



Houston Forensic Science Center

INTEROFFICE MEMO

To: Cassandra Duvall, M.F.S., D-ABFT-FT – Supervisor, Toxicology **Cassandra Duvall** Digitally signed by Cassandra Duvall
Date: 2024.06.25 17:07:16 -05'00'

From: Ashley Ann Johnson, M.S., D-ABFT-FT – Lead Forensic Scientist, Toxicology **Ashley Ann Johnson, M.S., MBA, D-ABFT-FT** Digitally signed by Ashley Ann Johnson, M.S., MBA, D-ABFT-FT
Date: 2024.06.25 17:03:01 -05'00'

cc: Corissa L. Rodgers, M.S., D-ABFT-FT – Supervisor, Toxicology **Corissa L. Rodgers** Digitally signed by Corissa L. Rodgers
Date: 2024.06.25 17:12:29 -05'00'
Quality Division

Date: June 25, 2024

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

This memo authorizes Ms. Duvall to perform GC-MS drug screening and confirmation analyses and to write test reports for casework in the Toxicology section using the following method:

- Drug screen and qualitative confirmation by GC-MS (BSD)

This authorization is based upon her successful completion of Section 10 of the Toxicology Section Training Manual v4.0 including:

- 1) Required readings on 02/26/2024 and study questions on 02/07/2024;
- 2) Laboratory exercises completed on 04/18/2024 that included:
 - a. Training batches BSD_20240208B_CD and BSD_20240326B_CD;
- 3) GC-MS testimony Q&A session on 05/21/2024;
- 4) Oral examination on 06/14/2024; and
- 5) Competency test in batches BSD_20240430B_CD and BSD_20240507B_CD completed on 06/17/2024.

Laboratory exercises were abbreviated based on her extensive prior training and experience, including her authorization to perform GC-MS extractions and analyses at her previous place of employment on 02/01/2016 and authorization to perform LC-MS/MS casework by HFSC on 09/09/2021.

Ms. Duvall's competency test included analysis of 5 blood samples fortified with drugs at different concentrations (requests 0001 in 2024-00064, 2024-00065, 2024-00066, 2024-00067, and 2024-00068) in the development JusticeTrax system.

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