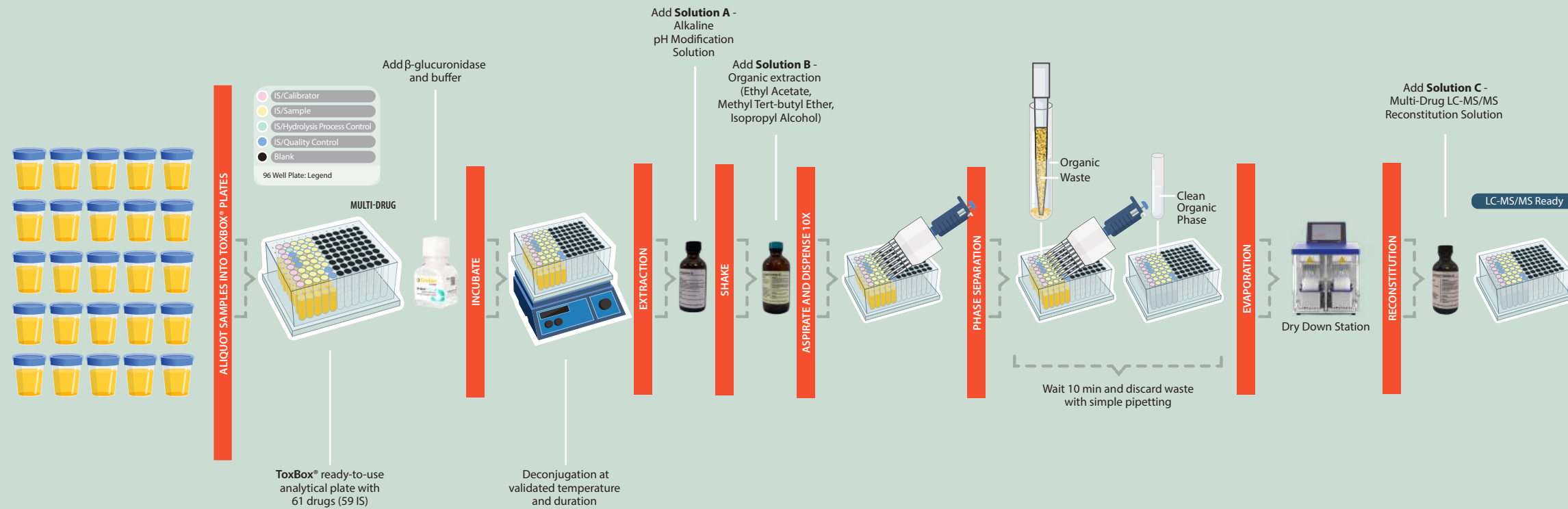


ToxBox® — ONE™ Workflow

Drug-Facilitated Crime Investigations

Sample Preparation



8 am

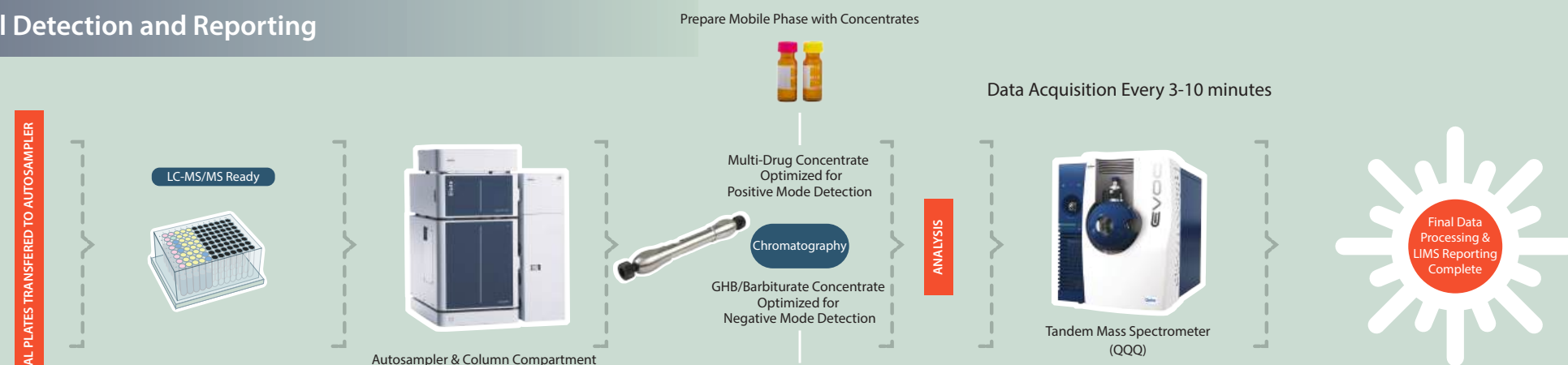
Sample Preparation Starts

This process has been tested and validated with manual pipettes and automated, high-throughput liquid handling devices.

11 am

Dry Down Reconstitution

Analytical Detection and Reporting



11 am

Data Acquisition Starts

8 am Next Day Reporting 5 pm

Data Available for Review Data Acquisition

Data Acquisition Complete

ToxBox® — ONE™

ONE box.
ONE instrument.
ONE analyst.
ONE workflow.
25 samples.

ONE day.

ToxBox® One™ Workflows for forensic toxicology testing were created in response to the Academy Standards Board (ASB) updated standards.

The urine workflow depicted here has been fully validated to meet ANSI/ASB Standard 121 and ANSI/ASB Standard 036. It has been designed for one analyst to use one ToxBox®, in a single workflow, using one instrument to quantify 61 drugs in 25 urine samples in one day. This workflow was fully validated to the ANSI/ASB standards cited above in PinPoint Testing's ISO17025 accredited laboratory.

For more information on the process shown here, visit *ACS Journal Chemical Toxicology Research* to view:

Hands-Free Analytical Urine Testing Technology Validated for Drug-Facilitated Crime Investigations

Chem. Res. Toxicol. 2023, 36, 10, 1584–159
Publication Date: September 13, 2023

<https://doi.org/10.1021/acs.chemrestox.3c00136>

Products Available for Purchase

ANALYTICAL PLATES & KITS

PPT-10003 - ToxBox® ONE™
ASB Drug-Facilitated Crime Investigations Panel - Urine Prep Kit
PPT-10007 - ToxBox® ONE™
ASB Drug-Facilitated Crimes - Urine Panel - 1001

EXTRACTION KITS

PPT-70000 - Multi-Drug Extraction Kit
Urine (Liquid/Liquid)

CHROMATOGRAPHY

PPT-20032 - Mobile Phase Concentrates
Multi-Drug Formulation
PPT-20034 - Mobile Phase Concentrates
GHB/Barbiturate Formulation

CONSULTING SERVICES

PPT-10033 - ToxBox® Custom Validation Reagent Package

PinPoint Testing offers full turn-key consulting services to help accelerate validations.

ANSI/ASB Standard 121, First Edition 2021 Standard for the Analytical Scope and Sensitivity of Forensic Toxicological Testing of Urine in Drug Facilitated Crime Investigations.

ANSI/ASB Standard 036, First Edition 2019 Standard Practices for Method Validation in Forensic Toxicology



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