



Houston Forensic Science Center
 Comparative and Analytical Division - Toxicology
Headspace GC Maintenance Log

Instrument: Headspace 2

Month/Year: March 2024

Date	N ₂ Tank Pressure	H ₂ Pressure		Air Tank Pressure	He Tank Pressure	Air Blank	SS	Comments	Initials
		H ₂ Water Level	Pass/Fail			Pass/Fail			
3/6/2024	70	70	70	70	70	Pass	Pass	Competency test (reanalysis)	RG
	2300	Yes	1100	900					
3/7/2024	70	70	70	70	70	Pass	Pass		CRP
	2300	Yes	1000	800					
3/11/2024	70	70	70	70	70	Pass	Pass	ALC IS Verification; Both current IS lots (240129-ISB and 240216-ISA) failed their Peak to Valley Ratio on FID2. The IS was re-verified with 240216-ISB and successfully passed; Discarded SS (A23-46); Opened SS (A23-72).	GV
	2000	Yes	800	600					
3/13/2024	70	70	70	70	70	Pass	Pass	Changed the air gas cylinder.	CRP
	2000	Yes	2200	550					
3/15/2024	70	70	70	70	70	Pass	Pass	Competency test	KT
	1900	Yes	1900	500					
3/19/2024	70	70	70	70	70	Pass	Pass	Changed the helium gas cylinder; ALC IS Verification; The Peak to Valley Ratio on FID2 failed twice for current lot (240216-ISB). New lot was verified and passed (240318-IS) and will be re-verified with current lot (240308-IS).	GV
	1800	Yes	1700	2000					
3/20/2024	70	70	70	70	70	Pass	Pass	ALC IS Verification	GV
	1800	Yes	1600	2000					
3/22/2024	70	70	70	70	70	Pass	Pass	New IS Lot 240308-IS (Exp 9/8/2024)	CRP
	1800	Yes	1250	1900					
3/26/2024	70	70	70	70	70	Pass	Pass		CRP
	1600	Yes	1100	1750					

Signature: _____

Date: 04/01/2024