

REVIEWED

By Tamara Salazar at 2:47 pm, Sep 13, 2023

9/12/2023

CS

Worklist: 6493

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|---|
| M2023-0917 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2023-3224 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2023-3260 | 3 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2023-3361 | 3 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2023-3394 | 3 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-1946 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-1956 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-1958 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-1992 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2048 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2049 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2349 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2350 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2352 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2370 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2373 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2383 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2404 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2406 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2023-2431 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |

AM# 28: Multi-Drug Quantitation by LC-MS/MS

Extraction Date: 09/11/2023

Plate lot#: 230707

Mobile phase A: 5mM Amm Form + 0.01% FA
Instant Buffer I

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 01/07/2024

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate LC Methanol

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Using a calibrated pipette, pipette **250µL blood** into the appropriate wells of the analytical (standards) plate.
Pipette ID: 16
- 3. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300L of blood+base** mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right). Manifold ID: 067104
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 16. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

Comments: P2023-1718-1, P2023-2004-1, and P2023-2263-1 were also included in the run.

Curve Limits:

7-aminoclonazepam 5-500 (Cal 8 removed due to accuracy)
Amphetamine 5-250 (Cals 7 and 8 removed due to accuracy)
Buprenorphine 0.5-50 (Cal 8 removed due to accuracy)
Clonazepam 5-500 (Cal 8 removed due to accuracy)
Codeine 5-250 (Cals 7 and 8 removed due to accuracy)
Dihydrocodeine 5-500 (Cal 8 removed due to accuracy)
Fentanyl 0.5-50 (Cal 8 removed due to accuracy)
Hydroxyzine 5-500 (Cal 8 removed due to accuracy)
Lamotrigine 5-500 (Cal 8 removed due to accuracy)
MDA 5-250 (Cals 7 and 8 removed due to accuracy)
Meprobamate 5-250 (Cals 7 and 8 removed due to accuracy)
Methamphetamine 5-500 (Cal 8 removed due to accuracy)
Metoprolol 5-500 (Cal 8 removed due to accuracy)
Norbuprenorphine 2.5-100 (Cals 1 and 2 removed due to peak shape/ratio)
Olanzapine 5-500 (Cal 8 removed due to accuracy)
Phentermine 5-500 (Cal 8 removed due to accuracy)
Trazodone 5-500 (Cal 8 removed due to accuracy)

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|--------------|--------------|--------------|--------------|-------------|
| A | | | | | | | | | P2023-1946-1 | P2023-2352-1 | P2023-2004-1 | IS + Cal. 8 |
| B | | | | | | | | | P2023-1956-1 | P2023-2370-1 | P2023-1718-1 | IS + Cal. 7 |
| C | | | | | | | | | P2023-1958-1 | P2023-2373-1 | Neg Ctrl | IS + Cal. 6 |
| D | | | | | | | | M2023-0917-1 | P2023-1992-2 | P2023-2383-1 | IS + QC_2 | IS + Cal. 5 |
| E | | | | | | | | M2023-3224-2 | P2023-2048-1 | P2023-2404-1 | IS + QC_4 | IS + Cal. 4 |
| F | | | | | | | | M2023-3260-3 | P2023-2049-1 | P2023-2406-1 | IS + QC_3 | IS + Cal. 3 |
| G | | | | | | | | M2023-3361-3 | P2023-2349-1 | P2023-2431-1 | IS + QC_2 | IS + Cal. 2 |
| H | | | | | | | | M2023-3394-3 | P2023-2350-1 | P2023-2263-1 | IS + QC_1 | IS + Cal. 1 |

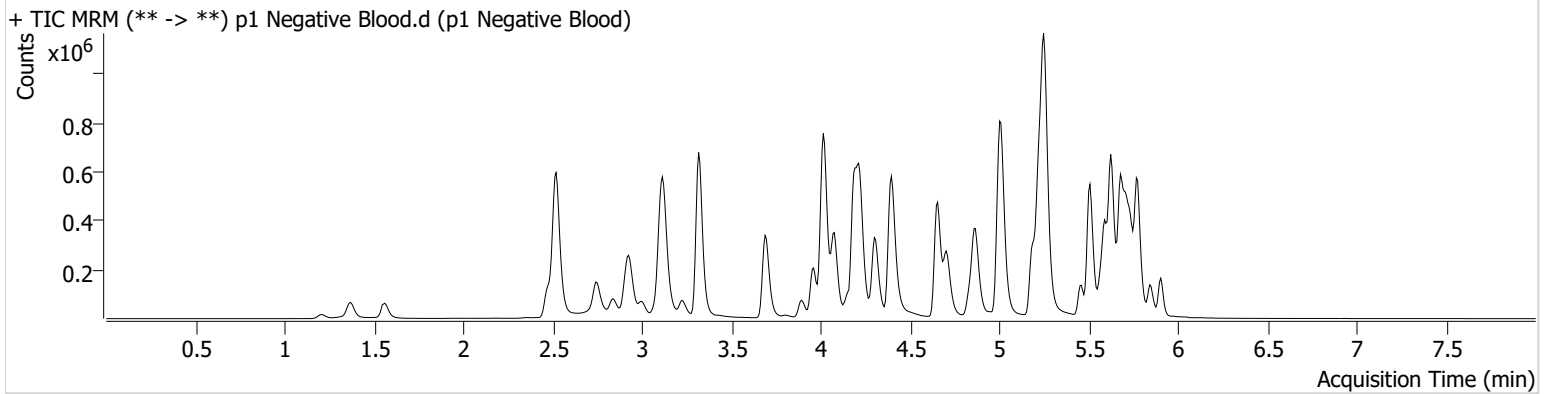


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

| | | | |
|-------------------------|----------------------|------------------|---|
| Instrument | Falco (069901) | Data File | p1 Negative Blood.d |
| Type | Sample | Sample | p1 Negative Blood |
| Acq. Method | AM 28 MDQ P1.m | Operator | Celena Shrum |
| Sample Position | P2-C11 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 2 | | |
| Acq. Date-Time | 9/12/2023 3:38:59 AM | | |
| Sample Info. | | | |

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

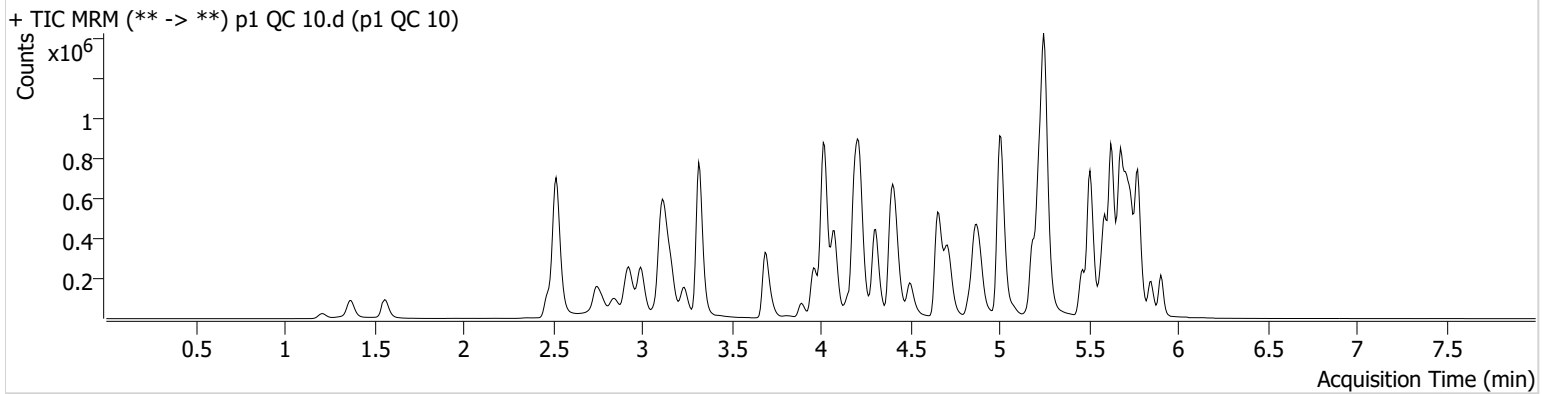
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H11
Injection Volume 2
Acq. Date-Time 9/12/2023 2:35:11 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.085 | 2966 | 4356.56 | 77.3 | ∞ | 92499 | 0.9811 ng/ml |
| 7-aminoclonazepam | 4.170 | 35691 | 442.79 | 84.6 | 170.02 | 146832 | 10.2221 ng/ml |
| a-hydroxyalprazolam | 5.662 | 27751 | ∞ | 73.5 | 435.49 | 116786 | 10.2299 ng/ml |
| alpha-PHP | 4.881 | 54933 | 690.47 | 269.3 | 1809.67 | 827420 | 10.4305 ng/ml |
| alpha-PVP | 4.309 | 212825 | 3883.89 | 47.0 | 193.94 | 827420 | 9.8463 ng/ml |
| Alprazolam | 5.739 | 99296 | 525.54 | 117.7 | 333.78 | 431433 | 10.0424 ng/ml |
| Amphetamine | 2.995 | 350875 | 1583.59 | 50.5 | 2001.16 | 499204 | 10.4455 ng/ml |
| Benzoylcegonine | 3.837 | 5271 | 343.28 | 7.4 | 149.15 | 15991 | 10.6340 ng/ml |
| Bromazolam | 5.771 | 40277 | 43413.64 | 120.5 | 57059.54 | 195793 | 10.4136 ng/ml |
| Buprenorphine | 5.585 | 4638 | 109.65 | 17.3 | 658.08 | 174793 | 1.0630 ng/ml |
| Bupropion | 4.724 | 198494 | 5367.45 | 65.8 | 266.99 | 626896 | 10.0083 ng/ml |
| Carisoprodol | 5.687 | 119115 | 1299.76 | 54.0 | 240.10 | 497519 | 10.4868 ng/ml |
| Citalopram | 5.186 | 164136 | 1230.46 | 38.8 | 212.32 | 742476 | 9.9212 ng/ml |
| Clonazepam | 5.575 | 122923 | 19877.03 | 34.4 | 315.99 | 158749 | 10.5081 ng/ml |
| Clonazolam | 5.518 | 91258 | 159559.97 | 33.0 | 44550.43 | 158749 | 10.5192 ng/ml |
| Cocaine | 4.217 | 133369 | 441.17 | 55.1 | 1037.46 | 1149668 | 9.9232 ng/ml |
| Codeine | 2.512 | 16931 | 347.35 | 109.3 | 480.15 | 96390 | 10.8095 ng/ml |
| Cyclobenzaprine | 5.598 | 170216 | 730.41 | 8.2 | 128.20 | 702352 | 9.7659 ng/ml |
| Dextromethorphan | 5.229 | 107314 | 248.98 | 82.2 | 1815.84 | 474447 | 10.3418 ng/ml |
| Dextrorphan | 4.077 | 67061 | 493.29 | 207.0 | 2732.11 | 766278 | 9.8934 ng/ml |
| Diazepam | 5.911 | 56525 | 979.37 | 91.2 | 807.24 | 288207 | 10.3842 ng/ml |
| Dihydrocodeine | 2.504 | 48428 | 3470.88 | 58.7 | 748.87 | 258431 | 10.7491 ng/ml |
| Diphenhydramine | 5.257 | 471429 | 776.70 | 29.1 | 243.30 | 2321241 | 10.0456 ng/ml |
| Doxylamine | 4.416 | 374423 | 1239.39 | 102.0 | 2794.76 | 1642732 | 9.9864 ng/ml |
| Duloxetine | 5.624 | 19012 | 772.96 | 14.1 | 37.61 | 98641 | 10.3430 ng/ml |
| EDDP | 5.228 | 195631 | 217.93 | 42.7 | 5313.71 | 1018070 | 10.3470 ng/ml |
| Etizolam | 5.778 | 42042 | 1763.82 | 26.0 | 8244.48 | 158749 | 10.0186 ng/ml |
| Fentanyl | 5.028 | 14970 | 312.99 | 82.2 | 12815.05 | 796324 | 0.9567 ng/ml |
| Fluorofentanyl | 5.074 | 43510 | 2096.51 | 36.1 | 602.31 | 8079 | 1.0249 ng/ml |
| Fluoxetine | 5.685 | 196224 | 656.58 | 8.0 | 376.94 | 691632 | 9.9594 ng/ml |
| Hydrocodone | 2.958 | 76549 | 172.59 | 30.5 | 207.65 | 388504 | 10.4340 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|---------|-------|----------|------------|---------------|
| Hydromorphone | 1.569 | 66147 | 4885.28 | 72.1 | 63225.06 | 195116 | 9.9619 ng/ml |
| Hydroxyzine | 5.661 | 175498 | 1908.98 | 72.8 | 1474.07 | 474447 | 10.2432 ng/ml |
| Ketamine | 3.975 | 131399 | 5418.30 | 38.1 | 390.71 | 512847 | 10.8746 ng/ml |
| Lamotrigine | 4.213 | 11802 | 336.40 | 82.6 | 2646.51 | 1654515 | 9.9046 ng/ml |
| Lorazepam | 5.711 | 106630 | 1654.42 | 44.1 | 26.32 | 645892 | 11.1213 ng/ml |
| MDA | 3.143 | 227848 | 2060.30 | 31.3 | 445.34 | 755456 | 10.5570 ng/ml |
| MDMA | 3.244 | 130559 | 1432.08 | 91.3 | 1348.22 | 155508 | 10.2341 ng/ml |
| Meprobamate | 4.861 | 67313 | 1313.36 | 30.7 | 1023.43 | 294075 | 10.5301 ng/ml |
| Methadone | 5.630 | 324629 | 366.25 | 44.0 | 1657.12 | 1218862 | 9.6835 ng/ml |
| Methamphetamine | 3.171 | 279567 | 2855.18 | 40.5 | 327.50 | 1126598 | 10.1420 ng/ml |
| Metoprolol | 4.287 | 36717 | 2835.83 | 98.5 | 701.63 | 1434612 | 10.5446 ng/ml |
| Mirtazapine | 4.498 | 287162 | 1583.20 | 46.6 | 1099.51 | 827420 | 9.8748 ng/ml |
| Mitragynine | 5.156 | 64590 | 1179.67 | 33.0 | 369.29 | 1218862 | 9.9583 ng/ml |
| Morphine | 1.220 | 10375 | 441.69 | 33.4 | 671.97 | 26276 | 10.6833 ng/ml |
| Norbuprenorphine | 4.951 | 713 | 43.82 | 100.4 | 558.43 | 25987 | 1.0902 ng/ml |
| Nordiazepam | 5.851 | 73115 | 557.46 | 61.5 | 738.07 | 238082 | 10.6240 ng/ml |
| Norfentanyl | 4.043 | 29913 | 365.13 | 35.8 | 135.02 | 1208925 | 0.9680 ng/ml |
| Norhydrocodone | 3.019 | 15208 | 202.90 | 37.5 | 86.05 | 132559 | 8.8025 ng/ml |
| Noroxycodone | 2.862 | 73546 | 826.62 | 47.2 | 1518.34 | 237642 | 9.2332 ng/ml |
| O-desmethyl-tramadol | 3.324 | 296500 | 5130.82 | 5.6 | 252.55 | 1724885 | 9.9799 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 255754 | 3949.94 | 28.9 | 584.26 | 374984 | 9.6618 ng/ml |
| Olanzapine | 3.979 | 33873 | 1090.54 | 56.2 | 572.03 | 88130 | 10.8685 ng/ml |
| Oxazepam | 5.720 | 121662 | 1322.06 | 80.7 | 259.04 | 645892 | 9.9777 ng/ml |
| Oxycodone | 2.774 | 132737 | 1143.44 | 27.7 | 332.35 | 510633 | 10.2437 ng/ml |
| Oxymorphone | 1.371 | 66084 | ∞ | 44.5 | 386.90 | 220555 | 9.8077 ng/ml |
| Phentermine | 3.726 | 66825 | 225.31 | 7.2 | 249.61 | 914818 | 10.3725 ng/ml |
| Promethazine | 5.508 | 289690 | 8296.69 | 31.2 | 626.78 | 1282059 | 9.8571 ng/ml |
| Pseudoephedrine | 2.528 | 324124 | 7454.19 | 17.3 | 1743.96 | 1654515 | 9.6478 ng/ml |
| Quetiapine | 5.469 | 222985 | 590.92 | 53.8 | 247.49 | 292016 | 10.7950 ng/ml |
| Sertraline | 5.747 | 64201 | 230.02 | 96.9 | 952.76 | 286423 | 9.9952 ng/ml |
| Temazepam | 5.781 | 198226 | 790.29 | 28.2 | 190.50 | 924381 | 9.9631 ng/ml |
| Tramadol | 4.199 | 282242 | 487.95 | 3.1 | 57.47 | 1434612 | 10.2056 ng/ml |
| Trazodone | 4.890 | 289468 | 284.51 | 56.8 | 744.57 | 913732 | 10.4017 ng/ml |
| Venlafaxine | 5.002 | 274097 | 413.71 | 36.9 | 544.73 | 1470377 | 10.0817 ng/ml |
| Xylazine | 4.030 | 110284 | 1979.32 | 46.2 | 607.61 | 396480 | 10.2590 ng/ml |
| Zolpidem | 4.674 | 308920 | 4595.20 | 29.2 | 2307.06 | 1241163 | 10.3193 ng/ml |

AM #28 Multi-Drug Quant. Results

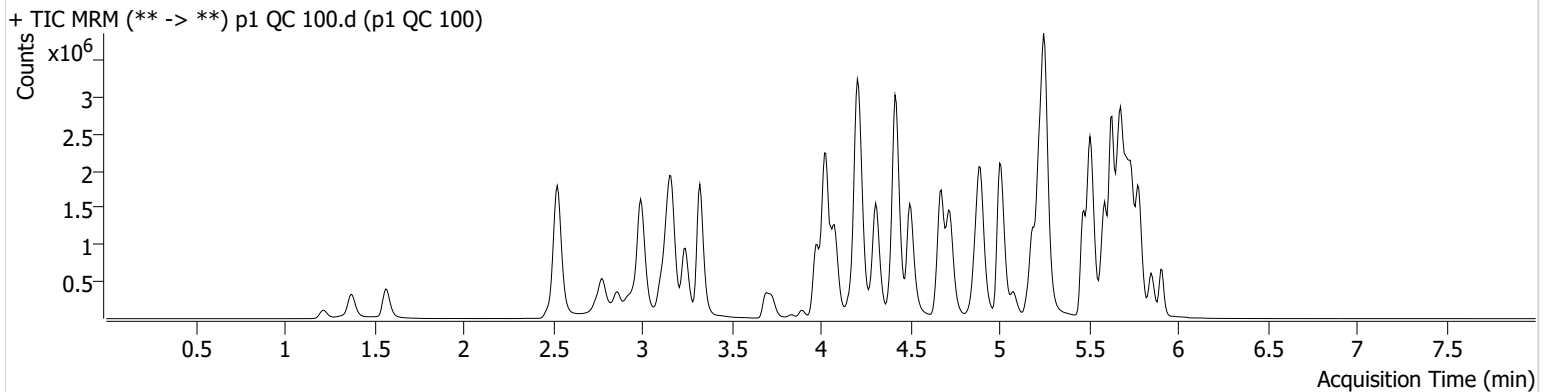


Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 9/12/2023 12:09:23 PM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 30564 | 26955.13 | 74.9 | 29624.24 | 90079 | 10.1936 ng/ml |
| 7-aminoclonazepam | 4.170 | 391672 | 6883.09 | 80.5 | 2162.57 | 163712 | 102.6559 ng/ml |
| a-hydroxyalprazolam | 5.662 | 223668 | 279.97 | 70.6 | 3223.29 | 90088 | 103.7142 ng/ml |
| alpha-PHP | 4.881 | 517308 | 3229.09 | 263.5 | 74369.84 | 778075 | 102.7725 ng/ml |
| alpha-PVP | 4.316 | 2009744 | 1452.43 | 48.8 | 1030.96 | 778075 | 96.0569 ng/ml |
| Alprazolam | 5.739 | 889771 | 3899.03 | 117.0 | 988.56 | 364520 | 101.6928 ng/ml |
| Amphetamine | 2.995 | 3019850 | 41743.61 | 49.9 | 27546.13 | 472979 | 102.6805 ng/ml |
| Benzoylcegonine | 3.837 | 52175 | 1536.18 | 7.9 | 154.63 | 16390 | 105.5603 ng/ml |
| Bromazolam | 5.771 | 317535 | 43840.24 | 123.8 | 2393.58 | 160960 | 101.9789 ng/ml |
| Buprenorphine | 5.585 | 42461 | 964.93 | 15.5 | 457.01 | 170995 | 10.4669 ng/ml |
| Bupropion | 4.724 | 1912747 | 5309.56 | 66.7 | 34169.35 | 607255 | 95.7345 ng/ml |
| Carisoprodol | 5.694 | 870796 | 896.50 | 54.8 | 707.31 | 375521 | 96.9064 ng/ml |
| Citalopram | 5.186 | 1556811 | 1202.83 | 38.3 | 8726.41 | 677005 | 98.4934 ng/ml |
| Clonazepam | 5.575 | 1001428 | 15049.83 | 34.5 | 36231.13 | 136613 | 105.0181 ng/ml |
| Clonazolam | 5.525 | 712754 | 16433.86 | 35.7 | 347005.72 | 136613 | 101.9991 ng/ml |
| Cocaine | 4.217 | 1255494 | 539.50 | 54.7 | 1094.61 | 1079106 | 98.8416 ng/ml |
| Codeine | 2.512 | 144275 | 586.74 | 107.1 | 454.49 | 89537 | 104.7742 ng/ml |
| Cyclobenzaprine | 5.598 | 1650872 | 1026.29 | 7.7 | 859.05 | 632968 | 98.3295 ng/ml |
| Dextromethorphan | 5.229 | 963509 | 934.47 | 78.8 | 246.70 | 430205 | 100.4732 ng/ml |
| Dextrorphan | 4.077 | 615381 | 1473.97 | 213.7 | 3084.85 | 707203 | 96.0938 ng/ml |
| Diazepam | 5.911 | 502943 | 677.41 | 92.5 | 1292.54 | 259335 | 103.4505 ng/ml |
| Dihydrocodeine | 2.504 | 461433 | 1268.59 | 59.3 | 1732.02 | 259430 | 109.9391 ng/ml |
| Diphenhydramine | 5.257 | 4419693 | 53259.69 | 29.4 | 1217.63 | 2129508 | 98.3052 ng/ml |
| Doxylamine | 4.416 | 3920237 | 64460.32 | 99.5 | 120009.40 | 1623734 | 103.7456 ng/ml |
| Duloxetine | 5.624 | 156206 | 6996.54 | 13.6 | 10399.86 | 83431 | 101.0772 ng/ml |
| EDDP | 5.228 | 1904615 | 1311.71 | 43.0 | 1004.51 | 984721 | 100.7826 ng/ml |
| Etizolam | 5.778 | 357174 | 3752.31 | 27.0 | 394.27 | 136613 | 93.1389 ng/ml |
| Fentanyl | 5.028 | 149115 | 4640.17 | 81.2 | 5341.96 | 727858 | 9.7491 ng/ml |
| Fluorofentanyl | 5.074 | 442823 | 13567.63 | 37.7 | 15192.46 | 8162 | 9.9782 ng/ml |
| Fluoxetine | 5.685 | 1704359 | 1298.10 | 8.1 | 11947.82 | 589496 | 97.1953 ng/ml |
| Hydrocodone | 2.958 | 702818 | ∞ | 32.4 | 285.64 | 384992 | 103.1001 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------|-------|------------|------------|----------------|
| Hydromorphone | 1.569 | 656978 | 6123.39 | 71.4 | 844.70 | 190950 | 100.8334 ng/ml |
| Hydroxyzine | 5.661 | 1646511 | 15891.98 | 76.1 | 20644.84 | 430205 | 97.8151 ng/ml |
| Ketamine | 3.975 | 1220635 | 3830.01 | 39.1 | 667.61 | 510484 | 109.7019 ng/ml |
| Lamotrigine | 4.213 | 98371 | 1311.02 | 86.5 | 36554.79 | 1436310 | 105.8715 ng/ml |
| Lorazepam | 5.711 | 654336 | 39967.64 | 48.4 | 576.02 | 464788 | 106.2568 ng/ml |
| MDA | 3.143 | 1888944 | 14543.48 | 30.4 | 2488.15 | 665948 | 105.6345 ng/ml |
| MDMA | 3.244 | 1248449 | 13627.41 | 90.8 | 5939.58 | 147283 | 102.3384 ng/ml |
| Meprobamate | 4.861 | 487456 | 23192.90 | 30.1 | 370.94 | 231444 | 105.3626 ng/ml |
| Methadone | 5.630 | 3129370 | 41827.70 | 43.0 | 1970.14 | 1133762 | 95.6099 ng/ml |
| Methamphetamine | 3.171 | 2600729 | 27648.25 | 39.8 | 11600.55 | 1105058 | 105.8177 ng/ml |
| Metoprolol | 4.287 | 345472 | 9347.66 | 97.9 | 1861.99 | 1352336 | 108.4847 ng/ml |
| Mirtazapine | 4.498 | 2850562 | 68406.45 | 45.3 | 70654.04 | 778075 | 98.1761 ng/ml |
| Mitragynine | 5.156 | 640399 | 339740.76 | 32.4 | 240985.54 | 1133762 | 95.9931 ng/ml |
| Morphine | 1.220 | 103335 | 3227.04 | 33.3 | 798.58 | 25680 | 109.8749 ng/ml |
| Norbuprenorphine | 4.957 | 5726 | 1074.72 | 102.5 | 2978.18 | 27586 | 9.8897 ng/ml |
| Nordiazepam | 5.851 | 625786 | 13167.92 | 62.9 | 1352.91 | 202220 | 107.8472 ng/ml |
| Norfentanyl | 4.043 | 266501 | 5961.87 | 36.8 | 1359.21 | 1030192 | 9.5057 ng/ml |
| Norhydrocodone | 3.019 | 122003 | 130.78 | 37.6 | 61.31 | 89752 | 87.4196 ng/ml |
| Noroxycodone | 2.862 | 677519 | 1724.88 | 48.3 | 5744.42 | 220762 | 107.8663 ng/ml |
| O-desmethyl-tramadol | 3.324 | 2916834 | 261244.87 | 5.7 | 1201.75 | 1659359 | 98.5589 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 2380860 | 55587.04 | 28.4 | 4227.97 | 319840 | 99.1908 ng/ml |
| Olanzapine | 3.986 | 471073 | 4710.80 | 57.7 | 2410.59 | 125658 | 112.0252 ng/ml |
| Oxazepam | 5.713 | 884149 | 2176.01 | 74.1 | 722.29 | 464788 | 103.0384 ng/ml |
| Oxycodone | 2.774 | 1319327 | 1456.54 | 28.3 | 1248.77 | 506455 | 103.3894 ng/ml |
| Oxymorphone | 1.371 | 634608 | ∞ | 43.6 | ∞ | 211345 | 99.2208 ng/ml |
| Phentermine | 3.733 | 620302 | 1264.61 | 6.4 | 403.02 | 887488 | 105.5742 ng/ml |
| Promethazine | 5.508 | 2914096 | 2019.30 | 30.8 | 1014.15 | 1211016 | 98.7187 ng/ml |
| Pseudoephedrine | 2.535 | 3055095 | 42095.53 | 16.7 | 111306.12 | 1436310 | 95.2382 ng/ml |
| Quetiapine | 5.469 | 2112228 | 1596.95 | 58.1 | 3320.45 | 289032 | 105.2477 ng/ml |
| Sertraline | 5.747 | 523439 | 16966.75 | 96.4 | 18220.54 | 232066 | 98.9078 ng/ml |
| Temazepam | 5.781 | 1463891 | 35507.96 | 28.0 | 5707.67 | 649932 | 100.7665 ng/ml |
| Tramadol | 4.206 | 2695106 | ∞ | 3.6 | 330.63 | 1352336 | 106.2548 ng/ml |
| Trazodone | 4.890 | 2517932 | 718093.90 | 61.0 | 1005705.72 | 869870 | 102.7057 ng/ml |
| Venlafaxine | 5.002 | 2728614 | 62979.20 | 34.7 | 1263.53 | 1440333 | 98.5994 ng/ml |
| Xylazine | 4.030 | 1020838 | 1626338.57 | 48.6 | 2894.64 | 364021 | 103.2970 ng/ml |
| Zolpidem | 4.674 | 3057861 | 3174316.95 | 28.7 | 14520.17 | 1239563 | 103.6805 ng/ml |



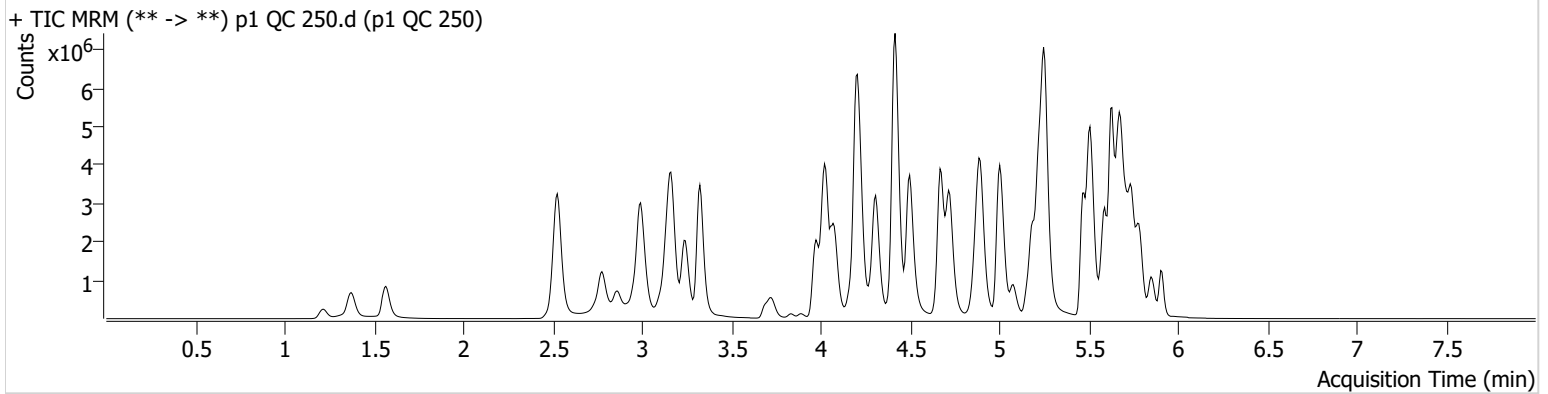
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-F11 **Comment**
Injection Volume 2
Acq. Date-Time 9/12/2023 2:56:28 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 79486 | 13467.42 | 71.9 | 1923.82 | 93785 | 25.4325 ng/ml |
| 7-aminoclonazepam | 4.163 | 883111 | 903.29 | 80.8 | 5970.36 | 157015 | 241.6449 ng/ml |
| a-hydroxyalprazolam | 5.655 | 351262 | ∞ | 74.1 | 22149.50 | 61277 | 239.0220 ng/ml |
| alpha-PHP | 4.874 | 1201865 | 14584.99 | 263.8 | 123917.80 | 729254 | 254.4812 ng/ml |
| alpha-PVP | 4.309 | 4877415 | 1227.05 | 48.8 | 1938.68 | 729254 | 248.2298 ng/ml |
| Alprazolam | 5.733 | 1870364 | 723.34 | 114.1 | 1671.44 | 300248 | 258.7479 ng/ml |
| Amphetamine | 2.995 | 6132592 | 53468.10 | 48.6 | 4893.32 | 474483 | 208.8462 ng/ml |
| Benzoylcegonine | 3.831 | 135650 | 3761.43 | 7.9 | 486.18 | 17628 | 255.6316 ng/ml |
| Bromazolam | 5.771 | 592338 | 471664.58 | 124.6 | 867715.34 | 121197 | 253.0121 ng/ml |
| Buprenorphine | 5.578 | 96379 | 592.74 | 14.1 | 973.29 | 167968 | 24.2677 ng/ml |
| Bupropion | 4.724 | 4778075 | 238870.57 | 66.2 | 51160.80 | 588122 | 246.2507 ng/ml |
| Carisoprodol | 5.694 | 1494267 | 1418.78 | 53.9 | 523.93 | 252053 | 246.9098 ng/ml |
| Citalopram | 5.186 | 3655092 | 4221.92 | 37.7 | 1949.47 | 605318 | 257.8147 ng/ml |
| Clonazepam | 5.575 | 1826694 | 22059.20 | 34.9 | 11021.00 | 111137 | 236.2867 ng/ml |
| Clonazolam | 5.525 | 1393302 | 17604.81 | 35.6 | 4672.80 | 111137 | 246.2290 ng/ml |
| Cocaine | 4.217 | 2869102 | 1264.39 | 54.7 | 1730.74 | 975066 | 249.8624 ng/ml |
| Codeine | 2.512 | 280088 | 1431.11 | 105.8 | 226.85 | 87384 | 209.0959 ng/ml |
| Cyclobenzaprine | 5.591 | 3810963 | 56588.52 | 7.2 | 309.62 | 567966 | 251.8767 ng/ml |
| Dextromethorphan | 5.229 | 2045455 | 1502.28 | 76.6 | 716.15 | 366352 | 250.1499 ng/ml |
| Dextrorphan | 4.077 | 1433512 | 4747.35 | 214.8 | 32661.15 | 635312 | 248.7726 ng/ml |
| Diazepam | 5.911 | 1078928 | 825.41 | 91.8 | 5188.40 | 229003 | 251.4426 ng/ml |
| Dihydrocodeine | 2.497 | 995892 | 36768.64 | 61.4 | 2313.59 | 263609 | 234.5631 ng/ml |
| Diphenhydramine | 5.257 | 9800326 | 71499.14 | 29.7 | 2230.84 | 1869561 | 247.5728 ng/ml |
| Doxylamine | 4.416 | 10314158 | 230663.84 | 99.0 | 212279.16 | 1650568 | 268.1805 ng/ml |
| Duloxetine | 5.624 | 301169 | 3054.48 | 14.1 | 36723.76 | 63142 | 257.6058 ng/ml |
| EDDP | 5.222 | 4589667 | 29032.90 | 42.3 | 560.79 | 948089 | 251.6879 ng/ml |
| Etizolam | 5.778 | 747579 | 13869.63 | 26.1 | 87040.28 | 111137 | 238.6071 ng/ml |
| Fentanyl | 5.028 | 368298 | 468.86 | 81.2 | 559573.65 | 661726 | 26.3682 ng/ml |
| Fluorofentanyl | 5.074 | 1156865 | 1175.32 | 37.4 | 10286.79 | 8445 | 25.1370 ng/ml |
| Fluoxetine | 5.685 | 3418103 | 1820.24 | 8.0 | 569.82 | 467686 | 244.9807 ng/ml |
| Hydrocodone | 2.958 | 1650982 | ∞ | 33.8 | ∞ | 383648 | 244.0957 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------|-------|------------|------------|----------------|
| Hydromorphone | 1.569 | 1562585 | 3726704.90 | 72.0 | 4755248.57 | 183816 | 249.0921 ng/ml |
| Hydroxyzine | 5.661 | 3886197 | 58436.32 | 77.9 | 13310.97 | 366352 | 269.5602 ng/ml |
| Ketamine | 3.975 | 2666914 | 270154.86 | 39.0 | 3368.12 | 494952 | 248.4397 ng/ml |
| Lamotrigine | 4.213 | 182766 | 764.51 | 85.1 | 825.16 | 1218394 | 233.3719 ng/ml |
| Lorazepam | 5.711 | 845064 | 25046.87 | 48.4 | 509.17 | 271760 | 236.5343 ng/ml |
| MDA | 3.143 | 3463872 | 2326.73 | 29.0 | 5489.90 | 565196 | 229.1160 ng/ml |
| MDMA | 3.244 | 2848901 | 106177.10 | 92.9 | 7852.11 | 136634 | 251.5724 ng/ml |
| Meprobamate | 4.855 | 945475 | 15541.76 | 28.9 | 7392.10 | 230896 | 205.8233 ng/ml |
| Methadone | 5.630 | 7630522 | 2207.09 | 41.0 | 87445.71 | 1026483 | 256.6381 ng/ml |
| Methamphetamine | 3.164 | 6126127 | 47467.70 | 38.8 | 21933.76 | 1138168 | 243.4681 ng/ml |
| Metoprolol | 4.280 | 739756 | 811972.31 | 99.6 | 28486.28 | 1279784 | 245.9206 ng/ml |
| Mirtazapine | 4.498 | 7080068 | 155368.84 | 43.4 | 13785.19 | 729254 | 259.1218 ng/ml |
| Mitragynine | 5.156 | 1550884 | 6068.21 | 33.1 | 472089.76 | 1026483 | 255.0062 ng/ml |
| Morphine | 1.220 | 246150 | 2210.62 | 33.8 | 863.30 | 26161 | 257.0550 ng/ml |
| Norbuprenorphine | 4.957 | 14098 | 3461.48 | 107.0 | 11436.52 | 28381 | 24.0184 ng/ml |
| Nordiazepam | 5.851 | 1293756 | 29169.82 | 63.1 | 8911.20 | 174392 | 258.6639 ng/ml |
| Norfentanyl | 4.043 | 529194 | 1233.32 | 37.9 | 1378.97 | 802592 | 24.1275 ng/ml |
| Norhydrocodone | 3.019 | 274589 | 268.62 | 38.1 | 93.36 | 72188 | 241.8277 ng/ml |
| Noroxycodone | 2.862 | 1498502 | 1465.38 | 47.5 | 5757.54 | 204609 | 259.9420 ng/ml |
| O-desmethyl-tramadol | 3.324 | 7284285 | 374511.49 | 5.7 | 815.57 | 1609263 | 253.1989 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 5125505 | 120372.01 | 27.8 | 2818.90 | 272254 | 249.8953 ng/ml |
| Olanzapine | 3.979 | 1093133 | 4551.26 | 59.6 | 3170.18 | 133125 | 246.1927 ng/ml |
| Oxazepam | 5.713 | 1255345 | 820.51 | 75.4 | 1643.02 | 271760 | 250.5681 ng/ml |
| Oxycodone | 2.774 | 3299959 | 5798.46 | 28.7 | 13642.73 | 526050 | 249.0838 ng/ml |
| Oxymorphone | 1.371 | 1566194 | ∞ | 43.9 | ∞ | 216987 | 238.6516 ng/ml |
| Phentermine | 3.726 | 1356558 | 819.06 | 6.3 | 3919.04 | 890386 | 231.0036 ng/ml |
| Promethazine | 5.508 | 7161818 | 1923.45 | 30.1 | 1974.90 | 1153115 | 253.7732 ng/ml |
| Pseudoephedrine | 2.528 | 6922022 | 6173.28 | 16.4 | 1036.46 | 1218394 | 252.7653 ng/ml |
| Quetiapine | 5.462 | 5033006 | 138695.92 | 57.1 | 29064.70 | 285853 | 253.8914 ng/ml |
| Sertraline | 5.747 | 1025648 | 19033.81 | 94.3 | 236957.83 | 177901 | 252.5230 ng/ml |
| Temazepam | 5.788 | 2303591 | 26476.48 | 27.2 | 4724.65 | 411131 | 250.0619 ng/ml |
| Tramadol | 4.199 | 6165438 | ∞ | 3.6 | 494.50 | 1279784 | 257.2989 ng/ml |
| Trazodone | 4.890 | 5312561 | 181995.87 | 65.9 | 7213.69 | 819442 | 231.2010 ng/ml |
| Venlafaxine | 5.002 | 6746956 | 7564.21 | 33.9 | 1150.01 | 1366796 | 256.2448 ng/ml |
| Xylazine | 4.023 | 2348155 | 146081.64 | 50.1 | 8113.59 | 342255 | 252.6956 ng/ml |
| Zolpidem | 4.667 | 7744941 | 6883.24 | 27.3 | 68528.03 | 1242151 | 262.2947 ng/ml |



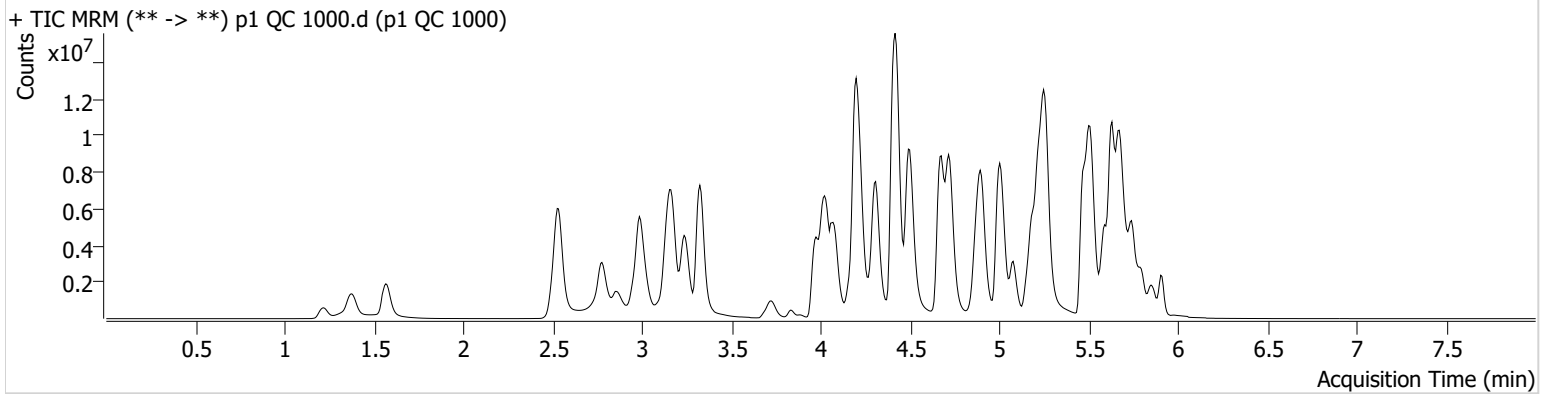
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E11 **Comment**
Injection Volume 2
Acq. Date-Time 9/12/2023 3:17:43 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|------------|-------|------------|------------|-----------------|
| 6-MAM | 3.085 | 270748 | 1435.49 | 70.8 | 8282.19 | 78171 | 103.8736 ng/ml |
| 7-aminoclonazepam | 4.163 | 2477340 | 798.85 | 80.6 | 8520.67 | 148489 | 717.2503 ng/ml |
| a-hydroxyalprazolam | 5.655 | 375505 | 107.83 | 70.2 | 111.00 | 15859 | 986.2255 ng/ml |
| alpha-PHP | 4.874 | 3101765 | 2263.94 | 265.1 | 38169.09 | 472836 | 1012.3690 ng/ml |
| alpha-PVP | 4.309 | 13528216 | 240430.09 | 48.6 | 41957.95 | 472836 | 1060.8520 ng/ml |
| Alprazolam | 5.739 | 3721633 | ∞ | 110.1 | 1926.28 | 150739 | 1024.0238 ng/ml |
| Amphetamine | 2.989 | 11736778 | 137032.16 | 49.1 | 168802.00 | 374791 | 507.3868 ng/ml |
| Benzoylcegonine | 3.831 | 529318 | 1729.47 | 7.9 | 1069.62 | 17136 | 1027.1378 ng/ml |
| Bromazolam | 5.771 | 923197 | 225.74 | 125.4 | 1097999.24 | 52242 | 915.4583 ng/ml |
| Buprenorphine | 5.578 | 217938 | 3843.76 | 14.8 | 64846.12 | 137187 | 67.2977 ng/ml |
| Bupropion | 4.724 | 14438946 | 358097.32 | 64.2 | 247676.38 | 406109 | 1076.2236 ng/ml |
| Carisoprodol | 5.694 | 1988750 | 509.82 | 55.4 | 434.55 | 76808 | 1076.5793 ng/ml |
| Citalopram | 5.186 | 8245508 | 73187.80 | 38.0 | 2886.45 | 319556 | 1100.0621 ng/ml |
| Clonazepam | 5.568 | 2434018 | 30122.68 | 34.0 | 3745.35 | 48620 | 721.0149 ng/ml |
| Clonazolam | 5.532 | 2024699 | 1009176.08 | 36.8 | 527943.84 | 48620 | 819.7653 ng/ml |
| Cocaine | 4.217 | 6937540 | 1567.36 | 54.7 | 925.49 | 588793 | 1000.3083 ng/ml |
| Codeine | 2.512 | 524814 | 7695.85 | 101.8 | 296.28 | 62220 | 551.3694 ng/ml |
| Cyclobenzaprine | 5.598 | 8601189 | 104864.82 | 6.9 | 11650.86 | 297810 | 1081.8708 ng/ml |
| Dextromethorphan | 5.229 | 3760443 | 39837.88 | 77.4 | 1115.49 | 171045 | 984.3677 ng/ml |
| Dextrorphan | 4.077 | 3609809 | ∞ | 223.9 | 36016.64 | 374512 | 1061.8564 ng/ml |
| Diazepam | 5.905 | 2400896 | ∞ | 87.8 | 217.24 | 132076 | 970.3906 ng/ml |
| Dihydrocodeine | 2.497 | 2380845 | 90876.86 | 61.3 | ∞ | 230044 | 644.2012 ng/ml |
| Diphenhydramine | 5.257 | 21253879 | 2070.58 | 30.6 | 2536.28 | 999019 | 1003.3254 ng/ml |
| Doxylamine | 4.416 | 27157966 | 89708.18 | 98.7 | 445345.01 | 1317090 | 884.4411 ng/ml |
| Duloxetine | 5.617 | 394038 | 5262.14 | 14.6 | 891.99 | 19881 | 1070.6703 ng/ml |
| EDDP | 5.222 | 13341788 | 18416.92 | 41.4 | 25821.78 | 635595 | 1090.1113 ng/ml |
| Etizolam | 5.778 | 1582326 | 1975.51 | 26.8 | 2831.41 | 48620 | 1151.9203 ng/ml |
| Fentanyl | 5.028 | 1116819 | 2441.41 | 78.0 | 953929.89 | 388253 | 135.9937 ng/ml |
| Fluorofentanyl | 5.074 | 4230370 | 30081.47 | 37.7 | 47258.76 | 7409 | 104.6496 ng/ml |
| Fluoxetine | 5.685 | 6691012 | 965.19 | 7.7 | 445691.38 | 197300 | 1135.0474 ng/ml |
| Hydrocodone | 2.951 | 4608326 | 1319.16 | 34.2 | 714.49 | 297485 | 880.6976 ng/ml |



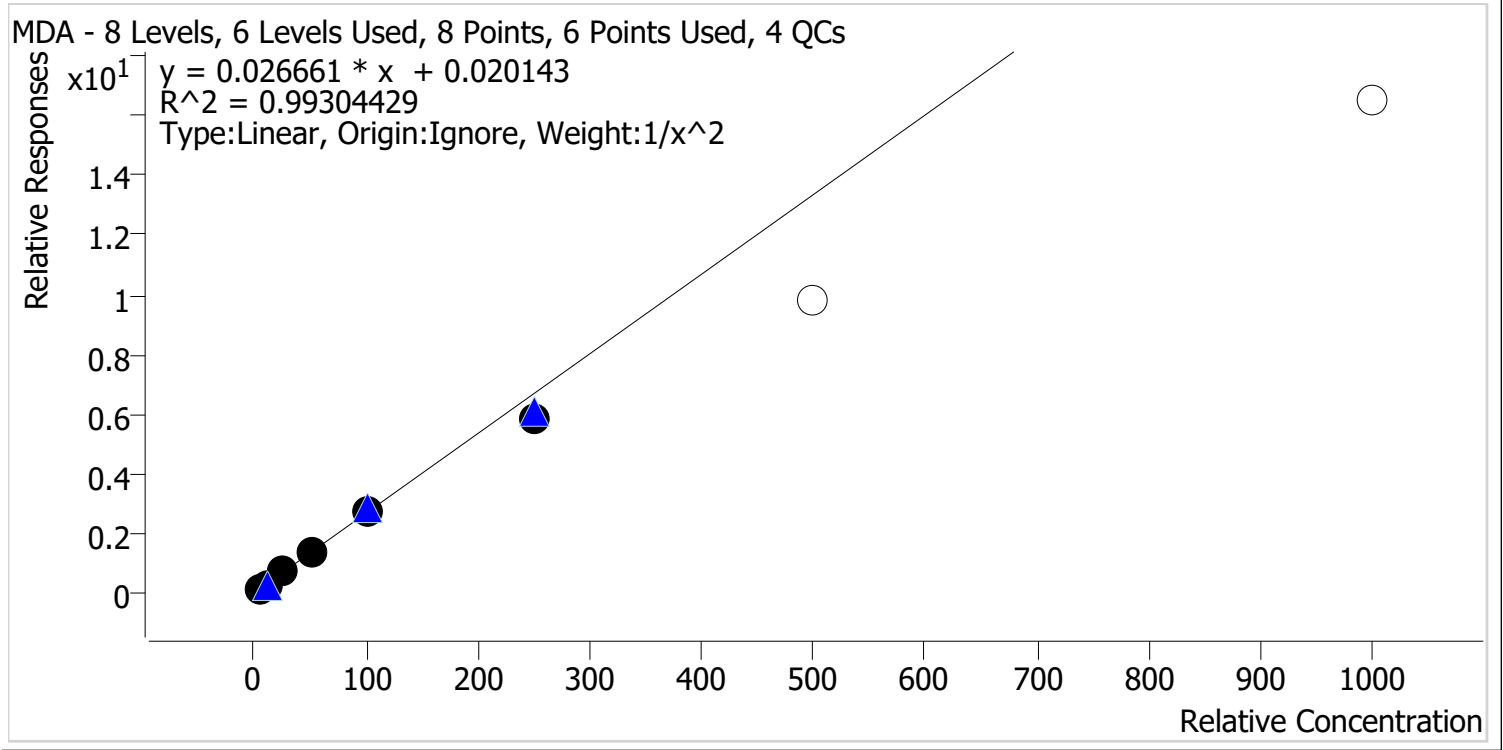
AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|-----------|-------|------------|------------|-----------------|
| Hydromorphone | 1.569 | 4370667 | 1647.23 | 72.5 | 5619019.59 | 128263 | 998.4060 ng/ml |
| Hydroxyzine | 5.661 | 8958023 | 2860.40 | 78.6 | 60975.45 | 171045 | 1327.4178 ng/ml |
| Ketamine | 3.972 | 5638342 | 292485.36 | 37.5 | 71256.23 | 324663 | 802.9364 ng/ml |
| Lamotrigine | 4.220 | 248534 | 536.34 | 87.6 | 263.55 | 630963 | 614.8424 ng/ml |
| Lorazepam | 5.711 | 801161 | 38950.82 | 46.3 | 278.66 | 65500 | 934.8410 ng/ml |
| MDA | 3.129 | 5393681 | 23710.88 | 28.8 | 11898.92 | 330845 | 610.7267 ng/ml |
| MDMA | 3.237 | 7056798 | 5738.67 | 92.0 | 4921.12 | 88910 | 957.3312 ng/ml |
| Meprobamate | 4.848 | 1418214 | 38789.25 | 28.3 | 24552.23 | 155057 | 461.0129 ng/ml |
| Methadone | 5.630 | 17688454 | 2245.53 | 45.2 | 2053.61 | 628539 | 970.1642 ng/ml |
| Methamphetamine | 3.164 | 15514785 | 120213.73 | 36.5 | 93278.72 | 1001879 | 702.6057 ng/ml |
| Metoprolol | 4.280 | 1458920 | 1997.15 | 99.0 | 30759.91 | 881820 | 704.5444 ng/ml |
| Mirtazapine | 4.501 | 19423268 | 188440.82 | 44.0 | 8590.87 | 472836 | 1094.3193 ng/ml |
| Mitragynine | 5.156 | 4256477 | 149985.15 | 34.7 | 287540.46 | 628539 | 1139.3279 ng/ml |
| Morphine | 1.220 | 671179 | ∞ | 34.4 | ∞ | 19358 | 947.5429 ng/ml |
| Norbuprenorphine | 4.957 | 47083 | 54701.12 | 103.3 | 12569.66 | 22471 | 102.1194 ng/ml |
| Nordiazepam | 5.858 | 2397778 | 155267.90 | 63.8 | 12920.21 | 87132 | 959.7335 ng/ml |
| Norfentanyl | 4.043 | 860087 | 18633.22 | 37.1 | 5320.53 | 261747 | 119.9820 ng/ml |
| Norhydrocodone | 3.019 | 786648 | 77.78 | 37.8 | 164.55 | 48427 | 1027.6288 ng/ml |
| Noroxycodone | 2.856 | 3277982 | ∞ | 47.2 | 14111.37 | 124384 | 940.1290 ng/ml |
| O-desmethyl-tramadol | 3.328 | 19884183 | 630258.39 | 5.8 | 40509.72 | 1093940 | 1015.6125 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 9413910 | 151528.27 | 27.9 | 10202.81 | 120058 | 1038.8150 ng/ml |
| Olanzapine | 3.979 | 3453069 | 2446.69 | 60.9 | 1914.18 | 169823 | 610.6526 ng/ml |
| Oxazepam | 5.713 | 1103742 | 219.32 | 75.8 | 234.71 | 65500 | 914.7150 ng/ml |
| Oxycodone | 2.774 | 10128304 | ∞ | 28.0 | 1559.71 | 426481 | 943.2023 ng/ml |
| Oxymorphone | 1.371 | 4313059 | ∞ | 43.7 | ∞ | 153204 | 931.1243 ng/ml |
| Phentermine | 3.726 | 3143672 | 979.88 | 5.9 | 207.90 | 731035 | 653.3614 ng/ml |
| Promethazine | 5.508 | 18815435 | 119555.14 | 30.7 | 112672.31 | 738326 | 1039.2540 ng/ml |
| Pseudoephedrine | 2.535 | 16381222 | 175569.47 | 15.8 | 112425.73 | 630963 | 1151.6419 ng/ml |
| Quetiapine | 5.469 | 12996608 | 37072.48 | 60.6 | 445188.96 | 209491 | 895.1668 ng/ml |
| Sertraline | 5.747 | 1726509 | 505415.93 | 95.0 | 21579.49 | 72968 | 1035.8033 ng/ml |
| Temazepam | 5.795 | 2903726 | 74267.91 | 26.7 | 160.06 | 110119 | 1175.3231 ng/ml |
| Tramadol | 4.192 | 15217472 | ∞ | 3.5 | 379.40 | 881820 | 922.4778 ng/ml |
| Trazodone | 4.897 | 11169985 | 271985.38 | 69.3 | 3971.00 | 533829 | 748.2966 ng/ml |
| Venlafaxine | 5.002 | 18647439 | 231074.35 | 32.8 | ∞ | 902605 | 1071.0979 ng/ml |
| Xylazine | 4.023 | 6186713 | 18783.06 | 50.1 | 23374.77 | 226233 | 1007.1769 ng/ml |
| Zolpidem | 4.673 | 20928583 | 10056.24 | 28.8 | 15782.74 | 983027 | 895.9931 ng/ml |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



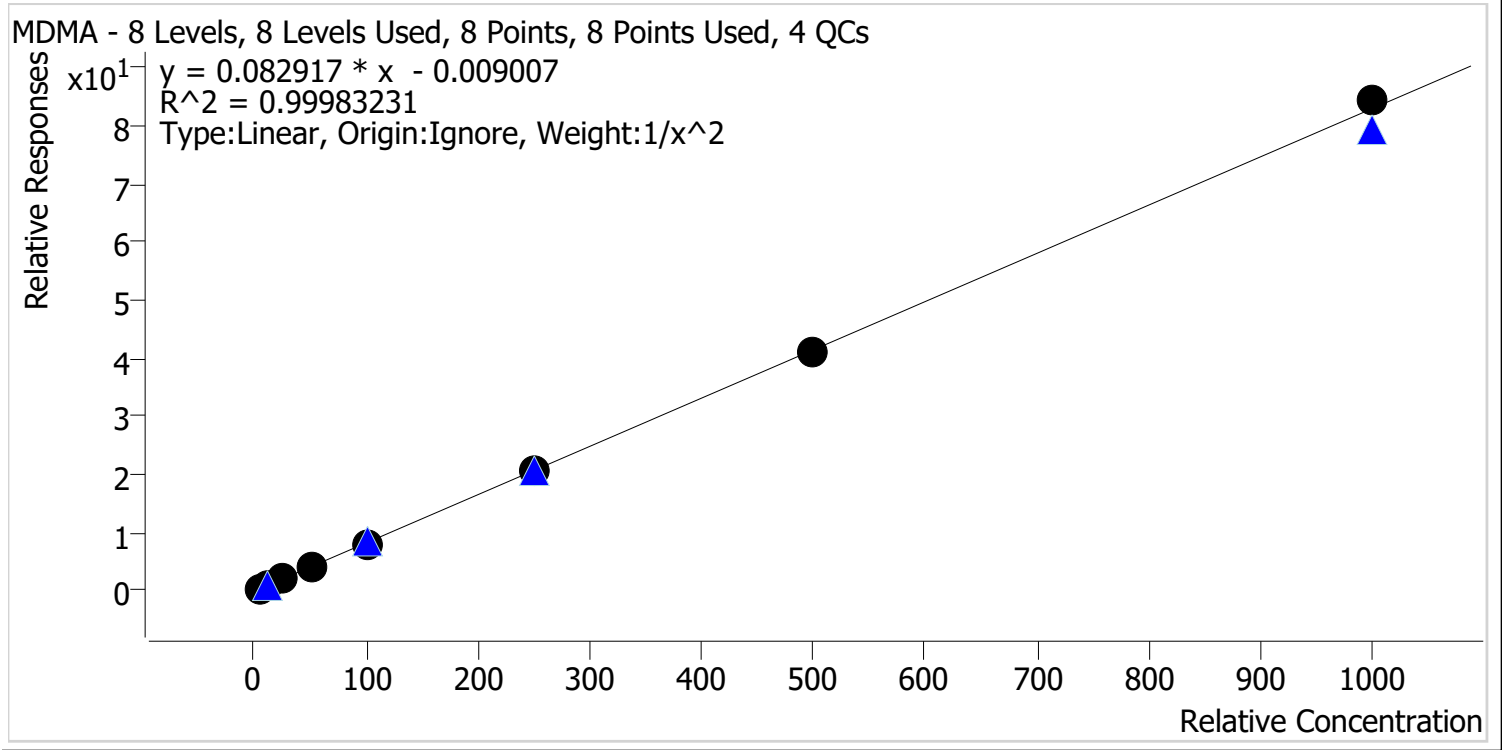
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 99.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.9 | 105.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.7 | 101.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 219.5 | 87.8 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 368.4 | 73.7 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 618.2 | 61.8 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



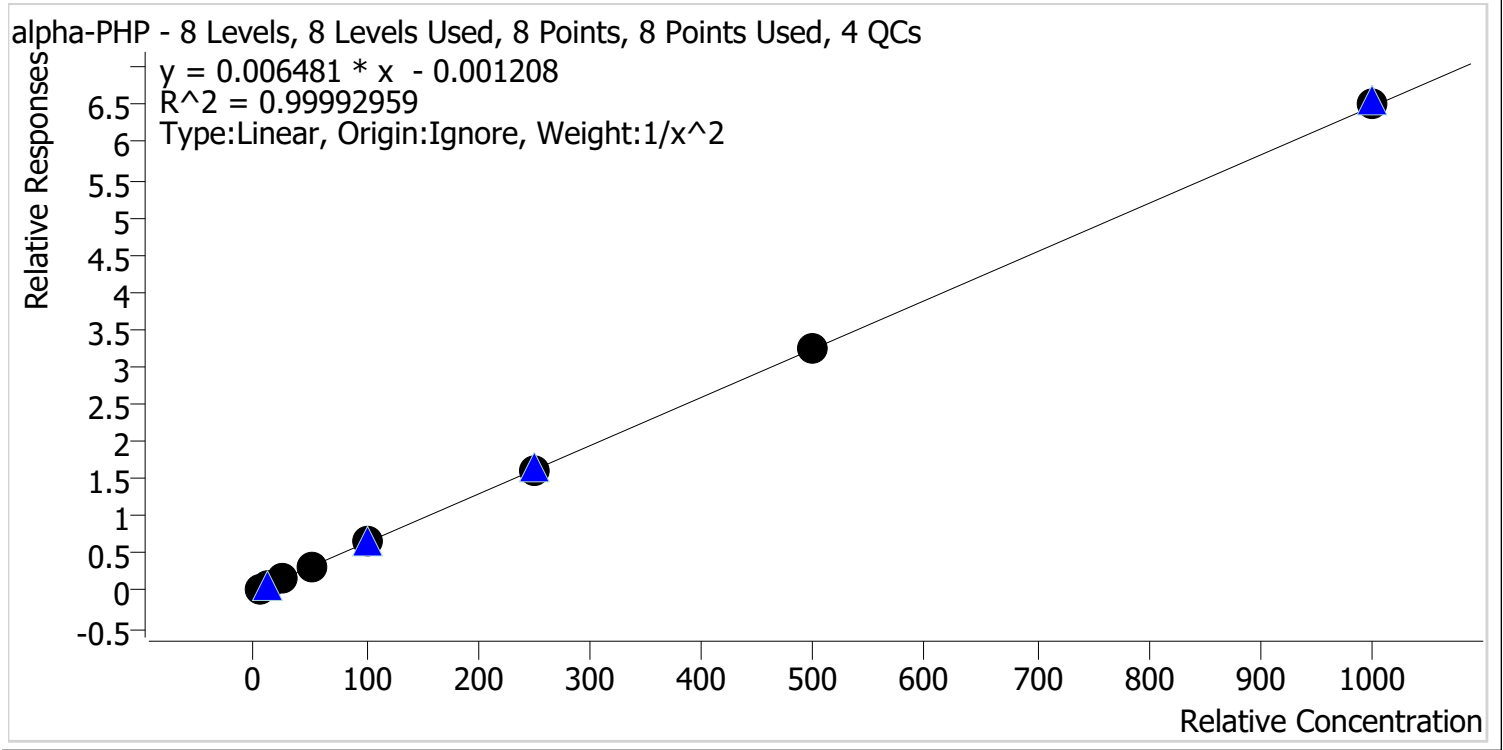
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.5 | 99.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.3 | 100.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 498.8 | 99.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1016.6 | 101.7 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



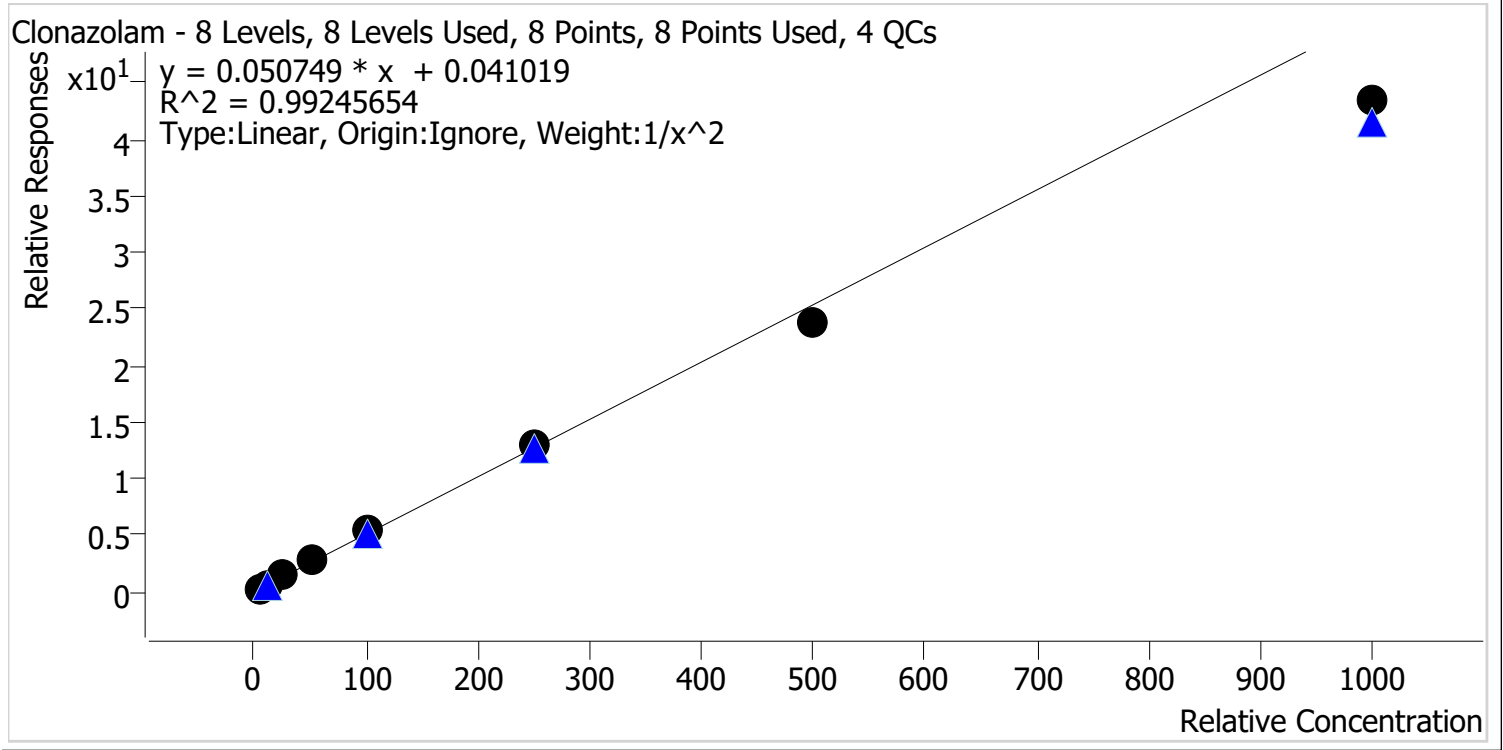
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 100.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.3 | 100.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.4 | 100.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 246.2 | 98.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 498.3 | 99.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1008.7 | 100.9 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

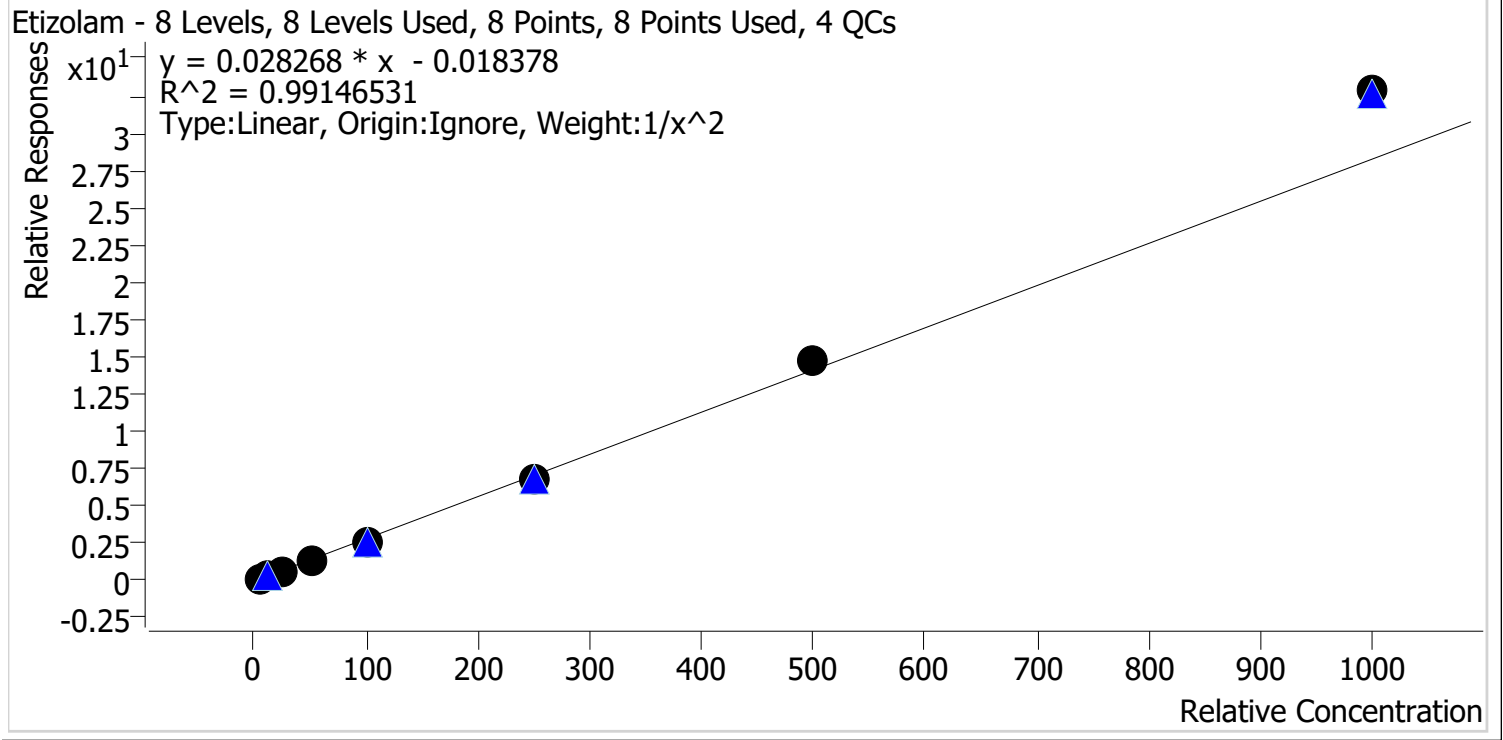


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.3 | 106.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 107.8 | 107.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.8 | 101.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 470.7 | 94.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 855.7 | 85.6 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



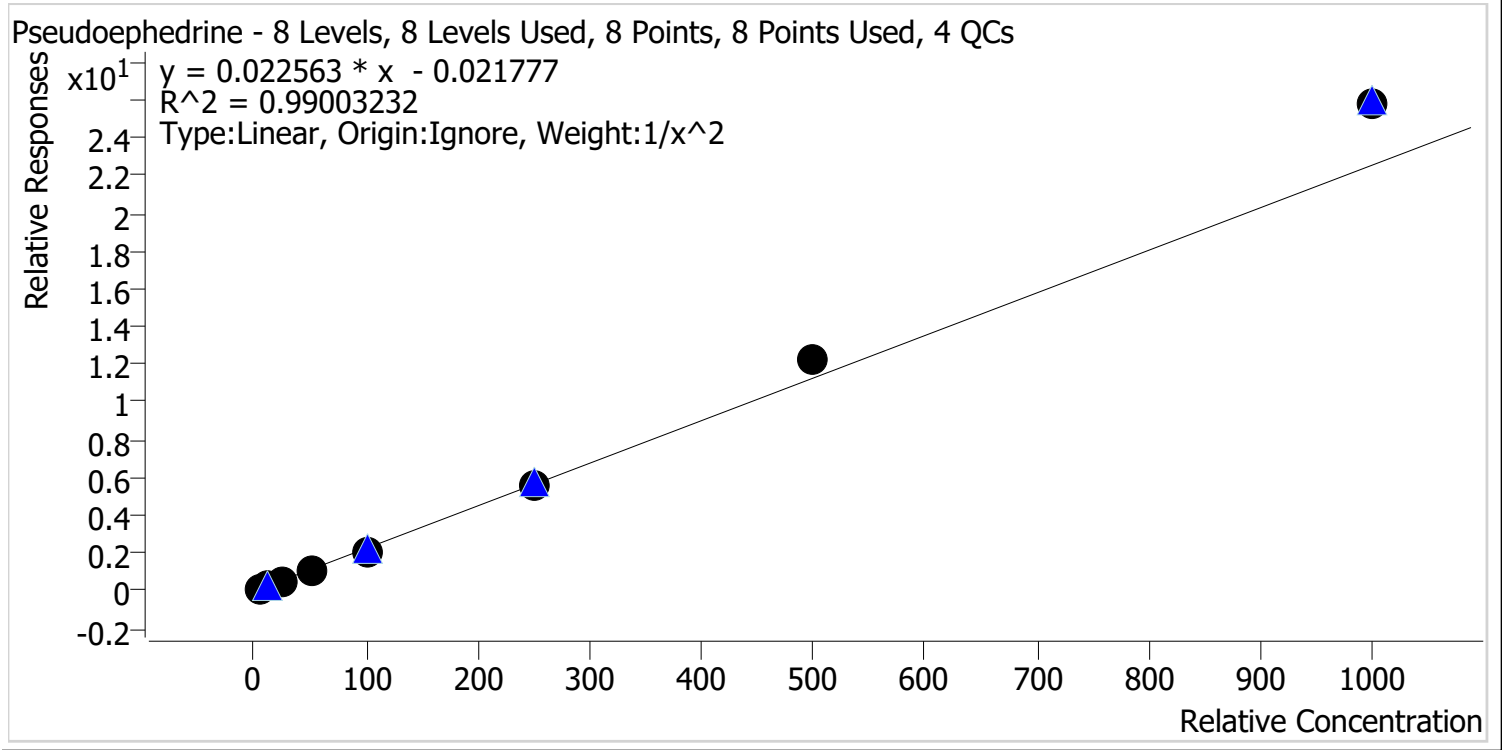
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.4 | 93.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 46.5 | 93.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 93.3 | 93.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 244.7 | 97.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 522.1 | 104.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1162.4 | 116.2 |



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



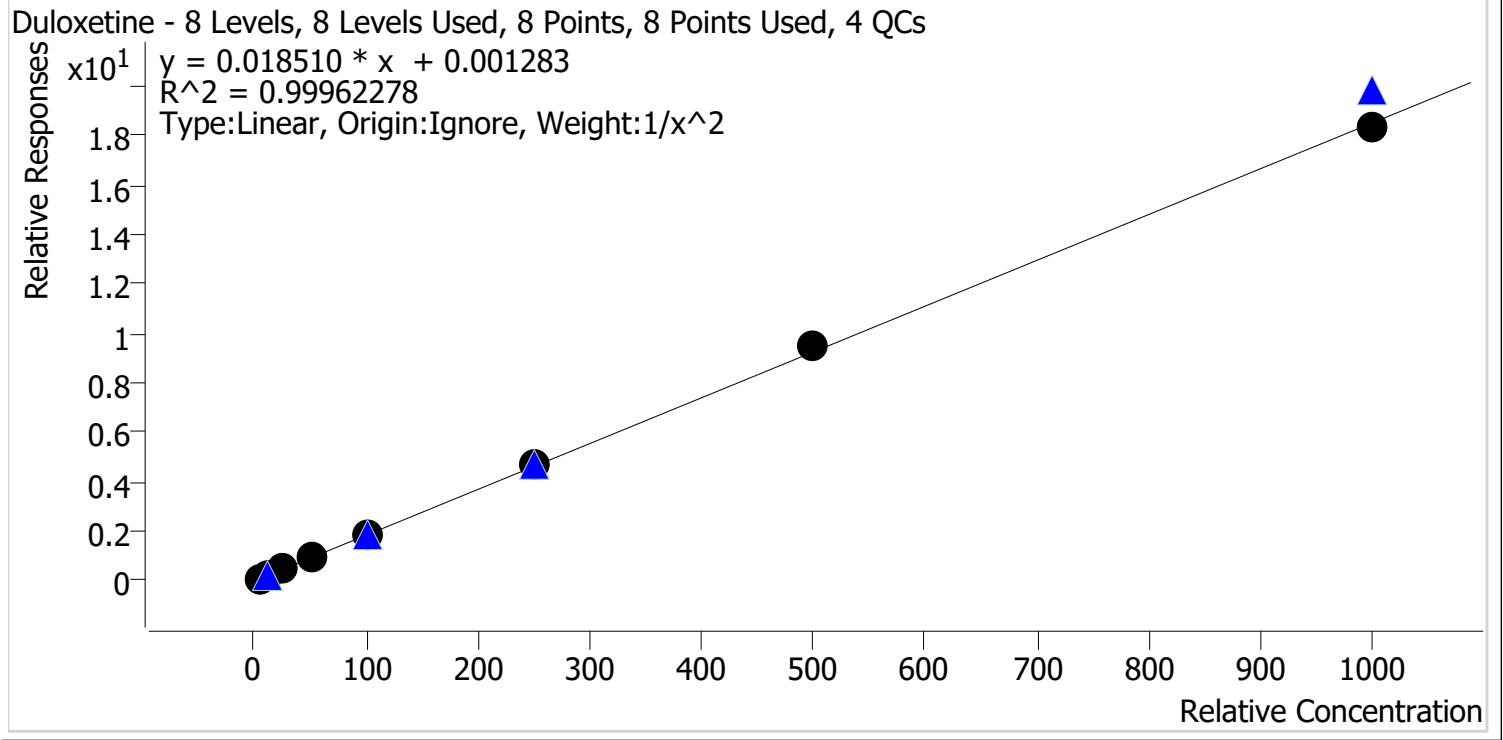
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.3 | 105.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.5 | 94.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 22.9 | 91.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 45.4 | 90.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.1 | 94.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.9 | 100.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 540.8 | 108.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1148.1 | 114.8 |

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



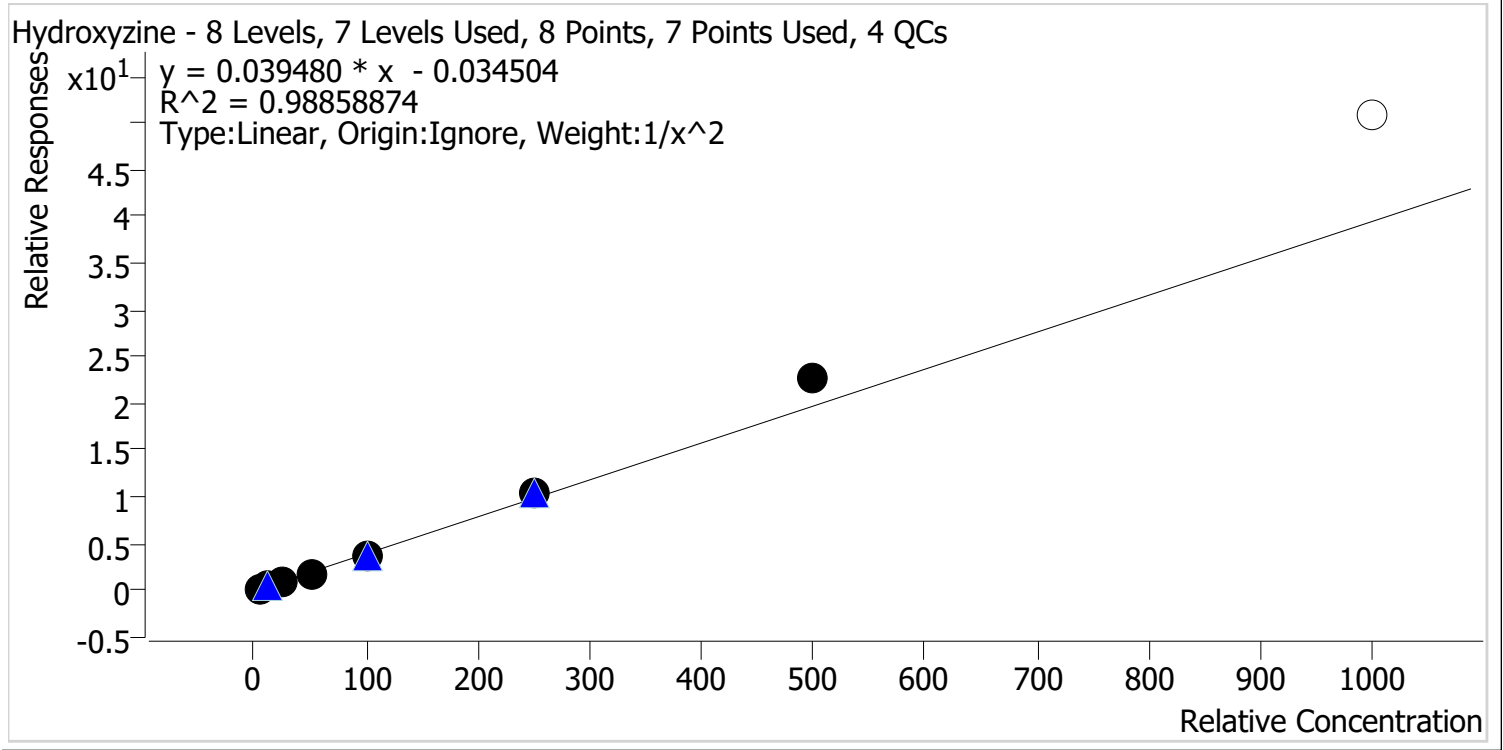
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.6 | 98.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.1 | 100.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.9 | 97.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.6 | 101.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.6 | 103.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 987.9 | 98.8 |

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



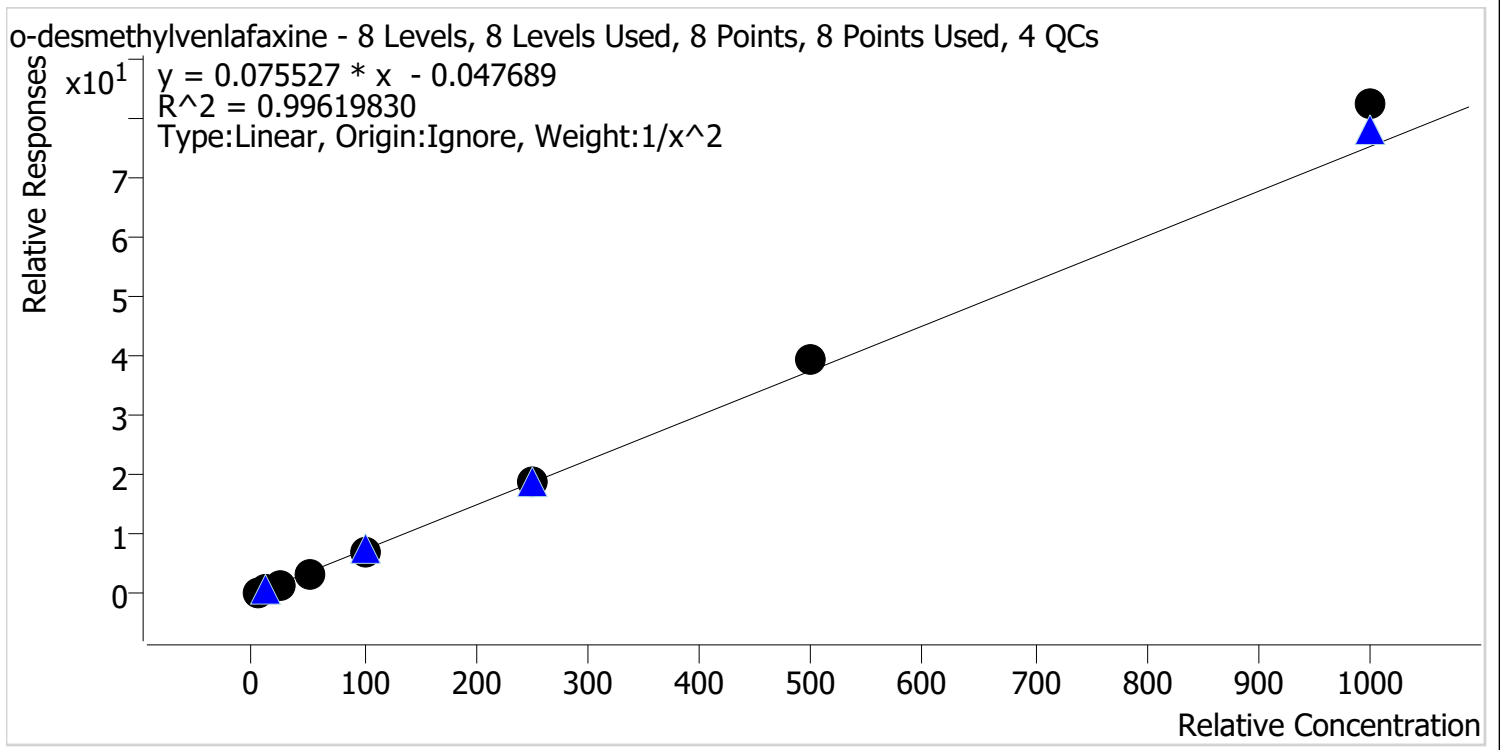
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.5 | 95.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 22.5 | 90.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 46.8 | 93.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.9 | 94.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 262.1 | 104.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 580.9 | 116.2 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 1287.4 | 128.7 |



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 103.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.4 | 94.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 95.6 | 95.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.7 | 99.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 525.9 | 105.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1094.3 | 109.4 |

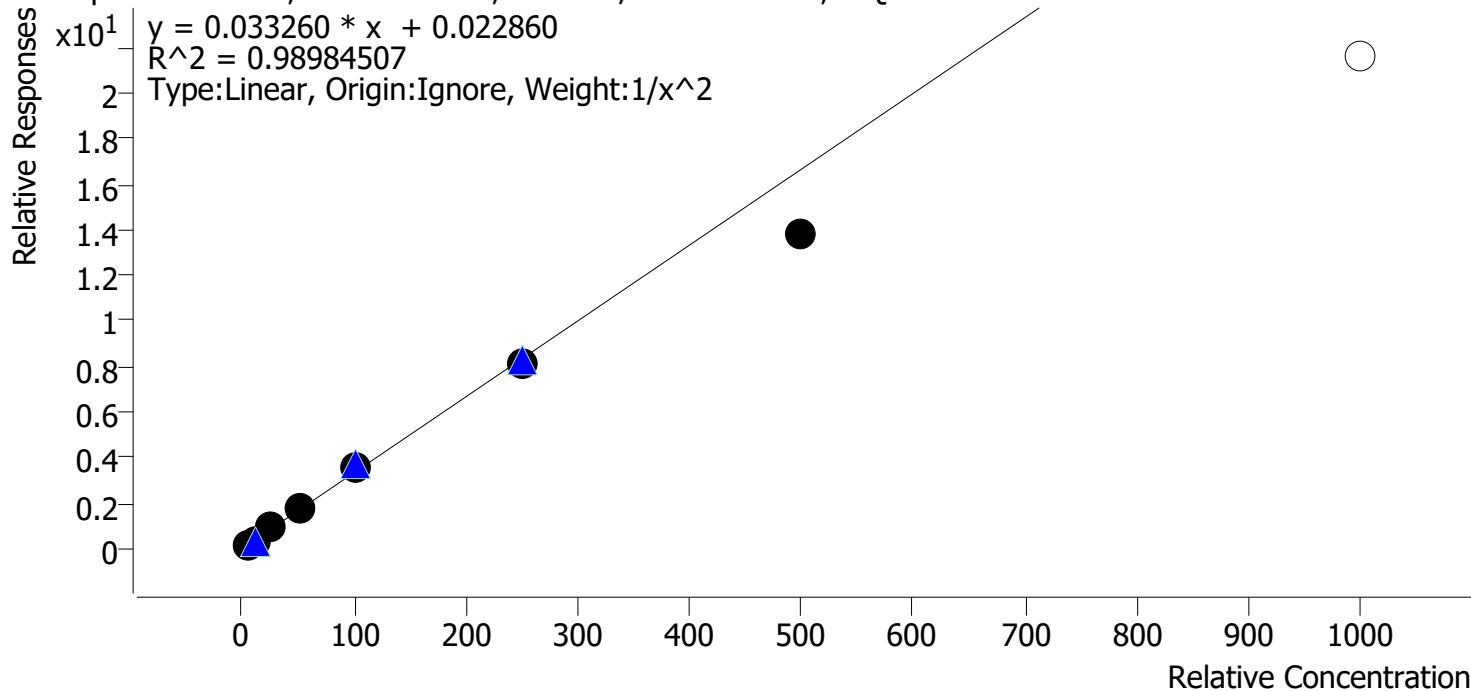
29



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

Olanzapine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



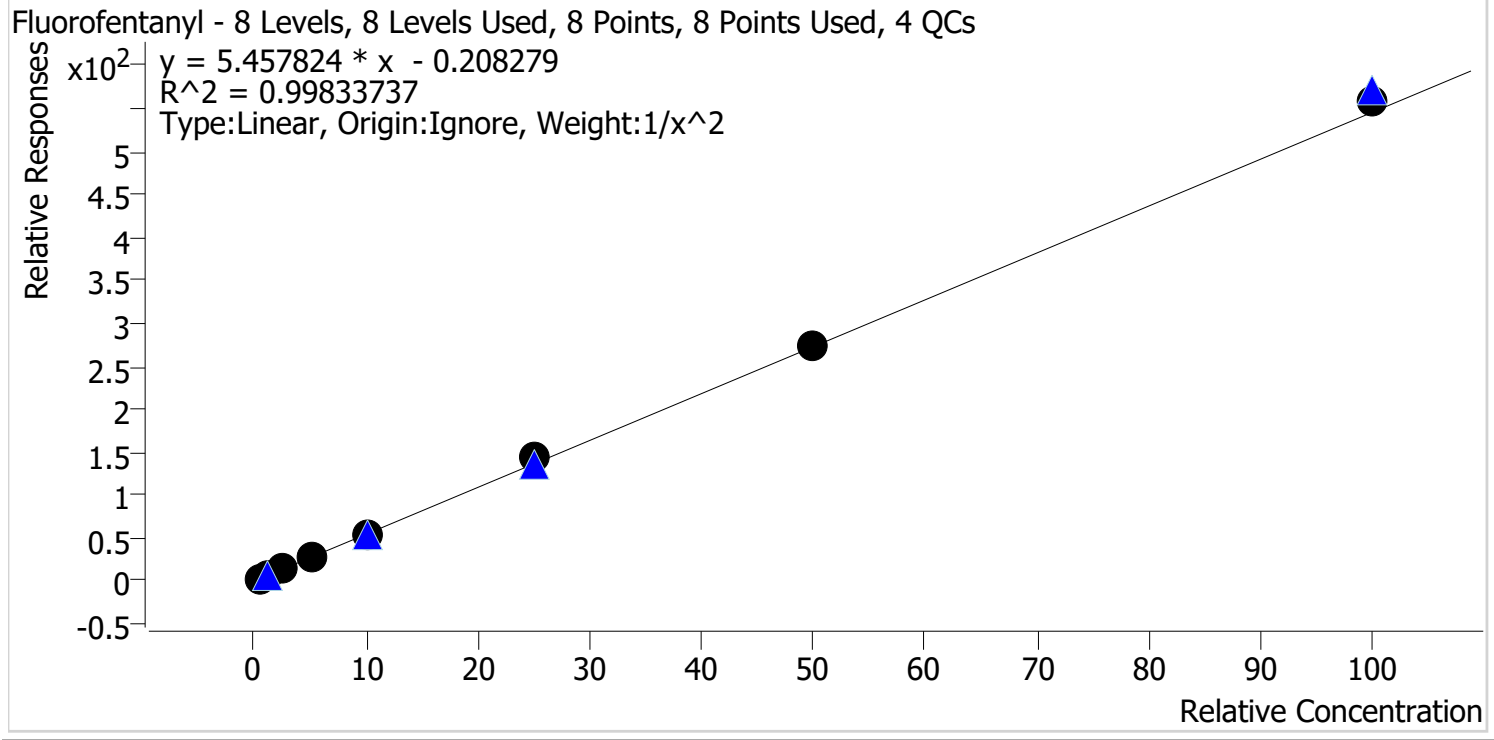
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.6 | 106.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.8 | 107.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.6 | 106.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 245.7 | 98.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 415.2 | 83.0 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 648.6 | 64.9 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



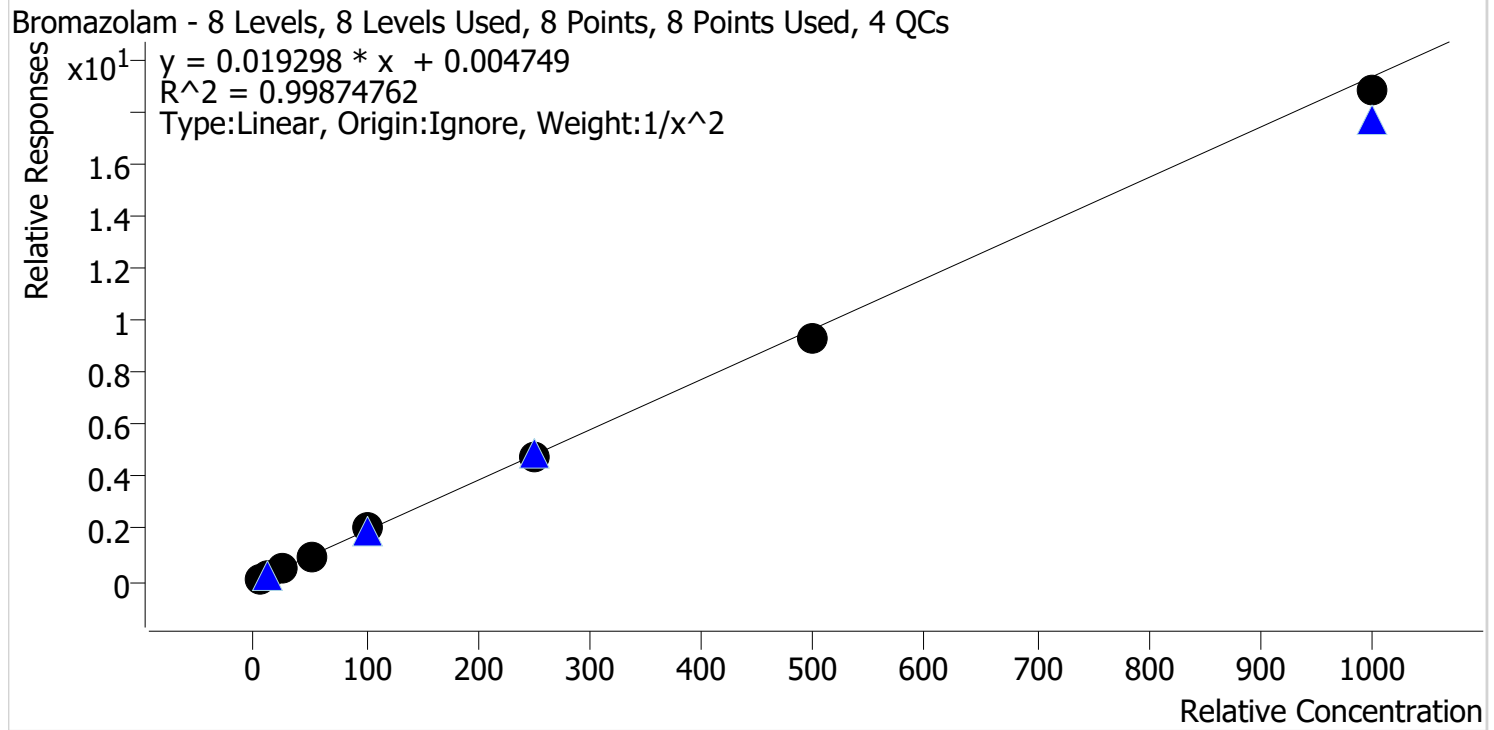
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 100.8 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.0 | 98.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.5 | 101.8 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.7 | 94.9 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.6 | 95.6 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 26.4 | 105.6 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 50.1 | 100.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 102.3 | 102.3 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5



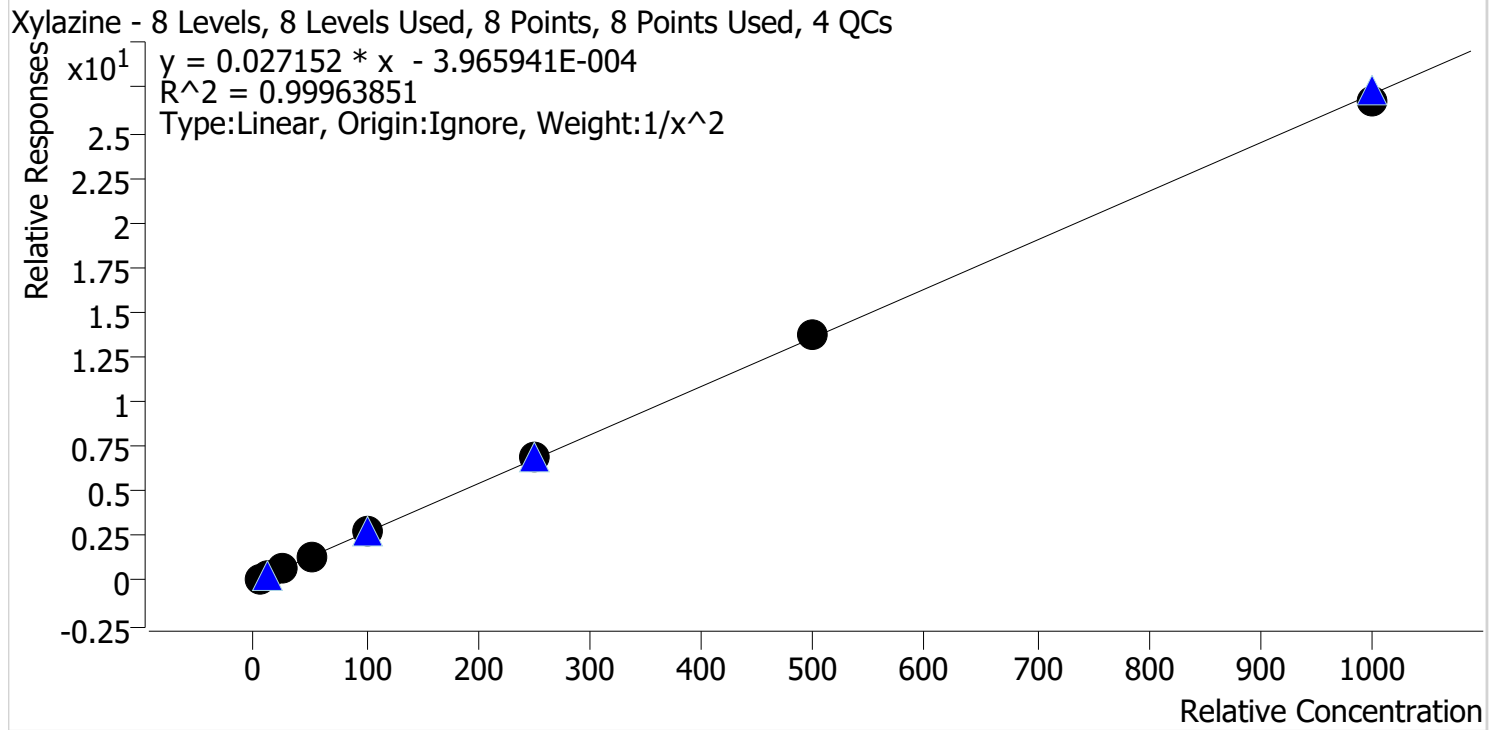
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 102.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.7 | 102.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.8 | 101.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.1 | 104.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 244.7 | 97.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 479.7 | 95.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 972.5 | 97.2 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6



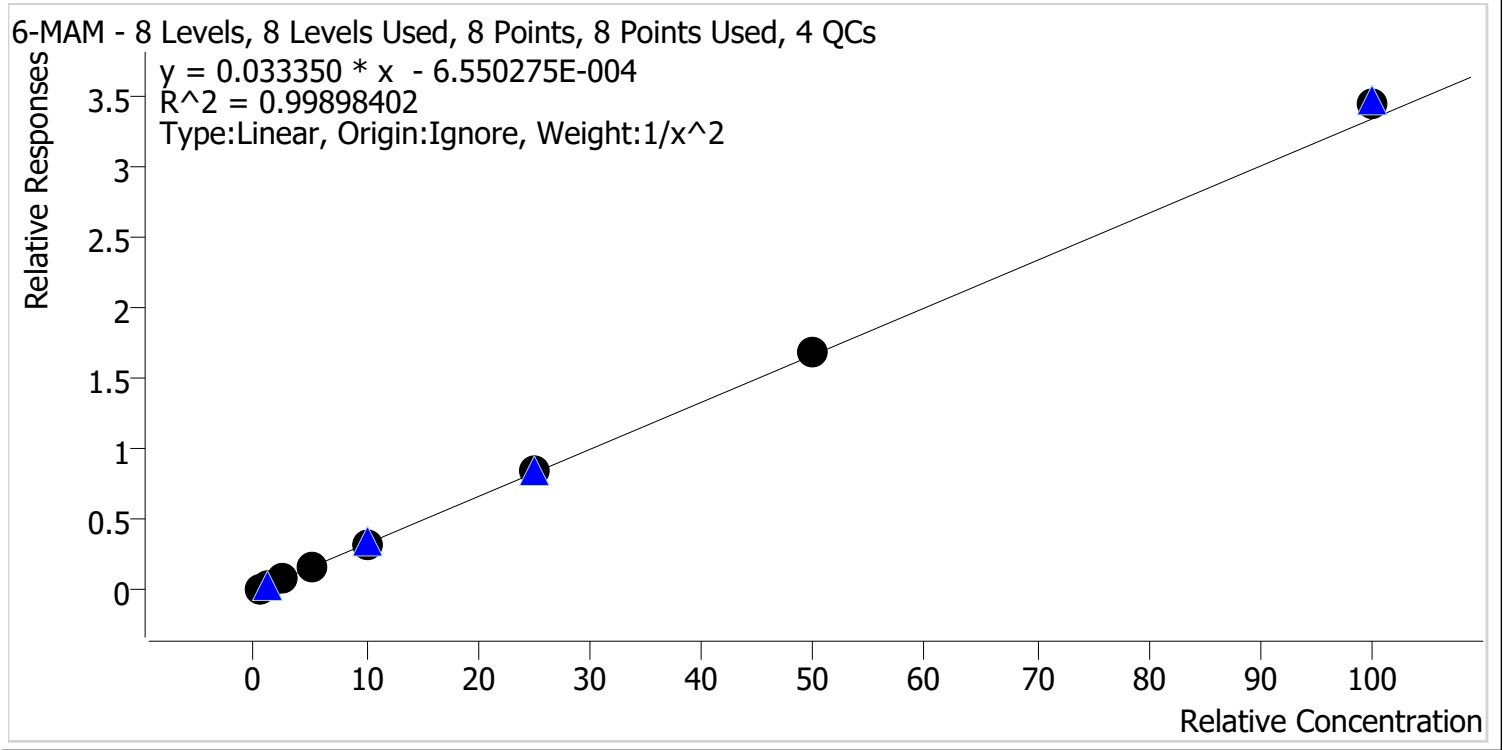
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 97.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 99.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.9 | 97.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.1 | 102.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.8 | 101.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 506.2 | 101.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 987.0 | 98.7 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



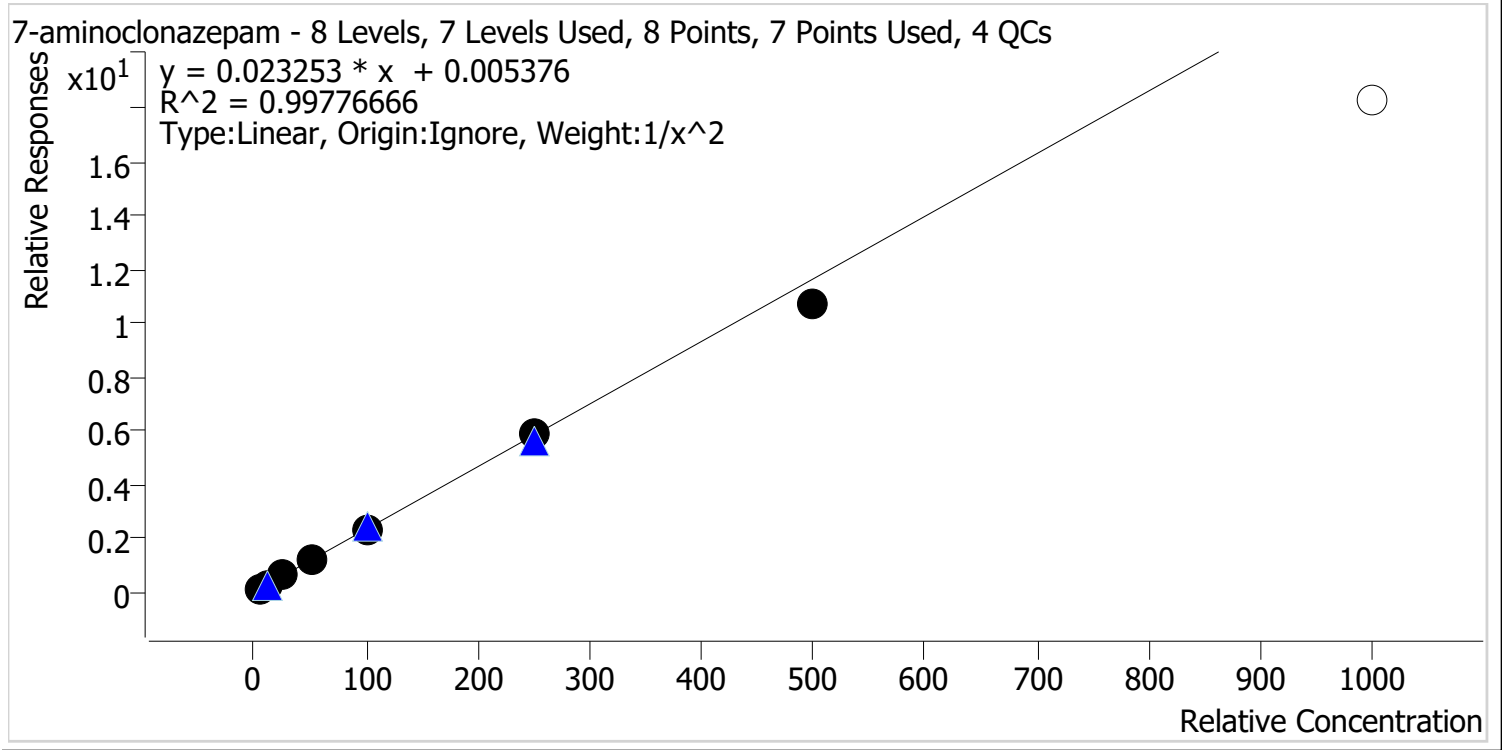
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 102.2 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.0 | 96.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.5 | 99.1 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.8 | 95.8 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.9 | 99.1 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.5 | 102.2 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 50.7 | 101.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 103.5 | 103.5 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

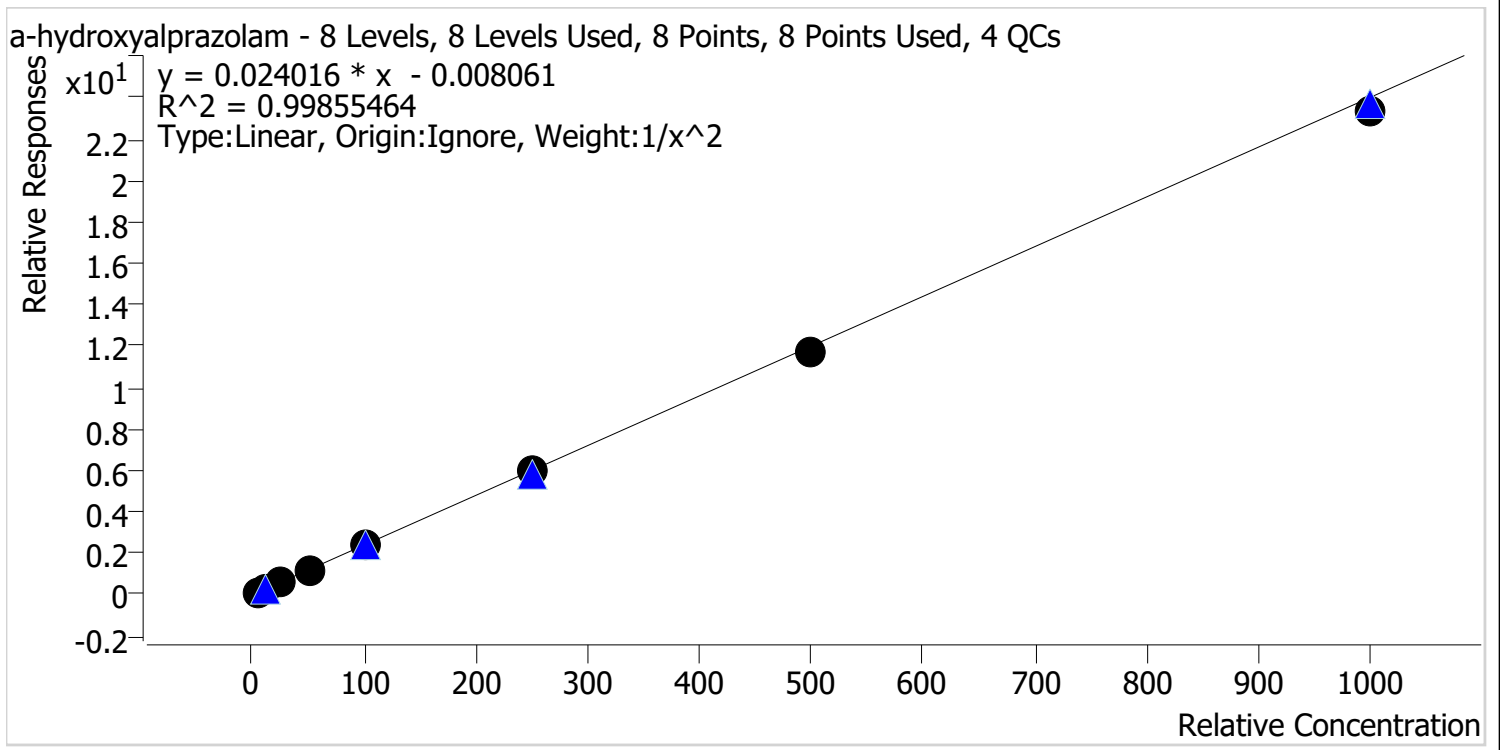


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.1 | 104.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.9 | 101.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.5 | 101.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.2 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 459.3 | 91.9 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 784.8 | 78.5 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.6 | 106.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.6 | 102.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.0 | 101.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 246.9 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 491.5 | 98.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 970.7 | 97.1 |

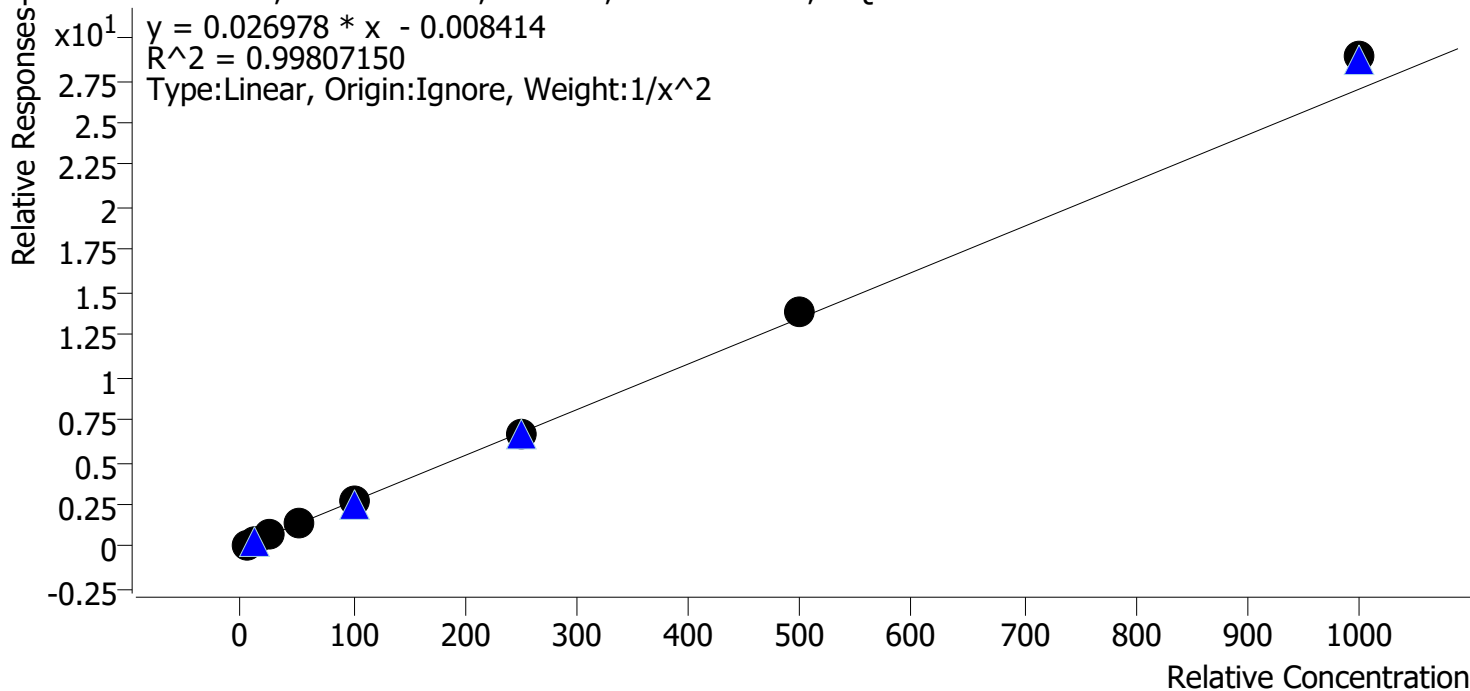
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 97.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.3 | 96.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.6 | 98.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.1 | 97.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 517.7 | 103.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1071.0 | 107.1 |

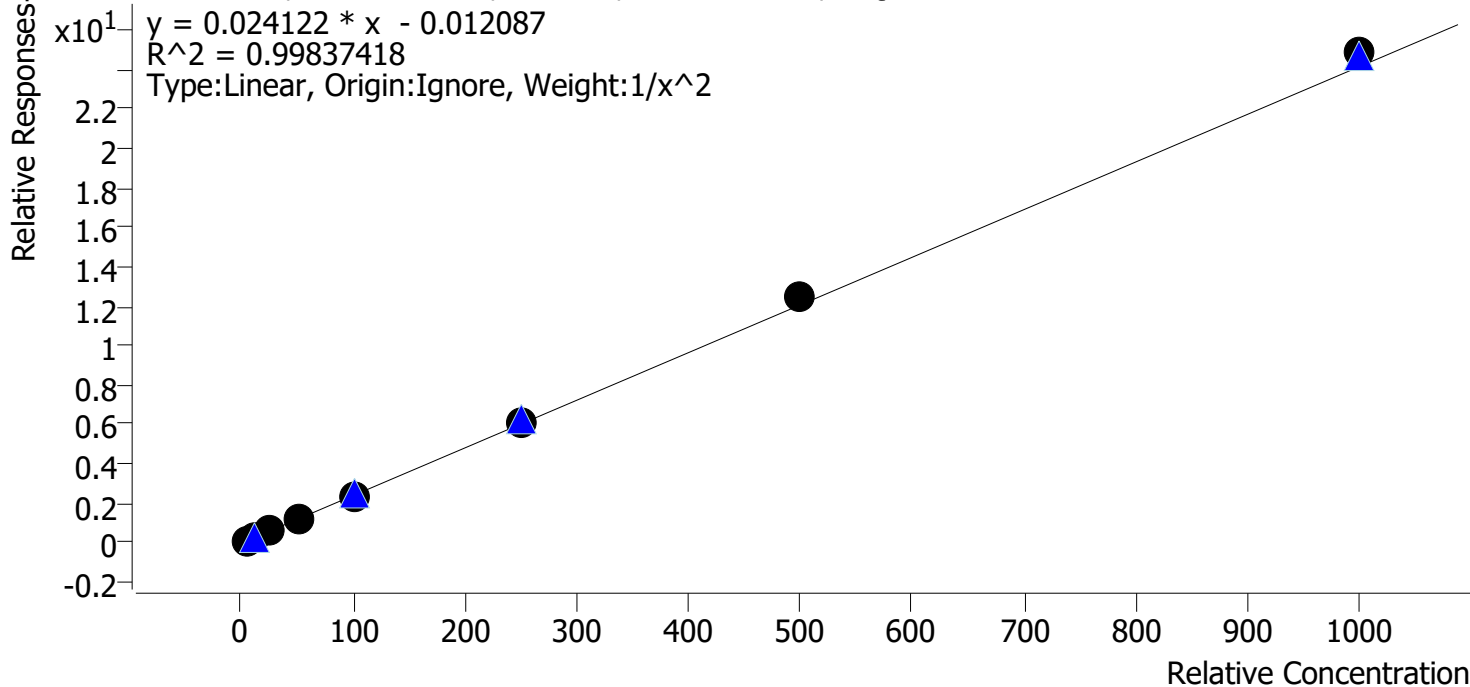
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



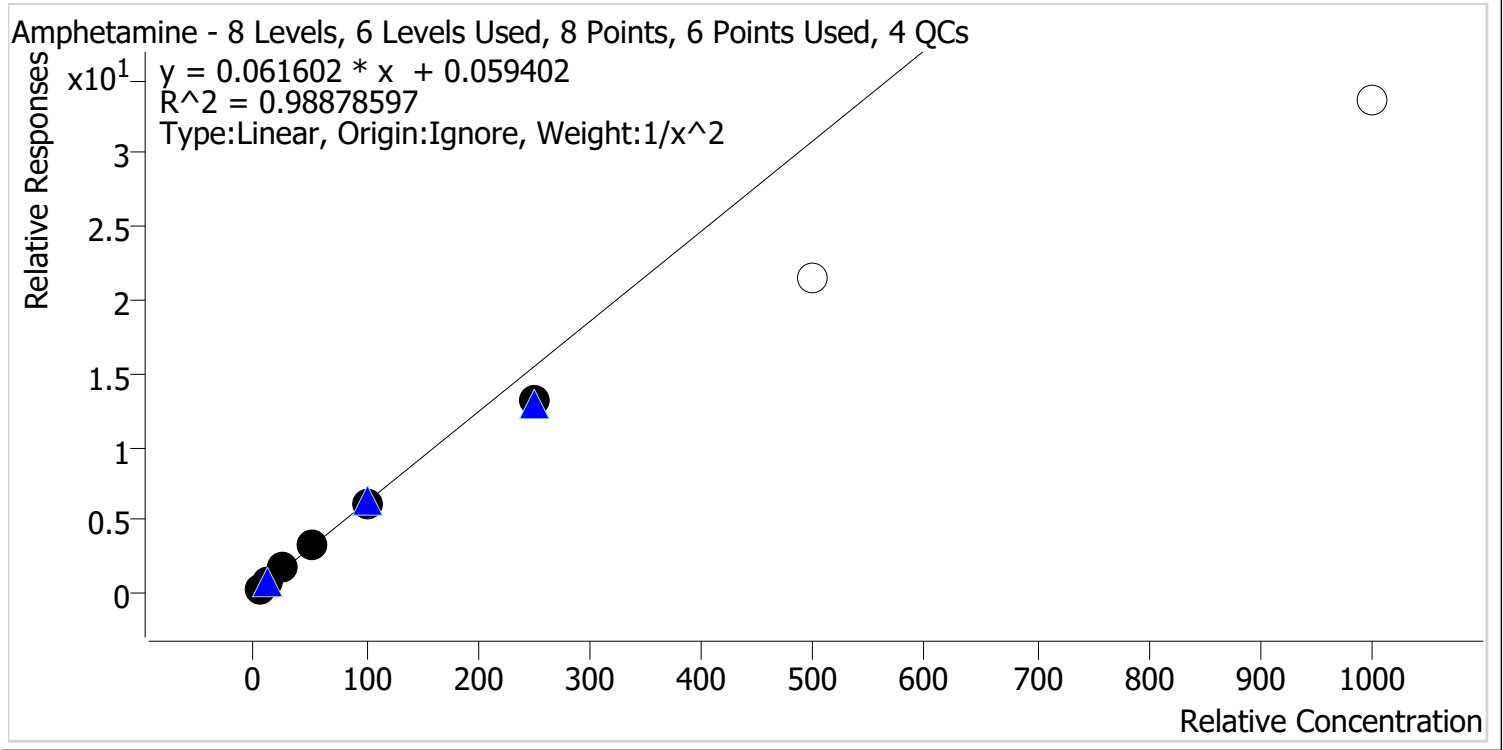
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 96.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.0 | 96.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.9 | 100.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 256.2 | 102.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.2 | 103.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1029.7 | 103.0 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



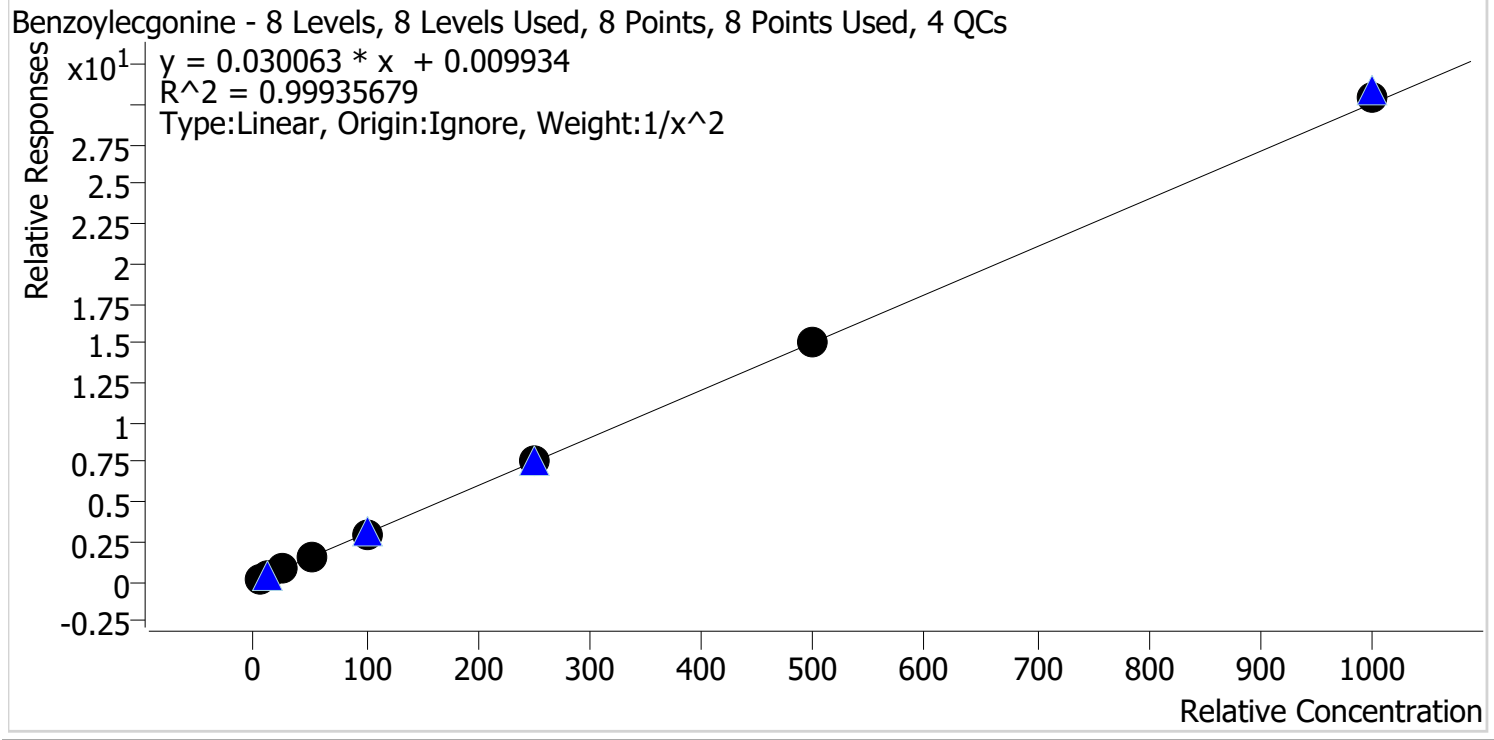
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 103.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.0 | 108.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.8 | 107.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.4 | 99.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 212.7 | 85.1 |
| p1 Cal 7-500ng | 7 | ✗ | 500.0 | 348.8 | 69.8 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 544.1 | 54.4 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



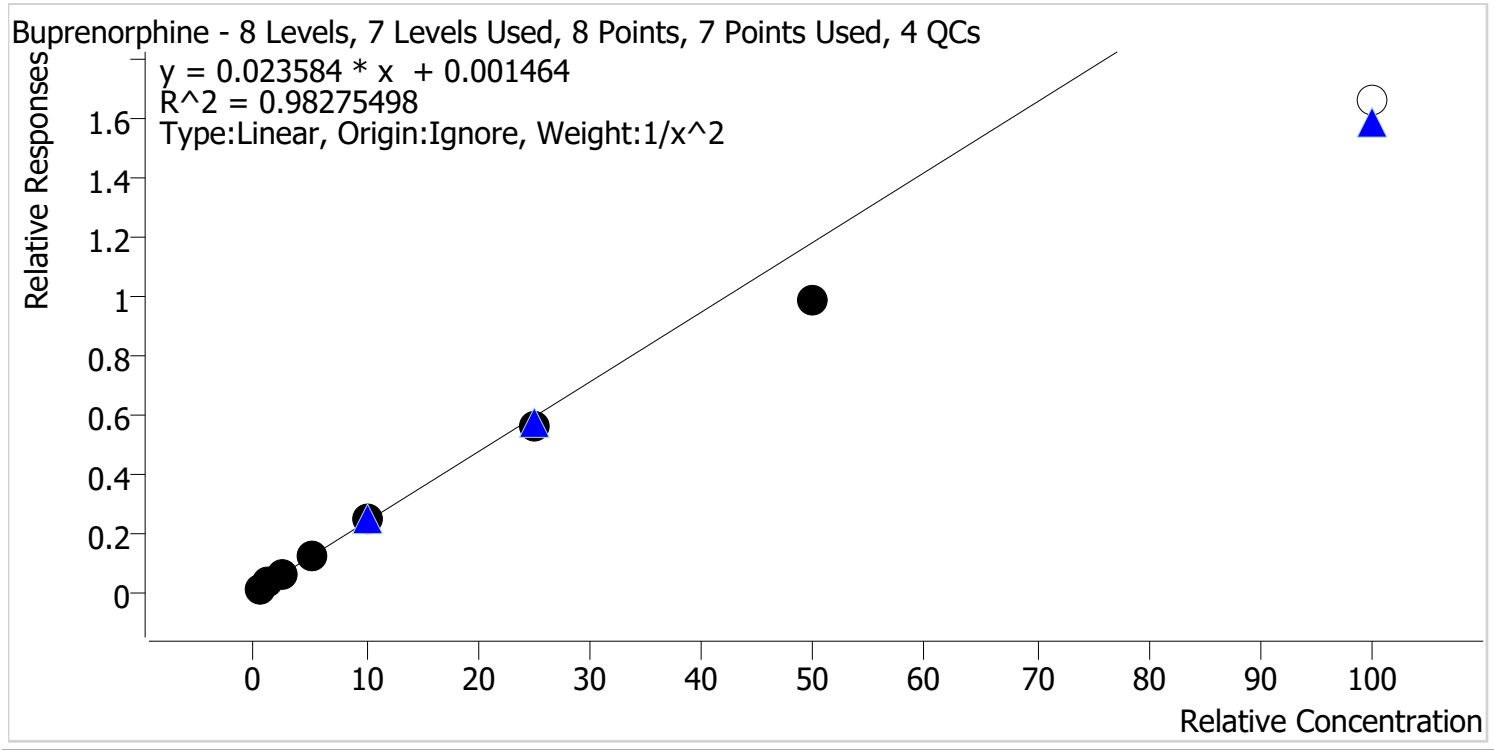
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.5 | 95.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 101.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.9 | 99.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.4 | 99.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.8 | 100.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.0 | 100.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1010.8 | 101.1 |

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datator
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

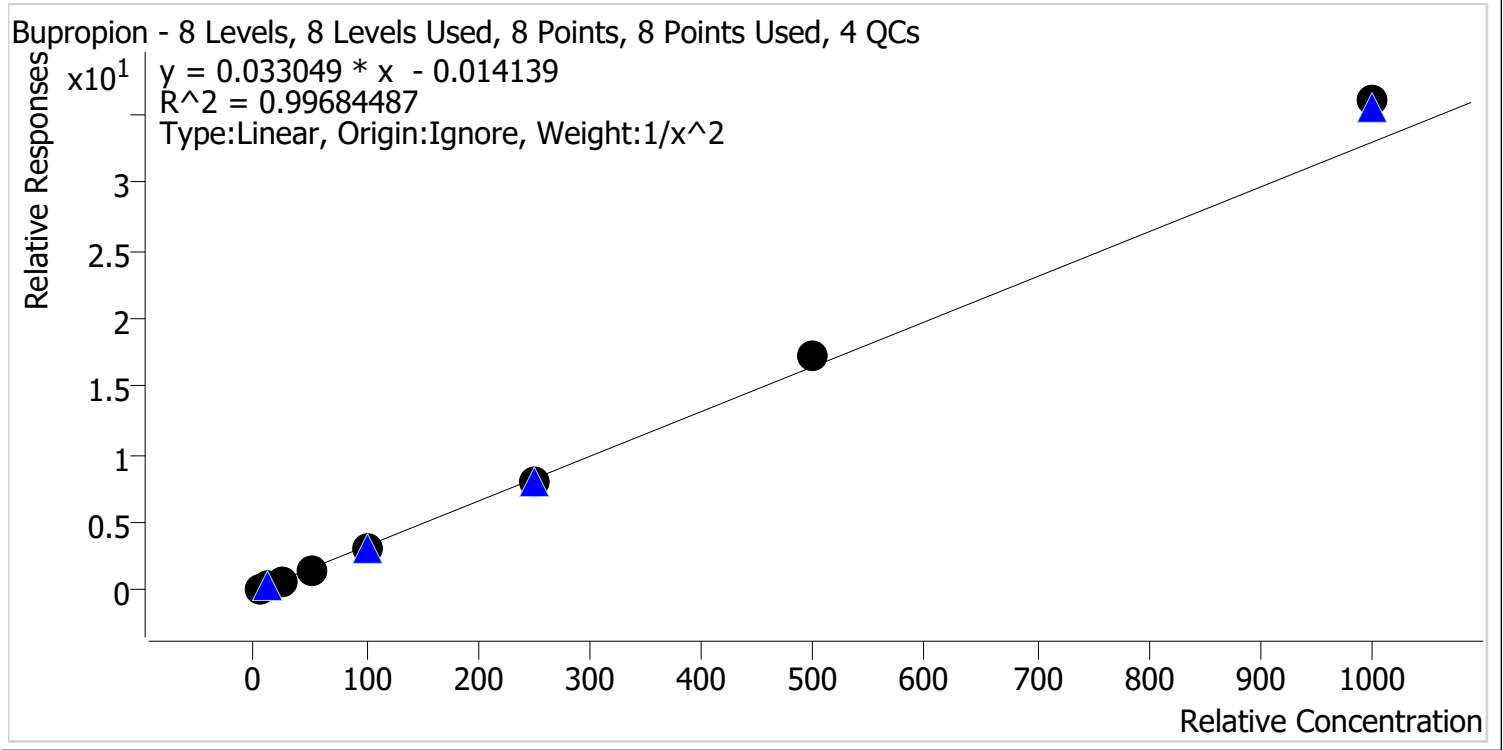


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 90.2 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.2 | 117.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.6 | 103.3 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 5.2 | 104.0 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 10.6 | 106.0 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 23.9 | 95.5 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 41.8 | 83.6 |
| p1 Cal 8-1000ng | 8 | x | 100.0 | 70.2 | 70.2 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

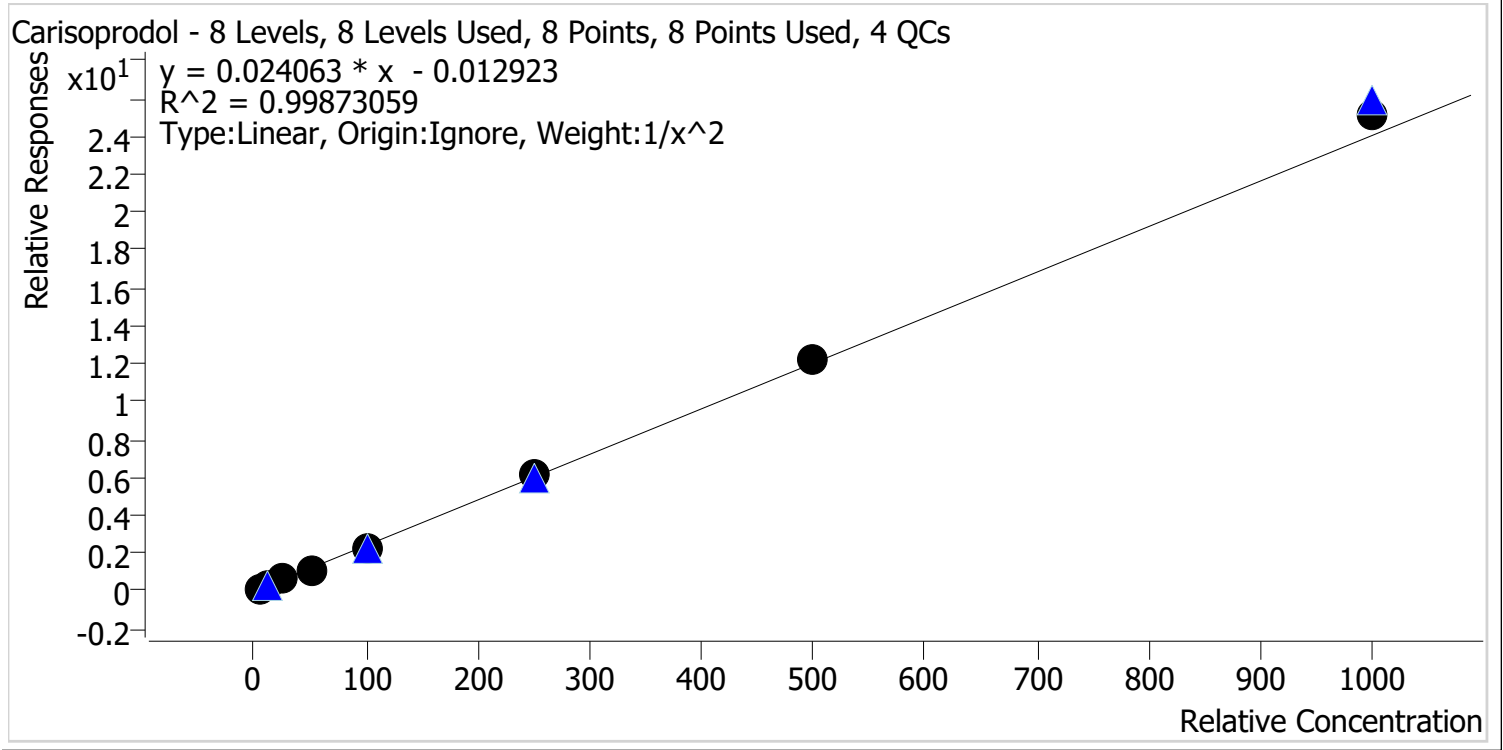


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.5 | 95.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.6 | 96.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 245.9 | 98.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 520.7 | 104.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1092.6 | 109.3 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



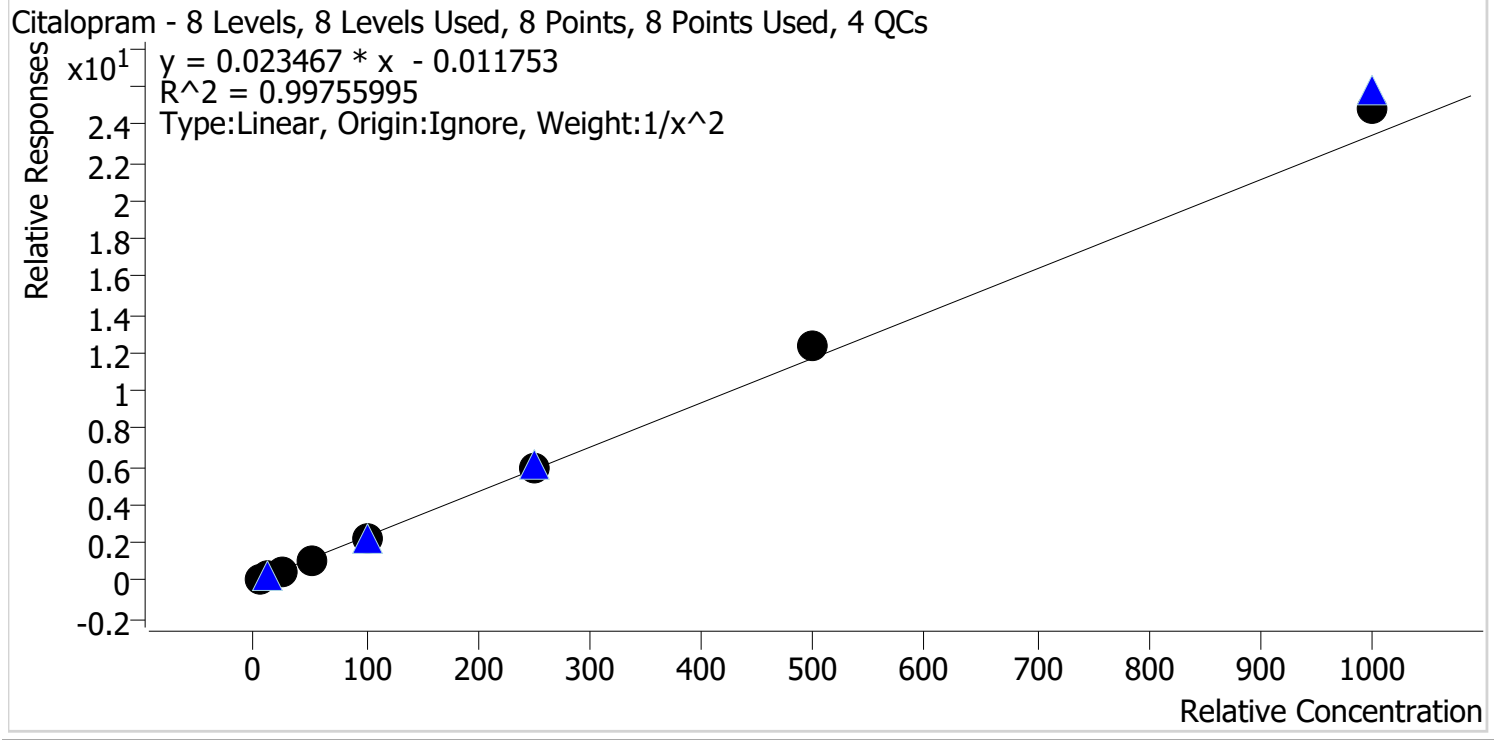
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.3 | 96.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.8 | 96.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.8 | 103.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 507.6 | 101.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1041.6 | 104.2 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



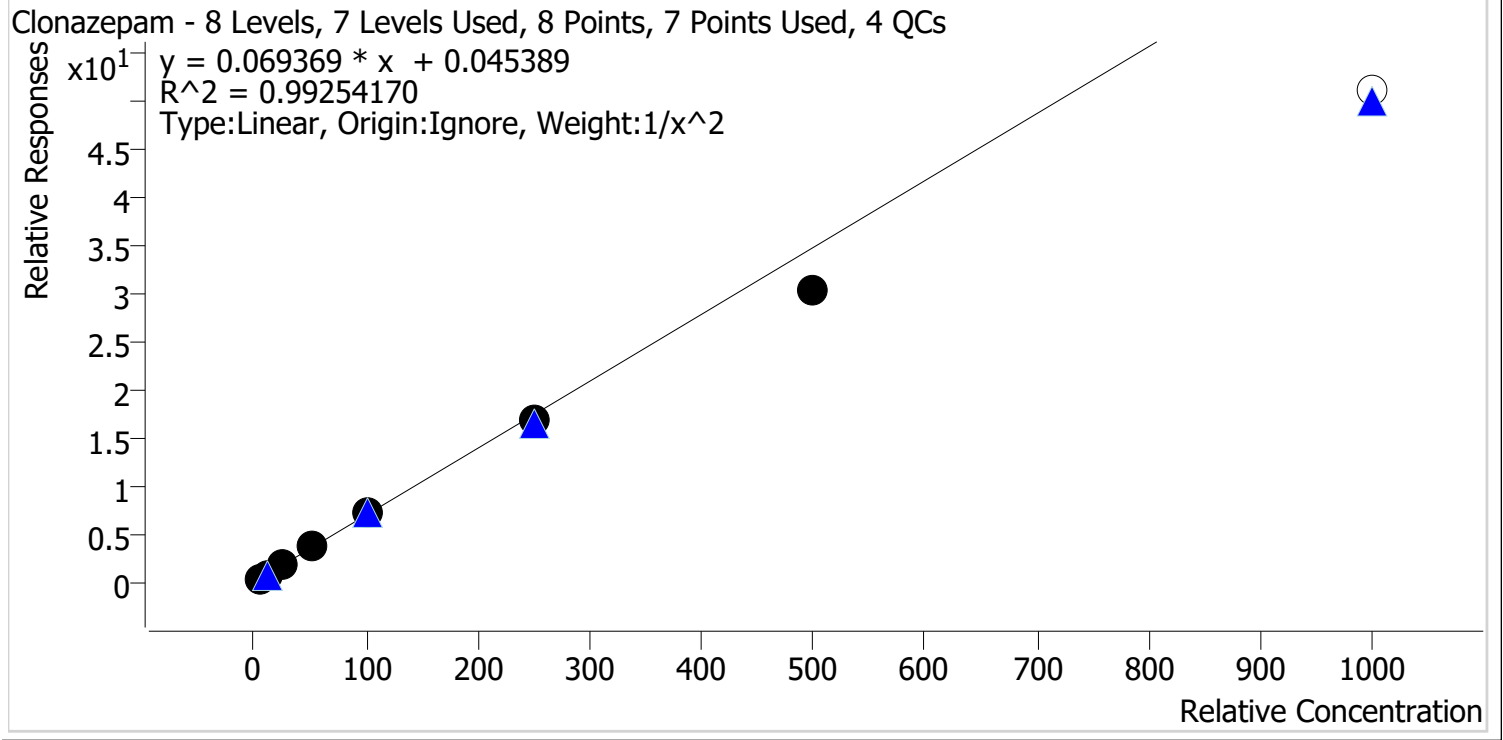
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 96.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.5 | 95.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.2 | 99.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 526.7 | 105.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1060.2 | 106.0 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



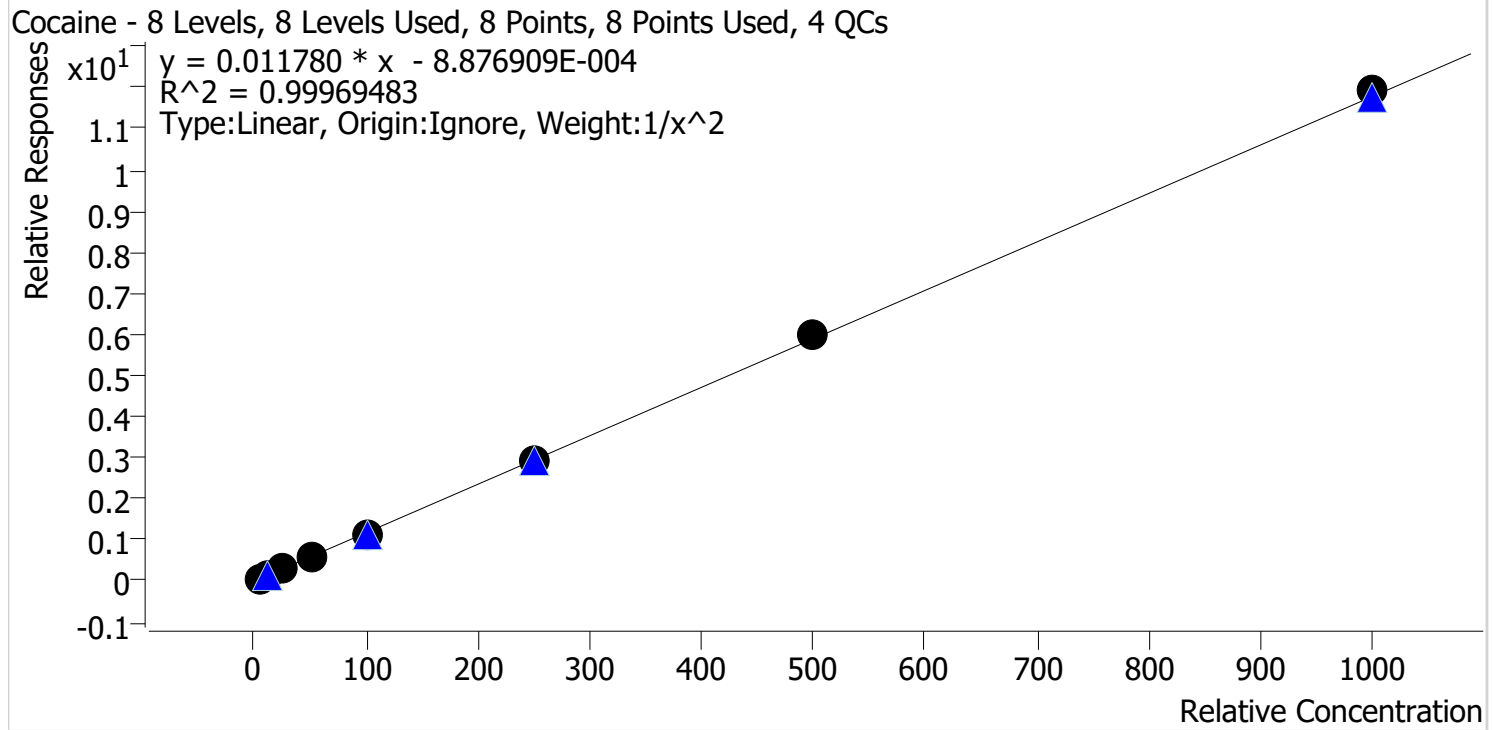
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.0 | 108.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.5 | 104.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.2 | 106.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 240.9 | 96.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 433.4 | 86.7 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 734.4 | 73.4 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.8 | 97.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.4 | 98.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.0 | 100.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 511.7 | 102.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1012.4 | 101.2 |

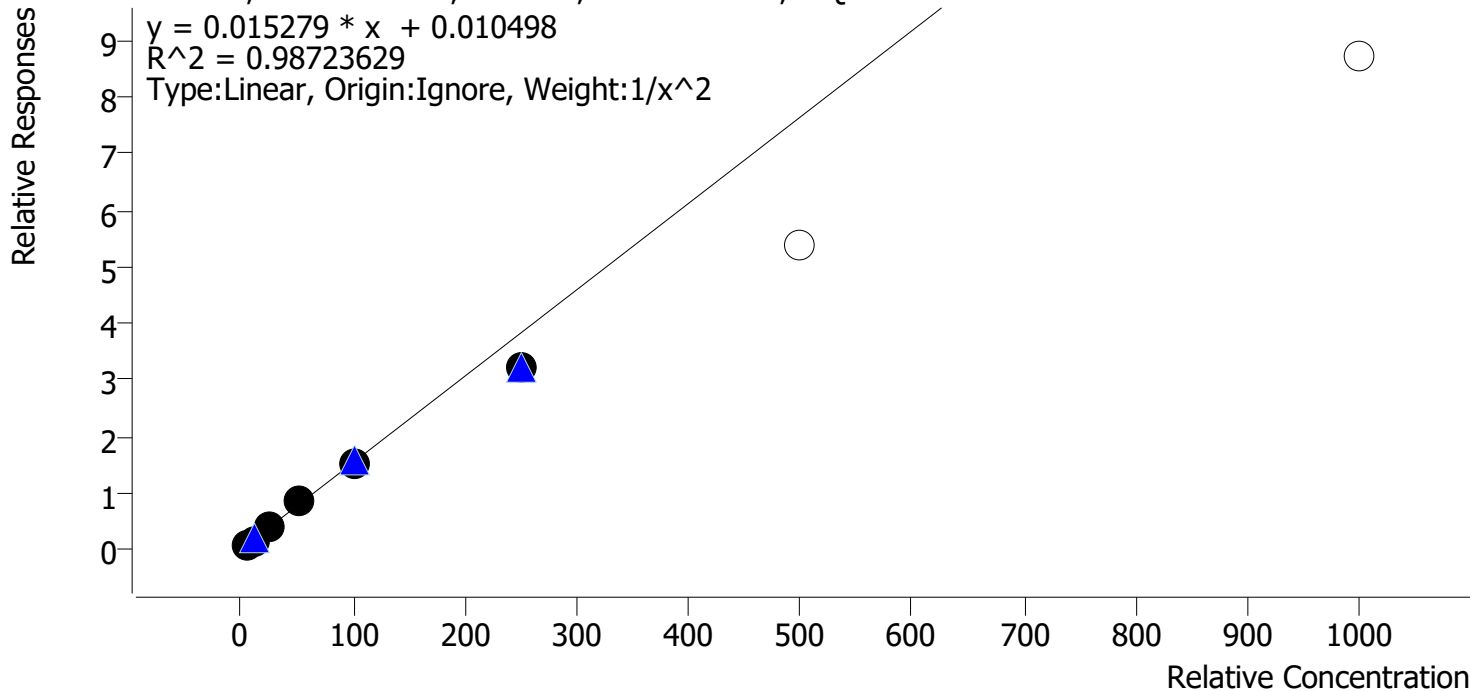
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



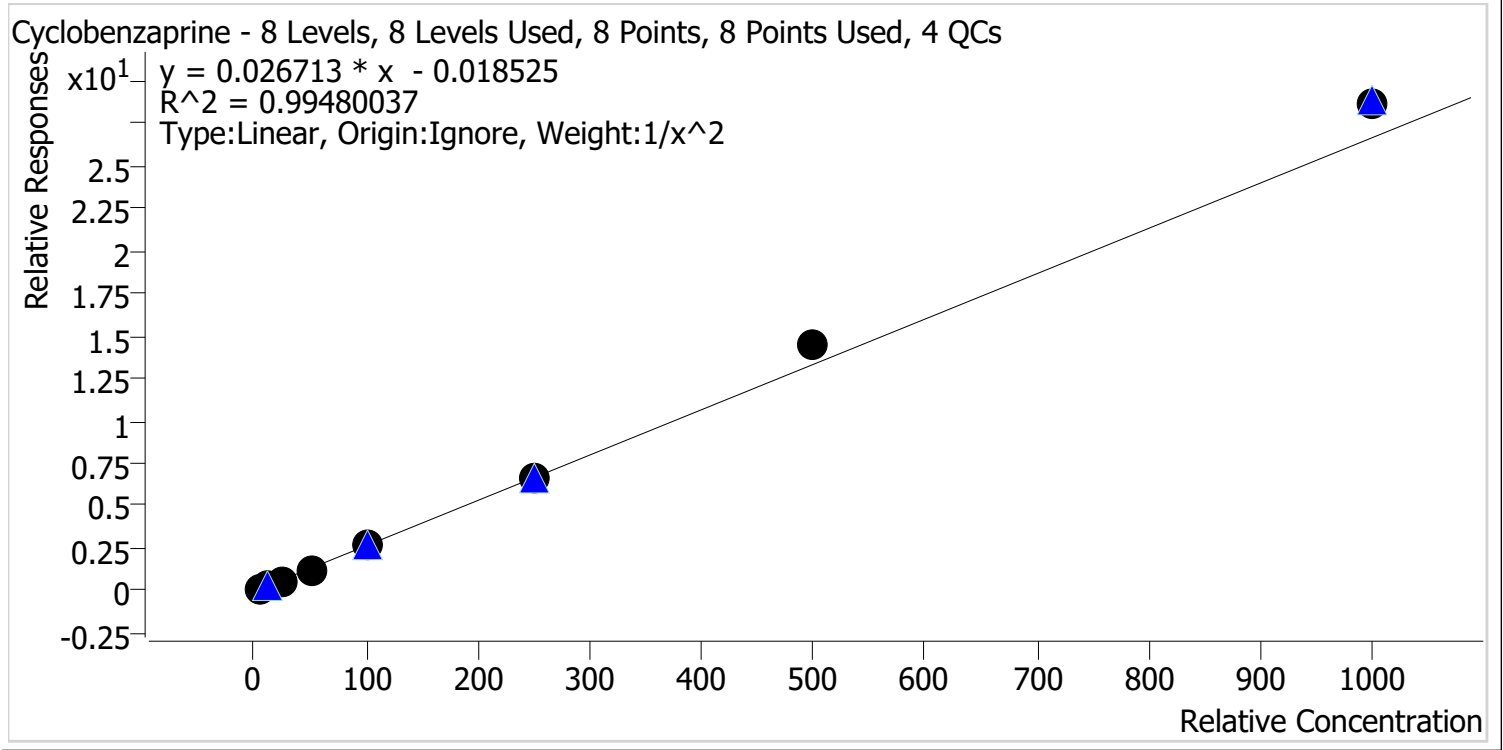
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.3 | 109.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.9 | 107.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.1 | 100.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 209.6 | 83.8 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 350.1 | 70.0 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 569.9 | 57.0 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



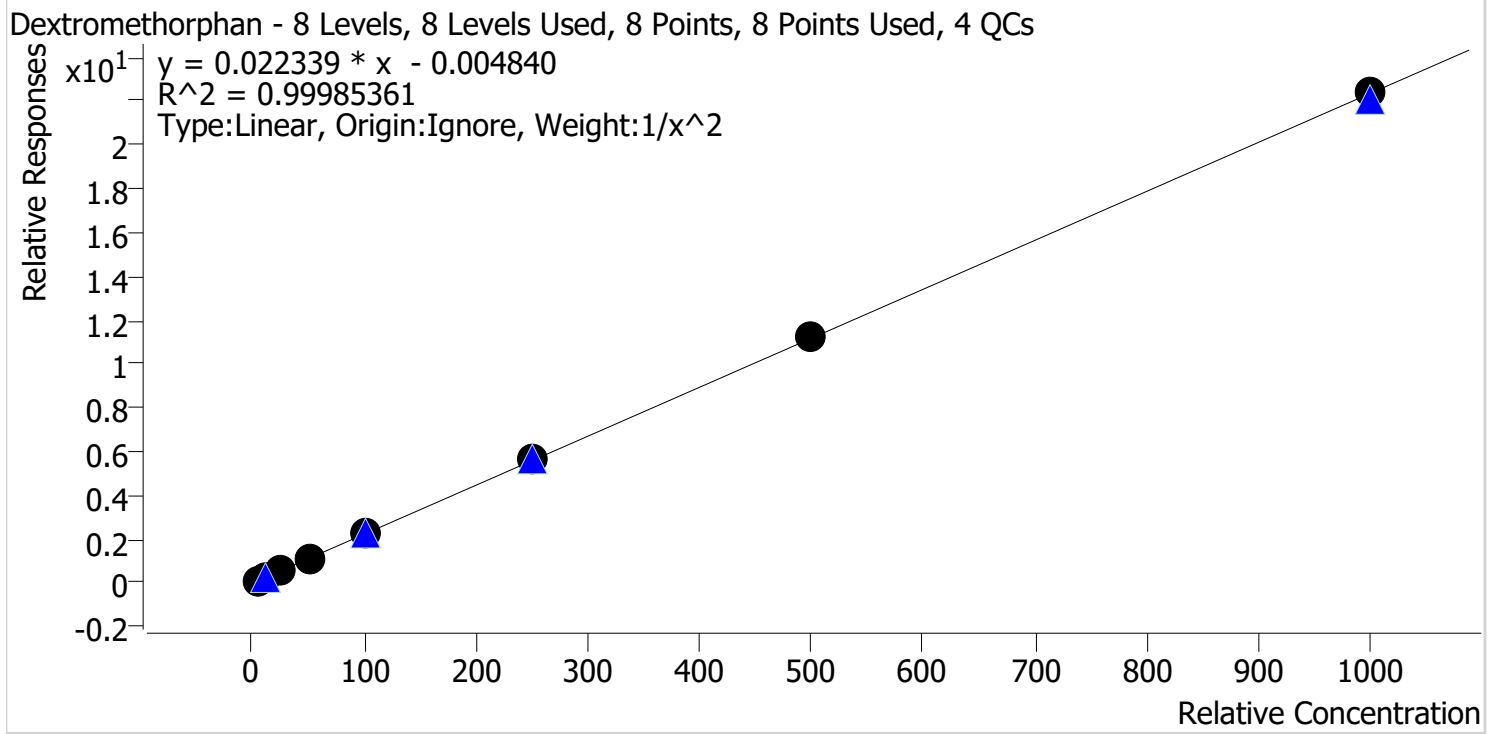
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 95.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.3 | 93.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 46.1 | 92.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.4 | 99.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 544.4 | 108.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1074.2 | 107.4 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

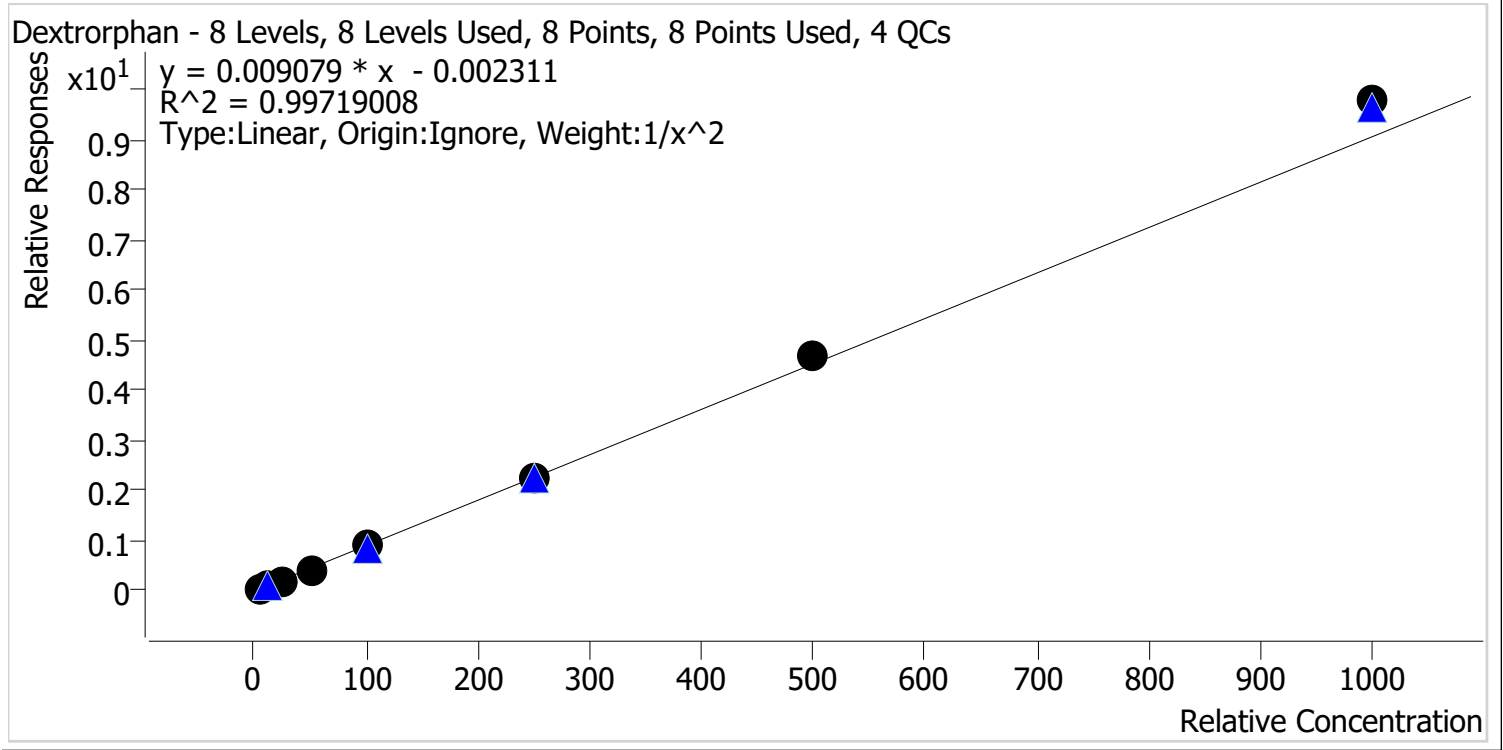


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 101.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.1 | 100.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.3 | 100.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.7 | 101.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 502.6 | 100.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1001.7 | 100.2 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



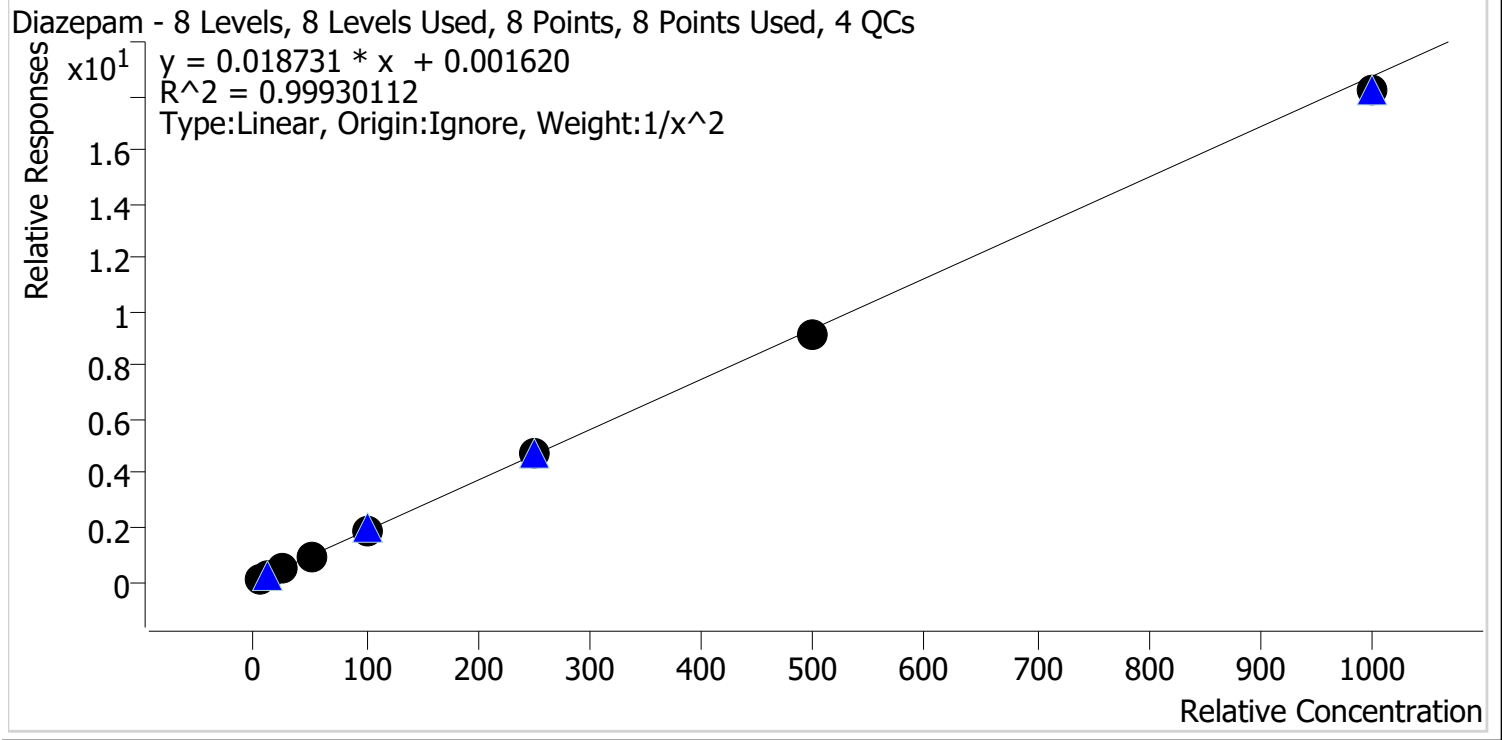
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 96.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.9 | 95.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.3 | 94.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.7 | 98.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 514.6 | 102.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1079.6 | 108.0 |

Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 104.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.0 | 102.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.7 | 100.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.9 | 100.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 486.8 | 97.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 971.6 | 97.2 |

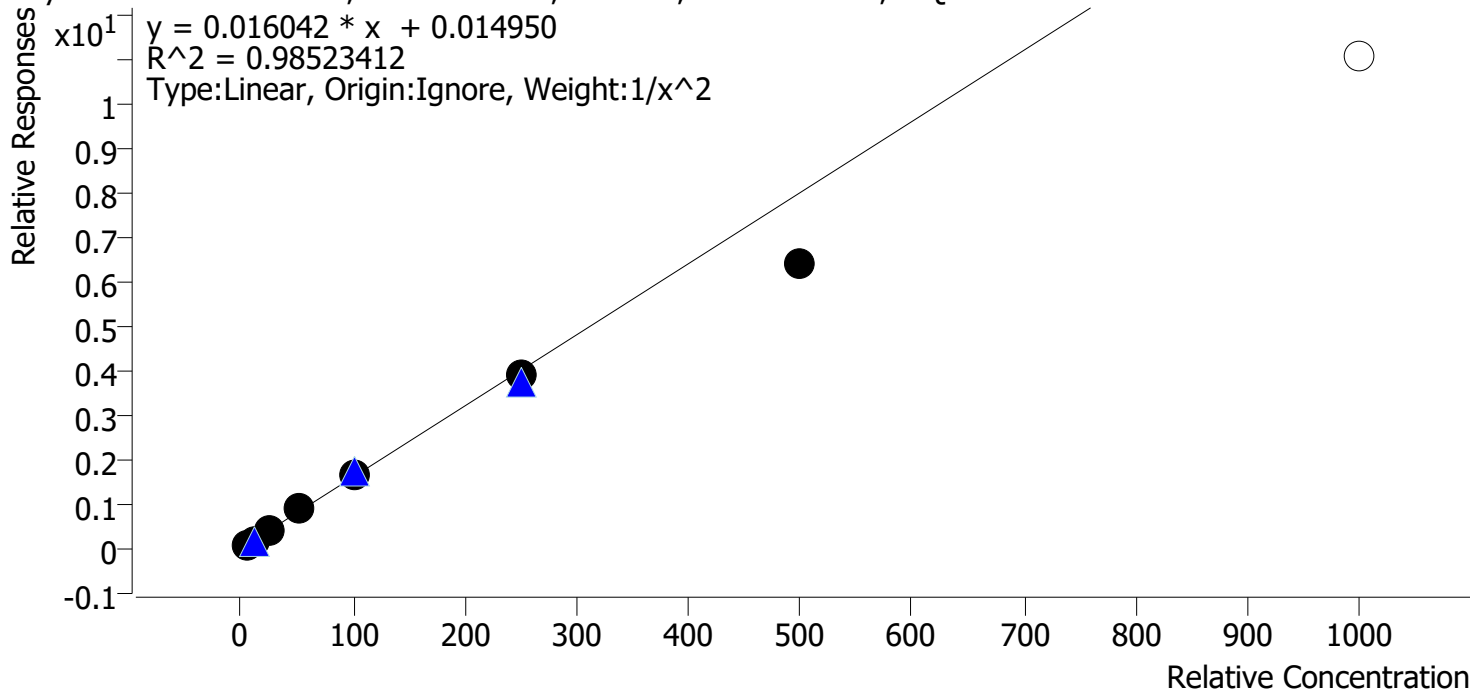
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



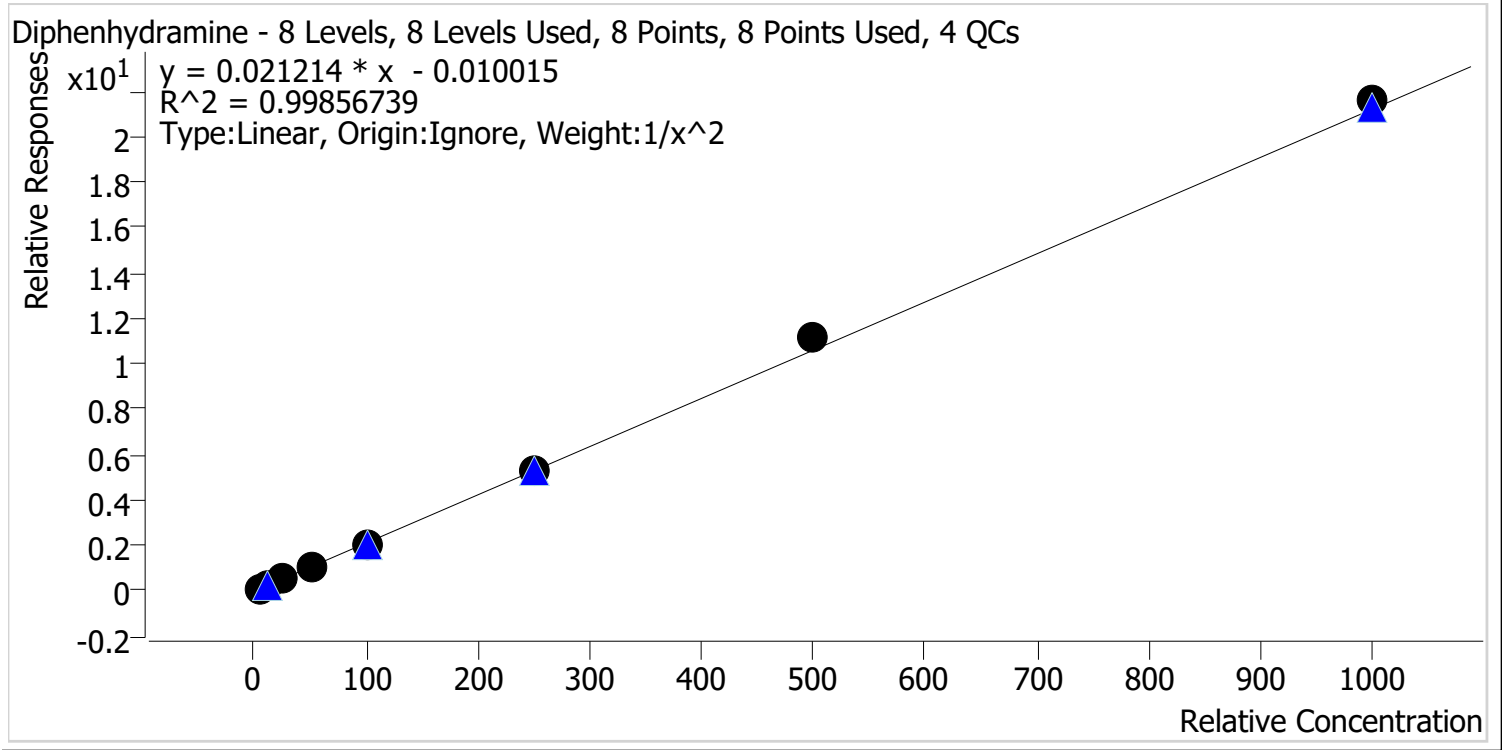
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 95.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.3 | 109.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 55.1 | 110.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.0 | 105.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 241.3 | 96.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 401.7 | 80.3 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 691.1 | 69.1 |

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

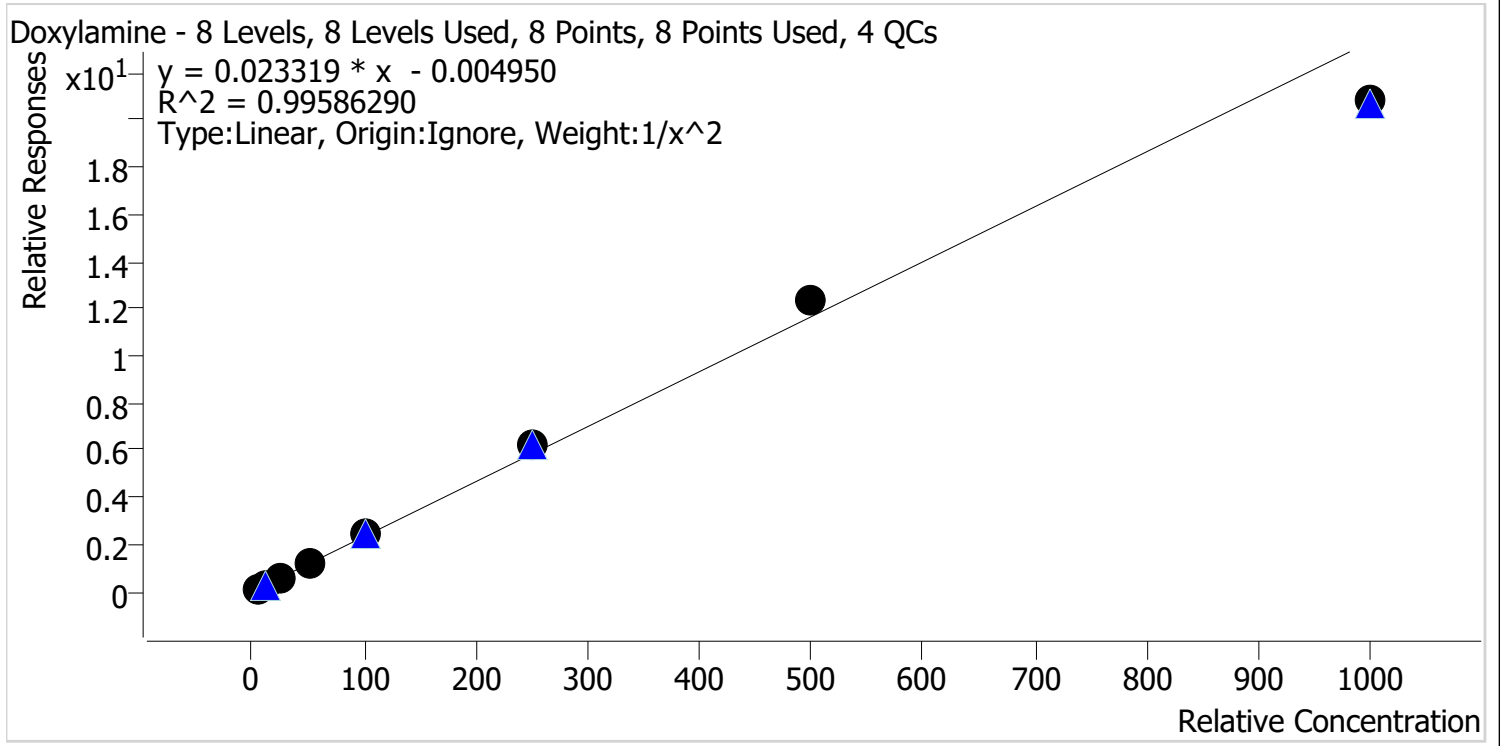


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 103.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 96.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.1 | 96.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.4 | 96.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.7 | 99.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.5 | 101.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 524.1 | 104.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1018.0 | 101.8 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



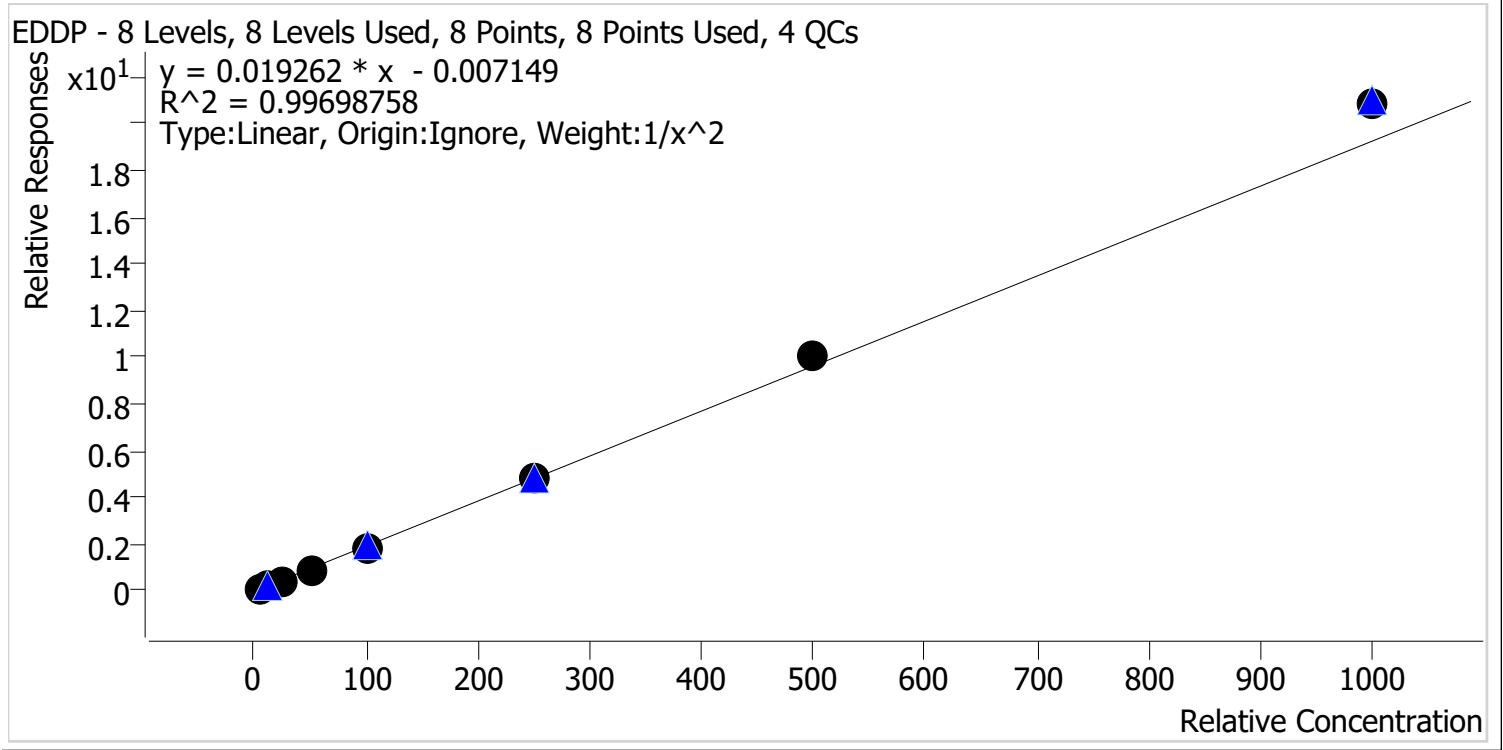
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 97.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.6 | 99.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.1 | 103.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 266.5 | 106.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 528.6 | 105.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 893.1 | 89.3 |

cf



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



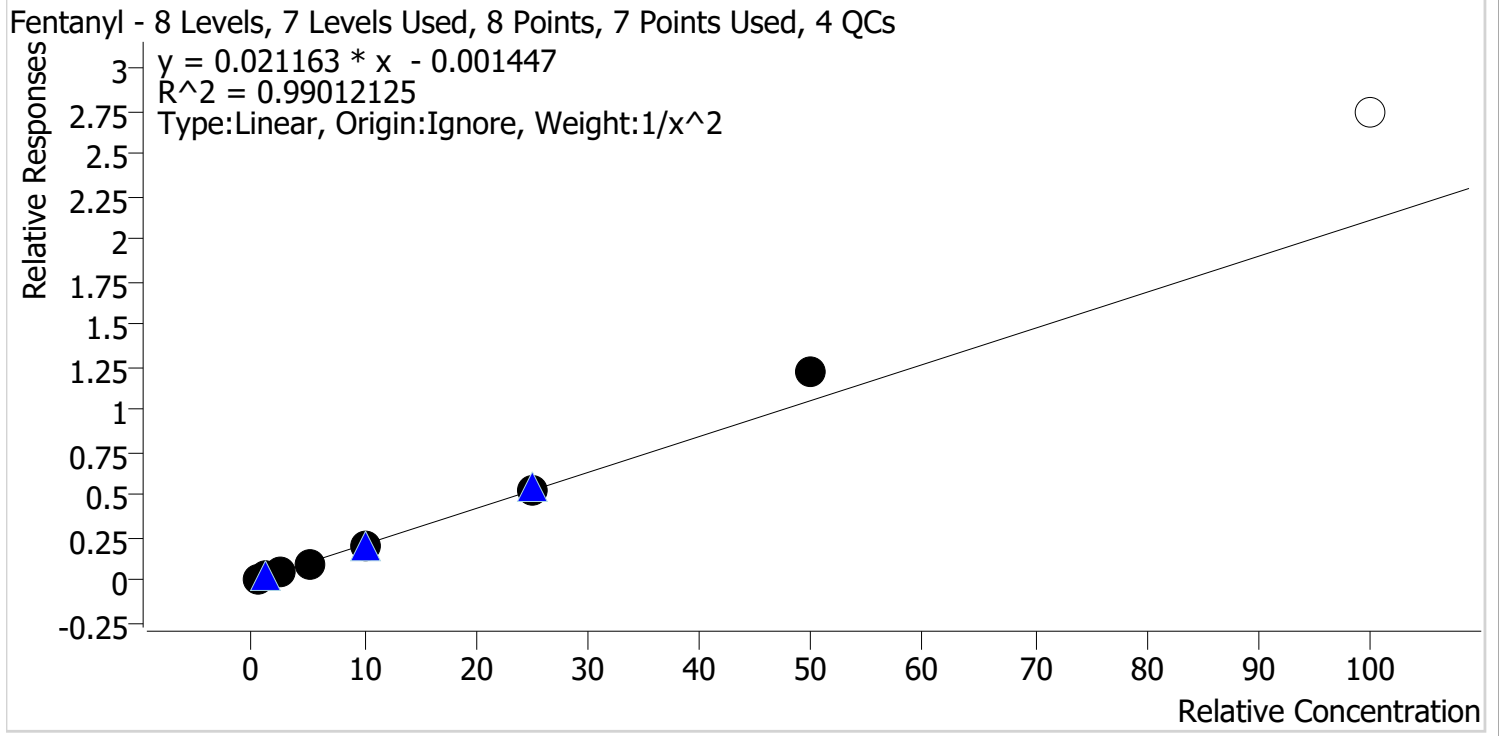
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 96.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.9 | 95.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.9 | 95.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.5 | 99.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 525.0 | 105.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1079.9 | 108.0 |

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



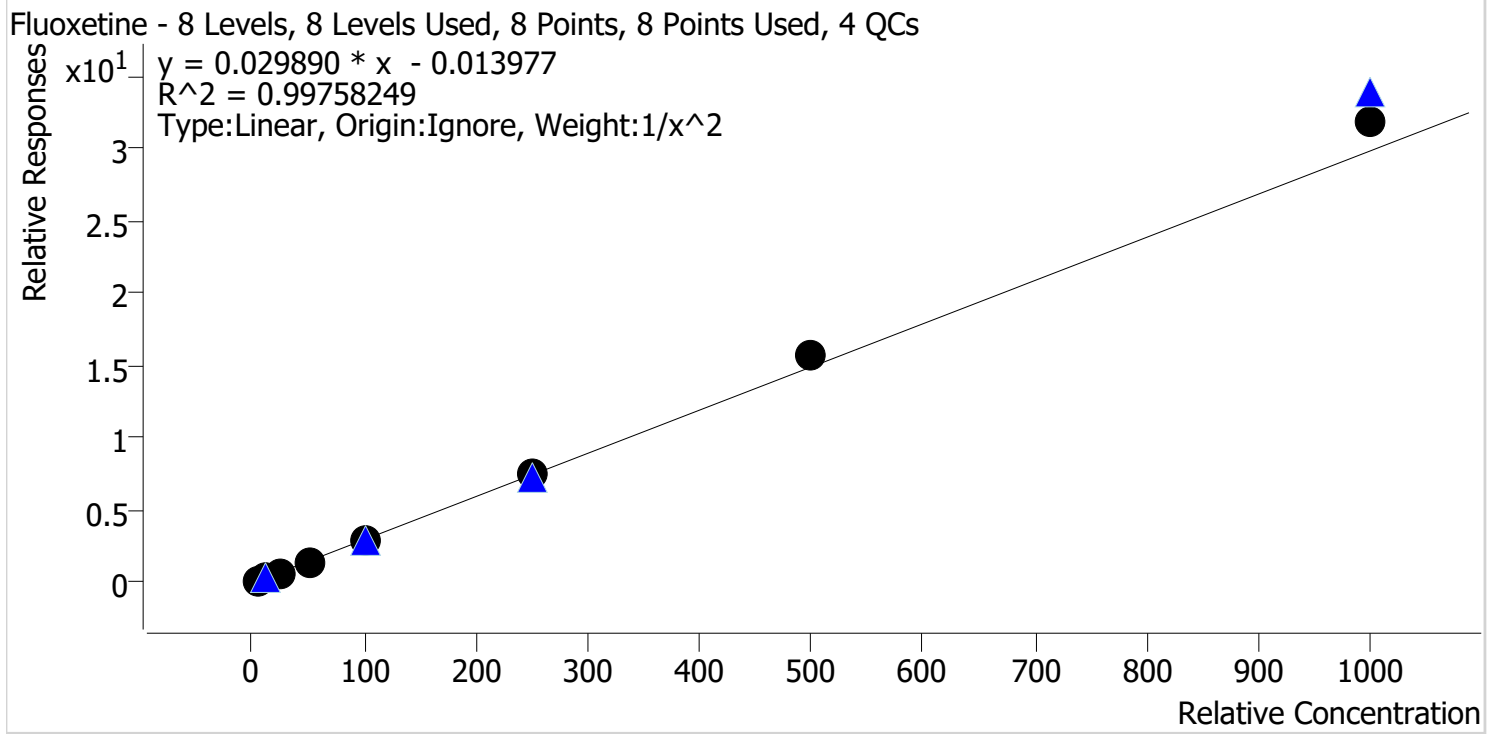
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 104.8 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 0.9 | 94.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.3 | 93.8 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.6 | 92.6 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.6 | 96.5 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.5 | 102.0 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 58.1 | 116.1 |
| p1 Cal 8-1000ng | 8 | ✗ | 100.0 | 130.1 | 130.1 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



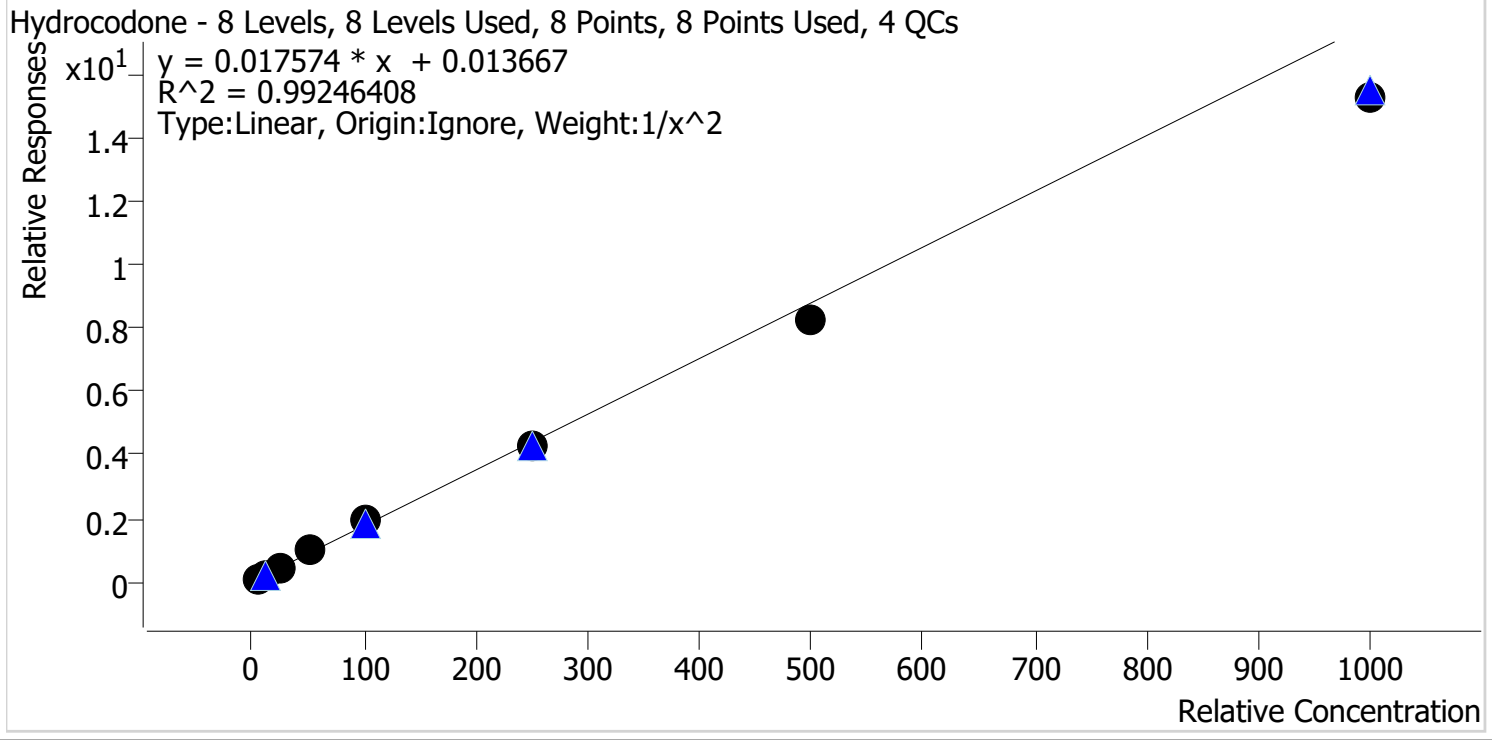
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.7 | 95.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.3 | 99.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 523.6 | 104.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1065.5 | 106.5 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



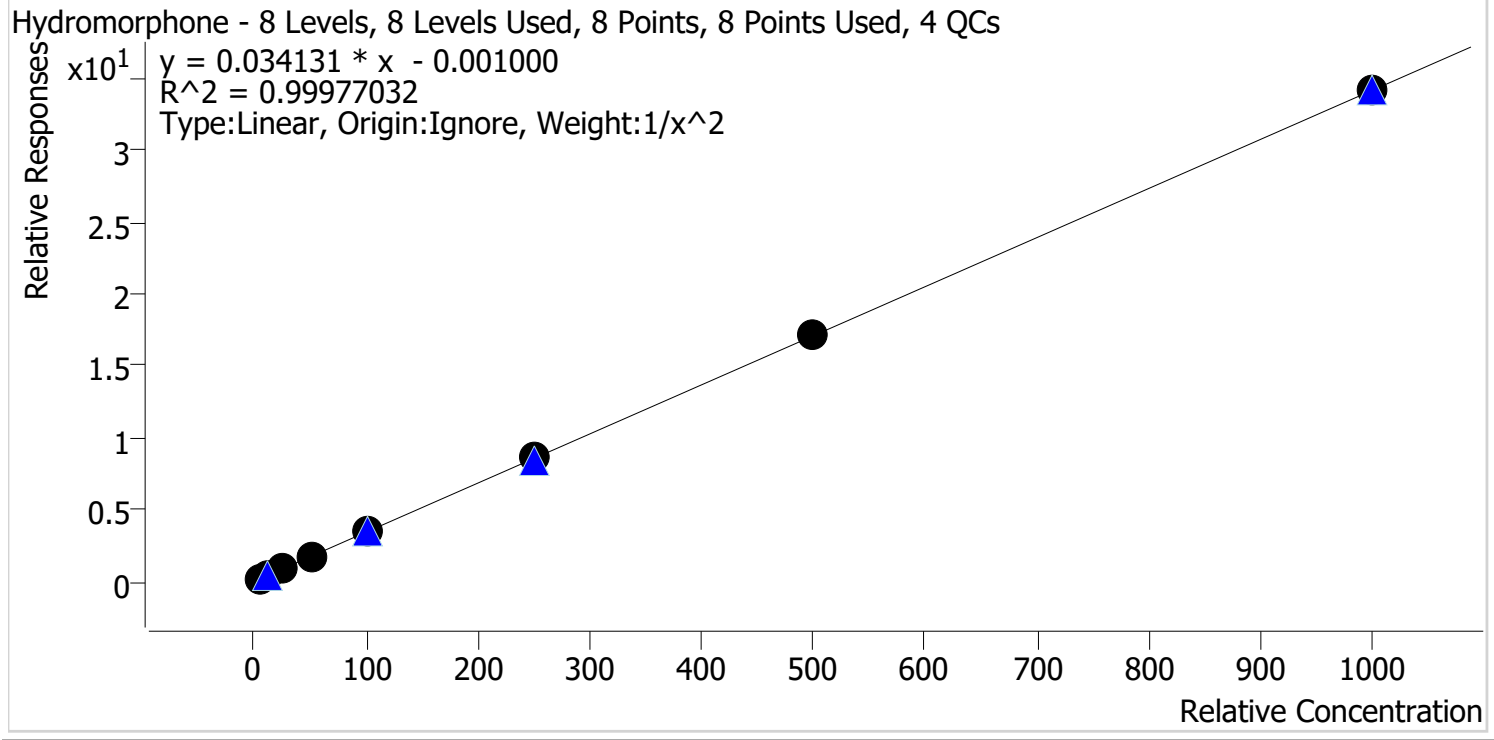
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 101.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.2 | 104.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.3 | 108.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 109.2 | 109.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.3 | 97.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 470.8 | 94.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 871.4 | 87.1 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



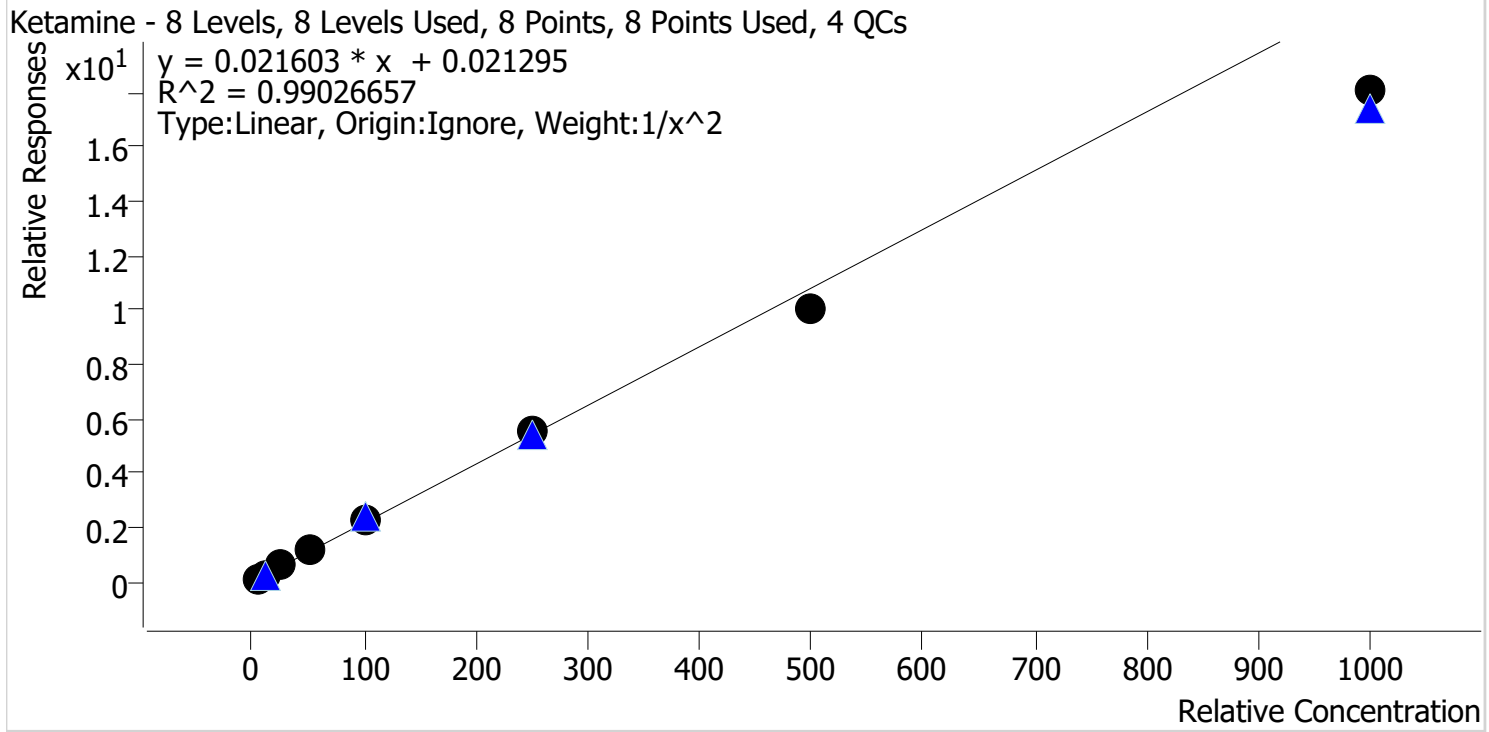
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 97.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.4 | 98.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.4 | 101.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.5 | 100.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 505.2 | 101.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 999.5 | 100.0 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



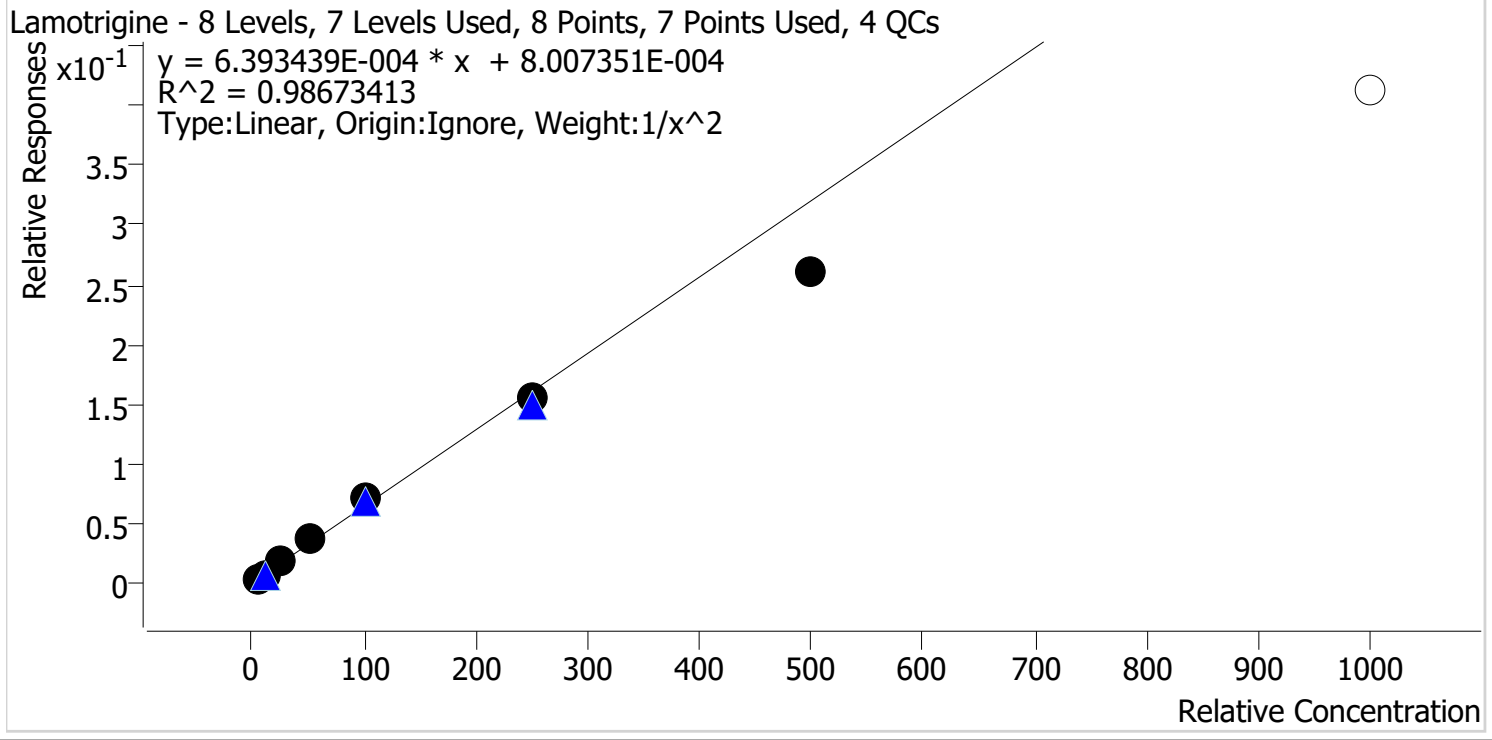
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 97.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.2 | 108.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.4 | 108.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.3 | 106.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.3 | 102.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 465.9 | 93.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 836.3 | 83.6 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



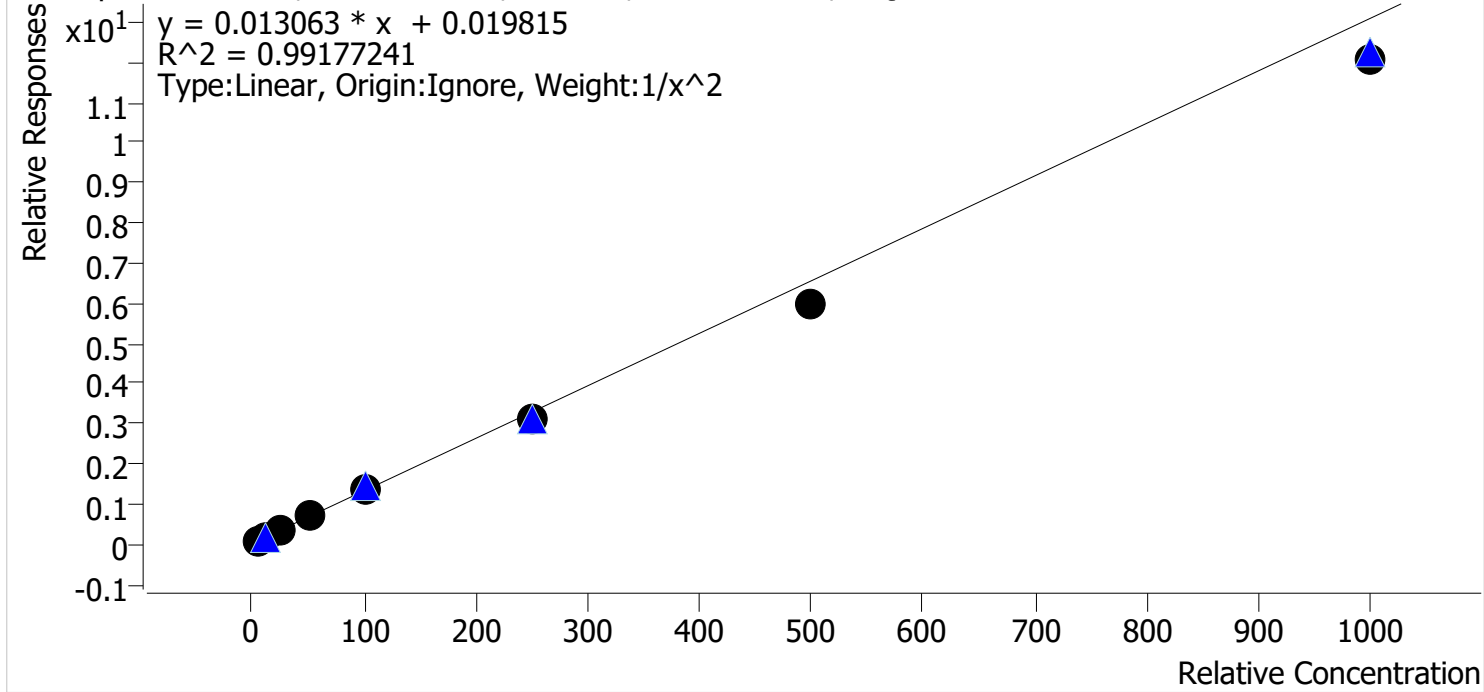
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.4 | 105.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 55.3 | 110.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 108.5 | 108.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 242.4 | 97.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 407.0 | 81.4 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 644.1 | 64.4 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

Lorazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



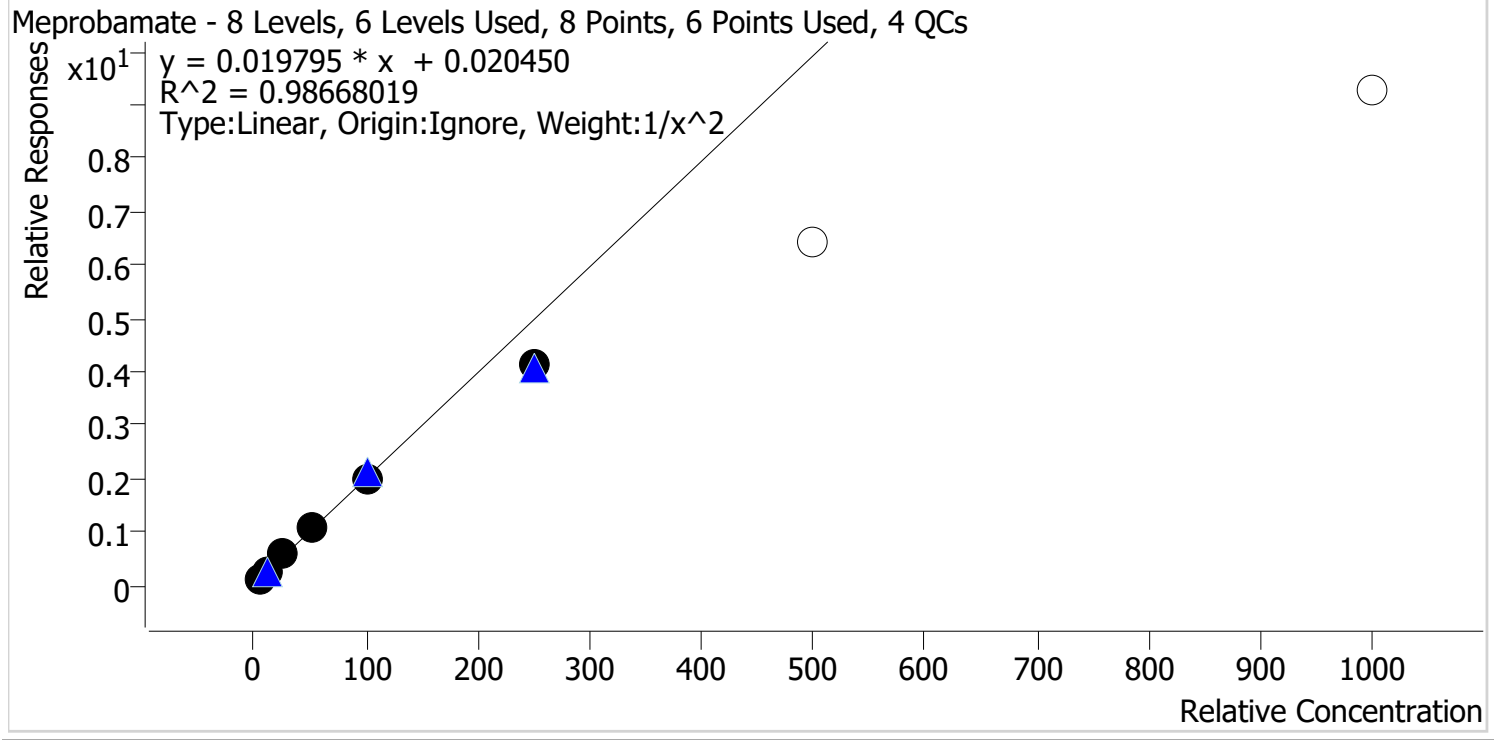
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 95.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.5 | 110.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.7 | 109.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.9 | 105.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 234.2 | 93.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 453.8 | 90.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 919.5 | 91.9 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



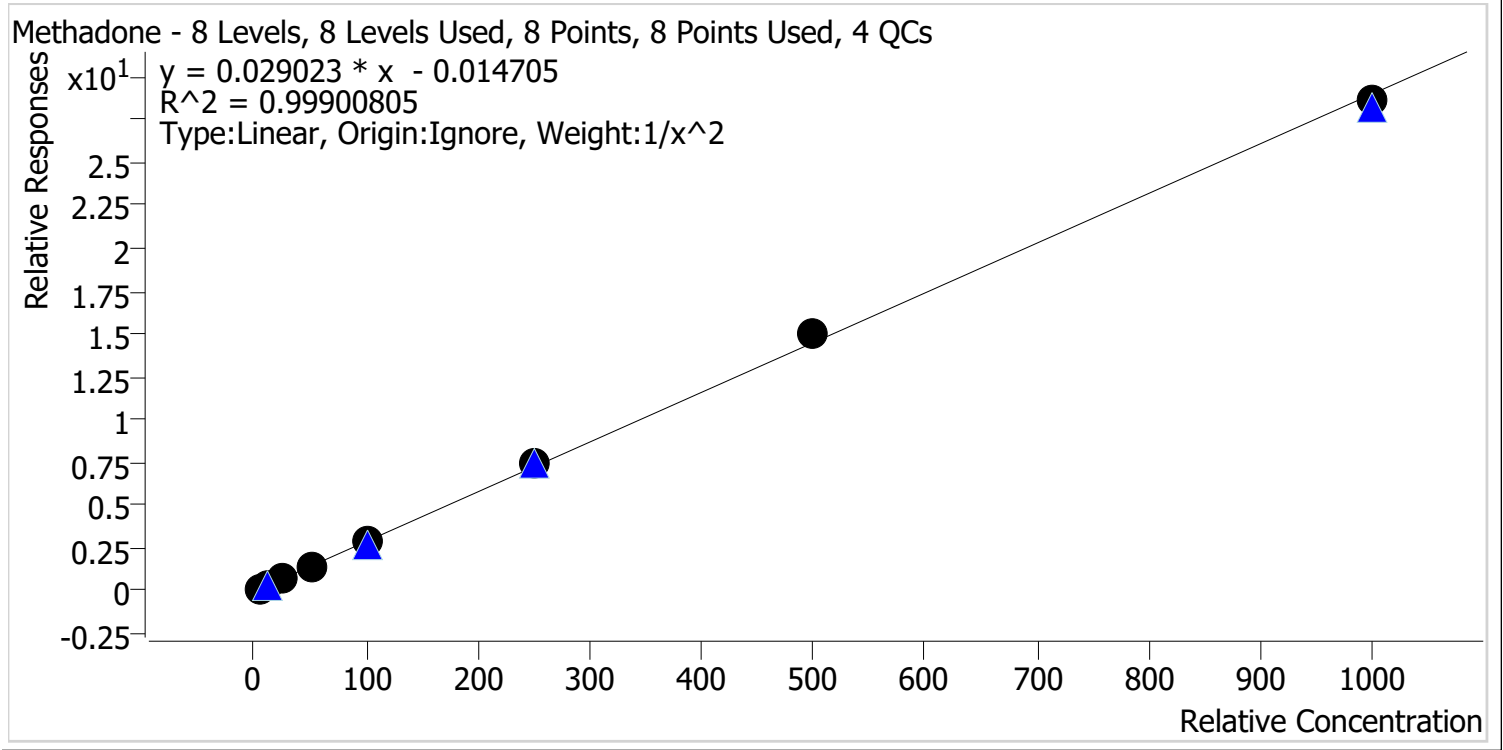
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.3 | 109.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.5 | 109.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 208.6 | 83.4 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 321.8 | 64.4 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 466.8 | 46.7 |



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



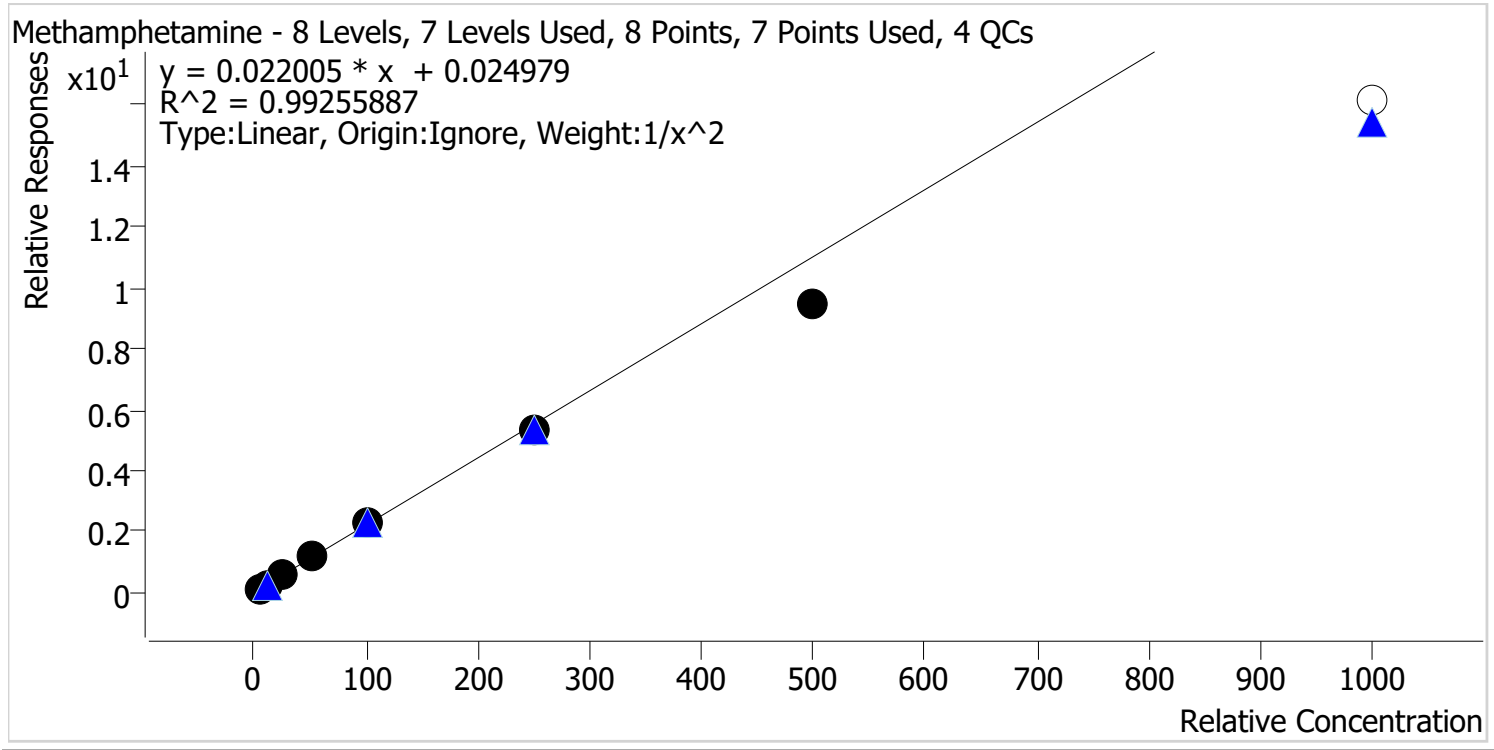
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.7 | 97.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.1 | 99.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 259.0 | 103.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 520.5 | 104.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 986.8 | 98.7 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 97.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 102.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.4 | 105.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.1 | 106.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.0 | 106.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 241.5 | 96.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 431.2 | 86.2 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 732.6 | 73.3 |

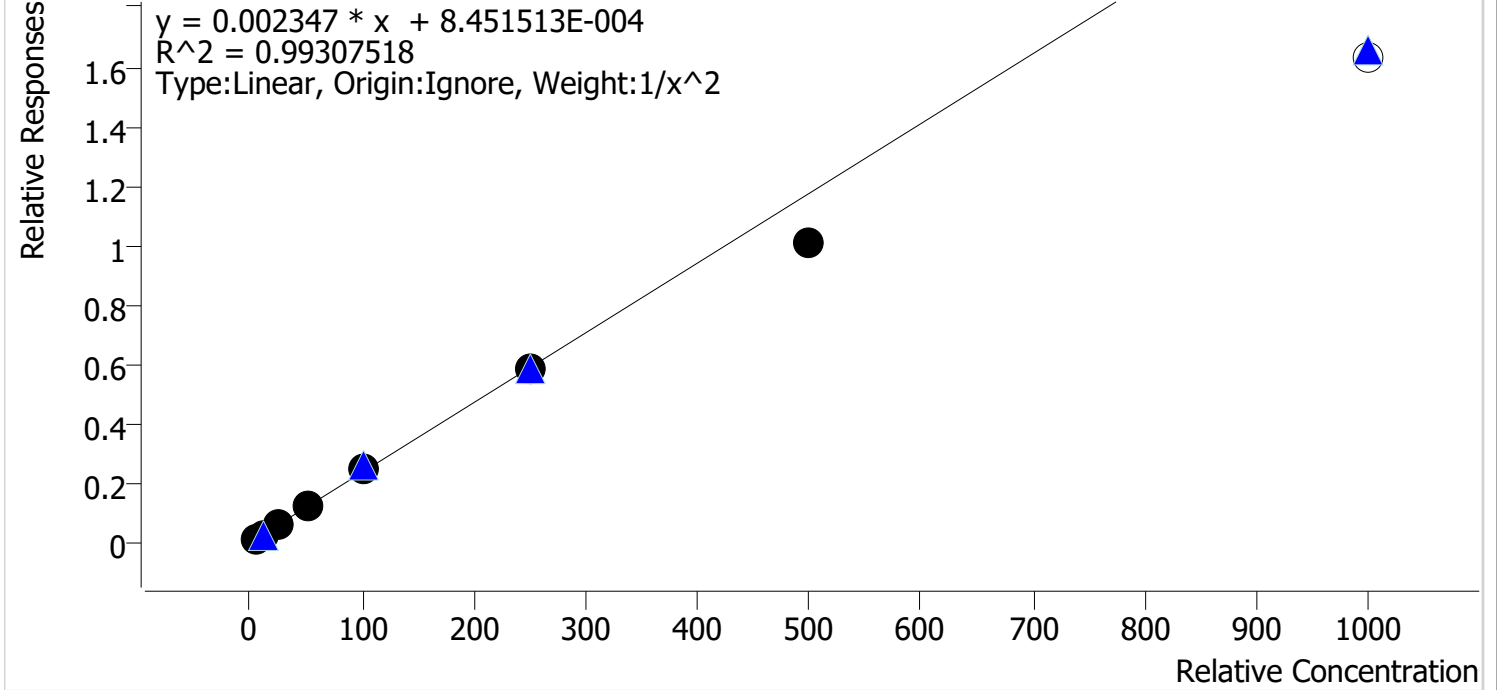


cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.5 | 105.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.9 | 103.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.3 | 104.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.1 | 105.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.5 | 99.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 430.9 | 86.2 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 697.3 | 69.7 |

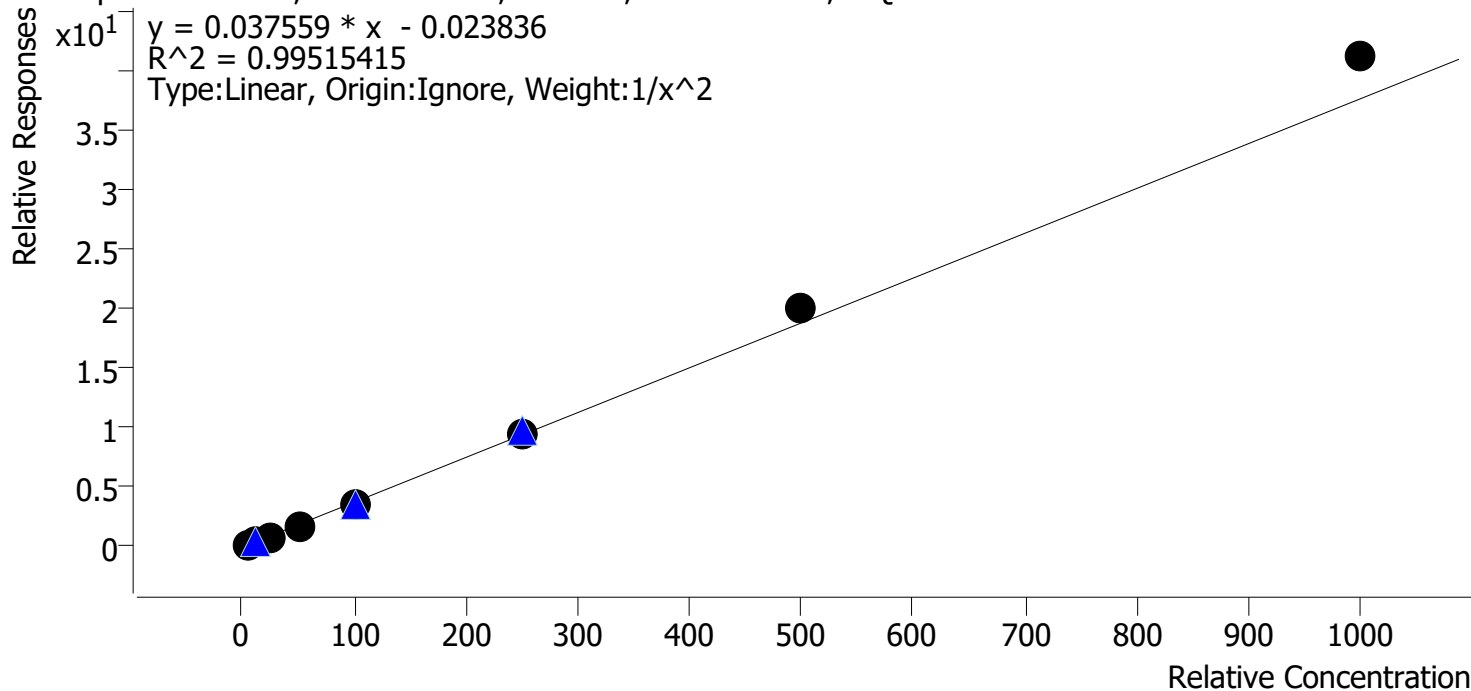
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs

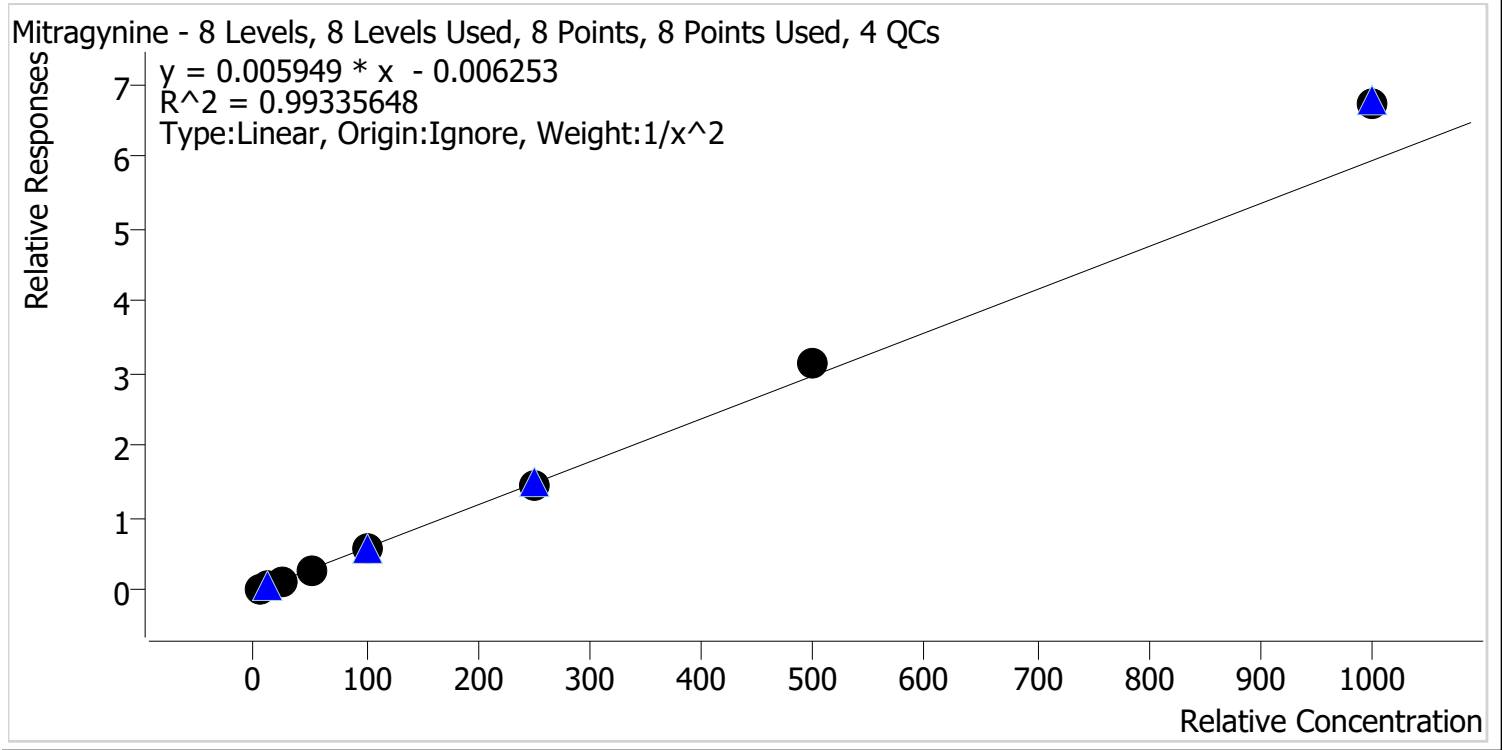


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 96.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.3 | 93.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.0 | 93.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.6 | 96.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.6 | 99.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 534.8 | 107.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1093.0 | 109.3 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



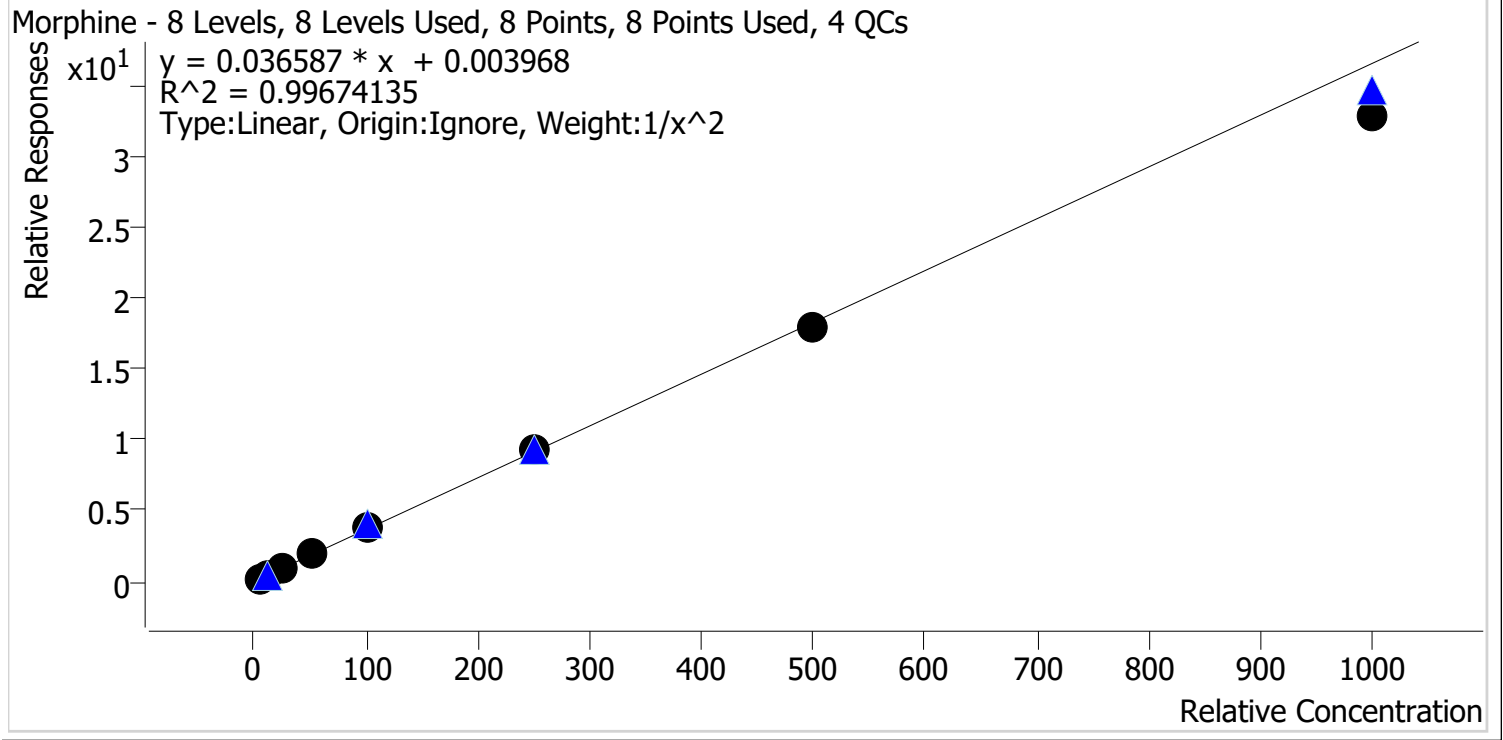
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 96.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.3 | 93.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.0 | 94.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.6 | 94.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.7 | 99.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 527.4 | 105.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1132.6 | 113.3 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.8 | 103.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.0 | 104.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.4 | 105.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.7 | 101.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 488.8 | 97.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 896.4 | 89.6 |

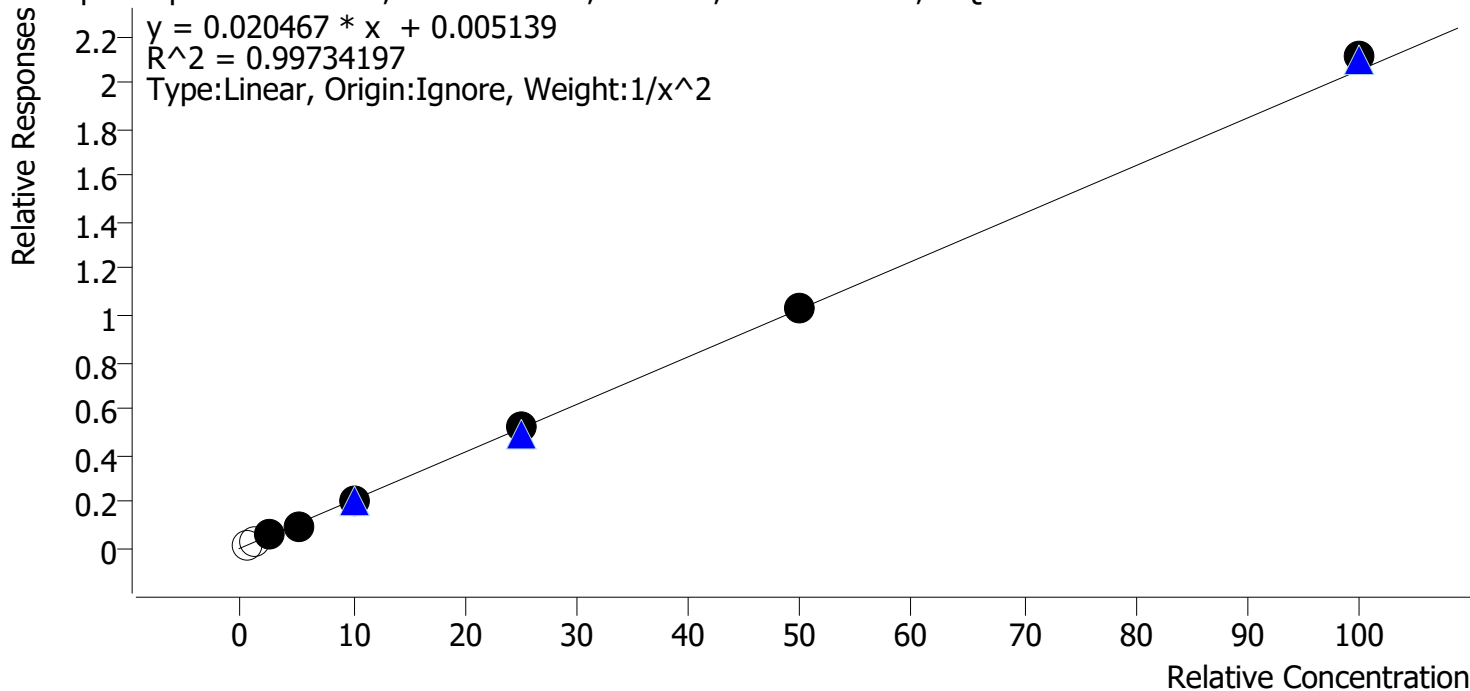
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



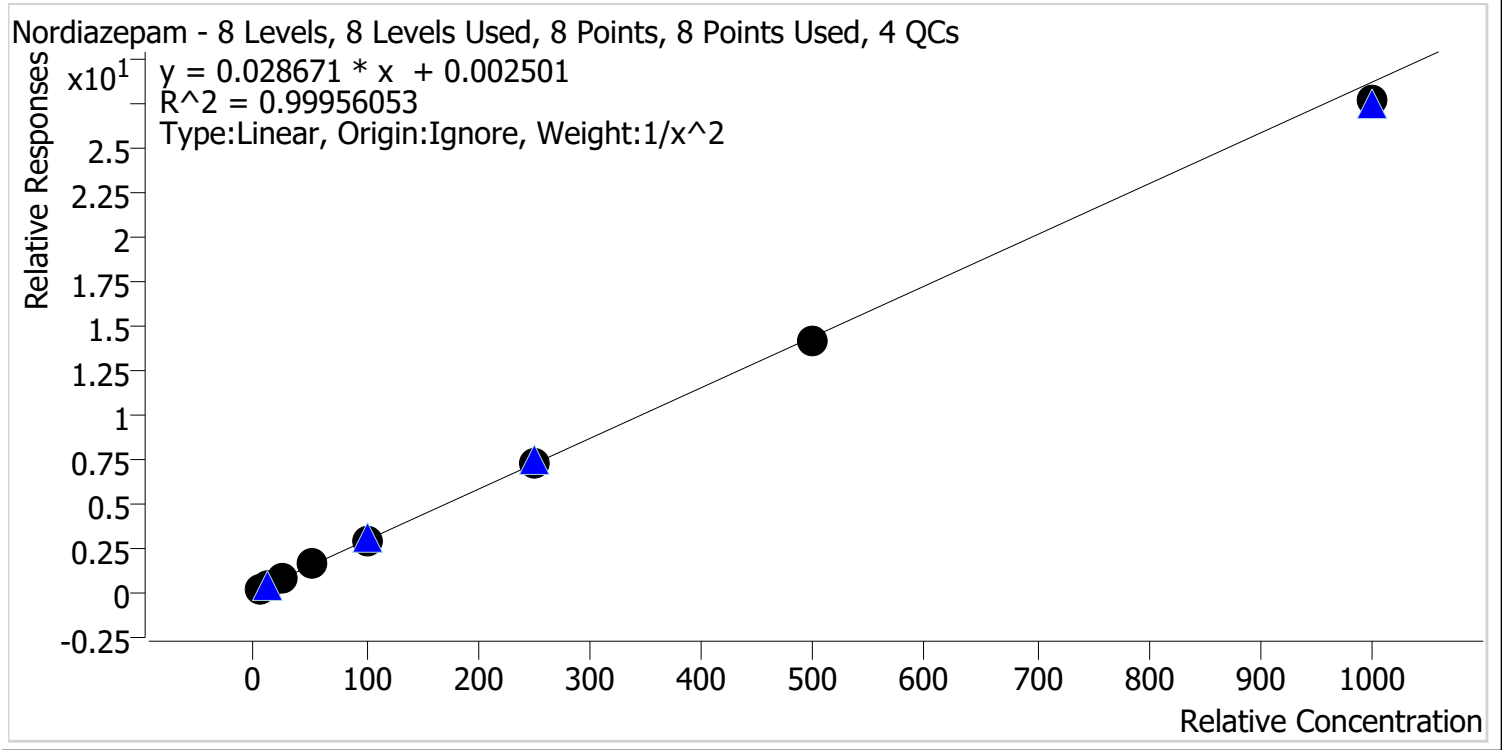
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | x | 0.5 | 0.6 | 122.0 |
| p1 Cal 2-10ng | 2 | x | 1.0 | 0.9 | 88.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.6 | 103.9 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.6 | 92.3 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.9 | 99.1 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.3 | 101.2 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 50.4 | 100.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 102.9 | 102.9 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

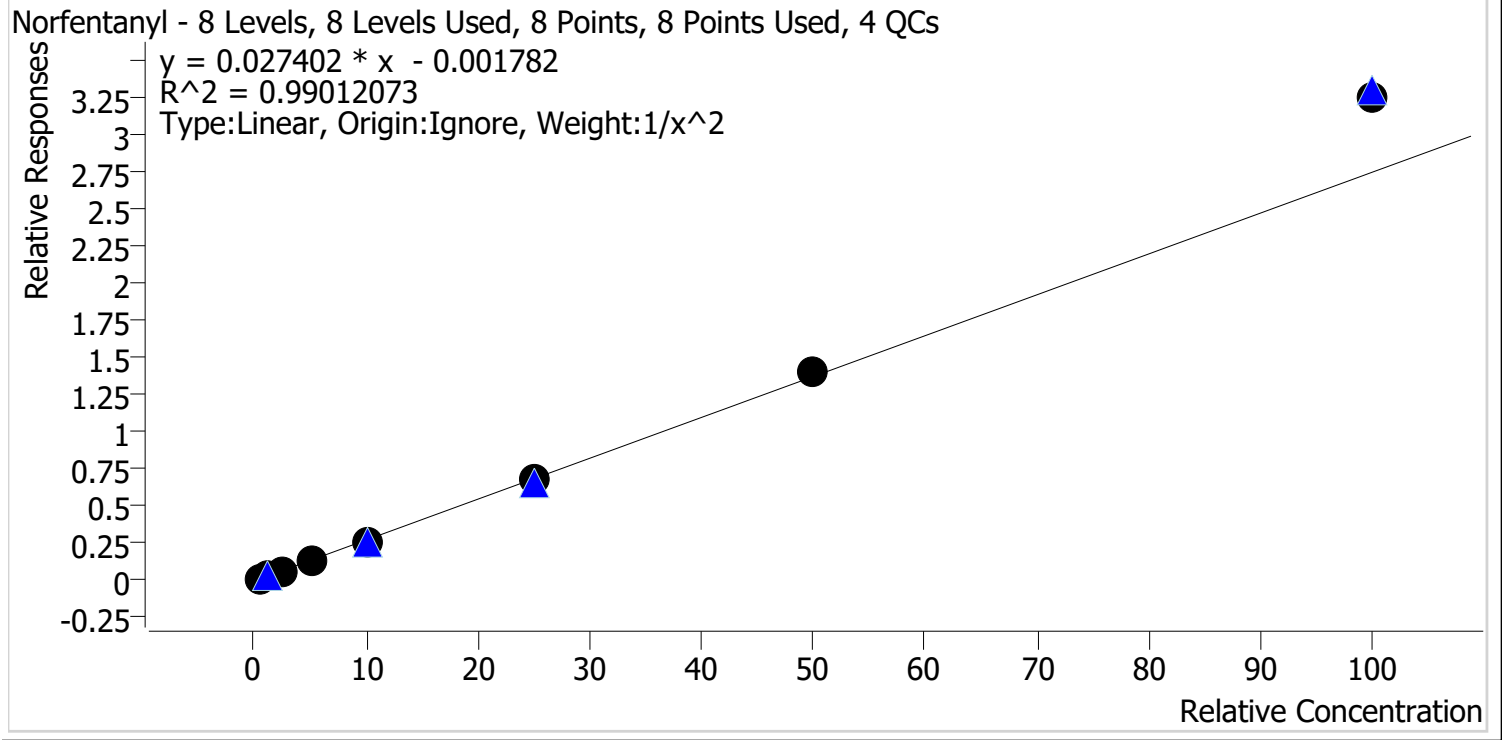


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.1 | 102.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.4 | 100.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.2 | 101.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 494.4 | 98.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 963.7 | 96.4 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



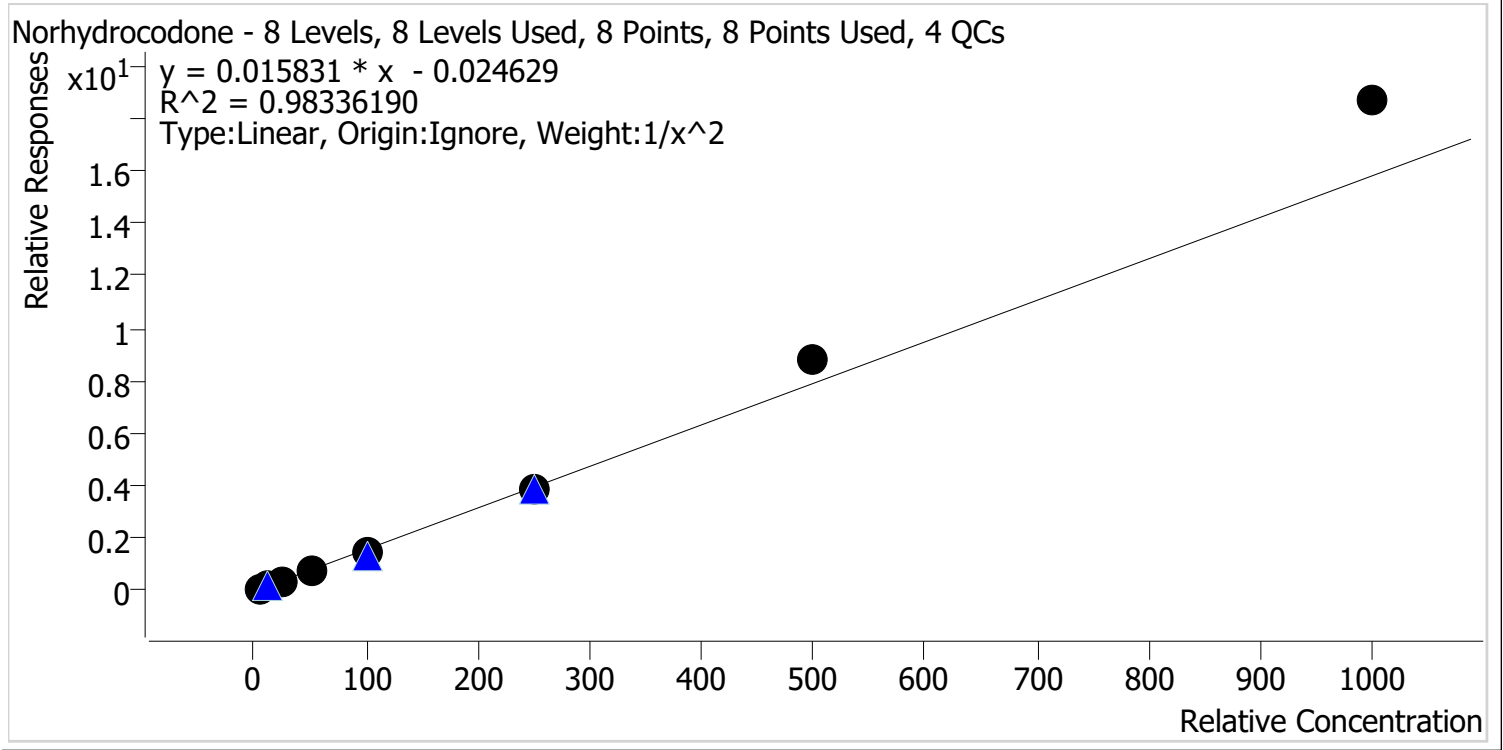
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 105.0 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 0.9 | 94.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.3 | 93.0 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.7 | 93.8 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.3 | 93.4 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 24.9 | 99.5 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 51.3 | 102.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 118.2 | 118.2 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



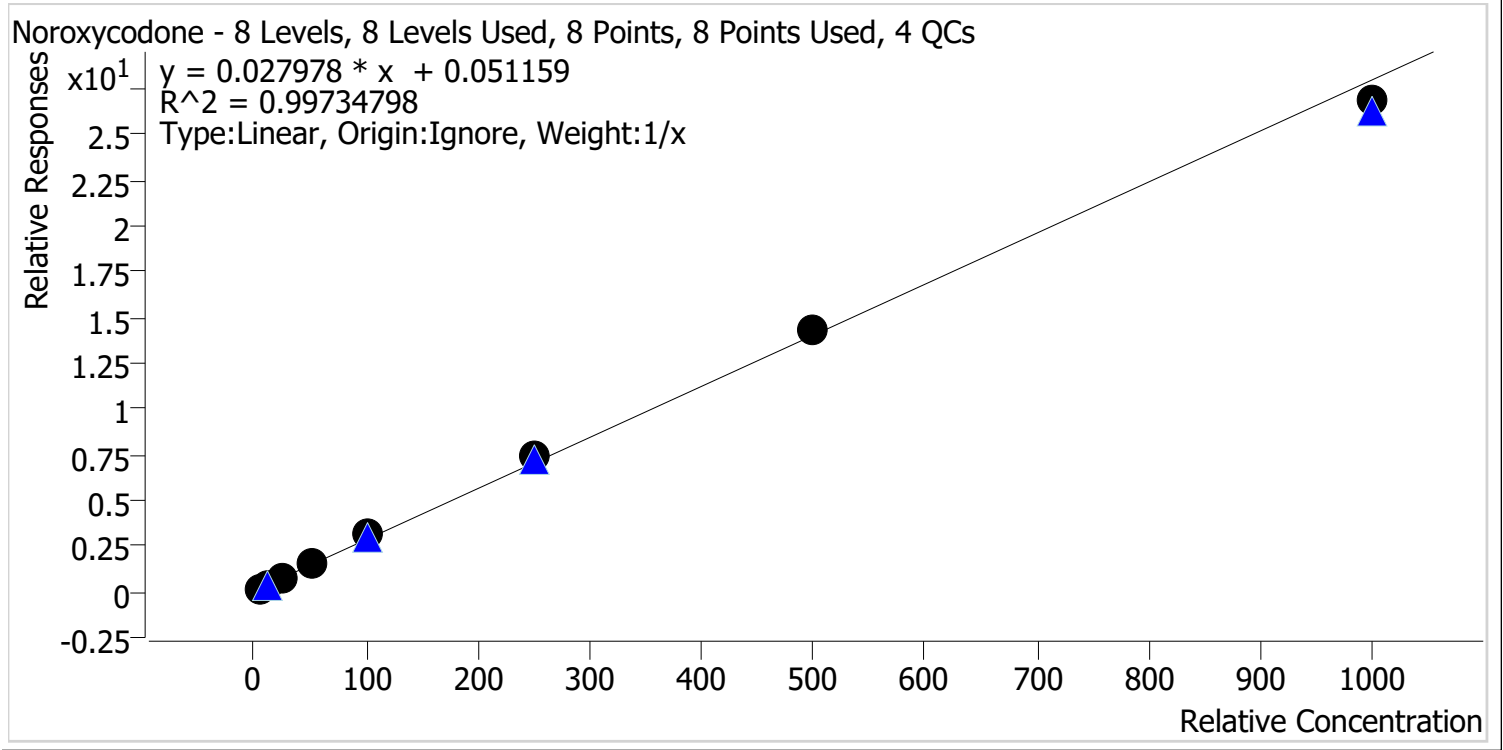
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.4 | 107.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.3 | 93.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 21.7 | 86.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 44.4 | 88.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.2 | 94.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.2 | 99.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 558.8 | 111.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1181.2 | 118.1 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

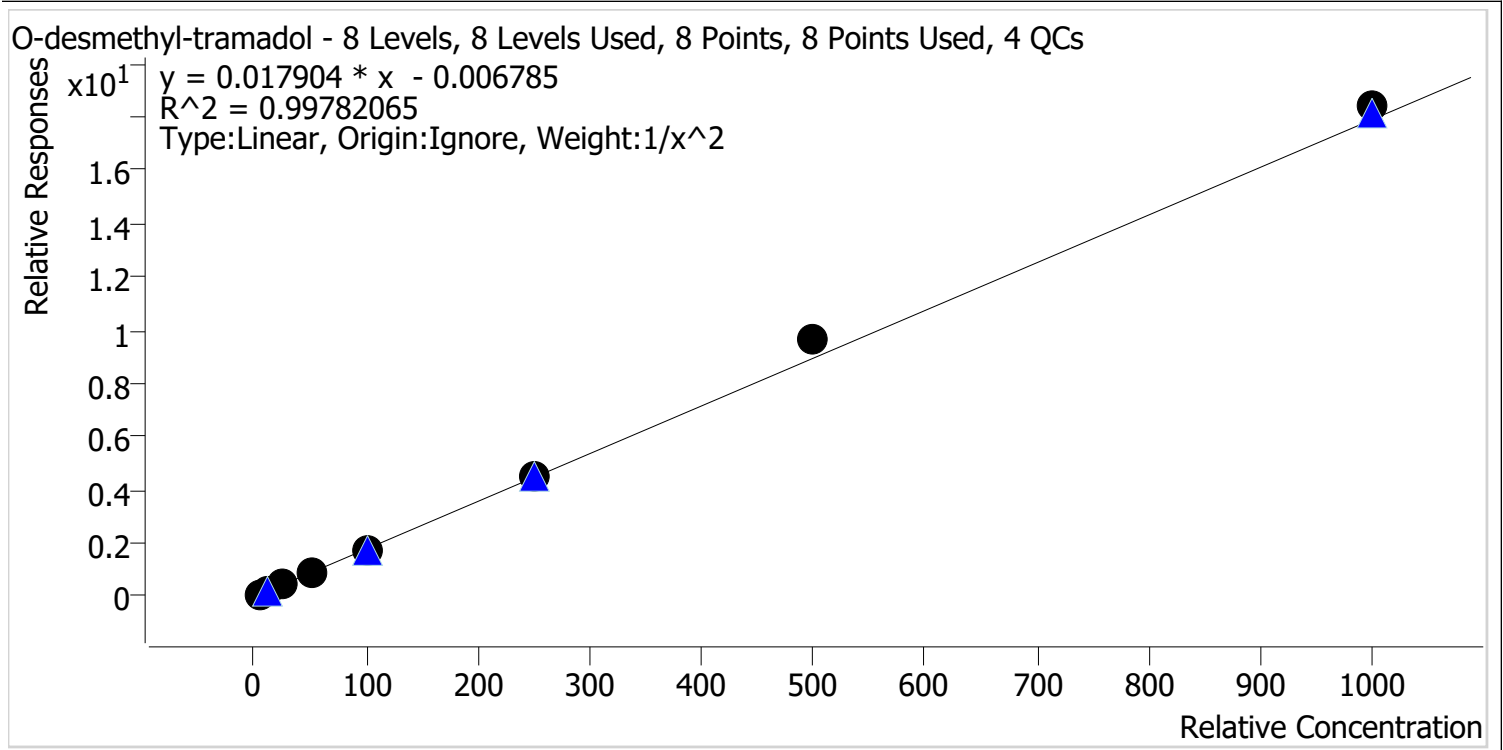


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 3.9 | 77.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.2 | 92.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.7 | 109.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 109.6 | 109.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 266.2 | 106.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 510.2 | 102.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 959.5 | 95.9 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



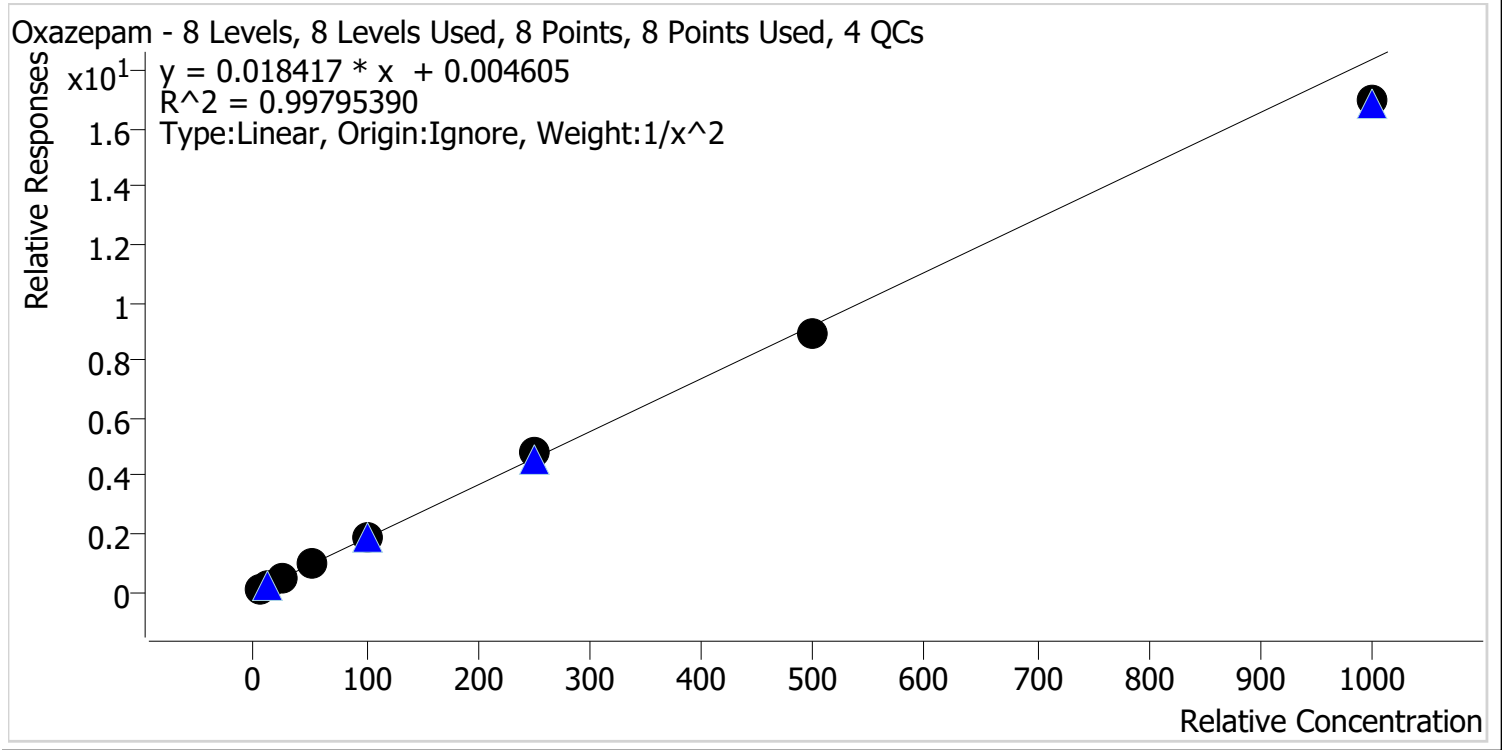
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 97.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.9 | 95.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.0 | 96.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.2 | 97.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 536.6 | 107.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1027.9 | 102.8 |

Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



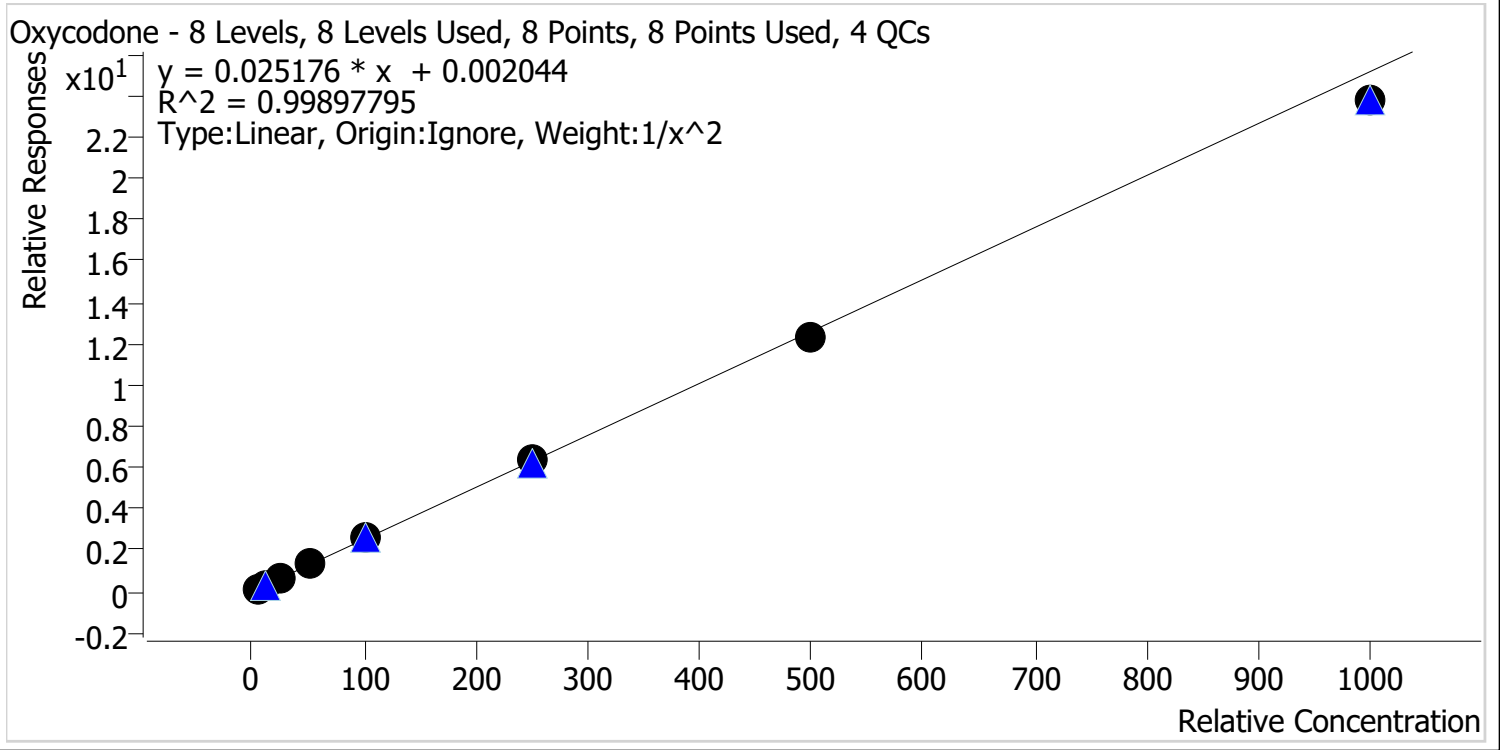
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.3 | 102.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.3 | 104.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 259.6 | 103.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 487.6 | 97.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 922.4 | 92.2 |



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



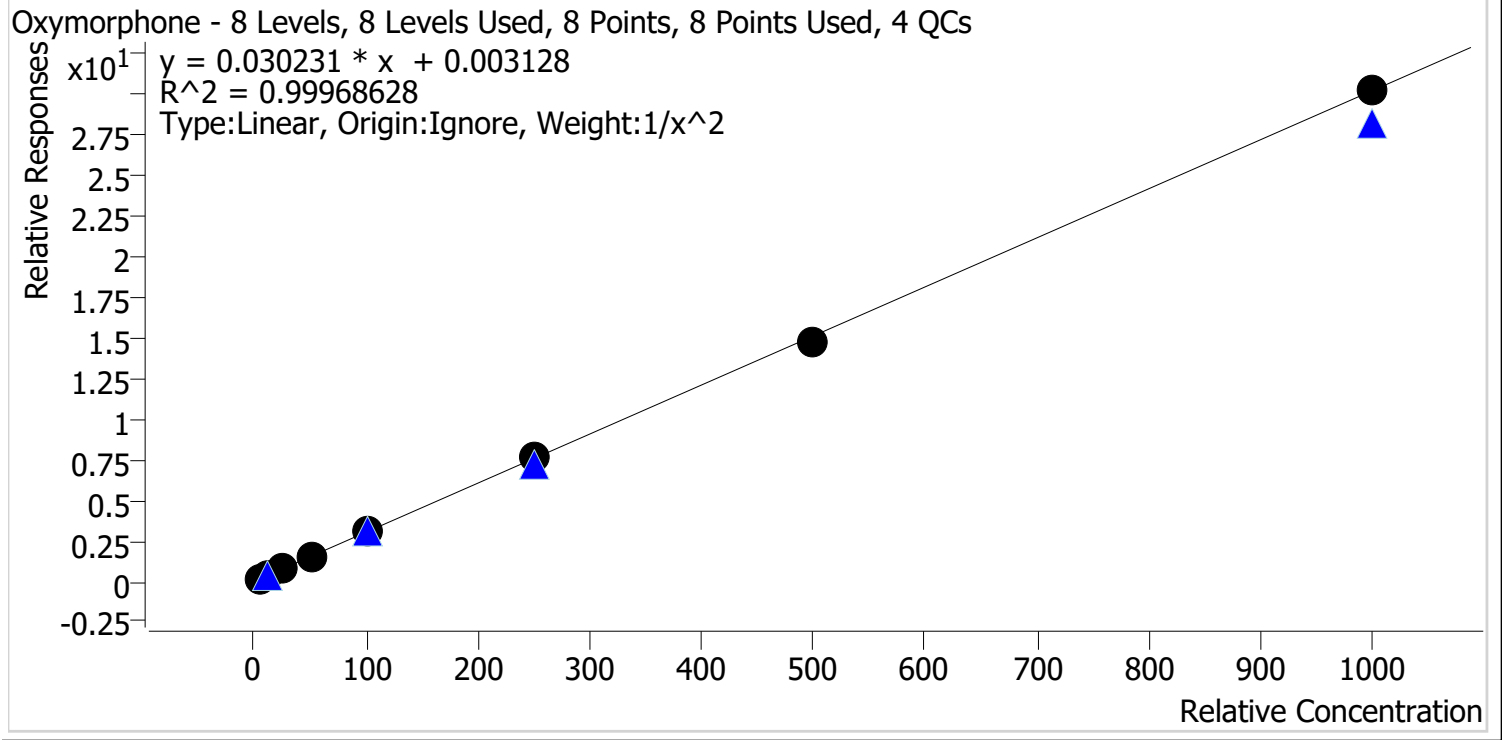
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.0 | 102.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.5 | 102.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.6 | 101.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 489.3 | 97.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 944.1 | 94.4 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



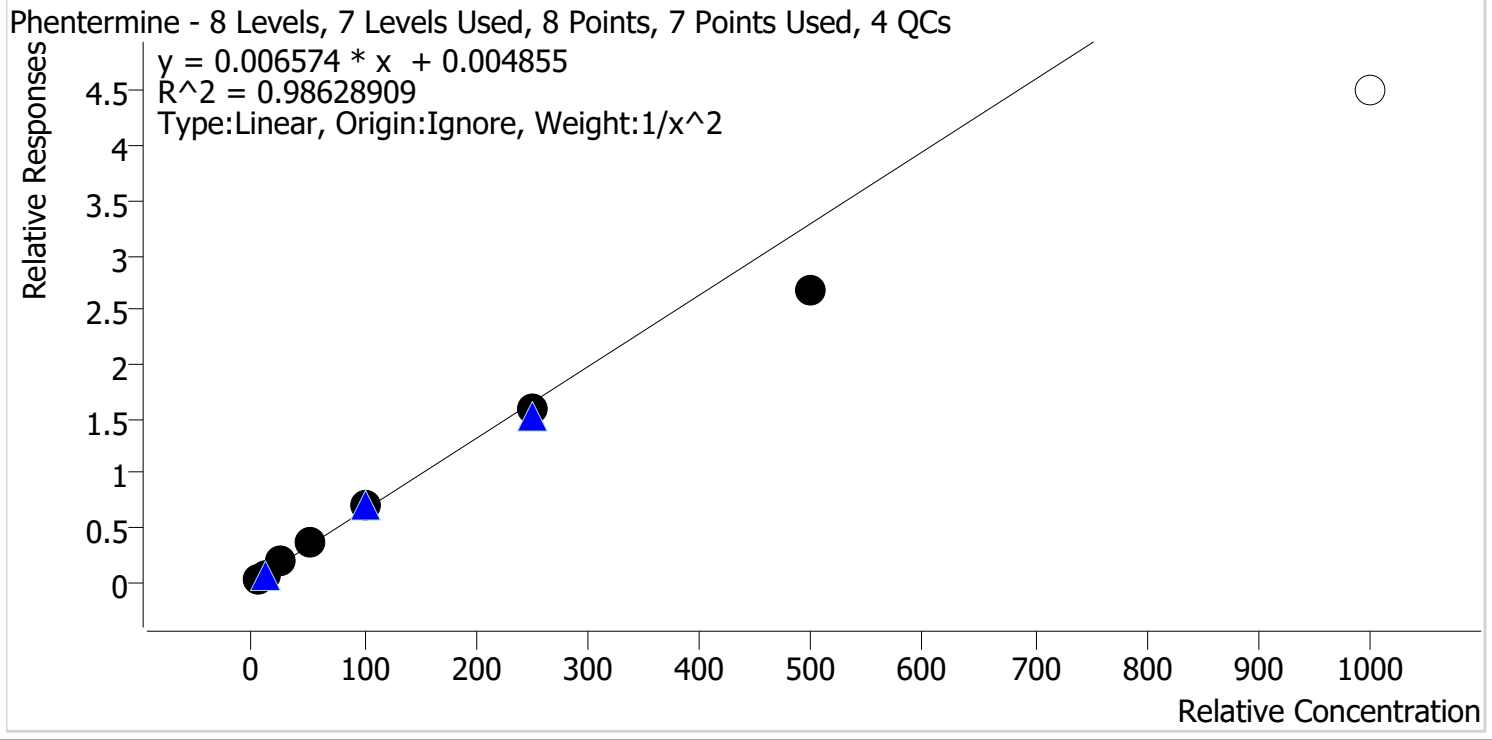
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.6 | 102.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.5 | 98.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.0 | 101.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.9 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 491.2 | 98.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1000.3 | 100.0 |

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

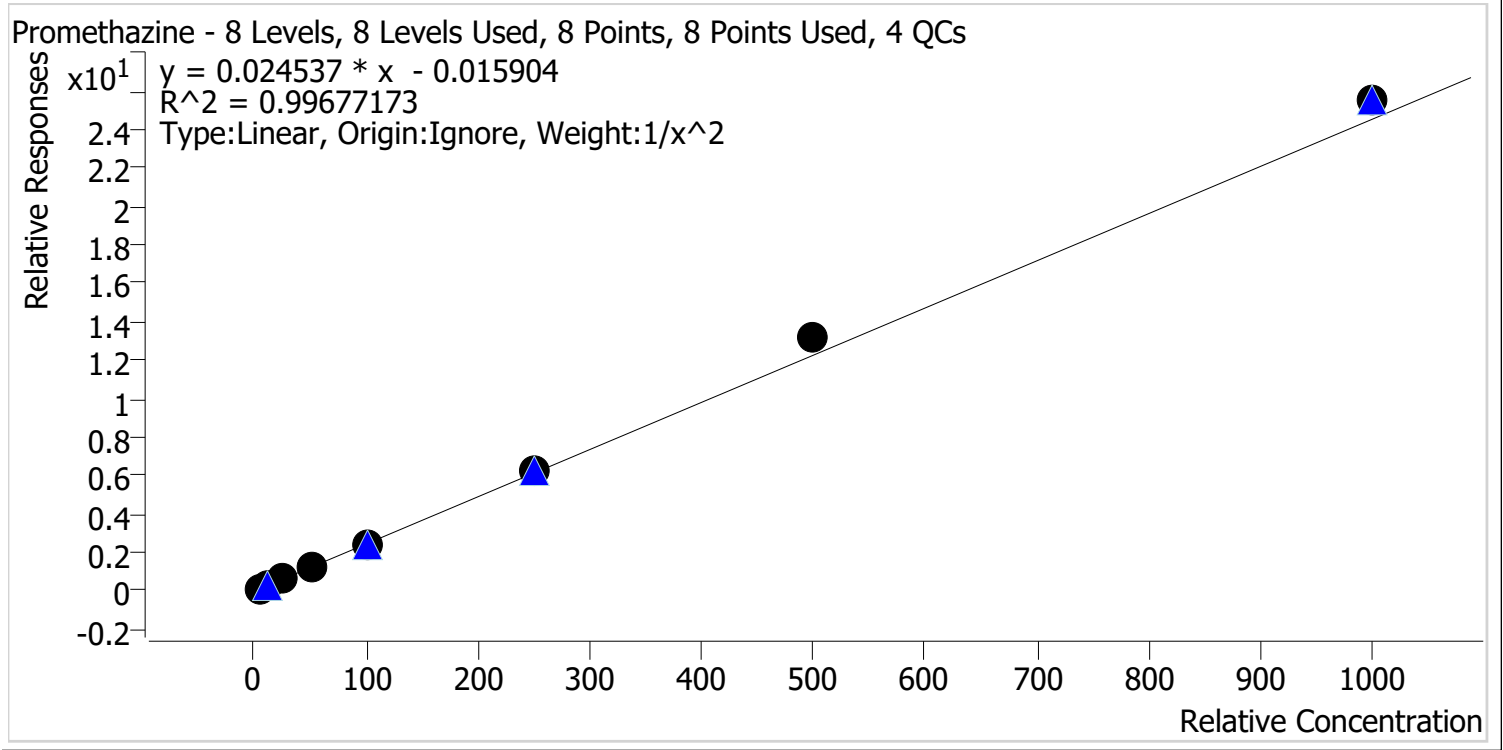


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 27.2 | 108.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.6 | 109.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.8 | 106.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 239.1 | 95.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 406.5 | 81.3 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 684.7 | 68.5 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



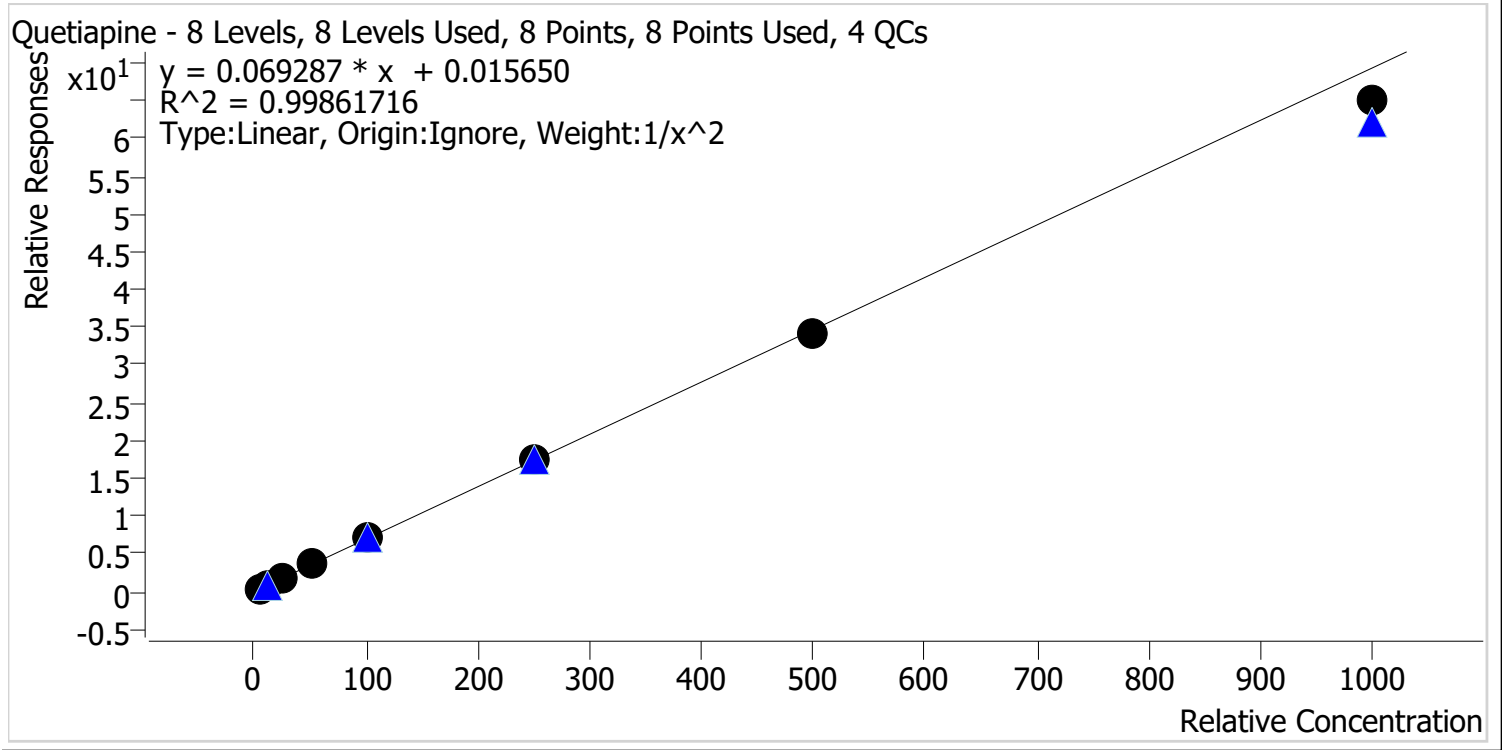
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 96.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.9 | 95.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.6 | 95.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.9 | 94.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 256.7 | 102.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 538.9 | 107.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1039.6 | 104.0 |

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

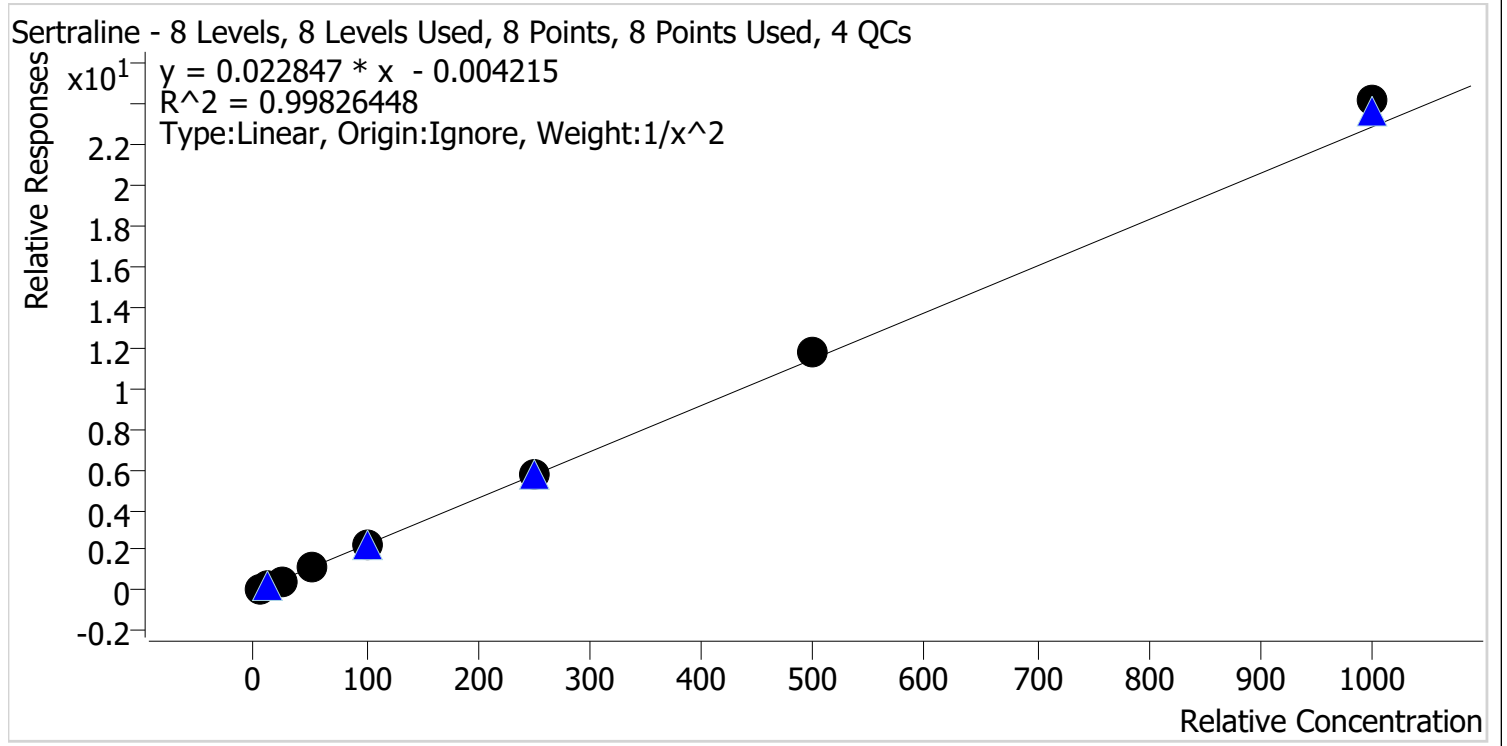


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.9 | 103.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.9 | 101.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.3 | 103.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.8 | 101.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 489.2 | 97.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 937.7 | 93.8 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



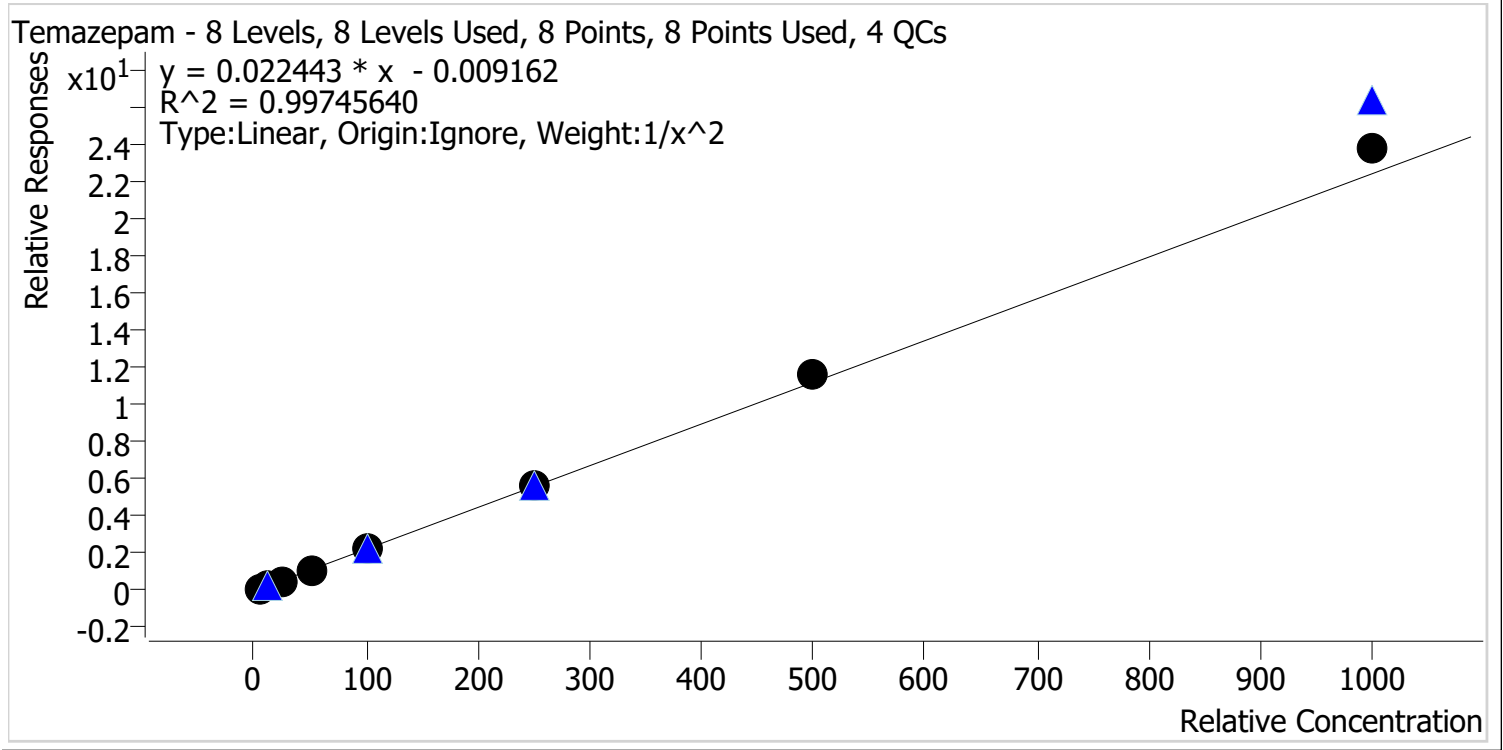
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.6 | 94.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.8 | 97.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.3 | 100.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 516.8 | 103.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1056.7 | 105.7 |

Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

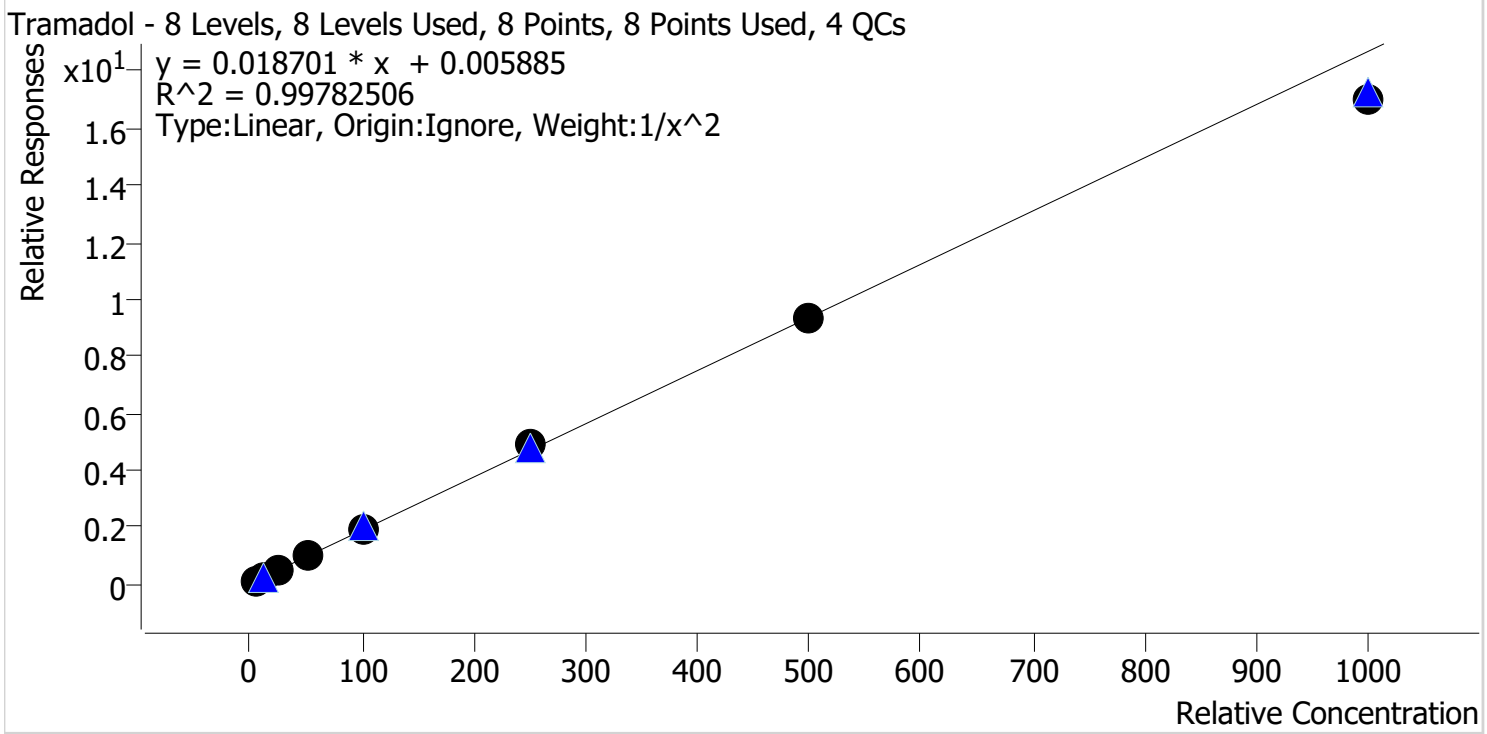


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.6 | 94.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.2 | 94.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.0 | 98.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.0 | 102.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 521.8 | 104.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1060.1 | 106.0 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

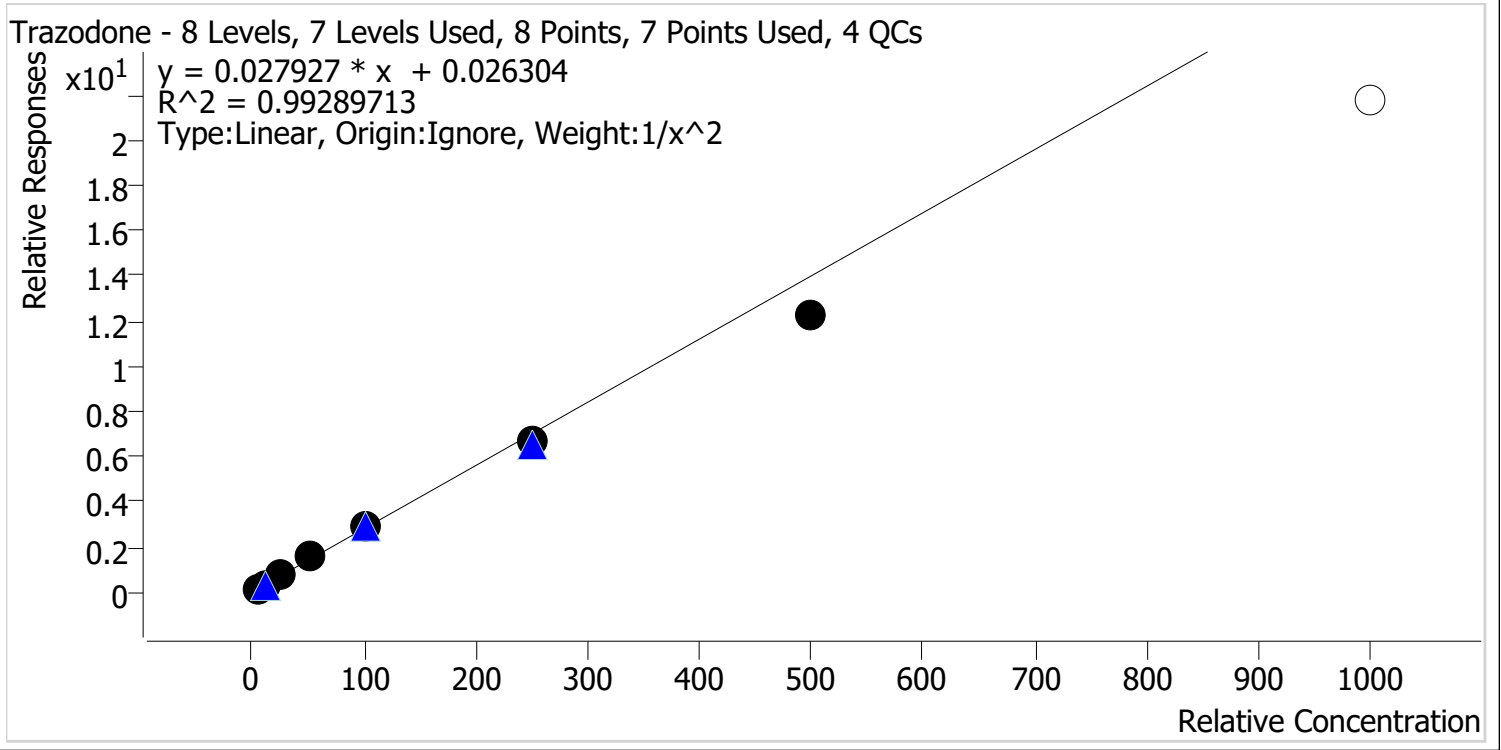


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 99.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 102.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.2 | 100.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.2 | 104.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.5 | 103.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.8 | 100.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 910.2 | 91.0 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

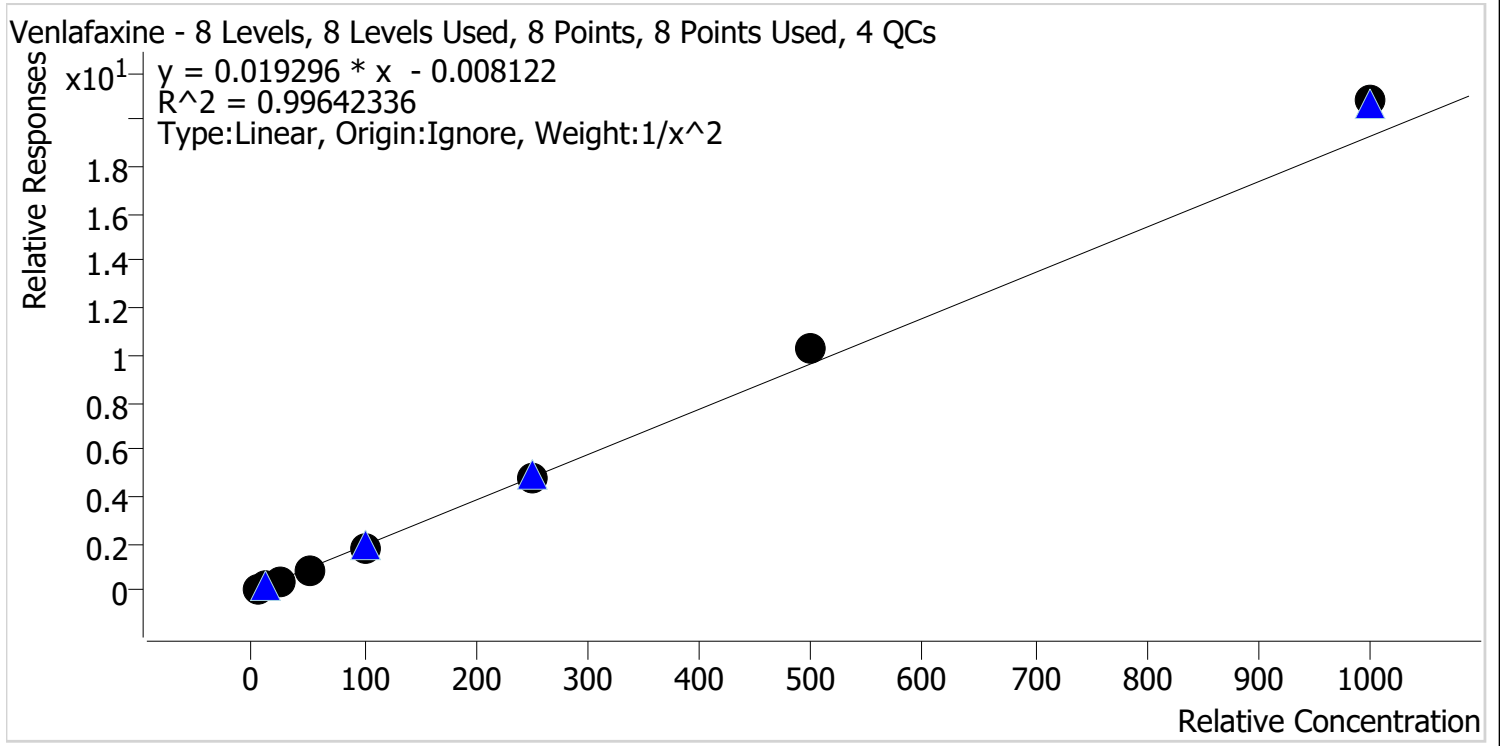


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.8 | 107.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.8 | 107.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.4 | 103.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 241.3 | 96.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 435.8 | 87.2 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 777.4 | 77.7 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

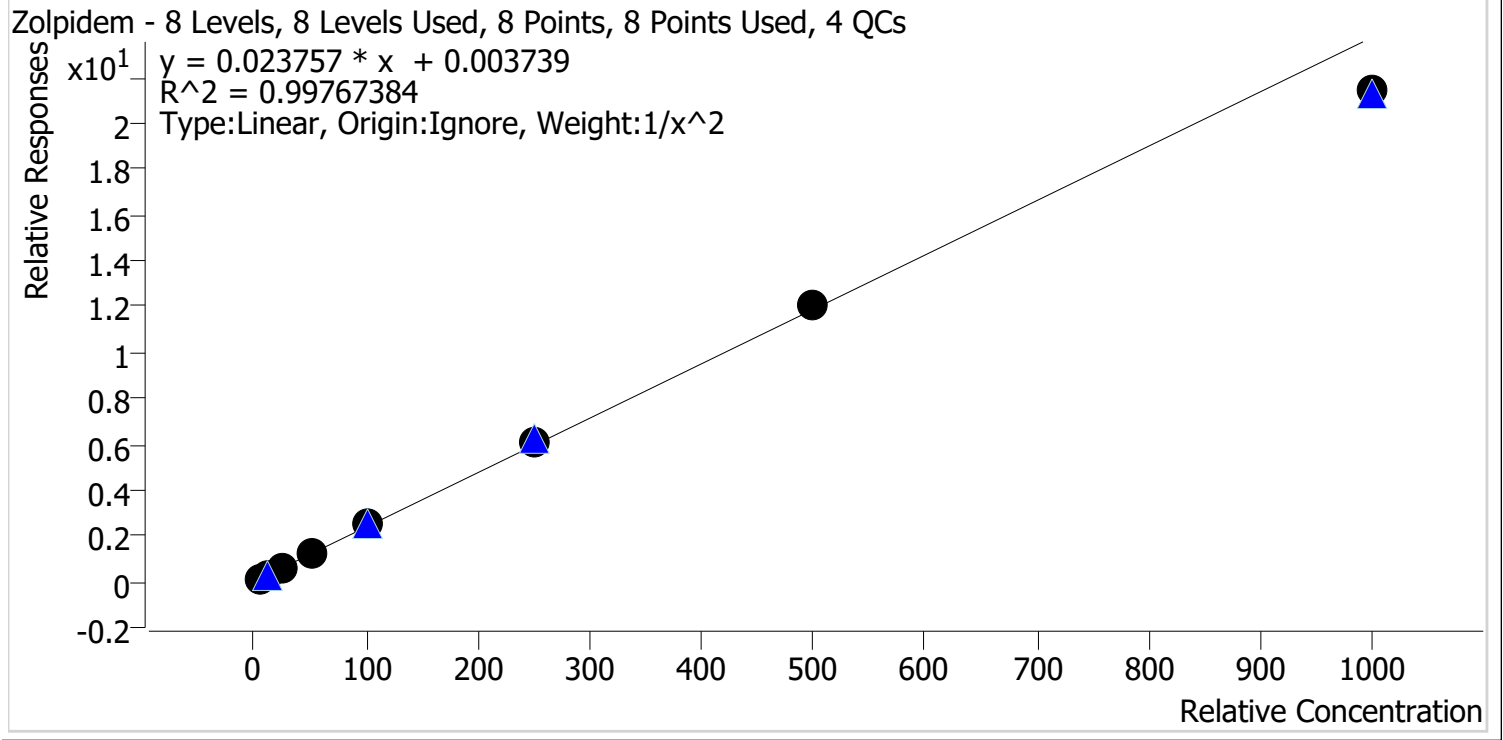


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.3 | 94.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.3 | 96.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.8 | 99.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 533.4 | 106.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1078.5 | 107.8 |



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 9/13/2023 9:48 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.1 | 100.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.7 | 101.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.5 | 103.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 257.7 | 103.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 508.9 | 101.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 902.2 | 90.2 |



AM #28 Multi-Drug Quant. Results

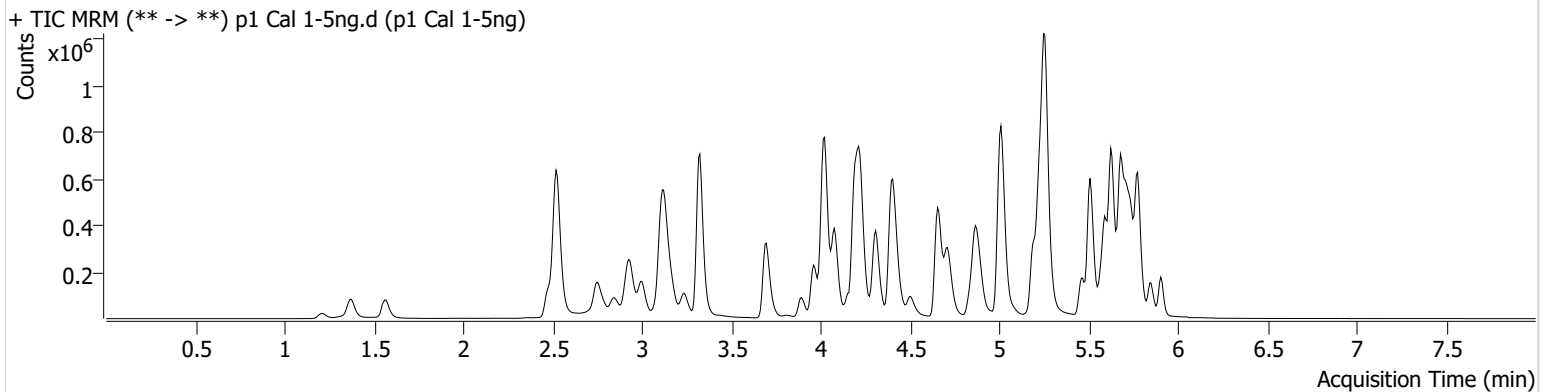
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H12
Injection Volume 2
Acq. Date-Time 9/12/2023 12:38:02 AM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|--------------|
| 6-MAM | 3.085 | 1480 | 1542.93 | 75.9 | 557.51 | 90334 | 0.5110 ng/ml |
| 7-aminoclonazepam | 4.170 | 17931 | 112.94 | 82.4 | 138.68 | 149844 | 4.9151 ng/ml |
| a-hydroxyalprazolam | 5.662 | 12319 | 76.68 | 79.1 | 107.21 | 114515 | 4.8151 ng/ml |
| alpha-PHP | 4.881 | 25208 | 372.48 | 276.9 | 13742.99 | 808412 | 4.9979 ng/ml |
| alpha-PVP | 4.316 | 104472 | 5584.89 | 47.3 | 341.27 | 808412 | 5.1022 ng/ml |
| Alprazolam | 5.739 | 46689 | 91.44 | 114.8 | 206.67 | 416299 | 5.1505 ng/ml |
| Amphetamine | 2.995 | 173653 | 879.93 | 50.2 | 220.42 | 488378 | 4.8078 ng/ml |
| Benzoylcegonine | 3.837 | 2902 | 100.67 | 9.1 | 31.71 | 17754 | 5.1059 ng/ml |
| Bromazolam | 5.771 | 18920 | 1046.09 | 120.9 | 31572.49 | 190625 | 4.8969 ng/ml |
| Buprenorphine | 5.585 | 1964 | 70.04 | 15.3 | 215.02 | 162368 | 0.4509 ng/ml |
| Bupropion | 4.724 | 95745 | 509.28 | 66.3 | 831.22 | 616090 | 5.1301 ng/ml |
| Carisoprodol | 5.687 | 54039 | 538.58 | 58.1 | 83.91 | 493514 | 5.0876 ng/ml |
| Citalopram | 5.192 | 77923 | 392.31 | 36.3 | 178.94 | 713316 | 5.1560 ng/ml |
| Clonazepam | 5.575 | 57895 | 974.59 | 35.4 | 78.53 | 150524 | 4.8903 ng/ml |
| Clonazolam | 5.525 | 43540 | 41470.60 | 33.3 | 854.94 | 150524 | 4.8916 ng/ml |
| Cocaine | 4.224 | 66405 | 83013.47 | 53.0 | 959.07 | 1145157 | 4.9979 ng/ml |
| Codeine | 2.519 | 8186 | 318.72 | 113.0 | 318.94 | 97479 | 4.8090 ng/ml |
| Cyclobenzaprine | 5.598 | 83945 | 152206.45 | 7.7 | 72.08 | 696290 | 5.2067 ng/ml |
| Dextromethorphan | 5.236 | 52184 | 4073.68 | 83.4 | 530.32 | 483476 | 5.0483 ng/ml |
| Dextrorphan | 4.084 | 33515 | 526.30 | 204.5 | 11685.94 | 752014 | 5.1631 ng/ml |
| Diazepam | 5.911 | 25774 | 392.41 | 95.4 | 198.76 | 272693 | 4.9595 ng/ml |
| Dihydrocodeine | 2.504 | 24011 | 1308.83 | 56.7 | 298.39 | 262289 | 4.7745 ng/ml |
| Diphenhydramine | 5.257 | 226351 | 310.25 | 29.4 | 1432.78 | 2281989 | 5.1478 ng/ml |
| Doxylamine | 4.423 | 183109 | 16610.12 | 101.2 | 1456.89 | 1612319 | 5.0824 ng/ml |
| Duloxetine | 5.624 | 9429 | 509.45 | 12.6 | 946.14 | 100407 | 5.0037 ng/ml |
| EDDP | 5.228 | 87986 | 211.40 | 42.3 | 560.25 | 954756 | 5.1554 ng/ml |
| Etizolam | 5.778 | 19518 | 410.27 | 27.3 | 9853.93 | 150524 | 5.2372 ng/ml |
| Fentanyl | 5.028 | 7348 | 101.06 | 77.8 | 10604.70 | 761635 | 0.5242 ng/ml |
| Fluorofentanyl | 5.081 | 20505 | ∞ | 37.0 | 3008.26 | 8064 | 0.5041 ng/ml |
| Fluoxetine | 5.685 | 96879 | 242.41 | 7.6 | 5087.71 | 693045 | 5.1443 ng/ml |
| Hydrocodone | 2.965 | 39242 | 165.57 | 30.2 | 148.33 | 397015 | 4.8467 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|----------|-----------------|----------|------------|--------------|
| Hydromorphone | 1.569 | 35151 | 1618.94 | 69.7 | 81911.00 | 204513 | 5.0650 ng/ml |
| Hydroxyzine | 5.661 | 83442 | 975.14 | 71.8 | 1281.96 | 483476 | 5.2454 ng/ml |
| Ketamine | 3.975 | 64925 | 1372.38 | 37.9 | 61.69 | 515120 | 4.8487 ng/ml |
| Lamotrigine | 4.213 | 6572 | 407.29 | 76.5 | 1916.93 | 1665566 | 4.9189 ng/ml |
| Lorazepam | 5.711 | 51150 | 960.03 | 43.1 | 39.31 | 621070 | 4.7880 ng/ml |
| MDA | 3.150 | 112003 | 1008.50 | 31.4 | 221.35 | 739504 | 4.9253 ng/ml |
| MDMA | 3.244 | 63205 | 3900.89 | 91.6 | 439.49 | 154714 | 5.0356 ng/ml |
| Meprobamate | 4.861 | 32743 | 1576.75 | 31.3 | 292.93 | 280261 | 4.8687 ng/ml |
| Methadone | 5.630 | 153855 | 439.23 | 44.6 | 359.82 | 1158627 | 5.0821 ng/ml |
| Methamphetamine | 3.171 | 143869 | 381.58 | 40.1 | 898.36 | 1092442 | 4.8497 ng/ml |
| Metoprolol | 4.287 | 16868 | 66.76 | 99.6 | 491.57 | 1393073 | 4.7989 ng/ml |
| Mirtazapine | 4.505 | 138190 | 3731.24 | 46.5 | 578.49 | 808412 | 5.1858 ng/ml |
| Mitragynine | 5.163 | 28640 | 51966.38 | 34.7 | 562.88 | 1158627 | 5.2060 ng/ml |
| Morphine | 1.220 | 5414 | 895.27 | 34.0 | 29.33 | 29319 | 4.9383 ng/ml |
| Norbuprenorphine | 4.957 | 448 | 297.38 | 73.7 Low | 104.87 | 25442 | 0.6098 ng/ml |
| Nordiazepam | 5.851 | 33494 | 1715.22 | 64.4 | 310.46 | 231478 | 4.9596 ng/ml |
| Norfentanyl | 4.043 | 15185 | 164.56 | 35.6 | 43.64 | 1204481 | 0.5251 ng/ml |
| Norhydrocodone | 3.026 | 8128 | 842.22 | 36.8 | 38.54 | 135131 | 5.3551 ng/ml |
| Noroxycodone | 2.862 | 38160 | 774.45 | 45.5 | 483.24 | 238976 | 3.8789 ng/ml |
| O-desmethyl-tramadol | 3.324 | 144301 | 12340.03 | 5.5 | 1028.35 | 1700697 | 5.1180 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 127651 | 3832.85 | 27.7 | 258.78 | 374077 | 5.1496 ng/ml |
| Olanzapine | 3.979 | 19808 | 449.88 | 55.9 | 264.02 | 106921 | 4.8828 ng/ml |
| Oxazepam | 5.720 | 60014 | 234.02 | 71.5 | 184.94 | 621070 | 4.9967 ng/ml |
| Oxycodone | 2.781 | 66048 | 805.24 | 29.1 | 526.17 | 520694 | 4.9571 ng/ml |
| Oxymorphone | 1.371 | 36112 | 200.14 | 43.8 | 284.84 | 232758 | 5.0285 ng/ml |
| Phentermine | 3.733 | 32827 | 283.82 | 7.1 | 139.29 | 898596 | 4.8182 ng/ml |
| Promethazine | 5.508 | 134737 | 6383.02 | 31.1 | 1638.61 | 1219424 | 5.1514 ng/ml |
| Pseudoephedrine | 2.535 | 161696 | 322.31 | 15.8 | 807.84 | 1665566 | 5.2680 ng/ml |
| Quetiapine | 5.469 | 103105 | 317.86 | 53.2 | 43561.73 | 285819 | 4.9806 ng/ml |
| Sertraline | 5.747 | 32675 | 432.23 | 95.3 | 70250.38 | 290474 | 5.1079 ng/ml |
| Temazepam | 5.781 | 94170 | 1331.54 | 27.8 | 28.24 | 888996 | 5.1281 ng/ml |
| Tramadol | 4.206 | 138147 | 511.06 | 3.3 | 20.66 | 1393073 | 4.9881 ng/ml |
| Trazodone | 4.890 | 143961 | 4470.55 | 55.3 | 737.03 | 885492 | 4.8796 ng/ml |
| Venlafaxine | 5.002 | 132192 | 402.22 | 35.5 | 187.52 | 1447857 | 5.1526 ng/ml |
| Xylazine | 4.030 | 53654 | 56128.56 | 45.0 | 115.31 | 391880 | 5.0571 ng/ml |
| Zolpidem | 4.674 | 146629 | 971.98 | 28.6 | 853.66 | 1202959 | 4.9733 ng/ml |



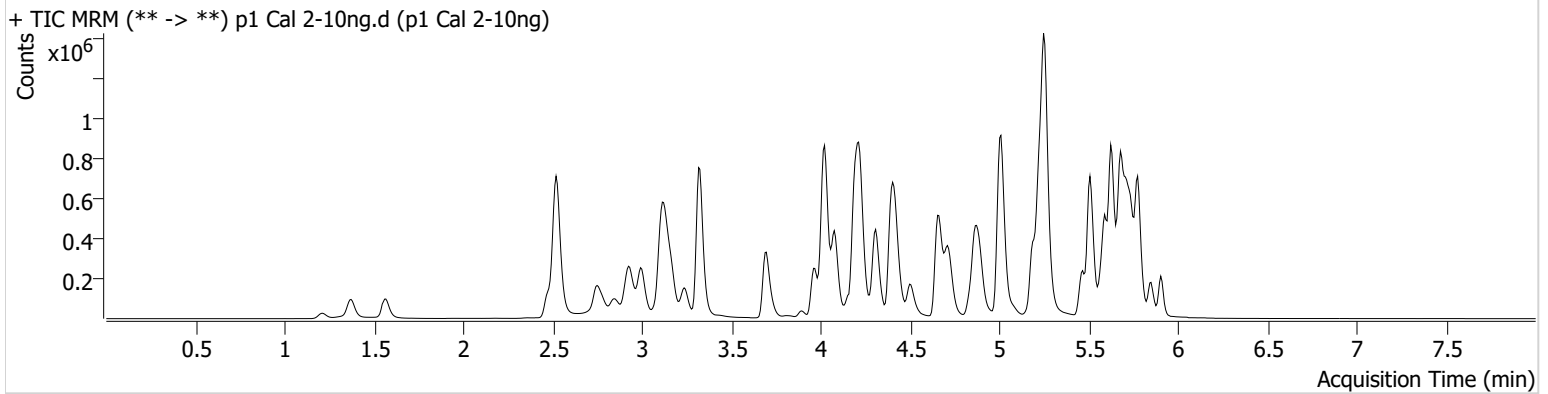
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) Data File p1 Cal 2-10ng.d
Type Cal Sample p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-G12 Comment
Injection Volume 2
Acq. Date-Time 9/12/2023 12:48:49 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.085 | 2843 | 1433.65 | 71.1 | 409.35 | 89942 | 0.9674 ng/ml |
| 7-aminoclonazepam | 4.170 | 35360 | 244.38 | 81.9 | 260.59 | 146803 | 10.1273 ng/ml |
| a-hydroxyalprazolam | 5.662 | 26916 | 224.82 | 74.0 | 904.08 | 108861 | 10.6307 ng/ml |
| alpha-PHP | 4.881 | 52597 | 1959.86 | 264.9 | 269.46 | 827410 | 9.9949 ng/ml |
| alpha-PVP | 4.316 | 211658 | 15545.18 | 46.9 | 36159.38 | 827410 | 9.7941 ng/ml |
| Alprazolam | 5.739 | 94054 | 1076.79 | 115.0 | 1508.54 | 426520 | 9.6428 ng/ml |
| Amphetamine | 2.995 | 347684 | 729.69 | 50.5 | 1112.54 | 498641 | 10.3545 ng/ml |
| Benzoylcegonine | 3.837 | 5286 | 136.54 | 8.4 | 39.58 | 17871 | 9.5095 ng/ml |
| Bromazolam | 5.771 | 39100 | 38921.38 | 118.4 | 51347.29 | 193075 | 10.2478 ng/ml |
| Buprenorphine | 5.585 | 4784 | 201.16 | 15.2 | 567.70 | 164067 | 1.1742 ng/ml |
| Bupropion | 4.724 | 194777 | 10979.94 | 67.0 | 681.77 | 633188 | 9.7355 ng/ml |
| Carisoprodol | 5.687 | 109632 | 124305.86 | 56.7 | 77.43 | 489674 | 9.8414 ng/ml |
| Citalopram | 5.186 | 157649 | 233.09 | 38.2 | 713.62 | 738670 | 9.5955 ng/ml |
| Clonazepam | 5.575 | 115725 | 2731.38 | 35.6 | 736.06 | 156604 | 9.9983 ng/ml |
| Clonazolam | 5.518 | 85686 | 99195.51 | 32.4 | 3395.00 | 156604 | 9.9732 ng/ml |
| Cocaine | 4.217 | 135402 | 295857.80 | 53.7 | 448.01 | 1149008 | 10.0790 ng/ml |
| Codeine | 2.512 | 16458 | 370.54 | 112.7 | 539.71 | 97964 | 10.3085 ng/ml |
| Cyclobenzaprine | 5.598 | 168962 | 270.04 | 8.3 | 378.71 | 711071 | 9.5886 ng/ml |
| Dextromethorphan | 5.229 | 104917 | 514.05 | 80.9 | 5196.84 | 486473 | 9.8709 ng/ml |
| Dextrorphan | 4.084 | 65302 | 2267.97 | 209.5 | 705.05 | 766805 | 9.6343 ng/ml |
| Diazepam | 5.911 | 52755 | 374.38 | 89.8 | 321.66 | 280329 | 9.9603 ng/ml |
| Dihydrocodeine | 2.504 | 47826 | 278.60 | 57.5 | 314.80 | 264607 | 10.3347 ng/ml |
| Diphenhydramine | 5.257 | 456828 | 189.91 | 29.4 | 4630.65 | 2359917 | 9.5970 ng/ml |
| Doxylamine | 4.423 | 373362 | 5895.35 | 102.5 | 24108.35 | 1678441 | 9.7514 ng/ml |
| Duloxetine | 5.624 | 18479 | 666.36 | 12.6 | 131.31 | 98549 | 10.0604 ng/ml |
| EDDP | 5.228 | 180624 | 2640.40 | 43.6 | 3442.95 | 1010347 | 9.6522 ng/ml |
| Etizolam | 5.778 | 38629 | 4494.59 | 25.8 | 5941.97 | 156604 | 9.3759 ng/ml |
| Fentanyl | 5.028 | 14516 | 591.38 | 77.2 | 316.58 | 784849 | 0.9424 ng/ml |
| Fluorofentanyl | 5.074 | 41809 | 475.08 | 35.3 | 9742.04 | 8059 | 0.9887 ng/ml |
| Fluoxetine | 5.685 | 191601 | 1366.69 | 8.1 | 18438.73 | 694161 | 9.7020 ng/ml |
| Hydrocodone | 2.958 | 77677 | 203.60 | 29.8 | 81.34 | 402913 | 10.1924 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|----------|-------------------|---------|------------|---------------|
| Hydromorphone | 1.569 | 68634 | 15617.64 | 71.2 | 2455.87 | 206637 | 9.7608 ng/ml |
| Hydroxyzine | 5.661 | 166466 | 1203.02 | 74.5 | 2470.91 | 486473 | 9.5413 ng/ml |
| Ketamine | 3.975 | 126413 | 3110.81 | 39.0 | 365.91 | 530545 | 10.0440 ng/ml |
| Lamotrigine | 4.213 | 11880 | 233.05 | 86.9 | 574.99 | 1673649 | 9.8504 ng/ml |
| Lorazepam | 5.711 | 96504 | 1088.31 | 49.9 | 190.67 | 627633 | 10.2540 ng/ml |
| MDA | 3.150 | 215550 | 1753.07 | 31.4 | 552.75 | 755375 | 9.9476 ng/ml |
| MDMA | 3.244 | 127014 | 67288.10 | 91.4 | 1576.39 | 157108 | 9.8587 ng/ml |
| Meprobamate | 4.861 | 63187 | 624.92 | 31.3 | 269.00 | 288324 | 10.0379 ng/ml |
| Methadone | 5.630 | 323794 | 22710.53 | 42.4 | 1050.56 | 1198127 | 9.8183 ng/ml |
| Methamphetamine | 3.171 | 279801 | 715.21 | 40.0 | 4795.71 | 1118340 | 10.2348 ng/ml |
| Metoprolol | 4.287 | 36610 | 38795.66 | 96.5 | 748.95 | 1430101 | 10.5470 ng/ml |
| Mirtazapine | 4.498 | 280740 | 1879.90 | 46.5 | 1350.08 | 827410 | 9.6683 ng/ml |
| Mitragynine | 5.156 | 60988 | 548.69 | 32.1 | 4285.29 | 1198127 | 9.6070 ng/ml |
| Morphine | 1.220 | 10620 | 324.46 | 36.4 | 178.41 | 28746 | 9.9888 ng/ml |
| Norbuprenorphine | 4.964 | 612 | 444.04 | 126.8 High | 246.48 | 26376 | 0.8817 ng/ml |
| Nordiazepam | 5.851 | 68539 | 392.06 | 60.7 | 374.90 | 235149 | 10.0788 ng/ml |
| Norfentanyl | 4.043 | 29259 | ∞ | 36.8 | 101.77 | 1214283 | 0.9444 ng/ml |
| Norhydrocodone | 3.019 | 16184 | 192.70 | 36.6 | 173.30 | 131180 | 9.3486 ng/ml |
| Noroxycodone | 2.862 | 72725 | 310.94 | 47.7 | 151.32 | 235580 | 9.2054 ng/ml |
| O-desmethyl-tramadol | 3.324 | 288393 | 1189.30 | 5.6 | 858.52 | 1711355 | 9.7913 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 255554 | 7599.27 | 28.0 | 640.00 | 372258 | 9.7208 ng/ml |
| Olanzapine | 3.986 | 15079 | 673.07 | 54.5 | 76.69 | 42291 | 10.0330 ng/ml |
| Oxazepam | 5.713 | 117204 | 909.09 | 78.8 | 403.33 | 627633 | 9.8895 ng/ml |
| Oxycodone | 2.774 | 132251 | 710.60 | 28.2 | 2507.56 | 519409 | 10.0322 ng/ml |
| Oxymorphone | 1.371 | 68393 | 362.41 | 45.0 | 410.39 | 228497 | 9.7973 ng/ml |
| Phentermine | 3.726 | 66083 | 287.18 | 6.9 | 86.33 | 921236 | 10.1725 ng/ml |
| Promethazine | 5.508 | 274386 | 1939.68 | 30.7 | 469.27 | 1236869 | 9.6893 ng/ml |
| Pseudoephedrine | 2.528 | 321246 | 1362.88 | 16.9 | 7627.10 | 1673649 | 9.4724 ng/ml |
| Quetiapine | 5.469 | 208059 | 269.36 | 56.5 | 4839.80 | 297235 | 9.8768 ng/ml |
| Sertraline | 5.747 | 63003 | 698.30 | 94.7 | 3656.73 | 285491 | 9.8434 ng/ml |
| Temazepam | 5.781 | 186870 | 683.19 | 27.8 | 198.93 | 885126 | 9.8152 ng/ml |
| Tramadol | 4.206 | 273569 | 654.99 | 3.3 | 56.87 | 1430101 | 9.9145 ng/ml |
| Trazodone | 4.890 | 281127 | 1550.78 | 57.2 | 1232.49 | 916614 | 10.0402 ng/ml |
| Venlafaxine | 5.002 | 267288 | 733.17 | 35.9 | 187.09 | 1492206 | 9.7039 ng/ml |
| Xylazine | 4.030 | 105628 | 1392.81 | 45.3 | 440.75 | 397849 | 9.7928 ng/ml |
| Zolpidem | 4.674 | 294675 | 2978.35 | 29.0 | 2986.67 | 1218199 | 10.0246 ng/ml |



AM #28 Multi-Drug Quant. Results

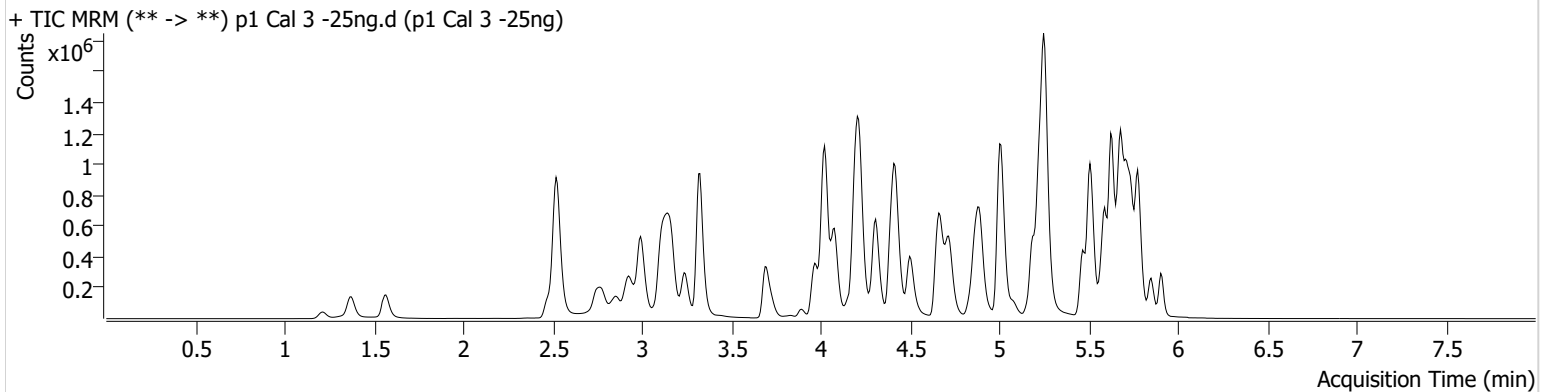
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F12
Injection Volume 2
Acq. Date-Time 9/12/2023 12:59:28 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.085 | 7690 | 7338.12 | 76.9 | 8431.04 | 93809 | 2.4775 ng/ml |
| 7-aminoclonazepam | 4.170 | 84388 | 190.91 | 81.2 | 362.82 | 137889 | 26.0880 ng/ml |
| a-hydroxyalprazolam | 5.662 | 66192 | 164.46 | 72.3 | 441.07 | 109224 | 25.5696 ng/ml |
| alpha-PHP | 4.881 | 133079 | 440.46 | 264.4 | 6554.91 | 826681 | 25.0253 ng/ml |
| alpha-PVP | 4.309 | 533096 | 658.69 | 47.8 | 1245.14 | 826681 | 24.2155 ng/ml |
| Alprazolam | 5.739 | 234538 | 505.56 | 116.6 | ∞ | 417385 | 23.7962 ng/ml |
| Amphetamine | 2.995 | 871108 | 780.57 | 50.0 | 5677.90 | 504898 | 27.0431 ng/ml |
| Benzoylcegonine | 3.837 | 14015 | 529.16 | 8.3 | 1916.35 | 18079 | 25.4560 ng/ml |
| Bromazolam | 5.771 | 95020 | 20658.26 | 121.4 | 7105.65 | 189896 | 25.6827 ng/ml |
| Buprenorphine | 5.578 | 10487 | 520.70 | 16.4 | 2402.88 | 168065 | 2.5836 ng/ml |
| Bupropion | 4.724 | 489185 | 1746.40 | 66.8 | 545.63 | 623531 | 24.1662 ng/ml |
| Carisoprodol | 5.687 | 274674 | 436717.99 | 53.7 | 255.04 | 480722 | 24.2825 ng/ml |
| Citalopram | 5.186 | 406232 | 1284.39 | 37.7 | 792.04 | 727420 | 24.2987 ng/ml |
| Clonazepam | 5.575 | 294350 | 12913.63 | 34.6 | 2740.41 | 153408 | 27.0054 ng/ml |
| Clonazolam | 5.518 | 213998 | 22446.74 | 33.5 | 14804.70 | 153408 | 26.6793 ng/ml |
| Cocaine | 4.217 | 336409 | 563.52 | 53.3 | 685.70 | 1149449 | 24.9202 ng/ml |
| Codeine | 2.512 | 41902 | 268.01 | 109.0 | 172.08 | 98051 | 27.2826 ng/ml |
| Cyclobenzaprine | 5.591 | 429533 | 51018.24 | 7.8 | 784.57 | 710551 | 23.3232 ng/ml |
| Dextromethorphan | 5.229 | 263014 | 1377.11 | 79.7 | 404.40 | 484267 | 24.5290 ng/ml |
| Dextrorphan | 4.077 | 163237 | 19130.63 | 213.9 | 117758.54 | 761548 | 23.8629 ng/ml |
| Diazepam | 5.911 | 135219 | 277.63 | 89.3 | 331.51 | 276488 | 26.0230 ng/ml |
| Dihydrocodeine | 2.504 | 120977 | 2256.33 | 59.1 | 1614.07 | 267094 | 27.3017 ng/ml |
| Diphenhydramine | 5.257 | 1155465 | 66700.31 | 29.2 | 220.31 | 2301688 | 24.1359 ng/ml |
| Doxylamine | 4.416 | 947268 | 5428.77 | 102.5 | 7205.61 | 1691513 | 24.2272 ng/ml |
| Duloxetine | 5.624 | 44324 | 1420.39 | 14.2 | 390.03 | 97104 | 24.5902 ng/ml |
| EDDP | 5.228 | 464743 | 6978.18 | 42.4 | 186.55 | 1023415 | 23.9461 ng/ml |
| Etizolam | 5.778 | 101948 | 109803.48 | 25.7 | 4694.29 | 153408 | 24.1588 ng/ml |
| Fentanyl | 5.028 | 38236 | 465.95 | 78.7 | 24840.60 | 793857 | 2.3443 ng/ml |
| Fluorofentanyl | 5.074 | 107655 | 2585.30 | 35.9 | 2086.52 | 7869 | 2.5448 ng/ml |
| Fluoxetine | 5.685 | 474171 | 916.77 | 8.1 | 968.11 | 678781 | 23.8386 ng/ml |
| Hydrocodone | 2.958 | 194374 | ∞ | 31.1 | 131.55 | 409820 | 26.2107 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|------------|-------|-----------|------------|---------------|
| Hydromorphone | 1.569 | 174912 | 3633.18 | 72.0 | 722420.05 | 205969 | 24.9103 ng/ml |
| Hydroxyzine | 5.661 | 413769 | 20445.48 | 77.3 | 1091.39 | 484267 | 22.5157 ng/ml |
| Ketamine | 3.975 | 321322 | 8672.78 | 39.0 | 1109.41 | 528491 | 27.1590 ng/ml |
| Lamotrigine | 4.213 | 29032 | 451.05 | 85.7 | 19313.60 | 1641074 | 26.4182 ng/ml |
| Lorazepam | 5.711 | 233129 | 11500.64 | 47.0 | 316.68 | 615254 | 27.4904 ng/ml |
| MDA | 3.143 | 549428 | 1637.17 | 31.4 | 1127.18 | 751623 | 26.6623 ng/ml |
| MDMA | 3.244 | 325267 | 2238.52 | 90.6 | 2311.38 | 156365 | 25.1961 ng/ml |
| Meprobamate | 4.861 | 161525 | 513.18 | 30.6 | 305.53 | 288087 | 27.2908 ng/ml |
| Methadone | 5.630 | 821170 | 1993.03 | 43.2 | 20876.99 | 1187269 | 24.3378 ng/ml |
| Methamphetamine | 3.171 | 682513 | 1678.95 | 40.8 | 4352.41 | 1126803 | 26.3910 ng/ml |
| Metoprolol | 4.287 | 89424 | 3136.11 | 99.9 | 2422.03 | 1450565 | 25.9059 ng/ml |
| Mirtazapine | 4.498 | 702601 | 1573.51 | 46.5 | 194312.74 | 826681 | 23.2629 ng/ml |
| Mitragynine | 5.156 | 156867 | 1135.40 | 31.9 | 1544.08 | 1187269 | 23.2592 ng/ml |
| Morphine | 1.220 | 27717 | 539.28 | 34.4 | 170.19 | 29209 | 25.8276 ng/ml |
| Norbuprenorphine | 4.957 | 1530 | 363.55 | 93.3 | 946.82 | 26255 | 2.5966 ng/ml |
| Nordiazepam | 5.851 | 167226 | 859.03 | 63.7 | 1693.09 | 230434 | 25.2240 ng/ml |
| Norfentanyl | 4.043 | 74666 | 336.13 | 35.6 | 544.15 | 1205229 | 2.3259 ng/ml |
| Norhydrocodone | 3.019 | 39528 | 169.30 | 40.4 | 105.36 | 123941 | 21.7008 ng/ml |
| Noroxycodone | 2.862 | 188813 | 790.69 | 47.2 | 1033.74 | 236427 | 26.7160 ng/ml |
| O-desmethyl-tramadol | 3.324 | 731244 | 2904.79 | 5.8 | 595.02 | 1736797 | 23.8950 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 639481 | 13618.78 | 28.6 | 1252.45 | 365196 | 23.8160 ng/ml |
| Olanzapine | 3.979 | 62605 | 370.81 | 55.7 | 578.40 | 68958 | 26.6087 ng/ml |
| Oxazepam | 5.713 | 287825 | 1293.32 | 75.2 | 270.81 | 615254 | 25.1513 ng/ml |
| Oxycodone | 2.774 | 338754 | 1092.20 | 28.5 | 654.58 | 526448 | 25.4772 ng/ml |
| Oxymorphone | 1.371 | 180324 | ∞ | 42.9 | 184.38 | 231787 | 25.6304 ng/ml |
| Phentermine | 3.726 | 170193 | 316.38 | 6.8 | 470.70 | 925597 | 27.2298 ng/ml |
| Promethazine | 5.508 | 707488 | 11420.22 | 30.4 | 6443.82 | 1240835 | 23.8857 ng/ml |
| Pseudoephedrine | 2.528 | 812329 | 8515.33 | 17.1 | 15550.58 | 1641074 | 22.9041 ng/ml |
| Quetiapine | 5.469 | 536210 | 1353674.14 | 55.0 | 528.12 | 296787 | 25.8500 ng/ml |
| Sertraline | 5.747 | 146638 | 1260.38 | 96.3 | 536.51 | 273705 | 23.6337 ng/ml |
| Temazepam | 5.781 | 451598 | 13403.53 | 26.9 | 1832.97 | 866004 | 23.6433 ng/ml |
| Tramadol | 4.206 | 700140 | 578.80 | 3.5 | 207.61 | 1450565 | 25.4953 ng/ml |
| Trazodone | 4.890 | 707056 | 2940.96 | 57.5 | 248417.30 | 911053 | 26.8476 ng/ml |
| Venlafaxine | 5.002 | 682941 | 3114.94 | 35.7 | 1593.48 | 1512499 | 23.8214 ng/ml |
| Xylazine | 4.030 | 267728 | 268736.01 | 45.4 | 741.13 | 395236 | 24.9624 ng/ml |
| Zolpidem | 4.674 | 744786 | 4284.72 | 29.1 | 1745.13 | 1241680 | 25.0907 ng/ml |

AM #28 Multi-Drug Quant. Results

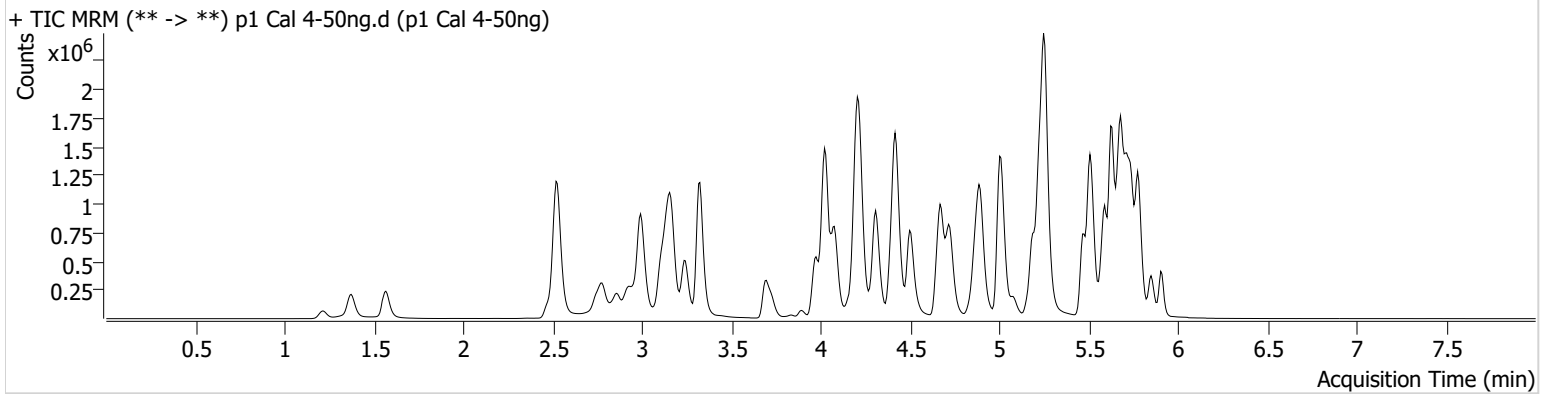


Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E12 **Comment**
Injection Volume 2
Acq. Date-Time 9/12/2023 1:10:08 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|-----------|------------|---------------|
| 6-MAM | 3.085 | 14572 | 2570.54 | 73.2 | 471.80 | 91573 | 4.7913 ng/ml |
| 7-aminoclonazepam | 4.170 | 171015 | 468.84 | 84.4 | 656.15 | 143845 | 50.8966 ng/ml |
| a-hydroxyalprazolam | 5.662 | 118309 | 503.70 | 71.6 | 353.01 | 97292 | 50.9685 ng/ml |
| alpha-PHP | 4.881 | 257710 | 4885.54 | 256.7 | 5767.15 | 793805 | 50.2797 ng/ml |
| alpha-PVP | 4.309 | 1028427 | 853.22 | 48.2 | 1932.13 | 793805 | 48.3357 ng/ml |
| Alprazolam | 5.739 | 449877 | 1539.50 | 114.7 | ∞ | 392571 | 48.0087 ng/ml |
| Amphetamine | 2.995 | 1622866 | 1877.02 | 49.6 | 2659.44 | 480710 | 53.8386 ng/ml |
| Benzoylcegonine | 3.837 | 26933 | 681.57 | 8.0 | 294.35 | 17836 | 49.8993 ng/ml |
| Bromazolam | 5.771 | 174659 | 141744.41 | 120.7 | 80021.54 | 177160 | 50.8407 ng/ml |
| Buprenorphine | 5.578 | 20265 | 1162.40 | 14.7 | 2605.95 | 163288 | 5.2002 ng/ml |
| Bupropion | 4.724 | 946112 | 41233.25 | 66.5 | 11159.36 | 607883 | 47.5212 ng/ml |
| Carisoprodol | 5.687 | 499006 | 3159.19 | 53.5 | 549.77 | 433829 | 48.3388 ng/ml |
| Citalopram | 5.186 | 766716 | 999.49 | 38.4 | 8663.33 | 694951 | 47.5150 ng/ml |
| Clonazepam | 5.575 | 534599 | 12843.66 | 35.6 | 374.82 | 145054 | 52.4746 ng/ml |
| Clonazolam | 5.518 | 398608 | 23919.19 | 33.9 | 141240.49 | 145054 | 53.3409 ng/ml |
| Cocaine | 4.217 | 641787 | 1252357.70 | 53.6 | 14549.81 | 1117810 | 48.8148 ng/ml |
| Codeine | 2.512 | 79378 | 18156.18 | 106.3 | 121.63 | 95250 | 53.8559 ng/ml |
| Cyclobenzaprine | 5.598 | 812312 | 382485.09 | 8.0 | 2635.22 | 669225 | 46.1325 ng/ml |
| Dextromethorphan | 5.229 | 503409 | 13761.47 | 79.7 | 524.19 | 452124 | 50.0587 ng/ml |
| Dextrorphan | 4.077 | 311791 | 4868.92 | 213.5 | 611.21 | 730439 | 47.2682 ng/ml |
| Diazepam | 5.911 | 253597 | 3103.32 | 89.7 | 316.82 | 265075 | 50.9890 ng/ml |
| Dihydrocodeine | 2.504 | 234452 | 125173.75 | 59.1 | 887.04 | 260955 | 55.0718 ng/ml |
| Diphenhydramine | 5.257 | 2235685 | 55366.93 | 29.6 | 47198.71 | 2198628 | 48.4048 ng/ml |
| Doxylamine | 4.416 | 1885759 | 11809.61 | 101.8 | 15589.48 | 1637009 | 49.6113 ng/ml |
| Duloxetine | 5.624 | 83143 | 9274.98 | 13.6 | 461.05 | 89603 | 50.0593 ng/ml |
| EDDP | 5.228 | 893706 | 300.93 | 43.5 | 10795.34 | 976861 | 47.8665 ng/ml |
| Etizolam | 5.778 | 188025 | 2521.01 | 25.9 | 343.74 | 145054 | 46.5050 ng/ml |
| Fentanyl | 5.028 | 72682 | 900.45 | 79.9 | 2089.42 | 753236 | 4.6280 ng/ml |
| Fluorofentanyl | 5.074 | 207887 | 639.55 | 36.8 | 21976.98 | 8095 | 4.7434 ng/ml |
| Fluoxetine | 5.685 | 892211 | 568.14 | 8.1 | 98014.28 | 631816 | 47.7118 ng/ml |
| Hydrocodone | 2.958 | 373802 | ∞ | 31.7 | 163.63 | 386352 | 54.2765 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|----------|-------|------------|------------|---------------|
| Hydromorphone | 1.569 | 339130 | 5591.90 | 72.2 | 1094215.18 | 201224 | 49.4075 ng/ml |
| Hydroxyzine | 5.661 | 820576 | 10466.38 | 75.7 | 31200.01 | 452124 | 46.8446 ng/ml |
| Ketamine | 3.975 | 610826 | 1310.97 | 39.8 | 961.84 | 510826 | 54.3670 ng/ml |
| Lamotrigine | 4.213 | 56207 | 587.82 | 83.6 | 1912.52 | 1555218 | 55.2760 ng/ml |
| Lorazepam | 5.711 | 403207 | 3064.33 | 48.1 | 588.31 | 549033 | 54.7037 ng/ml |
| MDA | 3.143 | 1012214 | 2653.96 | 31.2 | 1866.99 | 707379 | 52.9158 ng/ml |
| MDMA | 3.244 | 621180 | 5927.71 | 91.5 | 4504.70 | 152527 | 49.2253 ng/ml |
| Meprobamate | 4.861 | 298038 | 2703.60 | 30.7 | 1889.52 | 271040 | 54.5154 ng/ml |
| Methadone | 5.630 | 1583053 | 4983.51 | 43.2 | 34880.87 | 1132213 | 48.6823 ng/ml |
| Methamphetamine | 3.171 | 1305379 | 2610.12 | 40.7 | 18381.32 | 1093220 | 53.1288 ng/ml |
| Metoprolol | 4.287 | 174779 | 1293.10 | 99.3 | 1927.45 | 1413196 | 52.3344 ng/ml |
| Mirtazapine | 4.498 | 1381060 | 5051.44 | 45.8 | 2049.18 | 793805 | 46.9558 ng/ml |
| Mitragynine | 5.156 | 309454 | 2948.95 | 32.0 | 621.35 | 1132213 | 46.9917 ng/ml |
| Morphine | 1.220 | 54034 | 4184.82 | 33.8 | 384.59 | 28319 | 52.0422 ng/ml |
| Norbuprenorphine | 4.957 | 2707 | 3924.13 | 100.1 | 16.25 | 27180 | 4.6144 ng/ml |
| Nordiazepam | 5.851 | 318020 | 3500.37 | 62.3 | 837.10 | 216695 | 51.1002 ng/ml |
| Norfentanyl | 4.043 | 141931 | 1066.24 | 36.2 | 341.96 | 1120333 | 4.6883 ng/ml |
| Norhydrocodone | 3.019 | 72042 | 96.02 | 37.1 | 185.08 | 106197 | 44.4064 ng/ml |
| Noroxycodone | 2.862 | 359855 | 3772.64 | 47.7 | 1159.56 | 227545 | 54.6976 ng/ml |
| O-desmethyl-tramadol | 3.324 | 1428801 | 60881.44 | 5.8 | 10910.43 | 1674981 | 48.0235 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 1237435 | 60474.98 | 28.2 | 843.86 | 350231 | 47.4119 ng/ml |
| Olanzapine | 3.979 | 146106 | 1050.98 | 56.2 | 977.00 | 80571 | 53.8338 ng/ml |
| Oxazepam | 5.713 | 521752 | 2745.25 | 75.6 | 1038.13 | 549033 | 51.3497 ng/ml |
| Oxycodone | 2.774 | 666254 | 1246.21 | 28.3 | 5972.23 | 517814 | 51.0247 ng/ml |
| Oxymorphone | 1.371 | 341739 | ∞ | 44.6 | ∞ | 228061 | 49.4626 ng/ml |
| Phentermine | 3.726 | 327423 | 1504.66 | 6.9 | 1333.77 | 899578 | 54.6240 ng/ml |
| Promethazine | 5.508 | 1367863 | 1867.45 | 31.2 | 28267.31 | 1187285 | 47.6022 ng/ml |
| Pseudoephedrine | 2.528 | 1560680 | 16035.92 | 17.0 | 19941.90 | 1555218 | 45.4420 ng/ml |
| Quetiapine | 5.469 | 1032052 | 20756.17 | 54.8 | 45122.47 | 291210 | 50.9239 ng/ml |
| Sertraline | 5.747 | 283103 | 319.24 | 94.8 | 610.04 | 254878 | 48.8001 ng/ml |
| Temazepam | 5.781 | 827124 | 17727.87 | 27.9 | 576.99 | 788190 | 47.1658 ng/ml |
| Tramadol | 4.206 | 1334049 | 868.63 | 3.4 | 227.05 | 1413196 | 50.1643 ng/ml |
| Trazodone | 4.890 | 1325057 | 5730.39 | 59.3 | 1018.73 | 866748 | 53.7989 ng/ml |
| Venlafaxine | 5.002 | 1322409 | 19227.55 | 34.9 | 561.50 | 1460644 | 47.3410 ng/ml |
| Xylazine | 4.030 | 508937 | 84662.11 | 47.2 | 496.75 | 383077 | 48.9445 ng/ml |
| Zolpidem | 4.674 | 1467606 | 4173.20 | 28.7 | 2706.11 | 1215630 | 50.6603 ng/ml |



AM #28 Multi-Drug Quant. Results

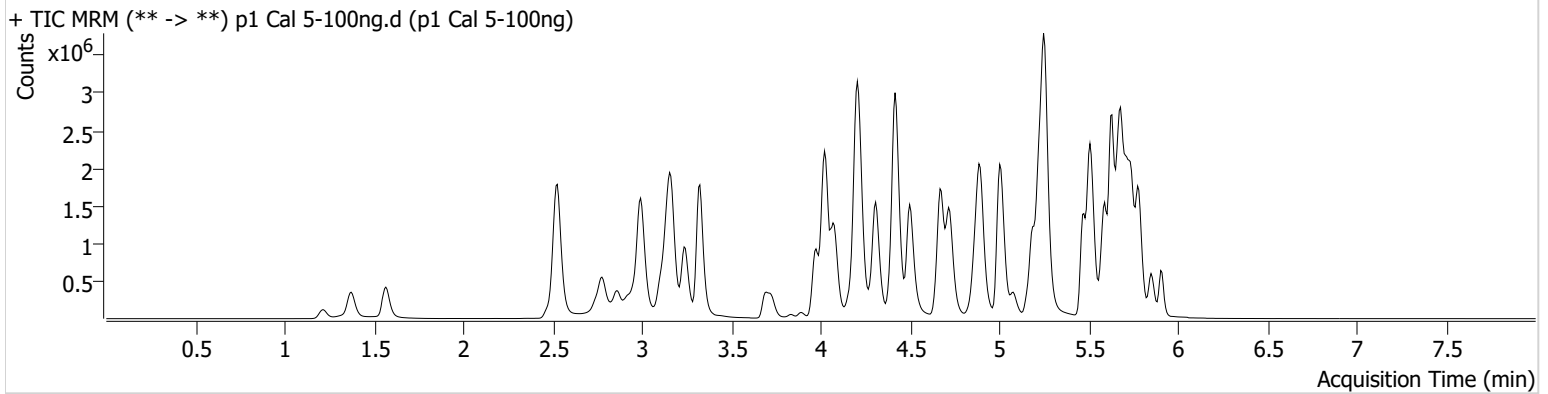
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D12
Injection Volume 2
Acq. Date-Time 9/12/2023 1:20:46 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 30106 | 853.34 | 72.7 | 56563.83 | 91309 | 9.9061 ng/ml |
| 7-aminoclonazepam | 4.170 | 379523 | 2872.29 | 83.4 | 5026.18 | 160401 | 101.5223 ng/ml |
| a-hydroxyalprazolam | 5.662 | 211582 | 805.27 | 71.6 | 763.28 | 89257 | 99.0380 ng/ml |
| alpha-PHP | 4.881 | 500631 | 2501.60 | 260.7 | 26929.82 | 770616 | 100.4264 ng/ml |
| alpha-PVP | 4.309 | 2043217 | 71317.11 | 48.7 | 46867.03 | 770616 | 98.5939 ng/ml |
| Alprazolam | 5.739 | 869753 | 1623.55 | 113.2 | 812.37 | 359277 | 100.8598 ng/ml |
| Amphetamine | 2.995 | 3012537 | 32412.68 | 49.4 | 23789.35 | 487401 | 99.3702 ng/ml |
| Benzoylcegonine | 3.837 | 54560 | 4426.22 | 8.2 | 176.74 | 18199 | 99.3906 ng/ml |
| Bromazolam | 5.771 | 312409 | 4641.22 | 123.8 | 1733.96 | 155130 | 104.1086 ng/ml |
| Buprenorphine | 5.578 | 41093 | 14977.02 | 15.8 | 646.11 | 163482 | 10.5961 ng/ml |
| Bupropion | 4.724 | 1912035 | 57450.40 | 68.1 | 33875.06 | 601823 | 96.5588 ng/ml |
| Carisoprodol | 5.694 | 888652 | 1443.23 | 53.9 | 495.38 | 383565 | 96.8200 ng/ml |
| Citalopram | 5.186 | 1553635 | 1172.32 | 38.2 | 687.42 | 681315 | 97.6748 ng/ml |
| Clonazepam | 5.575 | 991252 | 3427.28 | 35.4 | 17492.00 | 133760 | 106.1753 ng/ml |
| Clonazolam | 5.525 | 737464 | 1043136.36 | 34.8 | 242893.17 | 133760 | 107.8319 ng/ml |
| Cocaine | 4.217 | 1247979 | 595352.50 | 54.5 | 1019.50 | 1077918 | 98.3587 ng/ml |
| Codeine | 2.512 | 143850 | 3640.21 | 105.8 | 71411.59 | 93440 | 100.0721 ng/ml |
| Cyclobenzaprine | 5.598 | 1626890 | 36036.38 | 7.7 | 2958.62 | 623708 | 98.3396 ng/ml |
| Dextromethorphan | 5.229 | 976776 | 16364.33 | 77.2 | 390.16 | 436737 | 100.3334 ng/ml |
| Dextrorphan | 4.077 | 625769 | ∞ | 212.7 | 26591.29 | 699815 | 98.7406 ng/ml |
| Diazepam | 5.911 | 470275 | 2766.17 | 91.9 | 466.72 | 249224 | 100.6530 ng/ml |
| Dihydrocodeine | 2.504 | 446151 | 27364.82 | 59.8 | 1482.81 | 262649 | 104.9534 ng/ml |
| Diphenhydramine | 5.257 | 4439375 | 140644.57 | 29.6 | 1436.97 | 2109048 | 99.6942 ng/ml |
| Doxylamine | 4.416 | 3925765 | 14142.37 | 98.7 | 3505.46 | 1636225 | 103.1002 ng/ml |
| Duloxetine | 5.624 | 150015 | 1078.35 | 13.9 | 937.96 | 82745 | 97.8744 ng/ml |
| EDDP | 5.228 | 1728241 | 11388.92 | 43.0 | 14433.06 | 933574 | 96.4759 ng/ml |
| Etizolam | 5.778 | 350432 | 5030.09 | 26.3 | 91256.91 | 133760 | 93.3283 ng/ml |
| Fentanyl | 5.028 | 144411 | 787.71 | 81.6 | 75389.52 | 712560 | 9.6450 ng/ml |
| Fluorofentanyl | 5.074 | 421136 | 1436.13 | 37.5 | 1779.24 | 8105 | 9.5583 ng/ml |
| Fluoxetine | 5.685 | 1664615 | 2671525.87 | 8.0 | 135369.24 | 569161 | 98.3151 ng/ml |
| Hydrocodone | 2.958 | 738800 | ∞ | 31.2 | ∞ | 382428 | 109.1507 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------|-------|-----------|------------|----------------|
| Hydromorphone | 1.569 | 686583 | 2530678.56 | 71.8 | 11268.24 | 198393 | 101.4241 ng/ml |
| Hydroxyzine | 5.661 | 1621410 | 2504.04 | 77.2 | 105052.87 | 436737 | 94.9094 ng/ml |
| Ketamine | 3.975 | 1201896 | 1332.86 | 39.0 | 1320.36 | 518765 | 106.2627 ng/ml |
| Lamotrigine | 4.213 | 101871 | 2483.11 | 82.8 | 32855.79 | 1451493 | 108.5220 ng/ml |
| Lorazepam | 5.711 | 642406 | 1152.04 | 48.1 | 1153.75 | 457682 | 105.9344 ng/ml |
| MDA | 3.143 | 1839333 | 5838.61 | 31.1 | 3896.26 | 673192 | 101.7256 ng/ml |
| MDMA | 3.244 | 1228840 | 15266.97 | 91.4 | 4327.50 | 149072 | 99.5250 ng/ml |
| Meprobamate | 4.861 | 536710 | 36268.10 | 30.0 | 3035.44 | 266702 | 100.6265 ng/ml |
| Methadone | 5.630 | 3167651 | 2553.53 | 42.9 | 1335.44 | 1107286 | 99.0751 ng/ml |
| Methamphetamine | 3.171 | 2613893 | 34532.56 | 39.6 | ∞ | 1108872 | 105.9894 ng/ml |
| Metoprolol | 4.287 | 332761 | 888.73 | 98.3 | 3011.04 | 1344723 | 105.0734 ng/ml |
| Mirtazapine | 4.498 | 2776572 | 3500.25 | 45.3 | 7028.58 | 770616 | 96.5640 ng/ml |
| Mitragynine | 5.156 | 616114 | 934.77 | 32.0 | 985.20 | 1107286 | 94.5766 ng/ml |
| Morphine | 1.220 | 109117 | 3575.08 | 35.0 | 647.76 | 28253 | 105.4495 ng/ml |
| Norbuprenorphine | 4.957 | 5608 | 3399.64 | 99.3 | 603.79 | 26974 | 9.9067 ng/ml |
| Nordiazepam | 5.851 | 597589 | 2959.31 | 64.5 | ∞ | 207479 | 100.3710 ng/ml |
| Norfentanyl | 4.043 | 266379 | 16894.39 | 36.8 | 240.78 | 1048302 | 9.3383 ng/ml |
| Norhydrocodone | 3.019 | 132720 | 437.14 | 37.9 | 379.33 | 90465 | 94.2265 ng/ml |
| Noroxycodone | 2.862 | 699202 | 1050.19 | 47.5 | 7773.16 | 224213 | 109.6343 ng/ml |
| O-desmethyl-tramadol | 3.324 | 2891338 | 2792.00 | 5.8 | 1605.48 | 1668424 | 97.1720 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 2332029 | 134366.61 | 28.9 | 4013.96 | 325078 | 95.6138 ng/ml |
| Olanzapine | 3.979 | 319168 | 2171.59 | 57.8 | 1383.74 | 89449 | 106.5926 ng/ml |
| Oxazepam | 5.713 | 881087 | 1783.46 | 74.1 | 6483.87 | 457682 | 104.2788 ng/ml |
| Oxycodone | 2.774 | 1343917 | 11624.98 | 28.4 | 1036.23 | 520506 | 102.4728 ng/ml |
| Oxymorphone | 1.371 | 692423 | 1001.73 | 43.4 | ∞ | 226615 | 100.9669 ng/ml |
| Phentermine | 3.726 | 632289 | 1320.21 | 6.6 | 1674.79 | 894355 | 106.7968 ng/ml |
| Promethazine | 5.508 | 2723395 | 37986.43 | 30.7 | 19760.72 | 1177283 | 94.9271 ng/ml |
| Pseudoephedrine | 2.528 | 3049951 | 7626.49 | 16.9 | 625.76 | 1451493 | 94.0950 ng/ml |
| Quetiapine | 5.469 | 2056399 | 106607.03 | 56.4 | 1437.78 | 286819 | 103.2524 ng/ml |
| Sertraline | 5.747 | 514089 | 4614.51 | 96.4 | 538.89 | 230718 | 97.7107 ng/ml |
| Temazepam | 5.781 | 1414401 | 1624.65 | 27.3 | 578.71 | 645573 | 98.0285 ng/ml |
| Tramadol | 4.199 | 2629121 | ∞ | 3.5 | 450.07 | 1344723 | 104.2341 ng/ml |
| Trazodone | 4.890 | 2534993 | 7654.29 | 61.5 | 7768.80 | 870307 | 103.3556 ng/ml |
| Venlafaxine | 5.002 | 2646677 | 2046.86 | 34.9 | 1518.15 | 1430804 | 96.2854 ng/ml |
| Xylazine | 4.030 | 1004811 | 283088.04 | 48.4 | 2253.28 | 362412 | 102.1270 ng/ml |
| Zolpidem | 4.674 | 3029707 | 9293.62 | 28.6 | 3012.75 | 1229874 | 103.5349 ng/ml |

AM #28 Multi-Drug Quant. Results

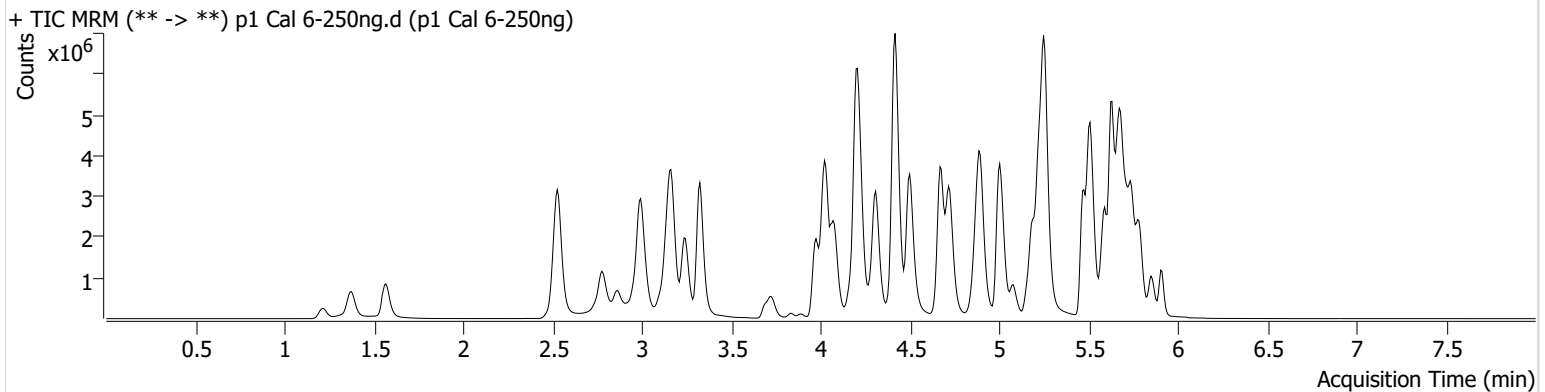


Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng.d
Type Cal **Sample** p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C12 **Comment**
Injection Volume 2
Acq. Date-Time 9/12/2023 1:31:23 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 75956 | 9307.07 | 72.2 | 1754.39 | 89239 | 25.5413 ng/ml |
| 7-aminoclonazepam | 4.163 | 956360 | 936.69 | 81.8 | 955.02 | 162905 | 252.2358 ng/ml |
| a-hydroxyalprazolam | 5.655 | 365695 | 436.88 | 71.1 | 532.90 | 61751 | 246.9236 ng/ml |
| alpha-PHP | 4.874 | 1145272 | 11441.07 | 259.8 | 14571.51 | 718337 | 246.1898 ng/ml |
| alpha-PVP | 4.309 | 4705220 | 3161.90 | 50.1 | 86399.77 | 718337 | 243.1120 ng/ml |
| Alprazolam | 5.733 | 1792743 | 1632.14 | 112.5 | 1384.81 | 290642 | 256.2114 ng/ml |
| Amphetamine | 2.995 | 5973588 | 92270.67 | 48.1 | 5682.88 | 453845 | 212.6999 ng/ml |
| Benzoylcegonine | 3.831 | 144133 | 11866.50 | 7.9 | 582.99 | 19019 | 251.7562 ng/ml |
| Bromazolam | 5.771 | 574929 | 561028.10 | 125.7 | 33064.08 | 121634 | 244.6841 ng/ml |
| Buprenorphine | 5.578 | 91463 | 135072.43 | 14.3 | 19329.87 | 162002 | 23.8770 ng/ml |
| Bupropion | 4.724 | 4687226 | 4208.21 | 66.1 | 2271.91 | 577692 | 245.9305 ng/ml |
| Carisoprodol | 5.694 | 1514941 | 2602532.51 | 53.6 | 558.15 | 243751 | 258.8261 ng/ml |
| Citalopram | 5.186 | 3519604 | 2055.66 | 37.5 | 1081.83 | 603179 | 249.1552 ng/ml |
| Clonazepam | 5.575 | 1792704 | 32517.87 | 35.3 | ∞ | 106965 | 240.9472 ng/ml |
| Clonazolam | 5.525 | 1381852 | 1514914.41 | 35.3 | 336289.60 | 106965 | 253.7546 ng/ml |
| Cocaine | 4.217 | 2769147 | 1336.00 | 54.4 | 64842.81 | 940634 | 249.9852 ng/ml |
| Codeine | 2.512 | 269348 | 624.13 | 105.4 | 205.63 | 83851 | 209.5512 ng/ml |
| Cyclobenzaprine | 5.598 | 3581969 | 51199.21 | 7.4 | 1247.23 | 539054 | 249.4462 ng/ml |
| Dextromethorphan | 5.229 | 2010088 | 30033.31 | 77.8 | 29907.19 | 356408 | 252.6807 ng/ml |
| Dextrorphan | 4.077 | 1394508 | 3022.14 | 215.8 | 2510.35 | 610146 | 251.9821 ng/ml |
| Diazepam | 5.911 | 1037911 | 800.71 | 90.9 | 577.11 | 221673 | 249.8820 ng/ml |
| Dihydrocodeine | 2.497 | 974140 | 4766.24 | 60.5 | 2645.81 | 250664 | 241.3150 ng/ml |
| Diphenhydramine | 5.257 | 9895723 | 98562.15 | 29.2 | 43493.49 | 1843349 | 253.5260 ng/ml |
| Doxylamine | 4.416 | 9812697 | 502535.59 | 97.5 | 488227.10 | 1580390 | 266.4731 ng/ml |
| Duloxetine | 5.624 | 282807 | 19622.56 | 14.6 | 426.66 | 60459 | 252.6342 ng/ml |
| EDDP | 5.222 | 4235891 | 1996.26 | 42.4 | 1250.05 | 886349 | 248.4726 ng/ml |
| Etizolam | 5.778 | 737837 | 8577.20 | 25.8 | 1186.89 | 106965 | 244.6661 ng/ml |
| Fentanyl | 5.028 | 348073 | 2466.26 | 79.9 | 871.23 | 646736 | 25.5001 ng/ml |
| Fluorofentanyl | 5.074 | 1080505 | 39696.18 | 36.2 | 89250.25 | 7509 | 26.4044 ng/ml |
| Fluoxetine | 5.685 | 3320312 | 85755.41 | 8.0 | 1089.97 | 446355 | 249.3359 ng/ml |
| Hydrocodone | 2.958 | 1597214 | ∞ | 33.6 | 1535.41 | 372401 | 243.2754 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------|-------|-----------|------------|----------------|
| Hydromorphone | 1.569 | 1599560 | 8224.39 | 71.9 | 22169.14 | 187079 | 250.5389 ng/ml |
| Hydroxyzine | 5.661 | 3675523 | 27253.47 | 77.9 | 111823.45 | 356408 | 262.0843 ng/ml |
| Ketamine | 3.968 | 2658390 | 3281.98 | 38.0 | 34542.01 | 480092 | 255.3385 ng/ml |
| Lamotrigine | 4.213 | 185414 | 3119.53 | 88.3 | 3797.10 | 1190023 | 242.4466 ng/ml |
| Lorazepam | 5.711 | 834357 | 16447.35 | 46.9 | 2019.27 | 270935 | 234.2343 ng/ml |
| MDA | 3.143 | 3257006 | 3019.83 | 29.5 | 7640.88 | 554574 | 219.5280 ng/ml |
| MDMA | 3.244 | 2766788 | 31751.62 | 92.5 | 5238.39 | 132840 | 251.3001 ng/ml |
| Meprobamate | 4.855 | 1002728 | 49320.08 | 28.9 | 7654.71 | 241675 | 208.5640 ng/ml |
| Methadone | 5.630 | 7423514 | 73315.34 | 41.7 | 1348.81 | 989380 | 259.0343 ng/ml |
| Methamphetamine | 3.171 | 5839529 | 47875.42 | 39.4 | 2791.55 | 1093608 | 241.5249 ng/ml |
| Metoprolol | 4.280 | 720395 | 1706.35 | 99.0 | 1254.16 | 1238163 | 247.5372 ng/ml |
| Mirtazapine | 4.498 | 6716114 | 67453.94 | 43.8 | 74375.17 | 718337 | 249.5607 ng/ml |
| Mitragynine | 5.156 | 1457574 | 1246293.49 | 32.9 | 584781.37 | 989380 | 248.6776 ng/ml |
| Morphine | 1.213 | 257770 | 1986.69 | 35.3 | ∞ | 27864 | 252.7381 ng/ml |
| Norbuprenorphine | 4.957 | 13562 | 1422.10 | 101.1 | 8438.12 | 25940 | 25.2932 ng/ml |
| Nordiazepam | 5.851 | 1212026 | 10221.21 | 63.6 | 854.64 | 166868 | 253.2487 ng/ml |
| Norfentanyl | 4.043 | 530736 | 67670.21 | 36.7 | 2576.14 | 780809 | 24.8708 ng/ml |
| Norhydrocodone | 3.019 | 276730 | 843.76 | 39.8 | 455.93 | 70576 | 249.2319 ng/ml |
| Noroxycodone | 2.862 | 1430971 | 9735.13 | 47.9 | 930.15 | 190805 | 266.2304 ng/ml |
| O-desmethyl-tramadol | 3.324 | 6930762 | 7811.64 | 5.6 | 25867.75 | 1538274 | 252.0301 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 4899843 | 61809.75 | 28.3 | 4000.05 | 261503 | 248.7177 ng/ml |
| Olanzapine | 3.979 | 953365 | 2853.95 | 58.9 | 662.97 | 116337 | 245.6978 ng/ml |
| Oxazepam | 5.713 | 1296368 | 1957.94 | 72.8 | 869.93 | 270935 | 259.5536 ng/ml |
| Oxycodone | 2.774 | 3175210 | 2846.30 | 28.4 | 1202.73 | 495231 | 254.5843 ng/ml |
| Oxymorphone | 1.371 | 1544180 | ∞ | 43.9 | ∞ | 202677 | 251.9168 ng/ml |
| Phentermine | 3.726 | 1344349 | 1269.25 | 6.3 | 2332.85 | 852539 | 239.1132 ng/ml |
| Promethazine | 5.508 | 6888177 | 2342.57 | 29.2 | 18210.76 | 1096559 | 256.6581 ng/ml |
| Pseudoephedrine | 2.535 | 6709946 | 82111.94 | 16.5 | 7901.37 | 1190023 | 250.8699 ng/ml |
| Quetiapine | 5.462 | 4764748 | 1474.53 | 59.4 | 44582.02 | 270726 | 253.7891 ng/ml |
| Sertraline | 5.747 | 958729 | 39301.46 | 95.5 | 969.06 | 167075 | 251.3439 ng/ml |
| Temazepam | 5.788 | 2233169 | 22521.33 | 27.0 | 1367.77 | 390861 | 254.9805 ng/ml |
| Tramadol | 4.199 | 5991669 | ∞ | 3.6 | 533.22 | 1238163 | 258.4538 ng/ml |
| Trazodone | 4.890 | 5287187 | 74698.30 | 65.0 | 75629.41 | 781649 | 241.2627 ng/ml |
| Venlafaxine | 5.002 | 6370172 | 76990.27 | 34.2 | 10301.14 | 1334347 | 247.8321 ng/ml |
| Xylazine | 4.023 | 2254461 | 19680.47 | 50.2 | 1654.47 | 328458 | 252.8044 ng/ml |
| Zolpidem | 4.667 | 7447114 | 24744.39 | 27.2 | 6643.53 | 1215818 | 257.6682 ng/ml |



AM #28 Multi-Drug Quant. Results

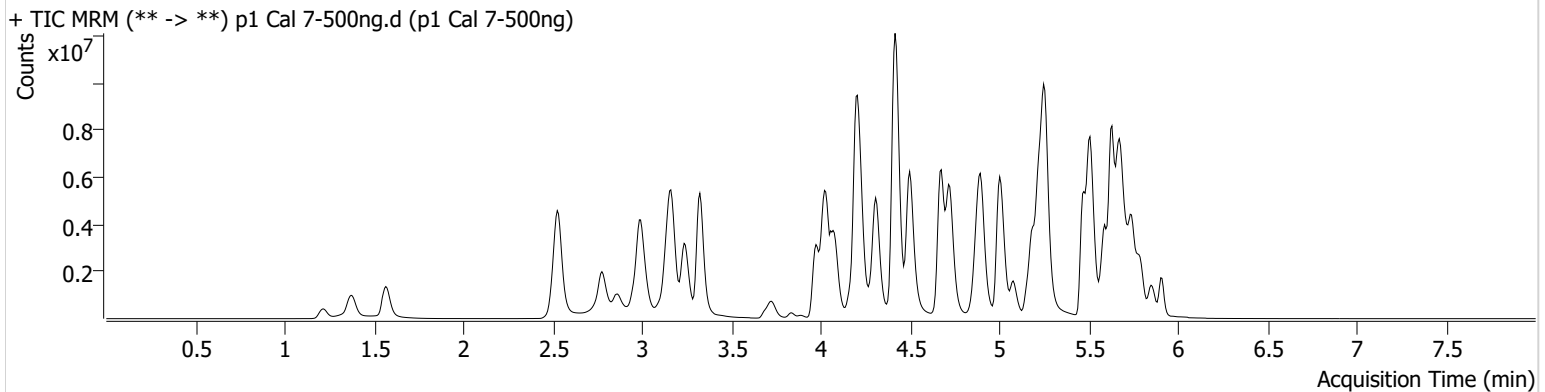
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 9/12/2023 1:42:00 AM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 144525 | 89117.97 | 71.7 | 6702.09 | 85532 | 50.6858 ng/ml |
| 7-aminoclonazepam | 4.170 | 1479614 | 680.22 | 80.8 | 668.86 | 138462 | 459.3211 ng/ml |
| a-hydroxyalprazolam | 5.655 | 421831 | 779.36 | 69.4 | 47.46 | 35760 | 491.5138 ng/ml |
| alpha-PHP | 4.874 | 1961430 | 7609.54 | 261.2 | 76338.70 | 607601 | 498.2849 ng/ml |
| alpha-PVP | 4.309 | 8480777 | 1039.84 | 48.7 | 24426.12 | 607601 | 517.6978 ng/ml |
| Alprazolam | 5.739 | 2727107 | 1298.48 | 114.4 | ∞ | 219645 | 515.2197 ng/ml |
| Amphetamine | 2.995 | 8854234 | 75219.26 | 48.0 | 63733.02 | 410954 | 348.7890 ng/ml |
| Benzoylcegonine | 3.837 | 276796 | 578.29 | 8.1 | 1770.83 | 18403 | 499.9689 ng/ml |
| Bromazolam | 5.771 | 782176 | 92684.61 | 125.8 | 16269.29 | 84448 | 479.7049 ng/ml |
| Buprenorphine | 5.578 | 152161 | 141721.52 | 14.5 | 475.10 | 154149 | 41.7927 ng/ml |
| Bupropion | 4.724 | 8646599 | 3907.57 | 65.1 | 77780.16 | 502851 | 520.7144 ng/ml |
| Carisoprodol | 5.694 | 1878297 | 561.17 | 54.0 | 558.05 | 153944 | 507.5963 ng/ml |
| Citalopram | 5.186 | 5818576 | 353798.30 | 37.5 | 2334.63 | 471213 | 526.6973 ng/ml |
| Clonazepam | 5.575 | 2264199 | 66756.51 | 35.0 | 25177.76 | 75193 | 433.4283 ng/ml |
| Clonazolam | 5.525 | 1799147 | 375381.81 | 36.8 | 678.60 | 75193 | 470.6756 ng/ml |
| Cocaine | 4.217 | 4667262 | 132772.08 | 54.6 | 22450.56 | 774331 | 511.7496 ng/ml |
| Codeine | 2.512 | 402886 | 10085.12 | 101.8 | 290.85 | 75171 | 350.0966 ng/ml |
| Cyclobenzaprine | 5.591 | 6044731 | 164172.59 | 7.0 | 7672.71 | 416172 | 544.4220 ng/ml |
| Dextromethorphan | 5.229 | 3003189 | 22061.66 | 76.7 | 1753.89 | 267609 | 502.5756 ng/ml |
| Dextrorphan | 4.077 | 2344458 | 5870.42 | 220.4 | 9260.98 | 502048 | 514.5827 ng/ml |
| Diazepam | 5.911 | 1642858 | ∞ | 91.4 | ∞ | 180130 | 486.8255 ng/ml |
| Dihydrocodeine | 2.497 | 1570133 | ∞ | 61.3 | 48770.22 | 243103 | 401.6691 ng/ml |
| Diphenhydramine | 5.257 | 15668366 | 144486.64 | 29.7 | 135594.17 | 1410482 | 524.1078 ng/ml |
| Doxylamine | 4.416 | 18056474 | 15595.33 | 98.0 | 156270.29 | 1465552 | 528.5536 ng/ml |
| Duloxetine | 5.617 | 374851 | 7975.17 | 14.5 | 859.84 | 39270 | 515.6064 ng/ml |
| EDDP | 5.222 | 7778810 | 2374.67 | 41.8 | 3912.19 | 769733 | 525.0125 ng/ml |
| Etizolam | 5.778 | 1108361 | 3226.93 | 26.9 | 6985.12 | 75193 | 522.0919 ng/ml |
| Fentanyl | 5.028 | 636846 | 4473.03 | 79.5 | 714623.04 | 518859 | 58.0670 ng/ml |
| Fluorofentanyl | 5.074 | 2120705 | 24809.32 | 37.2 | 21874.45 | 7764 | 50.0816 ng/ml |
| Fluoxetine | 5.685 | 4898952 | 1336.12 | 7.8 | 786.80 | 313306 | 523.5933 ng/ml |
| Hydrocodone | 2.958 | 2840759 | ∞ | 33.7 | 757.42 | 342812 | 470.7537 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|------------|-------|------------|------------|----------------|
| Hydromorphone | 1.569 | 2807320 | 4665076.85 | 71.3 | 4595490.82 | 162813 | 505.2162 ng/ml |
| Hydroxyzine | 5.661 | 6128356 | 60845.42 | 78.8 | 187064.44 | 267609 | 580.9197 ng/ml |
| Ketamine | 3.975 | 4268261 | 452.41 | 37.9 | 2541.08 | 423173 | 465.9190 ng/ml |
| Lamotrigine | 4.220 | 237911 | 1909.85 | 87.8 | 2250.84 | 911584 | 406.9580 ng/ml |
| Lorazepam | 5.711 | 839849 | 35115.16 | 48.0 | 1028.20 | 141213 | 453.7773 ng/ml |
| MDA | 3.136 | 4403231 | 15992.27 | 28.9 | 10207.79 | 447335 | 368.4442 ng/ml |
| MDMA | 3.237 | 4578422 | 4992.84 | 95.5 | 17027.46 | 110728 | 498.7809 ng/ml |
| Meprobamate | 4.855 | 1312013 | 6305.81 | 27.3 | 7159.75 | 205280 | 321.8355 ng/ml |
| Methadone | 5.630 | 12463716 | 3712.42 | 42.0 | 15640.76 | 825933 | 520.4589 ng/ml |
| Methamphetamine | 3.164 | 10064832 | 3128.80 | 38.0 | 2407.44 | 1057985 | 431.1890 ng/ml |
| Metoprolol | 4.280 | 1094027 | 1792970.23 | 99.0 | 1312.27 | 1080962 | 430.8573 ng/ml |
| Mirtazapine | 4.498 | 12189429 | 6698.65 | 42.8 | 108751.53 | 607601 | 534.7629 ng/ml |
| Mitragynine | 5.156 | 2586420 | 9206.57 | 34.1 | 7006.09 | 825933 | 527.4124 ng/ml |
| Morphine | 1.220 | 438041 | ∞ | 34.4 | 525.48 | 24486 | 488.8377 ng/ml |
| Norbuprenorphine | 4.957 | 25343 | 4788.27 | 102.3 | 22888.39 | 24460 | 50.3713 ng/ml |
| Nordiazepam | 5.858 | 1780594 | 791.52 | 64.5 | 4818.98 | 125585 | 494.4324 ng/ml |
| Norfentanyl | 4.043 | 743030 | 113280.98 | 37.5 | 1020.89 | 528885 | 51.3352 ng/ml |
| Norhydrocodone | 3.019 | 501246 | 742.72 | 39.8 | 1399.12 | 56821 | 558.7726 ng/ml |
| Noroxycodone | 2.862 | 2291108 | 498.12 | 48.0 | 24356.93 | 159938 | 510.1856 ng/ml |
| O-desmethyl-tramadol | 3.324 | 12718349 | 10546.52 | 5.6 | 27894.21 | 1324730 | 536.6138 ng/ml |
| o-desmethylvenlafaxine | 4.022 | 7609575 | 153881.42 | 27.4 | 6124.12 | 191806 | 525.9164 ng/ml |
| Olanzapine | 3.979 | 1815579 | 7478.87 | 59.6 | 4605.99 | 131254 | 415.2014 ng/ml |
| Oxazepam | 5.713 | 1268816 | 689.11 | 74.4 | 843.43 | 141213 | 487.6206 ng/ml |
| Oxycodone | 2.774 | 5851441 | 2191.43 | 28.4 | 1360.60 | 474933 | 489.2870 ng/ml |
| Oxymorphone | 1.371 | 2625202 | ∞ | 43.9 | 274.40 | 176736 | 491.2321 ng/ml |
| Phentermine | 3.726 | 2121040 | ∞ | 6.0 | 9347.72 | 792192 | 406.5136 ng/ml |
| Promethazine | 5.508 | 12387283 | 54808.69 | 28.8 | 4399.33 | 937888 | 538.9299 ng/ml |
| Pseudoephedrine | 2.535 | 11103847 | 151310.27 | 15.9 | 1734.43 | 911584 | 540.8331 ng/ml |
| Quetiapine | 5.469 | 8321806 | 109922.38 | 59.3 | 3639.69 | 245416 | 489.1746 ng/ml |
| Sertraline | 5.747 | 1367664 | 72175.79 | 92.1 | 49852.51 | 115879 | 516.7656 ng/ml |
| Temazepam | 5.788 | 2623081 | 6581.75 | 27.2 | 539.36 | 224181 | 521.7544 ng/ml |
| Tramadol | 4.199 | 10129118 | 3213.60 | 3.4 | 406.61 | 1080962 | 500.7600 ng/ml |
| Trazodone | 4.897 | 8136254 | 142636.34 | 68.3 | 96193.78 | 667087 | 435.7868 ng/ml |
| Venlafaxine | 5.002 | 11634148 | 1982.91 | 32.9 | 2418.89 | 1131281 | 533.3888 ng/ml |
| Xylazine | 4.030 | 3854952 | 15842.18 | 50.0 | 2064.13 | 280490 | 506.1863 ng/ml |
| Zolpidem | 4.674 | 13622760 | 15260.19 | 27.2 | 29301.29 | 1126399 | 508.9149 ng/ml |



AM #28 Multi-Drug Quant. Results

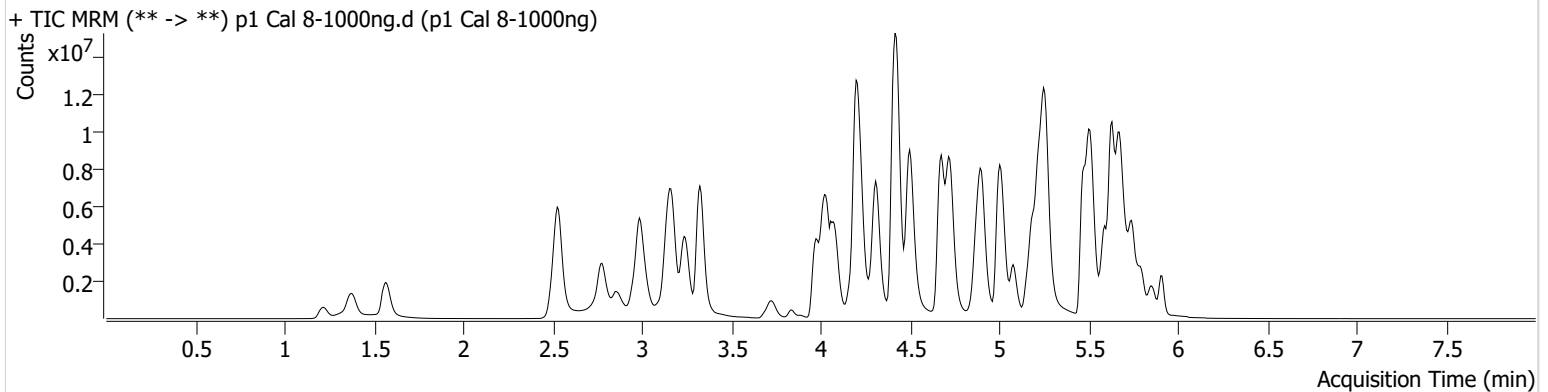
Batch results D:\MassHunter\Data\2023\AM 27 28\091123 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 9/13/2023 9:48:05 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A12
Injection Volume 2
Acq. Date-Time 9/12/2023 1:52:38 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|------------|-------|-----------|------------|-----------------|
| 6-MAM | 3.085 | 257633 | 2022.73 | 69.5 | 3399.29 | 74627 | 103.5351 ng/ml |
| 7-aminoclonazepam | 4.170 | 2230465 | 1163.64 | 81.1 | ∞ | 122193 | 784.7671 ng/ml |
| a-hydroxyalprazolam | 5.655 | 387758 | 97.91 | 72.8 | 98.10 | 16639 | 970.6603 ng/ml |
| alpha-PHP | 4.874 | 2977626 | 9940.87 | 263.7 | 136125.06 | 455547 | 1008.7362 ng/ml |
| alpha-PVP | 4.309 | 13158613 | ∞ | 49.0 | 122592.10 | 455547 | 1071.0267 ng/ml |
| Alprazolam | 5.739 | 3678953 | ∞ | 111.6 | ∞ | 148185 | 1029.7199 ng/ml |
| Amphetamine | 2.989 | 11530048 | 69536.06 | 47.9 | 658.24 | 343381 | 544.1140 ng/ml |
| Benzoylcegonine | 3.837 | 540326 | 1003.82 | 8.0 | 1096.21 | 17776 | 1010.7656 ng/ml |
| Bromazolam | 5.771 | 930212 | 308342.26 | 125.7 | 447943.43 | 49553 | 972.4850 ng/ml |
| Buprenorphine | 5.578 | 214601 | 170115.99 | 14.5 | 33649.83 | 129463 | 70.2238 ng/ml |
| Bupropion | 4.724 | 14039918 | 642420.42 | 64.7 | 172026.37 | 388959 | 1092.6160 ng/ml |
| Carisoprodol | 5.694 | 2019262 | 83950.83 | 55.1 | 334.00 | 80609 | 1041.5693 ng/ml |
| Citalopram | 5.186 | 8031714 | ∞ | 37.3 | 219109.25 | 322967 | 1060.2377 ng/ml |
| Clonazepam | 5.568 | 2449358 | 121236.73 | 33.6 | 1435.95 | 48036 | 734.4026 ng/ml |
| Clonazolam | 5.532 | 2087915 | 1530393.95 | 36.3 | 761100.18 | 48036 | 855.6853 ng/ml |
| Cocaine | 4.217 | 6774046 | 124363.93 | 53.3 | 562801.17 | 568058 | 1012.3846 ng/ml |
| Codeine | 2.505 | 522583 | ∞ | 100.7 | 197.70 | 59939 | 569.9367 ng/ml |
| Cyclobenzaprine | 5.591 | 8212869 | 70063.96 | 7.0 | 280.78 | 286397 | 1074.1998 ng/ml |
| Dextromethorphan | 5.229 | 3798596 | 44848.68 | 76.6 | 10574.20 | 169789 | 1001.7039 ng/ml |
| Dextrorphan | 4.077 | 3533480 | ∞ | 222.2 | 5012.35 | 360579 | 1079.5644 ng/ml |
| Diazepam | 5.911 | 2387158 | ∞ | 91.3 | ∞ | 131151 | 971.6486 ng/ml |
| Dihydrocodeine | 2.491 | 2329495 | 18599.94 | 62.8 | 14710.25 | 209818 | 691.1364 ng/ml |
| Diphenhydramine | 5.257 | 20959816 | 89002.38 | 31.0 | 109245.72 | 971032 | 1017.9544 ng/ml |
| Doxylamine | 4.416 | 26405599 | 157307.20 | 98.0 | 35683.08 | 1268239 | 893.0613 ng/ml |
| Duloxetine | 5.617 | 368230 | 1631.54 | 15.0 | 219.30 | 20135 | 987.9309 ng/ml |
| EDDP | 5.222 | 12598164 | 4346.35 | 40.8 | 918.81 | 605869 | 1079.8601 ng/ml |
| Etizolam | 5.778 | 1577516 | 1288.81 | 26.3 | 2625.84 | 48036 | 1162.3908 ng/ml |
| Fentanyl | 5.028 | 1018235 | 1997.88 | 79.2 | 939.15 | 369999 | 130.1093 ng/ml |
| Fluorofentanyl | 5.074 | 3889893 | 48956.19 | 36.9 | 21510.49 | 6970 | 102.2889 ng/ml |
| Fluoxetine | 5.685 | 6143674 | 1000.61 | 7.8 | 602.45 | 192995 | 1065.4770 ng/ml |
| Hydrocodone | 2.951 | 4507939 | 1499.03 | 34.3 | 806.88 | 294122 | 871.3544 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|-----------|-------|------------|------------|-----------------|
| Hydromorphone | 1.569 | 4455940 | 643.85 | 72.3 | 3630922.07 | 130619 | 999.5260 ng/ml |
| Hydroxyzine | 5.661 | 8623955 | 27913.01 | 80.1 | 3455.75 | 169789 | 1287.3908 ng/ml |
| Ketamine | 3.968 | 5762183 | 229423.26 | 37.3 | 50776.30 | 318556 | 836.3432 ng/ml |
| Lamotrigine | 4.227 | 255930 | 1502.83 | 88.9 | 400.44 | 620298 | 644.0839 ng/ml |
| Lorazepam | 5.711 | 817603 | 712.21 | 47.6 | 361.44 | 67959 | 919.4836 ng/ml |
| MDA | 3.129 | 5309073 | 77666.76 | 28.6 | 12492.20 | 321746 | 618.1556 ng/ml |
| MDMA | 3.237 | 6862509 | 3807.93 | 91.7 | 3328.20 | 81418 | 1016.6443 ng/ml |
| Meprobamate | 4.855 | 1493646 | 25232.73 | 28.5 | 10698.85 | 161286 | 466.7939 ng/ml |
| Methadone | 5.630 | 17415495 | 6262.39 | 44.6 | 2280.01 | 608407 | 986.7906 ng/ml |
| Methamphetamine | 3.164 | 15077589 | 432406.58 | 37.0 | 55512.17 | 933810 | 732.6277 ng/ml |
| Metoprolol | 4.280 | 1416820 | 1376.12 | 100.8 | 715.16 | 865270 | 697.2962 ng/ml |
| Mirtazapine | 4.498 | 18689955 | 372239.01 | 43.3 | 12274.80 | 455547 | 1092.9680 ng/ml |
| Mitragynine | 5.156 | 4095775 | 1581.59 | 34.3 | 146013.29 | 608407 | 1132.5948 ng/ml |
| Morphine | 1.220 | 690546 | 589.93 | 34.6 | ∞ | 21053 | 896.3971 ng/ml |
| Norbuprenorphine | 4.957 | 44566 | 1104.10 | 99.0 | 160.16 | 21116 | 102.8665 ng/ml |
| Nordiazepam | 5.858 | 2294193 | 12220.05 | 63.3 | 28027.40 | 83027 | 963.6705 ng/ml |
| Norfentanyl | 4.043 | 884068 | 27240.20 | 36.6 | 3460.51 | 273093 | 118.2045 ng/ml |
| Norhydrocodone | 3.019 | 832947 | ∞ | 39.8 | 112.38 | 44601 | 1181.2236 ng/ml |
| Noroxycodone | 2.856 | 3197410 | ∞ | 47.9 | 9445.63 | 118888 | 959.4518 ng/ml |
| O-desmethyl-tramadol | 3.324 | 19338676 | 2764.73 | 5.7 | 28937.57 | 1051180 | 1027.9247 ng/ml |
| o-desmethylvenlafaxine | 4.029 | 9631939 | 55241.04 | 27.0 | 5290.75 | 116609 | 1094.2860 ng/ml |
| Olanzapine | 3.979 | 3045674 | 1534.16 | 60.9 | 14629.58 | 141038 | 648.5739 ng/ml |
| Oxazepam | 5.713 | 1154814 | 263.85 | 74.6 | 216.50 | 67959 | 922.4152 ng/ml |
| Oxycodone | 2.774 | 9694816 | ∞ | 28.1 | ∞ | 407820 | 944.1463 ng/ml |
| Oxymorphone | 1.371 | 4273892 | ∞ | 42.1 | ∞ | 141316 | 1000.2975 ng/ml |
| Phentermine | 3.726 | 3111773 | ∞ | 6.0 | 1363.41 | 690540 | 684.6934 ng/ml |
| Promethazine | 5.508 | 17846382 | 1681.55 | 30.2 | 76573.83 | 700092 | 1039.5624 ng/ml |
| Pseudoephedrine | 2.535 | 16054431 | 4700.31 | 15.6 | 609.83 | 620298 | 1148.0750 ng/ml |
| Quetiapine | 5.469 | 12635165 | 218745.83 | 60.4 | 14597.49 | 194429 | 937.7001 ng/ml |
| Sertraline | 5.747 | 1587730 | 22320.78 | 93.5 | 50450.50 | 65775 | 1056.7158 ng/ml |
| Temazepam | 5.795 | 2829333 | 31523.16 | 26.8 | 173.64 | 118964 | 1060.1039 ng/ml |
| Tramadol | 4.199 | 14732414 | ∞ | 3.3 | 560.41 | 865270 | 910.1507 ng/ml |
| Trazodone | 4.897 | 11117707 | 53731.55 | 70.0 | 84029.73 | 511468 | 777.3923 ng/ml |
| Venlafaxine | 5.002 | 18003340 | 2866.44 | 33.0 | 28511.36 | 865485 | 1078.4503 ng/ml |
| Xylazine | 4.023 | 5936061 | 15734.99 | 50.4 | 3007.06 | 221494 | 987.0490 ng/ml |
| Zolpidem | 4.676 | 20363789 | 8339.59 | 28.2 | 4645.46 | 949916 | 902.2031 ng/ml |