Standards Working Group

Notes by Jo Marie Cook

Recorded: 03-03, 04-04

Joe Konschnik, Restek, see presentation – issues making standards

Landon Wiest, Restek, see presentation – combining mixes together

Don Shelly, Ehrenstorfer, LGC Standards – see presentation – second source

Issues mentioned:

- Have a consistent definition of a "Second source"
- Combining mixes
- Degradation after dilution
- Degradation after addition to matric
- Degradation due to chemistry, pH
- Are there internal standards/stable marker to use to verify stability, add it when you make your working standard? Make data corrections? Linuron D6? Similar chemistry compound?
- do I do with a brand new vial from a -80C – bring up to temperature, sonicate (some degrade)
- Supplier multiple expiration dates
- User has to run their own stability testing
- Regulatory – second source, second analyst required – came from EPA, now more definitive ID methods, looks for human error, when? How often?
- No such thing as NIST traceable, traceable to technique used
- How low a concentration will accelerate degradation?
- Vet Drugs – using vendor mixes?
- Are standards more stable in 100% acetonitrile vs 90% water
- Which compounds should we know about? – bad boy list – spiromethesin