycane = 28.8 oC

13:39 Tcycane = 28.7 oC

13:40 Tcycane = 28.7 oC

13:41 Tcycane = 28.5 oC

13:42 Tcycane = 28.4 oC

13:43 Still 1.5 L/min from RBF Tcycane = 28.3 oC

13:44 N2 purge Tc = 28.4 oC

13:45 Tc = 28.4 oC

13:46 Tc = 28.4 oC

13:48 Tc = 28.3 oC

13:49 Tc = 28.4 oC

3 mL of cyclohexane injected

13:50 cyclohexane vapour introduced Tcycane = 28.4 oC

13:51 Tcycane = 28.5 oC

13:52 Tcycane = 28.8 oC

13:53 Tcycane = 28.7 oC

13:54 Tcycane = 28.7 oC

13:55 Tcycane = 28.7 oC

13:56 Still 1.5 L/min from RBF Tcycane = 28.7 oC

13:57 Still 1.5 L/min from RBF Tcycane = 28.6 oC

13:58 Still 1.5 L/min from RBF Tcycane = 28.6 oC

13:59 Still 1.5 L/min from RBF Tcycane = 28.4 oC

14:00 Still 1.5 L/min from RBF Tcycane = 28.4 oC

14:01 Still 1.5 L/min from RBF Tcycane = 28.5 oC

14:02 N2 Purge Tc = 28.5 oC

14:03 Tc = 28.4 oC

14:14 Tc = 28.3 oC

3 mL cyclohexane injected

14:16 cyclohexane vapour introduced Tcycane = 28.6 oC

14:17 Tcycane = 28.7 oC

14:18 Tcycane = 28.8 oC

14:19 Tcycane = 28.6 oC

14:20 Tcycane = 28.6 oC

14:21 Tcycane = 28.5 oC

14:22 Tcycane = 28.4 oC

14:23 Still 1.5 L/min N2 from RBF Tcycane = 28.3 oC

14:24 Still 1.5 L/min N2 from RBF Tcycane = 28.4 oC

14:26 N2 purge Tc = 28.5 oC

14:27 Tc = 28.5 oC

14:28 Tc = 28.6 oC

14:29 Tc = 28.5 oC

14:30 Tc = 28.5 oC

15:29 Tc = 28.7 oC

15:30 Tc = 28.6 oC

15:40 Tc = 28.7 oC

15:41 Tc = 28.7 oC

3 mL of cyclohexene injected

15:44 cyclohexene vapour introduced Tcycene = 29.1 oC

15:45 Tcycene = 29.5 oC

15:46 Tcycene = 29.9 oC

15:47 Tcycene = 29.4 oC

15:48 Tcycene = 29.3 oC

15:49 Tcycene = 28.9 oC

15:50 Tcycene = 28.8 oC

15:51 Still 1 L/min from RBF Tcycene = 28.8 oC

15:52 Still 1 L/min from RBF Tcycene = 28.9 oC

15:53 Still 1 L/min from RBF Tcycene = 29.0 oC

15:54 N2 Purge Tc = 29.0 oC

15:55 Tc = 28.9 oC

16:21 Tc = 28.9 oC

16:23 Tc = 28.8 oC

3 mL of cyclohexene injected

16:25 cyclohexene vapour introduced Tcycene = 29.3 oC

16:26 Tcycene = 29.5 oC

16:27 Tcycene = 29.7 oC

16:28 Tcycene = 30.0 oC

16:29 Tcycene = 29.5 oC

16:30 Tcycene = 29.2 oC

16:31 Tcycene = 29.1 oC

16:32 Still 1.5 L/min N2 from RBF Tcycene = 29.0 oC

16:33 Still 1.5 L/min N2 from RBF Tcycene = 29.0 oC

16:34 Still 1.5 L/min N2 from RBF Tcycene = 29.1 oC

16:35 N2 Purge Tc = 29.1 oC

16:36 Tc = 29.1 oC

16:37 Tc = 29.0 oC

16:38 Tc = 29.1 oC

16:39 Tc = 29.0 oC

16:40 Tc = 29.0 oC

16:41 Tc = 29.0 oC

16:42 Tc = 28.9 oC

16:44 cyclohexene vapour introduced Tcycene = 29.1 oC

16:46 Tcycene = 29.5 oC

16:47 Tcycene = 29.5 oC

16:48 Tcycene = 29.4 oC

16:49 Tcycene = 29.2 oC

16:50 Tcycene = 28.9 oC

16:51 Tcycene = 28.8 oC

16:52 Tcycene = 28.8 oC

16:53 Tcycene = 28.7 oC

16:54 Tcycene = 28.7 oC

16:55 Still 1.5 L/min N2 from RBF Tcycene = 28.7 oC

16:56 Still 1.5 L/min N2 from RBF Tcycene = 28.7 oC

16:57 N2 purge Tc = 28.7 oC

16:58 Tc = 28.7 oC

17:02 Tc = 28.6 oC

17:05 Tc = 28.6 oC

17:10 Tc = 28.6 oC

17:11 Tc = 28.6 oC

17:12 3 mL benzene injected

17:13 benzene vapour introduced Tbenz = 28.8 oC

17:14 Tbenz = 29.1 oC

17:15 Tbenz = 29.0 oC

17:16 Tbenz = 28.7 oC

17:18 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

17:19 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

17:20 Still 1.5 L/min N2 from RBF Tbenz = 28.4 oC

17:21 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

17:23 N2 purge Tc = 28.6 oC

17:24 Tc = 28.6 oC

17:26 Tc = 28.6 oC

17:27 Tc = 28.6 oC

17:28 Tc = 28.6 oC

17:40 Tc = 28.8 oC

17:42 benzene vapour introduced Tbenz = 29.1 oC

17:44 Tbenz = 29.3 oC

17:45 Tbenz = 29.2 oC

17:46 Tbenz = 29.1 oC

17:47 Tbenz = 28.8 oC

17:48 Tbenz = 28.7 oC

17:49 Tbenz = 28.6 oC

17:50 Still 1.5 L/min N2 from RBF Tbenz = 28.6 oC

17:51 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

17:52 Still 1.5 L/min N2 from RBF Tbenz = 28.6 oC

17:53 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

17:54 Still 1.5 L/min N2 from RBF Tbenz = 28.6 oC

17:55 N2 purge Tc = 28.6 oC

17:57 Tc = 28.7 oC

17:58 Tc = 28.7 oC

17:59 Tc = 28.7 oC

18:00 Tc = 28.7 oC

18:01 Tc = 28.7 oC

18:02 Tc = 28.6 oC

18:03 Tc = 28.7 oC

18:04 Tc = 28.6 oC

18:07 Benzene vapour introduced Tbenz = 29.1 oC

18:08 Tbenz = 29.2 oC

18:10 Tbenz = 29.2 oC

18:11 Tbenz = 29.1 oC

18:12 Tbenz = 28.8 oC

18:13 Tbenz = 28.7 oC

18:14 Tbenz = 28.6 oC

18:15 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

18:16 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

18:17 Still 1.5 L/min N2 from RBF Tbenz = 28.5 oC

18:18 N2 Purge Tc = 28.6 oC

18:19 Tc = 28.6 oC

18:23 Tc = 28.6 oC

18:25 Tc = 28.5 oC

18:26 Tc = 28.6 oC

18:30 Tc = 28.6 oC

18:31 Experiment end Tc = 28.7 oC