

17 03 13 IPA sensing

21:14 Experiment start $T_c = 28.4$ oC

21:19 $T_c = 28.4$ oC

21:21 $T_c = 28.4$ oC

3 mL of isopropanol injected into RBF

21:23 Isopropanol vapour introduced $T_{ipa} = 28.7$ oC

21:24 $T_{ipa} = 28.9$ oC

21:25 $T_{ipa} = 29.6$ oC

21:26 $T_{ipa} = 30.0$ oC

21:27 $T_{ipa} = 30.5$ oC

21:28 $T_{ipa} = 30.7$ oC

21:29 $T_{ipa} = 30.7$ oC

21:30 $T_{ipa} = 30.0$ oC

21:31 $T_{ipa} = 28.4$ oC

21:32 Still 1.5 L/min of N2 from the RBF $T_{ipa} = 27.7$ oC

21:33 Still 1.5 L/min of N2 from the RBF $T_{ipa} = 28.0$ oC

21:34 N2 purge $T_c = 27.8$ oC

21:35 $T_c = 28.1$ oC

21:36 $T_c = 28.2$ oC

21:39 $T_c = 28.4$ oC

21:40 $T_c = 28.4$ oC

21:41 $T_c = 28.6$ oC

21:42 $T_c = 28.5$ oC

3 mL of IPA injected into RBF

21:43 IPA vapour introduced $T_{ipa} = 28.8$ oC

21:44 $T_{ipa} = 29.5$ oC

21:45 $T_{ipa} = 30.3$ oC

21:46 $T_{ipa} = 31.0$ oC

21:47 Tipa = 31.5 oC

21:48 Tipa = 31.5 oC

21:49 Tipa = 31.2 oC

21:50 Tipa = 29.4 oC

21:51 Still 1.5 L/min of N2 from the RBF Tipa = 27.4 oC

21:52 Still 1.5 L/min of N2 from the RBF Tipa = 28.2 oC

21:53 N2 purge Tc = 27.2 oC

21:54 Tc = 27.6 oC

21:55 Tc = 27.9 oC

21:56 Tc = 28.1 oC

21:57 Tc = 28.3 oC

21:58 Tc = 28.3 oC

3 mL of IPA injected

22:00 IPA vapour introduced Tipa = 28.9 oC

22:01 Tipa = 29.5 oC

22:02 Tipa = 30.3 oC

22:03 Tipa = 30.9 oC

22:04 Tipa = 31.3 oC

22:05 Tipa = 31.5 oC

22:06 Tipa = 31.3 oC

22:07 Tipa = 28.8 oC

22:08 Still 1.5 L/min of N2 from the RBF Tipa = 27.7 oC

22:09 Still 1.5 L/min of N2 from the RBF Tipa = 28.3 oC

22:10 N2 purge Tc = 27.7 oC

22:11 Tc = 27.9 oC

22:12 Tc = 28.1 oC

22:14 Tc = 28.5 oC

22:15 Tc = 28.5 oC

22:16 Experiment end Tc = 28.6 oC