

GC-MS Conditions

FS LAB # _____

Examiner Initials _____

Instrument: Hewlett-Packard 7890 Series Gas Chromatograph Equipped with 5975 Series Mass Selective Detector

Column: Hewlett-Packard HP-1MS (cross-linked methyl siloxane), or equivalent
30 meter; 0.25 mm I.D.; 0.25 µm film thickness

Method Parameters

Check if Used	Method	Inlet Temperature C	Transfer Line Temperature C	Split Ratio	Injection Source (amount)	Initial Oven Temperature C/ hold time, min	Temperature Ramp C/min	Temperature C/ hold time, min	Temperature Ramp C/min	Final Oven Temperature C/ hold time, min	Scan Conditions (m/z range)
	TRACEMAN	290	300								14 - 400; 14-600
	TRACEAS1	290	300								14 - 400; 14-600
	TRACEAS2	290	300								14 - 400; 14-600
	MANL-50	290	300	50:1		60 / 3	8	140 / 0	20	300 / 4	14 - 400; 14-600
	MANL-20	290	300	20:1		60 / 3	8	140 / 0	20	300 / 4	14 - 400; 14-600
	MANL-00	290	300	0		60 / 3	8	140 / 0	20	300 / 4	14 - 400; 14-600
	AUTO1-50	290	300	50:1	ALS - 1 µL	60 / 3	8	140 / 0	20	300 / 4	14 - 400; 14-600
	AUTO2-20	290	300	20:1	ALS - 2 µL	60 / 3	8	140 / 0	20	300 / 4	14 - 400; 14-600
	AUTF1-50	290	300	50:1	ALS - 1 µL	40/1.5	20	140 / 0	30	300 / 5.17	14-200;14 - 400; 14-600
	AUTF2-20	290	300	20:1	ALS - 2 µL	40/1.5	20	140 / 0	30	300 / 5.17	14-200;14 - 400; 14-600
	AUTF2-20-OCS	290	300	20:1	ALS-2µL	40/1.5	20	140/0			14-200; 14-400
	HEADSPAC	290	300	20:1		35 / 4	10	100 / 0	---	---	14 - 150
	HEAVYOIL	290	325	20:1	ALS - 2 µL	150 / 0	15	325 / 4	---	---	14 - 600