



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

Instrument: Headspace 2

Month/Year: May 2023

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		
5/1/2023	70	70	70	70	N/A	N/A	Replaced air gas cylinder	BAM
	600	Yes	2100	500				
5/2/2023	70	70	70	70	Pass	Pass		DM
	600	Yes	1900	500				
5/4/2023	70	70	70	70	Pass	Pass	R&D - Isobutylene Project. Discarded SS A22-13 after use.	HM
	500	Yes	1500	400				
5/8/2023	70	70	70	70	Pass	Pass	Replaced helium cylinder	EP
	400	Yes	1300	2050				
5/11/2023	70	70	70	70	Pass	Pass	Replaced nitrogen cylinder. PM performed by Agilent Service Technician Devin Nguyen. Initial test sequence aborted due to transfer line breaking; transfer line replaced. Second test sequence showed loss of sensitivity due to leak in syringe; syringe fittings tightened. Third test sequence ran to completion and met criteria. Verification performed and master method calibration table RTs updated.	HM
	2550	Yes	850	1850				
5/17/2023	70	70	70	70	Pass	Pass		DM
	2300	Yes	600	1600				
5/22/2023	70	70	70	70	N/A	N/A	Replaced air gas cylinder	BAM
	2125	Yes	2200	1450				
5/23/2023	70	70	70	70	Pass	Pass		MR
	2100	Yes	2050	1400				

Signature: _____

Date: 06/01/2023