

Worklist: 5329

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|------------------------------------------------|--|
| M2021-4182 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| M2021-4305 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| M2021-4379 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| M2021-4380 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| M2021-4450 | 7 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3257 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3329 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3376 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3386 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3388 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3393 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3398 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3399 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3440 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3441 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3445 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3446 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3447 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3467 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3481 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |
| P2021-3482 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ | |

Worklist: 5329

SC

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> |
|-----------------|-------------|------------------|------------------------------------------------|
| P2021-3483 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |



SC

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

Extraction Date: 10/25/21
Plate lot#: IDP-121-210610

Analyst: Sarah Collins
Retest Date: 12/10/2021

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Blank Blood Lot: Lampire 20L20724
LCMS-QQQ ID: 069901

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

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. Pipette **250 µL blood (calibrated pipette)** in wells of analytical (standards) plate. **Pipette ID: #16**
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250 µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. 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)
- 8. Wait 5 minutes.
- 9. Add **900 µL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 10-15 seconds. *(12-15 PSI- Selector to the left).*
- 12. Add **900 µL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(12-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100 µL 20% LCMS MeOH in water** 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? Y / N _____ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Curves limited: 7-aminoclonazepam 5-500, Alpha-hydroxyalprazolam 5-250, Buprenorphine 1-100, Codeine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-500, Lorazepam 5-100, Mirtazapine 5-500, Norhydrocodone 5-250, Sertraline 5-500, Trazodone 5-500*

*Alprazolam-D5 used as alpha-hydroxyalprazolam ISTD and thus reported qualitatively
Did not evaluate Norbuprenorphine.*

SC

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-------------|----------------|--------------|------------------------------|-------------|-----------------|--------------|---|---|----|-----------------|-------------|
| A | IS + Cal. 1 | IS + QC_1 | m2021-4379-1 | p2021-3329-1 | IS + Cal. 1 | IS + QC_1 | p2021-3481-1 | | | | | IS + Cal. 8 |
| B | IS + Cal. 2 | IS + QC_2 | m2021-4380-1 | p2021-3445-1 | IS + Cal. 2 | IS + QC_2 | | | | | | IS + Cal. 7 |
| C | IS + Cal. 3 | IS + QC_3 | m2021-4450-7 | p2021-3388-1 | IS + Cal. 3 | IS + QC_3 | | | | | | IS + Cal. 6 |
| D | IS + Cal. 4 | IS + QC_4 | p2021-3257-1 | p2021-3467-1 | IS + Cal. 4 | IS + QC_4 | | | | | IS + QC_2 urine | IS + Cal. 5 |
| E | IS + Cal. 5 | IS + QC_2 | p2021-3376-1 | p2021-3399-1 | IS + Cal. 5 | IS + QC_2 urine | | | | | IS + QC_4 | IS + Cal. 4 |
| F | IS + Cal. 6 | negative blood | p2021-3393-1 | p2021-3483-1 | IS + Cal. 6 | p2021-3440-1 | | | | | IS + QC_3 | IS + Cal. 3 |
| G | IS + Cal. 7 | m2021-4305-2 | p2021-3386-1 | p2021-3446-1 | IS + Cal. 7 | p2021-3447-1 | | | | | IS + QC_2 | IS + Cal. 2 |
| H | IS + Cal. 8 | m2021-4182-1 | p2021-3441-1 | p2021-3398-1 blanks start | IS + Cal. 8 | p2021-3482-1 | | | | | IS + QC_1 | IS + Cal. 1 |

All wells to contain 60 µl of Trapping Solution

SC

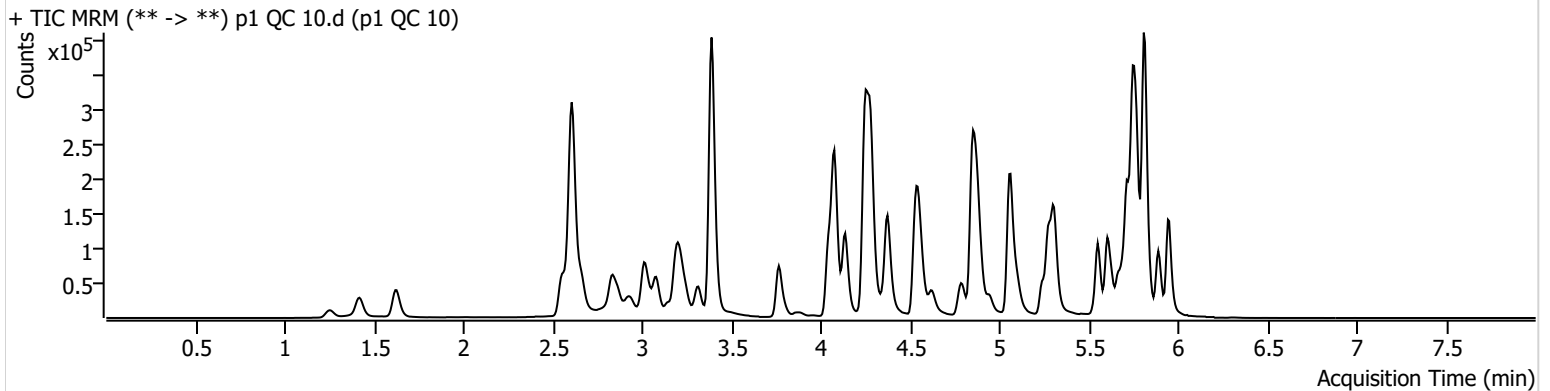


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|-----------------------|------------------|---------------|
| Instrument | Falco (069901) | Data File | p1 QC 10.d |
| Type | QC | Sample | p1 QC 10 |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-A2 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 1:01:01 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.158 | 1349 | 6997.12 | 72.1 | 3116.62 | 31601 | 1.0309 ng/ml |
| 7-aminoclonazepam | 4.258 | 23824 | 100.25 | 78.5 | 2259.61 | 141627 | 11.0294 ng/ml |
| a-hydroxyalprazolam | 5.699 | 16653 | 457.30 | 84.2 | 220.13 | 224104 | 9.7652 ng/ml |
| alpha-PHP | 4.950 | 12719 | 612.59 | 272.7 | 2737.13 | 260179 | 10.7417 ng/ml |
| alpha-PVP | 4.383 | 66362 | 194.20 | 49.1 | 861.75 | 260179 | 10.4376 ng/ml |
| Alprazolam | 5.775 | 60814 | 1987.36 | 115.5 | 364.48 | 224104 | 10.2916 ng/ml |
| Amphetamine | 3.083 | 73972 | 306.60 | 42.0 | 308.59 | 57913 | 11.0351 ng/ml |
| Benzoylecgonine | 3.886 | 4095 | 575.13 | 8.3 | 405.66 | 9521 | 10.5971 ng/ml |
| Buprenorphine | 5.785 | 520 | 126.36 | 14.0 | 143.03 | 14420 | 1.3645 ng/ml |
| Bupropion | 4.801 | 32477 | 3256.77 | 71.3 | 120.78 | 89861 | 10.6850 ng/ml |
| Carisoprodol | 5.724 | 56383 | 117193.41 | 50.7 | 447.87 | 206533 | 10.7761 ng/ml |
| Citalopram | 5.239 | 21581 | 131.19 | 31.4 | 22.12 | 85065 | 10.9147 ng/ml |
| Clonazepam | 5.612 | 85935 | 432.08 | 34.2 | 455.57 | 92730 | 11.3176 ng/ml |
| Clonazepam | 5.548 | 51339 | 18153.14 | 26.7 | 40788.98 | 92730 | 11.6415 ng/ml |
| Cocaine | 4.277 | 61782 | 286.33 | 55.1 | 259.50 | 392794 | 10.7501 ng/ml |
| Codeine | 2.607 | 8873 | 315.01 | 118.7 | 2744.98 | 41679 | 10.6054 ng/ml |
| Cyclobenzaprine | 5.635 | 9109 | 72.88 | 8.2 | 6.37 | 46557 | 11.4761 ng/ml |
| Dextromethorphan | 5.289 | 9548 | 585.98 | 84.8 | 203.83 | 42969 | 10.9558 ng/ml |
| Dextrophan | 4.139 | 16049 | 902.55 | 222.7 | 6969.36 | 209193 | 10.7444 ng/ml |
| Diazepam | 5.953 | 46083 | 752.46 | 89.1 | 305.37 | 197767 | 11.5630 ng/ml |
| Dihydrocodeine | 2.586 | 25902 | 150.32 | 56.5 | 1030.30 | 135386 | 10.9748 ng/ml |
| Diphenhydramine | 5.309 | 49971 | 3439.50 | 27.3 | 59.71 | 237532 | 10.7114 ng/ml |
| Doxylamine | 4.556 | 118744 | 1561.94 | 101.8 | 1748.54 | 434675 | 10.5541 ng/ml |
| EDDP | 5.281 | 36531 | 4034.50 | 44.2 | 2636.02 | 193920 | 10.7998 ng/ml |
| Etizolam | 5.813 | 26249 | 49922.18 | 29.2 | 1017.13 | 92730 | 10.9815 ng/ml |
| Fentanyl | 5.103 | 1019 | 35.21 | 67.6 | 1250.48 | 59432 | 1.2859 ng/ml |
| Flualprazolam | 5.705 | 20733 | 789.96 | 84.7 | 1857.05 | 224104 | 10.5693 ng/ml |
| Fluoxetine | 5.721 | 11280 | 699.00 | 8.8 | 357.93 | 35707 | 9.7887 ng/ml |
| Hydrocodone | 3.045 | 33753 | 414.81 | 26.0 | 81.26 | 167438 | 11.3790 ng/ml |
| Hydromorphone | 1.628 | 28445 | 370.76 | 67.6 | 60.36 | 82275 | 10.7545 ng/ml |
| Ketamine | 4.059 | 67101 | 19216.72 | 37.2 | 289.83 | 229460 | 11.0246 ng/ml |
| Lamotrigine | 4.294 | 5717 | 804.26 | 91.5 | 880.45 | 229460 | 10.8061 ng/ml |
| Levetiracetam | 2.663 | 44048 | 1360.21 | 140.7 | 1407.38 | 684451 | 9.7091 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|----------|------------|---------------|
| Lorazepam | 5.747 | 83358 | 936.84 | 45.9 | 336.60 | 92730 | 11.7730 ng/ml |
| MDA | 3.223 | 55911 | 187.04 | 31.0 | 163.51 | 129005 | 10.9485 ng/ml |
| MDMA | 3.316 | 40349 | 847.48 | 84.8 | 274.06 | 41085 | 10.7104 ng/ml |
| Meprobamate | 4.911 | 27409 | 302.50 | 26.2 | 479.12 | 144792 | 11.2229 ng/ml |
| Methadone | 5.666 | 19711 | 32809.78 | 59.5 | 111.43 | 75153 | 10.8875 ng/ml |
| Methamphetamine | 3.251 | 36783 | 313.46 | 39.7 | 202.61 | 178991 | 10.4635 ng/ml |
| Metoprolol | 4.346 | 13581 | 33649.81 | 85.4 | 674.51 | 538255 | 11.1369 ng/ml |
| Mirtazapine | 4.624 | 45754 | 961.06 | 49.8 | 1568.38 | 260179 | 10.7796 ng/ml |
| Mitragynine | 5.237 | 4670 | 7296.92 | 27.2 | 75.18 | 75153 | 12.6371 ng/ml |
| Morphine | 1.261 | 5419 | 1406.53 | 22.6 | 385.75 | 9136 | 10.7100 ng/ml |
| Nordiazepam | 5.900 | 39841 | 987.25 | 59.2 | 275.55 | 118260 | 10.8197 ng/ml |
| Norfentanyl | 4.099 | 12207 | 1163.13 | 33.5 | 117.72 | 496911 | 1.0883 ng/ml |
| Norhydrocodone | 3.093 | 2409 | 44.45 | 37.4 | 82.13 | 32072 | 9.7753 ng/ml |
| Noroxycodone | 2.943 | 25646 | 339.46 | 52.8 | 1288.84 | 62104 | 10.9280 ng/ml |
| O-desmethyl-tramadol | 3.396 | 163596 | 6521.92 | 5.8 | 199.17 | 824846 | 10.4095 ng/ml |
| Oxazepam | 5.756 | 83440 | 208.78 | 77.6 | 130.72 | 349454 | 11.0996 ng/ml |
| Oxycodone | 2.861 | 59919 | 147.06 | 28.7 | 600.40 | 174139 | 10.4315 ng/ml |
| Oxymorphone | 1.418 | 25258 | 738.81 | 46.3 | 331.35 | 63427 | 11.2639 ng/ml |
| Phentermine | 3.803 | 15130 | 193.26 | 6.3 | 12.67 | 188694 | 10.8857 ng/ml |
| Promethazine | 5.552 | 20064 | 5131.79 | 32.9 | 249.16 | 78645 | 11.0796 ng/ml |
| Pseudoephedrine | 2.616 | 151410 | 5200.68 | 15.6 | 2428.20 | 684451 | 10.5642 ng/ml |
| Quetiapine | 5.548 | 32019 | 2190.88 | 55.5 | 37896.57 | 35344 | 11.2902 ng/ml |
| Sertraline | 5.789 | 5044 | 53.83 | 100.7 | 180.38 | 17261 | 11.3315 ng/ml |
| Temazepam | 5.816 | 121782 | 245.78 | 31.4 | 41.77 | 645611 | 10.5755 ng/ml |
| Tramadol | 4.266 | 127840 | 5647.04 | 3.5 | 237.71 | 538255 | 10.7801 ng/ml |
| Trazodone | 5.108 | 25933 | 1063.22 | 77.3 | 187.56 | 83599 | 10.7202 ng/ml |
| Venlafaxine | 5.064 | 69799 | 12132.68 | 34.1 | 323.08 | 358171 | 10.6496 ng/ml |
| Zolpidem | 4.874 | 156337 | 2000.84 | 32.0 | 2459.68 | 609798 | 10.7707 ng/ml |

SC

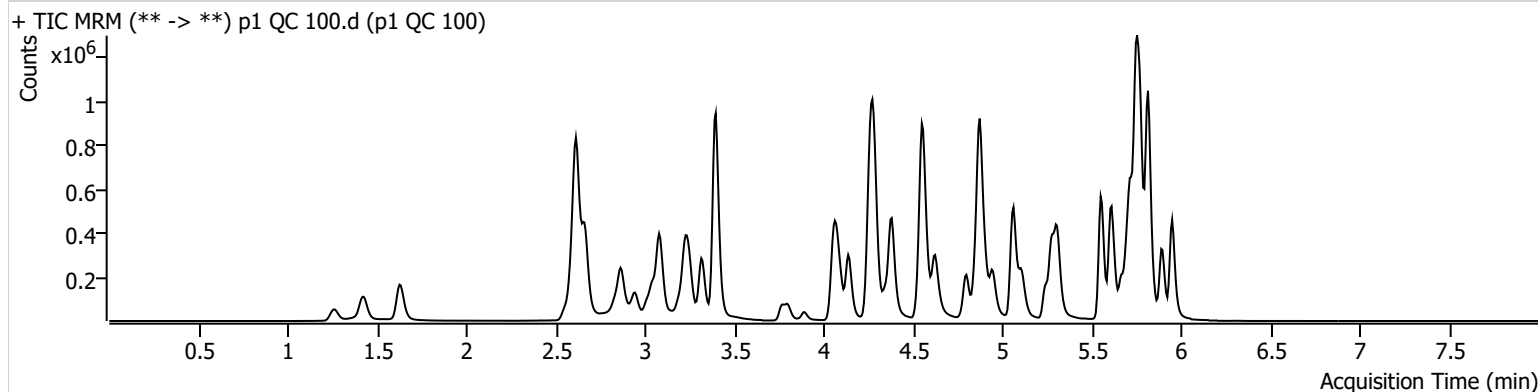


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|-----------------------|------------------|---------------|
| Instrument | Falco (069901) | Data File | p1 QC 100.d |
| Type | QC | Sample | p1 QC 100 |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-B2 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 7:33:33 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.158 | 12831 | 60465.62 | 68.7 | 1757.42 | 29710 | 11.0033 ng/ml |
| 7-aminoclonazepam | 4.258 | 216514 | 145.61 | 77.0 | 227.43 | 134199 | 116.6386 ng/ml |
| a-hydroxyalprazolam | 5.692 | 137773 | 1917.74 | 79.6 | 772.69 | 190588 | 106.3636 ng/ml |
| alpha-PHP | 4.950 | 119648 | 2030.95 | 273.8 | 710.20 | 241388 | 106.2925 ng/ml |
| alpha-PVP | 4.383 | 597590 | 12751.84 | 49.7 | 592.96 | 241388 | 108.5699 ng/ml |
| Alprazolam | 5.775 | 568702 | 658.61 | 111.3 | 2842.06 | 190588 | 110.2226 ng/ml |
| Amphetamine | 3.083 | 709235 | 15080.28 | 41.3 | 470.71 | 59624 | 116.0190 ng/ml |
| Benzoylecgonine | 3.892 | 43070 | 146.07 | 8.1 | 507.39 | 9368 | 123.5095 ng/ml |
| Buprenorphine | 5.785 | 3720 | 93.40 | 17.2 | 462.73 | 12815 | 10.6174 ng/ml |
| Bupropion | 4.801 | 283901 | 13903.86 | 69.8 | 3442.77 | 81694 | 109.5651 ng/ml |
| Carisoprodol | 5.724 | 468677 | 20547.50 | 52.4 | 3367.84 | 176672 | 106.4667 ng/ml |
| Citalopram | 5.246 | 190416 | 380.12 | 33.7 | 84.47 | 78100 | 109.8559 ng/ml |
| Clonazepam | 5.612 | 752894 | 980.22 | 34.0 | 14588.15 | 86483 | 117.0490 ng/ml |
| Clonazepam | 5.548 | 435198 | 598017.76 | 29.4 | 295544.56 | 86483 | 119.5515 ng/ml |
| Cocaine | 4.284 | 537797 | 267631.36 | 55.4 | 502.14 | 366598 | 109.8560 ng/ml |
| Codeine | 2.607 | 77405 | 105.79 | 111.0 | 410.26 | 37739 | 113.1483 ng/ml |
| Cyclobenzaprine | 5.635 | 68197 | 3094.38 | 9.8 | 64.22 | 36006 | 101.7485 ng/ml |
| Dextromethorphan | 5.289 | 81190 | 10565.32 | 82.5 | 506.43 | 37863 | 112.9703 ng/ml |
| Dextrophan | 4.139 | 147794 | 5091.98 | 222.3 | 780.20 | 192450 | 114.5426 ng/ml |
| Diazepam | 5.953 | 392426 | 19976.69 | 90.9 | 14352.35 | 180903 | 114.8322 ng/ml |
| Dihydrocodeine | 2.586 | 233127 | 7942.48 | 59.1 | 333.55 | 125072 | 117.3538 ng/ml |
| Diphenhydramine | 5.309 | 449371 | 8466.52 | 27.6 | 8870.79 | 216179 | 110.7472 ng/ml |
| Doxylamine | 4.556 | 1184055 | 33945.77 | 100.4 | 127482.17 | 435120 | 109.9991 ng/ml |
| EDDP | 5.281 | 349567 | 21186.98 | 44.1 | 854.11 | 191366 | 112.4004 ng/ml |
| Etizolam | 5.813 | 223899 | 7108.15 | 29.0 | 122528.74 | 86483 | 107.5856 ng/ml |
| Fentanyl | 5.109 | 6557 | 2424.71 | 81.2 | 2872.93 | 45040 | 10.3992 ng/ml |
| Flualprazolam | 5.705 | 178566 | 1875.36 | 92.3 | 693.62 | 190588 | 115.1065 ng/ml |
| Fluoxetine | 5.721 | 73211 | 153856.17 | 8.1 | 263.24 | 23240 | 104.7890 ng/ml |
| Hydrocodone | 3.045 | 287023 | 1422.09 | 29.8 | 164.28 | 158180 | 114.7682 ng/ml |
| Hydromorphone | 1.635 | 255788 | 4213.59 | 76.2 | 2422.49 | 77455 | 109.4520 ng/ml |
| Ketamine | 4.059 | 590269 | 2003.92 | 38.1 | 631.50 | 213346 | 114.5596 ng/ml |
| Lamotrigine | 4.294 | 50729 | 10589.73 | 91.5 | 1621.29 | 213346 | 120.2065 ng/ml |
| Levetiracetam | 2.663 | 402864 | 7041.78 | 141.3 | 6807.85 | 607235 | 113.0533 ng/ml |

SC



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|--------------|------------|-----------------|-----------------|----------------|-------------|----------------------|
| Lorazepam | 5.747 | 572528 | 14665.34 | 46.6 | 1254.46 | 86483 | 96.6847 ng/ml |
| MDA | 3.230 | 494222 | 501.13 | 30.0 | 1225.02 | 122932 | 113.4726 ng/ml |
| MDMA | 3.316 | 367650 | 684340.84 | 85.3 | 2712.02 | 38773 | 109.7404 ng/ml |
| Meprobamate | 4.911 | 241724 | 17627.29 | 25.5 | 6849.30 | 132084 | 115.8267 ng/ml |
| Methadone | 5.666 | 174878 | 7411.10 | 57.7 | 173174.37 | 68044 | 108.9612 ng/ml |
| Methamphetamine | 3.251 | 341935 | 677.38 | 39.6 | 2636.63 | 172476 | 117.1480 ng/ml |
| Metoprolol | 4.346 | 117569 | 17725.68 | 90.8 | 77325.11 | 500481 | 112.6898 ng/ml |
| Mirtazapine | 4.624 | 429116 | 13011.97 | 50.5 | 132221.16 | 241388 | 107.8343 ng/ml |
| Mitragynine | 5.237 | 34253 | 558.15 | 32.6 | 8325.89 | 68044 | 108.6122 ng/ml |
| Morphine | 1.267 | 52065 | 717.00 | 21.5 | 4702.31 | 8950 | 115.0201 ng/ml |
| ** Norbuprenorphine | 5.013 | 423 | 8.97 Low | 81.5 Low | 5099.09 | 1847 | 12.6516 ng/ml |
| Nordiazepam | 5.900 | 345295 | 2226.24 | 58.9 | 1329.59 | 104051 | 115.5573 ng/ml |
| Norfentanyl | 4.106 | 118121 | 799.30 | 33.2 | 210.83 | 481561 | 10.1893 ng/ml |
| Norhydrocodone | 3.093 | 21468 | 99.89 | 36.7 | 91.23 | 25928 | 105.4100 ng/ml |
| Noroxycodone | 2.943 | 229146 | 1765.53 | 51.3 | 1234.39 | 58492 | 107.7733 ng/ml |
| O-desmethyl-tramadol | 3.396 | 1508769 | 168216.70 | 5.8 | 10641.58 | 760728 | 110.5423 ng/ml |
| Oxazepam | 5.756 | 649999 | 8163.24 | 77.8 | 7610.45 | 279620 | 117.3651 ng/ml |
| Oxycodone | 2.861 | 555450 | 3226.52 | 28.8 | 1089.26 | 165686 | 111.7576 ng/ml |
| Oxymorphone | 1.425 | 226183 | 771.99 | 47.8 | 1068.77 | 60343 | 116.4721 ng/ml |
| Phentermine | 3.803 | 143144 | 905.58 | 5.9 | 339.04 | 181391 | 117.5372 ng/ml |
| Promethazine | 5.552 | 140029 | 9285.61 | 33.9 | 1110.20 | 58898 | 108.0064 ng/ml |
| Pseudoephedrine | 2.623 | 1334532 | 19780.16 | 16.0 | 51977.49 | 607235 | 108.0938 ng/ml |
| Quetiapine | 5.548 | 303384 | 612828.88 | 59.5 | 522111.67 | 35743 | 116.4938 ng/ml |
| Sertraline | 5.789 | 32027 | 435.00 | 99.3 | 816.35 | 11998 | 103.8395 ng/ml |
| Temazepam | 5.816 | 1007899 | 41113.89 | 29.9 | 607.21 | 550739 | 110.8674 ng/ml |
| Tramadol | 4.266 | 1140836 | 1006.77 | 3.6 | 479.08 | 500481 | 111.0846 ng/ml |
| Trazodone | 5.108 | 257067 | 515470.05 | 76.4 | 361078.05 | 81225 | 105.4465 ng/ml |
| Venlafaxine | 5.064 | 649175 | 2760.32 | 35.1 | 763.12 | 339015 | 110.0160 ng/ml |
| Zolpidem | 4.874 | 1481074 | 12269.89 | 31.8 | 810.24 | 592637 | 114.3885 ng/ml |

**DNE

SC

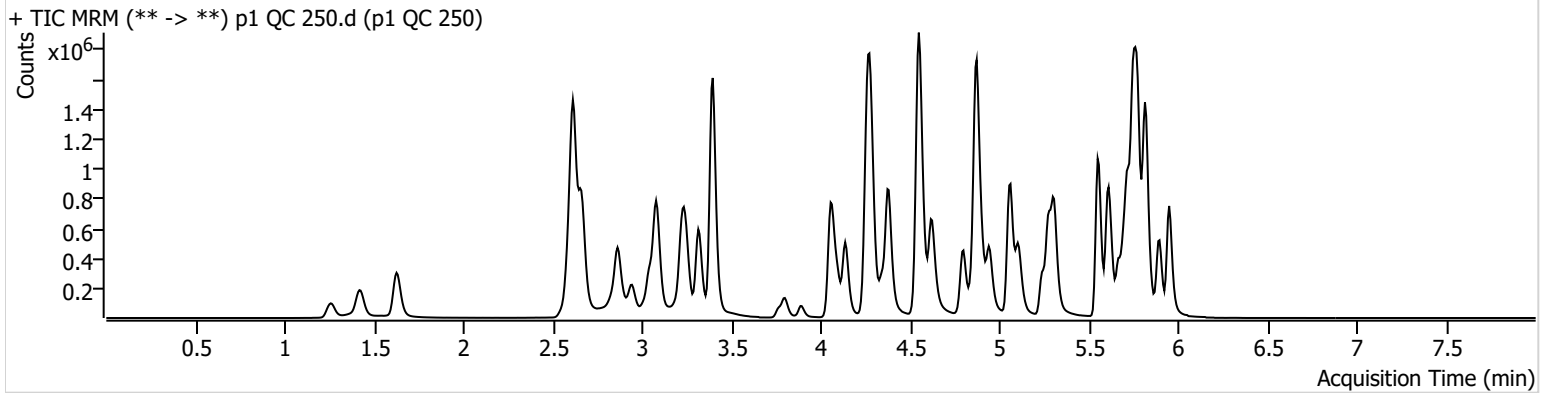


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|-----------------------|------------------|---------------|
| Instrument | Falco (069901) | Data File | p1 QC 250.d |
| Type | QC | Sample | p1 QC 250 |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-C2 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 1:22:13 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|------------|------------|----------------|
| 6-MAM | 3.158 | 28647 | 860.02 | 67.4 | 58136.45 | 26659 | 27.4710 ng/ml |
| 7-aminoclonazepam | 4.258 | 405985 | 396.74 | 76.6 | 13949.29 | 112411 | 262.6654 ng/ml |
| a-hydroxyalprazolam | 5.692 | 213339 | 1951.16 | 77.2 | 357.24 | 141140 | 223.8253 ng/ml |
| alpha-PHP | 4.944 | 258255 | 22216.46 | 271.9 | 21597.59 | 205089 | 269.5929 ng/ml |
| alpha-PVP | 4.383 | 1242291 | 46831.92 | 50.5 | 501.70 | 205089 | 266.8526 ng/ml |
| Alprazolam | 5.775 | 1086333 | 1320.48 | 110.7 | 764.63 | 141140 | 283.8447 ng/ml |
| Amphetamine | 3.083 | 1474349 | 20070.92 | 41.3 | 1087.78 | 51855 | 279.5325 ng/ml |
| Benzoylcegonine | 3.892 | 90649 | 1126.19 | 8.0 | 1566.90 | 8340 | 293.4132 ng/ml |
| Buprenorphine | 5.785 | 8125 | 623.47 | 13.9 | 2830.51 | 11131 | 26.6196 ng/ml |
| Bupropion | 4.801 | 656046 | 43268.01 | 70.5 | 1235.78 | 75916 | 273.6323 ng/ml |
| Carisoprodol | 5.724 | 797048 | 945498.42 | 51.9 | 9614.42 | 115788 | 276.5882 ng/ml |
| Citalopram | 5.239 | 418155 | 30400.75 | 33.3 | 603.89 | 68222 | 277.0477 ng/ml |
| Clonazepam | 5.612 | 1371888 | 54381.84 | 33.7 | 1893.10 | 65123 | 285.0537 ng/ml |
| Clonazepam | 5.548 | 768612 | 3480.70 | 29.9 | 180510.12 | 65123 | 282.6835 ng/ml |
| Cocaine | 4.277 | 1128556 | 628.71 | 56.3 | 33873.44 | 313195 | 271.5166 ng/ml |
| Codeine | 2.607 | 146230 | 341.19 | 107.4 | 9053.11 | 31170 | 260.4399 ng/ml |
| Cyclobenzaprine | 5.635 | 155443 | ∞ | 9.1 | 971.32 | 32718 | 253.6003 ng/ml |
| Dextromethorphan | 5.289 | 173910 | 875.99 | 81.7 | 7288.45 | 33939 | 271.1249 ng/ml |
| Dextrophan | 4.139 | 304513 | 466.57 | 220.1 | 1322.36 | 162928 | 279.8763 ng/ml |
| Diazepam | 5.953 | 739187 | 7649.60 | 91.3 | 13231.77 | 138502 | 283.7846 ng/ml |
| Dihydrocodeine | 2.586 | 470207 | 871.64 | 59.6 | 1170.90 | 113540 | 262.1965 ng/ml |
| Diphenhydramine | 5.309 | 1002358 | 121654.54 | 28.0 | 458.98 | 194992 | 274.6865 ng/ml |
| Doxylamine | 4.549 | 2627119 | 207806.02 | 99.9 | 61372.11 | 397341 | 268.0421 ng/ml |
| EDDP | 5.275 | 760720 | 25934.87 | 44.5 | 15224.36 | 165974 | 283.3587 ng/ml |
| Etizolam | 5.813 | 430620 | 2929.40 | 29.1 | 1016.22 | 65123 | 276.1511 ng/ml |
| Fentanyl | 5.109 | 15185 | 930.45 | 77.3 | 4002.68 | 41332 | 26.1404 ng/ml |
| Flualprazolam | 5.705 | 312863 | 14900.76 | 98.8 | 27016.68 | 141140 | 273.5395 ng/ml |
| Fluoxetine | 5.721 | 147995 | 677616.84 | 7.7 | 2113.81 | 18143 | 272.6136 ng/ml |
| Hydrocodone | 3.045 | 597833 | 700.88 | 29.7 | 863.35 | 135132 | 282.0375 ng/ml |
| Hydromorphone | 1.628 | 532762 | 10181.96 | 74.3 | 1071047.88 | 64282 | 275.8756 ng/ml |
| Ketamine | 4.059 | 1259692 | 2859.38 | 37.7 | 6010.49 | 191250 | 274.4005 ng/ml |
| Lamotrigine | 4.294 | 103367 | 1492.73 | 91.4 | 98606.20 | 191250 | 275.7786 ng/ml |
| Levetiracetam | 2.663 | 798341 | 315.45 | 142.3 | 27298.35 | 518404 | 264.2631 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|------------------|-------------------|---------------------|-----------------|--------------------|------------------|---------------------------|
| * Lorazepam | 5.747 | 779559 | 18037.88 | 46.9 | 4010.44 | 65123 | 176.0956 ng/ml |
| MDA | 3.230 | 990800 | 4217.01 | 29.8 | 4072.41 | 102690 | 274.3441 ng/ml |
| MDMA | 3.316 | 793489 | 2927.31 | 86.1 | 11067.16 | 33578 | 274.5794 ng/ml |
| Meprobamate | 4.911 | 429593 | 42996.88 | 25.0 | 41449.46 | 98720 | 276.5825 ng/ml |
| Methadone | 5.666 | 382806 | 1058.81 | 59.2 | 368.77 | 60735 | 267.5922 ng/ml |
| Methamphetamine | 3.251 | 694694 | 1266.97 | 40.3 | 7495.22 | 150680 | 274.9169 ng/ml |
| Metoprolol | 4.346 | 246027 | 394068.11 | 89.8 | 31964.67 | 415708 | 285.5529 ng/ml |
| Mirtazapine | 4.624 | 969996 | 67736.41 | 50.3 | 3751.84 | 205089 | 286.6898 ng/ml |
| Mitragynine | 5.237 | 76122 | 178479.77 | 32.1 | 41502.93 | 60735 | 271.7323 ng/ml |
| Morphine | 1.261 | 106026 | 1983.79 | 21.1 | 105468.82 | 7451 | 282.9819 ng/ml |
| ** Norbuprenorphine | 5.013 | 800 | 3052.34 | 92.6 | 4988.45 | 1676 | 27.8969 ng/ml |
| Nordiazepam | 5.900 | 625690 | 25139.37 | 58.6 | 1180.44 | 78842 | 277.7560 ng/ml |
| Norfentanyl | 4.099 | 260832 | 30900.86 | 33.6 | 702.56 | 420477 | 25.6529 ng/ml |
| Norhydrocodone | 3.093 | 43731 | 207.57 | 34.8 | 96.51 | 18813 | 295.5006 ng/ml |
| Noroxycodone | 2.943 | 429104 | 2417.17 | 51.6 | 575.78 | 44868 | 263.7997 ng/ml |
| O-desmethyl-tramadol | 3.396 | 3182308 | 57869.23 | 5.9 | 9683.07 | 650523 | 273.7064 ng/ml |
| Oxazepam | 5.756 | 968130 | 10220.86 | 77.5 | 19826.11 | 173179 | 283.7460 ng/ml |
| Oxycodone | 2.861 | 1181787 | 40233.15 | 28.9 | 7822.47 | 144272 | 274.7414 ng/ml |
| Oxymorphone | 1.418 | 450421 | 1093.90 | 45.9 | ∞ | 49918 | 282.1315 ng/ml |
| Phentermine | 3.803 | 294622 | 2565.95 | 5.9 | 236.81 | 157893 | 279.5269 ng/ml |
| Promethazine | 5.552 | 313969 | 22273.12 | 35.0 | 3945.27 | 52441 | 272.8578 ng/ml |
| Pseudoephedrine | 2.616 | 2818412 | 1041.75 | 16.2 | 130482.72 | 518404 | 267.9202 ng/ml |
| Quetiapine | 5.548 | 647345 | 60682.67 | 61.7 | 195.13 | 32703 | 273.3749 ng/ml |
| Sertraline | 5.789 | 66013 | 551.20 | 94.4 | 61324.75 | 9315 | 275.7402 ng/ml |
| Temazepam | 5.816 | 1661294 | 38799.26 | 29.3 | 1472.82 | 370896 | 272.7224 ng/ml |
| Tramadol | 4.266 | 2359187 | ∞ | 3.6 | 452.61 | 415708 | 277.8828 ng/ml |
| Trazodone | 5.108 | 588914 | 98916.63 | 76.8 | 120973.29 | 74305 | 263.4252 ng/ml |
| Venlafaxine | 5.064 | 1435778 | 67395.30 | 34.2 | 29966.74 | 299639 | 276.2120 ng/ml |
| Zolpidem | 4.874 | 3174311 | 319997.05 | 30.2 | 121183.83 | 529294 | 276.0060 ng/ml |

*OCR

**DNE

SC

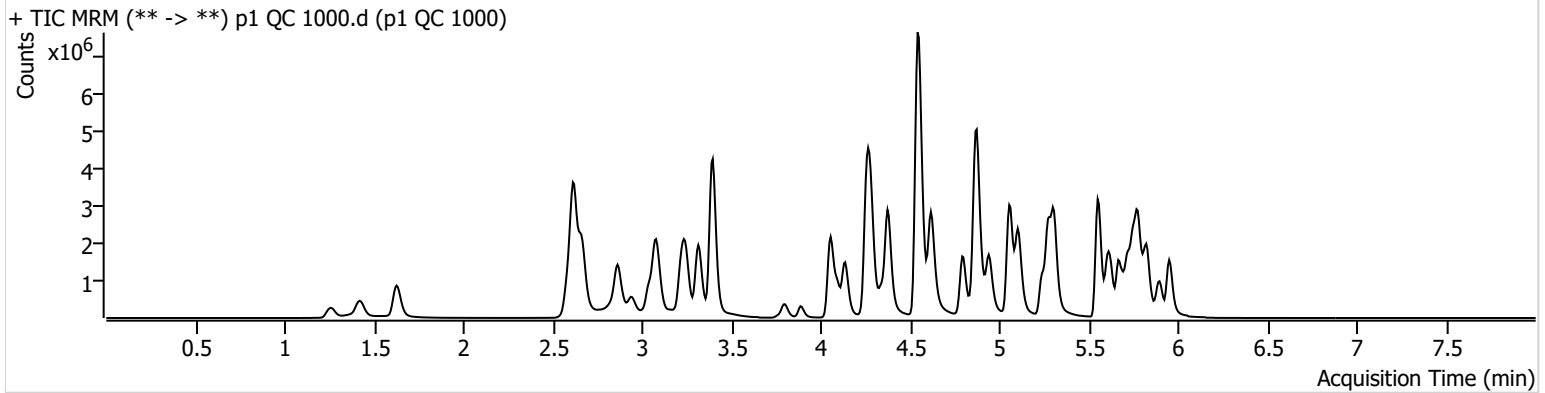


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|-----------------------|------------------|---------------|
| Instrument | Falco (069901) | Data File | p1 QC 1000.d |
| Type | QC | Sample | p1 QC 1000 |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-D2 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 1:43:27 AM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|-----------------------|------------------|--------------------|----------------------|------------------|---------------------|-------------------|---------------------------|
| 6-MAM | 3.158 | 105594 | 924.21 | 66.5 | 576.88 | 23810 | 113.5735 ng/ml |
| * 7-aminoclonazepam | 4.251 | 847214 | 159129.30 | 76.7 | 12080.31 | 85788 | 720.4264 ng/ml |
| * a-hydroxyalprazolam | 5.685 | 326728 | 134.09 | 78.1 | 658.23 | 82301 | 589.9779 ng/ml |
| alpha-PHP | 4.944 | 996917 | 55191.25 | 269.3 | 126490.34 | 180153 | 1183.7555 ng/ml |
| alpha-PVP | 4.376 | 4557810 | 253707.15 | 50.6 | 31592.70 | 180153 | 1117.2143 ng/ml |
| Alprazolam | 5.775 | 2542167 | 429.66 | 108.7 | ∞ | 82301 | 1138.2361 ng/ml |
| Amphetamine | 3.083 | 4281719 | 81042.84 | 42.0 | 37348.34 | 48906 | 864.0577 ng/ml |
| Benzoylcegonine | 3.886 | 360003 | 11858.47 | 8.0 | 281.44 | 7718 | 1262.6420 ng/ml |
| Buprenorphine | 5.785 | 26012 | 588.91 | 14.2 | 5747.93 | 8985 | 105.4385 ng/ml |
| Bupropion | 4.795 | 2492900 | 162939.33 | 69.2 | 73010.14 | 72695 | 1088.1937 ng/ml |
| Carisoprodol | 5.724 | 1430797 | 366052.02 | 52.6 | 3697.07 | 53363 | 1077.9171 ng/ml |
| Citalopram | 5.239 | 1708685 | 38672.89 | 34.2 | 462.97 | 67890 | 1139.4173 ng/ml |
| Clonazepam | 5.612 | 2961119 | 45360.58 | 33.1 | 1984.17 | 40328 | 996.7268 ng/ml |
| Clonazolam | 5.555 | 1351176 | 1370115.97 | 31.8 | 657909.75 | 40328 | 805.5978 ng/ml |
| Cocaine | 4.277 | 3432937 | 77650.95 | 55.8 | 135989.31 | 243328 | 1066.4274 ng/ml |
| * Codeine | 2.600 | 328109 | 874.51 | 105.6 | 229.55 | 23403 | 780.8351 ng/ml |
| Cyclobenzaprine | 5.635 | 626746 | 922.96 | 8.4 | 442.63 | 28341 | 1176.5064 ng/ml |
| Dextromethorphan | 5.289 | 604182 | 24179.18 | 80.9 | 47174.17 | 29872 | 1072.6351 ng/ml |
| Dextroprhan | 4.139 | 1046993 | 1139.54 | 220.9 | 13782.78 | 135330 | 1160.9629 ng/ml |
| Diazepam | 5.953 | 1846013 | 983.25 | 90.5 | 29133.26 | 92284 | 1066.0180 ng/ml |
| * Dihydrocodeine | 2.579 | 1355011 | 246.16 | 61.4 | 19355.79 | 104498 | 823.4959 ng/ml |
| Diphenhydramine | 5.309 | 4036552 | 351670.76 | 28.1 | 34318.36 | 194909 | 1108.3209 ng/ml |
| Doxylamine | 4.543 | 11147988 | 388468.95 | 97.6 | 346047.95 | 412132 | 1098.2754 ng/ml |
| EDDP | 5.275 | 3455937 | 115227.06 | 43.8 | 75048.54 | 180265 | 1188.0485 ng/ml |
| Etizolam | 5.813 | 1076693 | 23111.71 | 28.3 | 3629.67 | 40328 | 1117.6545 ng/ml |
| Fentanyl | 5.109 | 61514 | 7206.43 | 71.5 | 305.39 | 37242 | 117.2800 ng/ml |
| Flualprazolam | 5.705 | 664345 | 317.56 | 102.1 | 11759.03 | 82301 | 998.4495 ng/ml |
| Fluoxetine | 5.727 | 384858 | 682345.87 | 8.0 | 35950.67 | 11278 | 1142.9368 ng/ml |
| Hydrocodone | 3.039 | 1869760 | ∞ | 31.2 | ∞ | 125236 | 955.4516 ng/ml |
| Hydromorphone | 1.628 | 1712771 | 6426.99 | 74.3 | 9552843.50 | 50706 | 1126.7918 ng/ml |
| Ketamine | 4.059 | 4110718 | 331771.54 | 37.2 | 14854.43 | 175599 | 978.3474 ng/ml |
| * Lamotrigine | 4.301 | 249609 | 15722.52 | 91.6 | 1777.40 | 175599 | 728.5586 ng/ml |
| Levetiracetam | 2.663 | 2064257 | 11959.82 | 144.9 | 41313.70 | 365157 | 973.7837 ng/ml |

SC



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|------------------|--------------------|----------------------|-----------------|--------------------|-------------------|----------------------------|
| * Lorazepam | 5.747 | 931828 | 37639.35 | 46.0 | 763.91 | 40328 | 341.3670 ng/ml |
| MDA | 3.223 | 2698947 | 2592.43 | 27.6 | 9644.71 | 83444 | 923.0629 ng/ml |
| MDMA | 3.316 | 2733043 | 271308.46 | 85.2 | 1348.22 | 29399 | 1082.3552 ng/ml |
| Meprobamate | 4.911 | 893297 | 91624.23 | 24.8 | 364.04 | 49378 | 1152.5053 ng/ml |
| Methadone | 5.666 | 1705176 | 103244.27 | 58.0 | 26085.18 | 63420 | 1142.3450 ng/ml |
| Methamphetamine | 3.251 | 2494186 | 44203.91 | 39.2 | 29469.86 | 149366 | 1000.6354 ng/ml |
| Metoprolol | 4.340 | 755627 | 44541.65 | 94.8 | 50744.81 | 363773 | 1004.9526 ng/ml |
| * Mirtazapine | 4.617 | 4386208 | 4132.29 | 48.7 | 4541.81 | 180153 | 1475.3002 ng/ml |
| Mitragynine | 5.237 | 304767 | 3795.24 | 32.6 | 4308.12 | 63420 | 1044.3572 ng/ml |
| Morphine | 1.261 | 321177 | 479.15 | 21.3 | 722.73 | 5990 | 1069.4499 ng/ml |
| ** Norbuprenorphine | 5.013 | 2926 | 56.29 | 99.1 | 7498.82 | 1777 | 99.7334 ng/ml |
| Nordiazepam | 5.900 | 1365846 | 1679.62 | 57.6 | 9040.62 | 46165 | 1038.2696 ng/ml |
| Norfentanyl | 4.099 | 1049442 | 142159.43 | 34.0 | 23612.09 | 374124 | 115.7349 ng/ml |
| * Norhydrocodone | 3.093 | 168133 | 985.75 | 37.3 | 488.11 | 13959 | 1530.2433 ng/ml |
| Noroxycodone | 2.943 | 1134927 | 9873.68 | 51.7 | 16064.30 | 31570 | 992.9451 ng/ml |
| O-desmethyl-tramadol | 3.396 | 10182095 | ∞ | 5.8 | 31239.44 | 515850 | 1106.5560 ng/ml |
| Oxazepam | 5.749 | 1153333 | 32373.17 | 77.8 | 3363.96 | 60368 | 972.2752 ng/ml |
| Oxycodone | 2.861 | 4036873 | 2565.56 | 28.5 | 3682.21 | 135387 | 1003.1375 ng/ml |
| Oxymorphone | 1.418 | 1318507 | 929.41 | 43.7 | 711.82 | 38862 | 1064.2603 ng/ml |
| Phentermine | 3.803 | 965944 | ∞ | 5.4 | 1240.64 | 152969 | 948.7560 ng/ml |
| Promethazine | 5.552 | 1177672 | 61360.30 | 34.0 | 4020.14 | 48472 | 1109.0149 ng/ml |
| Pseudoephedrine | 2.623 | 8670401 | 242886.45 | 15.4 | 50275.24 | 365157 | 1171.3002 ng/ml |
| Quetiapine | 5.548 | 2854562 | 386.58 | 62.4 | 326.91 | 40643 | 973.2418 ng/ml |
| * Sertraline | 5.789 | 160621 | 237.12 | 93.5 | 8280.95 | 5205 | 1200.8552 ng/ml |
| Temazepam | 5.823 | 2556218 | 132317.62 | 29.2 | 10369.00 | 145092 | 1075.4918 ng/ml |
| Tramadol | 4.259 | 7624447 | ∞ | 3.4 | 8665.28 | 363773 | 1028.6654 ng/ml |
| * Trazodone | 5.101 | 3080670 | 194878.26 | 78.4 | 2054.21 | 78079 | 1309.6976 ng/ml |
| Venlafaxine | 5.057 | 5773224 | 342785.27 | 32.9 | 29982.78 | 286649 | 1162.9207 ng/ml |
| Zolpidem | 4.874 | 10578622 | 470355.48 | 28.5 | 236159.15 | 487277 | 1001.9377 ng/ml |

*OCR

**DNE

SC

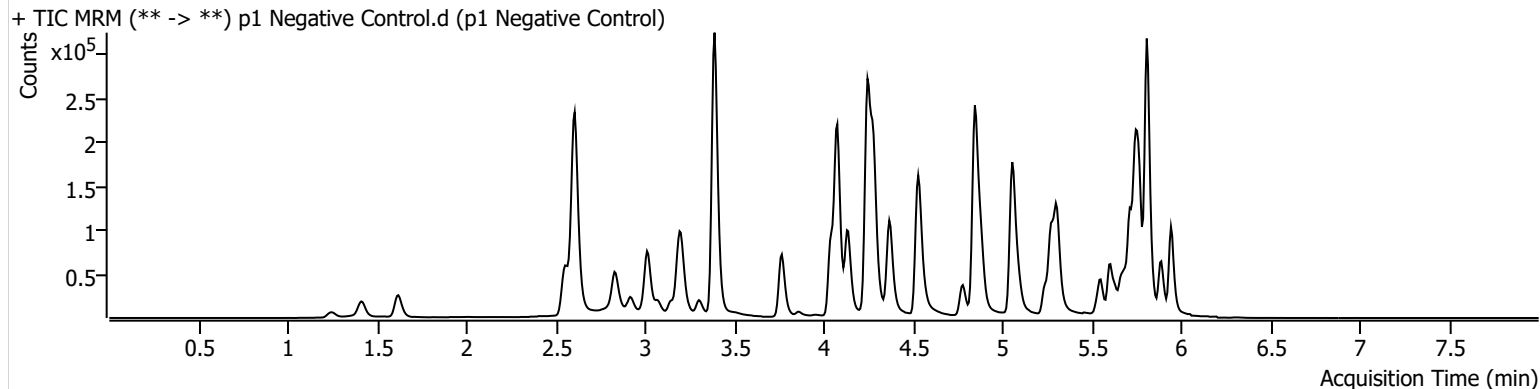


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|-----------------------|------------------|-----------------------|
| Instrument | Falco (069901) | Data File | p1 Negative Control.d |
| Type | Sample | Sample | p1 Negative Control |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-F2 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 2:15:18 AM | | |
| Sample Info. | | | |

Sample Chromatogram



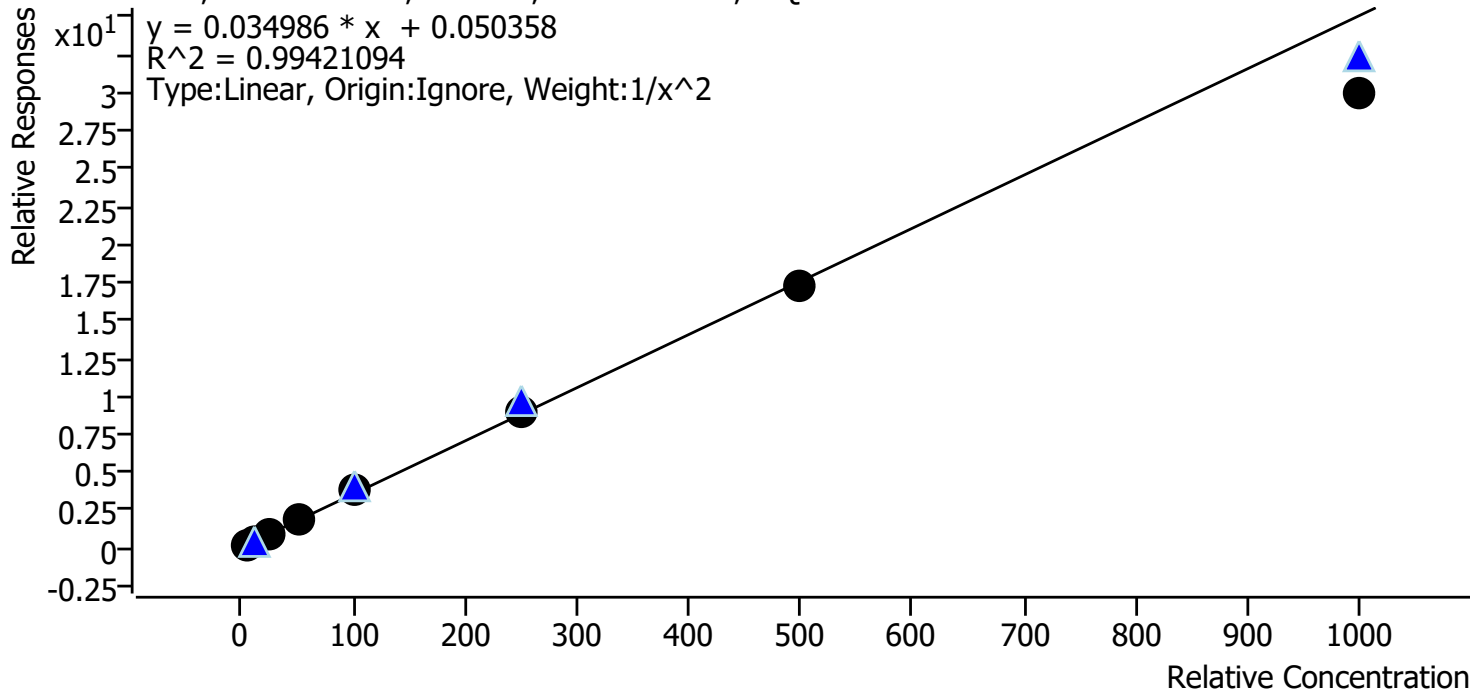
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 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 | 96.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 103.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.4 | 101.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.8 | 105.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.5 | 105.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.5 | 102.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 493.2 | 98.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 855.0 | 85.5 |

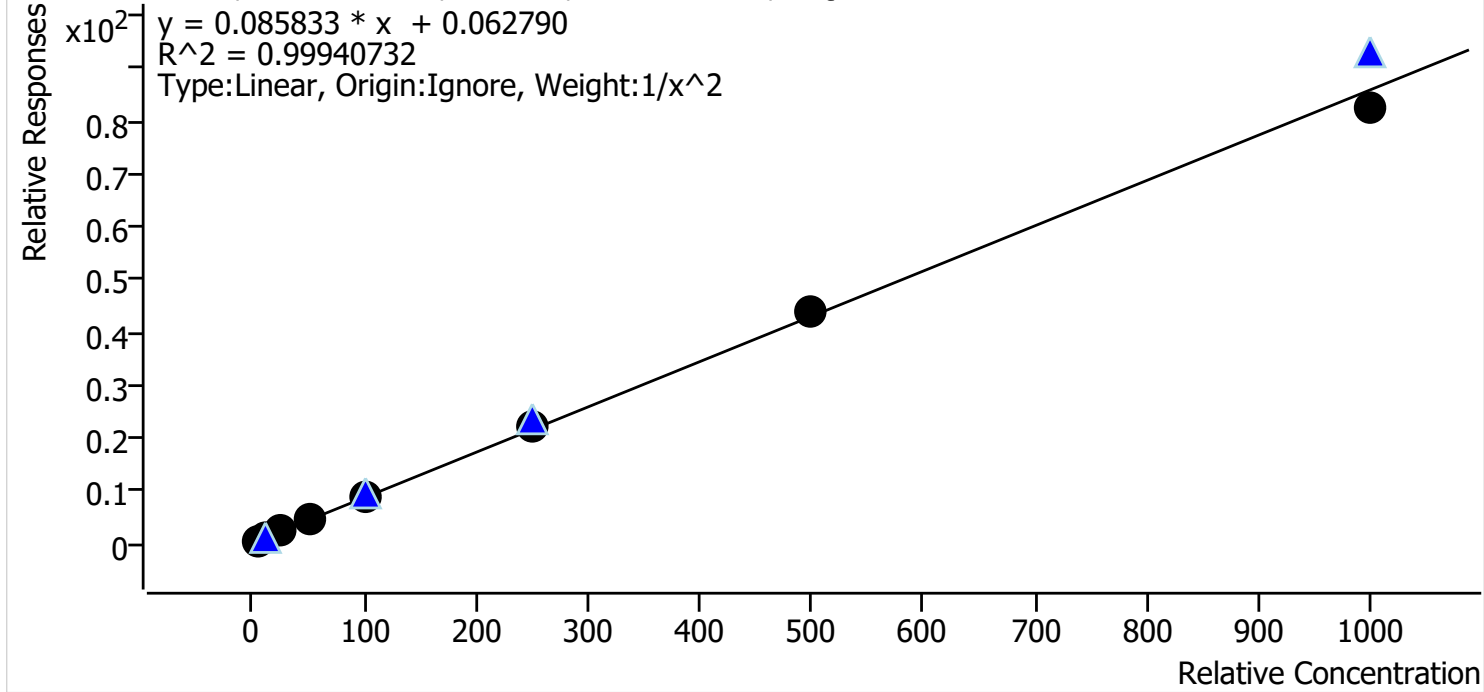
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 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 | 5.0 | 99.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.1 | 100.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.0 | 100.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.4 | 101.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 514.8 | 103.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 957.7 | 95.8 |

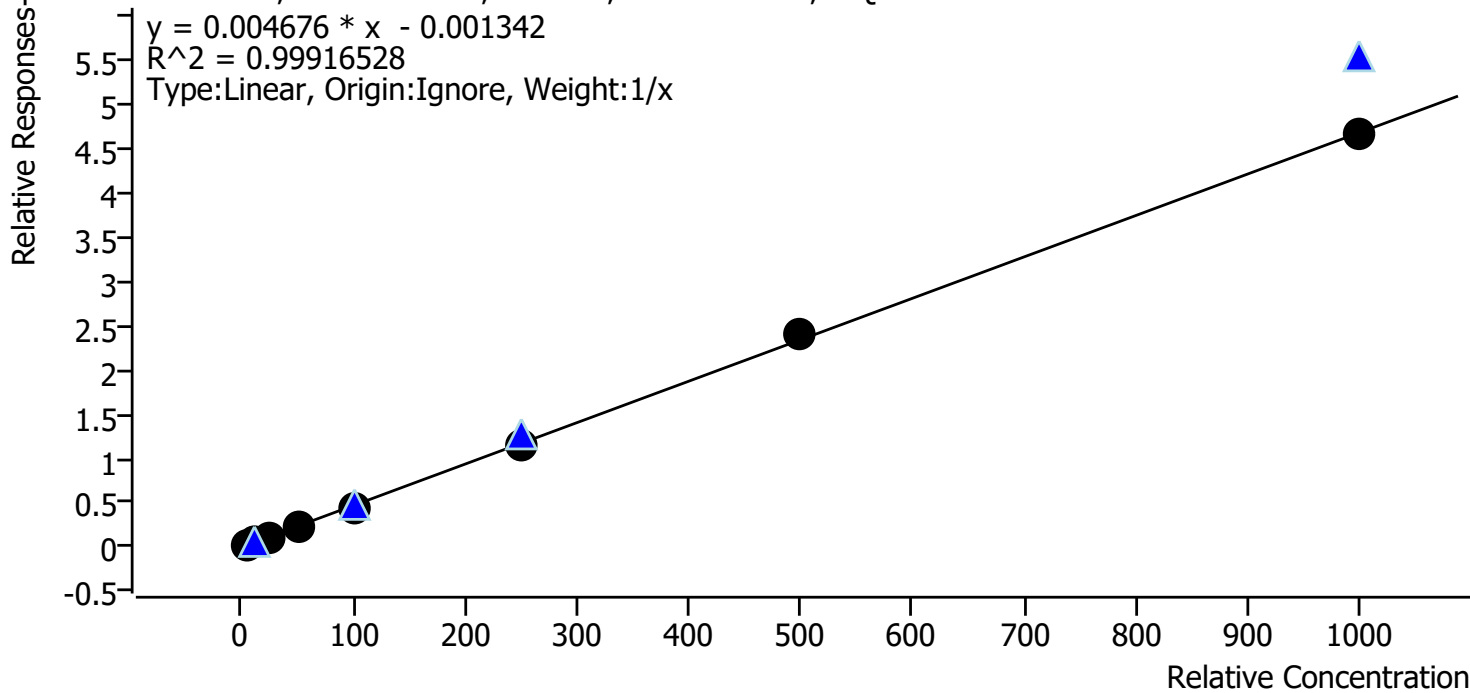
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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



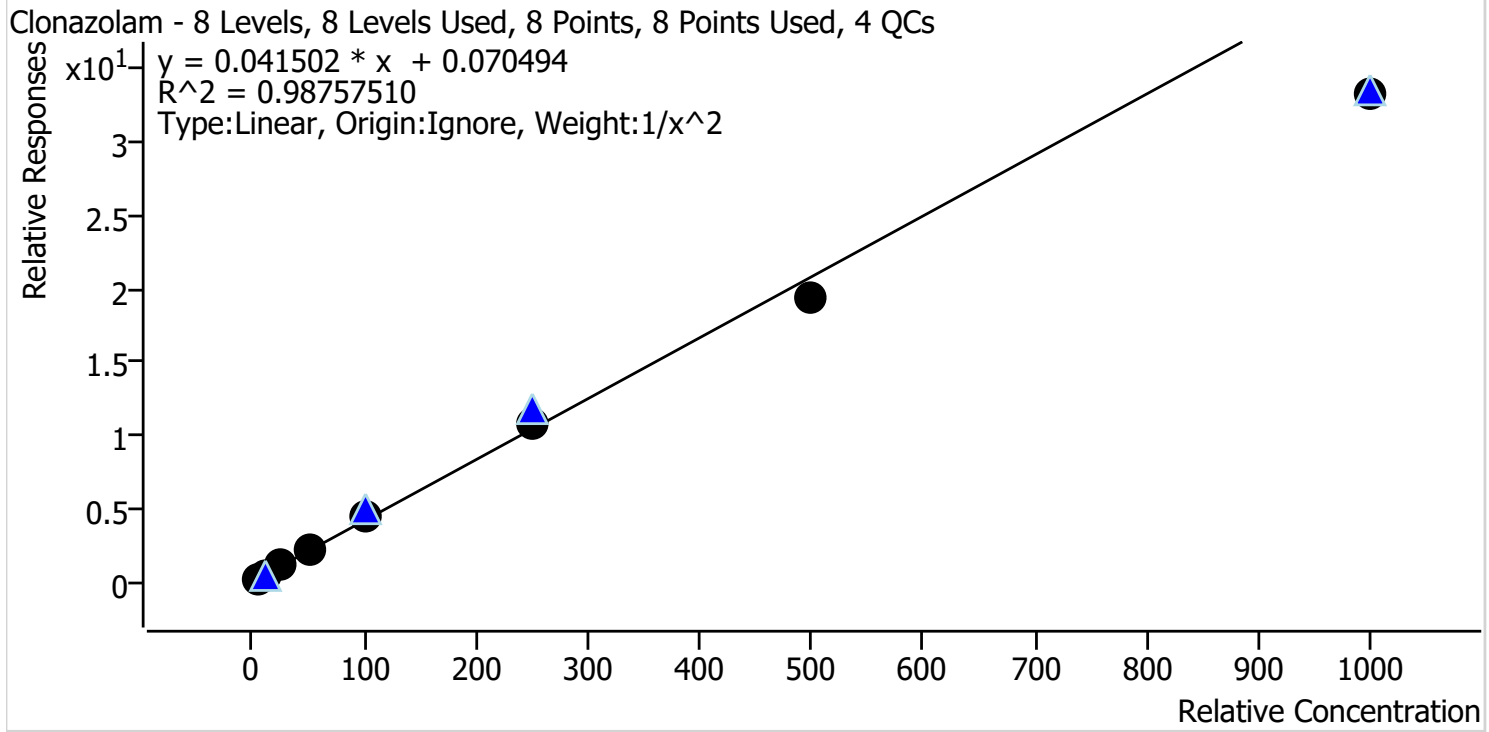
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.5 | 110.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.0 | 96.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.9 | 95.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 92.4 | 92.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.4 | 98.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 518.0 | 103.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 994.5 | 99.5 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.8 | 95.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.9 | 107.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.4 | 108.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 107.8 | 107.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 257.7 | 103.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 468.5 | 93.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 802.1 | 80.2 |

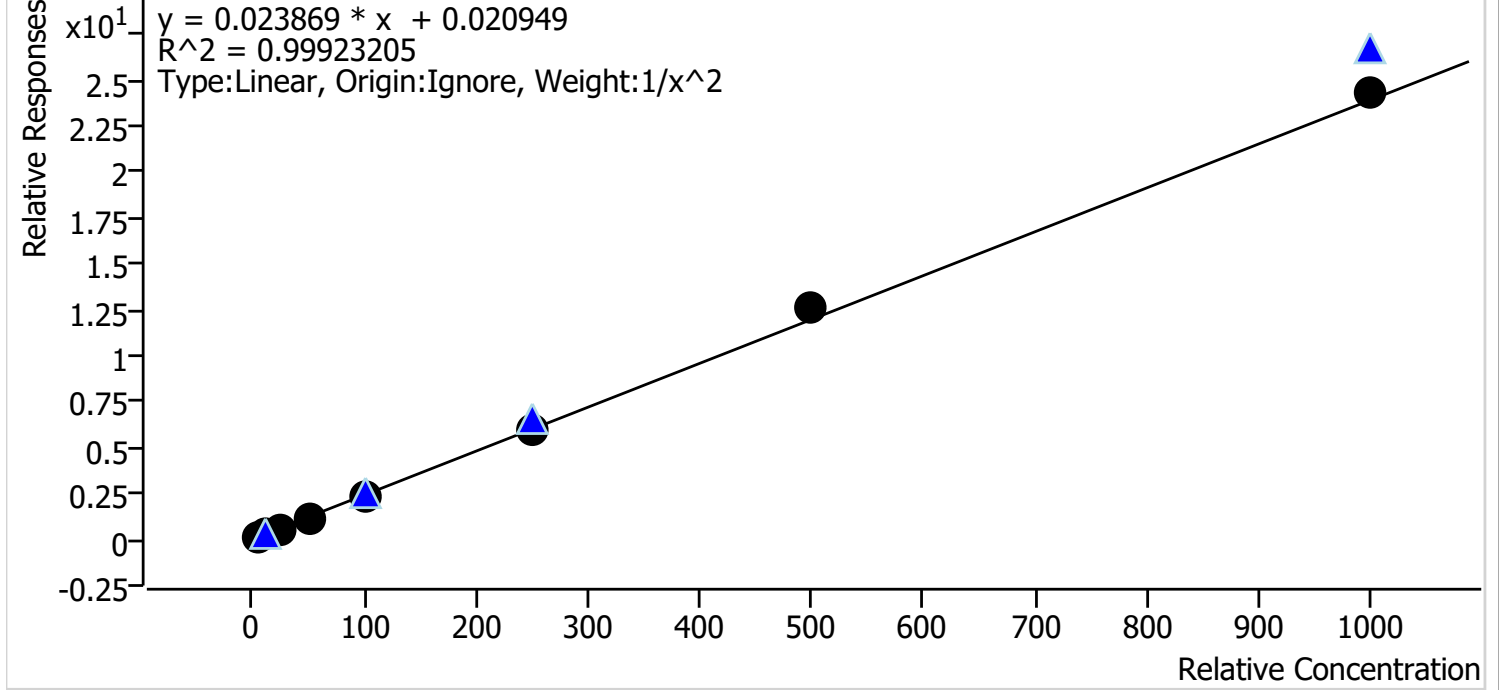
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 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 | 5.0 | 100.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.7 | 99.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.3 | 97.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.0 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 524.4 | 104.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1013.5 | 101.3 |

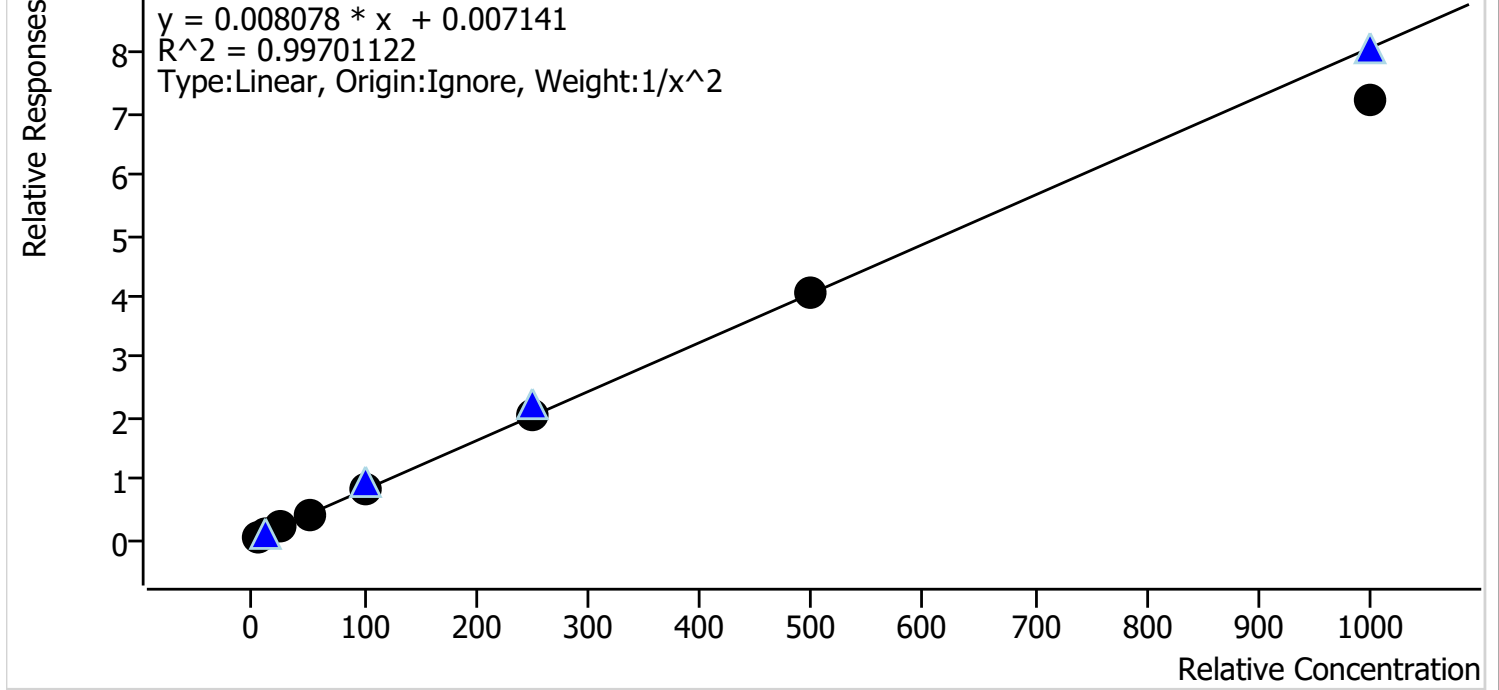
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



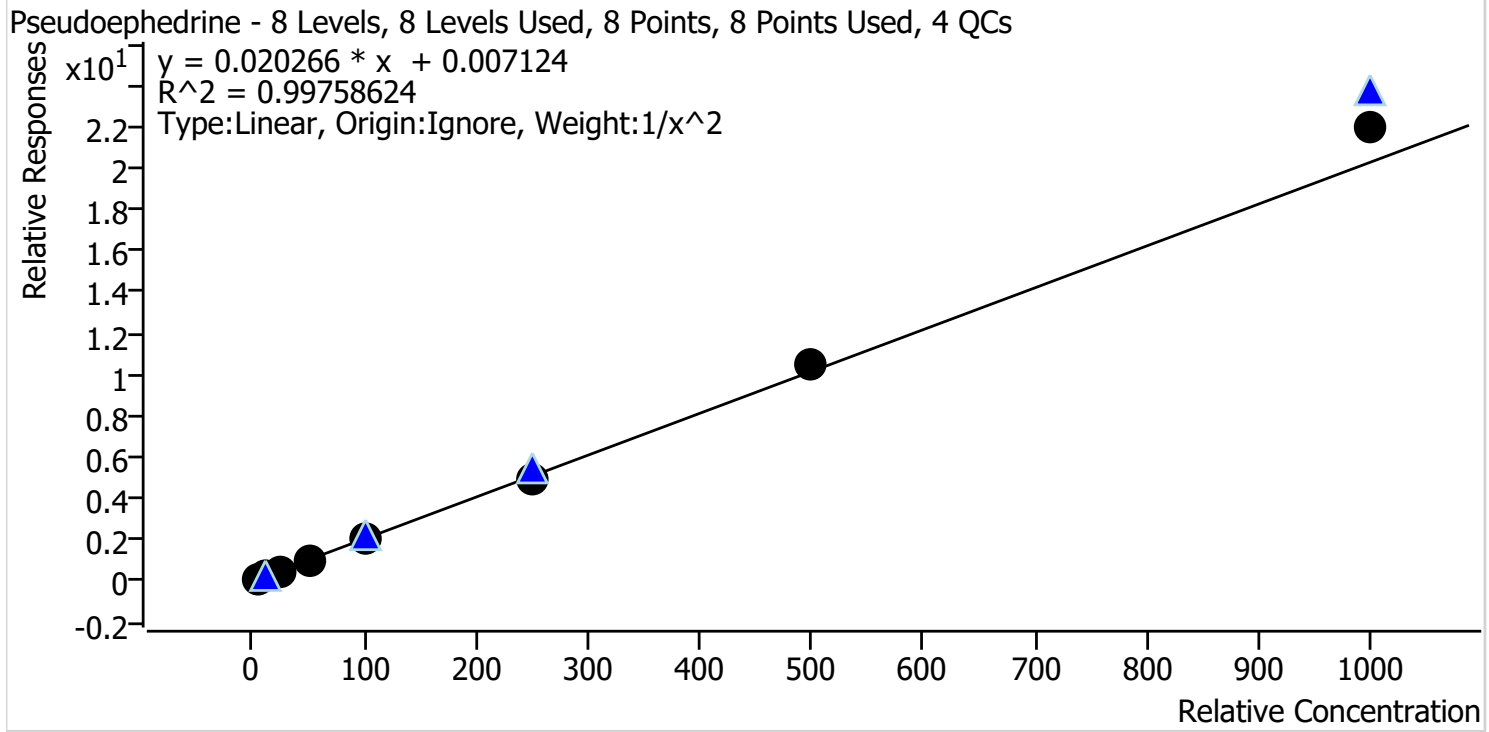
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 104.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 99.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.8 | 103.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.5 | 103.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.0 | 101.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.4 | 100.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 896.9 | 89.7 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 5.1 | 101.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.7 | 94.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.3 | 96.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.4 | 97.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.2 | 98.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 514.2 | 102.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1083.6 | 108.4 |

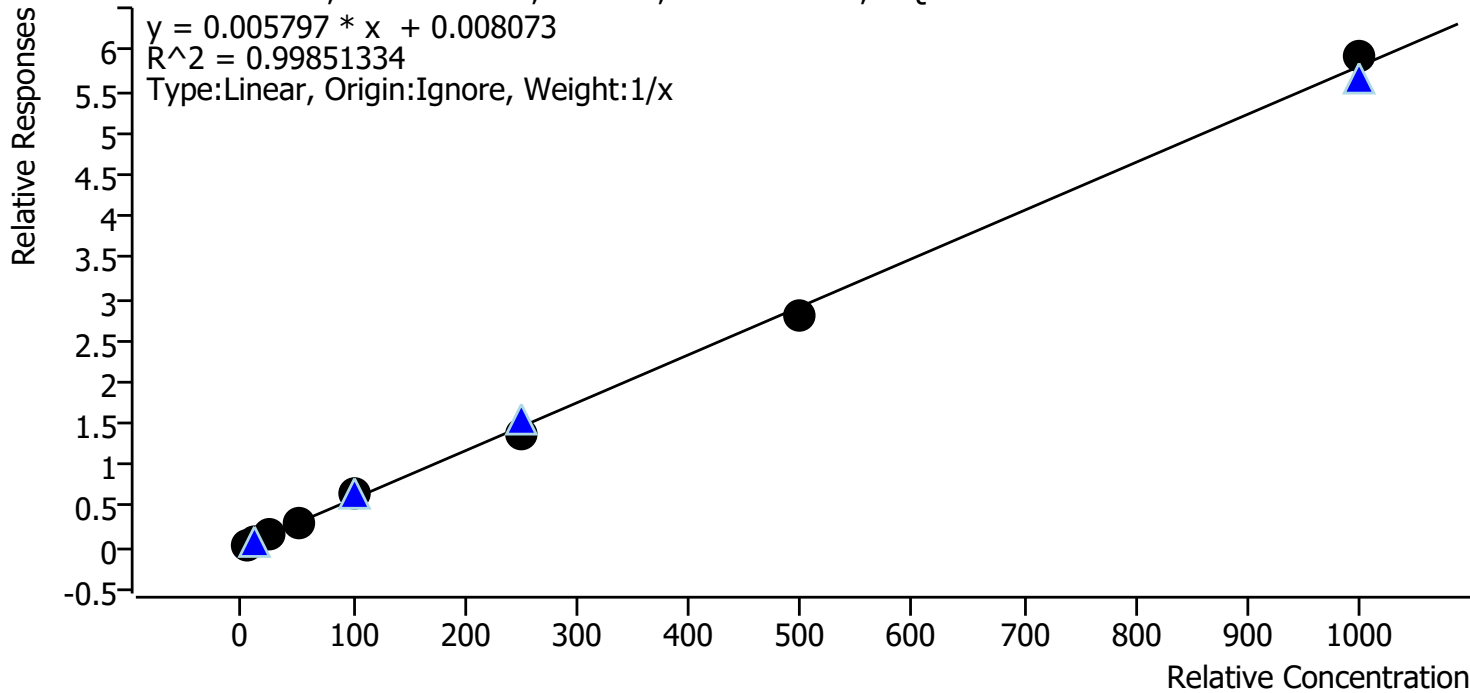
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

Levetiracetam - 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 | 96.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.1 | 100.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.8 | 101.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 109.1 | 109.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 234.8 | 93.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 485.1 | 97.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1020.3 | 102.0 |

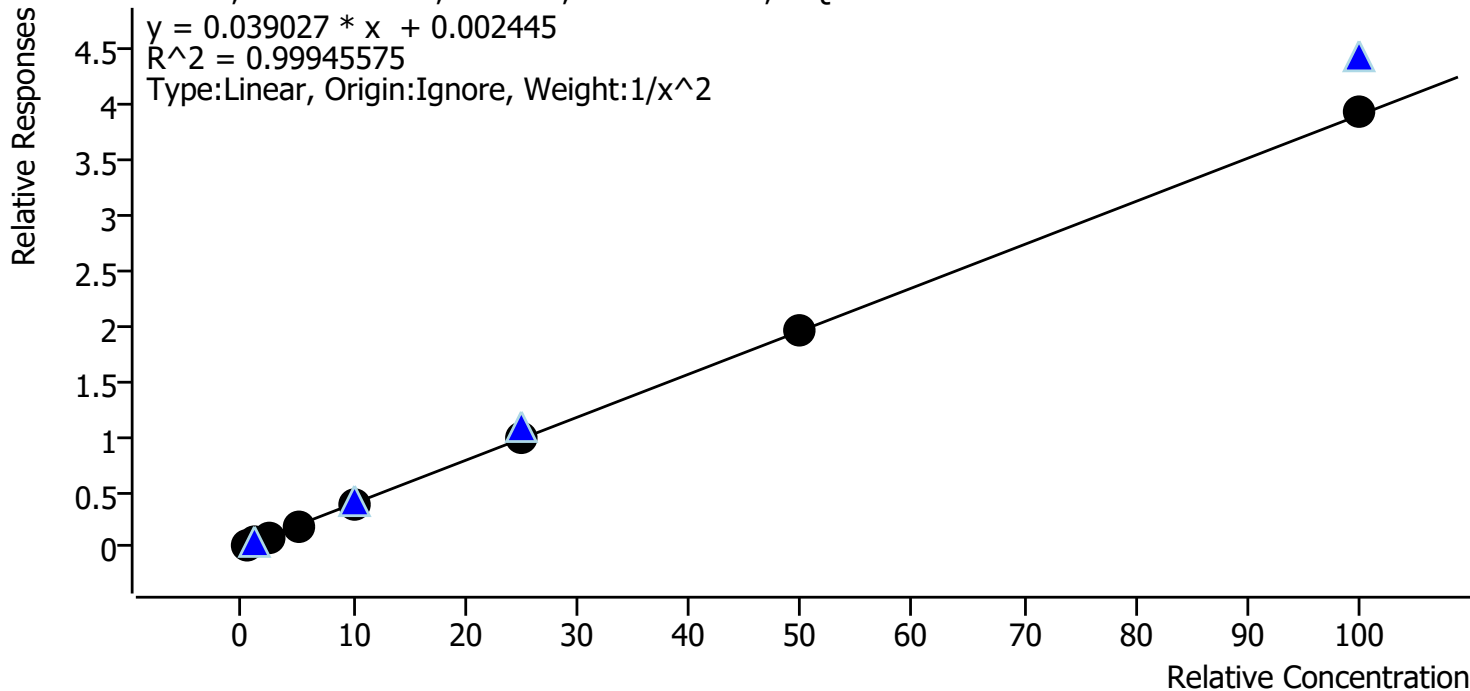
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

6-MAM - 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 | ✓ | 0.5 | 0.5 | 101.6 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.0 | 98.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.4 | 96.0 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 10.2 | 102.0 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.2 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 50.3 | 100.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 101.2 | 101.2 |

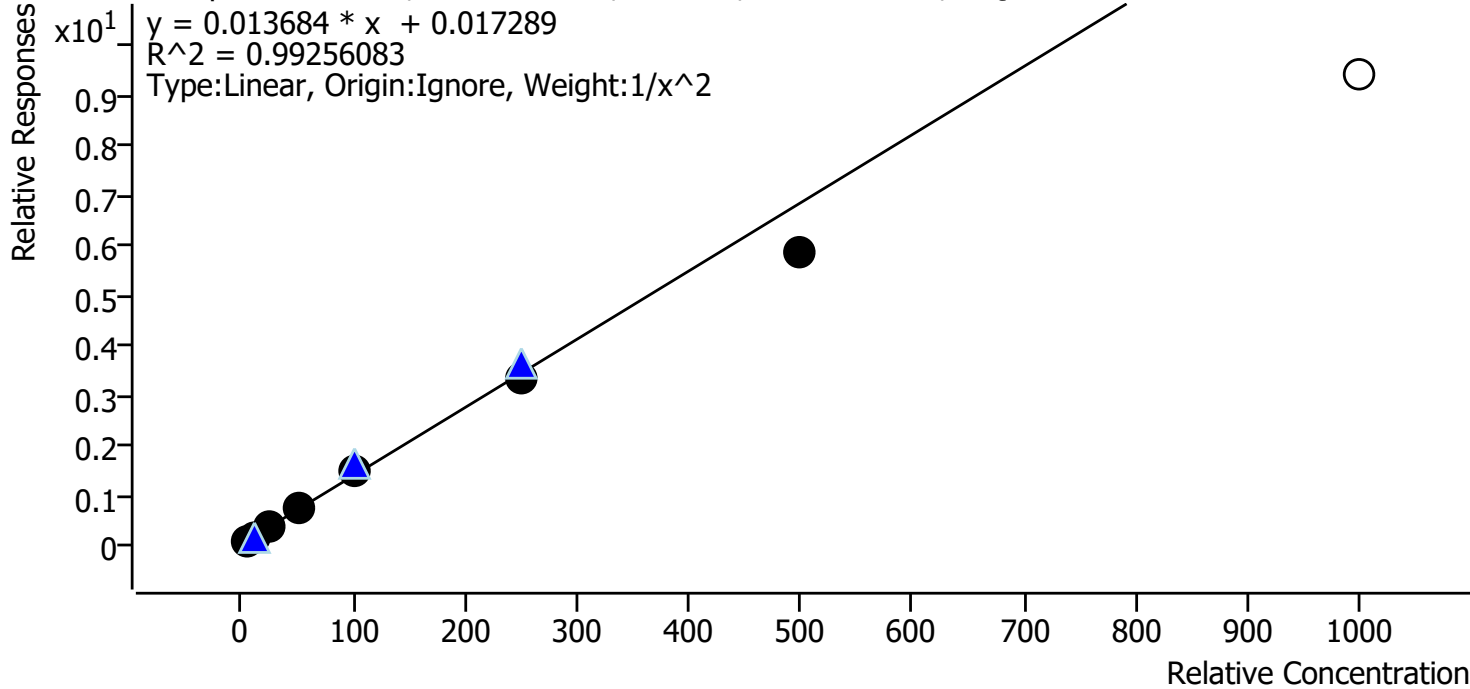
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 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 | 96.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.4 | 105.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.5 | 105.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.2 | 106.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 244.3 | 97.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 428.8 | 85.8 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 689.5 | 69.0 |

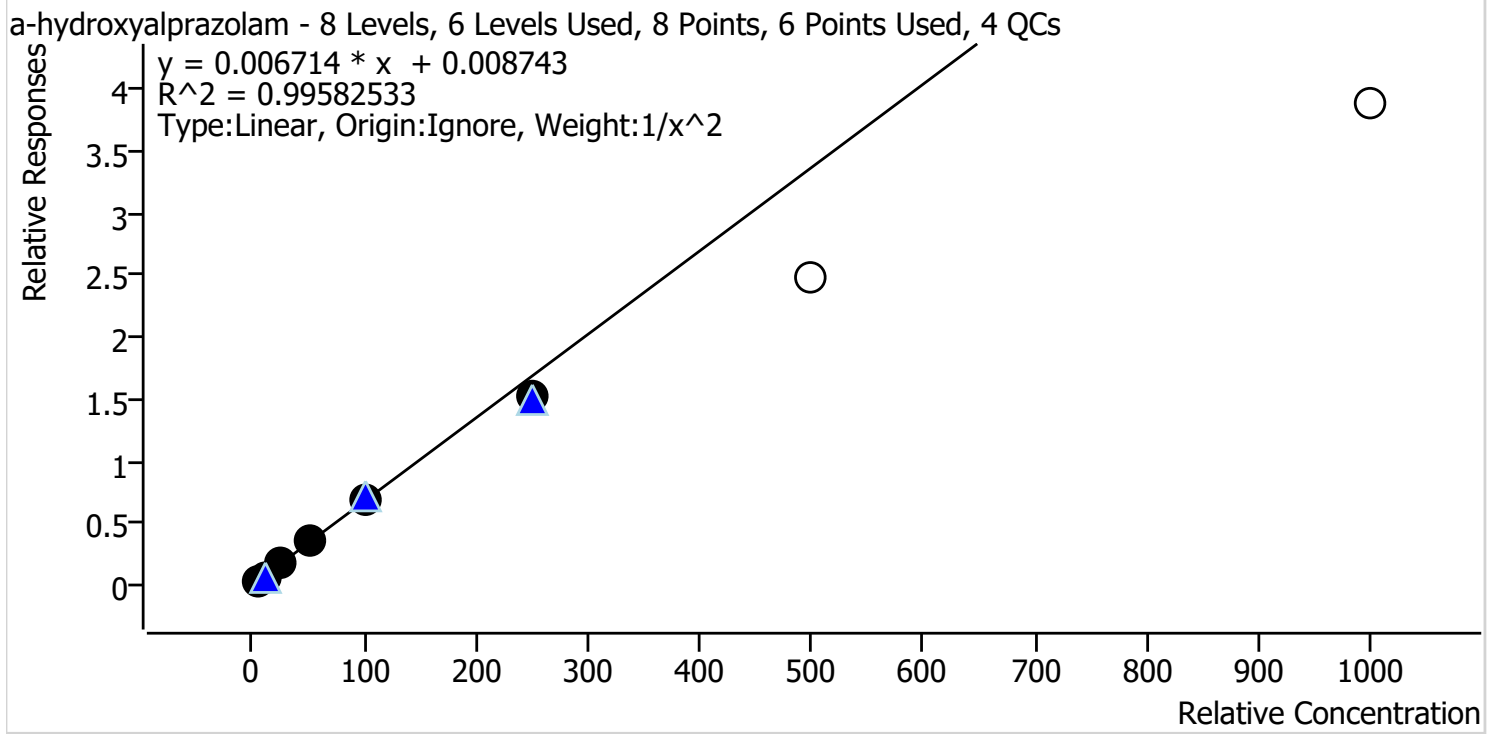
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-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 | 10.6 | 106.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.1 | 102.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.0 | 102.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 228.2 | 91.3 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 368.9 | 73.8 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 576.8 | 57.7 |

Cal 7 and 8 dropped due to accuracy

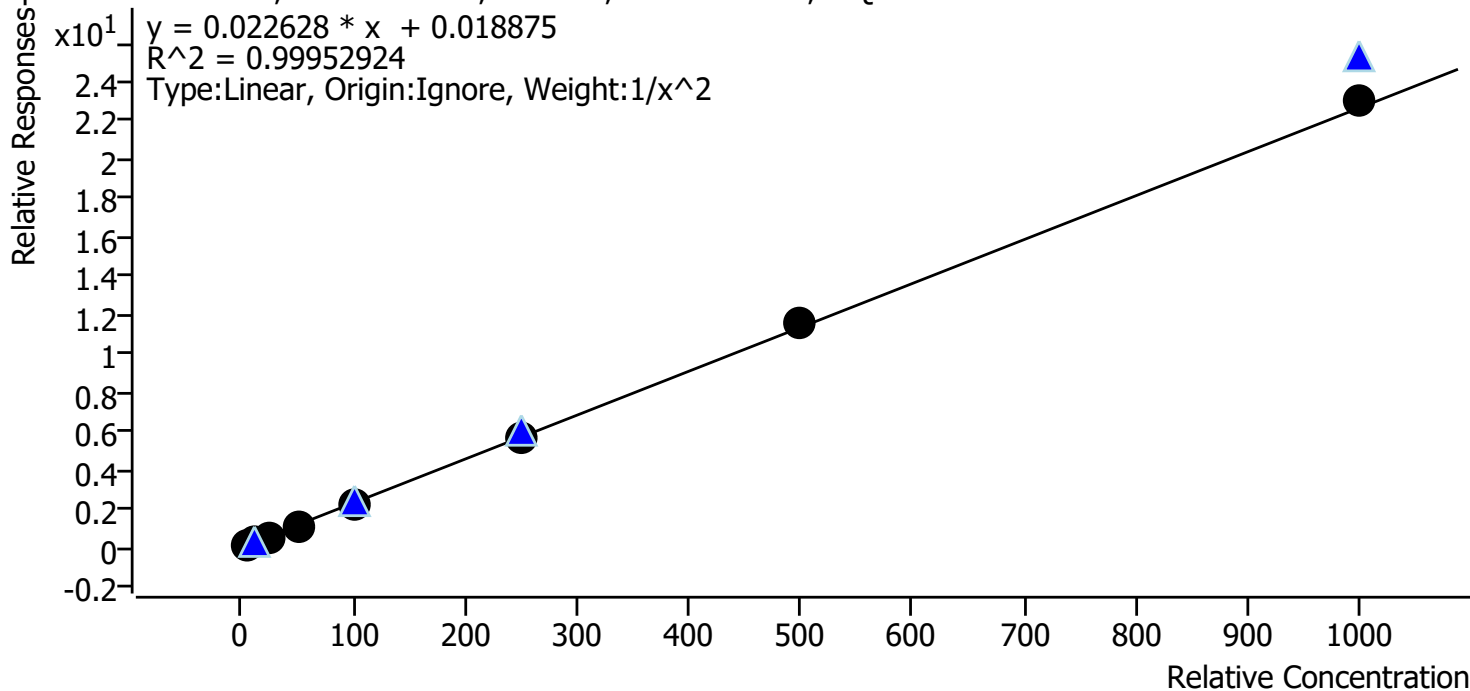
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 101.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.0 | 97.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.2 | 99.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.9 | 100.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 512.6 | 102.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1019.1 | 101.9 |

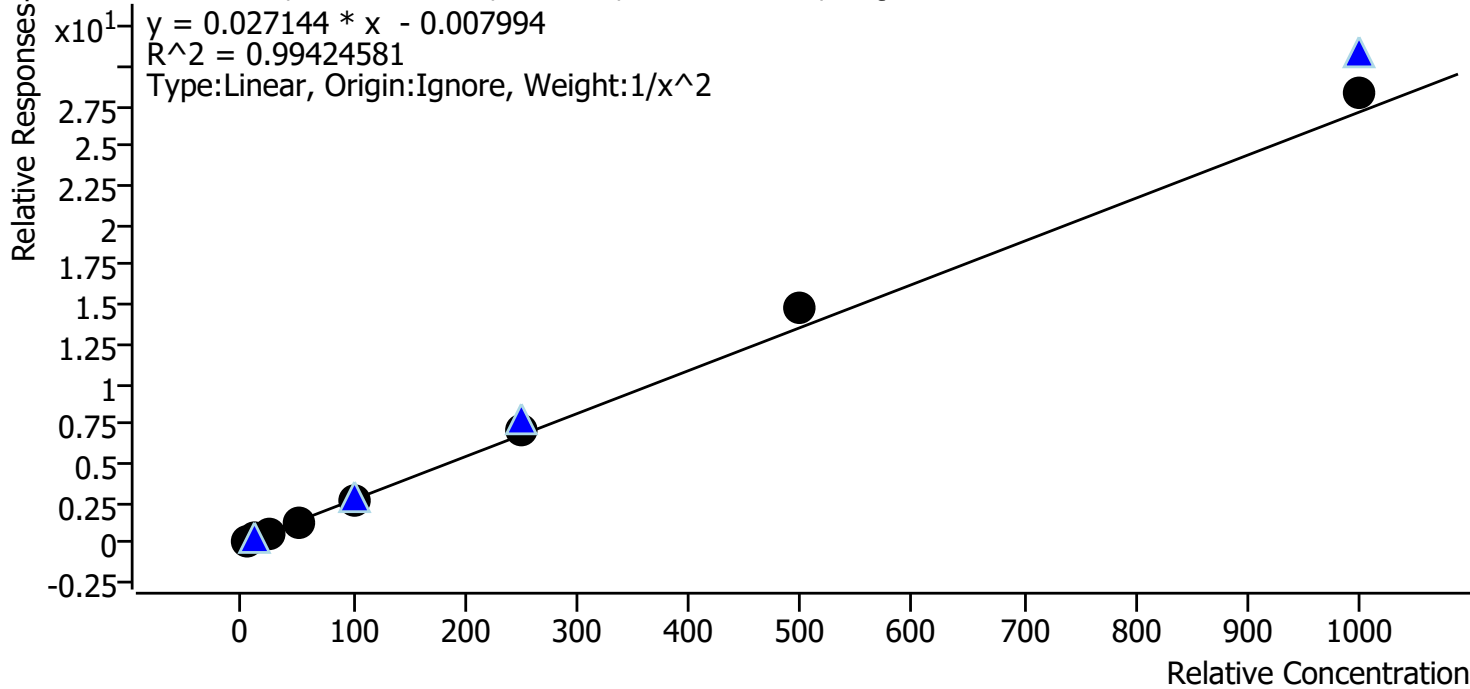
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 104.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 96.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 22.5 | 89.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.4 | 94.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.0 | 96.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 260.2 | 104.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 549.3 | 109.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1043.9 | 104.4 |

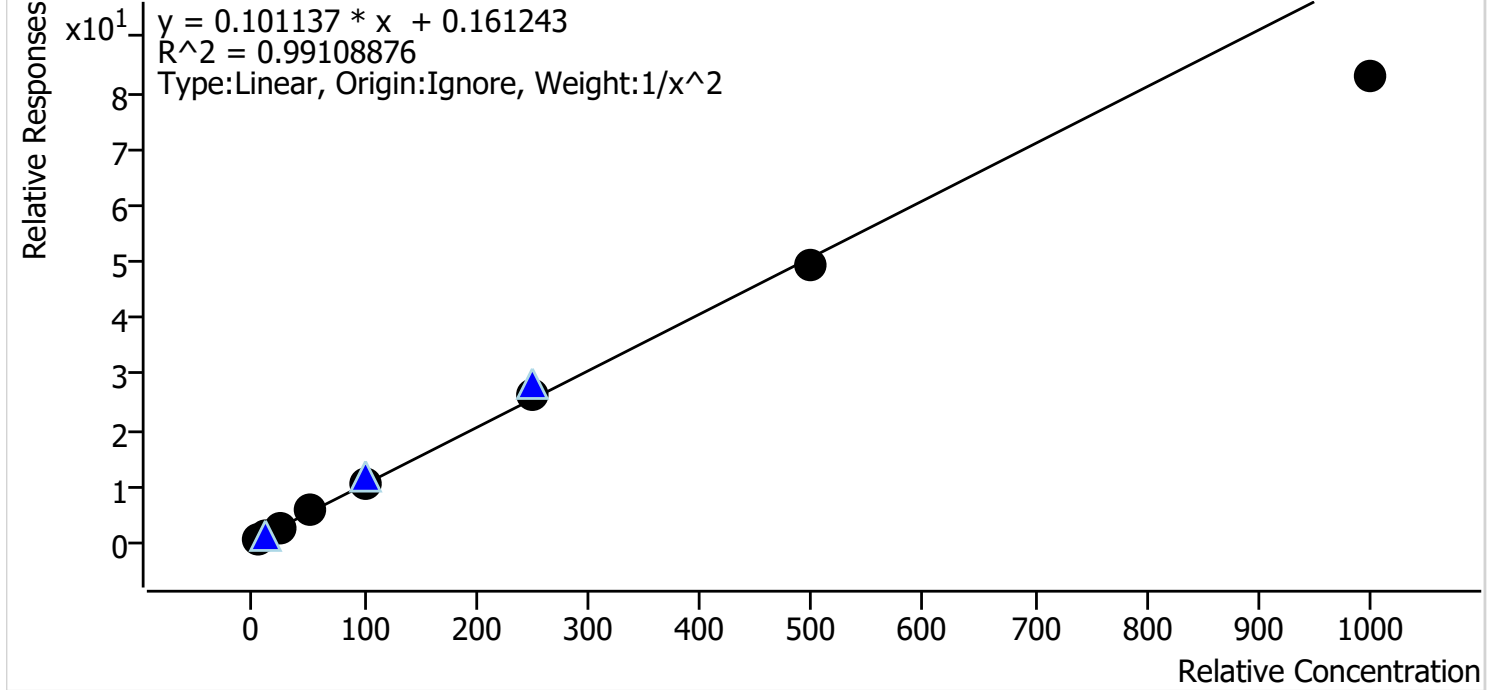
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



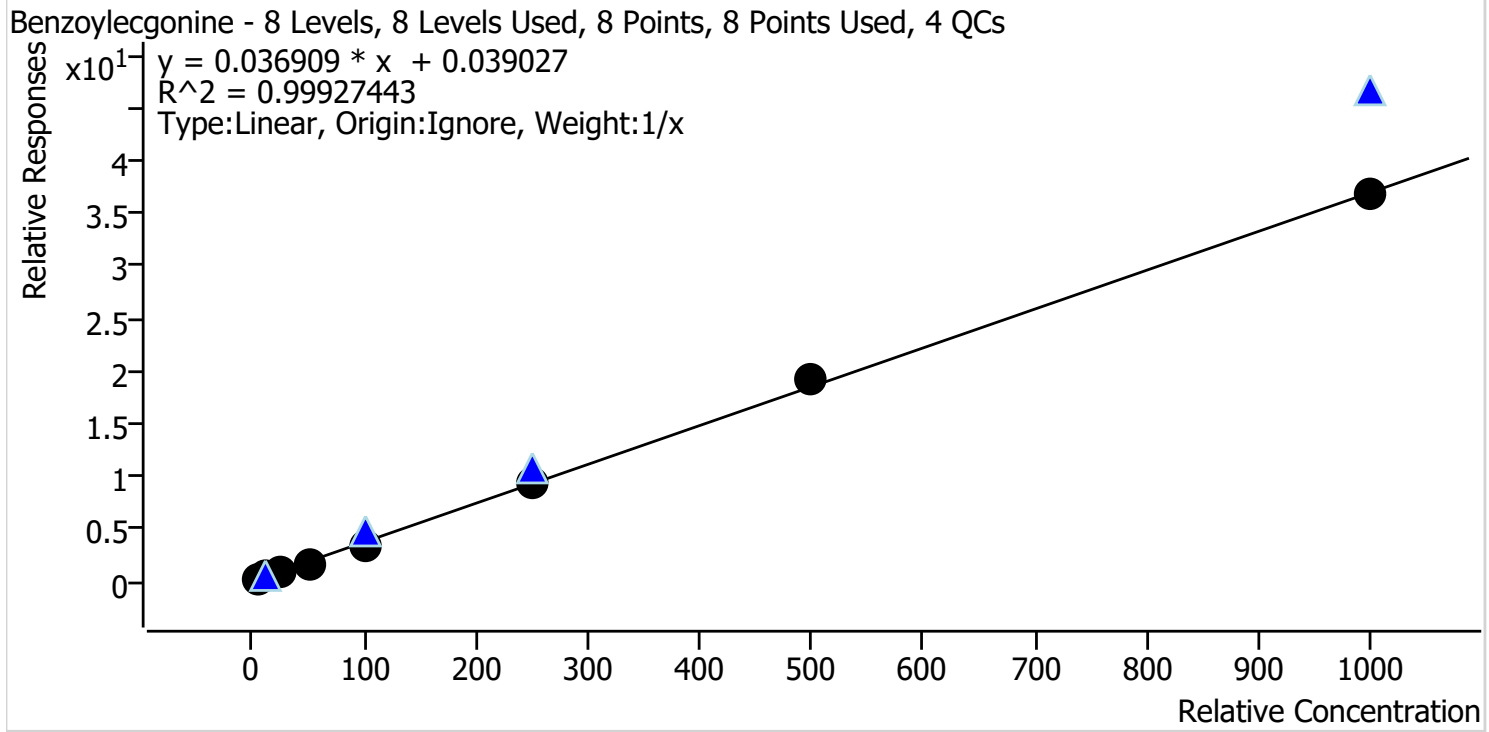
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.3 | 105.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.9 | 107.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.2 | 104.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 259.2 | 103.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 488.1 | 97.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 819.1 | 81.9 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



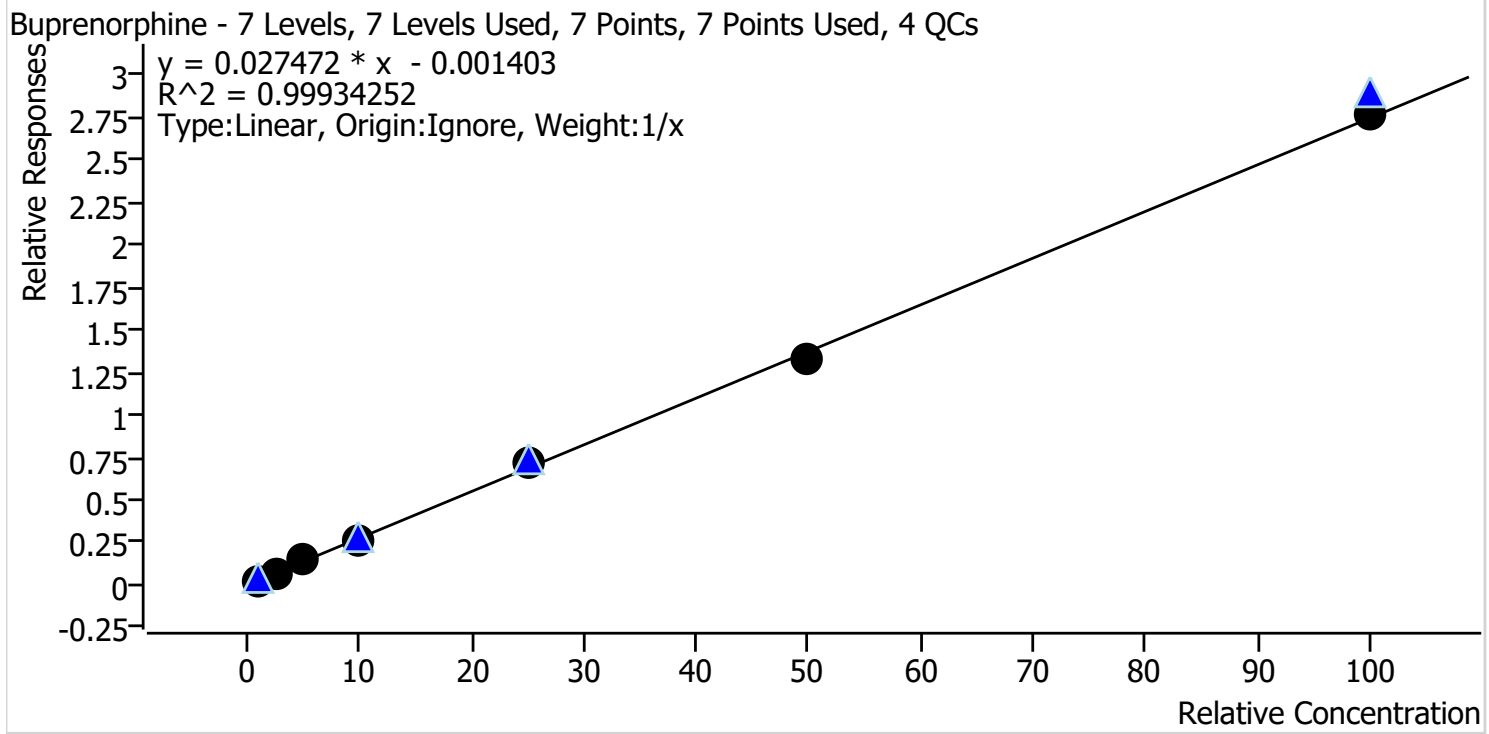
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.7 | 114.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.0 | 96.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 46.4 | 92.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 93.9 | 93.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.0 | 99.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.5 | 103.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 995.4 | 99.5 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 0.9 | 90.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.6 | 105.9 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 5.2 | 104.0 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.9 | 98.6 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.9 | 103.4 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 48.4 | 96.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 100.6 | 100.6 |

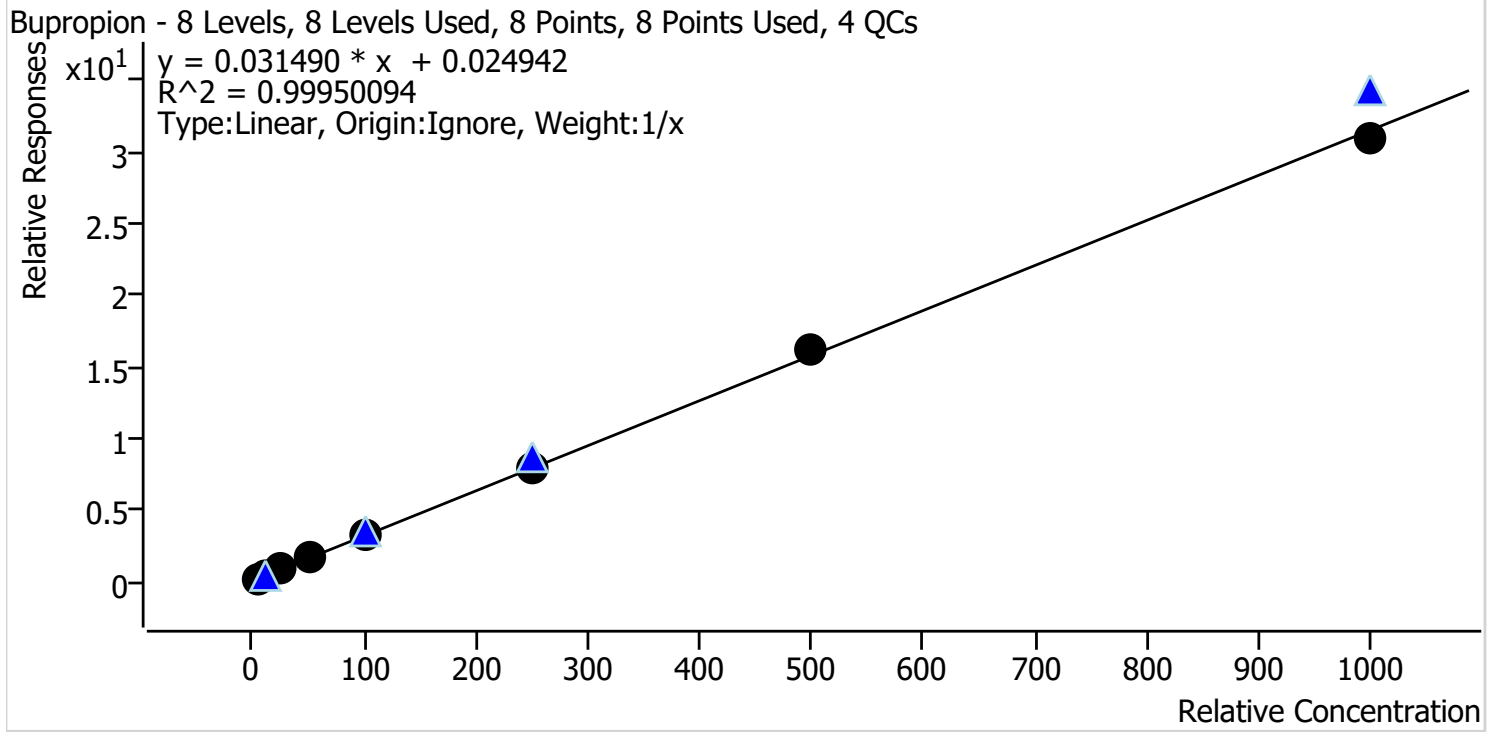
Cal 1 dropped due to ratio

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



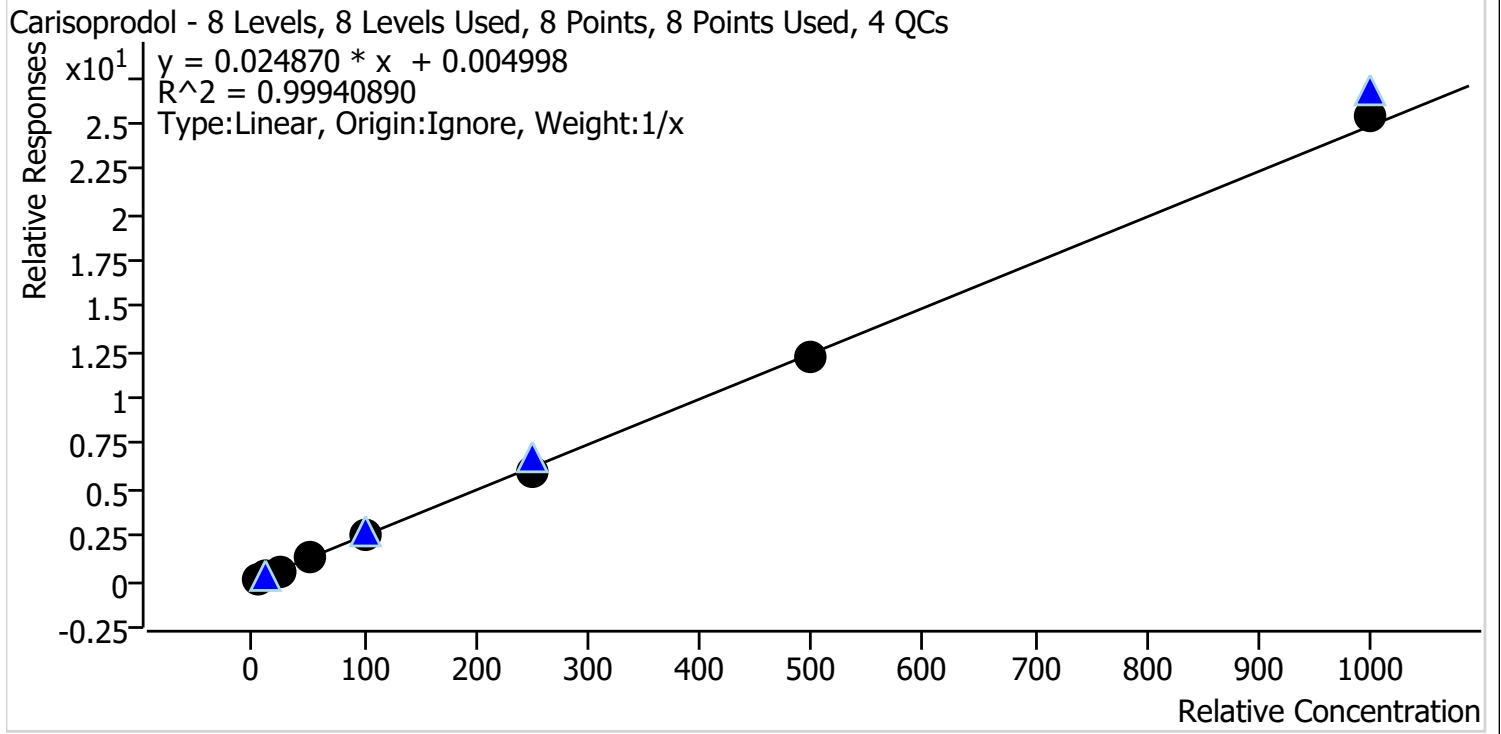
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 97.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.4 | 100.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.8 | 99.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.8 | 100.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 516.3 | 103.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 982.1 | 98.2 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 5.3 | 106.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 103.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.0 | 98.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 238.9 | 95.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.0 | 99.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1019.4 | 101.9 |

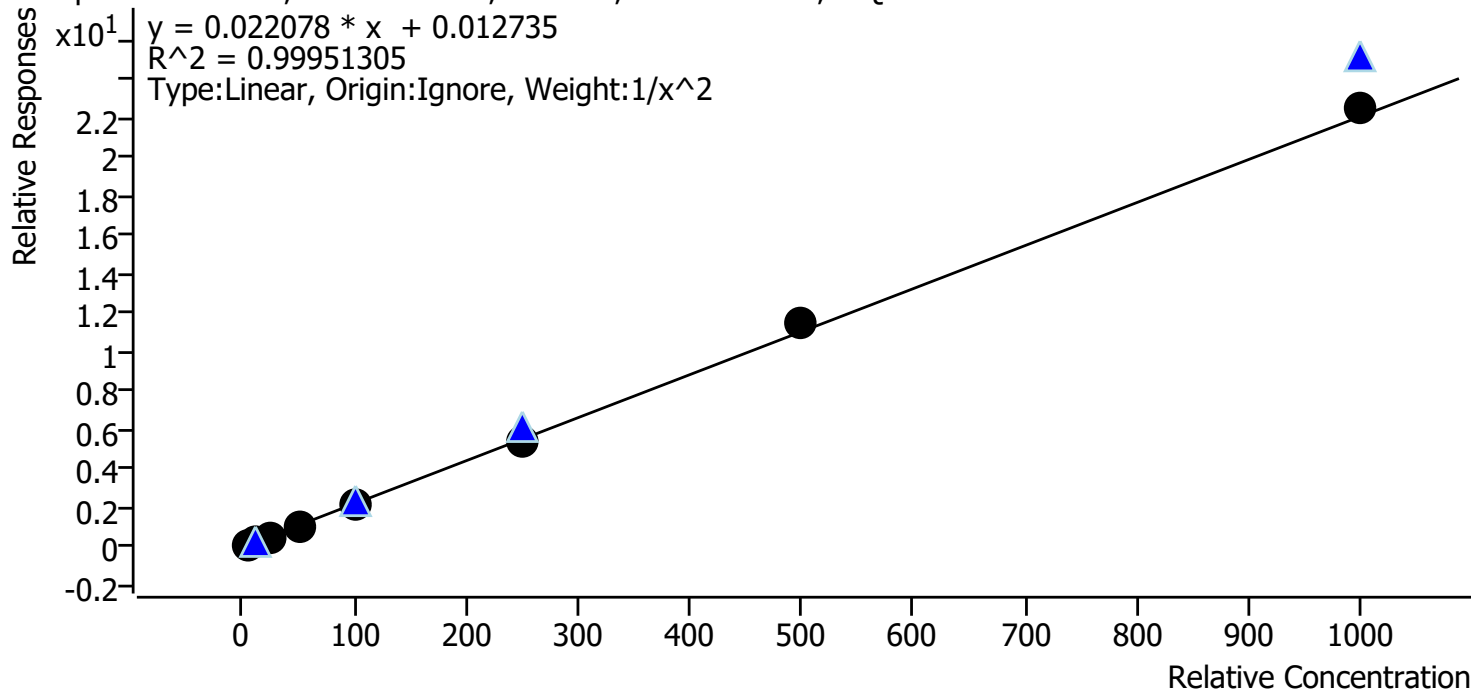
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



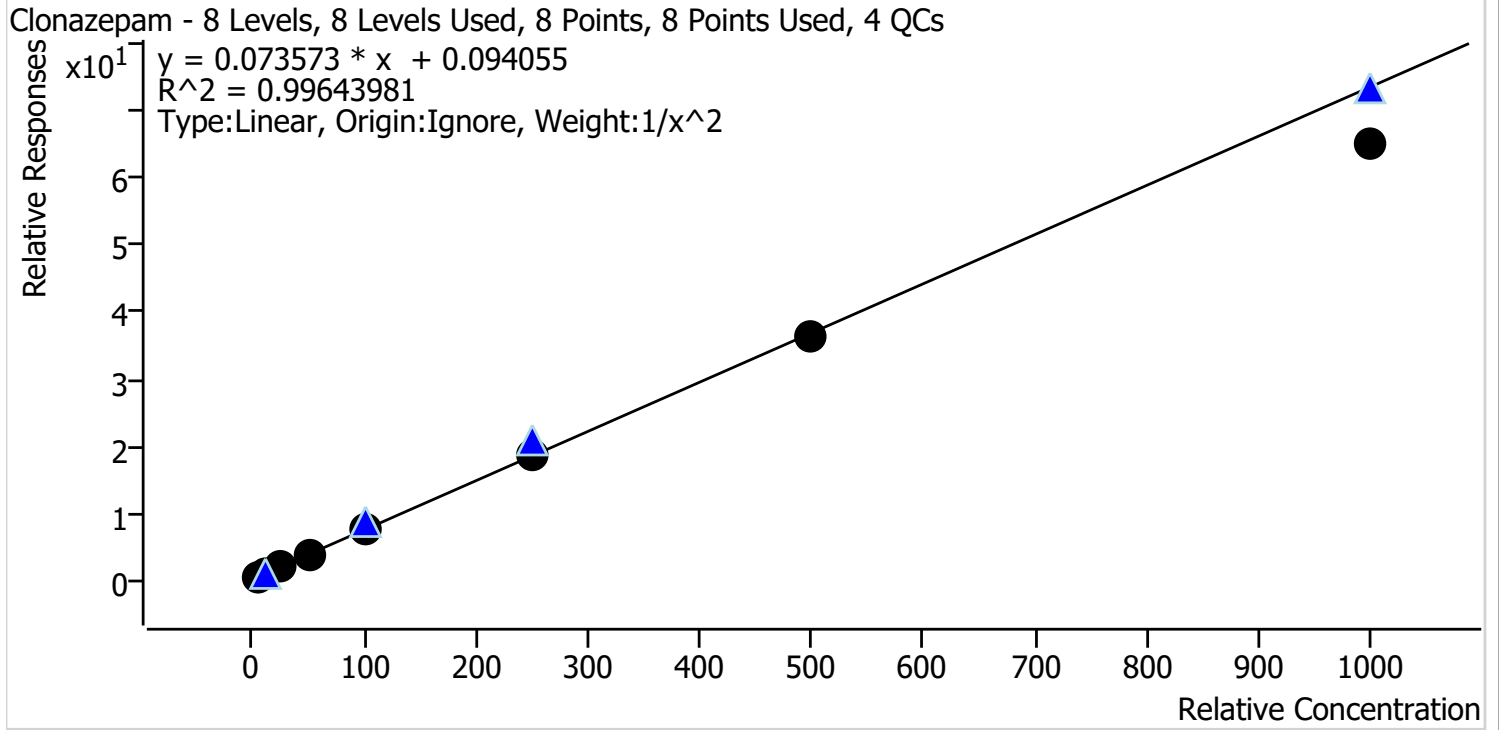
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 101.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 99.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.7 | 98.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.2 | 98.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.0 | 99.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 517.3 | 103.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1019.7 | 102.0 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 97.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.8 | 103.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.4 | 104.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.7 | 101.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.8 | 102.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.5 | 99.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 885.9 | 88.6 |

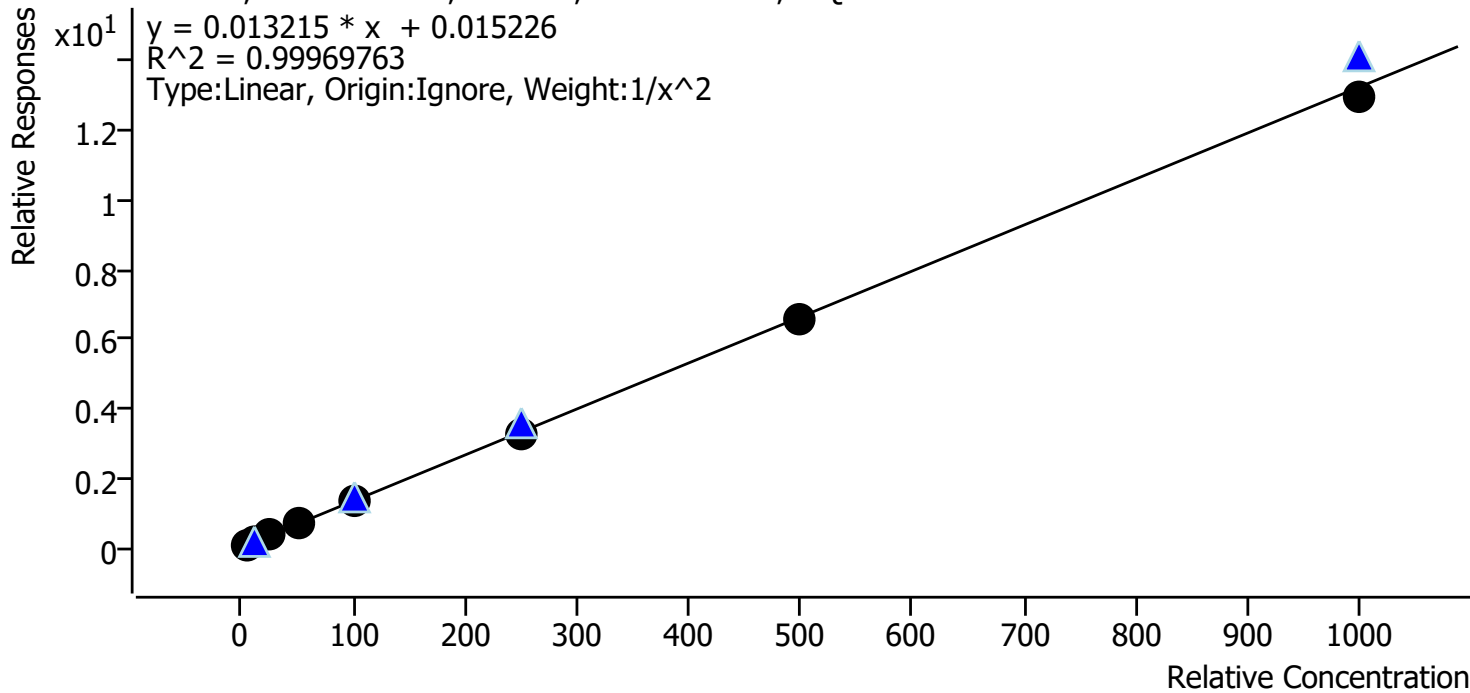
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 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 | 5.0 | 99.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 102.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.1 | 102.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.7 | 100.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 245.9 | 98.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 496.7 | 99.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 981.6 | 98.2 |

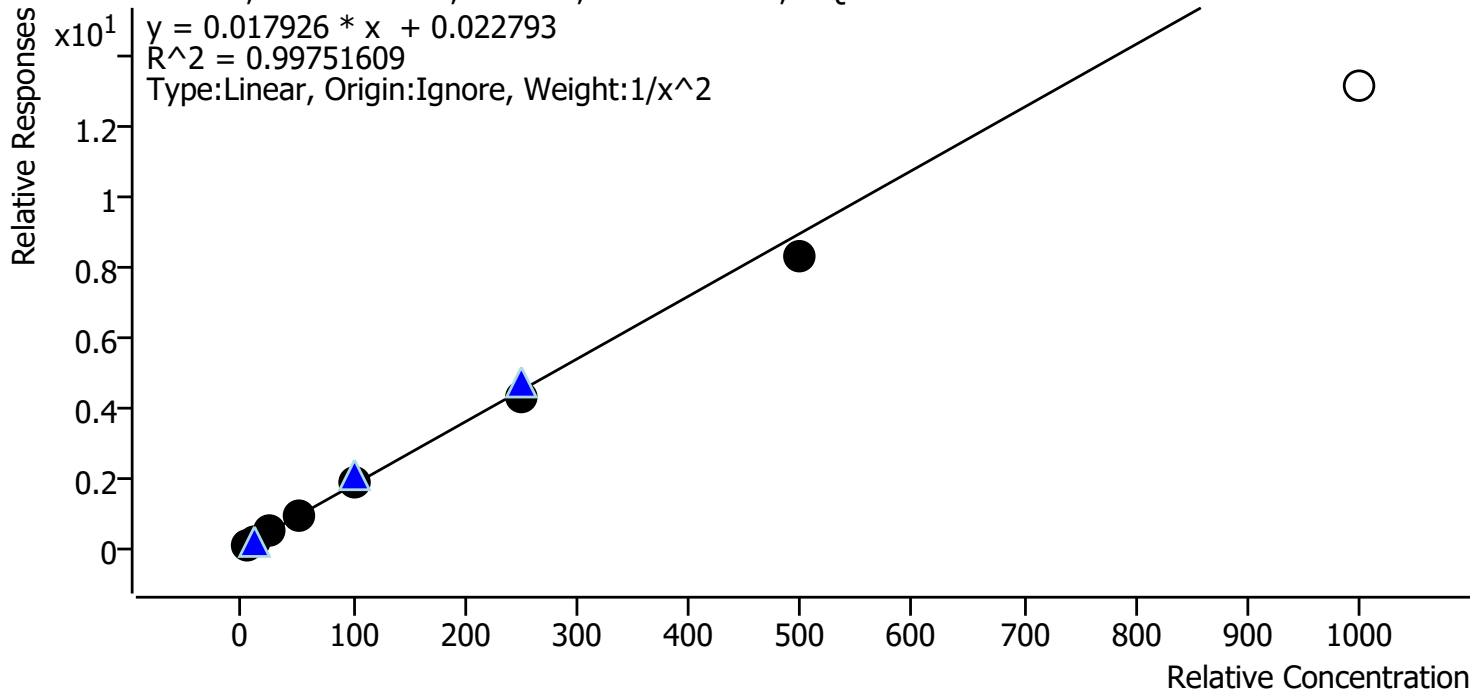
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 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 | 98.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 101.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 104.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.8 | 103.7 |
| 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 | 465.2 | 93.0 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 733.5 | 73.4 |

Cal 8 dropped due to accuracy

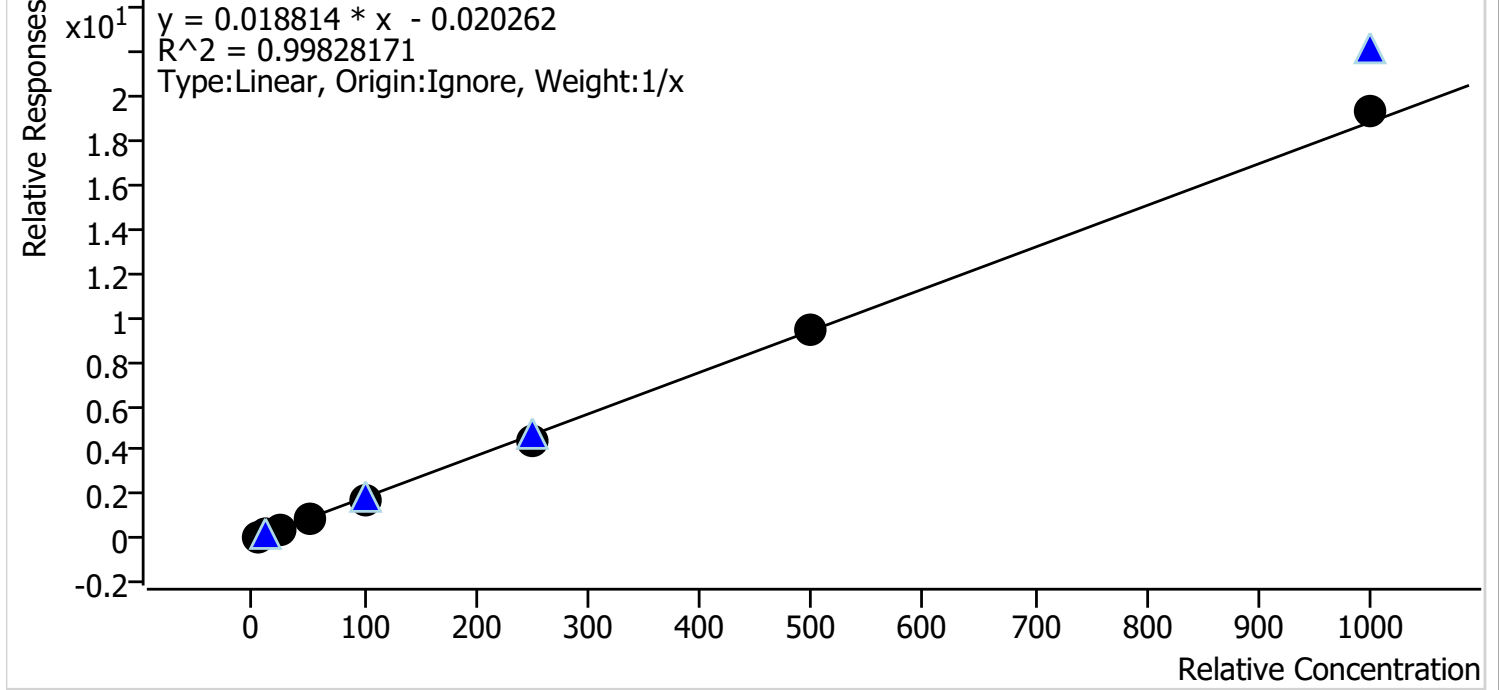
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 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 | 6.1 | 121.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 104.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 46.1 | 92.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 89.9 | 89.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 235.7 | 94.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 504.1 | 100.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1023.9 | 102.4 |

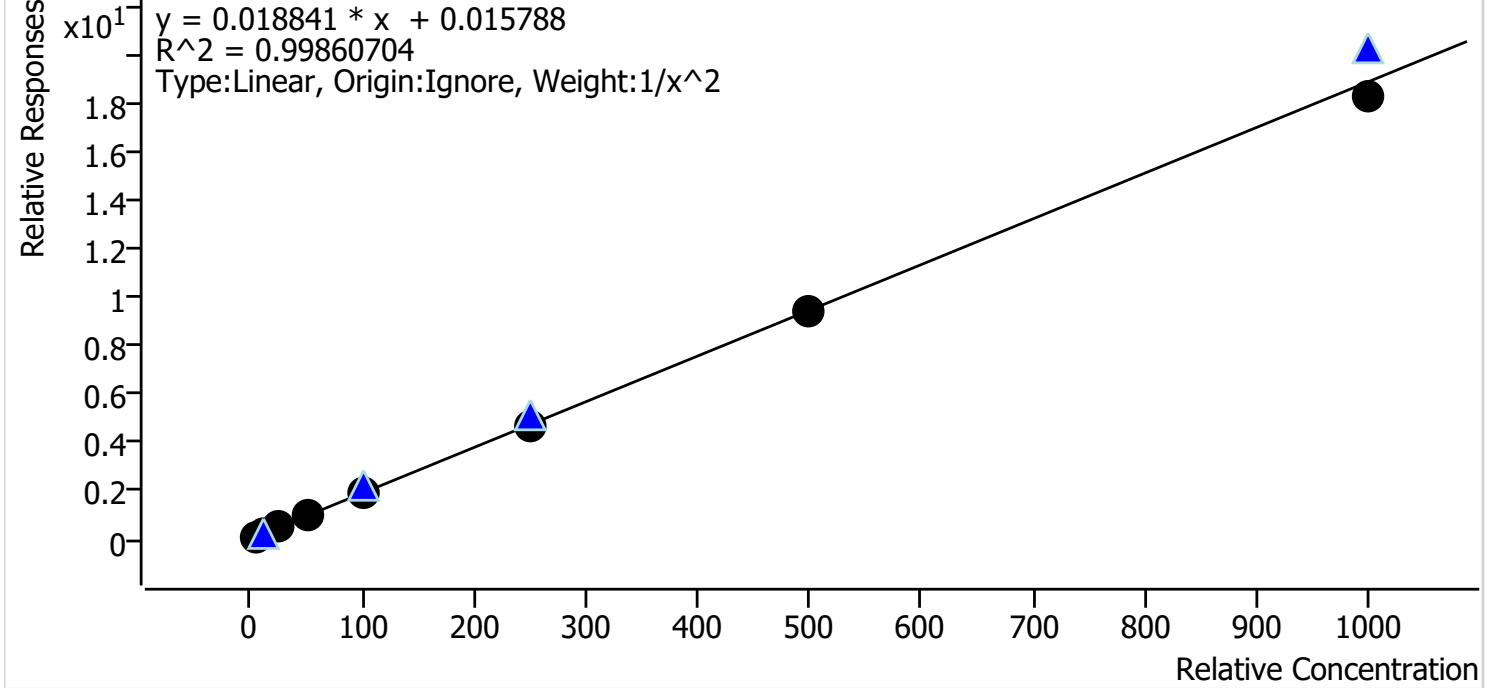
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

Dextromethorphan - 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 | 96.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.7 | 106.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.6 | 99.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.6 | 99.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.1 | 99.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 964.9 | 96.5 |

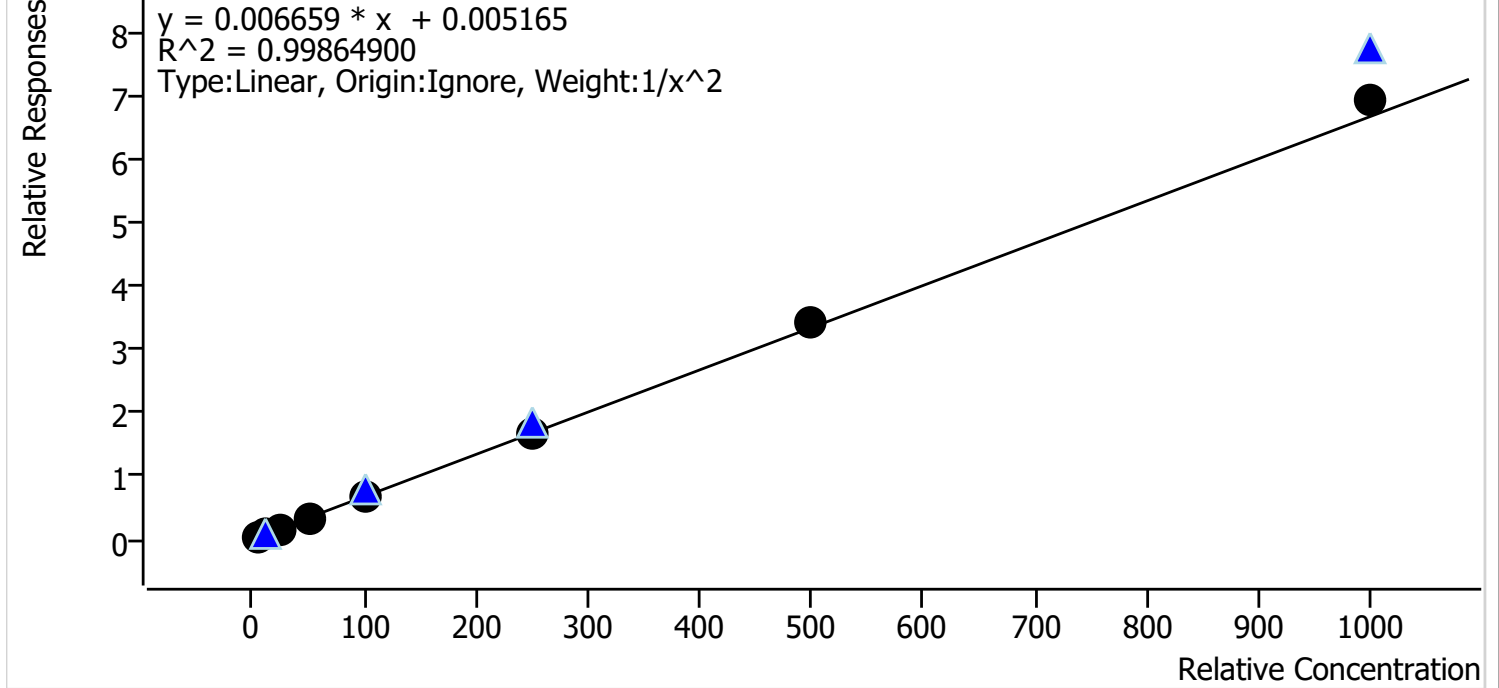
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



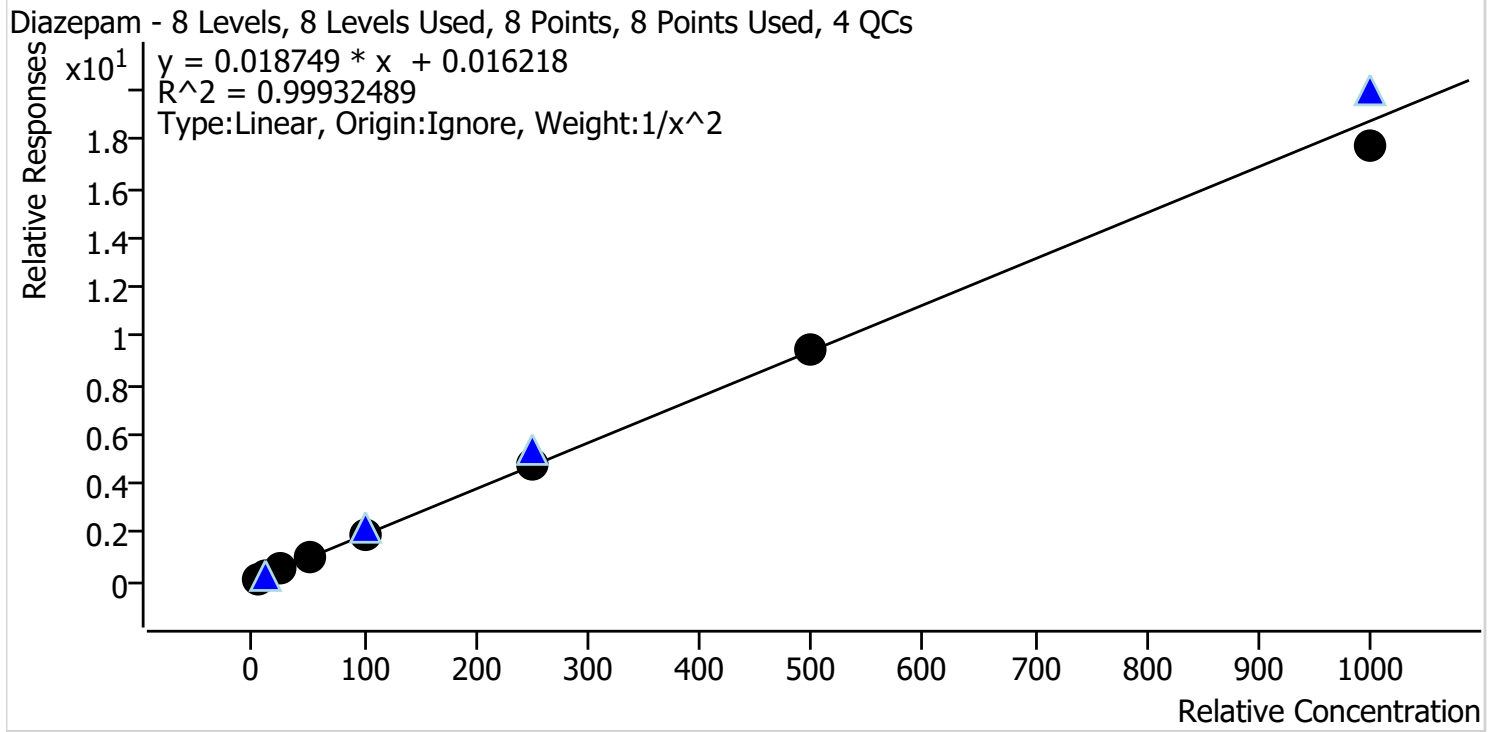
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 103.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.6 | 95.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.6 | 97.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.7 | 98.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.2 | 101.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.7 | 103.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1038.5 | 103.8 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 99.3 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.4 | 100.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.9 | 100.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.2 | 101.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.8 | 100.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 948.2 | 94.8 |

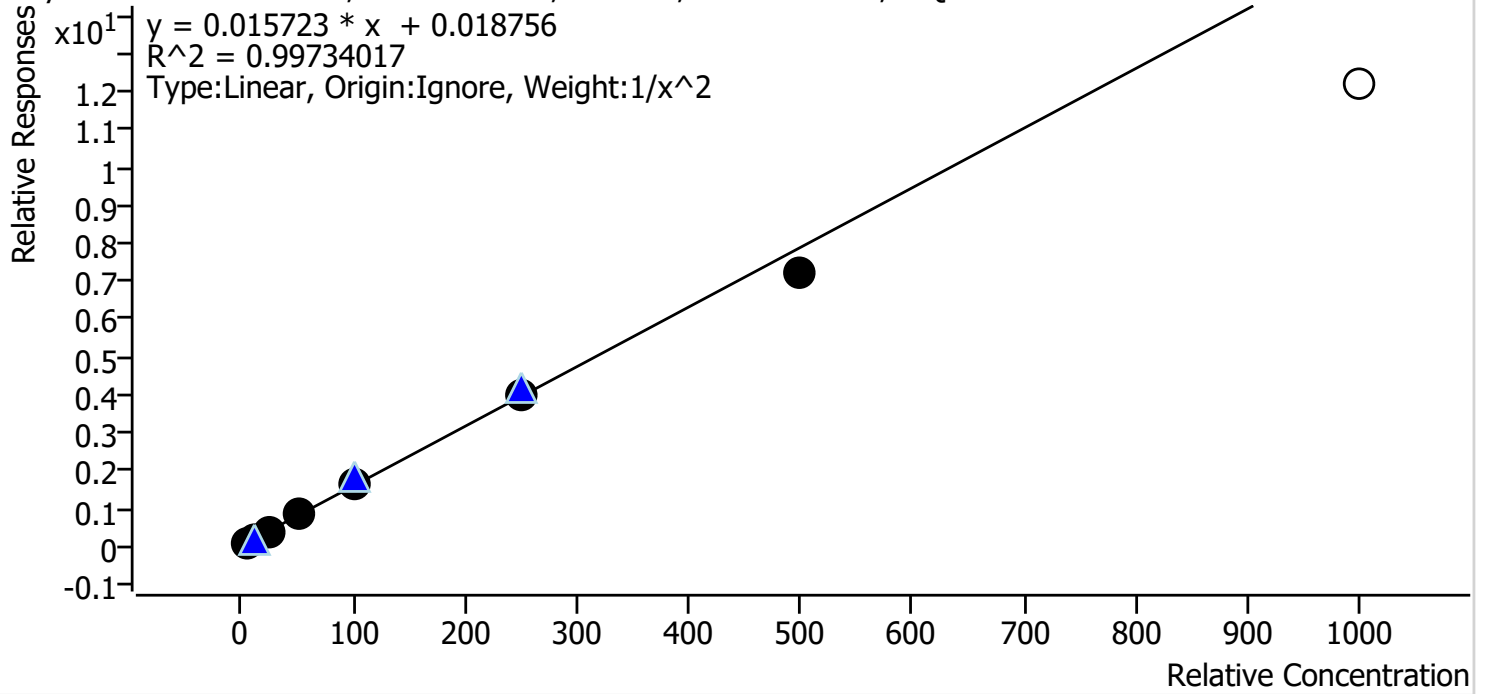
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.9 | 97.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.0 | 104.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.4 | 102.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.1 | 100.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 456.6 | 91.3 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 774.5 | 77.5 |

Cal 8 dropped due to accuracy

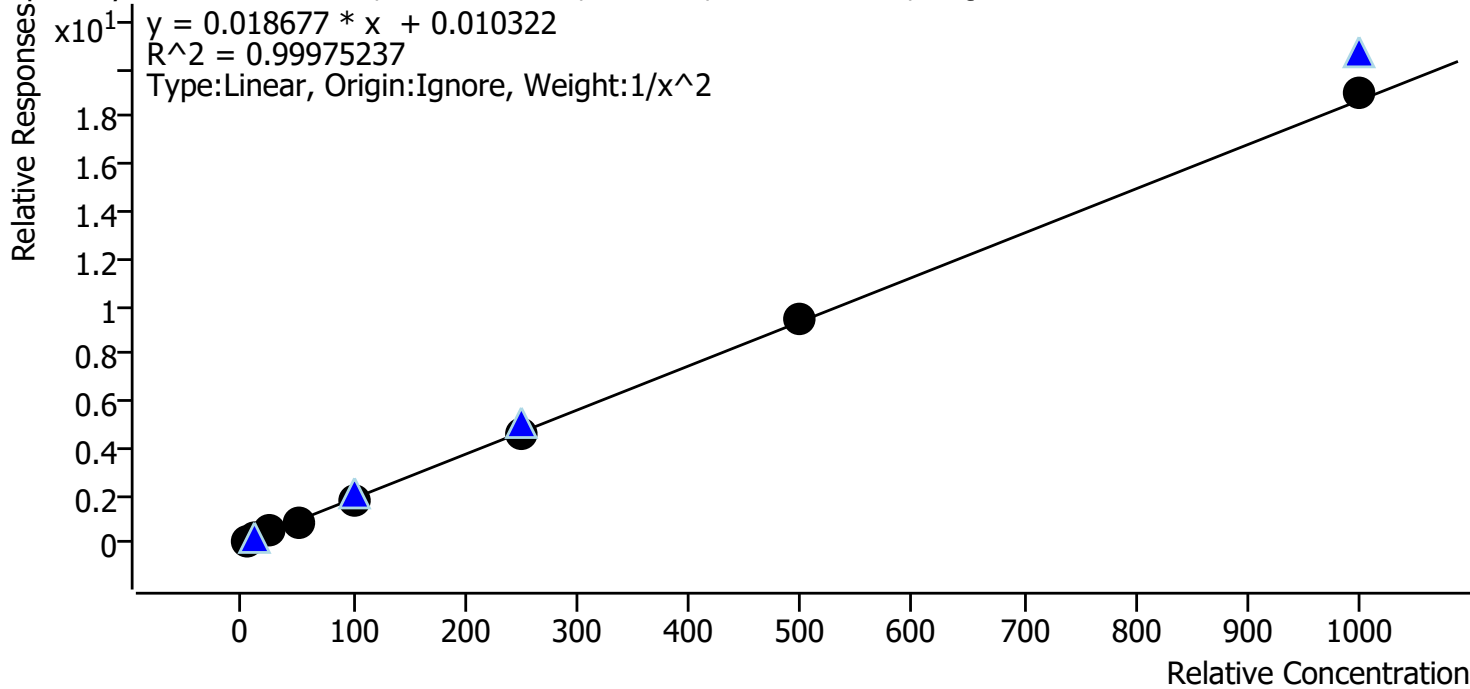
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 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 | 5.0 | 99.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.0 | 97.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.8 | 98.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.4 | 99.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 507.6 | 101.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1016.1 | 101.6 |

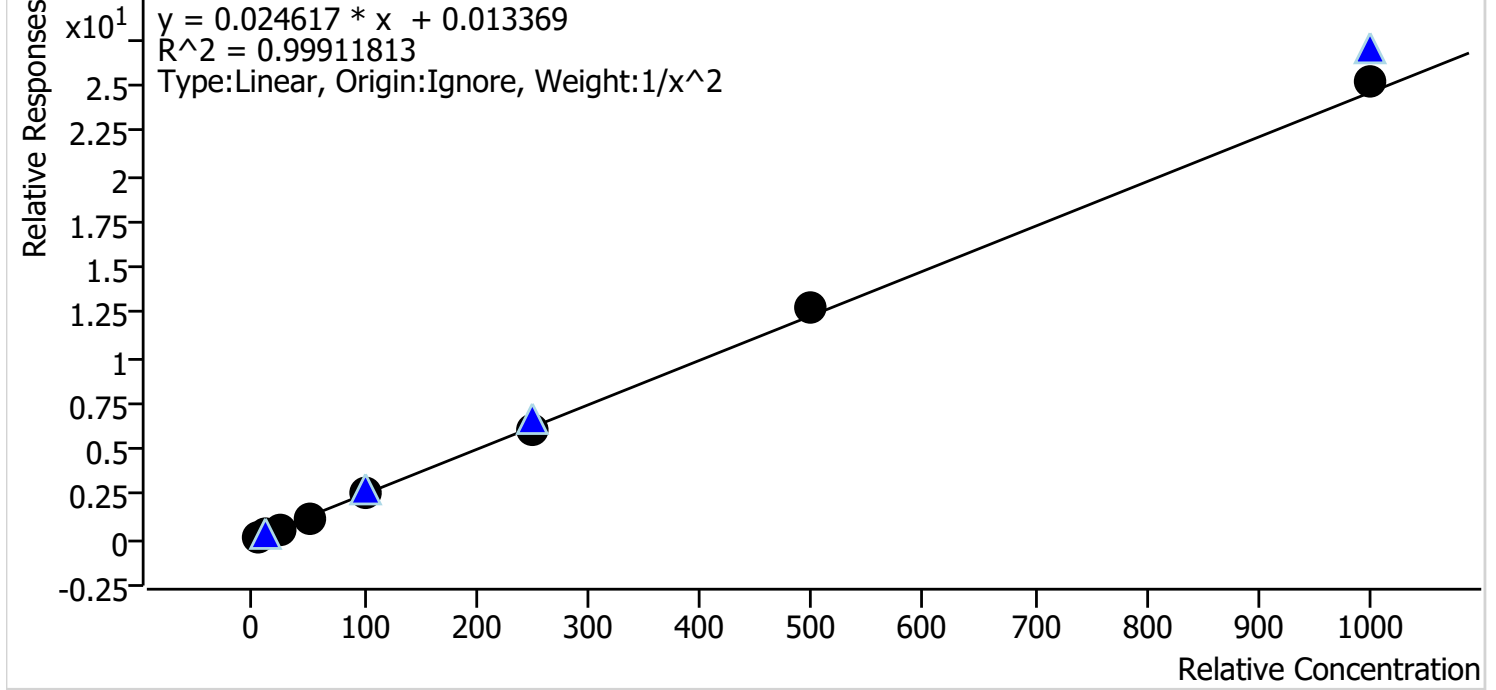
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 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 | 101.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.9 | 98.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.0 | 95.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.3 | 98.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.5 | 99.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.7 | 99.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 519.6 | 103.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1027.1 | 102.7 |

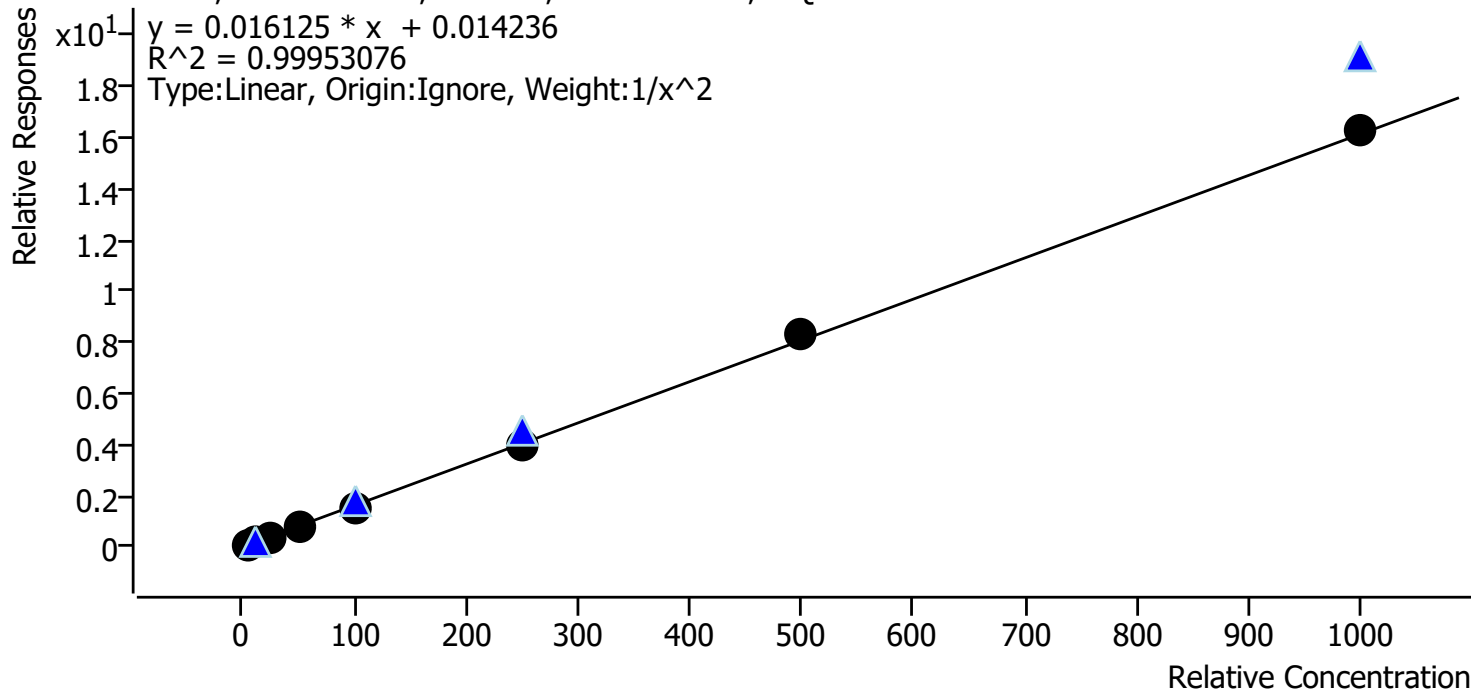
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 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 | 5.0 | 99.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 101.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.6 | 98.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.5 | 99.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.0 | 97.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.3 | 100.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 514.6 | 102.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1011.8 | 101.2 |

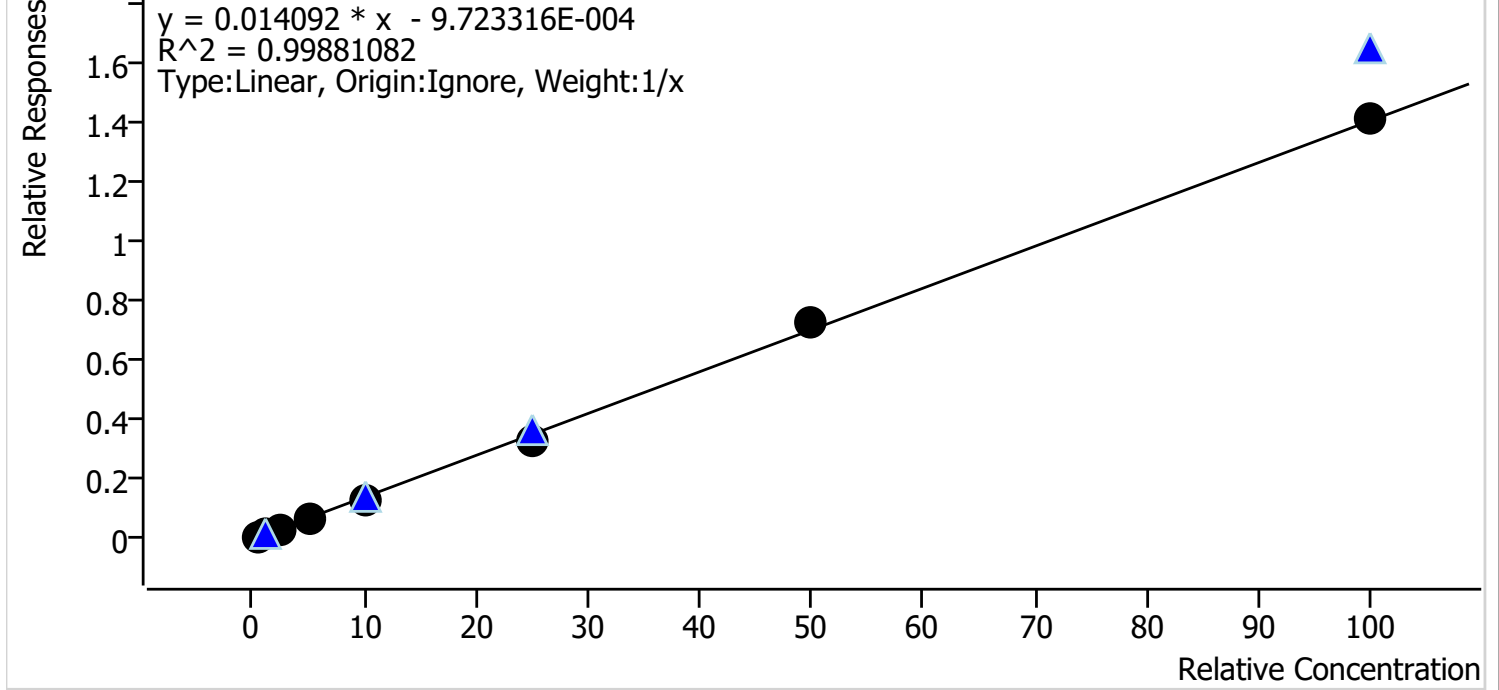
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 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 | ✓ | 0.5 | 0.6 | 112.7 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.1 | 105.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.5 | 98.2 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.5 | 90.4 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.5 | 94.9 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 23.6 | 94.4 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 51.4 | 102.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 100.9 | 100.9 |

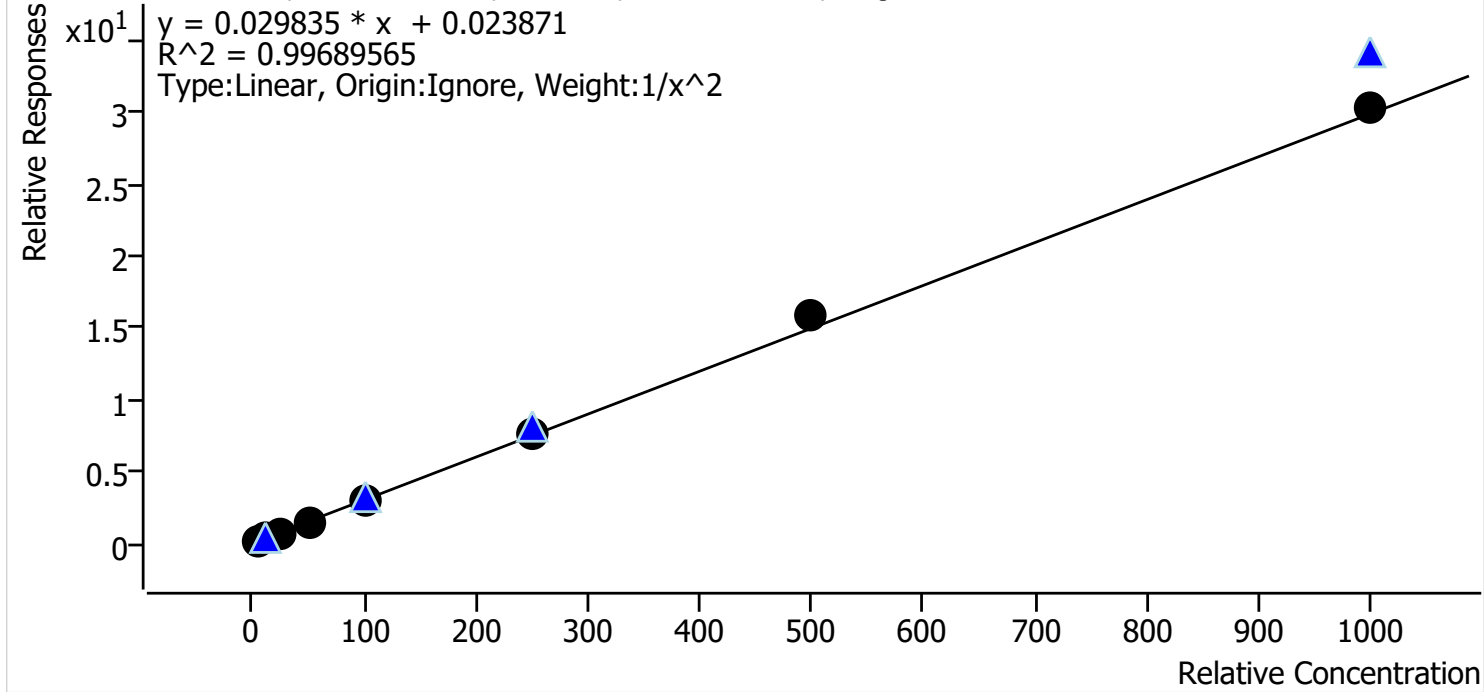
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



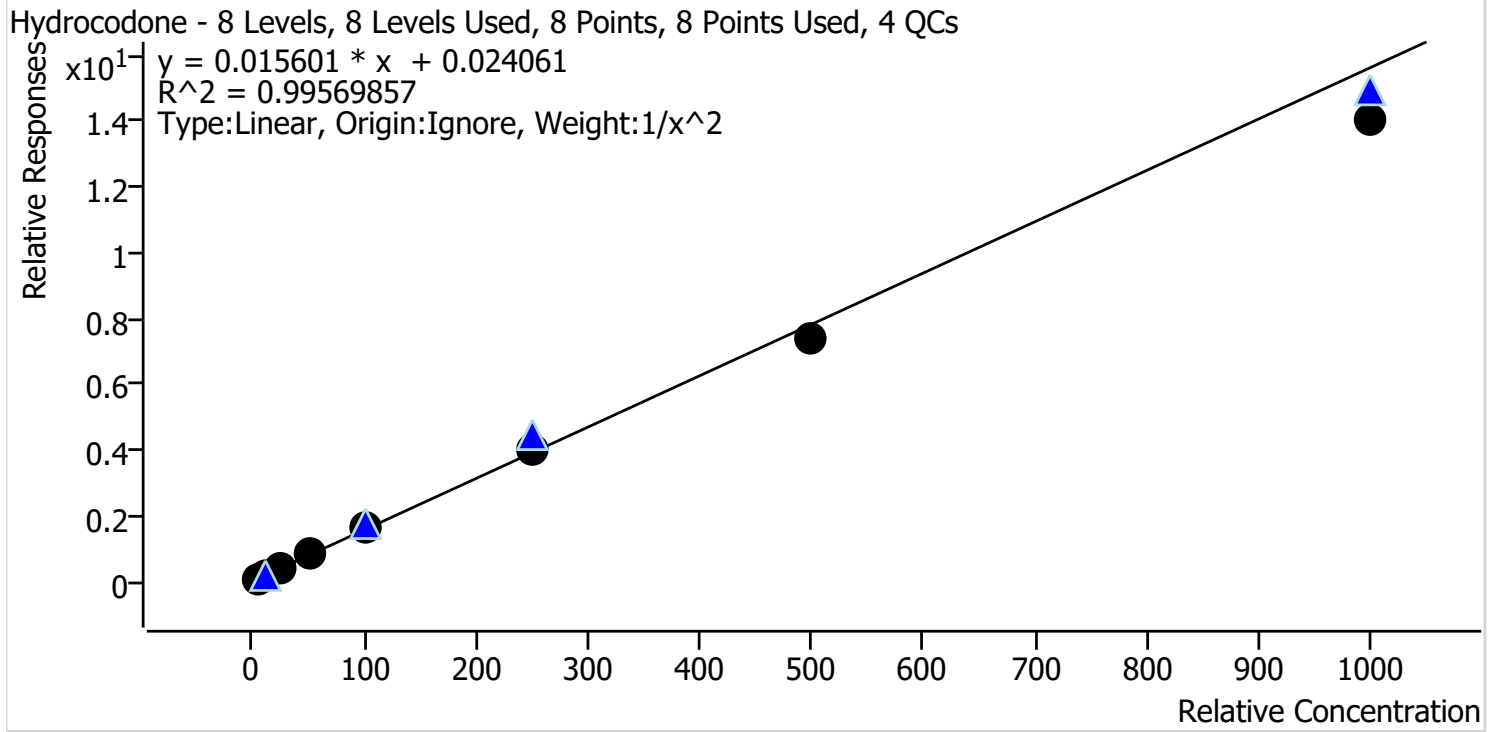
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 22.6 | 90.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.0 | 96.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.8 | 99.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.3 | 103.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 530.8 | 106.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1013.1 | 101.3 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.9 | 97.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 101.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 103.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.7 | 105.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.3 | 104.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.2 | 103.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 470.2 | 94.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 895.8 | 89.6 |

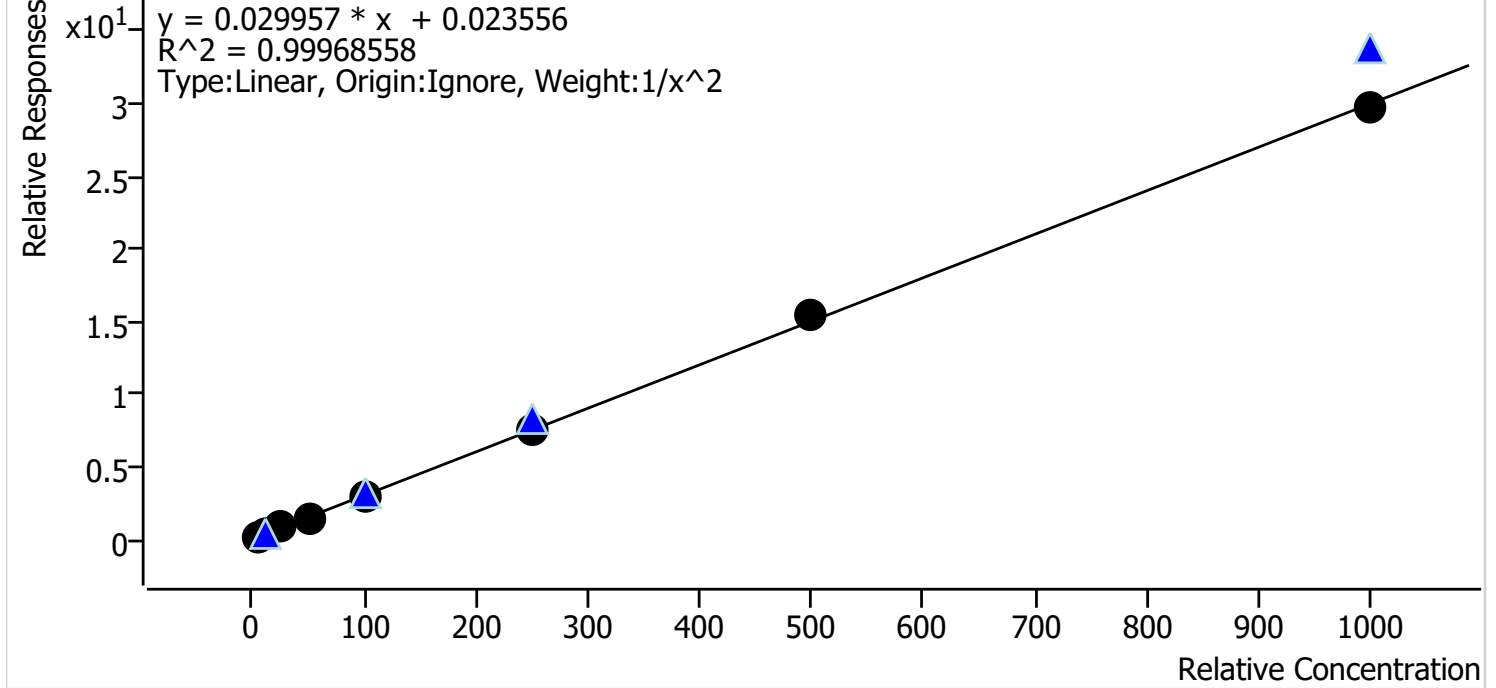
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



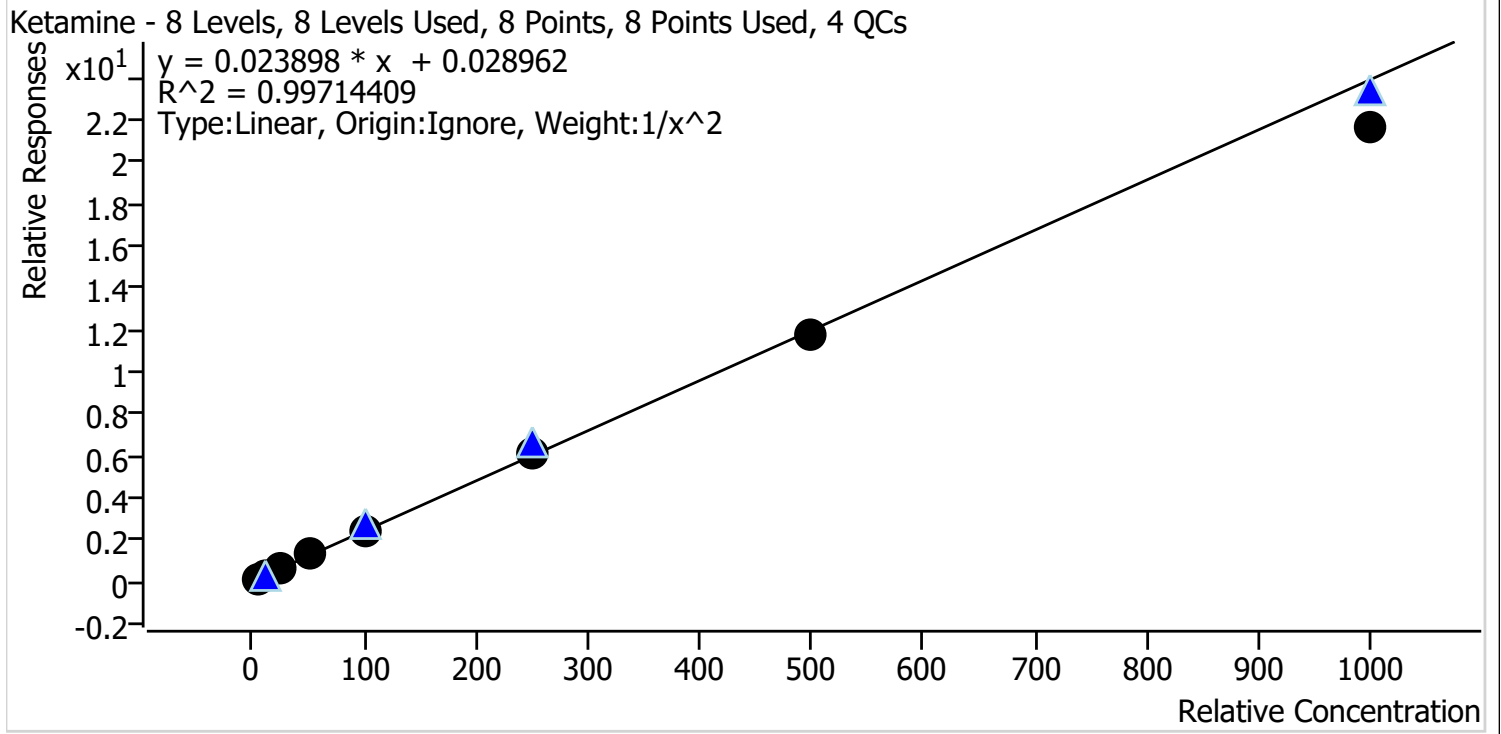
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 99.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.4 | 98.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.2 | 98.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.2 | 100.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 516.1 | 103.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 988.4 | 98.8 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



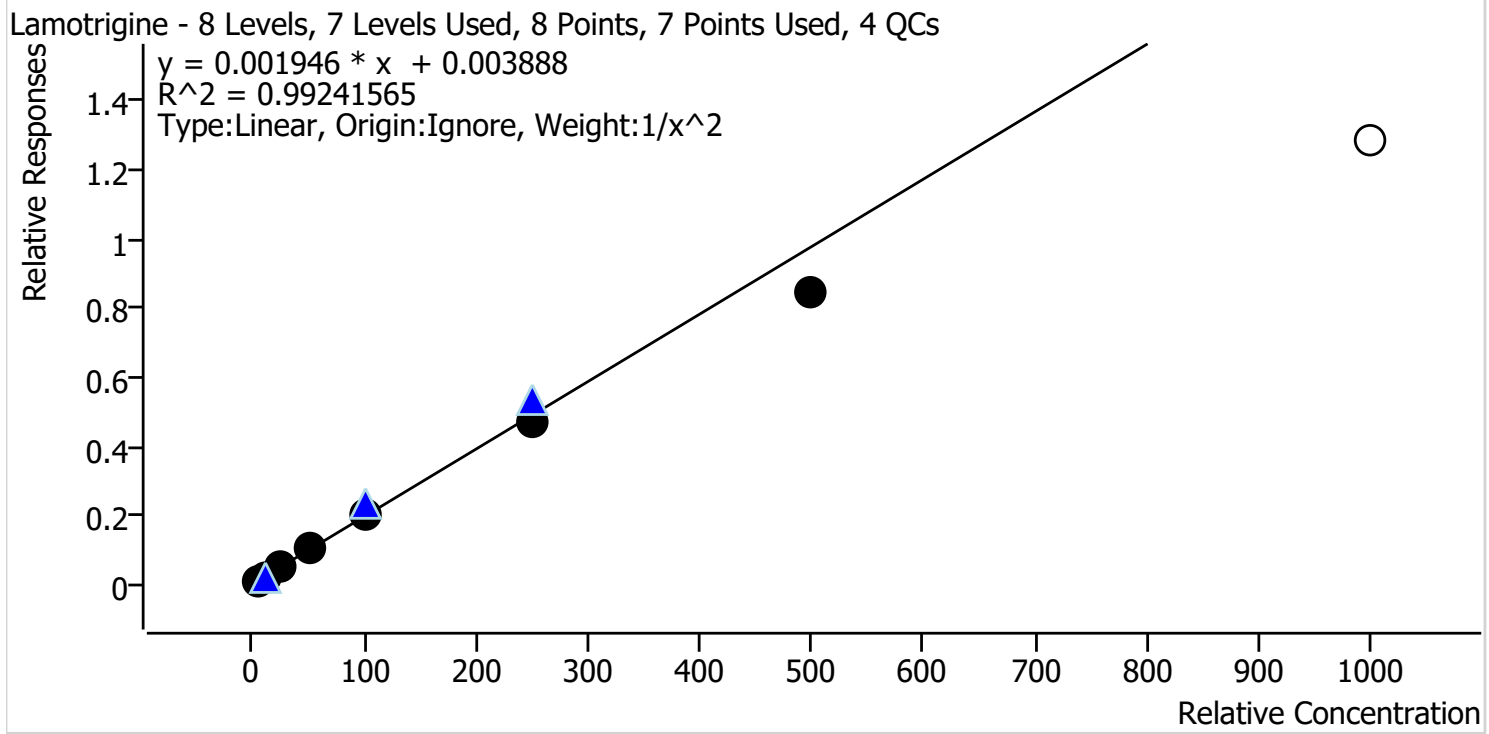
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.1 | 104.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.7 | 105.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.0 | 102.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.5 | 101.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 489.4 | 97.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 904.9 | 90.5 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



| 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 | 99.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.3 | 105.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.8 | 109.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.9 | 103.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 242.2 | 96.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 433.2 | 86.6 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 660.4 | 66.0 |

Cal 8 dropped due to accuracy

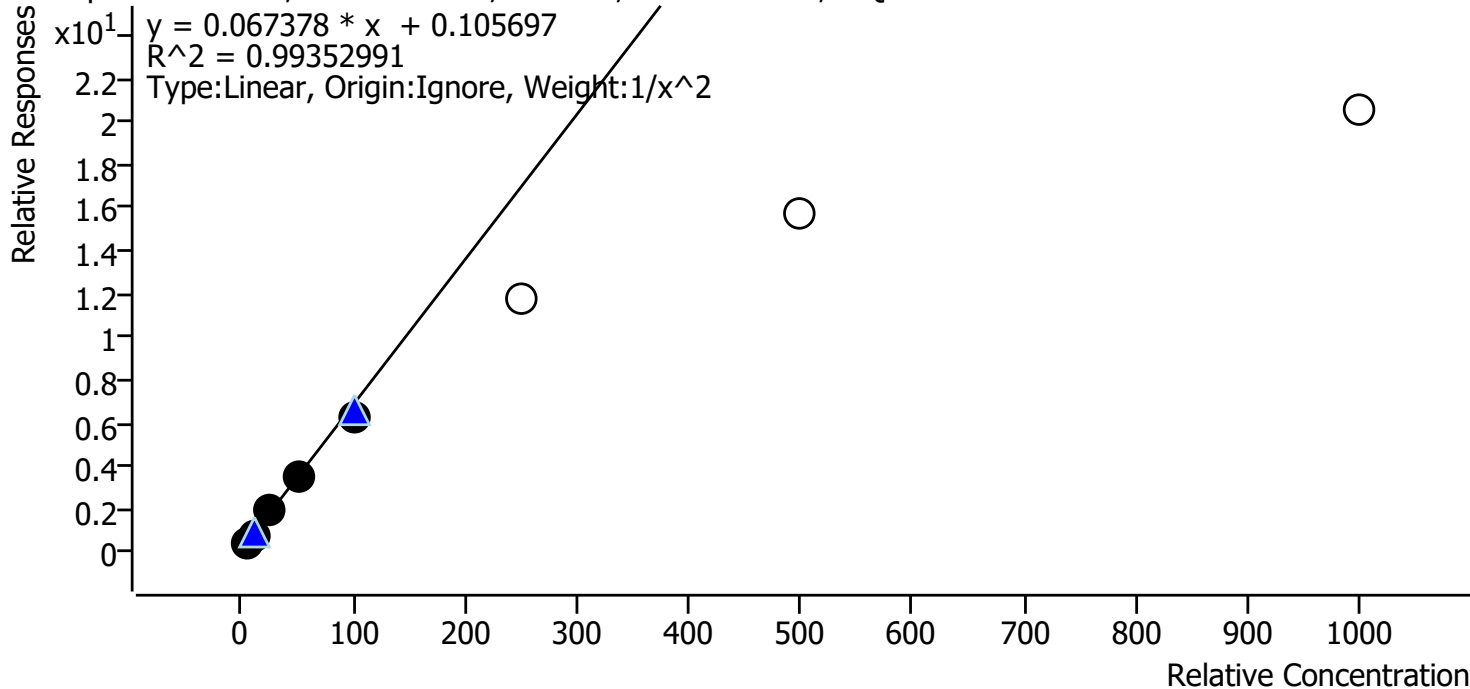
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

Lorazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 103.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.8 | 101.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 90.8 | 90.8 |
| p1 Cal 6-250ng | 6 | x | 250.0 | 174.1 | 69.7 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 233.1 | 46.6 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 303.1 | 30.3 |

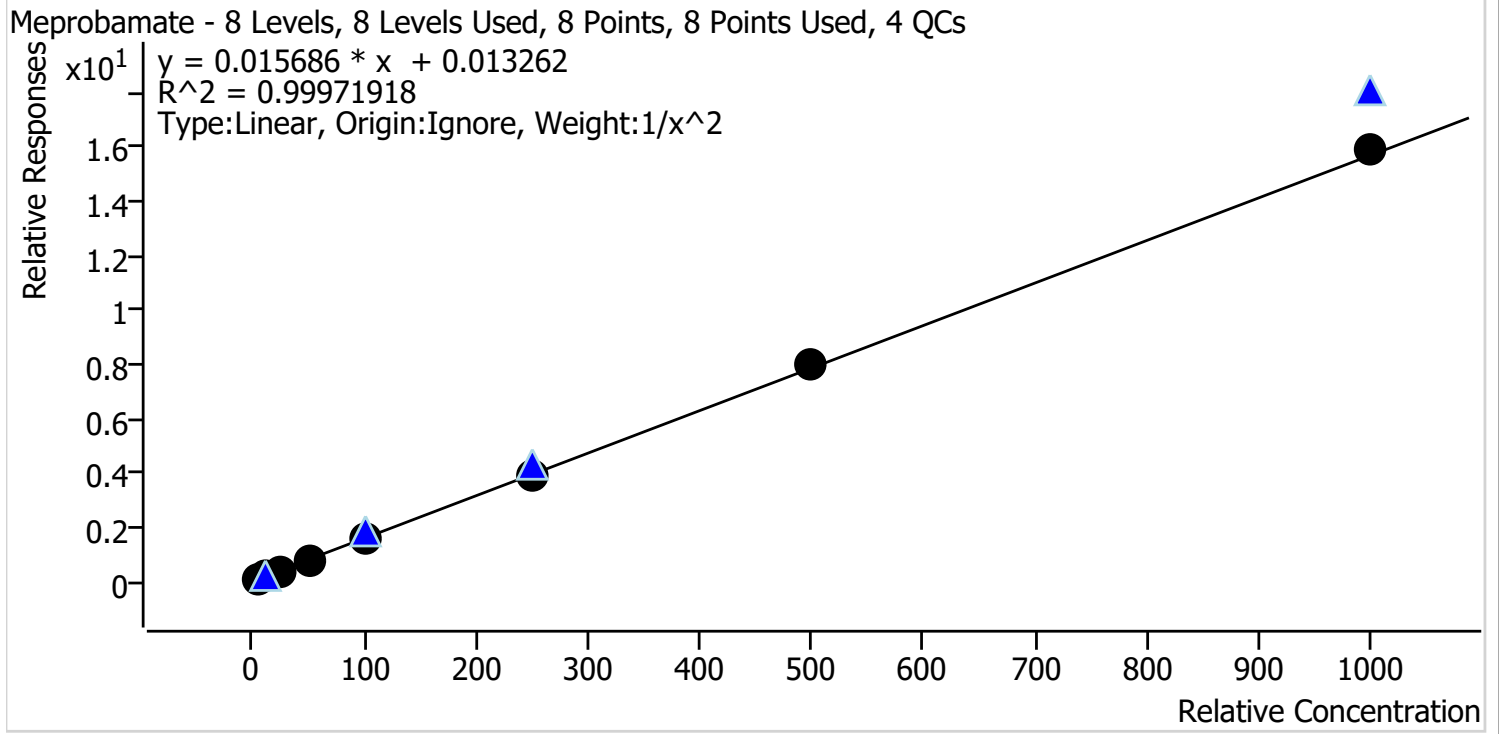
Cal 6-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 5.0 | 100.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 99.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.9 | 101.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.1 | 99.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 246.2 | 98.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 506.4 | 101.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1012.1 | 101.2 |

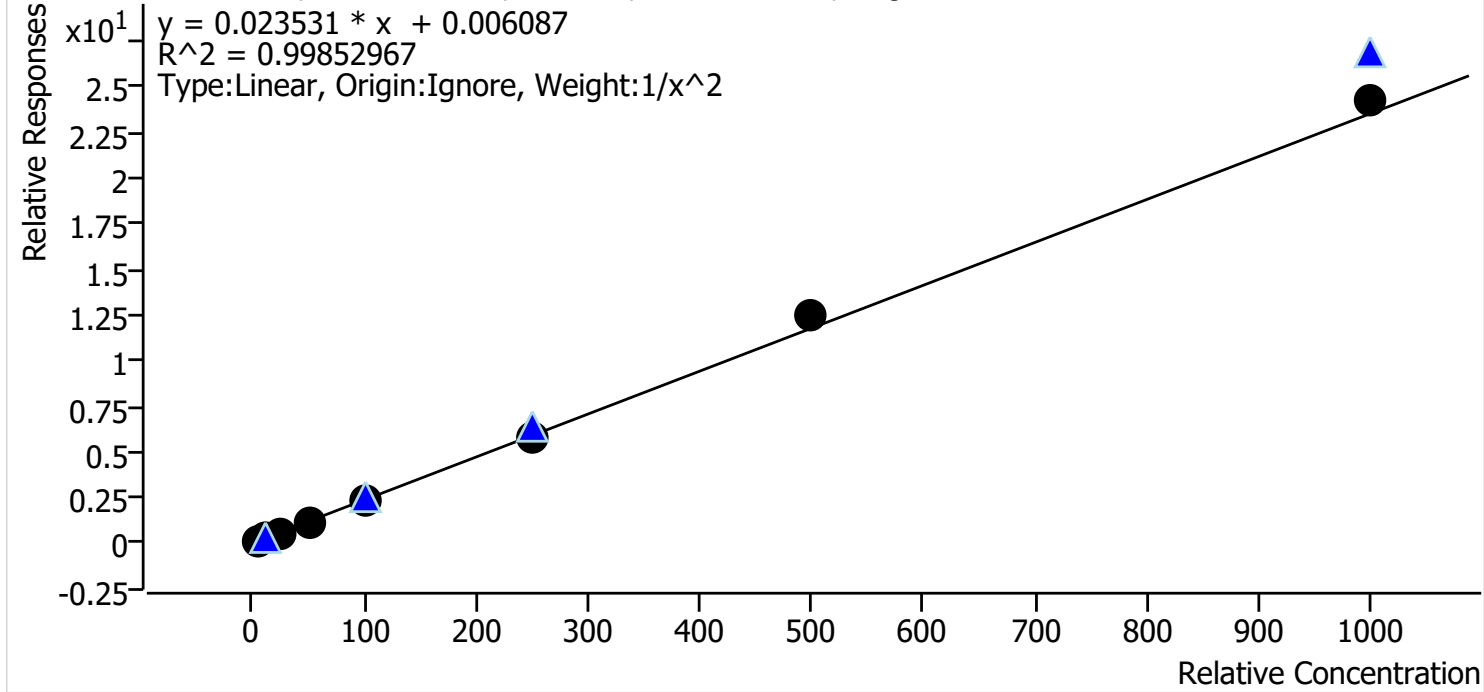
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

Methadone - 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 | 102.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.6 | 97.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.1 | 97.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.6 | 99.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 528.3 | 105.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1034.1 | 103.4 |

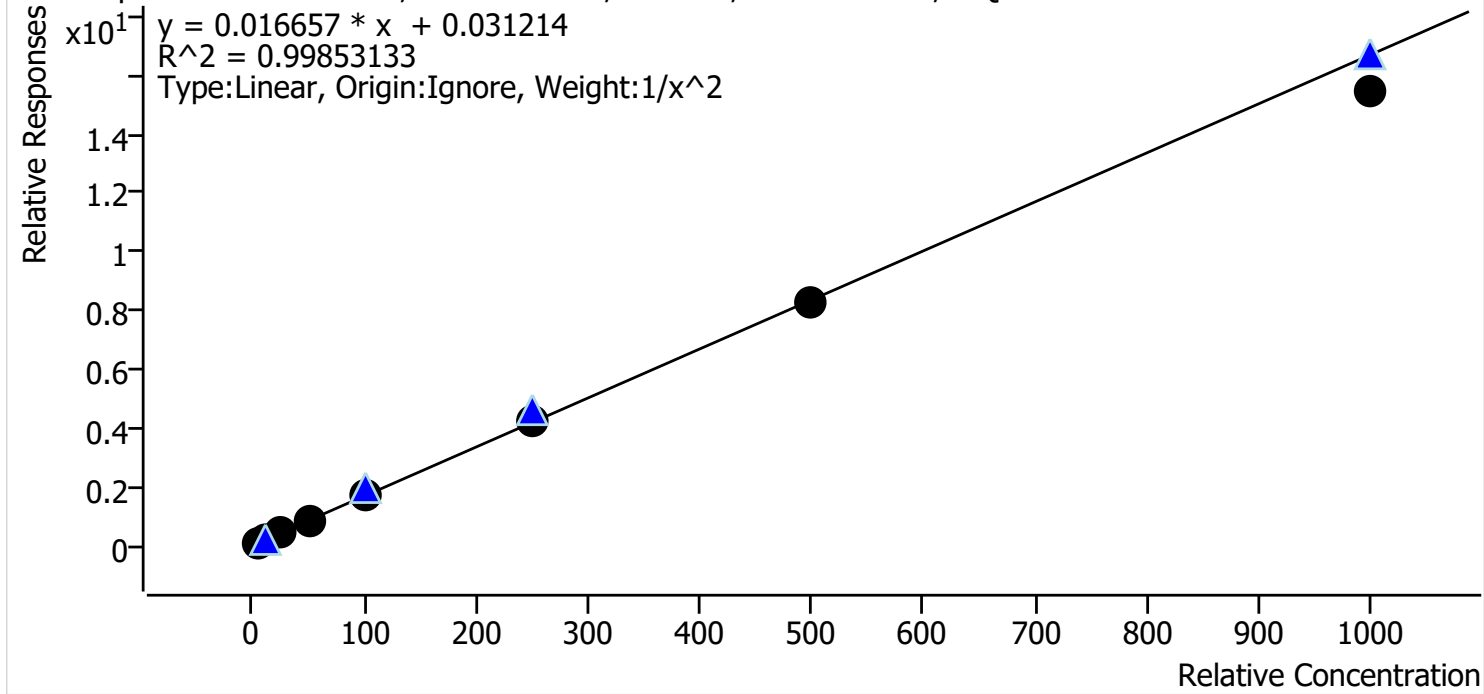
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

Methamphetamine - 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 | 5.0 | 99.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.5 | 103.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.3 | 103.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 498.3 | 99.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 926.3 | 92.6 |

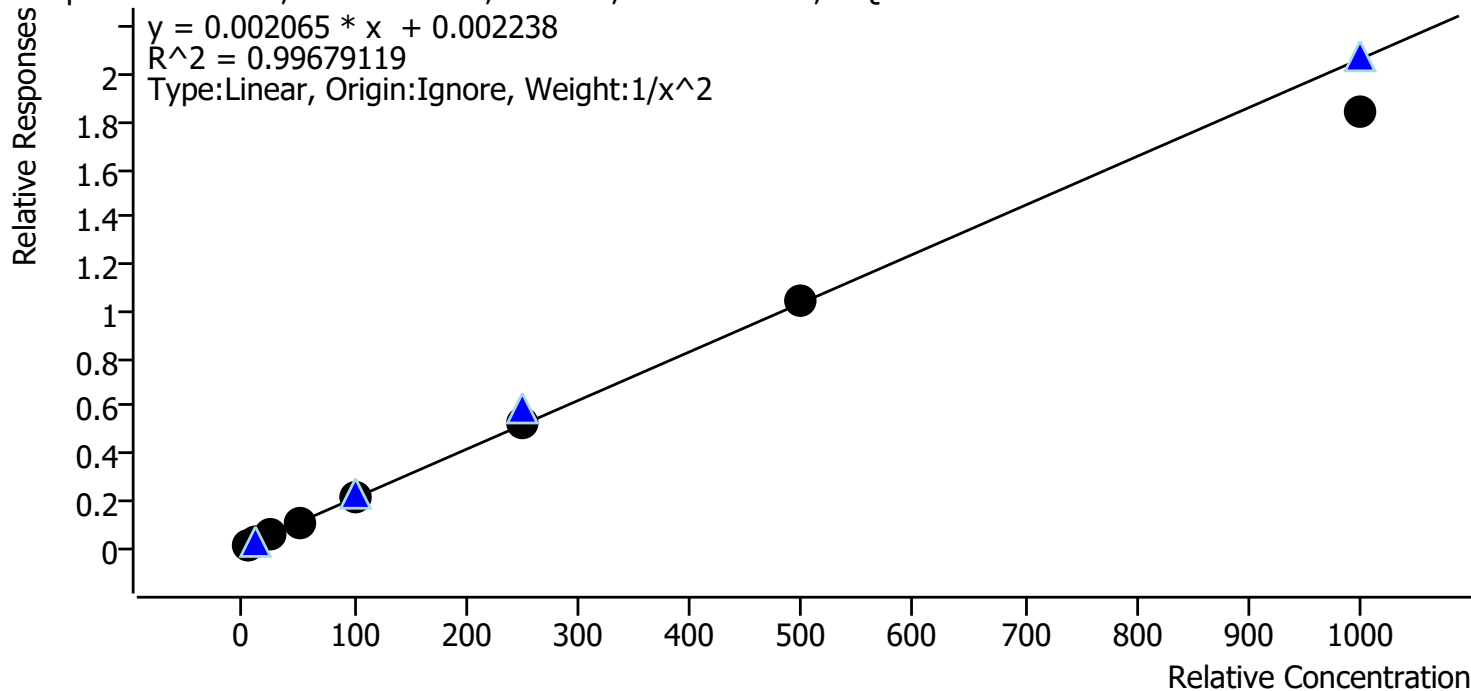
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 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 | 4.9 | 97.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 104.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 101.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.9 | 103.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.5 | 101.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 256.9 | 102.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 502.4 | 100.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 891.1 | 89.1 |

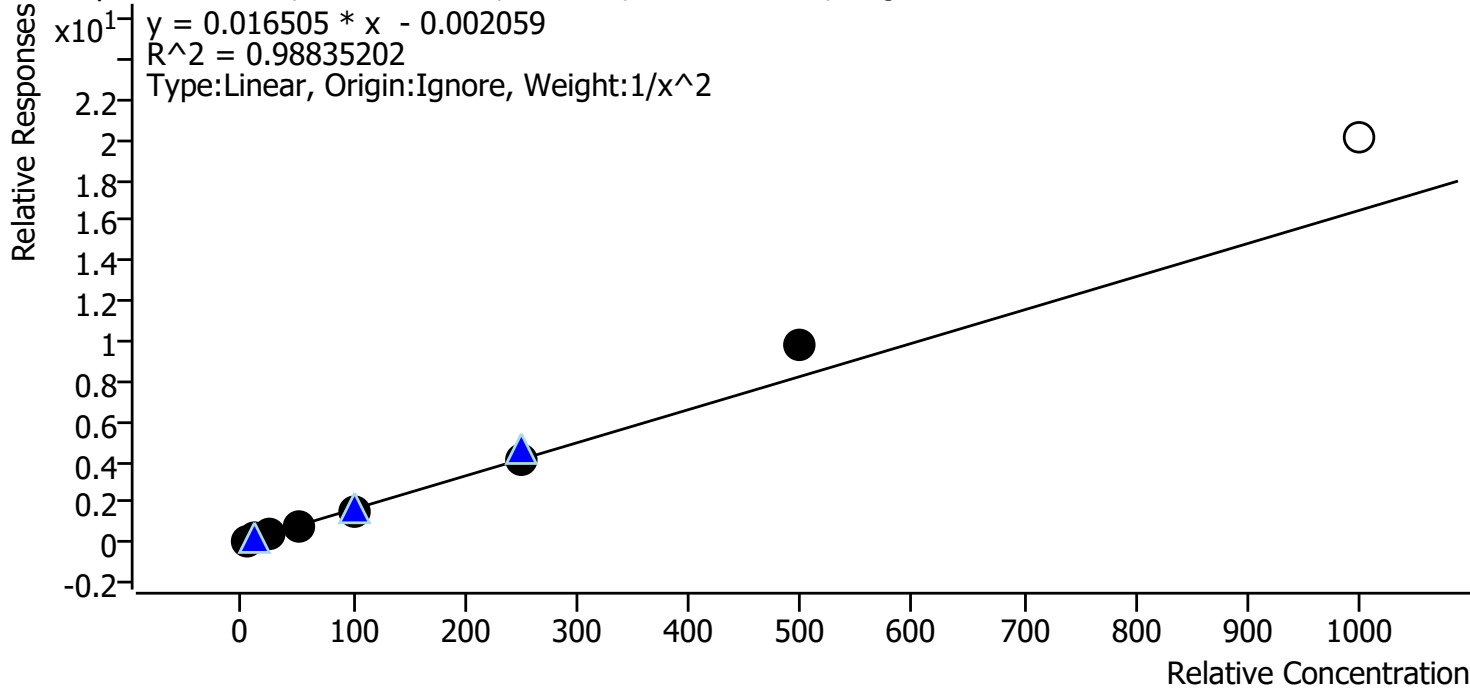
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

Mirtazapine - 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 | 5.2 | 103.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 22.9 | 91.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.3 | 94.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 93.2 | 93.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.5 | 101.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 590.7 | 118.1 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 1224.6 | 122.5 |

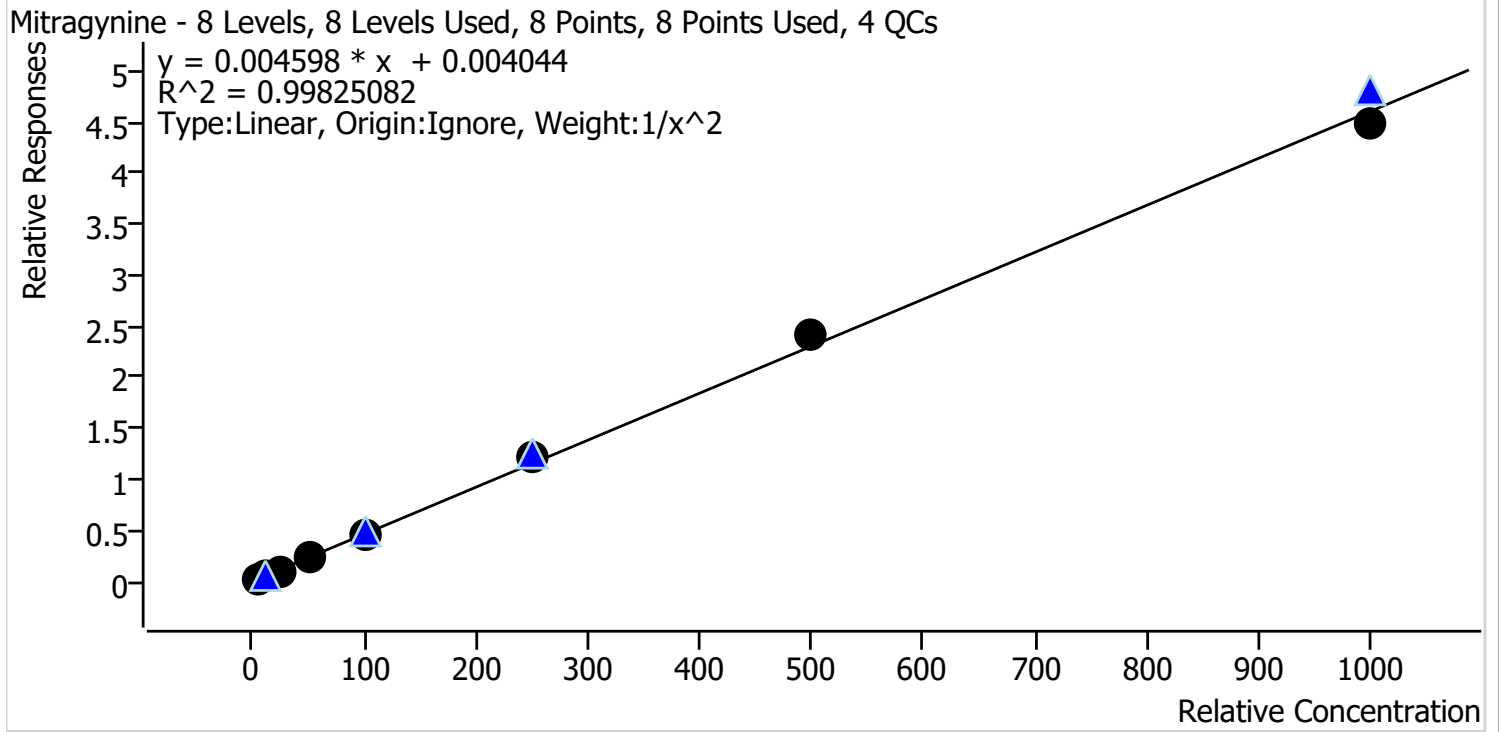
Cal 8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



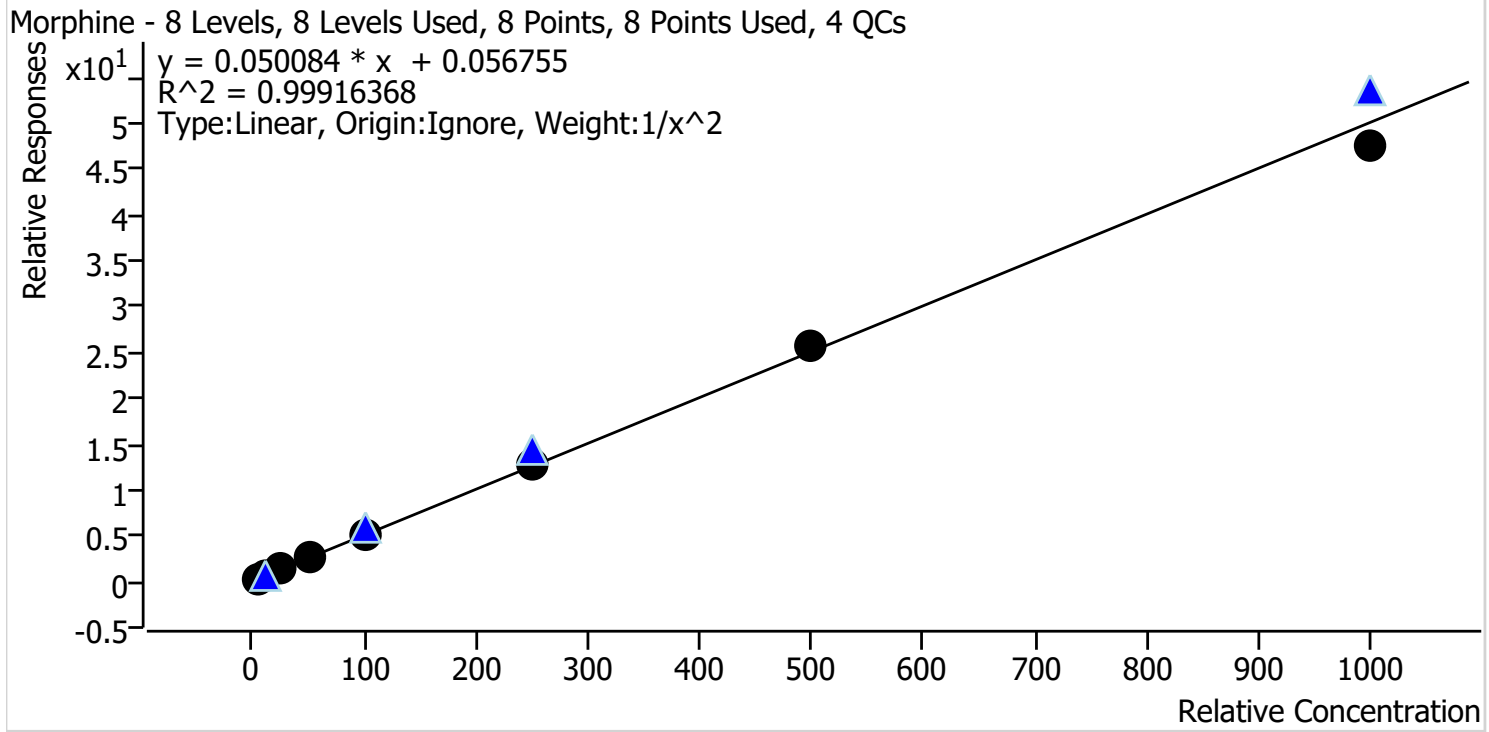
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.5 | 94.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.7 | 99.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 260.3 | 104.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 522.6 | 104.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 974.2 | 97.4 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



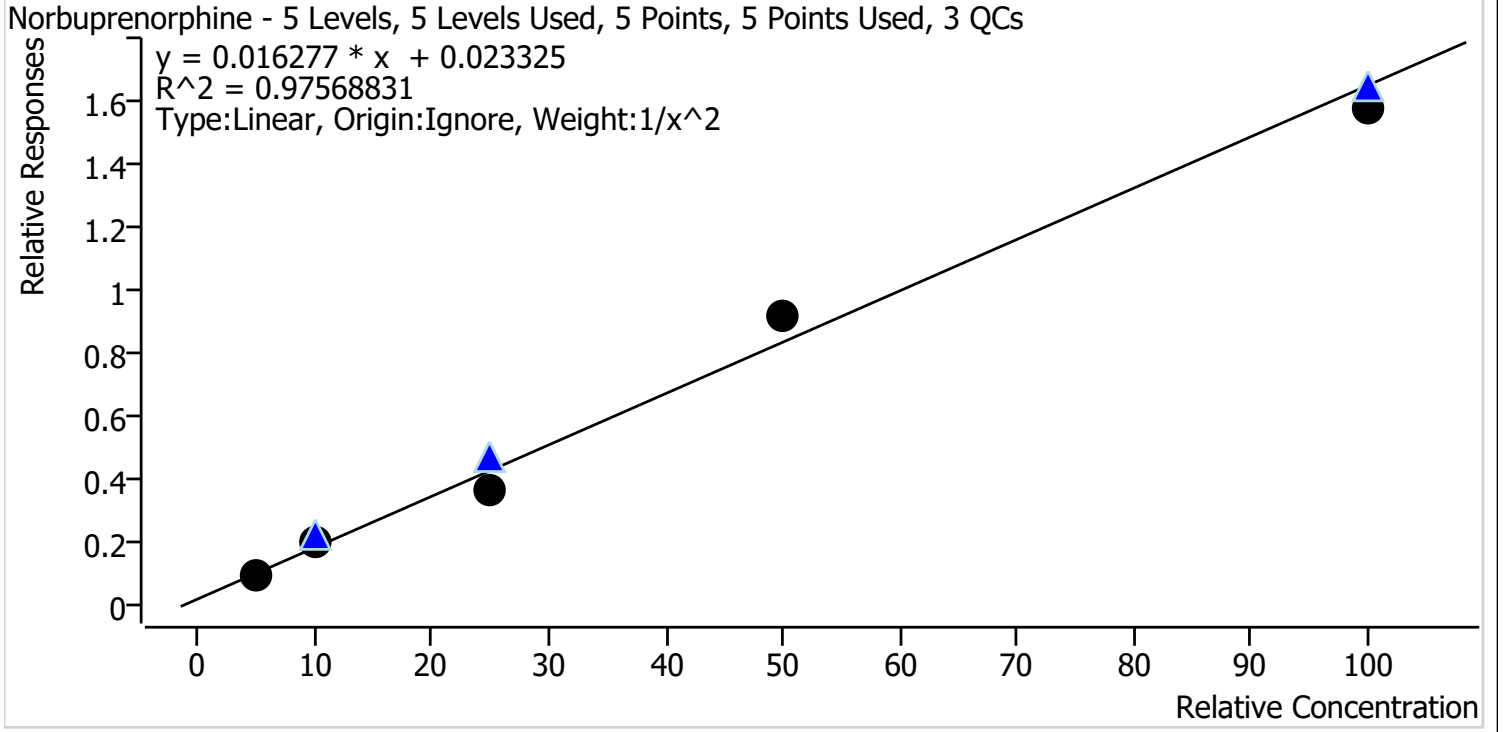
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 101.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.1 | 100.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.0 | 100.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.8 | 102.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 514.8 | 103.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 946.8 | 94.7 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.7 | 94.9 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 11.5 | 114.5 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 21.2 | 85.0 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 55.1 | 110.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 95.3 | 95.3 |

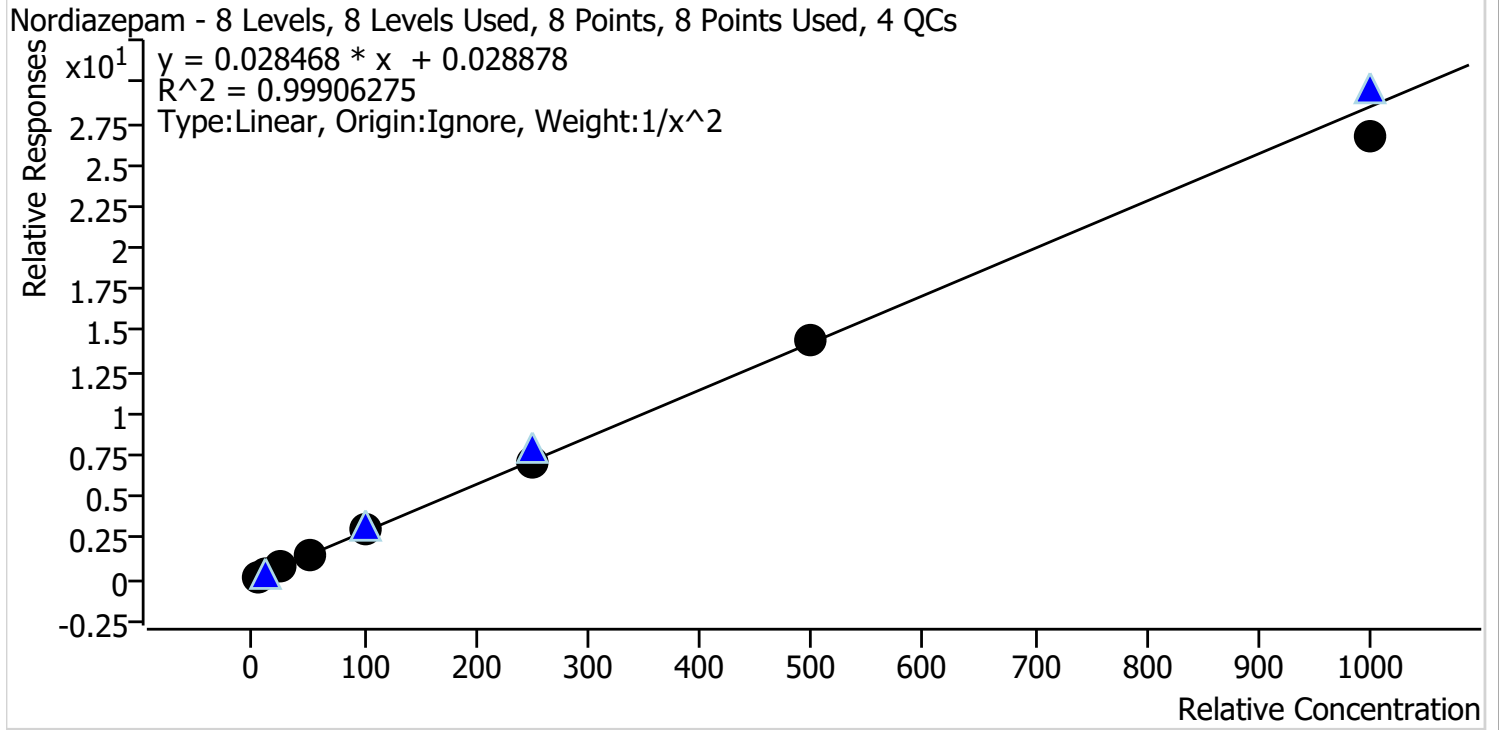
Compound not evaluated

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



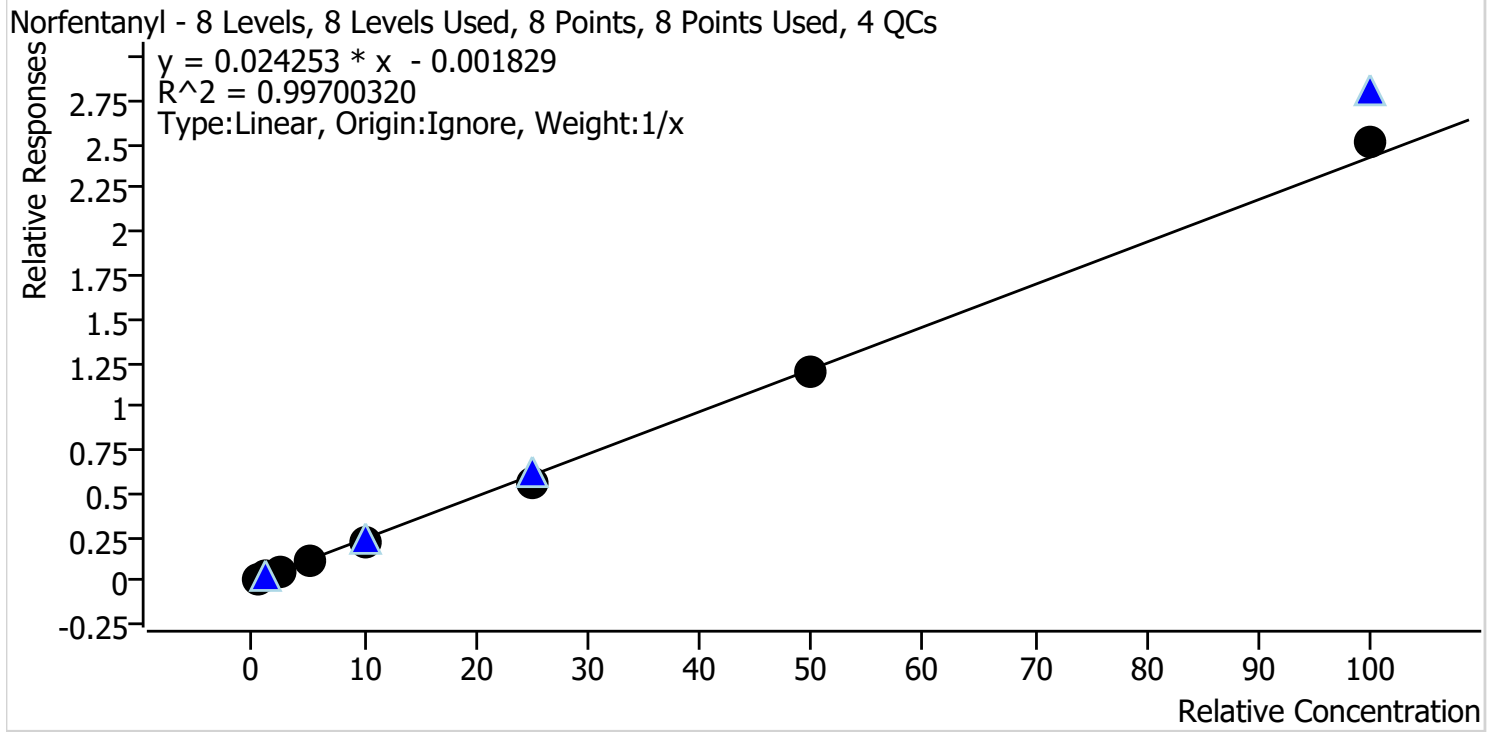
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.6 | 101.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.6 | 102.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.5 | 100.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 505.1 | 101.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 938.9 | 93.9 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



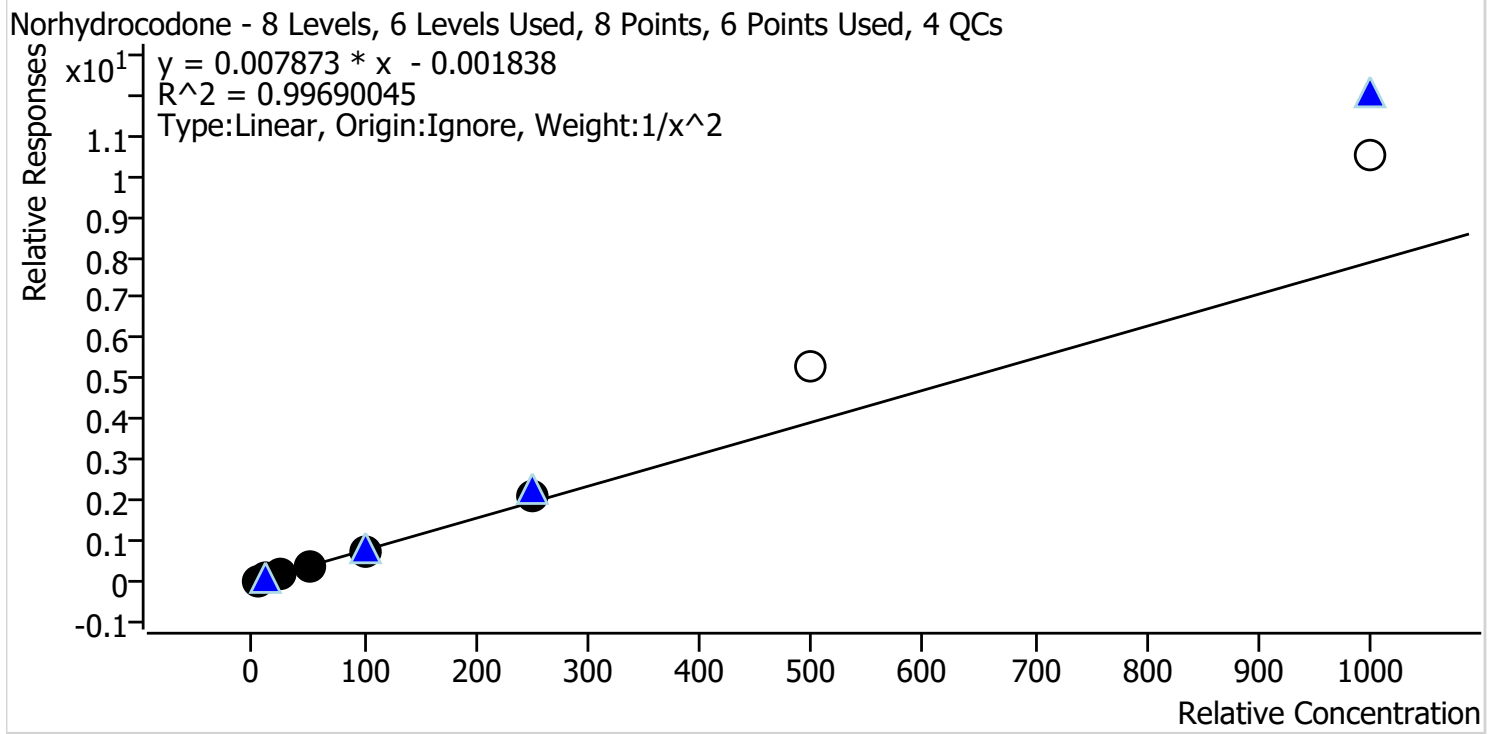
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.6 | 123.2 |
| p1 Cal 2-10ng | 2 | ✓ | 1.0 | 1.1 | 109.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.3 | 93.2 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.5 | 90.8 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 8.8 | 88.1 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 23.2 | 92.7 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 49.4 | 98.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 104.0 | 104.0 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 5.0 | 100.0 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.2 | 102.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.5 | 99.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.0 | 96.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 268.9 | 107.6 |
| p1 Cal 7-500ng | 7 | x | 500.0 | 678.5 | 135.7 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 1340.9 | 134.1 |

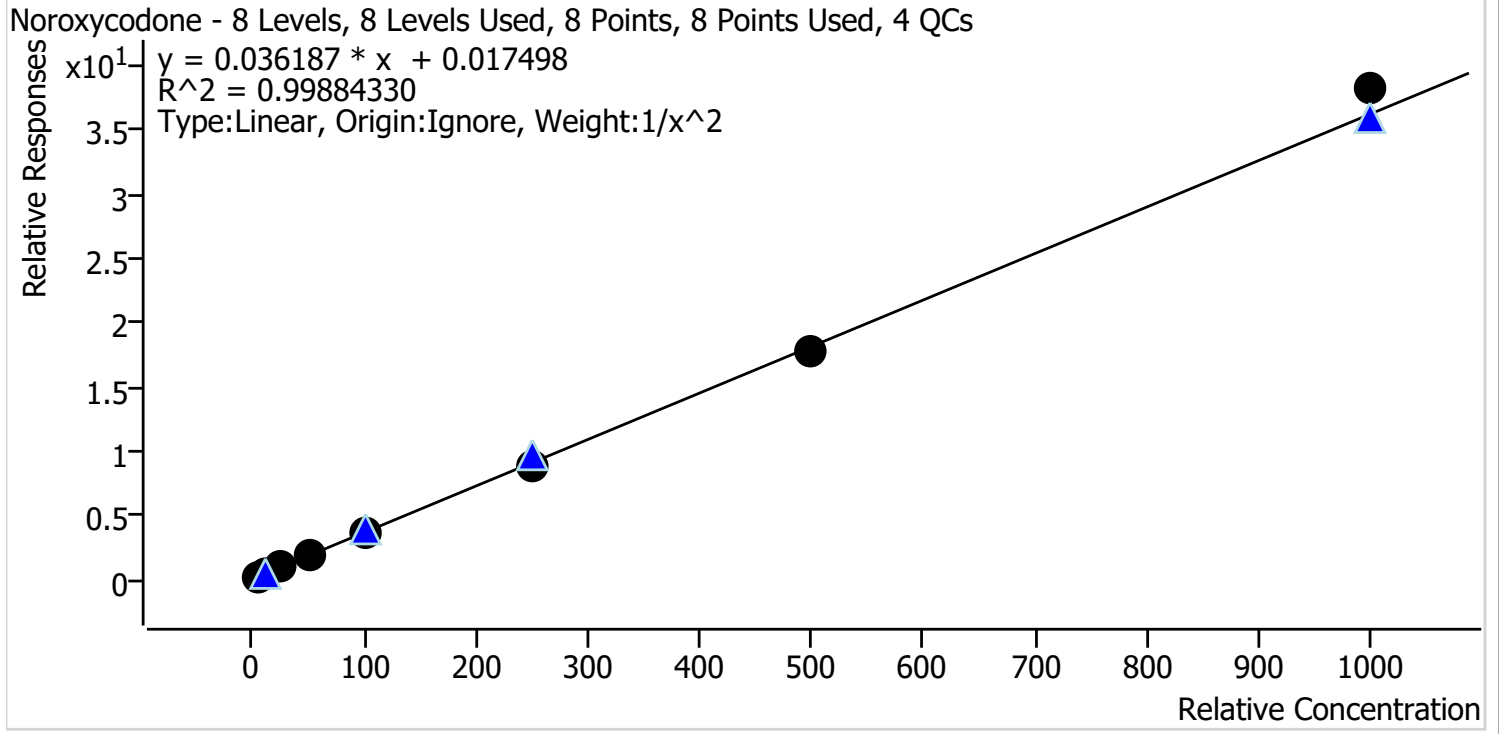
Cal 7-8 dropped due to accuracy

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.9 | 98.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 100.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.1 | 100.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.6 | 97.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.6 | 97.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 488.0 | 97.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1054.9 | 105.5 |

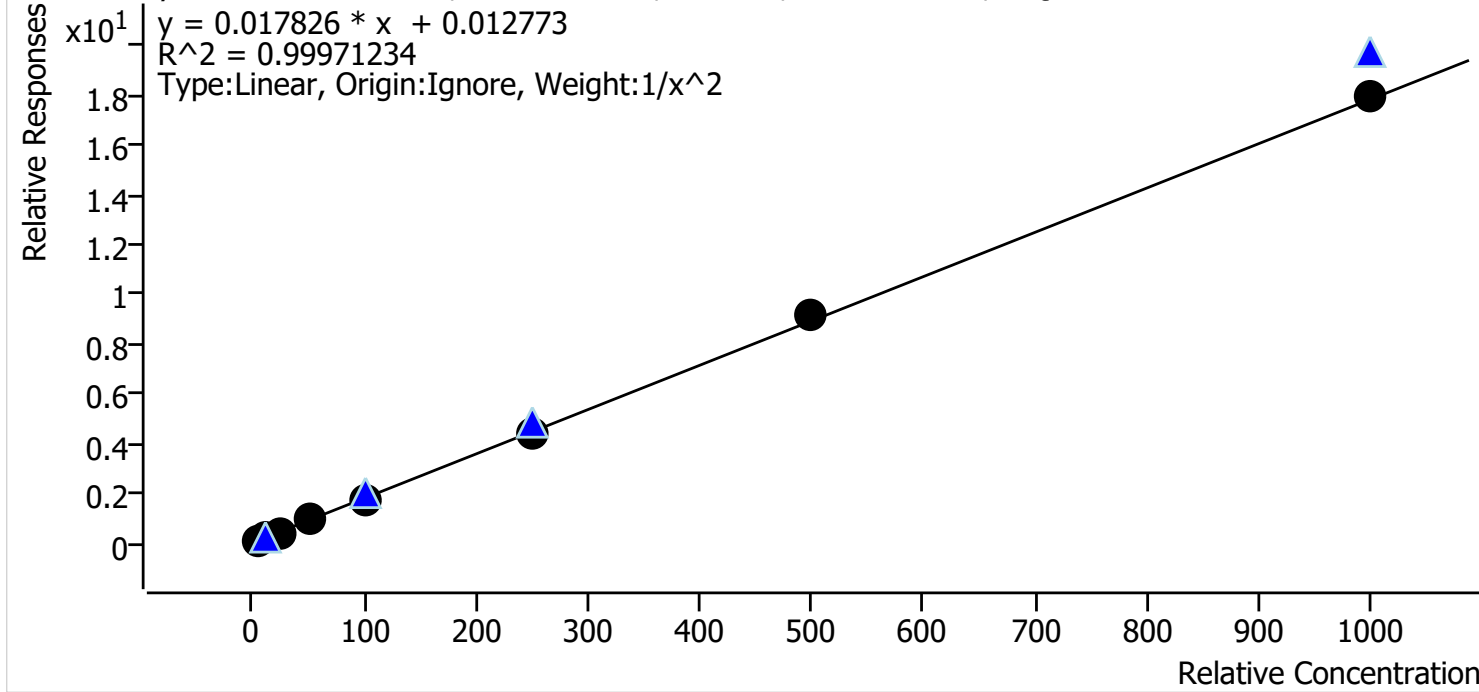
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



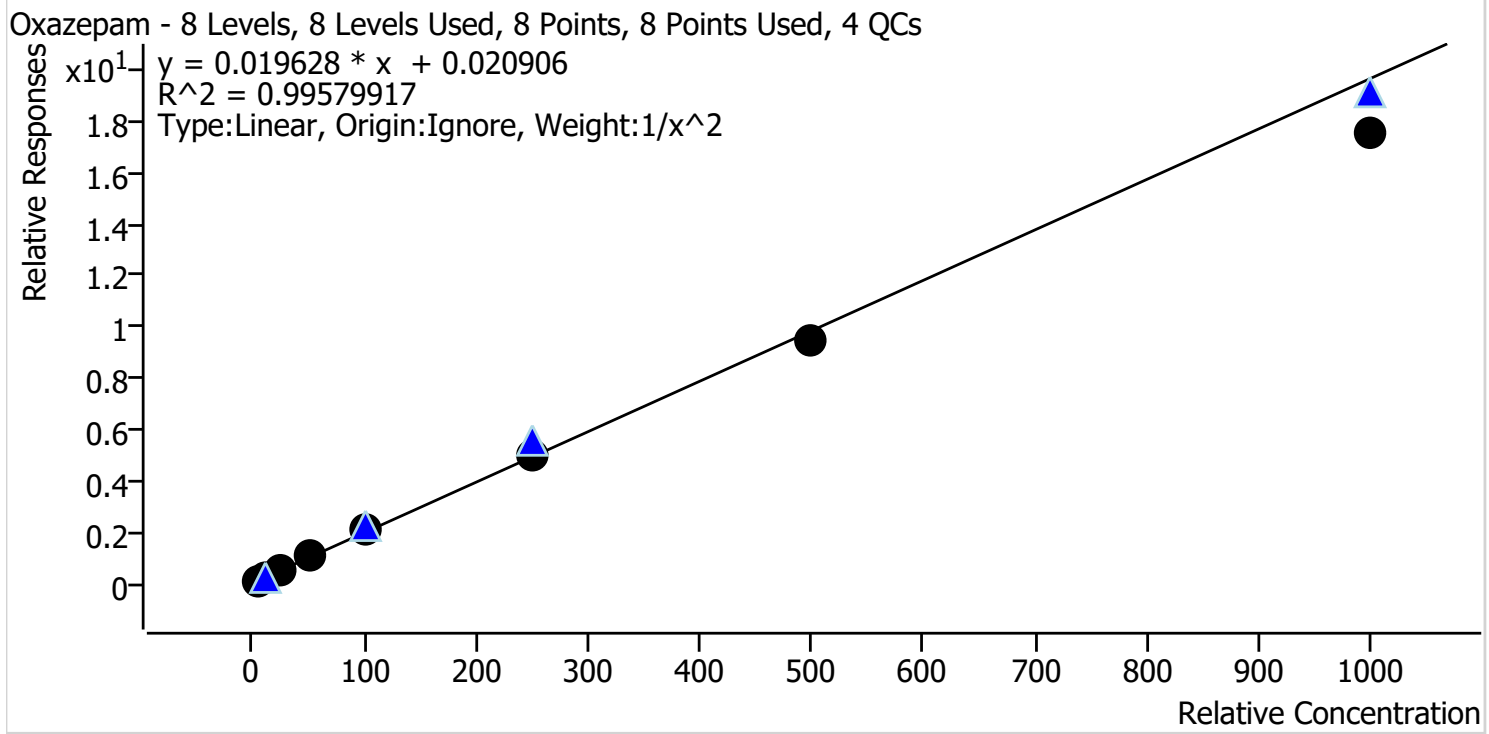
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 97.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.0 | 100.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.2 | 98.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.4 | 99.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 512.6 | 102.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1008.5 | 100.8 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.8 | 96.8 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 104.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.4 | 101.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.6 | 105.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.5 | 105.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.4 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 483.2 | 96.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 889.7 | 89.0 |

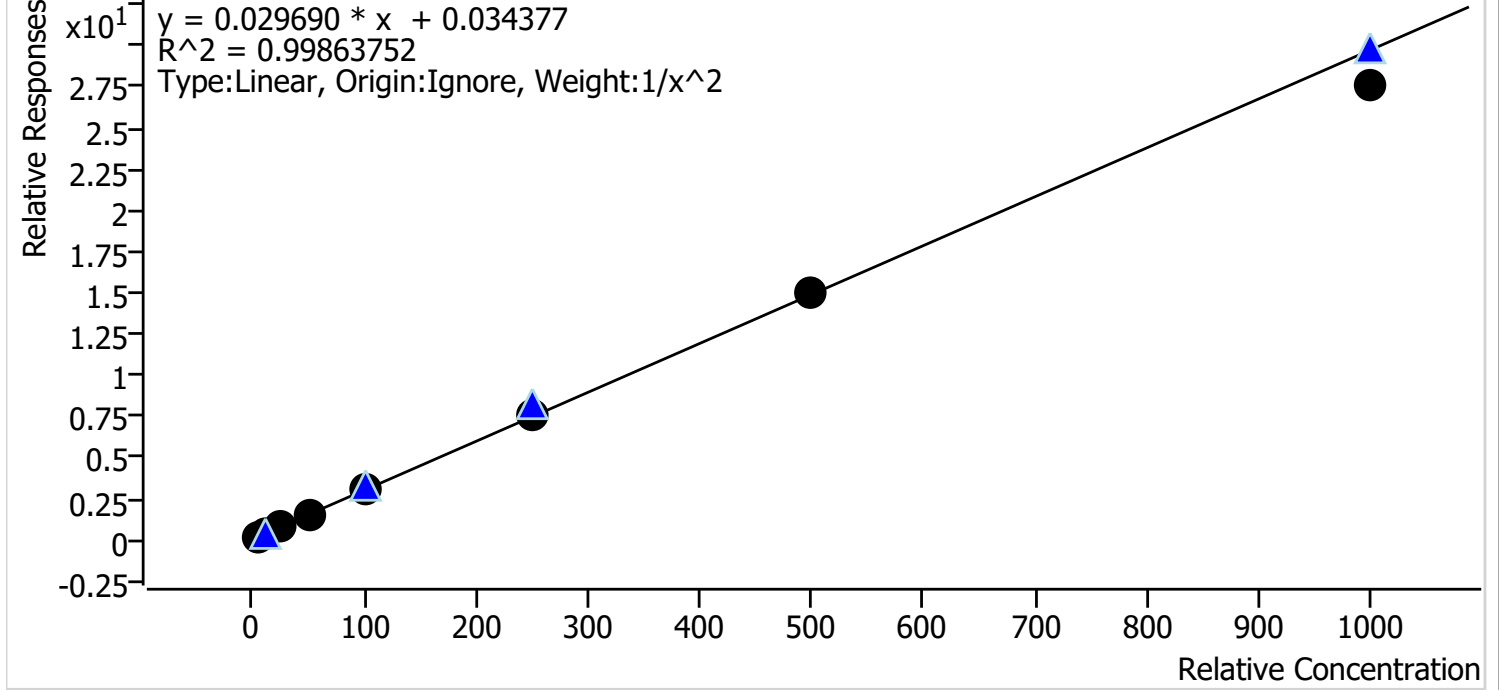
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



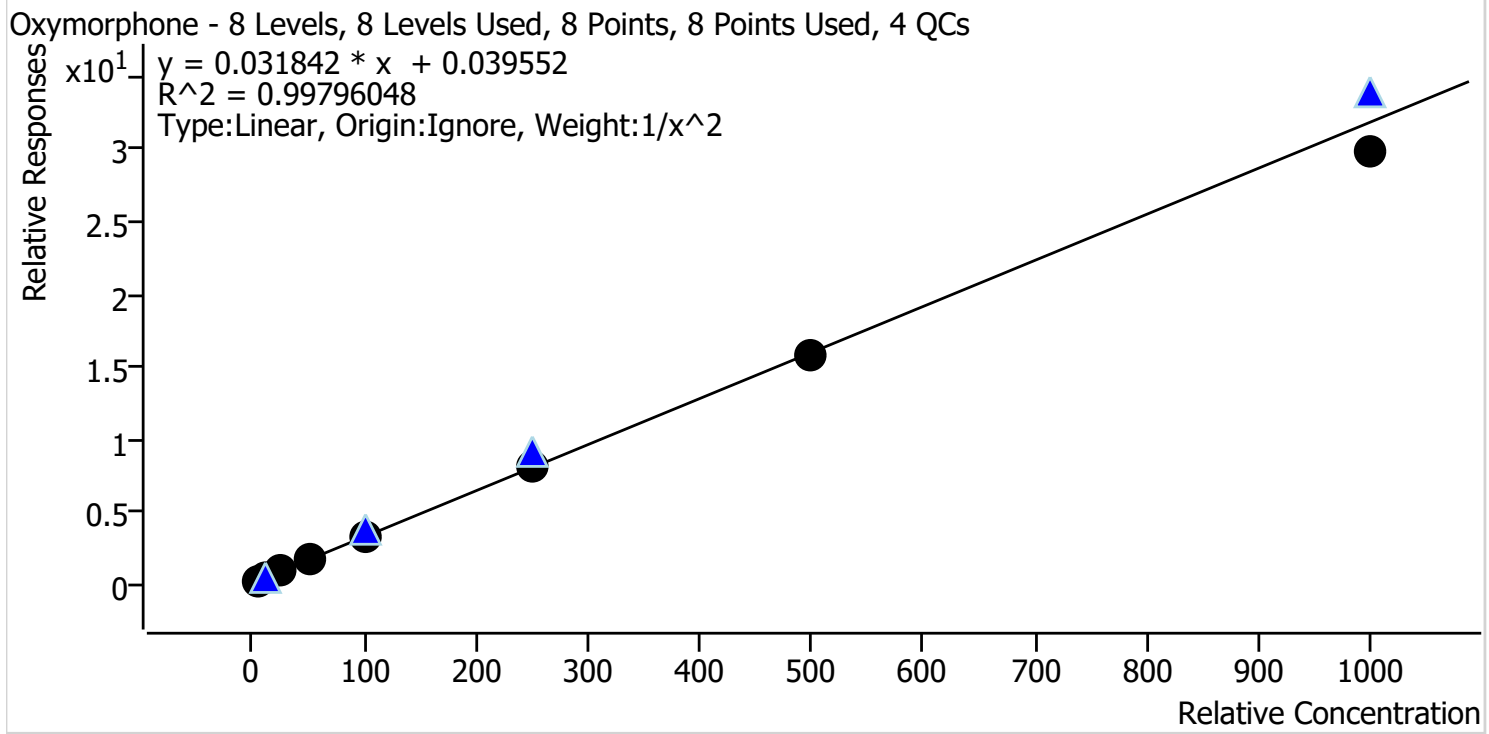
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 100.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.3 | 102.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.3 | 102.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 254.5 | 101.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 504.7 | 100.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 925.5 | 92.5 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 4.8 | 96.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.6 | 105.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.1 | 104.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.0 | 102.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.1 | 100.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.4 | 99.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 491.1 | 98.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 938.9 | 93.9 |

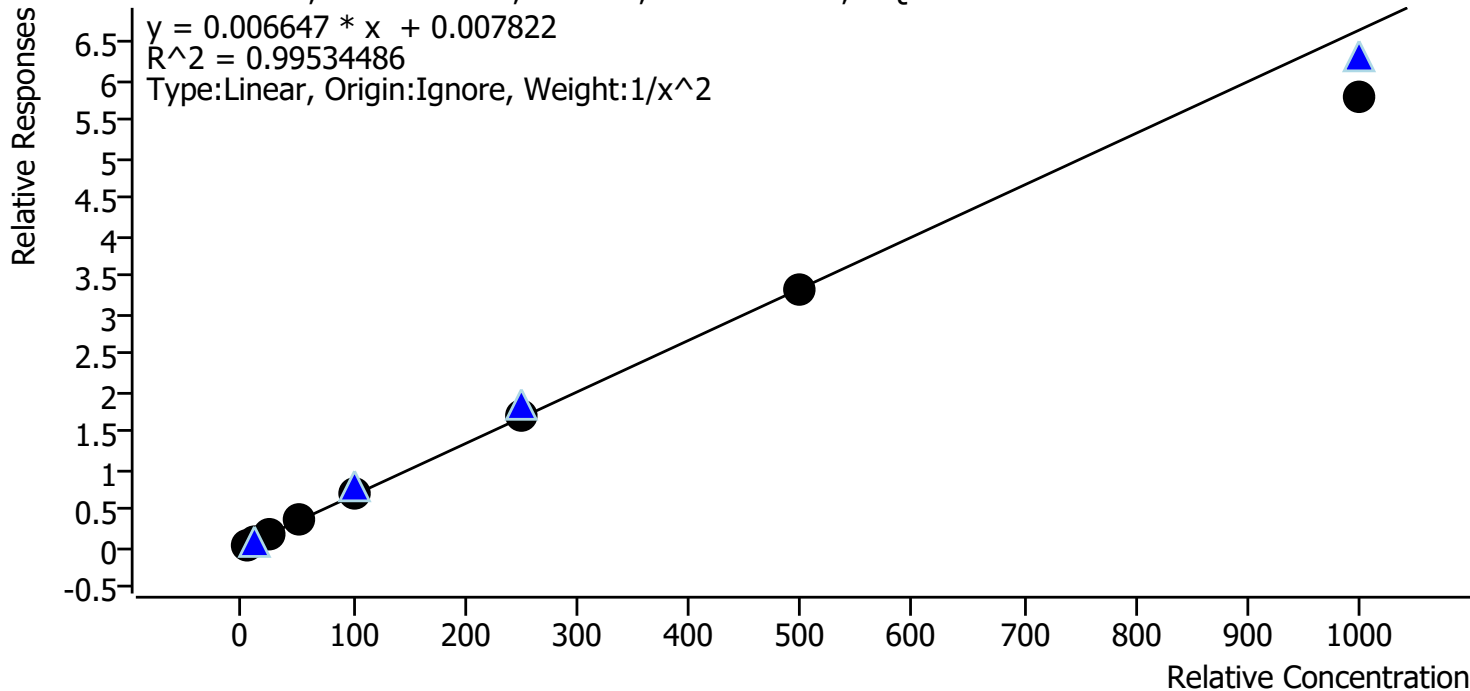
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

Phentermine - 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 | 96.9 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 103.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.6 | 102.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.7 | 105.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.0 | 104.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.3 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 497.6 | 99.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 869.5 | 86.9 |

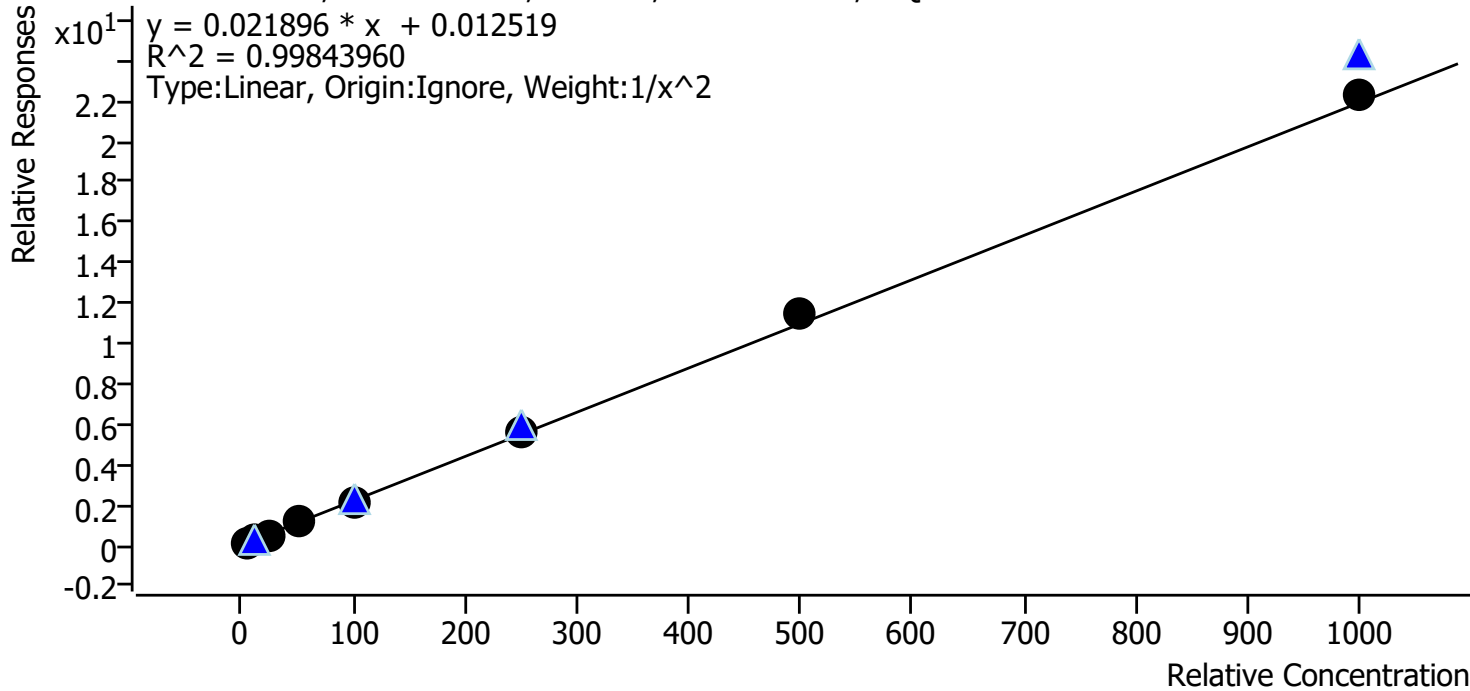
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



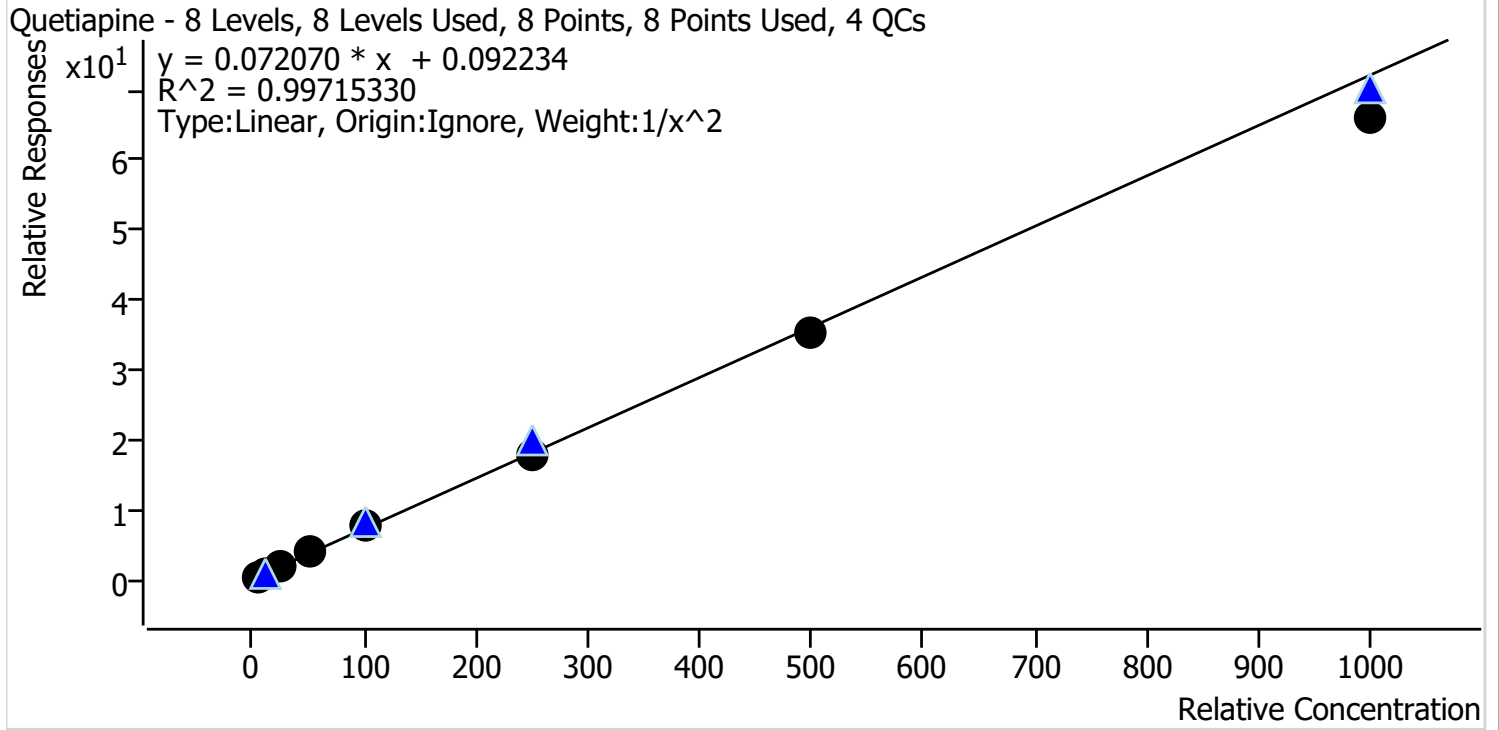
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.7 | 97.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.4 | 93.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.8 | 101.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.4 | 98.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.4 | 100.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 522.3 | 104.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1016.6 | 101.7 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



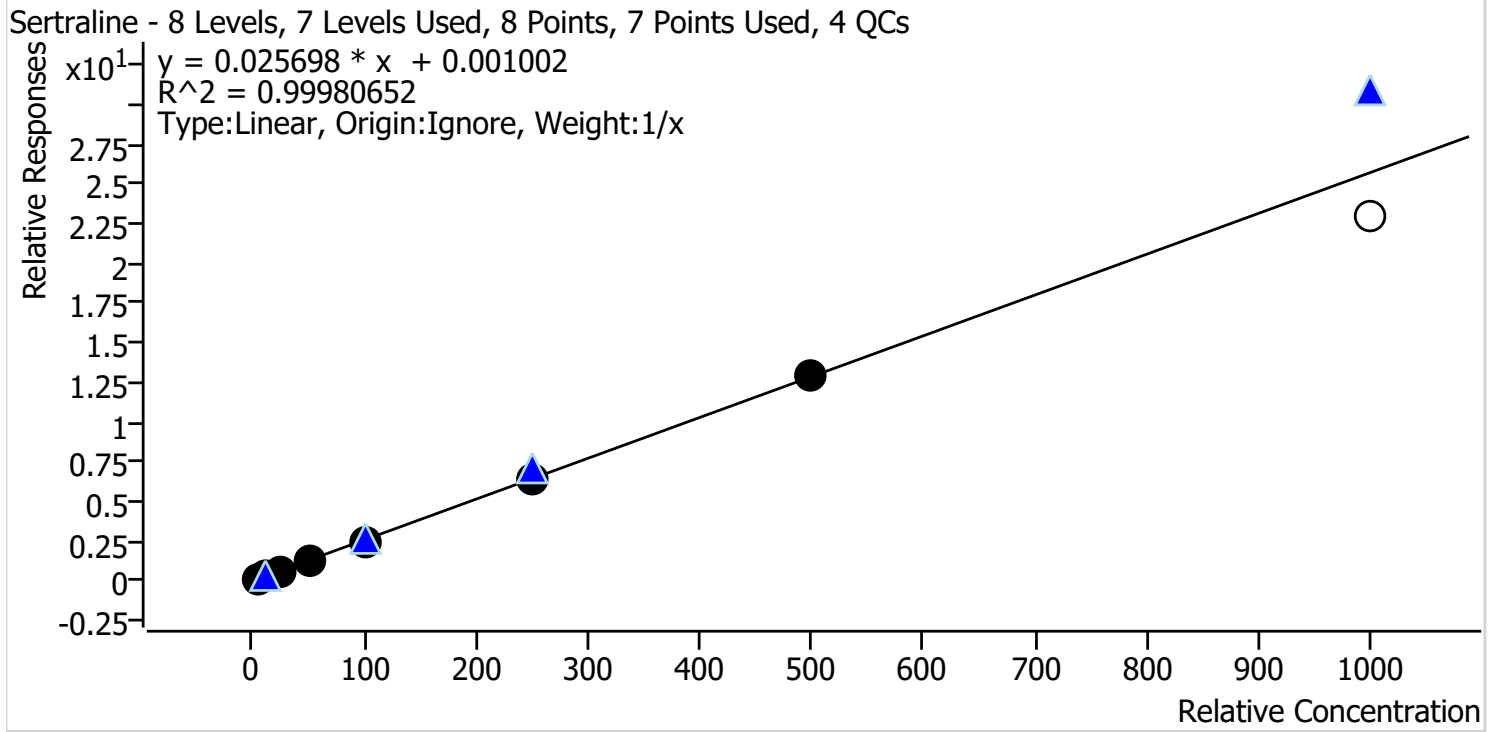
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 103.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.6 | 102.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.0 | 104.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.3 | 105.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.0 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 485.8 | 97.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 915.8 | 91.6 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 5.2 | 104.5 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.5 | 93.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.6 | 101.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.3 | 100.1 |
| p1 Cal 8-1000ng | 8 | ✗ | 1000.0 | 896.1 | 89.6 |

Cal 8 dropped due to QC 1000 accuracy out

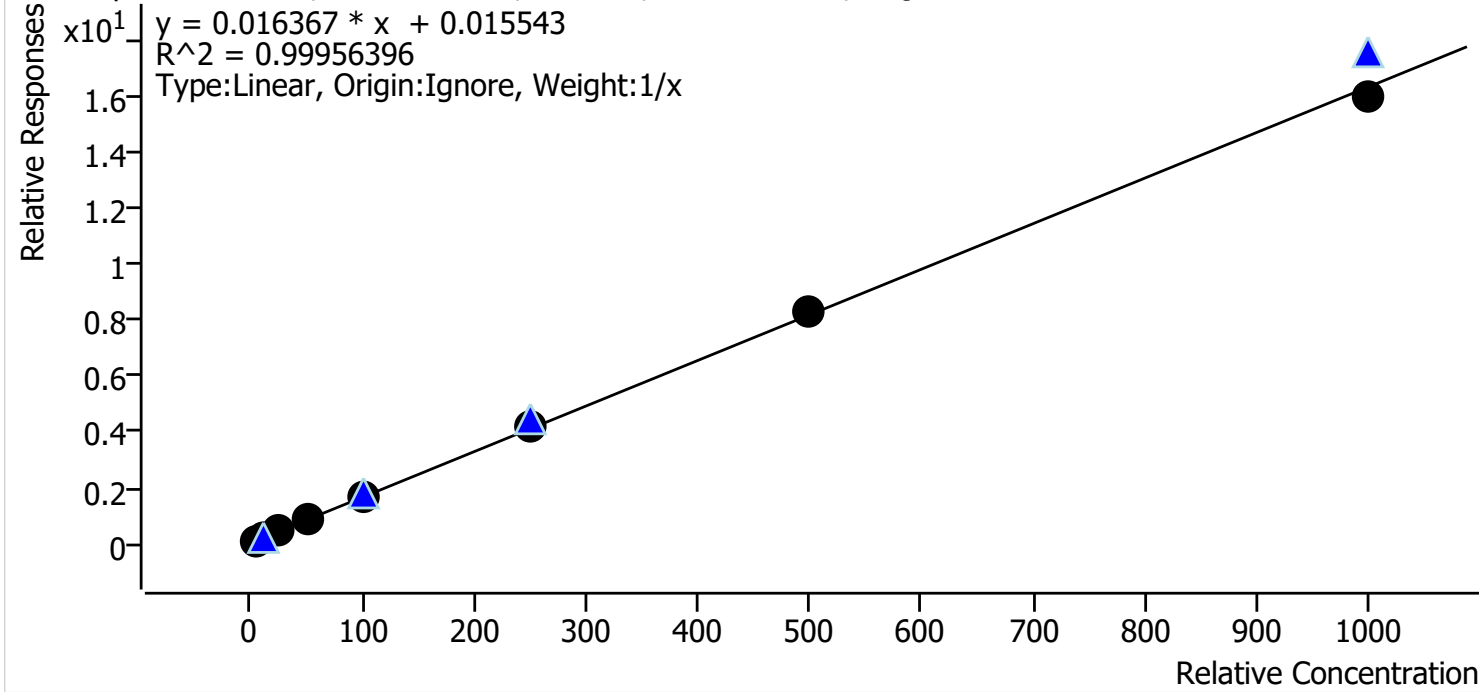
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



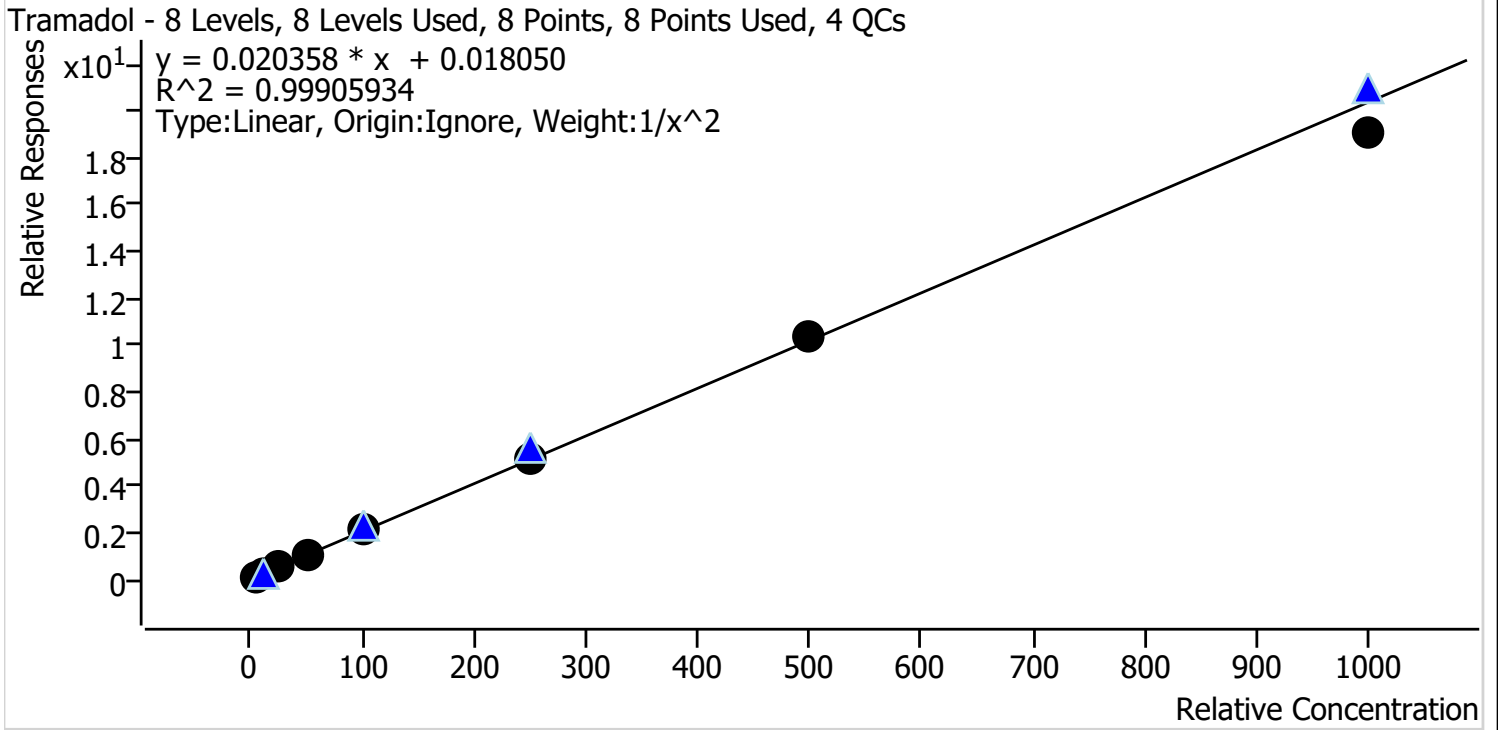
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.6 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 9.8 | 98.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.7 | 101.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.1 | 101.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.3 | 103.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 508.4 | 101.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 982.0 | 98.2 |

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 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 | 99.4 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.1 | 100.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.5 | 101.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.3 | 101.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.8 | 102.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 508.2 | 101.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 938.9 | 93.9 |

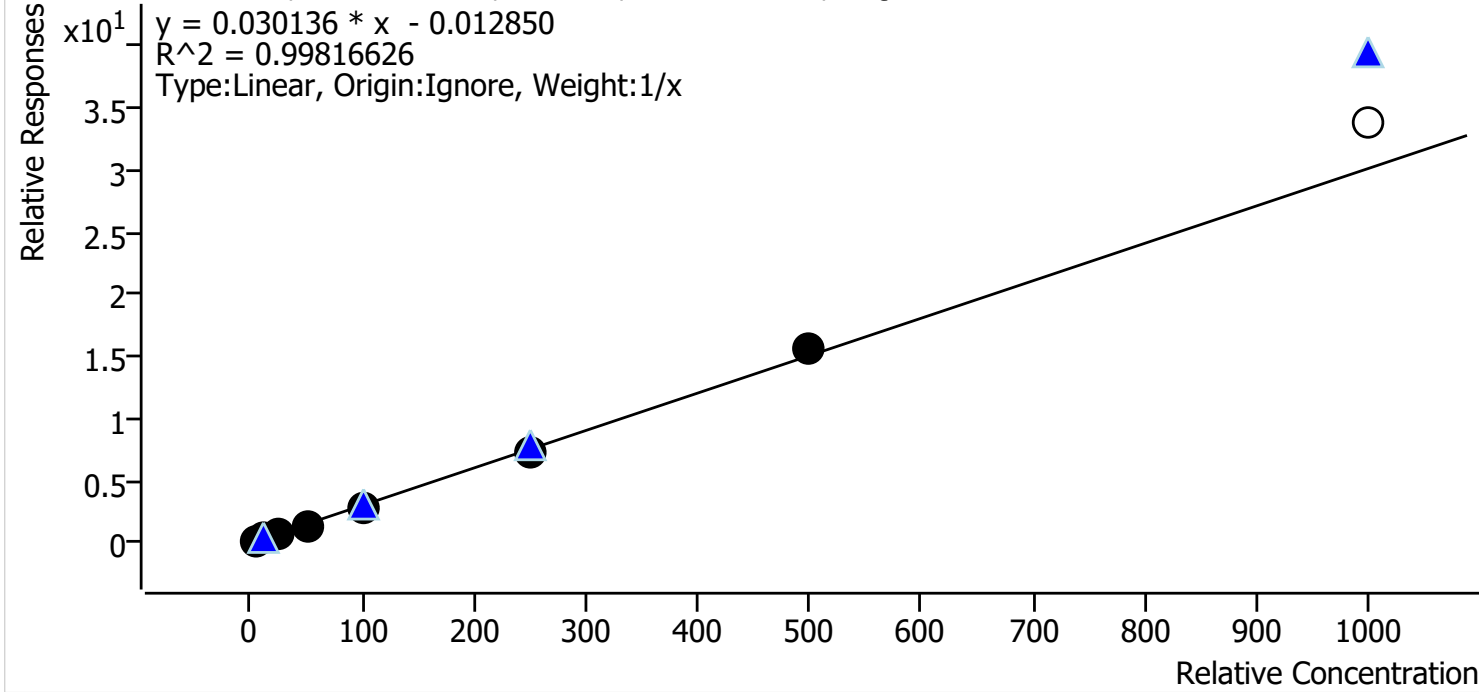
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

Trazodone - 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 | 5.7 | 114.2 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.4 | 104.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.3 | 93.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.1 | 94.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 93.0 | 93.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 244.9 | 97.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.6 | 103.1 |
| p1 Cal 8-1000ng | 8 | x | 1000.0 | 1122.0 | 112.2 |

Cal 8 dropped due to QC 1000 accuracy out

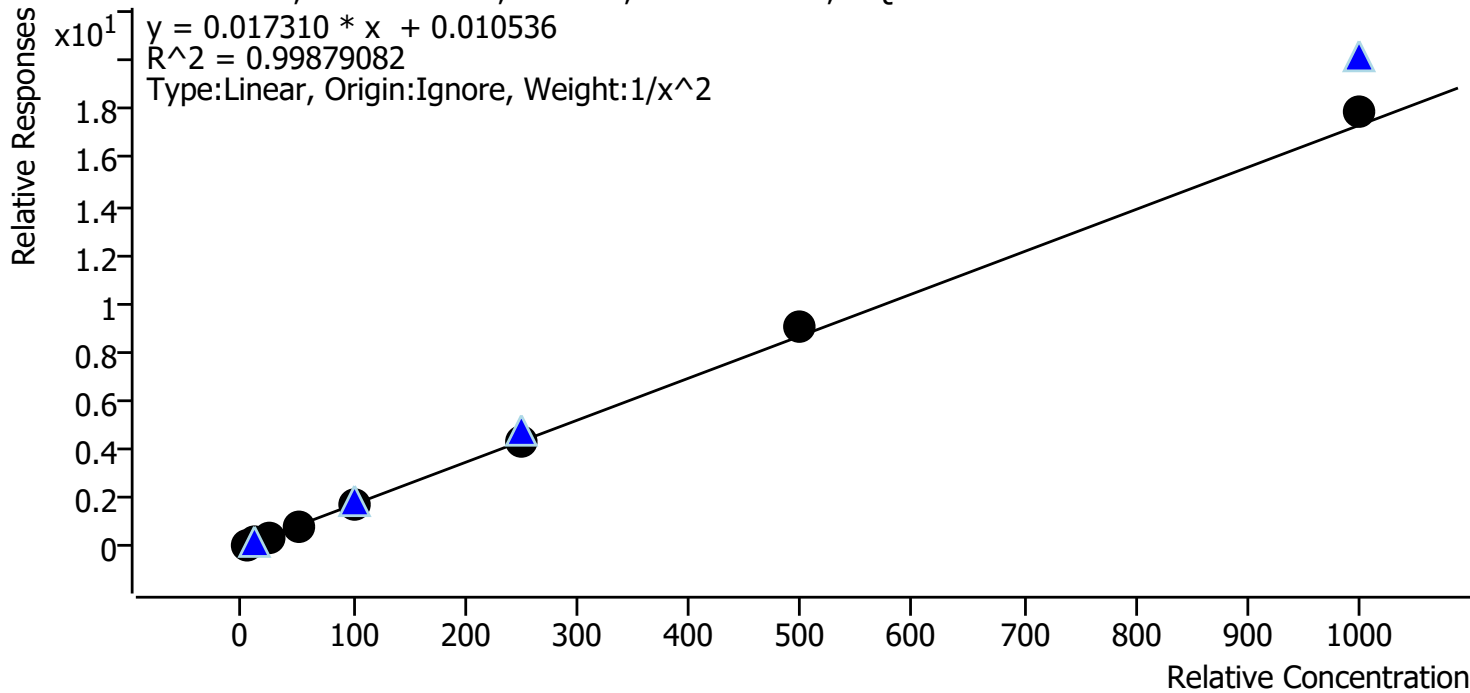
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

Venlafaxine - 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 | 101.1 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.0 | 100.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.8 | 95.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.1 | 98.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.6 | 97.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 249.9 | 100.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 522.7 | 104.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1031.6 | 103.2 |

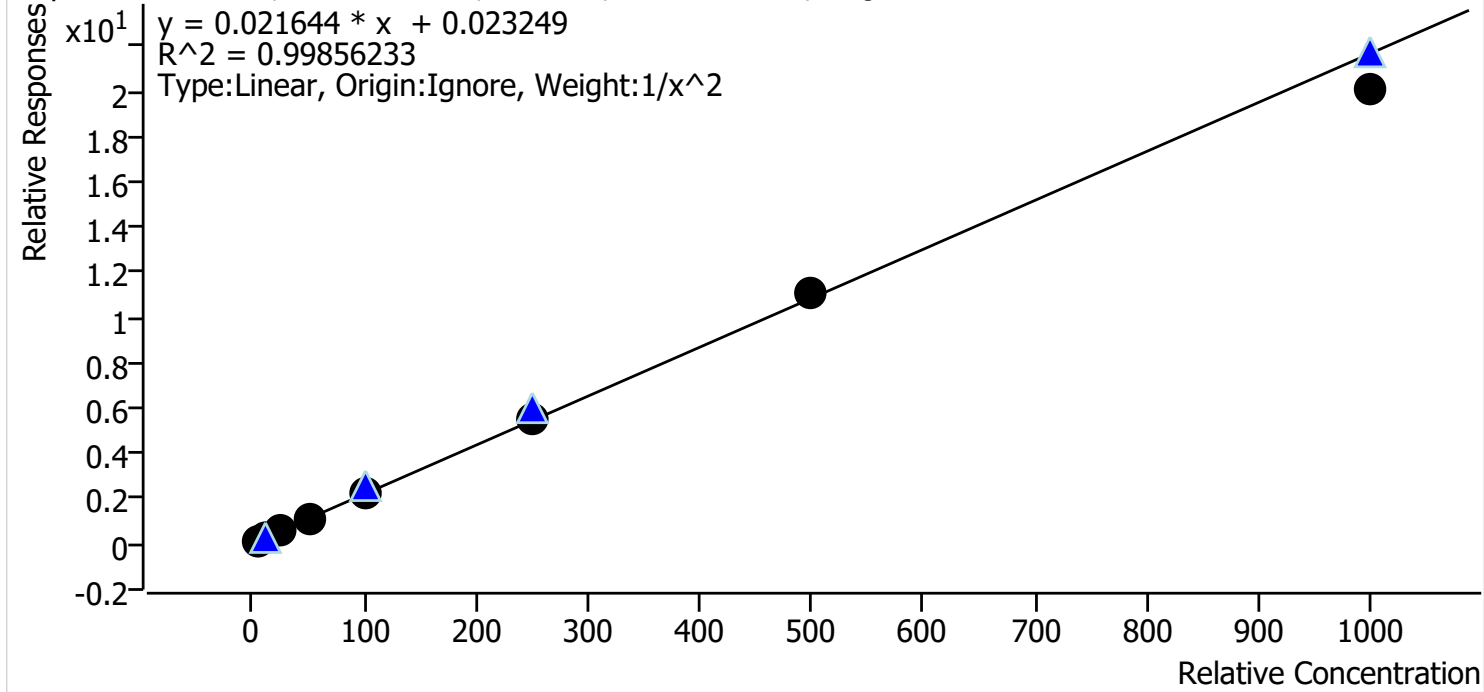
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Last Cal. Update 10/26/2021 11:07 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 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 | 4.9 | 98.7 |
| p1 Cal 2-10ng | 2 | ✓ | 10.0 | 10.3 | 102.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.5 | 101.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.4 | 102.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.8 | 101.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 510.2 | 102.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 927.0 | 92.7 |

SC

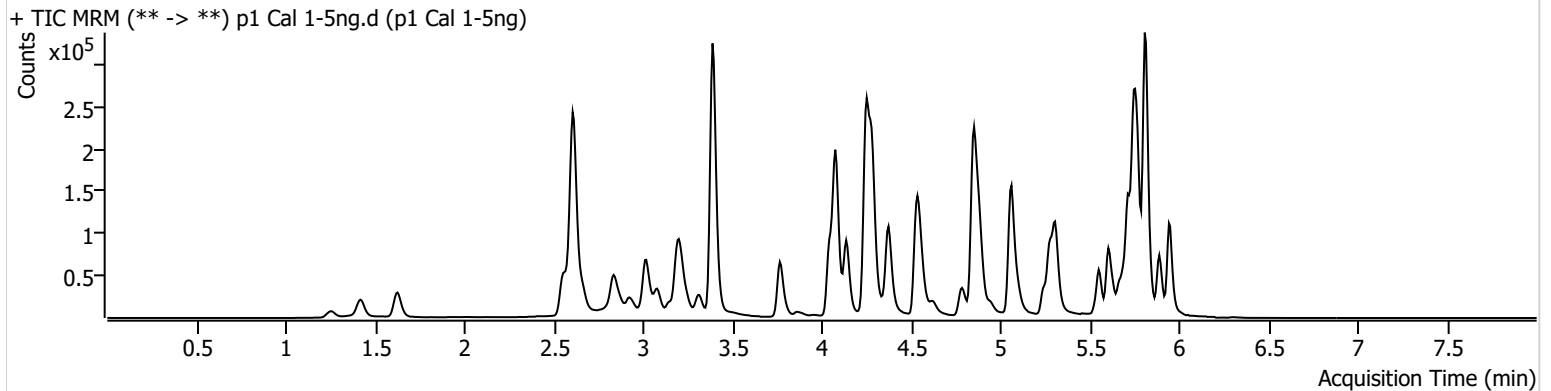


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|------------------------|------------------|----------------|
| Instrument | Falco (069901) | Data File | p1 Cal 1-5ng.d |
| Type | Cal | Sample | p1 Cal 1-5ng |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-A1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/25/2021 11:04:02 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|-------|----------|-------|----------|------------|--------------|
| 6-MAM | 3.158 | 605 | 1476.93 | 71.8 | 735.21 | 27157 | 0.5081 ng/ml |
| 7-aminoclonazepam | 4.258 | 11200 | 210.19 | 80.1 | 124.00 | 134028 | 4.8432 ng/ml |
| a-hydroxyalprazolam | 5.699 | 8492 | 129.35 | 82.1 | 238.86 | 206577 | 4.8207 ng/ml |
| alpha-PHP | 4.950 | 5242 | 270.86 | 277.6 | 1255.01 | 213707 | 5.5333 ng/ml |
| alpha-PVP | 4.383 | 28474 | 3062.83 | 49.0 | 69.32 | 213707 | 5.0540 ng/ml |
| Alprazolam | 5.775 | 27544 | 496.54 | 119.1 | 735.28 | 206577 | 5.2066 ng/ml |
| Amphetamine | 3.083 | 33831 | 79.51 | 41.2 | 244.25 | 52080 | 4.8287 ng/ml |
| Benzoylcegonine | 3.892 | 2206 | 389.95 | 8.4 | 169.65 | 8786 | 5.7461 ng/ml |
| Bupropion | 4.801 | 13487 | 1160.87 | 67.0 | 300.16 | 74896 | 4.9263 ng/ml |
| Carisoprodol | 5.724 | 25820 | 47779.00 | 53.7 | 30.39 | 187331 | 5.3411 ng/ml |
| Citalopram | 5.246 | 8185 | 696.23 | 36.1 | 5591.99 | 65902 | 5.0491 ng/ml |
| Clonazepam | 5.612 | 38657 | 118.81 | 32.4 | 8961.41 | 85463 | 4.8696 ng/ml |
| Clonazepam | 5.555 | 23036 | 748.27 | 28.6 | 13339.00 | 85463 | 4.7961 ng/ml |
| Cocaine | 4.284 | 26512 | 36680.50 | 53.3 | 903.78 | 327462 | 4.9744 ng/ml |
| Codeine | 2.607 | 3925 | 6498.53 | 112.8 | 63.37 | 35394 | 4.9142 ng/ml |
| Cyclobenzaprine | 5.635 | 2797 | 4075.36 | 10.3 | 8.26 | 29851 | 6.0581 ng/ml |
| Dextromethorphan | 5.289 | 3556 | 1465.88 | 86.0 | ∞ | 33345 | 4.8213 ng/ml |
| Dextrophan | 4.139 | 6642 | 187.20 | 213.3 | 26833.02 | 168344 | 5.1490 ng/ml |
| Diazepam | 5.953 | 19678 | 302.23 | 90.9 | 258.14 | 180059 | 4.9639 ng/ml |
| Dihydrocodeine | 2.586 | 11037 | 228.25 | 56.1 | 29.28 | 115465 | 4.8863 ng/ml |
| Diphenhydramine | 5.309 | 19339 | 3216.54 | 27.6 | 45.88 | 186984 | 4.9850 ng/ml |
| Doxylamine | 4.556 | 50790 | 3574.71 | 103.7 | 4857.73 | 367145 | 5.0766 ng/ml |
| EDDP | 5.281 | 13966 | 54356.24 | 42.9 | 1414.37 | 147529 | 4.9878 ng/ml |
| Etizolam | 5.813 | 12058 | 16869.39 | 29.6 | 9511.67 | 85463 | 5.0332 ng/ml |
| Fentanyl | 5.109 | 266 | 25.50 | 90.9 | 392.08 | 38193 | 0.5634 ng/ml |
| Flualprazolam | 5.705 | 9606 | 362.39 | 83.1 | 2349.54 | 206577 | 4.8725 ng/ml |
| Fluoxetine | 5.721 | 3725 | 297.31 | 8.3 | 1710.66 | 21277 | 5.0677 ng/ml |
| Hydrocodone | 3.045 | 14070 | 76.93 | 29.4 | 37.35 | 140457 | 4.8786 ng/ml |
| Hydromorphone | 1.635 | 12857 | 2845.20 | 69.8 | 1784.10 | 74219 | 4.9963 ng/ml |
| Ketamine | 4.059 | 28886 | 3841.10 | 37.4 | 112.08 | 196807 | 4.9296 ng/ml |
| Lamotrigine | 4.294 | 2648 | 187.63 | 84.0 | 321.79 | 196807 | 4.9177 ng/ml |
| Levetiracetam | 2.663 | 21702 | 237.18 | 138.8 | 187.75 | 602904 | 4.8167 ng/ml |
| Lorazepam | 5.747 | 36977 | 386.29 | 47.5 | 66.84 | 85463 | 4.8528 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|-------|----------|-------|----------|------------|--------------|
| MDA | 3.230 | 24432 | 574.64 | 30.9 | 149.51 | 111122 | 4.8449 ng/ml |
| MDMA | 3.323 | 16856 | 49634.95 | 83.6 | 147.56 | 34351 | 4.9855 ng/ml |
| Meprobamate | 4.911 | 12579 | 7287.22 | 25.0 | 242.01 | 136770 | 5.0181 ng/ml |
| Methadone | 5.666 | 7006 | 621.71 | 62.1 | 18.79 | 55459 | 5.1096 ng/ml |
| Methamphetamine | 3.251 | 17821 | 295.02 | 39.8 | 120.48 | 156736 | 4.9521 ng/ml |
| Metoprolol | 4.346 | 5523 | 193.69 | 89.8 | 254.04 | 450039 | 4.8600 ng/ml |
| Mirtazapine | 4.624 | 17874 | 1222.11 | 51.4 | 501.87 | 213707 | 5.1923 ng/ml |
| Mitragynine | 5.237 | 1530 | 825.84 | 33.2 | 886.43 | 55459 | 5.1201 ng/ml |
| Morphine | 1.267 | 2469 | 1980.59 | 23.0 | 419.55 | 8067 | 4.9784 ng/ml |
| Nordiazepam | 5.900 | 18010 | 732.84 | 59.0 | 379.35 | 105995 | 4.9542 ng/ml |
| Norfentanyl | 4.099 | 5552 | 312.31 | 36.0 | 71.53 | 423512 | 0.6159 ng/ml |
| Norhydrocodone | 3.093 | 1015 | 29.18 | 37.3 | 44.31 | 27050 | 4.9983 ng/ml |
| Noroxycodone | 2.943 | 10689 | 238.99 | 53.6 | 241.47 | 54595 | 4.9268 ng/ml |
| O-desmethyl-tramadol | 3.396 | 72873 | 458.13 | 5.6 | 115.91 | 713889 | 5.0098 ng/ml |
| Oxazepam | 5.756 | 37943 | 135.07 | 78.1 | 68.07 | 327303 | 4.8410 ng/ml |
| Oxycodone | 2.861 | 27275 | 90.65 | 27.9 | 952.90 | 149816 | 4.9740 ng/ml |
| Oxymorphone | 1.425 | 11220 | 83.47 | 47.3 | 207.72 | 58210 | 4.8112 ng/ml |
| Phentermine | 3.803 | 6754 | 88.61 | 6.1 | 21.19 | 168728 | 4.8452 ng/ml |
| Promethazine | 5.552 | 6152 | 54.26 | 31.6 | 22.94 | 49327 | 5.1239 ng/ml |
| Pseudoephedrine | 2.623 | 66474 | 1859.57 | 16.4 | 901.32 | 602904 | 5.0890 ng/ml |
| Quetiapine | 5.548 | 12600 | 1381.69 | 59.6 | 17578.57 | 28477 | 4.8595 ng/ml |
| Sertraline | 5.789 | 1441 | 23.18 | 105.5 | ∞ | 10656 | 5.2248 ng/ml |
| Temazepam | 5.816 | 56323 | 185.36 | 30.6 | 25.48 | 595653 | 4.8277 ng/ml |
| Tramadol | 4.266 | 53674 | 1358.06 | 3.5 | 100.59 | 450039 | 4.9719 ng/ml |
| Trazodone | 5.108 | 9632 | 740.59 | 76.7 | 153.69 | 60508 | 5.7085 ng/ml |
| Venlafaxine | 5.064 | 28502 | 780.05 | 35.1 | 55.25 | 290776 | 5.0540 ng/ml |
| Zolpidem | 4.874 | 69534 | 35520.69 | 32.3 | 3390.69 | 534759 | 4.9333 ng/ml |

SC

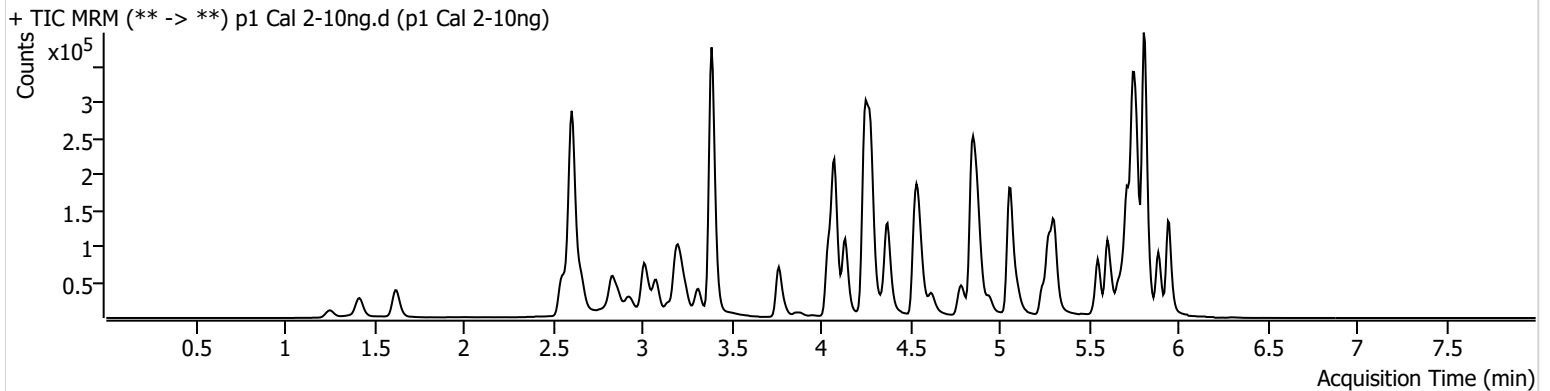


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 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 | Sarah Collins |
| Sample Position | P2-B1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/25/2021 11:14:48 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|-------|-----------------|------------|---------------|
| 6-MAM | 3.158 | 1200 | 358.19 | 72.0 | 2532.11 | 29428 | 0.9821 ng/ml |
| 7-aminoclonazepam | 4.258 | 22745 | 1274.61 | 76.5 | 7439.67 | 144049 | 10.2756 ng/ml |
| a-hydroxyalprazolam | 5.699 | 17202 | 370.61 | 80.9 | 930.95 | 215088 | 10.6094 ng/ml |
| alpha-PHP | 4.944 | 11027 | 132.16 | 276.9 | 603.28 | 235185 | 10.3146 ng/ml |
| alpha-PVP | 4.383 | 57310 | 2937.55 | 49.8 | 16459.55 | 235185 | 9.9347 ng/ml |
| Alprazolam | 5.775 | 54795 | 417.07 | 118.0 | 422.66 | 215088 | 9.6797 ng/ml |
| Amphetamine | 3.083 | 65297 | 455.23 | 42.1 | 343.80 | 54362 | 10.2820 ng/ml |
| Benzoylecgonine | 3.886 | 3810 | 230.64 | 8.1 | 159.88 | 9337 | 9.9990 ng/ml |
| Buprenorphine | 5.778 | 282 | 17.92 | 17.5 | 62.36 | 12027 | 0.9052 ng/ml |
| Bupropion | 4.801 | 28059 | 2070.93 | 71.5 | 729.35 | 82068 | 10.0652 ng/ml |
| Carisoprodol | 5.724 | 52580 | 224.15 | 49.6 | 262.97 | 200140 | 10.3627 ng/ml |
| Citalopram | 5.246 | 16519 | 319.67 | 33.0 | 96.81 | 71419 | 9.8999 ng/ml |
| Clonazepam | 5.612 | 77828 | 651.94 | 34.7 | 835.04 | 91519 | 10.2803 ng/ml |
| Clonazepam | 5.548 | 45460 | 62178.30 | 28.7 | 8282.78 | 91519 | 10.2702 ng/ml |
| Cocaine | 4.277 | 53572 | 304.46 | 55.8 | 478.46 | 364067 | 9.9827 ng/ml |
| Codeine | 2.607 | 7999 | 463.17 | 112.4 | 199.75 | 39252 | 10.0967 ng/ml |
| Cyclobenzaprine | 5.635 | 5356 | 1800.03 | 11.1 | 20.69 | 30488 | 10.4137 ng/ml |
| Dextromethorphan | 5.289 | 7533 | 21432.79 | 79.4 | 216.99 | 34786 | 10.6551 ng/ml |
| Dextrophan | 4.139 | 13057 | 55629.55 | 223.6 | 6714.51 | 189453 | 9.5733 ng/ml |
| Diazepam | 5.953 | 39652 | 718.48 | 91.7 | 770.76 | 193937 | 10.0396 ng/ml |
| Dihydrocodeine | 2.586 | 22707 | 131.28 | 57.2 | 3070.88 | 125500 | 10.3142 ng/ml |
| Diphenhydramine | 5.309 | 40431 | 3471.22 | 28.1 | 83.81 | 202553 | 10.1349 ng/ml |
| Doxylamine | 4.549 | 109477 | 10859.88 | 101.0 | 20827.87 | 426424 | 9.8860 ng/ml |
| EDDP | 5.281 | 30103 | 691.32 | 44.5 | 201.37 | 169175 | 10.1522 ng/ml |
| Etizolam | 5.813 | 23742 | 5966.57 | 30.4 | 15207.29 | 91519 | 9.9907 ng/ml |
| Fentanyl | 5.109 | 551 | 112.50 | 82.4 | 8.45 Low | 39560 | 1.0573 ng/ml |
| Flualprazolam | 5.705 | 19620 | 672.72 | 85.8 | 5452.59 | 215088 | 10.4091 ng/ml |
| Fluoxetine | 5.721 | 6324 | 7997.35 | 8.1 | 364.88 | 19322 | 10.1696 ng/ml |
| Hydrocodone | 3.039 | 28700 | 282.30 | 26.8 | 335.99 | 156848 | 10.1864 ng/ml |
| Hydromorphone | 1.628 | 25904 | 2440.28 | 69.1 | 148.55 | 79795 | 10.0505 ng/ml |
| Ketamine | 4.059 | 56358 | 9900.83 | 38.6 | 246.29 | 210623 | 9.9847 ng/ml |
| Lamotrigine | 4.294 | 4886 | 317.29 | 90.8 | 339.30 | 210623 | 9.9249 ng/ml |
| Levetiracetam | 2.663 | 42011 | 968.08 | 138.3 | 1595.03 | 638856 | 9.9512 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|----------|------------|---------------|
| Lorazepam | 5.747 | 73685 | 753.63 | 46.1 | 173.17 | 91519 | 10.3809 ng/ml |
| MDA | 3.230 | 49179 | 478.18 | 31.2 | 257.45 | 118790 | 10.3940 ng/ml |
| MDMA | 3.316 | 34778 | 6474.68 | 85.3 | 255.01 | 37595 | 10.0460 ng/ml |
| Meprobamate | 4.911 | 24405 | 271.07 | 26.3 | 457.68 | 143568 | 9.9917 ng/ml |
| Methadone | 5.666 | 13936 | 7006.46 | 61.0 | 175.46 | 59297 | 9.7288 ng/ml |
| Methamphetamine | 3.251 | 34709 | 158.14 | 39.0 | 99.15 | 174459 | 10.0703 ng/ml |
| Metoprolol | 4.340 | 11528 | 25571.08 | 85.8 | 651.75 | 484858 | 10.4317 ng/ml |
| Mirtazapine | 4.624 | 37194 | 776.90 | 52.1 | 917.04 | 235185 | 9.7068 ng/ml |
| Mitragynine | 5.237 | 2895 | 106.60 | 35.6 | 534.50 | 59297 | 9.7380 ng/ml |
| Morphine | 1.261 | 4935 | 994.98 | 20.9 | 22.67 | 8772 | 10.0994 ng/ml |
| Nordiazepam | 5.900 | 35889 | 457.16 | 59.9 | 216.71 | 113494 | 10.0937 ng/ml |
| Norfentanyl | 4.099 | 11161 | 155.35 | 34.9 | 39.84 | 452752 | 1.0919 ng/ml |
| Norhydrocodone | 3.093 | 2296 | 53.39 | 36.1 | 26.31 | 29167 | 10.2308 ng/ml |
| Noroxycodone | 2.943 | 22926 | 15.86 | 50.9 | 330.19 | 58615 | 10.3251 ng/ml |
| O-desmethyl-tramadol | 3.396 | 147030 | 45720.99 | 5.6 | 593.33 | 765563 | 10.0572 ng/ml |
| Oxazepam | 5.756 | 76178 | 169.74 | 76.2 | 153.21 | 337769 | 10.4251 ng/ml |
| Oxycodone | 2.861 | 53988 | 329.44 | 28.2 | 479.98 | 162655 | 10.0217 ng/ml |
| Oxymorphone | 1.418 | 23065 | 162.16 | 46.5 | 919.86 | 61404 | 10.5546 ng/ml |
| Phentermine | 3.803 | 13651 | 180.76 | 6.7 | 21.25 | 177693 | 10.3799 ng/ml |
| Promethazine | 5.552 | 11298 | 589.80 | 32.4 | 16.61 | 50066 | 9.7344 ng/ml |
| Pseudoephedrine | 2.616 | 133156 | 3701.95 | 16.0 | 2399.87 | 638856 | 9.9333 ng/ml |
| Quetiapine | 5.548 | 25658 | 4621.55 | 55.2 | 37690.44 | 30617 | 10.3483 ng/ml |
| Sertraline | 5.796 | 2691 | 81.23 | 97.1 | 90.16 | 10298 | 10.1289 ng/ml |
| Temazepam | 5.816 | 111437 | 1597.51 | 30.5 | 83.00 | 631714 | 9.8285 ng/ml |
| Tramadol | 4.266 | 108395 | 383.99 | 3.5 | 102.05 | 484858 | 10.0950 ng/ml |
| Trazodone | 5.101 | 20420 | 45530.35 | 75.1 | 5188.02 | 67645 | 10.4432 ng/ml |
| Venlafaxine | 5.064 | 58533 | 406.30 | 34.6 | 213.34 | 318047 | 10.0234 ng/ml |
| Zolpidem | 4.874 | 141124 | 2473.82 | 31.9 | 8085.82 | 575423 | 10.2569 ng/ml |

AM #28 Multi-Drug Quant. Results

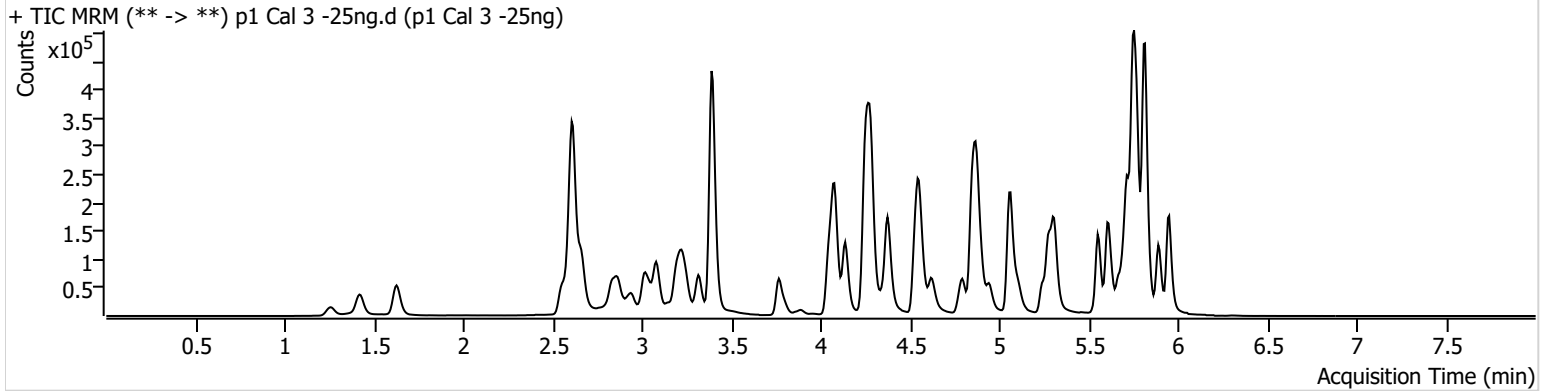
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|------------------------|------------------|------------------|
| Instrument | Falco (069901) | Data File | p1 Cal 3 -25ng.d |
| Type | Cal | Sample | p1 Cal 3 -25ng |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-C1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/25/2021 11:25:31 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.158 | 2727 | 336.78 | 69.4 | 5355.26 | 28376 | 2.4002 ng/ml |
| 7-aminoclonazepam | 4.258 | 50674 | 1254.71 | 76.3 | 81.69 | 133786 | 26.4162 ng/ml |
| a-hydroxyalprazolam | 5.699 | 37089 | 283.90 | 80.2 | 1177.39 | 206218 | 25.4855 ng/ml |
| alpha-PHP | 4.950 | 25272 | 442.38 | 278.3 | 8828.07 | 227814 | 24.0116 ng/ml |
| alpha-PVP | 4.383 | 129571 | 365.06 | 49.6 | 3947.37 | 227814 | 24.3005 ng/ml |
| Alprazolam | 5.775 | 124181 | 553.07 | 118.2 | 601.02 | 206218 | 22.4790 ng/ml |
| Amphetamine | 3.083 | 142769 | 531.25 | 41.4 | 1492.26 | 50564 | 26.3237 ng/ml |
| Benzoylcegonine | 3.892 | 7953 | 139.47 | 8.4 | 3333.97 | 8583 | 24.0462 ng/ml |
| Buprenorphine | 5.785 | 865 | 883.66 | 15.1 | 351.35 | 12115 | 2.6486 ng/ml |
| Bupropion | 4.801 | 64564 | 470.53 | 69.5 | 937.89 | 81147 | 24.4741 ng/ml |
| Carisoprodol | 5.724 | 113777 | 129454.48 | 51.7 | 163.91 | 186591 | 24.3173 ng/ml |
| Citalopram | 5.246 | 40058 | 2394.71 | 31.4 | 72773.51 | 71870 | 24.6687 ng/ml |
| Clonazepam | 5.612 | 175837 | 5396.06 | 34.1 | 2012.09 | 88206 | 25.8169 ng/ml |
| Clonazolam | 5.548 | 104864 | 111712.52 | 27.1 | 85667.92 | 88206 | 26.9468 ng/ml |
| Cocaine | 4.277 | 120613 | 461.03 | 55.3 | 207.79 | 342514 | 25.4944 ng/ml |
| Codeine | 2.607 | 17965 | 3063.10 | 114.6 | 66366.25 | 36684 | 26.0482 ng/ml |
| Cyclobenzaprine | 5.635 | 12499 | 31630.23 | 10.1 | 23.26 | 29265 | 23.7775 ng/ml |
| Dextromethorphan | 5.289 | 17012 | 40755.63 | 81.2 | 3167.29 | 34316 | 25.4739 ng/ml |
| Dextrophan | 4.139 | 30404 | 27438.66 | 221.8 | 740.00 | 182225 | 24.2790 ng/ml |
| Diazepam | 5.953 | 91249 | 2151.66 | 89.7 | 1071.07 | 184724 | 25.4810 ng/ml |
| Dihydrocodeine | 2.586 | 49749 | 1233.89 | 57.3 | 3266.77 | 119303 | 25.3282 ng/ml |
| Diphenhydramine | 5.309 | 95172 | 11653.40 | 27.3 | 1237.92 | 200630 | 24.8465 ng/ml |
| Doxylamine | 4.549 | 232728 | 4043.07 | 102.3 | 39043.18 | 385625 | 23.9729 ng/ml |
| EDDP | 5.281 | 69254 | 2775.81 | 45.5 | 610.03 | 168462 | 24.6115 ng/ml |
| Etizolam | 5.813 | 53293 | 92146.22 | 29.9 | 2323.17 | 88206 | 24.4348 ng/ml |
| Fentanyl | 5.109 | 1283 | 52.36 | 71.9 | 2312.89 | 38132 | 2.4561 ng/ml |
| Flualprazolam | 5.705 | 43073 | 670.29 | 84.9 | 8479.99 | 206218 | 24.9744 ng/ml |
| Fluoxetine | 5.721 | 13782 | 14523.85 | 6.9 | 104.63 | 19746 | 22.5941 ng/ml |
| Hydrocodone | 3.045 | 64366 | 325.30 | 26.9 | 53.04 | 149938 | 25.9745 ng/ml |
| Hydromorphone | 1.635 | 57851 | 550510.77 | 73.5 | 1368.13 | 74932 | 24.9858 ng/ml |
| Ketamine | 4.059 | 130166 | 844.44 | 38.3 | 416.46 | 199297 | 26.1177 ng/ml |
| Lamotrigine | 4.294 | 10982 | 945.01 | 89.9 | 946.11 | 199297 | 26.3207 ng/ml |
| Levetiracetam | 2.663 | 92289 | 1907.17 | 142.0 | 185.80 | 600494 | 25.1194 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|-----------|------------|---------------|
| Lorazepam | 5.747 | 167810 | 9576.75 | 45.8 | 248.25 | 88206 | 26.6673 ng/ml |
| MDA | 3.230 | 109112 | 1951.43 | 31.1 | 446.20 | 116129 | 25.4166 ng/ml |
| MDMA | 3.316 | 79631 | 2261.24 | 82.5 | 585.28 | 35937 | 25.0843 ng/ml |
| Meprobamate | 4.911 | 53961 | 435.40 | 25.9 | 111.81 | 136078 | 24.4352 ng/ml |
| Methadone | 5.666 | 34295 | 230.81 | 61.0 | 430.46 | 59108 | 24.3987 ng/ml |
| Methamphetamine | 3.251 | 69093 | 1416.70 | 39.2 | 193.99 | 153229 | 25.1969 ng/ml |
| Metoprolol | 4.346 | 25036 | 754.50 | 86.9 | 1402.51 | 460673 | 25.2380 ng/ml |
| Mirtazapine | 4.624 | 85501 | 852.64 | 51.1 | 855.68 | 227814 | 22.8644 ng/ml |
| Mitragynine | 5.237 | 6631 | 132.86 | 32.3 | 144.56 | 59108 | 23.5213 ng/ml |
| Morphine | 1.261 | 10922 | 79.42 | 21.4 | 132.82 | 8396 | 24.8398 ng/ml |
| Nordiazepam | 5.900 | 82358 | 2892.43 | 57.3 | 6209.77 | 110058 | 25.2720 ng/ml |
| Norfentanyl | 4.099 | 24120 | 1122.36 | 31.3 | 250.20 | 441176 | 2.3297 ng/ml |
| Norhydrocodone | 3.093 | 4886 | 72.19 | 32.1 | 42.36 | 26352 | 23.7833 ng/ml |
| Noroxycodone | 2.943 | 51013 | 1352.23 | 50.4 | 494.81 | 55336 | 24.9917 ng/ml |
| O-desmethyl-tramadol | 3.396 | 326944 | 571.58 | 5.8 | 230.81 | 728044 | 24.4751 ng/ml |
| Oxazepam | 5.756 | 169518 | 3354.12 | 77.4 | 1527.34 | 326302 | 25.4025 ng/ml |
| Oxycodone | 2.861 | 121612 | 333.51 | 28.6 | 688.20 | 156380 | 25.0352 ng/ml |
| Oxymorphone | 1.425 | 50972 | ∞ | 46.3 | 106.45 | 58629 | 26.0612 ng/ml |
| Phentermine | 3.803 | 29243 | 387.36 | 6.6 | 60.63 | 164030 | 25.6419 ng/ml |
| Promethazine | 5.552 | 25403 | 221.28 | 34.9 | 95.08 | 48418 | 23.3897 ng/ml |
| Pseudoephedrine | 2.616 | 293109 | 548.91 | 15.7 | 91.68 | 600494 | 23.7342 ng/ml |
| Quetiapine | 5.548 | 59420 | 21319.71 | 56.1 | 609148.13 | 30645 | 25.6244 ng/ml |
| Sertraline | 5.789 | 5943 | 131.89 | 99.8 | 1048.95 | 9835 | 23.4770 ng/ml |
| Temazepam | 5.816 | 254969 | 836.68 | 29.5 | 351.52 | 603789 | 24.8515 ng/ml |
| Tramadol | 4.266 | 241488 | 38663.48 | 3.4 | 132.37 | 460673 | 24.8631 ng/ml |
| Trazodone | 5.108 | 46518 | 68181.20 | 76.2 | 73961.47 | 67564 | 23.2733 ng/ml |
| Venlafaxine | 5.064 | 131840 | 333.73 | 35.4 | 628.82 | 312023 | 23.8016 ng/ml |
| Zolpidem | 4.874 | 313456 | 2936.37 | 32.6 | 331236.68 | 560508 | 24.7632 ng/ml |

SC

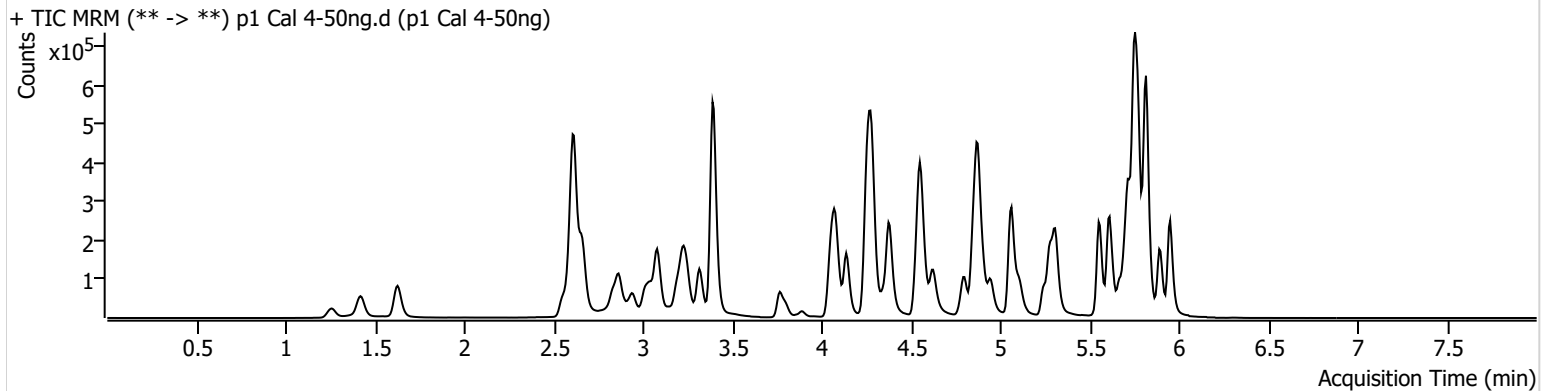


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 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 | Sarah Collins |
| Sample Position | P2-D1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/25/2021 11:36:07 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.158 | 5426 | 670.09 | 68.5 | 3643.11 | 27610 | 4.9730 ng/ml |
| 7-aminoclonazepam | 4.258 | 97938 | 5211.72 | 75.6 | 5776.31 | 133082 | 52.5162 ng/ml |
| a-hydroxyalprazolam | 5.699 | 67804 | 1146.61 | 81.9 | 2684.02 | 192628 | 51.1237 ng/ml |
| alpha-PHP | 4.950 | 48948 | 691.56 | 276.0 | 2182.89 | 219994 | 47.8712 ng/ml |
| alpha-PVP | 4.383 | 247930 | 86190.97 | 50.7 | 598.28 | 219994 | 48.9697 ng/ml |
| Alprazolam | 5.775 | 246441 | 746.47 | 115.5 | 2118.17 | 192628 | 47.4260 ng/ml |
| Amphetamine | 3.083 | 292394 | 4973.88 | 42.0 | 325.22 | 52063 | 53.9363 ng/ml |
| Benzoylecgonine | 3.892 | 15599 | 614.63 | 8.5 | 117.57 | 8913 | 46.3606 ng/ml |
| Buprenorphine | 5.785 | 1622 | 312.96 | 15.1 | 990.66 | 11464 | 5.2018 ng/ml |
| Bupropion | 4.801 | 129515 | 12554.17 | 70.2 | 343.47 | 80265 | 50.4491 ng/ml |
| Carisoprodol | 5.724 | 215380 | 62927.41 | 51.7 | 1056.15 | 175877 | 49.0396 ng/ml |
| Citalopram | 5.246 | 75192 | 1177.42 | 34.1 | 178.67 | 68426 | 49.1969 ng/ml |
| Clonazepam | 5.612 | 333397 | 912.28 | 34.1 | 27326.98 | 84346 | 52.4472 ng/ml |
| Clonazepam | 5.548 | 196359 | 464774.40 | 27.8 | 92315.07 | 84346 | 54.3952 ng/ml |
| Cocaine | 4.277 | 231363 | 16274.87 | 55.2 | 2097.30 | 335093 | 51.0942 ng/ml |
| Codeine | 2.607 | 33963 | 154.49 | 112.8 | 85728.15 | 35681 | 51.8277 ng/ml |
| Cyclobenzaprine | 5.635 | 25338 | 71867.51 | 10.0 | 135.25 | 29922 | 46.0859 ng/ml |
| Dextromethorphan | 5.289 | 32660 | 2548.68 | 75.6 | 40996.28 | 34365 | 49.6043 ng/ml |
| Dextrophan | 4.139 | 57189 | 134479.36 | 226.1 | 41301.16 | 173958 | 48.5901 ng/ml |
| Diazepam | 5.953 | 170577 | 992.33 | 91.2 | 4813.74 | 177348 | 50.4335 ng/ml |
| Dihydrocodeine | 2.586 | 98518 | 9828.06 | 58.6 | 5739.71 | 117699 | 52.0428 ng/ml |
| Diphenhydramine | 5.309 | 179631 | 6855.68 | 28.0 | 355.32 | 194256 | 48.9596 ng/ml |
| Doxylamine | 4.549 | 480068 | 1079.78 | 100.1 | 2810.40 | 391599 | 49.2567 ng/ml |
| EDDP | 5.281 | 128963 | 305.41 | 44.8 | 2886.14 | 158634 | 49.5334 ng/ml |
| Etizolam | 5.813 | 101827 | 7496.57 | 29.0 | 77681.85 | 84346 | 49.7004 ng/ml |
| Fentanyl | 5.109 | 2451 | 185.61 | 88.4 | 7325.91 | 39079 | 4.5202 ng/ml |
| Flualprazolam | 5.705 | 82041 | 2531.22 | 89.7 | 18454.97 | 192628 | 51.8425 ng/ml |
| Fluoxetine | 5.721 | 27979 | 4929.58 | 7.3 | 3077.16 | 19220 | 47.9908 ng/ml |
| Hydrocodone | 3.045 | 125851 | 317.25 | 27.4 | 119.76 | 148614 | 52.7389 ng/ml |
| Hydromorphone | 1.628 | 111840 | 688.05 | 74.2 | 1283.14 | 74356 | 49.4234 ng/ml |
| Ketamine | 4.059 | 255487 | 20065.16 | 37.8 | 388.57 | 198482 | 52.6503 ng/ml |
| Lamotrigine | 4.294 | 21943 | 1215.10 | 88.8 | 38359.91 | 198482 | 54.8209 ng/ml |
| Levetiracetam | 2.663 | 179592 | 4095.97 | 140.8 | 7019.31 | 593631 | 50.7954 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|-----------|-------|-----------|------------|---------------|
| Lorazepam | 5.747 | 297725 | 6331.91 | 45.8 | 3068.00 | 84346 | 50.8197 ng/ml |
| MDA | 3.230 | 212117 | 2260.48 | 30.7 | 828.70 | 111727 | 52.8267 ng/ml |
| MDMA | 3.316 | 153375 | 1873.24 | 84.0 | 2042.46 | 35227 | 49.9940 ng/ml |
| Meprobamate | 4.911 | 104168 | 9916.35 | 25.6 | 4283.93 | 128269 | 50.9285 ng/ml |
| Methadone | 5.666 | 65008 | 5666.79 | 60.9 | 244.86 | 56510 | 48.6295 ng/ml |
| Methamphetamine | 3.251 | 145162 | 500.05 | 39.8 | 380.40 | 163192 | 51.5293 ng/ml |
| Metoprolol | 4.346 | 49351 | 134682.36 | 86.3 | 1544.91 | 451484 | 51.8568 ng/ml |
| Mirtazapine | 4.624 | 171167 | 1214.56 | 50.4 | 1098.90 | 219994 | 47.2665 ng/ml |
| Mitragynine | 5.237 | 13150 | 15970.68 | 31.4 | 666.79 | 56510 | 49.7351 ng/ml |
| Morphine | 1.261 | 21313 | 711.79 | 21.5 | 157.40 | 8310 | 50.0786 ng/ml |
| Norbuprenorphine | 5.019 | 160 | 1274.48 | 124.6 | 556.36 | 1594 | 4.7472 ng/ml |
| Nordiazepam | 5.900 | 152038 | 1716.07 | 58.8 | 20983.73 | 103505 | 50.5844 ng/ml |
| Norfentanyl | 4.106 | 47123 | 297.36 | 34.4 | 927.05 | 435346 | 4.5385 ng/ml |
| Norhydrocodone | 3.093 | 9617 | ∞ | 34.4 | 91.95 | 24793 | 49.5062 ng/ml |
| Noroxycodone | 2.943 | 98631 | 1481.53 | 50.9 | 1674.27 | 53920 | 50.0643 ng/ml |
| O-desmethyl-tramadol | 3.396 | 642850 | 12884.97 | 5.8 | 601.92 | 710834 | 50.0156 ng/ml |
| Oxazepam | 5.756 | 310163 | 4697.15 | 79.6 | 2657.34 | 294194 | 52.6472 ng/ml |
| Oxycodone | 2.861 | 238880 | 1900.33 | 28.9 | 1315.16 | 153386 | 51.2973 ng/ml |
| Oxymorphone | 1.418 | 95310 | ∞ | 47.1 | 288.92 | 57281 | 51.0124 ng/ml |
| Phentermine | 3.803 | 59514 | 1378.06 | 5.8 | 62.10 | 166261 | 52.6720 ng/ml |
| Promethazine | 5.552 | 54015 | 12047.69 | 33.9 | 376.26 | 48053 | 50.7636 ng/ml |
| Pseudoephedrine | 2.616 | 584699 | 22077.38 | 16.2 | 12460.84 | 593631 | 48.2506 ng/ml |
| Quetiapine | 5.548 | 116430 | 1192.12 | 57.5 | 228.39 | 30327 | 51.9898 ng/ml |
| Sertraline | 5.796 | 12030 | 308.75 | 93.5 | 244.27 | 9250 | 50.5689 ng/ml |
| Temazepam | 5.816 | 463365 | 474.54 | 30.0 | 361.86 | 547957 | 50.7173 ng/ml |
| Tramadol | 4.266 | 472264 | 12736.96 | 3.5 | 166.18 | 451484 | 50.4957 ng/ml |
| Trazodone | 5.108 | 92182 | 14669.64 | 77.1 | 152082.10 | 65507 | 47.1217 ng/ml |
| Venlafaxine | 5.064 | 260497 | 540.73 | 34.1 | 1228.60 | 302692 | 49.1091 ng/ml |
| Zolpidem | 4.874 | 613827 | 58358.58 | 31.6 | 70341.34 | 549675 | 50.5192 ng/ml |

AM #28 Multi-Drug Quant. Results

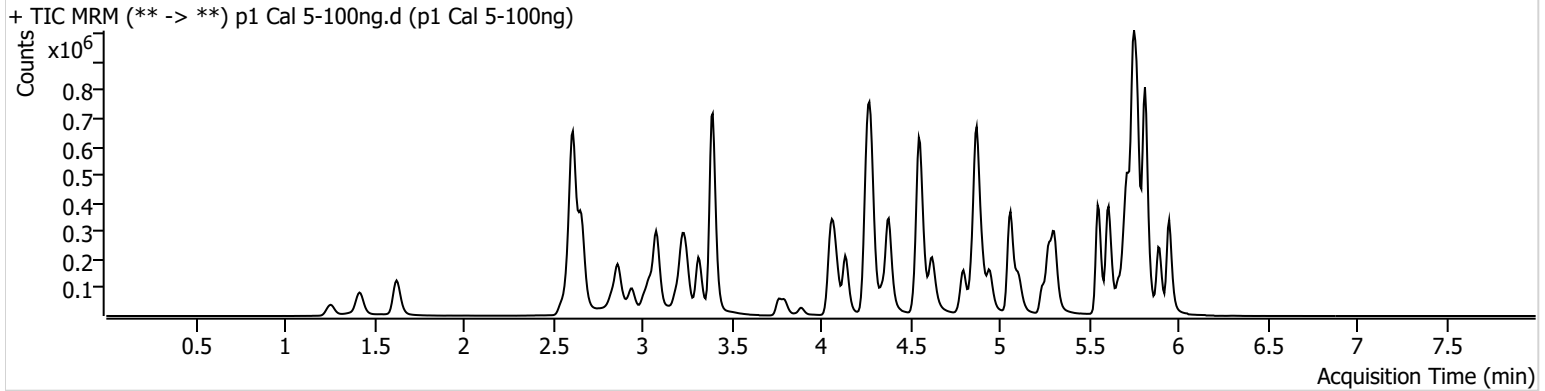
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|------------------------|------------------|------------------|
| Instrument | Falco (069901) | Data File | p1 Cal 5-100ng.d |
| Type | Cal | Sample | p1 Cal 5-100ng |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-E1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/25/2021 11:46:43 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.158 | 9574 | 171.80 | 67.4 | 16059.71 | 23898 | 10.2026 ng/ml |
| 7-aminoclonazepam | 4.258 | 178622 | ∞ | 76.2 | 3996.68 | 121469 | 106.1986 ng/ml |
| a-hydroxyalprazolam | 5.699 | 111971 | 278.61 | 84.2 | 289.47 | 161397 | 102.0265 ng/ml |
| alpha-PHP | 4.950 | 82385 | 1549.47 | 274.2 | 2759.24 | 191271 | 92.4034 ng/ml |
| alpha-PVP | 4.383 | 433160 | 24106.97 | 49.6 | 614.40 | 191271 | 99.2454 ng/ml |
| Alprazolam | 5.775 | 419106 | 1573.07 | 114.6 | 7595.93 | 161397 | 95.9581 ng/ml |
| Amphetamine | 3.083 | 518615 | 17553.84 | 42.3 | 768.34 | 48461 | 104.2202 ng/ml |
| Benzoylecgonine | 3.892 | 29853 | 5956.82 | 7.4 | 215.02 | 8515 | 93.9349 ng/ml |
| Buprenorphine | 5.785 | 2613 | 2025.66 | 14.7 | 455.59 | 9694 | 9.8621 ng/ml |
| Bupropion | 4.801 | 216573 | 16810.83 | 70.9 | 2684.53 | 68349 | 99.8304 ng/ml |
| Carisoprodol | 5.724 | 365854 | 875.10 | 49.7 | 4123.57 | 150225 | 97.7236 ng/ml |
| Citalopram | 5.246 | 123314 | 351.05 | 33.9 | 165714.80 | 56476 | 98.3239 ng/ml |
| Clonazepam | 5.612 | 547743 | 27450.29 | 34.0 | 35246.82 | 72328 | 101.6544 ng/ml |
| Clonazepam | 5.548 | 328711 | 4624.33 | 28.6 | 143703.18 | 72328 | 107.8069 ng/ml |
| Cocaine | 4.284 | 391101 | 17659.88 | 55.9 | 28310.84 | 290665 | 100.6656 ng/ml |
| Codeine | 2.607 | 58099 | 4031.00 | 112.0 | 2382.86 | 30978 | 103.3547 ng/ml |
| Cyclobenzaprine | 5.635 | 41439 | 487.49 | 9.1 | 211.81 | 24791 | 89.9232 ng/ml |
| Dextromethorphan | 5.289 | 53492 | 126.44 | 85.9 | 4813.28 | 27994 | 100.5781 ng/ml |
| Dextrophan | 4.139 | 98792 | 169359.43 | 222.1 | 23181.61 | 149104 | 98.7165 ng/ml |
| Diazepam | 5.953 | 280482 | 5353.72 | 90.7 | 10854.36 | 147038 | 100.8740 ng/ml |
| Dihydrocodeine | 2.586 | 171597 | 459.06 | 58.3 | 30692.97 | 105395 | 102.3560 ng/ml |
| Diphenhydramine | 5.309 | 305072 | 5626.14 | 27.3 | 4547.28 | 164449 | 98.7758 ng/ml |
| Doxylamine | 4.556 | 819155 | 7306.85 | 101.0 | 45825.59 | 332661 | 99.4870 ng/ml |
| EDDP | 5.281 | 219051 | 638.41 | 45.1 | 4707.48 | 138822 | 96.9733 ng/ml |
| Etizolam | 5.813 | 169417 | 14754.59 | 29.2 | 75695.82 | 72328 | 97.2549 ng/ml |
| Fentanyl | 5.109 | 4485 | 50.46 | 73.5 | 10737.65 | 33801 | 9.4851 ng/ml |
| Flualprazolam | 5.705 | 136093 | 2068.40 | 87.7 | 12437.27 | 161397 | 103.5060 ng/ml |
| Fluoxetine | 5.721 | 44965 | 6098.38 | 7.3 | 4811.45 | 14981 | 99.8047 ng/ml |
| Hydrocodone | 3.045 | 217562 | 2461.10 | 28.2 | 110.53 | 131764 | 104.2946 ng/ml |
| Hydromorphone | 1.628 | 195839 | 1790.61 | 74.3 | 2137.64 | 66013 | 98.2449 ng/ml |
| Ketamine | 4.059 | 430716 | 243759.25 | 38.1 | 4645.61 | 174614 | 102.0043 ng/ml |
| Lamotrigine | 4.301 | 35992 | 2381.65 | 91.0 | 14957.10 | 174614 | 103.9376 ng/ml |
| Levetiracetam | 2.663 | 334430 | 721.40 | 140.8 | 526.49 | 522033 | 109.1184 ng/ml |

SC



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|----------|------------|----------------|
| Lorazepam | 5.747 | 450268 | 29832.04 | 45.2 | 448.93 | 72328 | 90.8262 ng/ml |
| MDA | 3.230 | 361102 | 1648.52 | 30.0 | 1534.67 | 96526 | 105.4898 ng/ml |
| MDMA | 3.316 | 263862 | 1712.49 | 85.1 | 5723.33 | 30824 | 98.9992 ng/ml |
| Meprobamate | 4.911 | 178515 | 270693.47 | 25.7 | 1306.17 | 113838 | 99.1287 ng/ml |
| Methadone | 5.666 | 106571 | 631.17 | 59.1 | 504.20 | 46495 | 97.1471 ng/ml |
| Methamphetamine | 3.251 | 267910 | 5756.20 | 39.8 | 982.77 | 152886 | 103.3306 ng/ml |
| Metoprolol | 4.346 | 83129 | 2824.62 | 90.0 | 3432.94 | 392551 | 101.4803 ng/ml |
| Mirtazapine | 4.624 | 293674 | 1944.62 | 51.0 | 10713.60 | 191271 | 93.1525 ng/ml |
| Mitragynine | 5.237 | 21689 | 50346.85 | 33.3 | 21486.32 | 46495 | 100.5832 ng/ml |
| Morphine | 1.261 | 38771 | 1442.41 | 21.7 | 187.52 | 7657 | 99.9598 ng/ml |
| Norbuprenorphine | 5.013 | 303 | 438.64 | 119.9 | 1530.34 | 1443 | 11.4545 ng/ml |
| Nordiazepam | 5.900 | 250145 | 1071.51 | 57.7 | 471.46 | 84801 | 102.6047 ng/ml |
| Norfentanyl | 4.106 | 82239 | 3271.91 | 33.6 | 279.24 | 388209 | 8.8102 ng/ml |
| Norhydrocodone | 3.093 | 15924 | 271.32 | 32.2 | 856.26 | 21118 | 96.0149 ng/ml |
| Noroxycodone | 2.943 | 168433 | 974.90 | 51.9 | 413.49 | 47455 | 97.5987 ng/ml |
| O-desmethyl-tramadol | 3.396 | 1110578 | 61435.38 | 5.8 | 3819.80 | 629901 | 98.1884 ng/ml |
| Oxazepam | 5.756 | 488976 | 6823.31 | 77.8 | 3748.72 | 233843 | 105.4669 ng/ml |
| Oxycodone | 2.861 | 415786 | 6169.76 | 29.1 | 877.27 | 135360 | 102.3027 ng/ml |
| Oxymorphone | 1.418 | 164005 | ∞ | 47.7 | ∞ | 50821 | 100.1052 ng/ml |
| Phentermine | 3.803 | 104094 | 844.88 | 5.9 | 45.41 | 148880 | 104.0035 ng/ml |
| Promethazine | 5.552 | 89023 | 342.45 | 33.7 | 436.37 | 41067 | 98.4299 ng/ml |
| Pseudoephedrine | 2.616 | 1033901 | 13841.36 | 16.2 | 301.34 | 522033 | 97.3766 ng/ml |
| Quetiapine | 5.548 | 190859 | 12669.29 | 58.9 | 9287.12 | 24846 | 105.3042 ng/ml |
| Sertraline | 5.789 | 18751 | 379.87 | 97.6 | 388.24 | 7420 | 98.3003 ng/ml |
| Temazepam | 5.816 | 751315 | 1429.67 | 30.4 | 1599.10 | 449665 | 101.1370 ng/ml |
| Tramadol | 4.266 | 816804 | ∞ | 3.5 | 272.57 | 392551 | 101.3232 ng/ml |
| Trazodone | 5.108 | 156927 | 342.28 | 75.7 | 72101.08 | 56252 | 92.9978 ng/ml |
| Venlafaxine | 5.064 | 445329 | 672.18 | 35.2 | 517.06 | 261992 | 97.5893 ng/ml |
| Zolpidem | 4.874 | 1061430 | 2978.63 | 31.6 | 1418.55 | 473919 | 102.4021 ng/ml |

SC

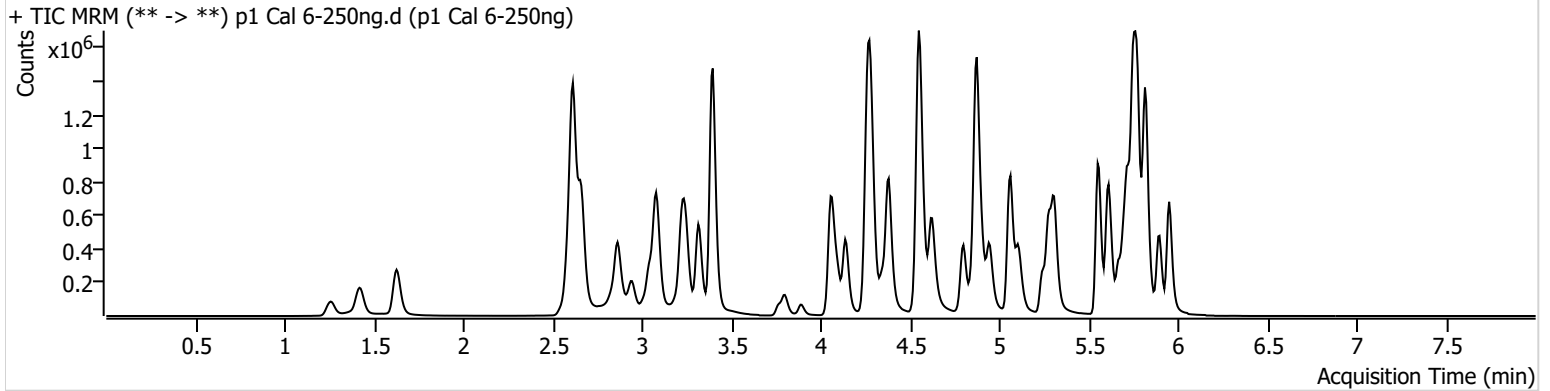


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 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** Sarah Collins
Sample Position P2-F1 **Comment**
Injection Volume 2
Acq. Date-Time 10/25/2021 11:57:19 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.158 | 24789 | 345.22 | 69.4 | 597.11 | 25122 | 25.2209 ng/ml |
| 7-aminoclonazepam | 4.258 | 388740 | 31410.82 | 77.1 | 11040.54 | 115675 | 244.3231 ng/ml |
| a-hydroxyalprazolam | 5.692 | 212828 | 431.57 | 79.0 | 275.30 | 138123 | 228.1930 ng/ml |
| alpha-PHP | 4.950 | 235761 | 3349.27 | 269.8 | 9219.65 | 204069 | 247.3652 ng/ml |
| alpha-PVP | 4.383 | 1166923 | 27653.56 | 50.4 | 24715.59 | 204069 | 251.8691 ng/ml |
| Alprazolam | 5.775 | 974579 | ∞ | 110.0 | 5361.34 | 138123 | 260.2331 ng/ml |
| Amphetamine | 3.083 | 1376118 | 17675.20 | 41.8 | 3326.95 | 52169 | 259.2190 ng/ml |
| Benzoylcegonine | 3.892 | 74280 | 3248.91 | 8.2 | 393.14 | 8048 | 249.0214 ng/ml |
| Buprenorphine | 5.785 | 6901 | 12569.94 | 14.1 | 2760.43 | 9736 | 25.8524 ng/ml |
| Bupropion | 4.801 | 606352 | 36357.94 | 70.2 | 647.49 | 76233 | 251.7923 ng/ml |
| Carisoprodol | 5.724 | 711684 | ∞ | 51.4 | 7325.70 | 119695 | 238.8759 ng/ml |
| Citalopram | 5.246 | 359390 | 992.77 | 33.5 | 239.88 | 65495 | 247.9671 ng/ml |
| Clonazepam | 5.612 | 1206872 | 36687.62 | 34.6 | 774.75 | 63815 | 255.7716 ng/ml |
| Clonazepam | 5.555 | 686959 | 858036.19 | 29.6 | 283777.37 | 63815 | 257.6785 ng/ml |
| Cocaine | 4.284 | 1013489 | 26389.59 | 55.7 | 15145.61 | 310423 | 245.9024 ng/ml |
| Codeine | 2.600 | 134052 | 1656.73 | 107.8 | 457.72 | 30832 | 241.2759 ng/ml |
| Cyclobenzaprine | 5.635 | 109969 | 16045.75 | 9.3 | 1477.23 | 24913 | 235.6973 ng/ml |
| Dextromethorphan | 5.289 | 147788 | 365.77 | 83.4 | 214.18 | 31325 | 249.5658 ng/ml |
| Dextrophan | 4.139 | 270410 | 28292.41 | 220.5 | 129631.89 | 159871 | 253.2114 ng/ml |
| Diazepam | 5.953 | 661199 | 1689.21 | 91.3 | 1823.65 | 138260 | 254.1974 ng/ml |
| Dihydrocodeine | 2.579 | 430849 | 1128.24 | 59.4 | 877.55 | 109026 | 250.1426 ng/ml |
| Diphenhydramine | 5.309 | 877581 | 35879.63 | 27.7 | 2832.56 | 188014 | 249.3676 ng/ml |
| Doxylamine | 4.549 | 2349356 | 118070.79 | 99.3 | 9528.35 | 384419 | 247.7183 ng/ml |
| EDDP | 5.281 | 655045 | 24360.59 | 44.6 | 3786.72 | 161700 | 250.3415 ng/ml |
| Etizolam | 5.813 | 377593 | 2372.90 | 30.0 | 2049.99 | 63815 | 247.0128 ng/ml |
| Fentanyl | 5.109 | 11867 | 101.02 | 77.6 | 18166.64 | 35792 | 23.5957 ng/ml |
| Flualprazolam | 5.705 | 284374 | 499.75 | 95.2 | 838.27 | 138123 | 254.0010 ng/ml |
| Fluoxetine | 5.721 | 93568 | 4352.38 | 7.9 | 13424.43 | 12104 | 258.2976 ng/ml |
| Hydrocodone | 3.039 | 551023 | 631.58 | 28.5 | 271.40 | 135990 | 258.1844 ng/ml |
| Hydromorphone | 1.628 | 483536 | 17003.43 | 73.3 | 3712.84 | 64058 | 251.1912 ng/ml |
| Ketamine | 4.059 | 1142697 | 47844.08 | 37.6 | 1207.61 | 187705 | 253.5244 ng/ml |
| Lamotrigine | 4.301 | 89196 | 11570.03 | 89.8 | 1380.57 | 187705 | 242.2237 ng/ml |
| Levetiracetam | 2.663 | 731193 | 570.57 | 140.5 | 41576.42 | 534025 | 234.8018 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|------------|------------|----------------|
| Lorazepam | 5.747 | 755500 | 51350.75 | 45.6 | 1432.95 | 63815 | 174.1390 ng/ml |
| MDA | 3.230 | 934467 | 8992.21 | 29.2 | 4561.53 | 103946 | 255.5198 ng/ml |
| MDMA | 3.316 | 729821 | 2371.53 | 85.8 | 2541.25 | 33322 | 254.4415 ng/ml |
| Meprobamate | 4.911 | 374516 | 51312.70 | 25.5 | 4718.79 | 96628 | 246.2500 ng/ml |
| Methadone | 5.666 | 317533 | 1870.72 | 59.5 | 12798.19 | 54223 | 248.6053 ng/ml |
| Methamphetamine | 3.251 | 658199 | 1902.86 | 39.8 | 1253.34 | 155664 | 251.9791 ng/ml |
| Metoprolol | 4.346 | 220745 | 9782.55 | 89.7 | 4653.38 | 414437 | 256.8865 ng/ml |
| Mirtazapine | 4.624 | 856817 | 103540.14 | 50.2 | 2682.59 | 204069 | 254.5188 ng/ml |
| Mitragynine | 5.237 | 65118 | 31984.87 | 30.2 | 49817.76 | 54223 | 260.3339 ng/ml |
| Morphine | 1.261 | 93139 | 1243.73 | 21.7 | 469.94 | 7237 | 255.8165 ng/ml |
| Norbuprenorphine | 5.013 | 584 | 41.71 | 106.8 | 1244.88 | 1581 | 21.2399 ng/ml |
| Nordiazepam | 5.900 | 571895 | 3987.67 | 58.0 | 12270.99 | 79859 | 250.5432 ng/ml |
| Norfentanyl | 4.106 | 230927 | 33283.48 | 33.4 | 428.87 | 412025 | 23.1849 ng/ml |
| Norhydrocodone | 3.093 | 40679 | ∞ | 33.3 | 66.45 | 19232 | 268.9129 ng/ml |
| Noroxycodone | 2.943 | 401255 | 8368.55 | 50.8 | 4093.31 | 45431 | 243.5831 ng/ml |
| O-desmethyl-tramadol | 3.396 | 2866982 | 1192.75 | 5.9 | 11164.88 | 643112 | 249.3636 ng/ml |
| Oxazepam | 5.756 | 893482 | 12473.22 | 77.4 | ∞ | 179620 | 252.3595 ng/ml |
| Oxycodone | 2.861 | 1091253 | 890.44 | 28.9 | 9146.79 | 143794 | 254.4526 ng/ml |
| Oxymorphone | 1.418 | 387740 | ∞ | 47.7 | ∞ | 48587 | 249.3769 ng/ml |
| Phentermine | 3.803 | 271805 | 1965.19 | 5.9 | 98.52 | 161322 | 252.2830 ng/ml |
| Promethazine | 5.552 | 228917 | 1267.68 | 34.2 | 1735.05 | 41497 | 251.3610 ng/ml |
| Pseudoephedrine | 2.616 | 2678786 | 22619.29 | 16.0 | 63068.63 | 534025 | 247.1714 ng/ml |
| Quetiapine | 5.548 | 566809 | 90121.31 | 60.1 | 387.71 | 31679 | 246.9793 ng/ml |
| Sertraline | 5.789 | 40458 | 356.82 | 95.3 | 2350.96 | 6246 | 252.0400 ng/ml |
| Temazepam | 5.816 | 1566860 | 6019.73 | 29.4 | 5048.63 | 369311 | 258.2741 ng/ml |
| Tramadol | 4.266 | 2165771 | 64453.16 | 3.5 | 1684.50 | 414437 | 255.8124 ng/ml |
| Trazodone | 5.108 | 486945 | 38804.82 | 76.3 | 1184745.16 | 66105 | 244.8596 ng/ml |
| Venlafaxine | 5.064 | 1301731 | 129946.54 | 34.6 | 475.18 | 300180 | 249.9147 ng/ml |
| Zolpidem | 4.874 | 2772070 | 424575.92 | 30.9 | 4107.93 | 502457 | 253.8194 ng/ml |

AM #28 Multi-Drug Quant. Results

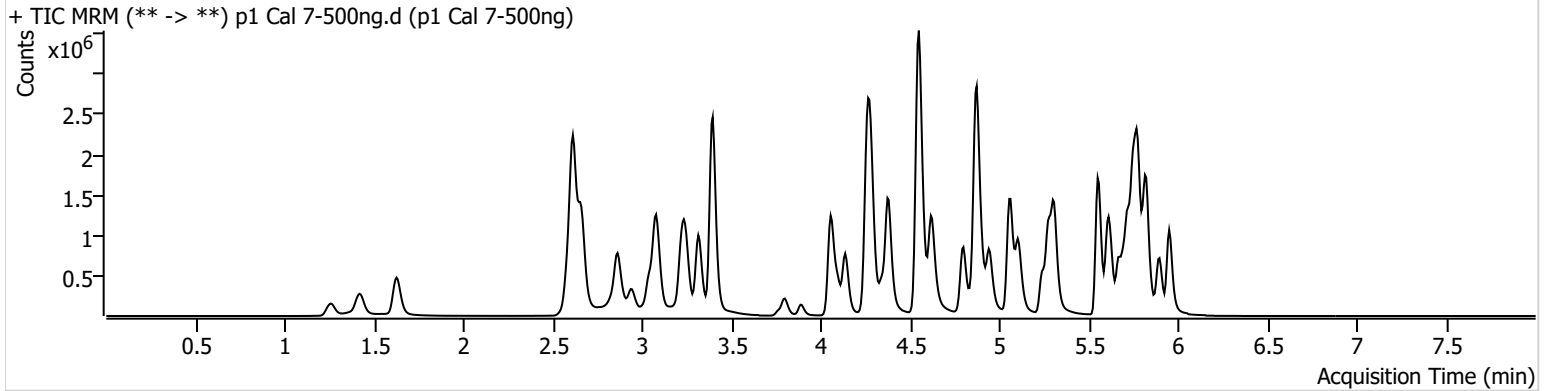
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|------------------------|------------------|------------------|
| Instrument | Falco (069901) | Data File | p1 Cal 7-500ng.d |
| Type | Cal | Sample | p1 Cal 7-500ng |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-G1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 12:07:55 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|-----------|------------|----------------|
| 6-MAM | 3.158 | 48696 | 877.70 | 66.5 | 1191.37 | 24783 | 50.2833 ng/ml |
| 7-aminoclonazepam | 4.258 | 658271 | 16563.13 | 77.3 | 13975.92 | 111862 | 428.7756 ng/ml |
| a-hydroxyalprazolam | 5.692 | 286117 | 1429.05 | 79.9 | 1519.06 | 115118 | 368.8739 ng/ml |
| alpha-PHP | 4.950 | 460294 | 29146.55 | 271.7 | 14381.91 | 190148 | 517.9916 ng/ml |
| alpha-PVP | 4.383 | 2209322 | 46623.13 | 50.5 | 23949.12 | 190148 | 512.6321 ng/ml |
| Alprazolam | 5.775 | 1715638 | 2242.57 | 108.2 | 1792.88 | 115118 | 549.3289 ng/ml |
| Amphetamine | 3.083 | 2450317 | 30997.52 | 41.7 | 26260.20 | 49473 | 488.1252 ng/ml |
| Benzoylecgonine | 3.886 | 159591 | 21625.19 | 8.2 | 3644.81 | 8371 | 515.4902 ng/ml |
| Buprenorphine | 5.785 | 14292 | 1100.01 | 15.6 | 2820.69 | 10751 | 48.4400 ng/ml |
| Bupropion | 4.801 | 1270659 | 103502.35 | 69.7 | 24063.27 | 78027 | 516.3456 ng/ml |
| Carisoprodol | 5.724 | 1076956 | 626485.51 | 51.8 | 8402.16 | 87455 | 494.9546 ng/ml |
| Citalopram | 5.239 | 784345 | 1787.25 | 33.7 | 419.38 | 68596 | 517.3383 ng/ml |
| Clonazepam | 5.612 | 1993174 | 63969.55 | 33.6 | 23308.32 | 54539 | 495.4506 ng/ml |
| Clonazepam | 5.555 | 1064401 | 550555.90 | 31.0 | 321127.36 | 54539 | 468.5459 ng/ml |
| Cocaine | 4.277 | 1849925 | 105569.83 | 56.0 | 768325.63 | 281203 | 496.6562 ng/ml |
| Codeine | 2.600 | 218473 | 4291.58 | 101.5 | 243.64 | 26129 | 465.1765 ng/ml |
| Cyclobenzaprine | 5.635 | 297991 | 31840.39 | 8.7 | 1160.56 | 31486 | 504.1267 ng/ml |
| Dextromethorphan | 5.289 | 322378 | 26672.93 | 82.7 | 562.60 | 34498 | 495.1386 ng/ml |
| Dextrophan | 4.139 | 500190 | ∞ | 221.4 | 53037.04 | 145425 | 515.7048 ng/ml |
| Diazepam | 5.953 | 1137575 | 9080.57 | 91.2 | 17883.65 | 120934 | 500.8335 ng/ml |
| Dihydrocodeine | 2.579 | 765483 | 10259.00 | 60.3 | 835.55 | 106346 | 456.6042 ng/ml |
| Diphenhydramine | 5.309 | 1913469 | 237811.00 | 28.4 | 19224.76 | 201625 | 507.5855 ng/ml |
| Doxylamine | 4.549 | 4984117 | 46239.77 | 98.0 | 10727.52 | 389239 | 519.6172 ng/ml |
| EDDP | 5.275 | 1363356 | 1015.25 | 44.6 | 61115.63 | 164020 | 514.5982 ng/ml |
| Etizolam | 5.813 | 683818 | 10736.77 | 28.3 | 638194.27 | 54539 | 524.4068 ng/ml |
| Fentanyl | 5.109 | 29951 | 4239.93 | 70.6 | 140.10 | 41415 | 51.3874 ng/ml |
| Flualprazolam | 5.705 | 466155 | 17824.92 | 97.5 | 40708.13 | 115118 | 500.4244 ng/ml |
| Fluoxetine | 5.721 | 236180 | 26382.15 | 8.3 | 11190.00 | 14891 | 530.8130 ng/ml |
| Hydrocodone | 3.039 | 954912 | 1785.16 | 30.9 | 1141.12 | 129758 | 470.1763 ng/ml |
| Hydromorphone | 1.628 | 900223 | 1799237.36 | 73.6 | 2071.06 | 58140 | 516.0801 ng/ml |
| Ketamine | 4.059 | 2182937 | 105330.28 | 37.4 | 6347.67 | 186170 | 489.4333 ng/ml |
| Lamotrigine | 4.294 | 157655 | 1270.22 | 91.1 | 7931.51 | 186170 | 433.2283 ng/ml |
| Levetiracetam | 2.663 | 1298338 | 58851.75 | 143.9 | 683.22 | 460412 | 485.0591 ng/ml |

SC



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|------------|-------|-----------|------------|----------------|
| Lorazepam | 5.747 | 862211 | 18721.48 | 46.7 | 1661.43 | 54539 | 233.0636 ng/ml |
| MDA | 3.223 | 1609594 | 15657.31 | 28.5 | 1247.27 | 93006 | 493.2280 ng/ml |
| MDMA | 3.316 | 1385158 | 124238.21 | 85.0 | 2158.92 | 31302 | 514.8154 ng/ml |
| Meprobamate | 4.911 | 609181 | 50848.35 | 25.2 | 20609.05 | 76560 | 506.4299 ng/ml |
| Methadone | 5.666 | 759060 | 1287.52 | 57.4 | 25143.07 | 61026 | 528.3255 ng/ml |
| Methamphetamine | 3.251 | 1245317 | 771.83 | 39.2 | 10754.70 | 149481 | 498.2835 ng/ml |
| Metoprolol | 4.346 | 392956 | 2018899.76 | 92.9 | 4700.84 | 378034 | 502.3579 ng/ml |
| Mirtazapine | 4.624 | 1853339 | 4437.59 | 50.3 | 30025.45 | 190148 | 590.6764 ng/ml |
| Mitragynine | 5.237 | 146875 | 10293.33 | 32.9 | 96911.16 | 61026 | 522.6061 ng/ml |
| Morphine | 1.261 | 176572 | 942.14 | 21.1 | 231.28 | 6833 | 514.8003 ng/ml |
| Norbuprenorphine | 5.013 | 1444 | 2122.05 | 97.3 | 676.18 | 1568 | 55.1359 ng/ml |
| Nordiazepam | 5.900 | 930572 | 19437.65 | 57.7 | 708.01 | 64592 | 505.0627 ng/ml |
| Norfentanyl | 4.099 | 462913 | 119806.79 | 33.4 | 347.94 | 386947 | 49.4027 ng/ml |
| Norhydrocodone | 3.093 | 74160 | 392.70 | 34.8 | 155.64 | 13888 | 678.5084 ng/ml |
| Noroxycodone | 2.943 | 658932 | 1973.36 | 51.4 | 322.07 | 37280 | 487.9583 ng/ml |
| O-desmethyl-tramadol | 3.396 | 5351904 | 28211.17 | 5.9 | 19142.49 | 584902 | 512.5776 ng/ml |
| Oxazepam | 5.756 | 1108664 | 13605.15 | 77.9 | 27401.08 | 116635 | 483.2056 ng/ml |
| Oxycodone | 2.861 | 2072481 | 1086.85 | 28.6 | 14236.72 | 138001 | 504.6712 ng/ml |
| Oxymorphone | 1.418 | 702485 | ∞ | 45.8 | ∞ | 44810 | 491.0917 ng/ml |
| Phentermine | 3.803 | 514725 | 3482.13 | 5.7 | 316.17 | 155243 | 497.6012 ng/ml |
| Promethazine | 5.552 | 593757 | 5923.91 | 33.9 | 587.44 | 51862 | 522.2938 ng/ml |
| Pseudoephedrine | 2.616 | 4801468 | 88803.26 | 15.7 | 72216.09 | 460412 | 514.2442 ng/ml |
| Quetiapine | 5.548 | 1195928 | 163074.72 | 62.0 | 558.37 | 34065 | 485.8482 ng/ml |
| Sertraline | 5.789 | 102748 | 13355.58 | 89.7 | 4226.84 | 7992 | 500.2599 ng/ml |
| Temazepam | 5.823 | 2189486 | 90895.39 | 29.5 | 5495.40 | 262648 | 508.3856 ng/ml |
| Tramadol | 4.259 | 3917548 | 172096.04 | 3.5 | 394.36 | 378034 | 508.1555 ng/ml |
| Trazodone | 5.101 | 1175384 | 741.89 | 77.5 | 100243.01 | 75709 | 515.5959 ng/ml |
| Venlafaxine | 5.057 | 2559087 | 111306.98 | 33.7 | 2362.76 | 282501 | 522.7191 ng/ml |
| Zolpidem | 4.874 | 5545431 | 1504.23 | 29.2 | 99365.99 | 501096 | 510.2166 ng/ml |

AM #28 Multi-Drug Quant. Results

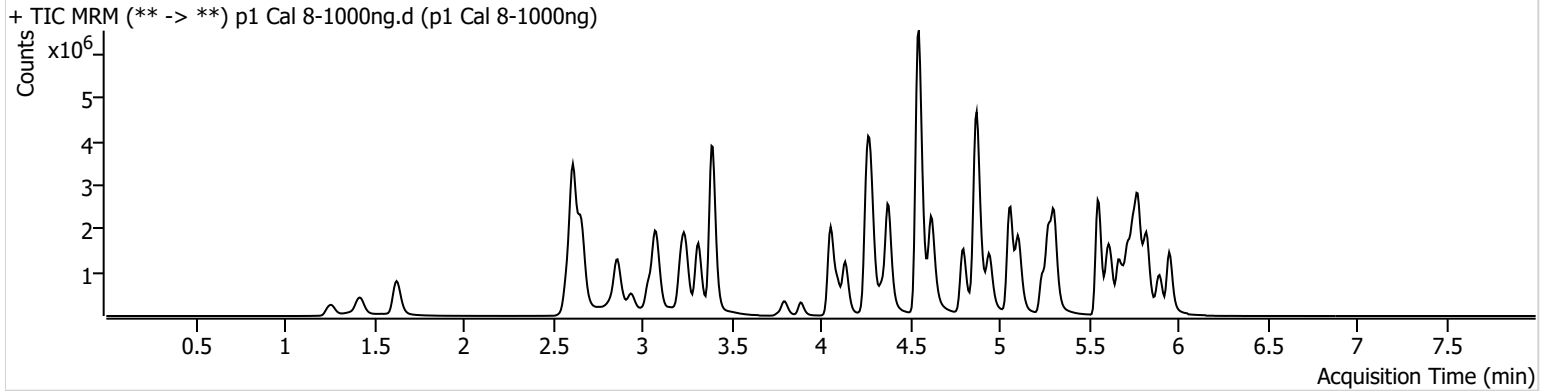
SC



Batch results D:\MassHunter\Data\2021\AM 27-28\102521 AM 27 28 SC\QuantResults\AM 28 P1.batch.bin
Calibration Last Update 10/26/2021 11:07:02 AM

| | | | |
|-------------------------|------------------------|------------------|-------------------|
| Instrument | Falco (069901) | Data File | p1 Cal 8-1000ng.d |
| Type | Cal | Sample | p1 Cal 8-1000ng |
| Acq. Method | AM 28 MDQ P1.m | Operator | Sarah Collins |
| Sample Position | P2-H1 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 10/26/2021 12:18:30 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|------------|------------|-----------------|
| 6-MAM | 3.151 | 95237 | 234048.64 | 64.8 | 1227.81 | 24092 | 101.2252 ng/ml |
| 7-aminoclonazepam | 4.251 | 922566 | 775.93 | 76.2 | 16363.65 | 97596 | 689.5339 ng/ml |
| a-hydroxyalprazolam | 5.692 | 341030 | 109.92 | 75.2 | 263.35 | 87857 | 576.8259 ng/ml |
| alpha-PHP | 4.950 | 812437 | 26123.31 | 271.8 | 204789.11 | 174761 | 994.5091 ng/ml |
| alpha-PVP | 4.383 | 4033486 | 105375.23 | 50.7 | 61906.29 | 174761 | 1019.1205 ng/ml |
| Alprazolam | 5.775 | 2488714 | 1173.14 | 108.7 | 733.56 | 87857 | 1043.8502 ng/ml |
| Amphetamine | 3.083 | 3996284 | 63414.61 | 41.7 | 28093.36 | 48148 | 819.0665 ng/ml |
| Benzoylecgonine | 3.886 | 358100 | 1301.60 | 8.0 | 116054.61 | 9737 | 995.4016 ng/ml |
| Buprenorphine | 5.785 | 22941 | 9742.78 | 13.9 | 14534.36 | 8306 | 100.5899 ng/ml |
| Bupropion | 4.801 | 2322783 | 187955.90 | 69.6 | 35484.33 | 75045 | 982.1171 ng/ml |
| Carisoprodol | 5.724 | 1425886 | ∞ | 51.2 | 6250.15 | 56232 | 1019.3852 ng/ml |
| Citalopram | 5.239 | 1397117 | 137794.81 | 34.4 | 25859.70 | 62023 | 1019.7261 ng/ml |
| Clonazepam | 5.612 | 2765834 | 72562.20 | 33.5 | 29943.78 | 42374 | 885.8873 ng/ml |
| Clonazepam | 5.555 | 1413600 | 761840.21 | 31.4 | 683429.12 | 42374 | 802.1039 ng/ml |
| Cocaine | 4.277 | 3120079 | 95725.29 | 55.3 | 37405.15 | 240238 | 981.6176 ng/ml |
| Codeine | 2.600 | 310250 | 547.49 | 103.6 | 312.07 | 23555 | 733.5142 ng/ml |
| Cyclobenzaprine | 5.635 | 521817 | 303085.12 | 8.7 | 3271.13 | 27116 | 1023.9176 ng/ml |
| Dextromethorphan | 5.289 | 541289 | 35987.94 | 81.3 | 36937.01 | 29749 | 964.8638 ng/ml |
| Dextrophan | 4.139 | 848659 | 1679.68 | 218.6 | 13459.48 | 122621 | 1038.4878 ng/ml |
| Diazepam | 5.953 | 1717827 | 45946.15 | 90.4 | 25546.81 | 96542 | 948.1547 ng/ml |
| Dihydrocodeine | 2.579 | 1268338 | 38686.00 | 61.2 | 18942.34 | 103992 | 774.5066 ng/ml |
| Diphenhydramine | 5.309 | 3452650 | 6262.63 | 28.2 | 34937.81 | 181844 | 1016.0662 ng/ml |
| Doxylamine | 4.549 | 9365342 | 188209.38 | 97.8 | 6066.21 | 370225 | 1027.0569 ng/ml |
| EDDP | 5.275 | 2591570 | 123051.79 | 44.4 | 1091.84 | 158706 | 1011.7931 ng/ml |
| Etizolam | 5.813 | 1025959 | 2372.44 | 29.0 | 110978.48 | 42374 | 1013.4735 ng/ml |
| Fentanyl | 5.109 | 52769 | 164.04 | 74.8 | 91.00 | 37124 | 100.9347 ng/ml |
| Flualprazolam | 5.705 | 637102 | 7781.74 | 103.6 | 148404.91 | 87857 | 896.8548 ng/ml |
| Fluoxetine | 5.727 | 326463 | 25759.59 | 7.8 | 1080.05 | 10793 | 1013.0555 ng/ml |
| Hydrocodone | 3.039 | 1667648 | 6060.69 | 30.7 | 517.10 | 119118 | 895.8427 ng/ml |
| Hydromorphone | 1.628 | 1601550 | 4065502.62 | 73.4 | 3832060.84 | 54045 | 988.4166 ng/ml |
| Ketamine | 4.059 | 3906397 | 320410.01 | 36.3 | 21008.26 | 180400 | 904.8858 ng/ml |
| Lamotrigine | 4.301 | 232521 | 12108.30 | 91.9 | 64667.76 | 180400 | 660.4332 ng/ml |
| Levetiracetam | 2.663 | 2187986 | 1383.53 | 145.1 | 2179.02 | 369409 | 1020.3380 ng/ml |

SC

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|-----------|------------|-----------------|
| Lorazepam | 5.747 | 869755 | 54188.82 | 47.3 | 10176.76 | 42374 | 303.0635 ng/ml |
| MDA | 3.223 | 2352776 | 40068.30 | 27.6 | 7136.32 | 78524 | 854.9791 ng/ml |
| MDMA | 3.316 | 2315369 | 16963.98 | 85.6 | 805.59 | 28146 | 957.6629 ng/ml |
| Meprobamate | 4.911 | 870071 | 31992.95 | 24.7 | 21899.50 | 54761 | 1012.0807 ng/ml |
| Methadone | 5.666 | 1412443 | 32922.04 | 57.9 | 35150.10 | 58029 | 1034.1273 ng/ml |
| Methamphetamine | 3.244 | 2302709 | 2723.71 | 39.1 | 650.96 | 148946 | 926.2876 ng/ml |
| Metoprolol | 4.346 | 635674 | 4311.76 | 94.1 | 77561.47 | 345075 | 891.1060 ng/ml |
| Mirtazapine | 4.617 | 3531686 | 141078.74 | 49.1 | 125427.67 | 174761 | 1224.5503 ng/ml |
| Mitragynine | 5.237 | 260153 | 741.79 | 33.7 | 39073.53 | 58029 | 974.2465 ng/ml |
| Morphine | 1.261 | 311168 | ∞ | 21.5 | 2049.63 | 6554 | 946.7548 ng/ml |
| Norbuprenorphine | 5.013 | 2530 | 113.69 | 96.7 | 168.64 | 1607 | 95.2792 ng/ml |
| Nordiazepam | 5.900 | 1291388 | 1192.73 | 57.0 | 1261.02 | 48264 | 938.8905 ng/ml |
| Norfentanyl | 4.099 | 879568 | 119718.89 | 33.6 | 2487.10 | 348884 | 104.0262 ng/ml |
| Norhydrocodone | 3.093 | 142544 | 1060.97 | 36.4 | 80.57 | 13506 | 1340.8818 ng/ml |
| Noroxycodone | 2.936 | 1019780 | 1716.01 | 51.6 | 1456.58 | 26701 | 1054.9389 ng/ml |
| O-desmethyl-tramadol | 3.396 | 9308971 | 8431.73 | 5.9 | 27761.26 | 517438 | 1008.4989 ng/ml |
| Oxazepam | 5.749 | 1108213 | 12614.66 | 77.1 | ∞ | 63381 | 889.7350 ng/ml |
| Oxycodone | 2.861 | 3718012 | ∞ | 28.8 | 1472.78 | 135143 | 925.4836 ng/ml |
| Oxymorphone | 1.418 | 1168189 | 314.14 | 46.2 | 1145.42 | 39024 | 938.8626 ng/ml |
| Phentermine | 3.803 | 862402 | ∞ | 5.4 | 3217.72 | 149007 | 869.4803 ng/ml |
| Promethazine | 5.552 | 1030032 | 684.55 | 33.9 | 1560.24 | 46248 | 1016.5862 ng/ml |
| Pseudoephedrine | 2.616 | 8114479 | 98389.76 | 15.4 | 1039.93 | 369409 | 1083.5569 ng/ml |
| Quetiapine | 5.548 | 2187043 | 66817.13 | 61.5 | 710909.39 | 33088 | 915.8390 ng/ml |
| Sertraline | 5.789 | 137426 | 9515.51 | 91.9 | 668.40 | 5967 | 896.1191 ng/ml |
| Temazepam | 5.823 | 2461962 | 54045.13 | 29.1 | 6186.12 | 153037 | 981.9785 ng/ml |
| Tramadol | 4.259 | 6601964 | 282062.47 | 3.4 | ∞ | 345075 | 938.9014 ng/ml |
| Trazodone | 5.108 | 2307140 | 2601.53 | 79.4 | 183300.57 | 68261 | 1121.9824 ng/ml |
| Venlafaxine | 5.064 | 4684452 | 70326.15 | 33.0 | 24460.89 | 262174 | 1031.6274 ng/ml |
| Zolpidem | 4.874 | 9652809 | 1357.62 | 28.9 | 150065.93 | 480534 | 927.0010 ng/ml |