



Houston Forensic Science Center

INTEROFFICE MEMO

To: Erika Phung, Forensic Scientist – Toxicology

From: Corissa L. Rodgers, M.S., D-ABFT-FT, Supervisor – Toxicology

cc: Dayong Lee, Ph.D., F-ABFT, Manager – Toxicology
Quality Division

Date: February 21, 2023

Re: Authorization of drug screening and qualitative confirmation by gas chromatography-mass spectrometry (GC-MS)

This memo authorizes Ms. Phung to perform GC-MS drug screening and confirmation analyses and to write test reports for casework in the Toxicology section using drug screen and qualitative confirmation by GC-MS (BSD).

This authorization is based upon her successful completion of Section 9 of the Toxicology Section Training Manual v.3.8, including:

- 1) Required readings on 12/1/2022 and study questions on 1/23/2023,
- 2) Laboratory exercises completed on 1/17/2023 that included:
 - a. Practice batches BSD_20220725B_EP, BSD_20220801B_EP, and BSD_20220815U_EP;
 - b. Observing qualified analysts draft case reports completed on 12/21/2022 and drafting practice case reports on 1/17/2023;
- 3) Practice GC-MS testimony Q&A session with a trainer on 2/1/2023;
- 4) Oral examination on 2/7/2023; and
- 5) Competency test on 2/16/2023.

Ms. Phung's competency test included analysis of 5 blood samples fortified with drugs at different concentrations (requests 0001 in 2023-00001, 2023-00002, 2023-00003, 2023-00004, and 2023-00005) in the development JusticeTrax system.

Ms. Phung has been authorized to use the equipment associated with the GC-MS analyses. This equipment includes but is not limited to: Agilent GC-MS, SPE extraction equipment, Turbo-VAP, balances, vial crimpers, pipettes, pH meter, and Millipore Water System.

Ms. Phung is authorized to provide opinions and interpretations pertaining to the GC-MS drug analyses.