


















REVIEWED
By Sarah Pickle at 2:36 pm, Jul 28, 2020

7/23/2020

15

Worklist: 4384

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|---|
| M2020-2515 | 3 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2020-2575 | 3 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| M2020-2602 | 5 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-1246 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-1529 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-1979 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-1980 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-1983 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2025 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2026 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2027 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2029 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2040 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2055 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2057 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2059 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| P2020-2072 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |

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

TS

Extraction Date: 07/23/2020
Plate lot#: Item #:IDP-111-2 Lot:200513

Analyst: Tamara Salazar
Plate Expiration: 11/13/2020

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

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

Blank Blood Lot: 445283-4

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

LCMS-QQQ ID: 069901

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 **250µL blood (calibrated pipette) Pipette ID: 42** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL 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 **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 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 **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? 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: Amphetamine 5-250, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-500, Norhydrocodone 5-500, Trazodone 5-500, Mirtazepine not evaluated.*

B

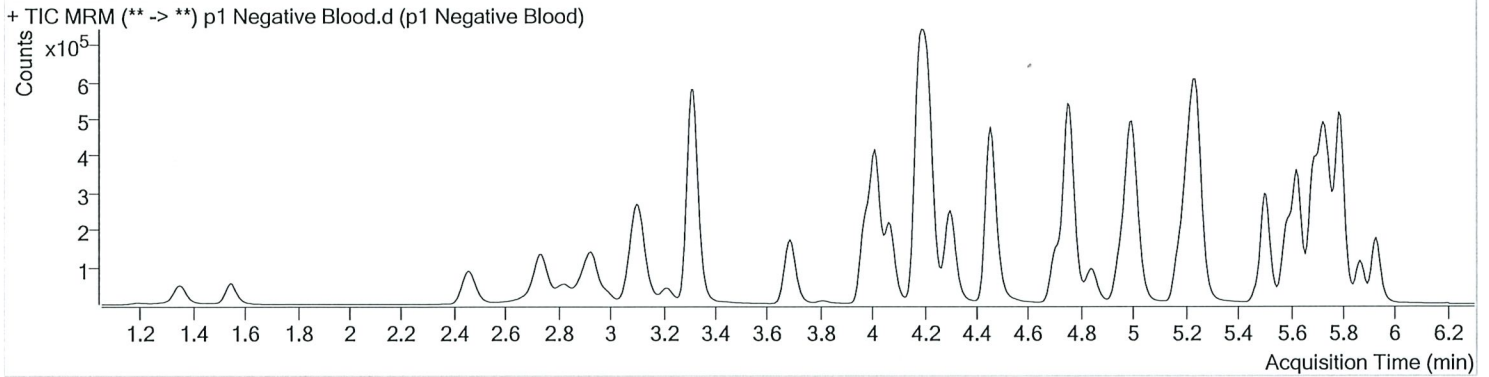


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|---------------------|
| Instrument | Falco | Data File | p1 Negative Blood.d |
| Type | Sample | Sample | p1 Negative Blood |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-F4 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 6:00:45 AM | | |
| Sample Info. | | | |

Sample Chromatogram



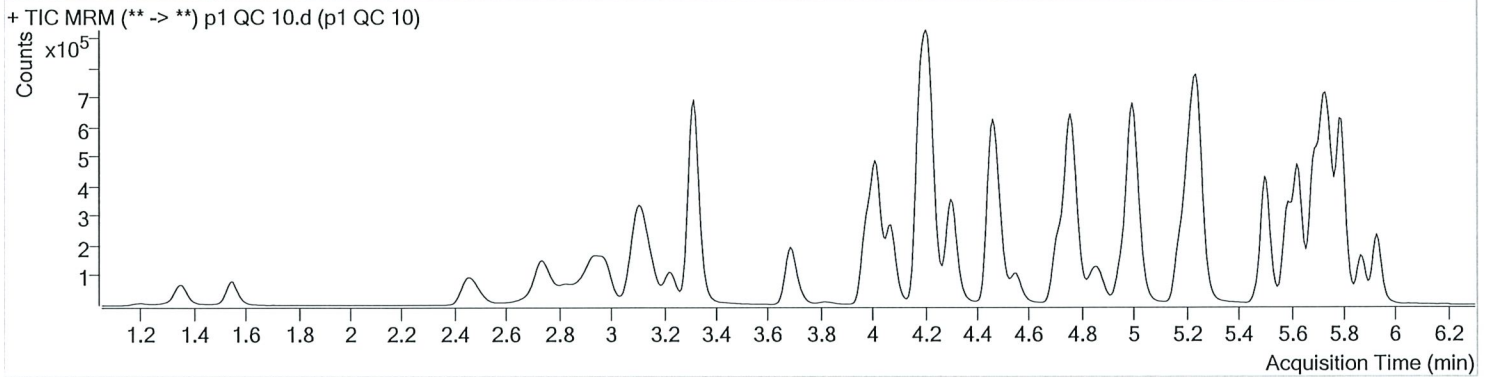
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco Data File p1 QC 10.d
 Type QC Sample p1 QC 10
 Acq. Method MDQ P1 060520.m Operator Tamara Salazar
 Sample Position P1-A4 Comment
 Injection Volume 2
 Acq. Date-Time 7/24/2020 4:25:24 AM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|-------|----------|------------|---------------|
| 6-MAM | 3.079 | 3460 | 297.56 | 73.9 | 260.86 | 73002 | 0.9958 ng/ml |
| 7-aminoclonazepam | 4.216 | 75957 | 290.42 | 83.7 | 193.08 | 276634 | 9.9982 ng/ml |
| a-hydroxyalprazolam | 5.674 | 32798 | 592.99 | 63.0 | 707.45 | 77758 | 9.9953 ng/ml |
| alpha-PHP | 4.875 | 38881 | ∞ | 269.9 | ∞ | 732096 | 10.9257 ng/ml |
| alpha-PVP | 4.308 | 170554 | 2511.60 | 51.9 | 668.78 | 732096 | 10.1987 ng/ml |
| Alprazolam | 5.751 | 116030 | 2242.40 | 106.3 | 484.81 | 333946 | 10.0901 ng/ml |
| Amphetamine | 2.977 | 245268 | 3885.08 | 51.6 | ∞ | 257374 | 10.1023 ng/ml |
| Benzoylcegonine | 3.838 | 5839 | 112.66 | 7.0 | 32.97 | 19400 | 10.5053 ng/ml |
| Buprenorphine | 5.647 | 4356 | 94.41 | 15.1 | 48.47 | 168650 | 1.0757 ng/ml |
| Bupropion | 4.726 | 160564 | 882.16 | 59.8 | 876.51 | 517756 | 10.1187 ng/ml |
| Carisoprodol | 5.700 | 108653 | 634.42 | 53.2 | 281.26 | 508197 | 10.0783 ng/ml |
| Citalopram | 5.176 | 97186 | 2470.98 | 42.2 | 2283.93 | 422438 | 10.4307 ng/ml |
| Clonazepam | 5.588 | 150936 | 3104.40 | 33.7 | 1496.73 | 173779 | 10.0228 ng/ml |
| Cocaine | 4.216 | 178632 | 13224.14 | 44.9 | 4734.65 | 1292211 | 10.3178 ng/ml |
| Codeine | 2.509 | 18139 | 192.11 | 103.1 | 465.67 | 83490 | 9.9062 ng/ml |
| Cyclobenzaprine | 5.592 | 83576 | 15276.99 | 9.6 | 373.18 | 292790 | 11.1899 ng/ml |
| Dextromethorphan | 5.219 | 54829 | 701.11 | 78.2 | 229.08 | 243586 | 10.3769 ng/ml |
| Dextrorphan | 4.070 | 43376 | 2175.53 | 210.9 | 2137.68 | 547521 | 10.1997 ng/ml |
| Diazepam | 5.936 | 85122 | 1650.00 | 88.2 | 646.04 | 400506 | 10.1189 ng/ml |
| Dihydrocodeine | 2.481 | 46689 | 1228.01 | 63.6 | 455.56 | 247509 | 10.0836 ng/ml |
| Diphenhydramine | 5.247 | 226756 | 1577.66 | 32.9 | 1612.85 | 1461839 | 10.7635 ng/ml |
| Doxylamine | 4.474 | 358699 | 4780.92 | 97.6 | ∞ | 1468983 | 10.0186 ng/ml |
| EDDP | 5.211 | 136252 | 624.20 | 43.6 | 2161.40 | 711618 | 9.9750 ng/ml |
| Fentanyl | 5.026 | 7948 | 317.32 | 67.1 | 12630.30 | 333274 | 1.0170 ng/ml |
| Fluoxetine | 5.690 | 103698 | 1705.12 | 8.9 | 13931.88 | 370244 | 11.6581 ng/ml |
| Hydrocodone | 2.959 | 65756 | 217.62 | 36.7 | 197.36 | 382871 | 10.9381 ng/ml |
| Hydromorphone | 1.553 | 51685 | 411.31 | 77.0 | 1489.32 | 169438 | 9.6858 ng/ml |
| Ketamine | 3.990 | 147346 | 971.76 | 38.9 | 634.33 | 627539 | 10.1732 ng/ml |
| Lamotrigine | 4.226 | 12986 | 665.19 | 84.2 | 864.37 | 627539 | 10.5967 ng/ml |
| Lorazepam | 5.722 | 128743 | 513.22 | 56.3 | ∞ | 173779 | 10.5054 ng/ml |
| MDA | 3.137 | 194808 | 2769.84 | 20.4 | 626.21 | 413769 | 10.7053 ng/ml |
| MDMA | 3.231 | 131559 | 2122.97 | 64.6 | 2887.16 | 122796 | 10.2452 ng/ml |
| Meprobamate | 4.869 | 49347 | 556.01 | 26.1 | 306.75 | 257208 | 10.0914 ng/ml |

AM #28 Multi-Drug Quant. Results



TS

7-28-20
TS

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|---------|------------|---------------|
| Methadone | 5.629 | 155163 | 4633.46 | 50.8 | 2197.63 | 682723 | 10.7344 ng/ml |
| Methamphetamine | 3.165 | 147759 | 949.54 | 41.6 | 372.62 | 634536 | 10.8894 ng/ml |
| Metoprolol | 4.278 | 26528 | 4914.93 | 100.0 | 1361.16 | 1653342 | 10.0867 ng/ml |
| Mirtazapine | 4.549 | 171543 | 3736.87 | 49.2 | 1792.10 | 732096 | 10.4102 ng/ml |
| Mitragynine | 5.161 | 33734 | 97440.21 | 36.7 | ∞ | 682723 | 11.2140 ng/ml |
| Morphine | 1.206 | 8392 | 394.44 | 24.5 | 157.02 | 9363 | 10.1423 ng/ml |
| Norbuprenorphine | 4.937 | 533 | 17.36 | 83.0 | 47.55 | 17314 | 1.2408 ng/ml |
| Nordiazepam | 5.876 | 82052 | 627.82 | 58.4 | 3602.89 | 257743 | 10.2141 ng/ml |
| Norfentanyl | 4.037 | 25848 | 546.28 | 36.8 | 71.13 | 1167227 | 0.9850 ng/ml |
| Norhydrocodone | 3.007 | 6518 | 69.00 | 42.0 | 97.10 | 67502 | 9.8441 ng/ml |
| Noroxycodone | 2.852 | 57658 | 337.17 | 47.3 | 221.74 | 189353 | 10.4405 ng/ml |
| O-desmethyl-tramadol | 3.323 | 336009 | 3237.24 | 6.0 | 329.51 | 1733574 | 10.0714 ng/ml |
| Oxazepam | 5.732 | 146602 | 748.38 | 70.5 | 791.33 | 855412 | 10.2453 ng/ml |
| Oxycodone | 2.762 | 134558 | 1272.07 | 30.3 | 556.33 | 562395 | 10.0929 ng/ml |
| Oxymorphone | 1.356 | 52806 | 740.75 | 47.7 | 891.16 | 188848 | 9.9198 ng/ml |
| Phentermine | 3.723 | 47332 | 2479.32 | 3.2 | 24.16 | 593263 | 10.6881 ng/ml |
| Promethazine | 5.508 | 181099 | 671.93 | 30.7 | 538.92 | 715536 | 11.3281 ng/ml |
| Quetiapine | 5.485 | 95062 | 6050.56 | 59.9 | ∞ | 120228 | 10.3840 ng/ml |
| Sertraline | 5.751 | 56123 | 2442.83 | 92.3 | 1102.43 | 198451 | 11.5710 ng/ml |
| Temazepam | 5.799 | 236331 | 995.67 | 30.4 | 268.65 | 1137986 | 9.8551 ng/ml |
| Tramadol | 4.197 | 324034 | 4052.26 | 3.4 | 111.86 | 1653342 | 9.9289 ng/ml |
| Trazodone | 4.999 | 116419 | 1457.40 | 78.4 | 1156.14 | 460523 | 10.6253 ng/ml |
| Venlafaxine | 4.994 | 248190 | 2115.46 | 37.8 | 3147.78 | 1219604 | 10.8076 ng/ml |
| Zolpidem | 4.777 | 335879 | 10452.05 | 30.9 | 4199.10 | 1554296 | 10.1699 ng/ml |

** Compound not evaluated. 7-28-20 - TS

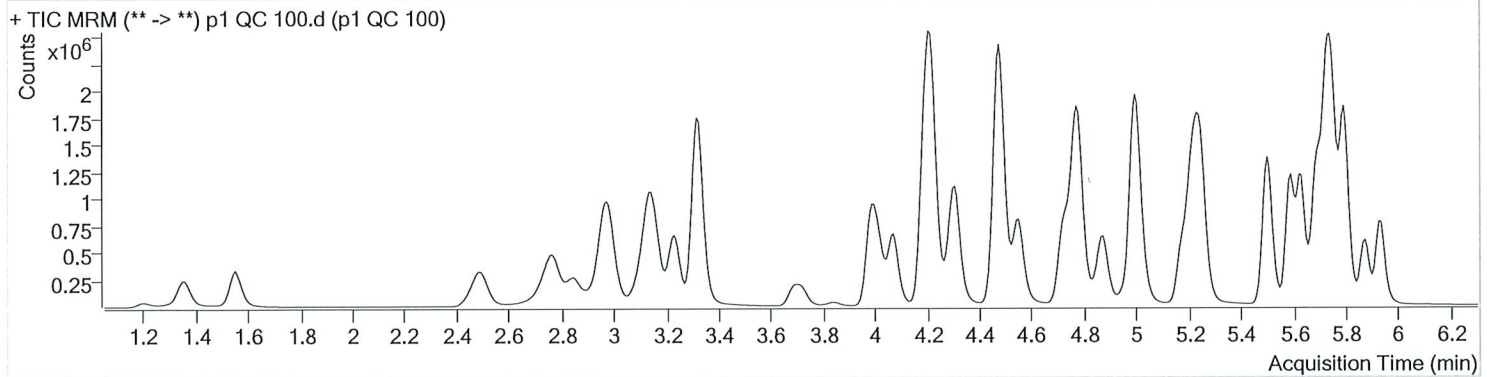
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|----------------|
| Instrument | Falco | Data File | p1 QC 100.d |
| Type | QC | Sample | p1 QC 100 |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-B4 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 4:46:36 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 35287 | 27729.47 | 71.4 | 2227.62 | 70509 | 10.6814 ng/ml |
| 7-aminoclonazepam | 4.216 | 676352 | 25178.55 | 81.4 | 26023.85 | 239219 | 108.3287 ng/ml |
| a-hydroxyalprazolam | 5.668 | 311208 | 13055.32 | 60.2 | 920.07 | 72537 | 105.0226 ng/ml |
| alpha-PHP | 4.875 | 335693 | 5119.34 | 267.0 | 29031.82 | 640480 | 112.9817 ng/ml |
| alpha-PVP | 4.309 | 1566641 | 4132.24 | 50.8 | 8653.44 | 640480 | 101.0235 ng/ml |
| Alprazolam | 5.751 | 1086533 | 3337.49 | 107.6 | 9834.11 | 290660 | 104.1928 ng/ml |
| Amphetamine | 2.983 | 1942534 | 29259.93 | 51.9 | 10797.96 | 212436 | 102.1833 ng/ml |
| Benzoylcegonine | 3.838 | 58820 | 511.50 | 7.7 | 202.35 | 19704 | 100.0042 ng/ml |
| Buprenorphine | 5.647 | 34564 | 1451.47 | 15.5 | 207.74 | 132663 | 10.7278 ng/ml |
| Bupropion | 4.726 | 1233716 | 13079.31 | 60.2 | 3165.30 | 392957 | 104.5587 ng/ml |
| Carisoprodol | 5.700 | 978951 | 219958.25 | 54.8 | 961.04 | 442288 | 105.6090 ng/ml |
| Citalopram | 5.176 | 776748 | 2219.79 | 43.1 | 657.07 | 333066 | 102.6459 ng/ml |
| Clonazepam | 5.581 | 1415573 | 1242.01 | 32.9 | 16963.28 | 162050 | 107.3572 ng/ml |
| Cocaine | 4.216 | 1633737 | 114471.46 | 44.4 | 131079.39 | 1125528 | 103.6901 ng/ml |
| Codeine | 2.509 | 177163 | 230.72 | 104.8 | 657.29 | 79070 | 105.8361 ng/ml |
| Cyclobenzaprine | 5.592 | 650991 | 53213.95 | 9.8 | 2475.24 | 234387 | 107.3144 ng/ml |
| Dextromethorphan | 5.219 | 443824 | 17963.53 | 78.5 | 1336.22 | 193622 | 105.9736 ng/ml |
| Dextrophan | 4.070 | 402214 | 1657.12 | 213.4 | 121228.21 | 492981 | 102.5572 ng/ml |
| Diazepam | 5.936 | 830508 | 1136.33 | 87.4 | 10704.67 | 371795 | 106.9946 ng/ml |
| Dihydrocodeine | 2.488 | 472800 | 3606.90 | 63.8 | 1461.27 | 245261 | 109.6783 ng/ml |
| Diphenhydramine | 5.247 | 1842124 | 57507.14 | 32.9 | 7685.06 | 1175290 | 101.8820 ng/ml |
| Doxylamine | 4.474 | 3301651 | 113319.73 | 97.9 | 96929.37 | 1303090 | 105.3369 ng/ml |
| EDDP | 5.211 | 1289106 | 1879.41 | 42.8 | 1388.28 | 655218 | 102.5790 ng/ml |
| Fentanyl | 5.026 | 63229 | 3658.65 | 69.7 | ∞ | 271775 | 9.8533 ng/ml |
| Fluoxetine | 5.690 | 760827 | 2713.50 | 8.8 | 3774.57 | 291707 | 102.4641 ng/ml |
| Hydrocodone | 2.959 | 614790 | ∞ | 38.1 | ∞ | 362880 | 111.7804 ng/ml |
| Hydromorphone | 1.553 | 518022 | ∞ | 78.2 | ∞ | 161664 | 102.2684 ng/ml |
| Ketamine | 3.990 | 1406150 | 42507.53 | 39.2 | 1927.81 | 593113 | 106.6760 ng/ml |
| Lamotrigine | 4.226 | 115288 | 2711.80 | 82.3 | ∞ | 593113 | 107.3472 ng/ml |
| Lorazepam | 5.722 | 1022522 | 1612.89 | 56.2 | 5157.49 | 162050 | 96.7605 ng/ml |
| MDA | 3.137 | 1604624 | 73157.17 | 20.6 | 2846.29 | 342216 | 114.0816 ng/ml |
| MDMA | 3.231 | 1181292 | 521423.86 | 65.1 | 7518.55 | 107461 | 105.1611 ng/ml |
| Meprobamate | 4.869 | 467175 | 1759.36 | 26.3 | 855.22 | 238803 | 107.7304 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|------------------|--------------------|--------------|-----------------|----------------------|-------------------|--------------------------|
| Methadone | 5.629 | 1267936 | 4574.65 | 51.0 | 14787.35 | 557689 | 101.4129 ng/ml |
| Methamphetamine | 3.158 | 1148796 | 3295.29 | 41.8 | 2416.51 | 508627 | 115.9632 ng/ml |
| Metoprolol | 4.278 | 254510 | 141301.10 | 94.5 | ∞ | 1538856 | 110.5488 ng/ml |
| Mirtazapine | 4.549 | 1424909 | ∞ | 49.2 | 297066.33 | 640480 | 94.3108 ng/ml |
| Mitragynine | 5.161 | 264306 | 27162.36 | 38.3 | 23716.74 | 557689 | 109.3221 ng/ml |
| Morphine | 1.206 | 86552 | 4810.85 | 22.1 | 701.15 | 9455 | 101.7193 ng/ml |
| Norbuprenorphine | 4.944 | 3618 | 224.09 | 83.7 | 2670.07 | 14791 | 10.2770 ng/ml |
| Nordiazepam | 5.876 | 771068 | 1218.43 | 58.6 | 2688.61 | 233818 | 107.9768 ng/ml |
| Norfentanyl | 4.037 | 237424 | 8757.21 | 37.2 | 4451.20 | 1022977 | 10.0550 ng/ml |
| Norhydrocodone | 3.014 | 58923 | 633.74 | 42.3 | 94.37 | 53937 | 105.2663 ng/ml |
| Noroxycodone | 2.845 | 556694 | 3040.79 | 48.0 | 2723.34 | 175709 | 109.6425 ng/ml |
| O-desmethyl-tramadol | 3.323 | 3437066 | 8109.27 | 6.0 | 5115.07 | 1691804 | 104.4156 ng/ml |
| Oxazepam | 5.732 | 1242710 | 9579.31 | 72.8 | ∞ | 702637 | 109.7318 ng/ml |
| Oxycodone | 2.762 | 1349606 | 3836.02 | 30.7 | 6678.76 | 550578 | 106.2569 ng/ml |
| Oxymorphone | 1.356 | 519487 | ∞ | 47.2 | 1301.93 | 177546 | 107.3704 ng/ml |
| Phentermine | 3.723 | 395749 | ∞ | 3.3 | 430.94 | 494035 | 113.8289 ng/ml |
| Promethazine | 5.509 | 1436806 | 30671.09 | 30.2 | 8466.35 | 596455 | 99.5860 ng/ml |
| Quetiapine | 5.485 | 794783 | 56555.32 | 59.5 | 16176.28 | 99285 | 106.8937 ng/ml |
| Sertraline | 5.752 | 396804 | 8909.66 | 92.7 | 796.23 | 152522 | 103.3135 ng/ml |
| Temazepam | 5.793 | 2361884 | 1833.19 | 29.8 | 3705.41 | 1095211 | 101.5598 ng/ml |
| Tramadol | 4.197 | 3056357 | 10723.53 | 3.4 | 1309.96 | 1538856 | 104.3408 ng/ml |
| Trazodone | 4.999 | 909472 | 48398.78 | 78.8 | 103168.75 | 379891 | 104.5725 ng/ml |
| Venlafaxine | 4.994 | 2228424 | 19795.57 | 36.6 | 2289.65 | 1058846 | 106.0939 ng/ml |
| Zolpidem | 4.777 | 3378205 | 11395.71 | 30.4 | 31688.09 | 1501966 | 107.0262 ng/ml |

**Compound not evaluated. - 7-28-20 TS

15

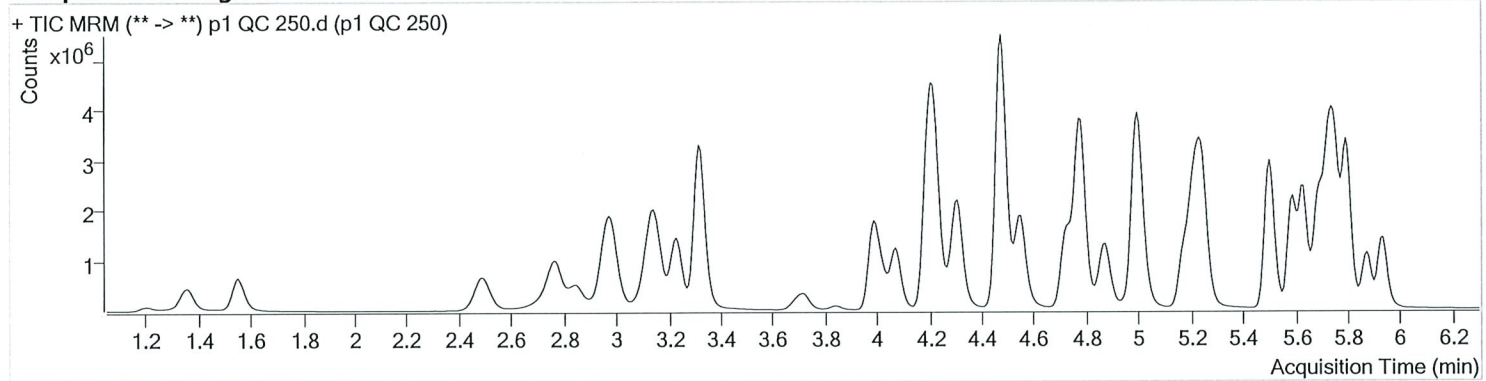


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method MDQ P1 060520.m **Operator** Tamara Salazar
Sample Position P1-C4 **Comment**
Injection Volume 2
Acq. Date-Time 7/24/2020 5:07:47 AM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 84651 | 69197.13 | 72.0 | 9844.99 | 70684 | 25.5847 ng/ml |
| 7-aminoclonazepam | 4.216 | 1239226 | 19411.66 | 83.0 | 9012.05 | 188898 | 252.1197 ng/ml |
| a-hydroxyalprazolam | 5.668 | 628573 | 1511.04 | 61.7 | 3171.63 | 63714 | 241.9705 ng/ml |
| alpha-PHP | 4.875 | 759125 | 4803.10 | 264.5 | 49226.61 | 599191 | 273.9224 ng/ml |
| alpha-PVP | 4.308 | 3515984 | 4401.33 | 50.8 | 121999.26 | 599191 | 241.4561 ng/ml |
| Alprazolam | 5.751 | 2242732 | 2853.21 | 106.0 | 2301.48 | 242326 | 257.3027 ng/ml |
| Amphetamine | 2.983 | 3955934 | 39654.73 | 51.3 | 28419.78 | 199889 | 221.8675 ng/ml |
| Benzoylcegonine | 3.838 | 146549 | 20285.03 | 7.7 | 3692.24 | 18869 | 259.4408 ng/ml |
| Buprenorphine | 5.647 | 79151 | 1601.65 | 16.6 | 633.94 | 125540 | 25.9411 ng/ml |
| Bupropion | 4.726 | 2754972 | 2620.57 | 59.7 | 1768.96 | 364660 | 251.9315 ng/ml |
| Carisoprodol | 5.700 | 1891099 | 1530.95 | 54.4 | 707.91 | 368653 | 244.9398 ng/ml |
| Citalopram | 5.176 | 1837747 | ∞ | 42.7 | 1765.66 | 322739 | 250.1380 ng/ml |
| Clonazepam | 5.581 | 2866407 | 104829.64 | 33.3 | 21536.36 | 144616 | 244.5123 ng/ml |
| Cocaine | 4.216 | 3603121 | 428388.47 | 44.2 | 88855.87 | 1016803 | 252.4306 ng/ml |
| Codeine | 2.509 | 383651 | 665.05 | 104.3 | 1407.81 | 72496 | 250.5119 ng/ml |
| Cyclobenzaprine | 5.592 | 1546686 | 79130.06 | 9.8 | 1226.17 | 231988 | 257.3543 ng/ml |
| Dextromethorphan | 5.219 | 985648 | 1621.44 | 78.9 | 8248.96 | 181293 | 251.3966 ng/ml |
| Dextrophan | 4.070 | 902712 | 2419.91 | 212.9 | 2833.38 | 462698 | 244.8675 ng/ml |
| Diazepam | 5.936 | 1779925 | 9063.40 | 86.2 | ∞ | 333565 | 255.6839 ng/ml |
| Dihydrocodeine | 2.488 | 1060653 | 15795.20 | 64.9 | 3369.76 | 241986 | 250.2927 ng/ml |
| Diphenhydramine | 5.247 | 4334053 | 1599.52 | 32.7 | 33715.84 | 1151302 | 243.6383 ng/ml |
| Doxylamine | 4.474 | 7947954 | 155023.07 | 97.5 | 216056.64 | 1281250 | 258.1096 ng/ml |
| EDDP | 5.211 | 2979088 | 1528.47 | 43.1 | 15054.83 | 641941 | 241.9720 ng/ml |
| Fentanyl | 5.026 | 154920 | 7230.50 | 67.6 | 6997.33 | 259322 | 25.2890 ng/ml |
| Fluoxetine | 5.690 | 1668631 | 126471.38 | 8.6 | 369557.74 | 260724 | 250.3601 ng/ml |
| Hydrocodone | 2.959 | 1325303 | 759.93 | 39.7 | ∞ | 345240 | 253.8309 ng/ml |
| Hydromorphone | 1.553 | 1149790 | ∞ | 80.4 | 198.72 | 152492 | 240.7195 ng/ml |
| Ketamine | 3.990 | 3239023 | 1899.99 | 39.0 | 2183.92 | 568160 | 257.1280 ng/ml |
| Lamotrigine | 4.226 | 221862 | 13135.46 | 80.8 | 6203.11 | 568160 | 216.5918 ng/ml |
| Lorazepam | 5.722 | 1589278 | ∞ | 55.5 | 4506.65 | 144616 | 169.2401 ng/ml |
| MDA | 3.130 | 3278189 | 11684.99 | 20.2 | 4891.31 | 299900 | 267.0596 ng/ml |
| MDMA | 3.231 | 2686956 | 383251.64 | 65.6 | 27424.85 | 100407 | 256.0095 ng/ml |
| Meprobamate | 4.869 | 922056 | 64454.08 | 26.3 | 871.70 | 209222 | 243.3452 ng/ml |

7/28/20
TS

p1 QC 250

Generated at 11:59 AM on 7/28/2020

*Outside curve range. - 7/28/20 TS

B



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| Methadone | 5.629 | 3063177 | 69082.56 | 50.8 | 41834.06 | 552239 | 246.4640 ng/ml |
| Methamphetamine | 3.158 | 2386466 | 4766.16 | 42.2 | 8279.75 | 461340 | 267.1231 ng/ml |
| Metoprolol | 4.278 | 557865 | ∞ | 96.2 | ∞ | 1406036 | 266.1921 ng/ml |
| Mirtazapine | 4.549 | 3439476 | 12512.34 | 47.9 | 9106.47 | 599191 | 242.4934 ng/ml |
| Mitragynine | 5.161 | 637185 | 56170.99 | 37.9 | 547480.19 | 552239 | 266.4478 ng/ml |
| Morphine | 1.206 | 199539 | 1174.38 | 21.7 | 321.69 | 8748 | 253.1419 ng/ml |
| Norbuprenorphine | 4.944 | 8206 | ∞ | 85.0 | 250.44 | 14877 | 23.2529 ng/ml |
| Nordiazepam | 5.876 | 1638645 | 3242.04 | 59.2 | 14173.99 | 206864 | 259.6923 ng/ml |
| Norfentanyl | 4.037 | 548507 | 1674.64 | 37.5 | 3549.87 | 963513 | 24.6218 ng/ml |
| Norhydrocodone | 3.014 | 120163 | 1745.05 | 39.6 | 94.48 | 42618 | 270.7493 ng/ml |
| Noroxycodone | 2.845 | 1183782 | 1411.24 | 47.8 | 484.51 | 156300 | 262.2507 ng/ml |
| O-desmethyl-tramadol | 3.317 | 8060461 | 321760.42 | 5.8 | 8474.68 | 1600469 | 258.6660 ng/ml |
| Oxazepam | 5.732 | 2203151 | ∞ | 72.1 | 13602.87 | 522483 | 262.2114 ng/ml |
| Oxycodone | 2.762 | 3141552 | 6310.98 | 30.6 | 2219.22 | 537089 | 253.9801 ng/ml |
| Oxymorphone | 1.356 | 1111304 | 1960.09 | 46.5 | 763.71 | 166589 | 245.2803 ng/ml |
| Phentermine | 3.723 | 883142 | ∞ | 3.1 | 920.04 | 464239 | 271.3113 ng/ml |
| Promethazine | 5.508 | 3541340 | 5092.16 | 30.2 | 1192.49 | 605262 | 240.5003 ng/ml |
| Quetiapine | 5.485 | 1963052 | 60618.43 | 59.1 | 196135.43 | 103572 | 253.3553 ng/ml |
| Sertraline | 5.751 | 794895 | 2356.20 | 91.8 | 91351.46 | 126376 | 249.2394 ng/ml |
| Temazepam | 5.799 | 5258827 | 2232.30 | 29.1 | 1030.05 | 994051 | 249.0181 ng/ml |
| Tramadol | 4.190 | 6846418 | 2707.94 | 3.3 | 2544.52 | 1406036 | 256.3999 ng/ml |
| Trazodone | 4.999 | 2150277 | 94249.70 | 78.4 | 261109.12 | 400967 | 234.8243 ng/ml |
| Venlafaxine | 4.994 | 5224221 | 633980.98 | 35.9 | ∞ | 1005454 | 261.0373 ng/ml |
| Zolpidem | 4.777 | 7985060 | ∞ | 29.8 | 695385.78 | 1454581 | 261.3986 ng/ml |

7-28-20
OK

** Compound not evaluated. -7-28-20 B

AM #28 Multi-Drug Quant. Results

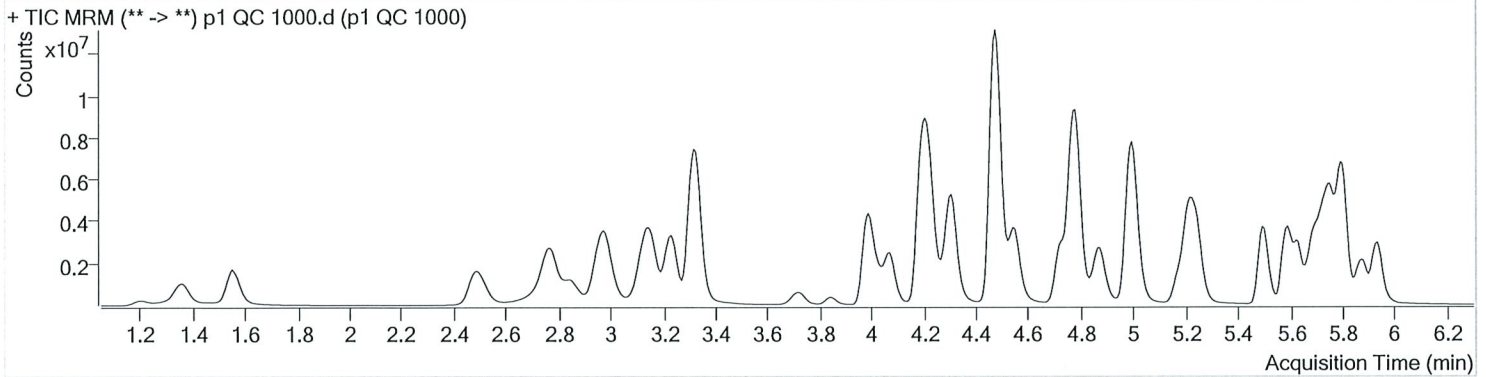
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco Data File p1 QC 1000.d
 Type QC Sample p1 QC 1000
 Acq. Method MDQ P1 060520.m Operator Tamara Salazar
 Sample Position P1-D4 Comment
 Injection Volume 2
 Acq. Date-Time 7/24/2020 5:29:00 AM
 Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|------------|-------|-----------|------------|-----------------|
| 6-MAM | 3.079 | 292698 | 9346.04 | 71.0 | 2699.34 | 61949 | 100.9887 ng/ml |
| 7-aminoclonazepam | 4.230 | 1977586 | 14730.36 | 85.3 | 11237.43 | 87689 | 868.1224 ng/ml |
| a-hydroxyalprazolam | 5.668 | 1593024 | 4135.78 | 61.8 | ∞ | 43728 | 894.5063 ng/ml |
| alpha-PHP | 4.875 | 1697323 | 53179.72 | 265.0 | 109498.40 | 386108 | 951.8987 ng/ml |
| alpha-PVP | 4.308 | 9560441 | 129400.04 | 49.7 | 2045.54 | 386108 | 1016.8323 ng/ml |
| Alprazolam | 5.751 | 5586440 | ∞ | 105.5 | 4613.05 | 144663 | 1072.1889 ng/ml |
| Amphetamine | 2.983 | 7473887 | 57360.70 | 50.6 | 69908.37 | 128696 | 652.2309 ng/ml |
| Benzoylcegonine | 3.838 | 717023 | 2495.98 | 7.8 | 4044.49 | 19516 | 1225.5400 ng/ml |
| Buprenorphine | 5.647 | 81812 | 3082.28 | 16.5 | 1877.24 | 34171 | 98.4715 ng/ml |
| Bupropion | 4.726 | 5020077 | 101104.38 | 59.3 | 6548.56 | 169200 | 990.0576 ng/ml |
| Carisoprodol | 5.700 | 4062479 | 206888.23 | 53.8 | 48688.36 | 198483 | 977.7124 ng/ml |
| Citalopram | 5.176 | 2395442 | 1452.50 | 42.9 | 9415.41 | 106953 | 982.8778 ng/ml |
| Clonazepam | 5.587 | 7213238 | 75840.37 | 32.3 | 91919.21 | 95930 | 929.6117 ng/ml |
| Cocaine | 4.216 | 9239927 | 1343903.62 | 43.2 | 202654.72 | 633462 | 1037.5524 ng/ml |
| Codeine | 2.516 | 1004609 | 1874.87 | 102.5 | 1105.62 | 50851 | 936.2758 ng/ml |
| Cyclobenzaprine | 5.592 | 1241594 | 85999.17 | 9.6 | ∞ | 47271 | 1013.3253 ng/ml |
| Dextromethorphan | 5.219 | 1044567 | 1175.60 | 79.4 | 602.17 | 47724 | 1012.1930 ng/ml |
| Dextrorphan | 4.070 | 2051684 | 95554.92 | 213.5 | 138157.42 | 258146 | 996.7053 ng/ml |
| Diazepam | 5.936 | 4455915 | 6402.58 | 87.2 | 1223.67 | 208376 | 1024.8435 ng/ml |
| Dihydrocodeine | 2.481 | 3100138 | 42841.93 | 64.5 | ∞ | 212328 | 835.4304 ng/ml |
| Diphenhydramine | 5.247 | 5878550 | 811203.27 | 32.5 | 2491.77 | 384223 | 987.8957 ng/ml |
| Doxylamine | 4.474 | 21207728 | 400430.33 | 98.0 | 645373.75 | 897458 | 983.6604 ng/ml |
| EDDP | 5.211 | 7220860 | 2930.39 | 41.8 | 1013.36 | 376972 | 998.7770 ng/ml |
| Fentanyl | 5.026 | 130575 | 10568.50 | 68.7 | 3421.32 | 51482 | 107.3415 ng/ml |
| Fluoxetine | 5.690 | 1019182 | 59910.21 | 8.9 | 422.47 | 39829 | 998.8210 ng/ml |
| Hydrocodone | 2.953 | 3598775 | 786.12 | 40.2 | 2881.66 | 280624 | 848.9943 ng/ml |
| Hydromorphone | 1.561 | 3443756 | 1710.22 | 76.9 | ∞ | 116418 | 944.5501 ng/ml |
| Ketamine | 3.990 | 9740636 | 815428.51 | 37.9 | 44149.13 | 455538 | 965.6217 ng/ml |
| Lamotrigine | 4.232 | 400548 | 8843.28 | 78.7 | 18136.66 | 455538 | 488.8740 ng/ml |
| Lorazepam | 5.722 | 1780824 | ∞ | 57.1 | 8922.65 | 95930 | 286.5503 ng/ml |
| MDA | 3.130 | 6183780 | 171943.19 | 19.6 | 48804.76 | 161164 | 939.5177 ng/ml |
| MDMA | 3.231 | 6695399 | 289917.55 | 64.6 | 166800.46 | 62998 | 1016.7608 ng/ml |
| Meprobamate | 4.869 | 1970778 | ∞ | 25.8 | 17944.17 | 142278 | 765.9709 ng/ml |

p1 QC 1000

Generated at 11:59 AM on 7/28/2020

*Outside curve range. -7-28-20 TS

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|-----------|-------|-----------|------------|-----------------|
| Methadone | 5.629 | 3680962 | 3336.39 | 49.6 | 1444.13 | 161959 | 1007.8150 ng/ml |
| Methamphetamine | 3.158 | 5267487 | 22212.98 | 41.4 | ∞ | 285210 | 956.7660 ng/ml |
| Metoprolol | 4.278 | 1302000 | 30962.31 | 97.2 | 15061.62 | 996870 | 877.8848 ng/ml |
| * Mirtazapine | 4.549 | 6482565 | 358353.62 | 47.2 | 336319.30 | 386108 | 708.2425 ng/ml |
| * Mitragynine | 5.161 | 640653 | 43791.23 | 38.3 | 5811.59 | 161959 | 913.9623 ng/ml |
| Morphine | 1.206 | 594011 | ∞ | 23.2 | 1755.79 | 7158 | 920.5010 ng/ml |
| Norbuprenorphine | 4.944 | 10206 | 303.79 | 82.8 | 239.79 | 4647 | 92.7758 ng/ml |
| Nordiazepam | 5.876 | 3790077 | 91893.06 | 57.5 | 2211.14 | 124290 | 1000.3652 ng/ml |
| Norfentanyl | 4.037 | 1792961 | 597972.15 | 37.1 | 37027.53 | 686906 | 112.7919 ng/ml |
| * Norhydrocodone | 3.007 | 350505 | 584.11 | 42.8 | 86.17 | 29319 | 1146.0727 ng/ml |
| Noroxycodone | 2.845 | 2824041 | 1109.81 | 43.5 | 189.44 | 92062 | 1062.4911 ng/ml |
| O-desmethyl-tramadol | 3.317 | 23350411 | 488067.38 | 5.9 | 79394.99 | 1170916 | 1023.8663 ng/ml |
| Oxazepam | 5.726 | 2676754 | ∞ | 75.4 | 5232.96 | 191149 | 871.7896 ng/ml |
| Oxycodone | 2.762 | 10102998 | ∞ | 30.3 | 10513.98 | 451217 | 973.0969 ng/ml |
| Oxymorphone | 1.356 | 3149517 | ∞ | 46.7 | ∞ | 116257 | 997.2509 ng/ml |
| Phentermine | 3.723 | 1925820 | ∞ | 3.1 | ∞ | 289382 | 950.9233 ng/ml |
| Promethazine | 5.508 | 2866685 | 2890.16 | 30.6 | 8392.87 | 121610 | 966.0198 ng/ml |
| Quetiapine | 5.485 | 4300344 | 207157.06 | 60.1 | 270037.13 | 52068 | 1104.6554 ng/ml |
| Sertraline | 5.758 | 364485 | 24913.91 | 93.5 | 30540.87 | 14329 | 1006.7908 ng/ml |
| Temazepam | 5.799 | 13411935 | 1048.58 | 28.3 | 27839.27 | 599507 | 1052.7800 ng/ml |
| * Tramadol | 4.190 | 17642030 | 139579.26 | 3.2 | 1491.39 | 996870 | 932.9555 ng/ml |
| * Trazodone | 4.999 | 3341501 | 239026.11 | 78.8 | 2960.54 | 177185 | 826.9691 ng/ml |
| Venlafaxine | 4.994 | 13939266 | 8704.91 | 35.1 | 1972.85 | 650637 | 1074.4282 ng/ml |
| Zolpidem | 4.777 | 23257407 | 734408.87 | 30.9 | 910821.53 | 1176555 | 941.5908 ng/ml |

* Outside curve range - 7-28-20 TS

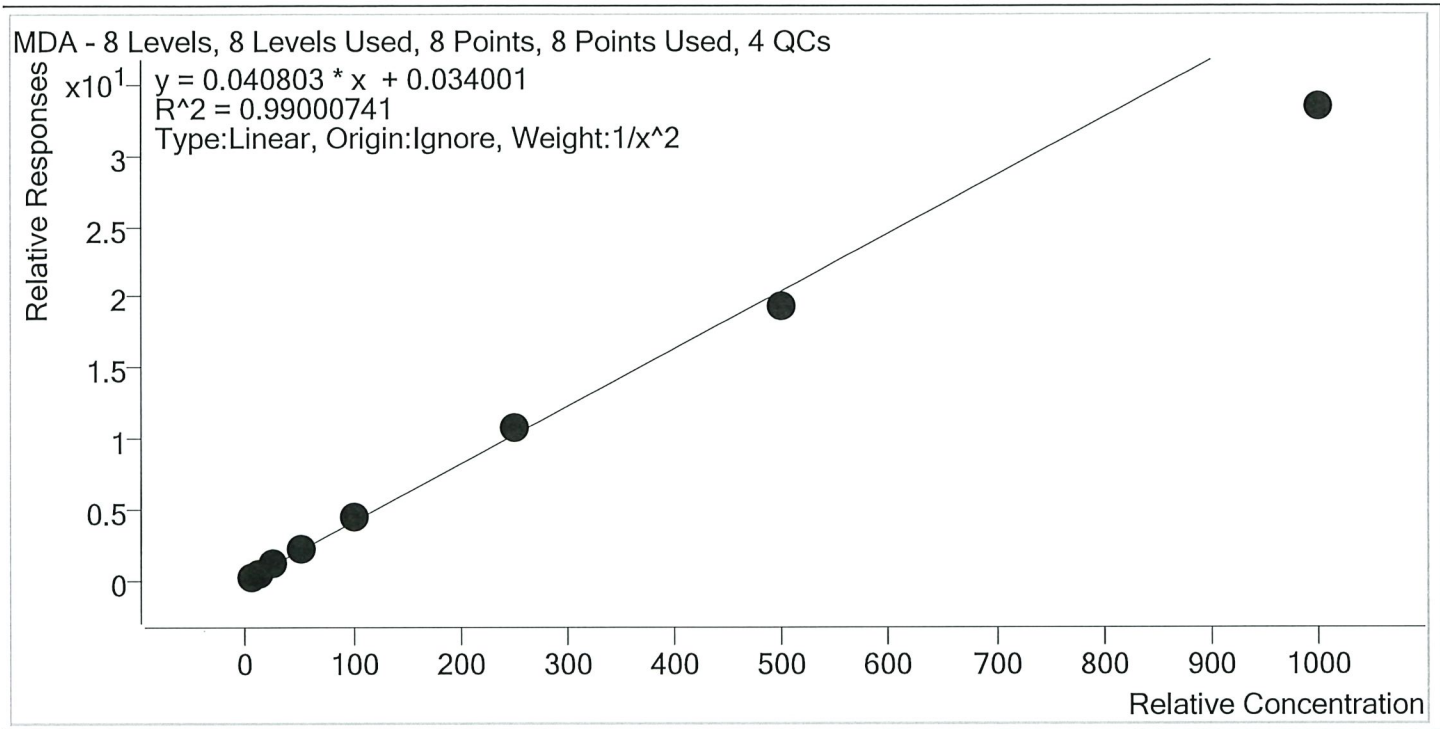
** Compound not evaluated - 7-28-20 TS

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



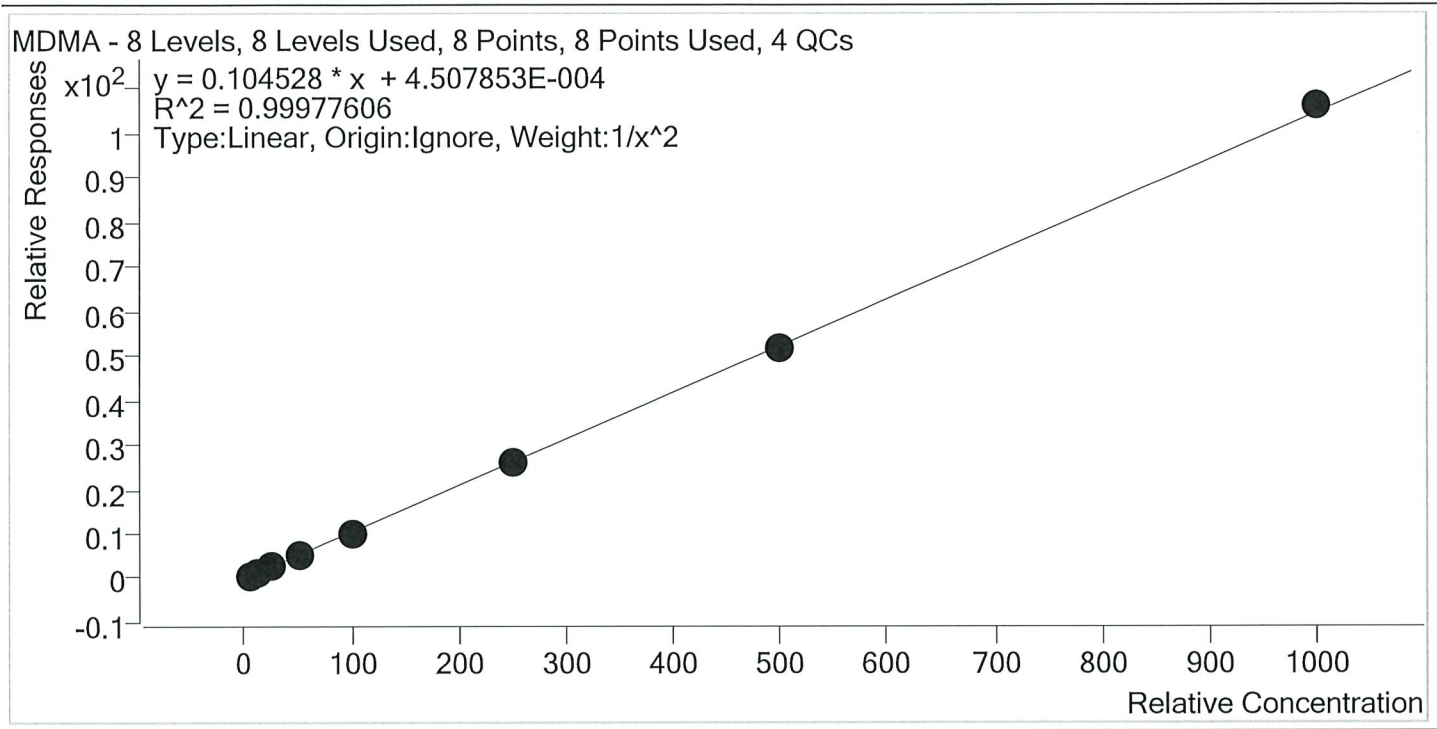
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 97.0 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.4 | 105.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.0 | 108.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.0 | 106.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 263.5 | 105.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 472.7 | 94.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 818.4 | 81.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



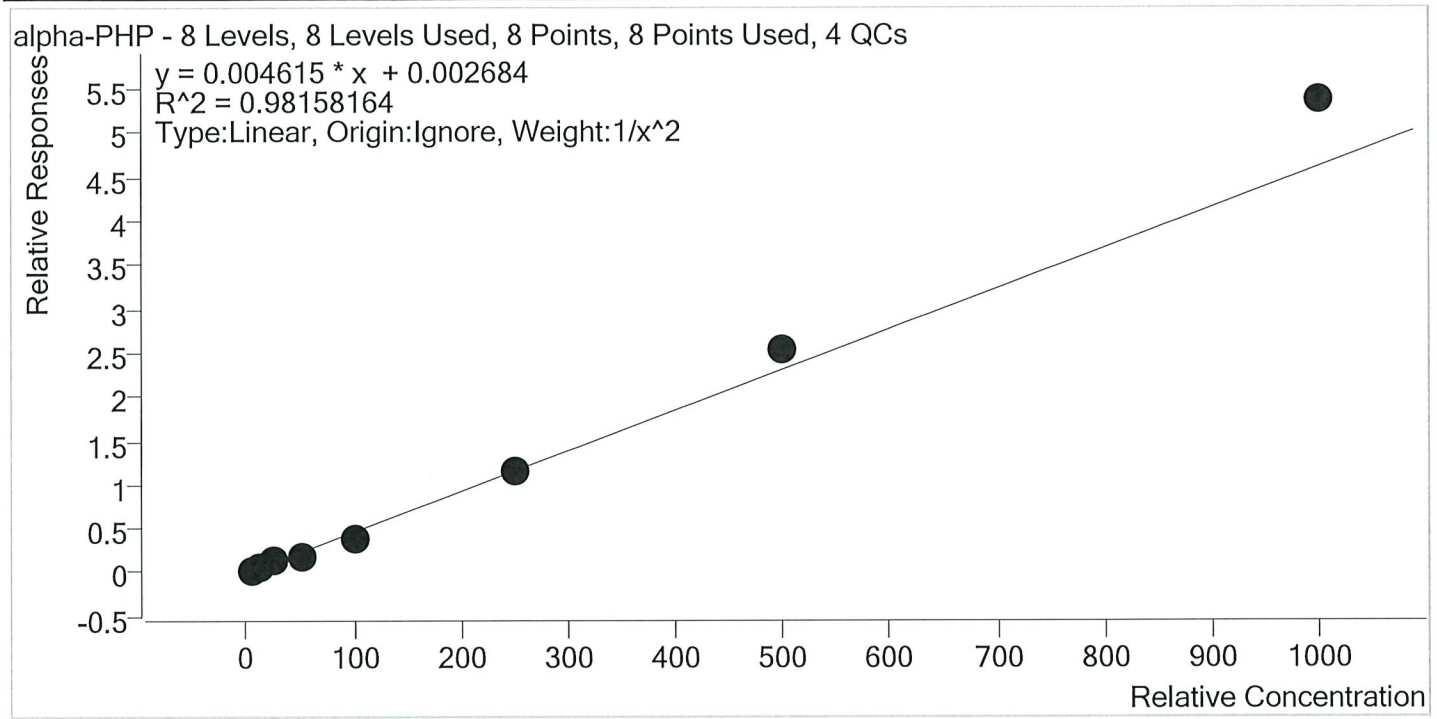
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 102.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.9 | 99.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.9 | 98.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.6 | 99.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 496.2 | 99.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1015.5 | 101.5 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte alpha-PHP Internal Standard alpha-PVP-d8



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.1 | 104.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 41.8 | 83.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 82.5 | 82.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.2 | 99.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 553.5 | 110.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1164.4 | 116.4 |

15



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 7/28/2020 11:59 AM

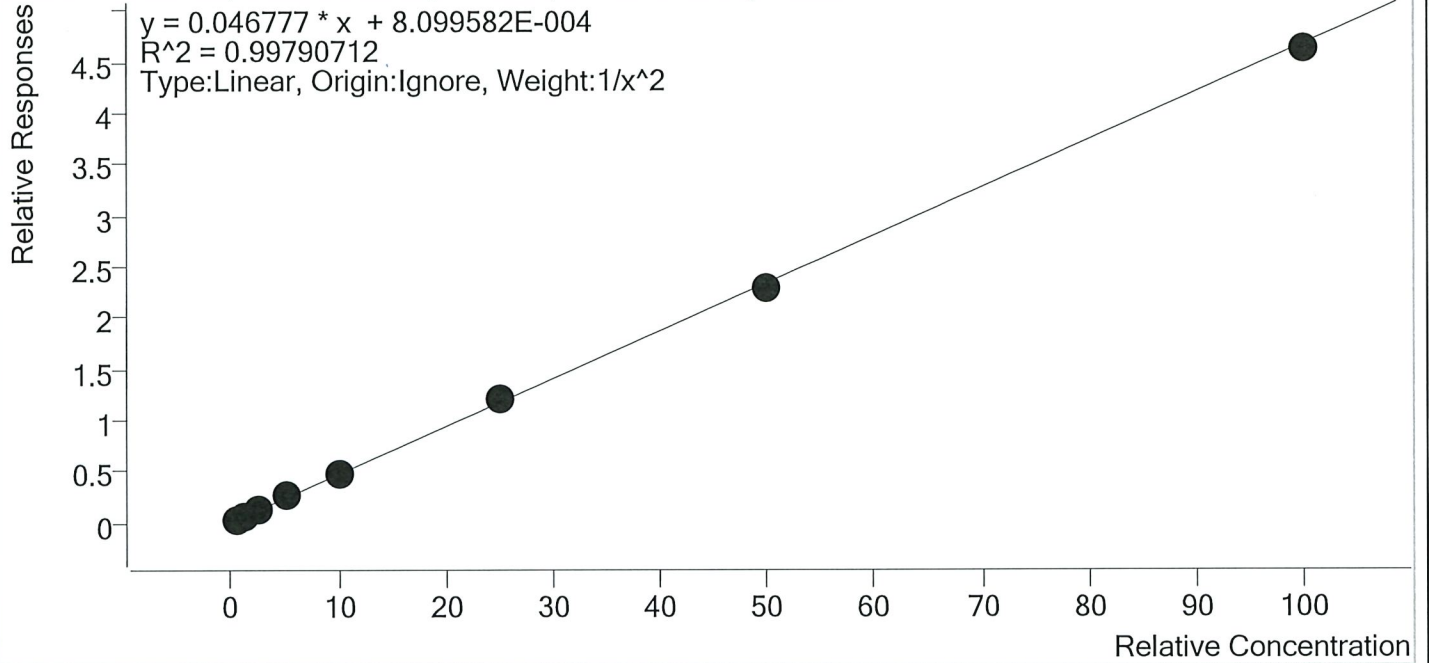
Analyst Name ISP\datastor

Analyte 6-MAM

Internal Standard

6-MAM-D6

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



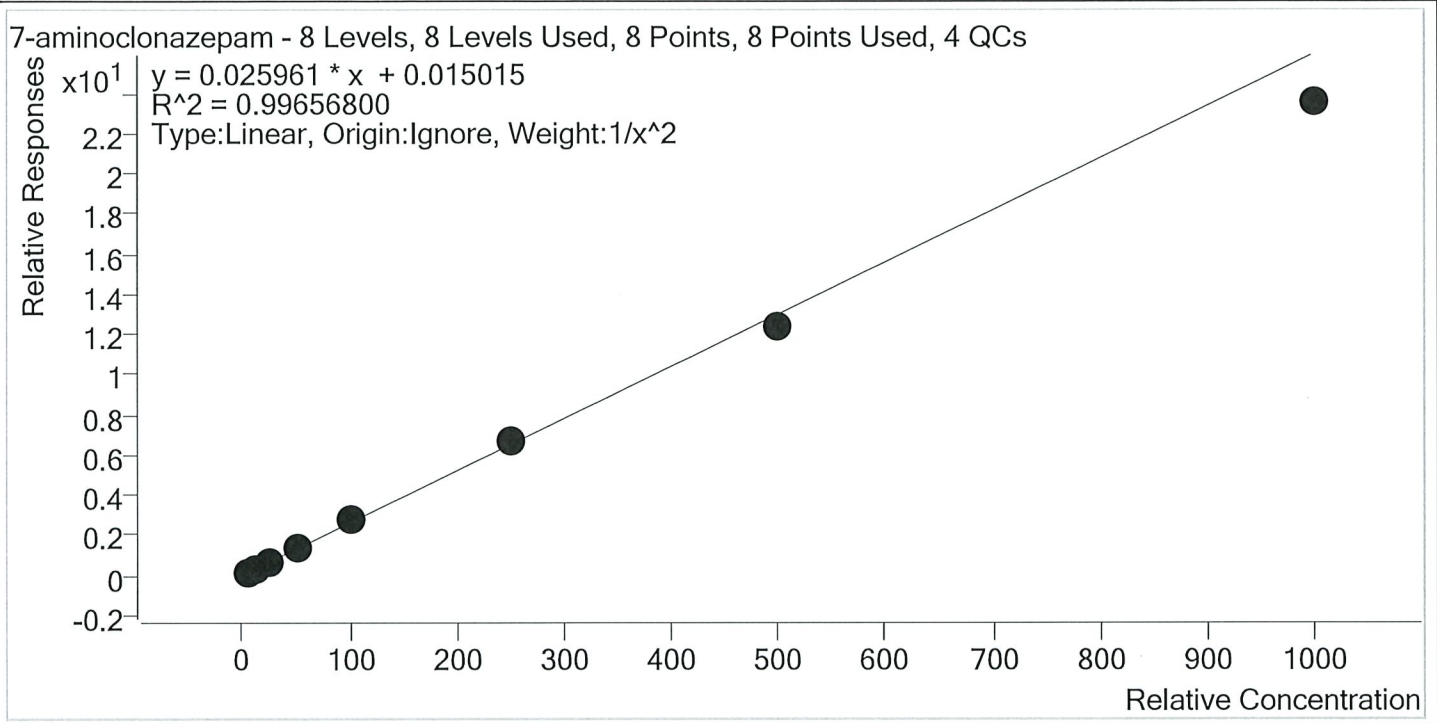
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 103.4 |
| p1 Cal 2- 10ng | 2 | ✓ | 1.0 | 0.9 | 93.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.4 | 95.9 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 5.2 | 105.0 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 10.2 | 101.7 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 25.8 | 103.1 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 49.2 | 98.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 98.9 | 98.9 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



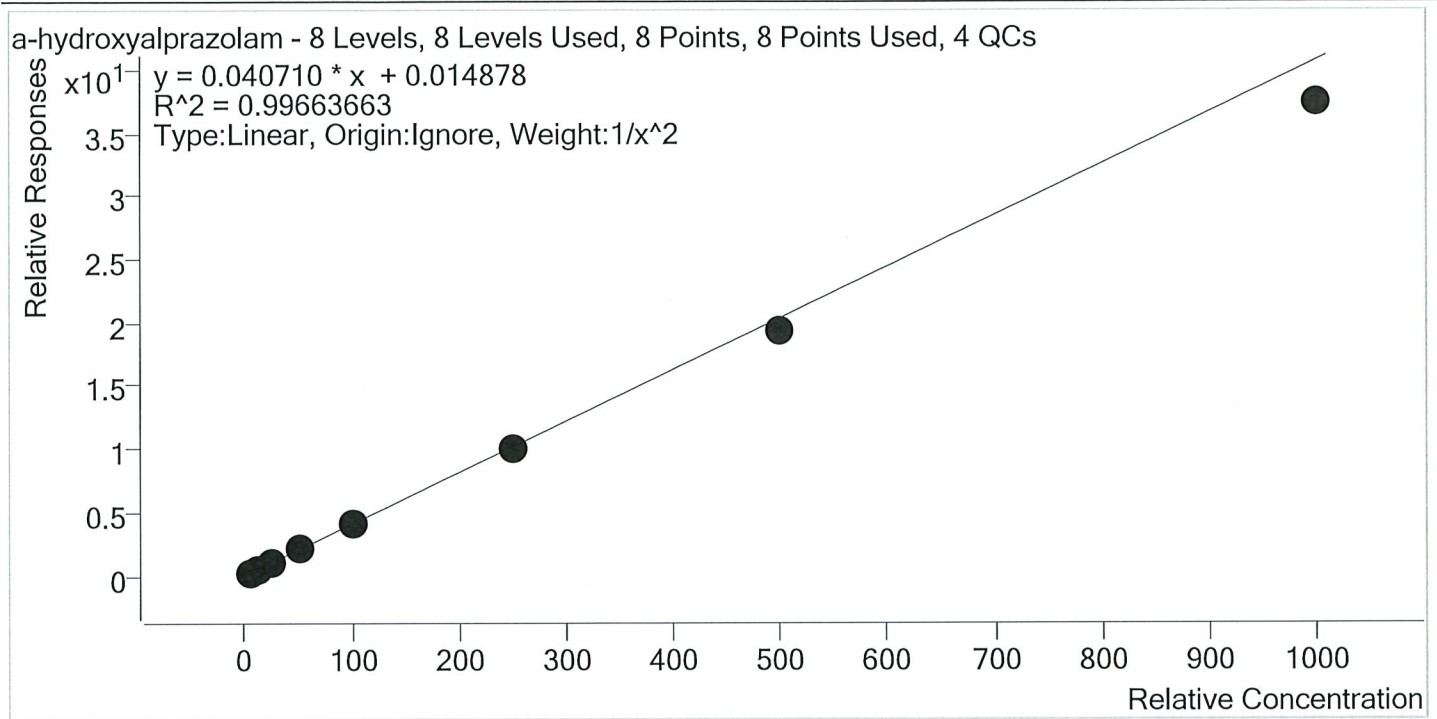
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 101.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.2 | 104.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.2 | 104.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.1 | 104.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 255.2 | 102.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 474.7 | 94.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 906.8 | 90.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5



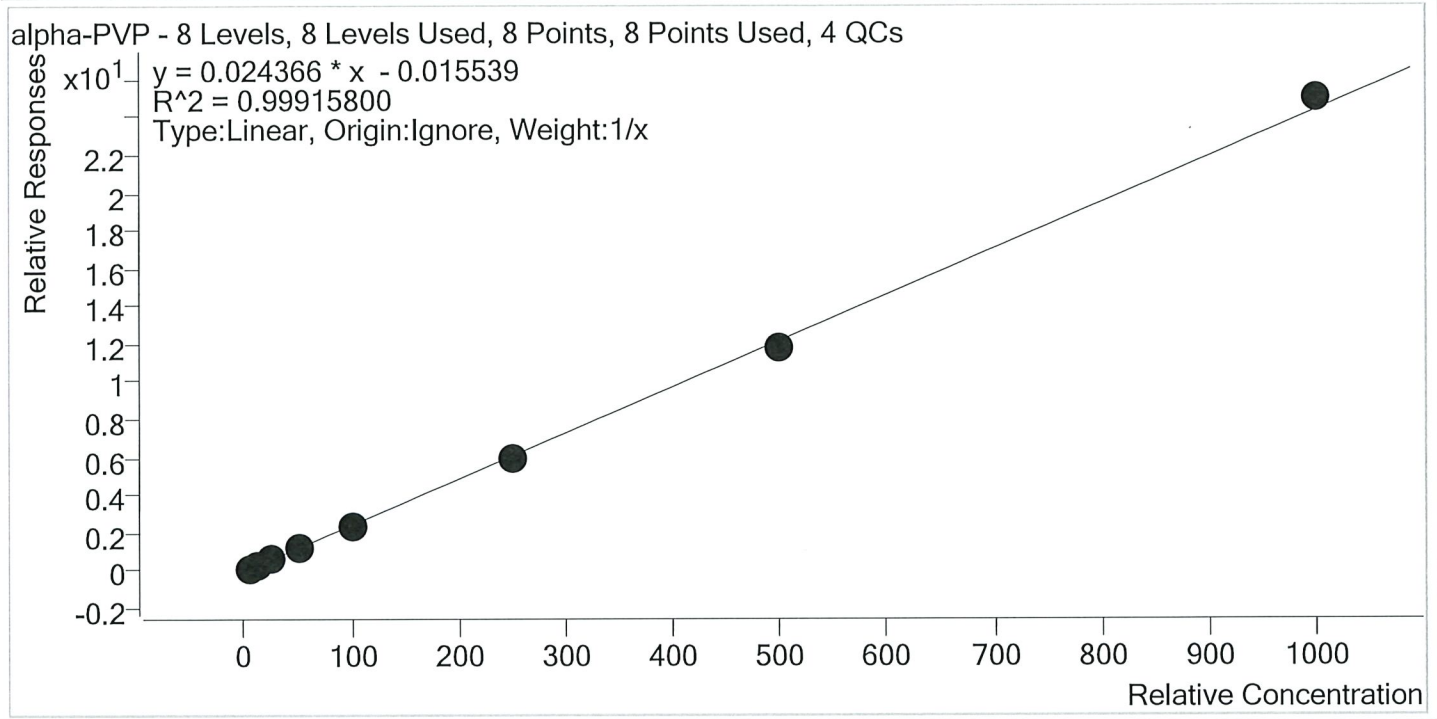
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.3 | 105.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.1 | 106.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.0 | 104.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.6 | 99.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 475.7 | 95.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 918.1 | 91.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte alpha-PVP Internal Standard alpha-PVP-d8



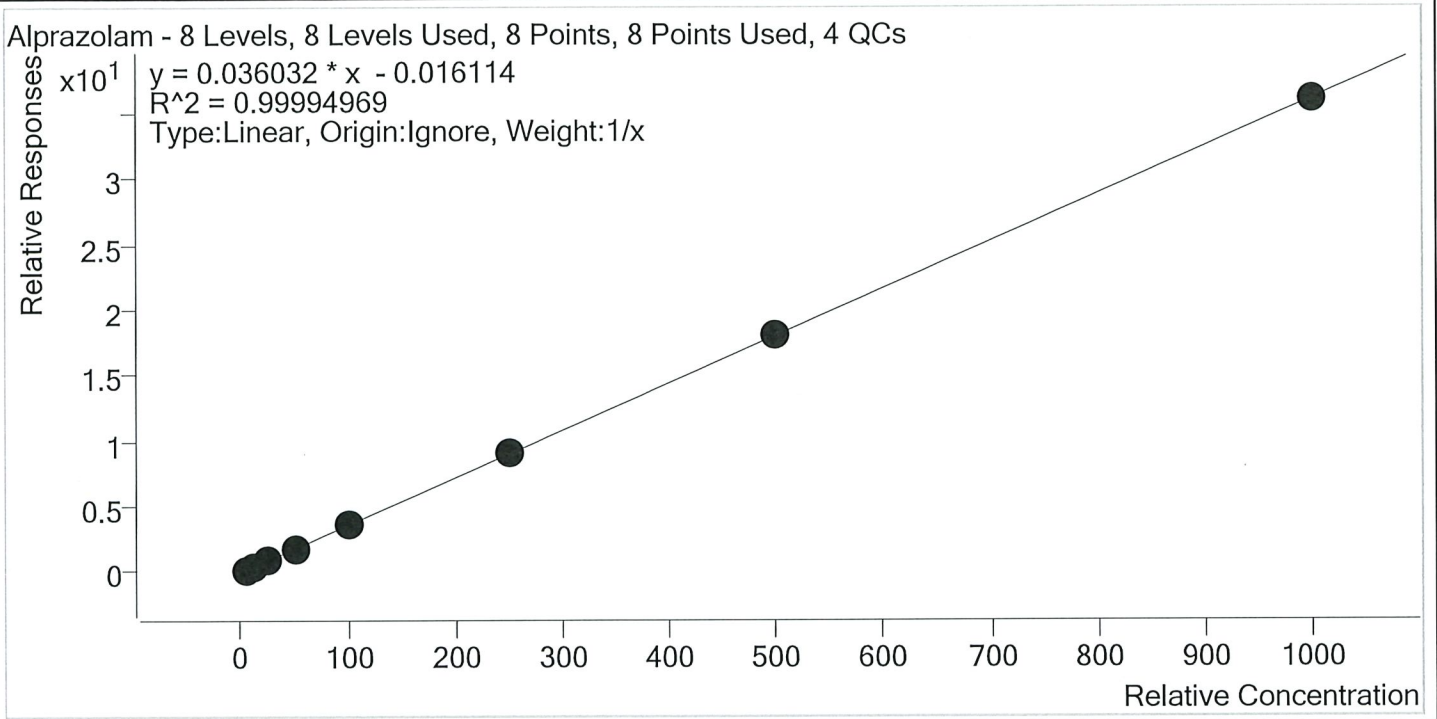
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.5 | 109.2 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 102.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.9 | 97.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 95.6 | 95.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.4 | 97.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 486.4 | 97.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1025.7 | 102.6 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 99.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.7 | 99.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.6 | 99.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.6 | 98.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.8 | 101.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 499.5 | 99.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 998.6 | 99.9 |

TS



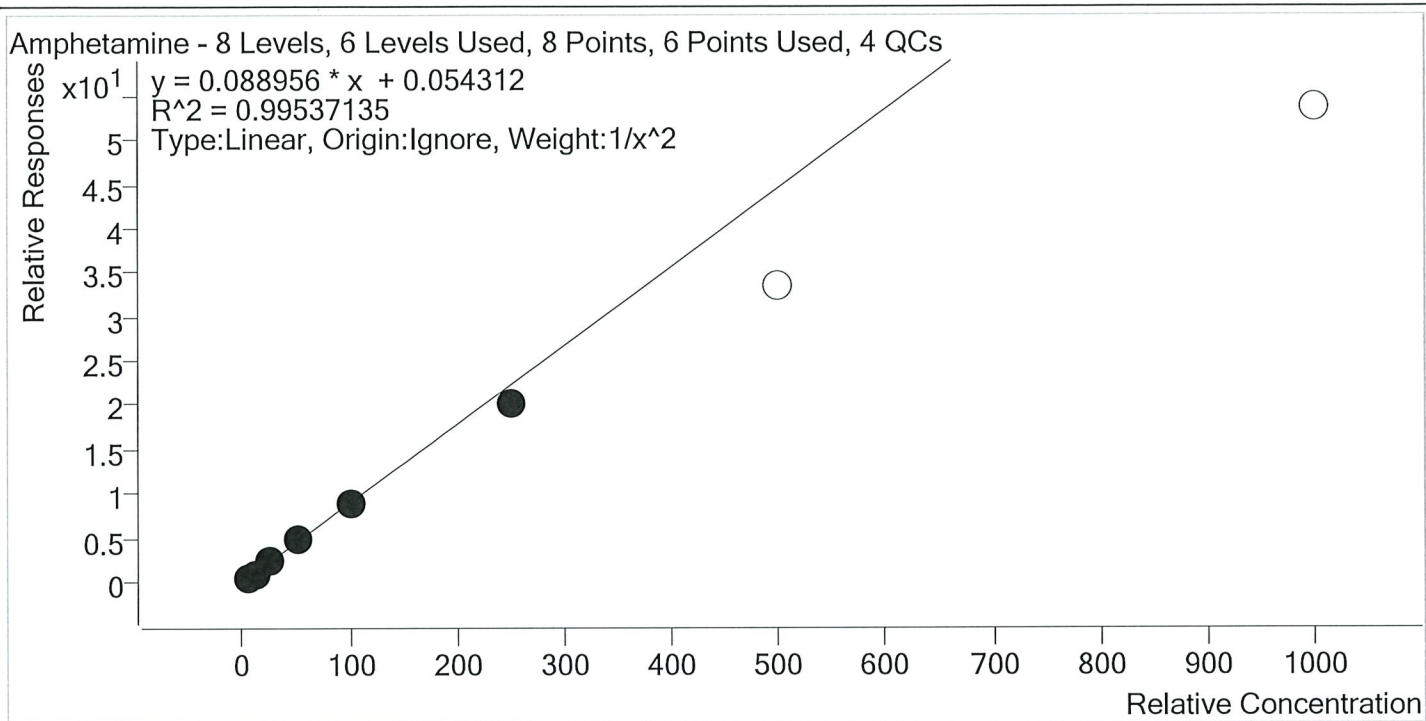
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 7/28/2020 11:59 AM

Analyst Name ISP\datastor

Analyte Amphetamine **Internal Standard** Amphetamine-D11



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.4 | 103.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 103.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.6 | 105.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.8 | 99.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 226.1 | 90.4 |
| p1 Cal 7-500ng | 7 | × | 500.0 | 375.5 | 75.1 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 602.2 | 60.2 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

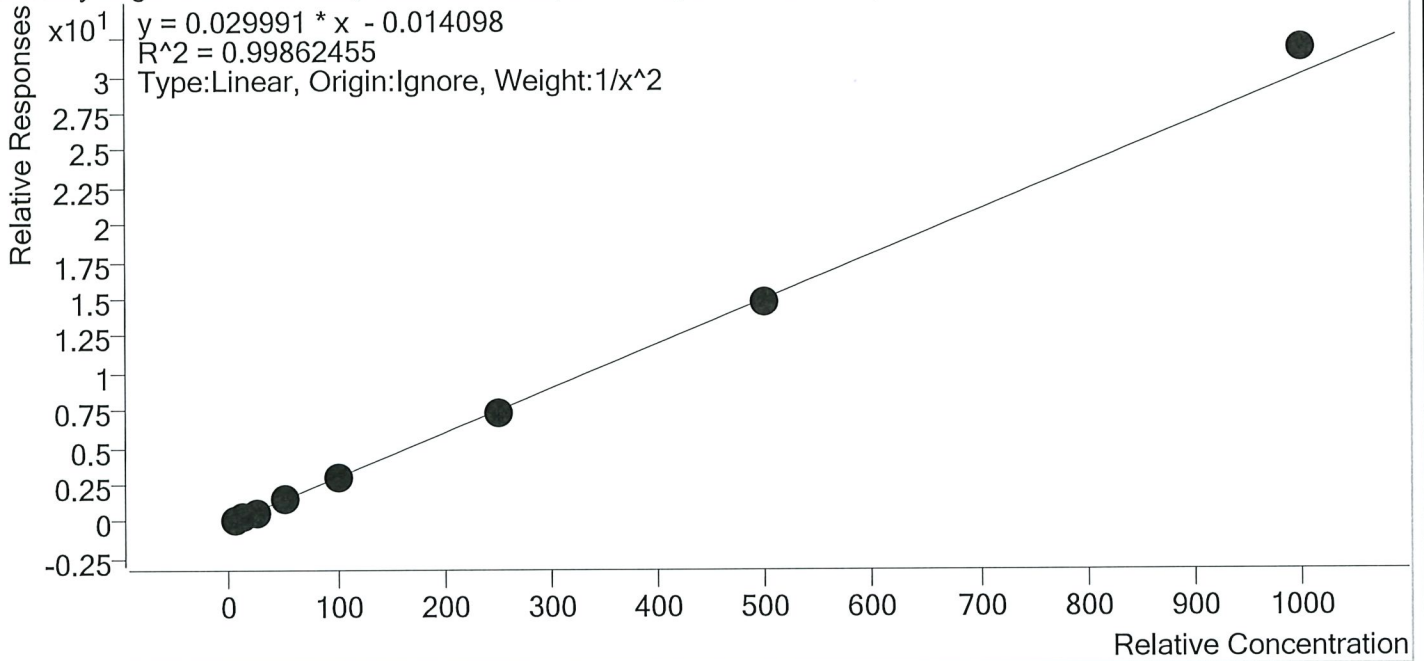
Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 7/28/2020 11:59 AM

Analyst Name ISP\datastor

Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



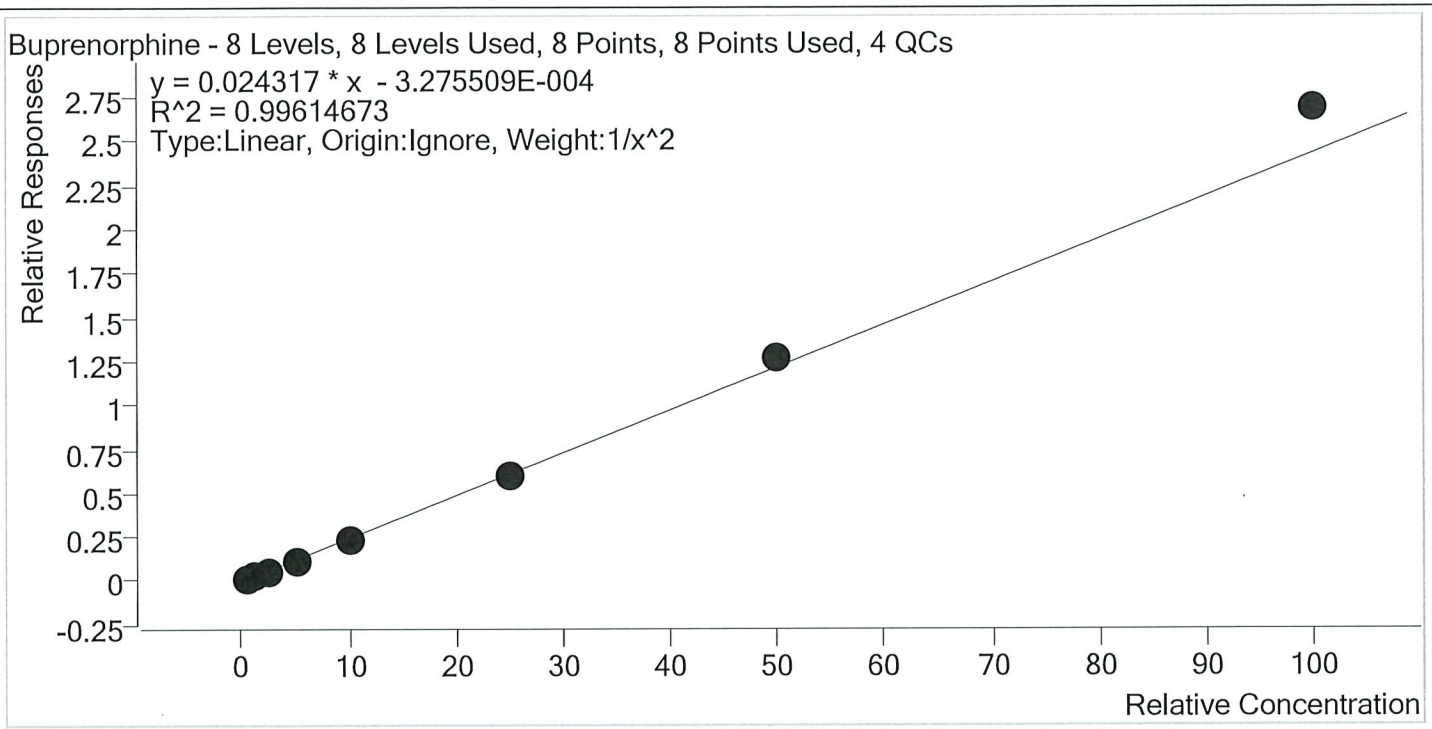
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 99.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 23.7 | 95.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.1 | 102.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.2 | 98.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.4 | 99.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1060.2 | 106.0 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Buprenorphine Internal Standard Buprenorphine-D4



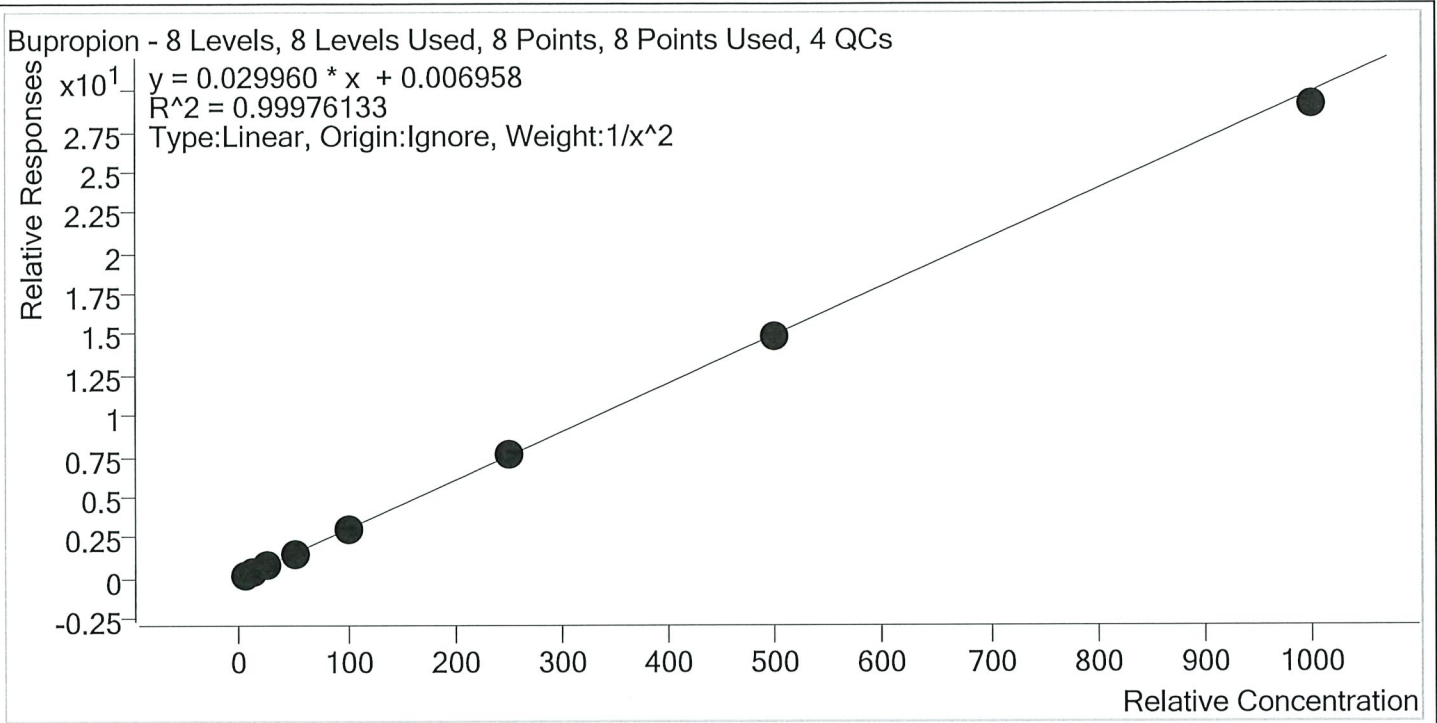
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 103.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 1.0 | 1.0 | 96.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.4 | 96.8 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.8 | 96.8 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.5 | 94.9 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 24.5 | 97.9 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 52.0 | 103.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 110.6 | 110.6 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



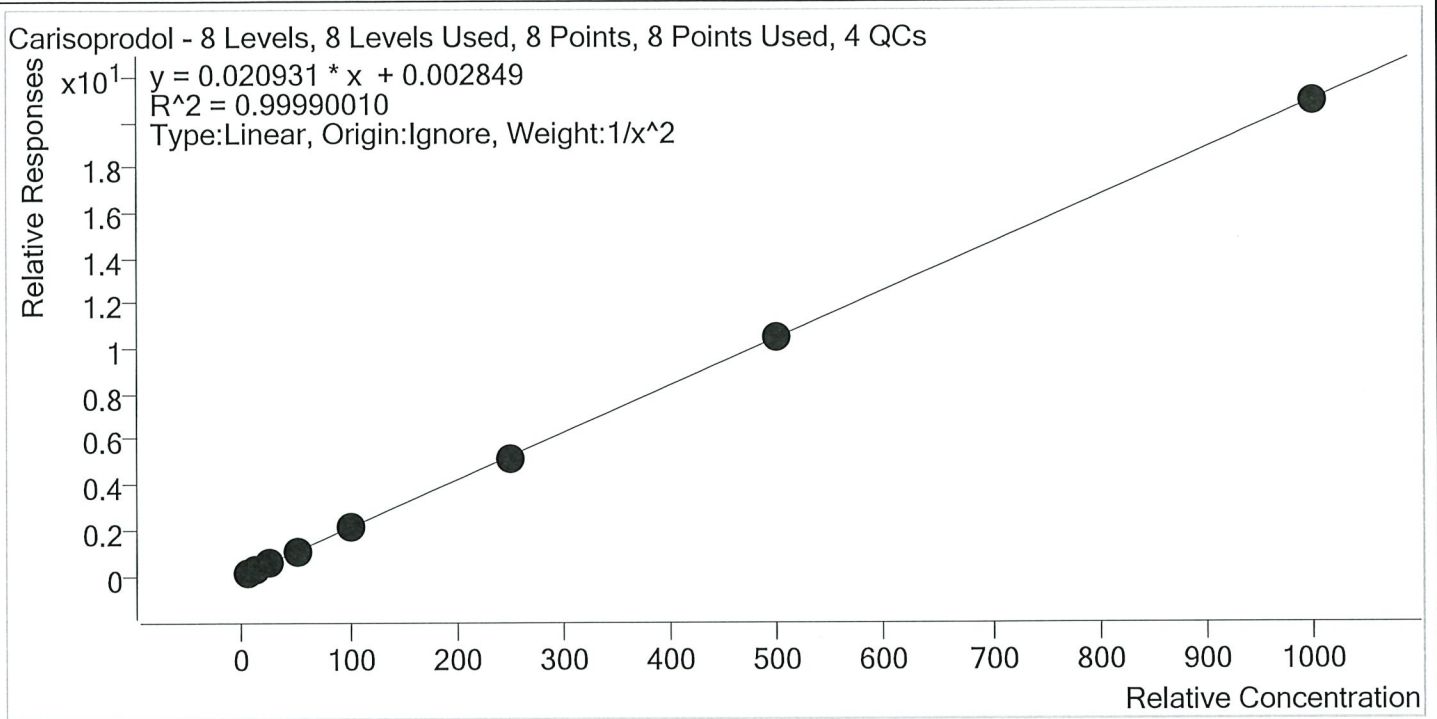
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.3 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.5 | 102.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.3 | 100.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.4 | 100.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.1 | 100.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 497.4 | 99.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 973.4 | 97.3 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



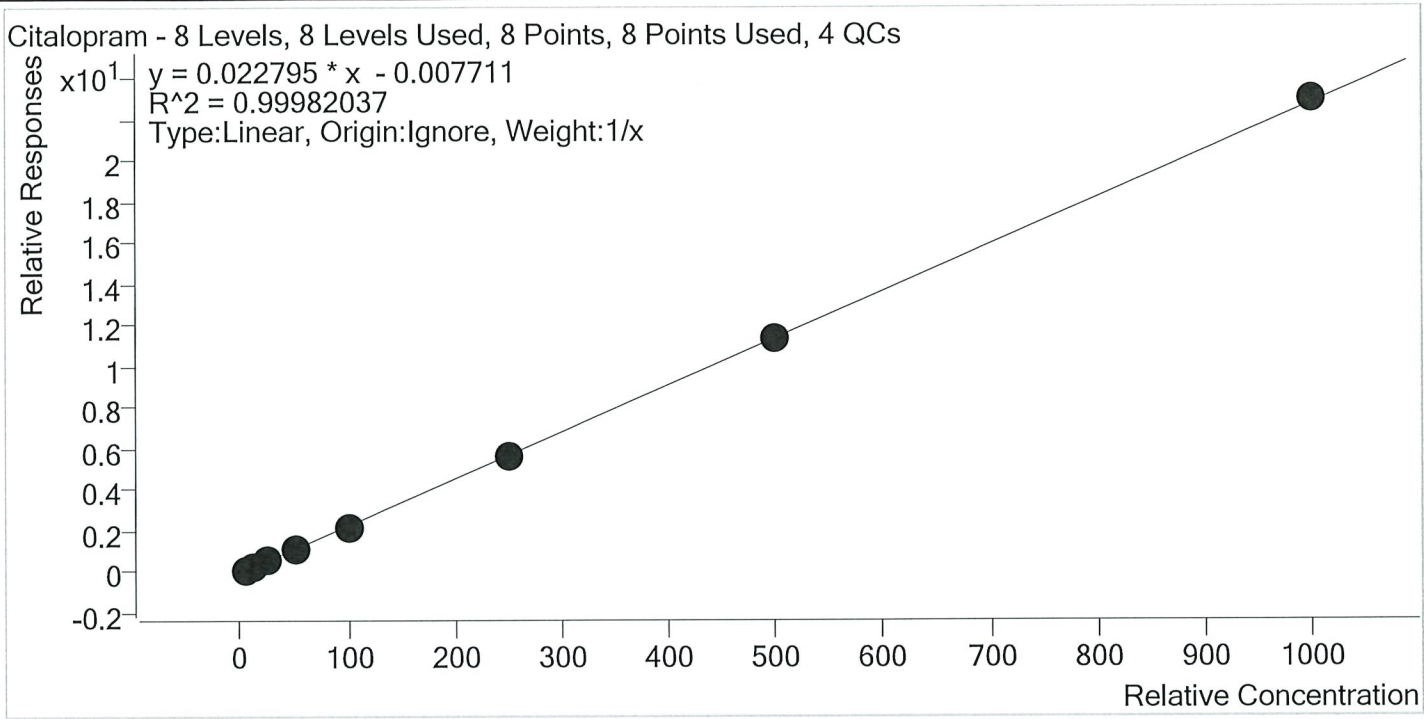
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.7 | 98.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.7 | 101.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.3 | 100.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.9 | 99.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 501.1 | 100.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 996.6 | 99.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



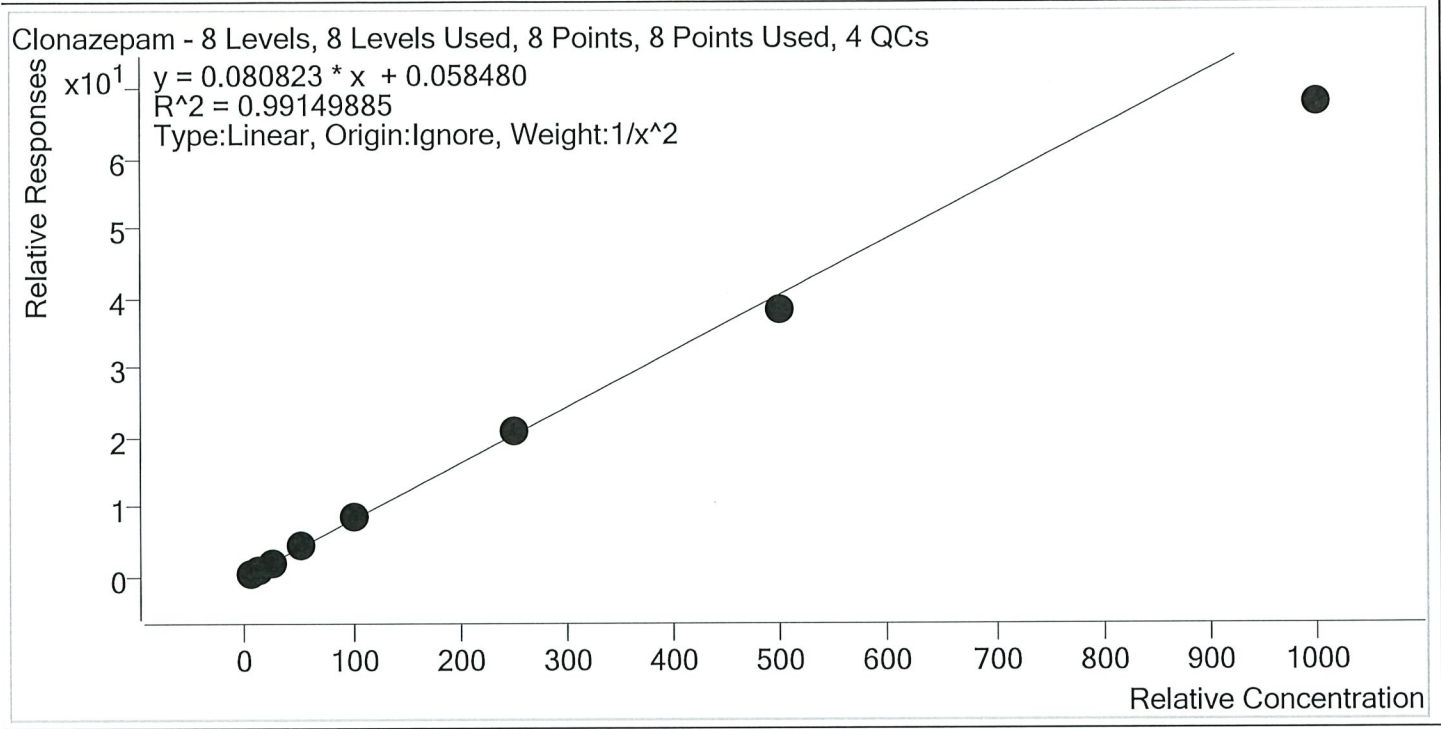
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.3 | 106.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.9 | 95.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.7 | 96.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.9 | 99.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 498.9 | 99.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1008.3 | 100.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 103.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.7 | 109.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.4 | 106.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 259.6 | 103.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 471.3 | 94.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 840.2 | 84.0 |

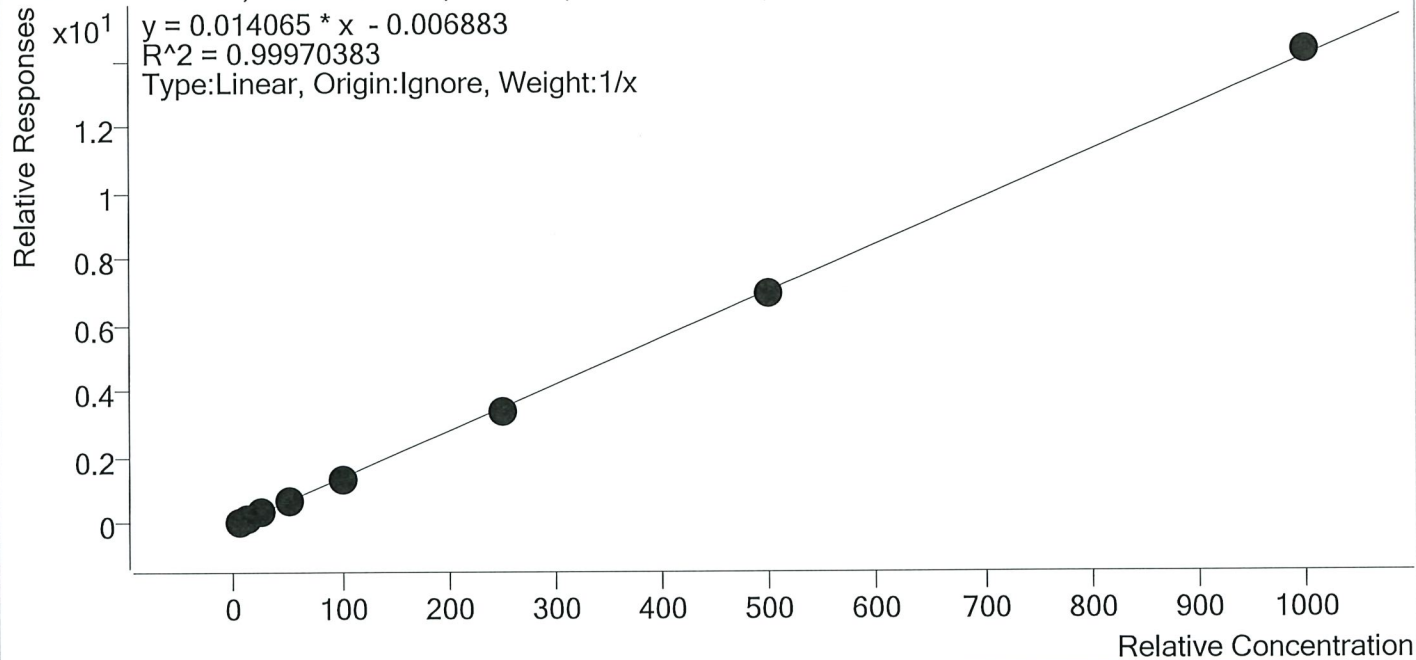
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 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 | 5.4 | 107.3 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.9 | 97.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.1 | 98.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 242.9 | 97.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 496.3 | 99.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1013.9 | 101.4 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

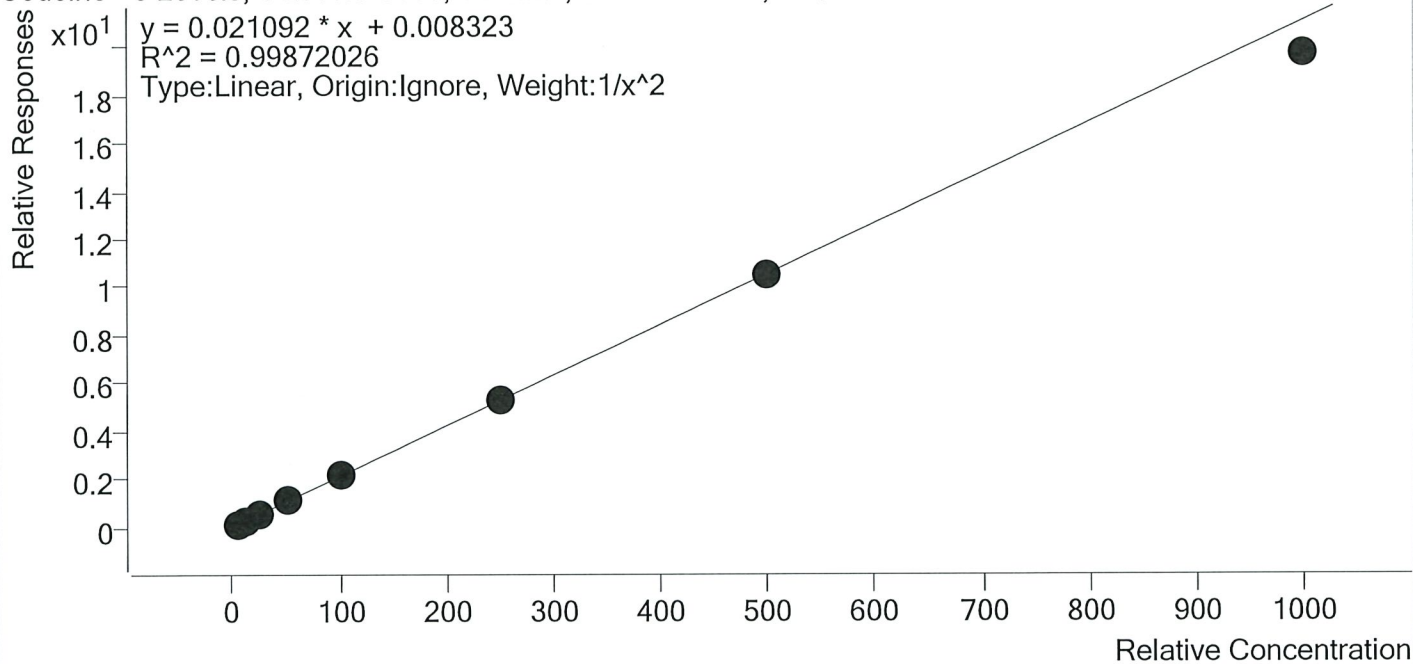
Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 7/28/2020 11:59 AM

Analyst Name ISP\datastor

Analyte Codeine Internal Standard Codeine-D6

Codeine - 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 | 99.3 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.9 | 103.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.0 | 103.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.8 | 100.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.8 | 99.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 935.1 | 93.5 |

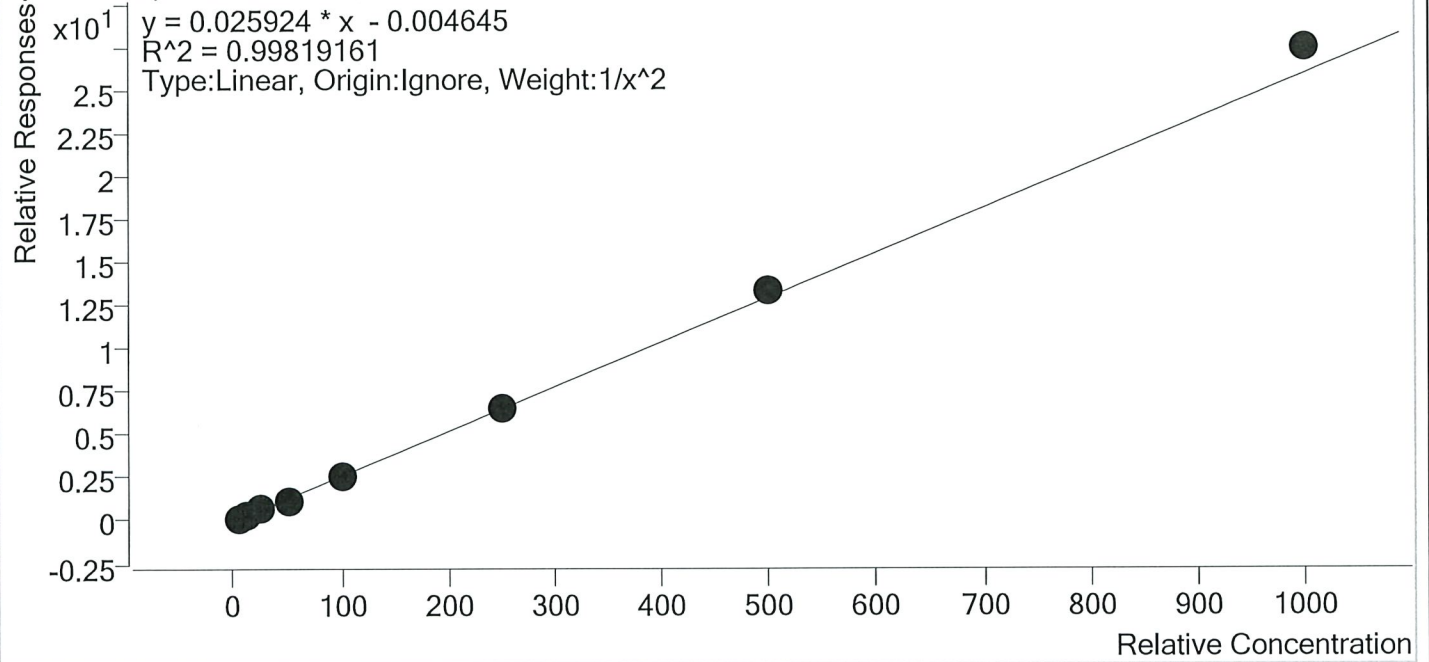


TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Cyclobenzaprine Internal Standard Cyclobenzaprine-D3

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



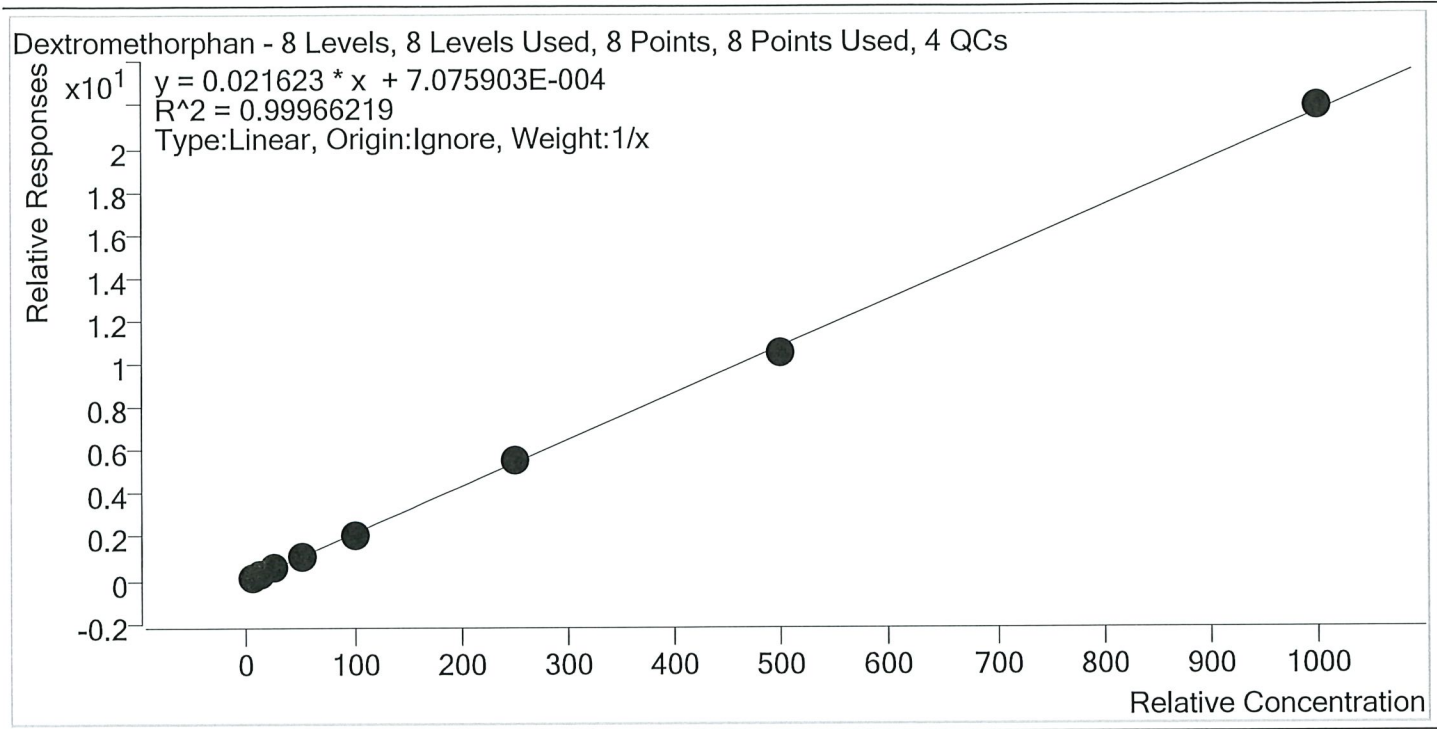
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.8 | 98.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.3 | 97.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.4 | 94.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.5 | 97.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.7 | 101.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 515.7 | 103.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1058.0 | 105.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 99.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.2 | 100.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.0 | 97.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.4 | 101.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 487.8 | 97.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1011.9 | 101.2 |

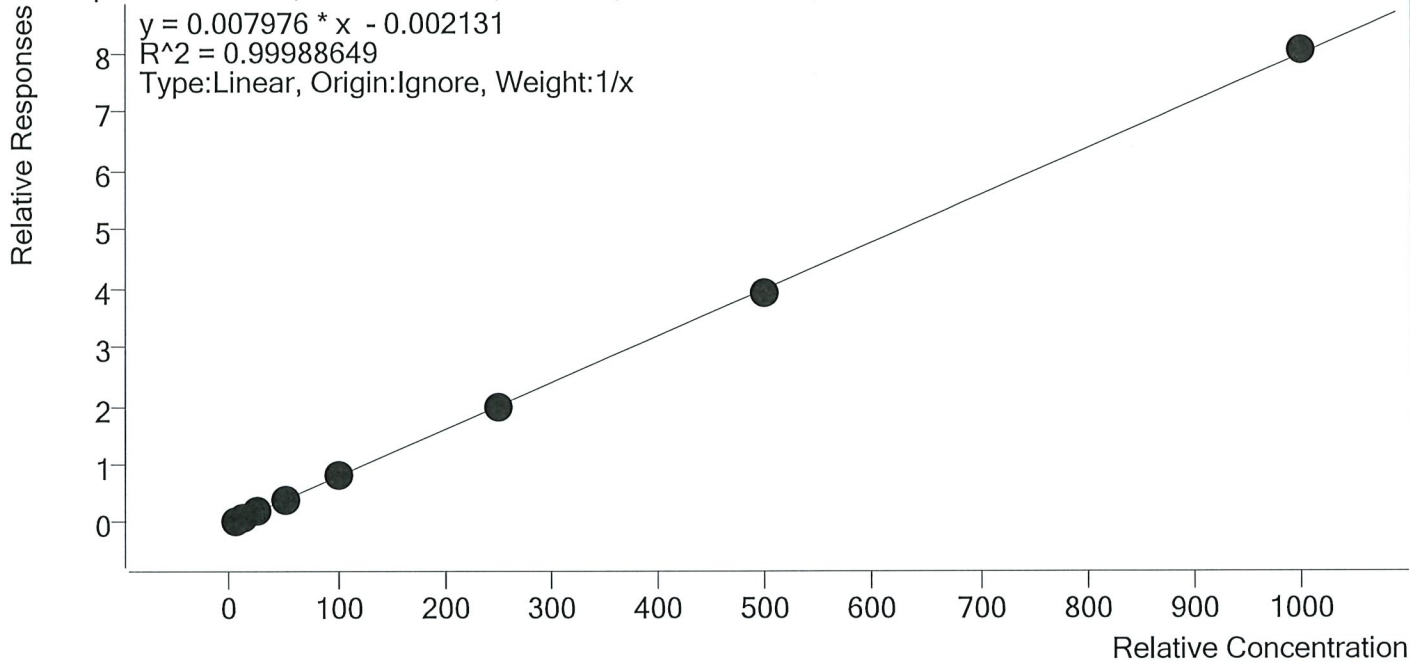
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Dextrorphan Internal Standard Dextrorphan-D3

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



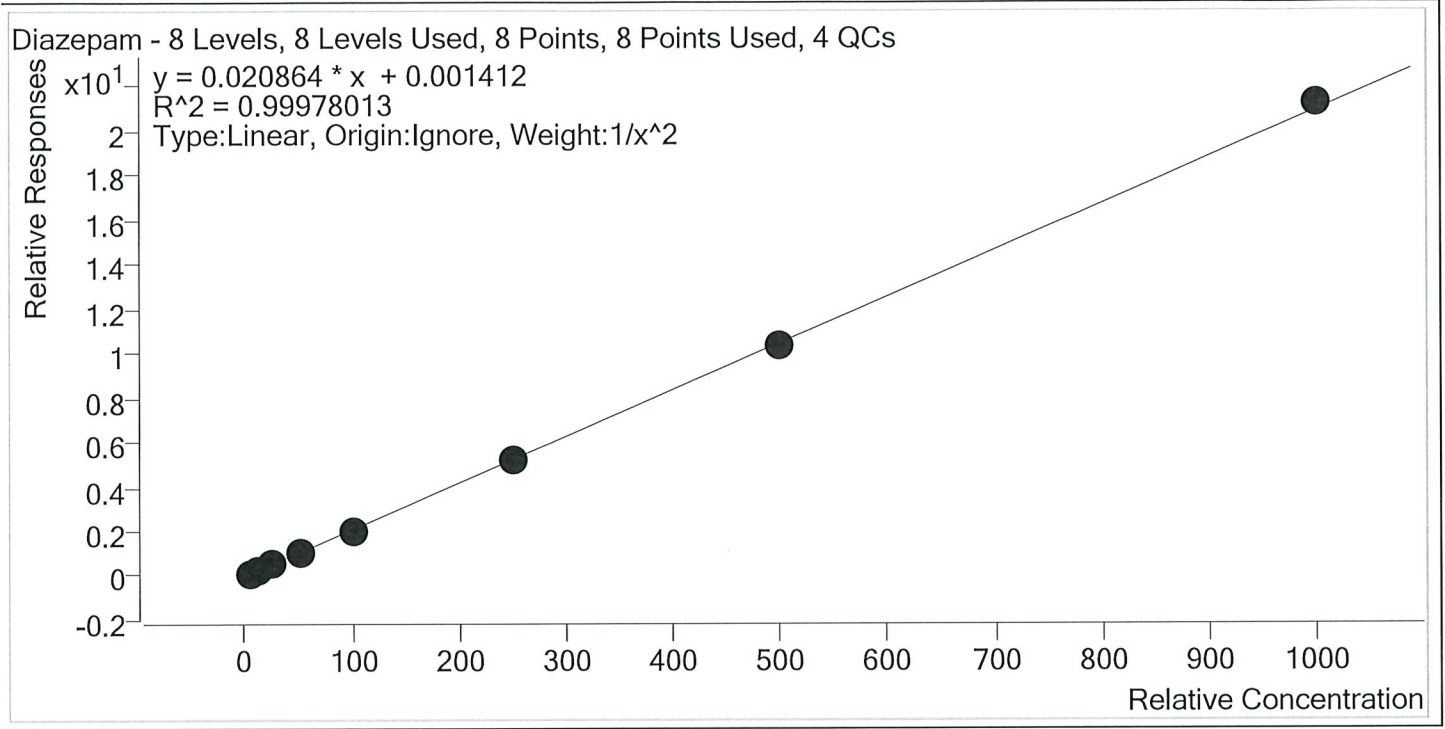
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 102.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 99.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.1 | 100.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.1 | 98.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.2 | 100.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 492.6 | 98.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1008.3 | 100.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 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 | 100.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 98.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 100.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.6 | 101.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.5 | 98.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.4 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 492.9 | 98.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1014.9 | 101.5 |

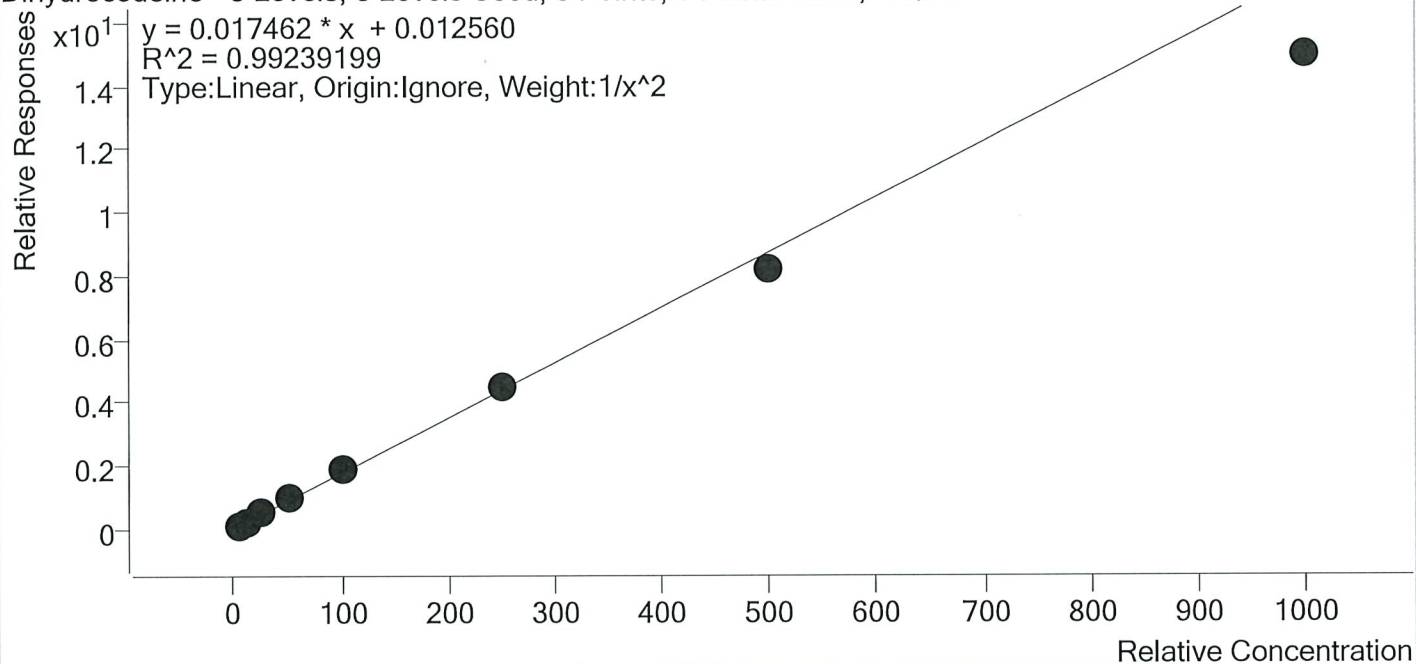
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



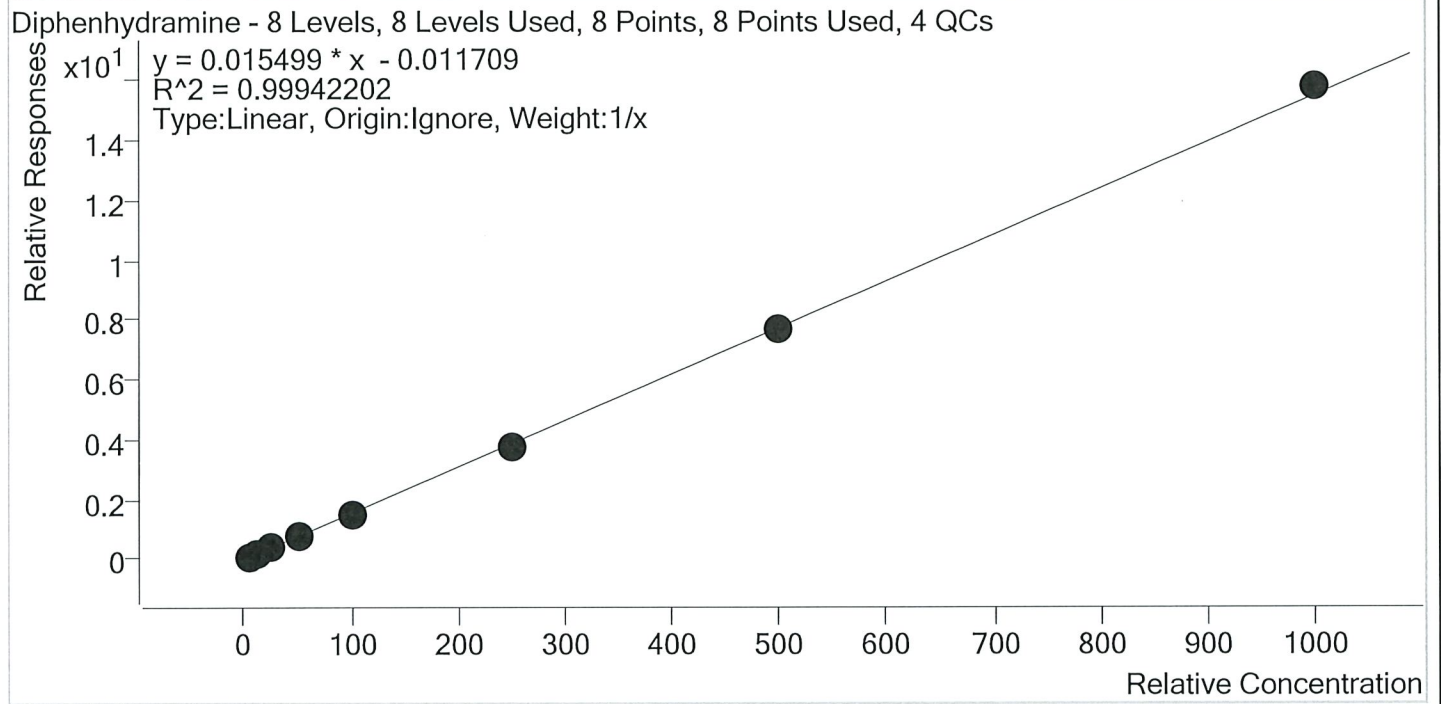
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.3 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.5 | 105.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.9 | 107.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.3 | 106.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.1 | 101.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 468.6 | 93.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 856.8 | 85.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Diphenhydramine Internal Standard Diphenhydramine-D3



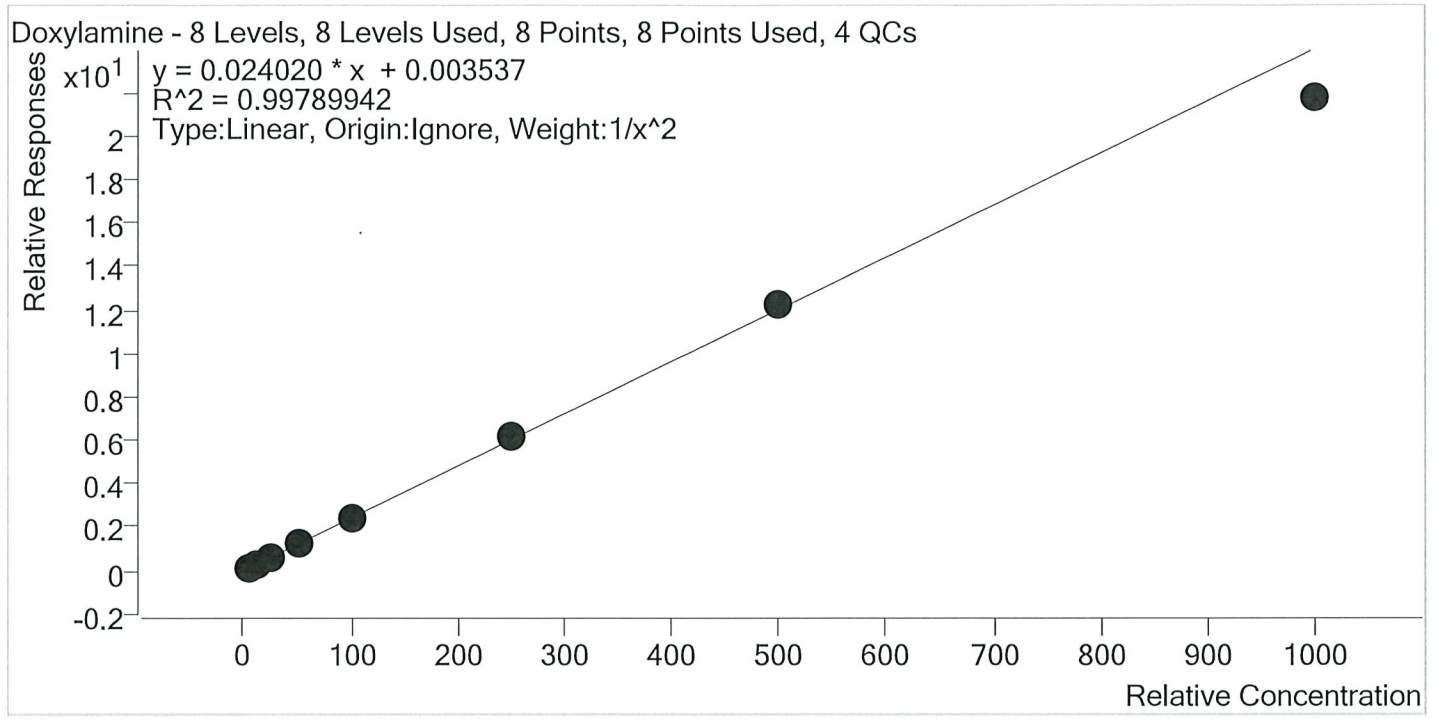
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.5 | 110.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 102.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 97.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 95.4 | 95.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 241.5 | 96.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.9 | 99.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1018.8 | 101.9 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



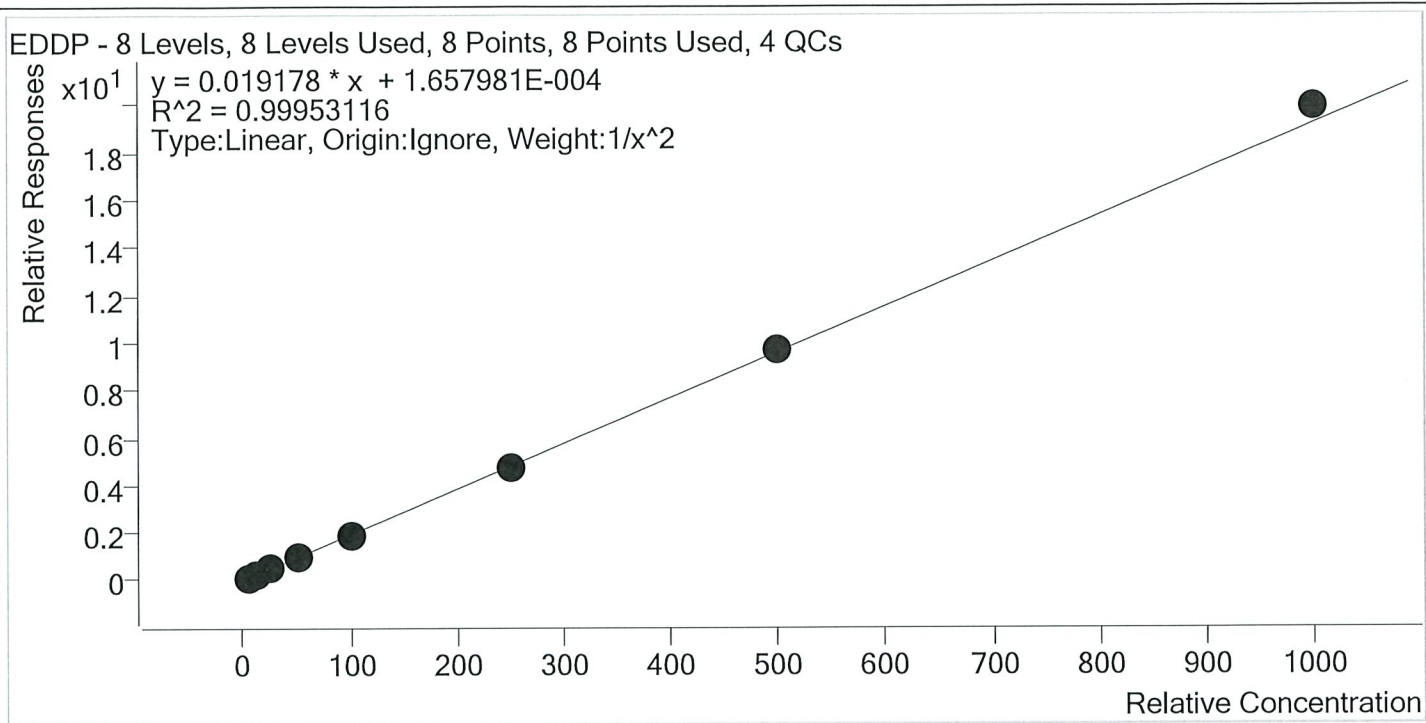
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.1 | 100.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.9 | 101.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.2 | 102.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 257.4 | 103.0 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 511.5 | 102.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 905.9 | 90.6 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte EDDP Internal Standard EDDP-D3



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.8 | 99.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.9 | 97.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.3 | 99.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 505.6 | 101.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1037.1 | 103.7 |

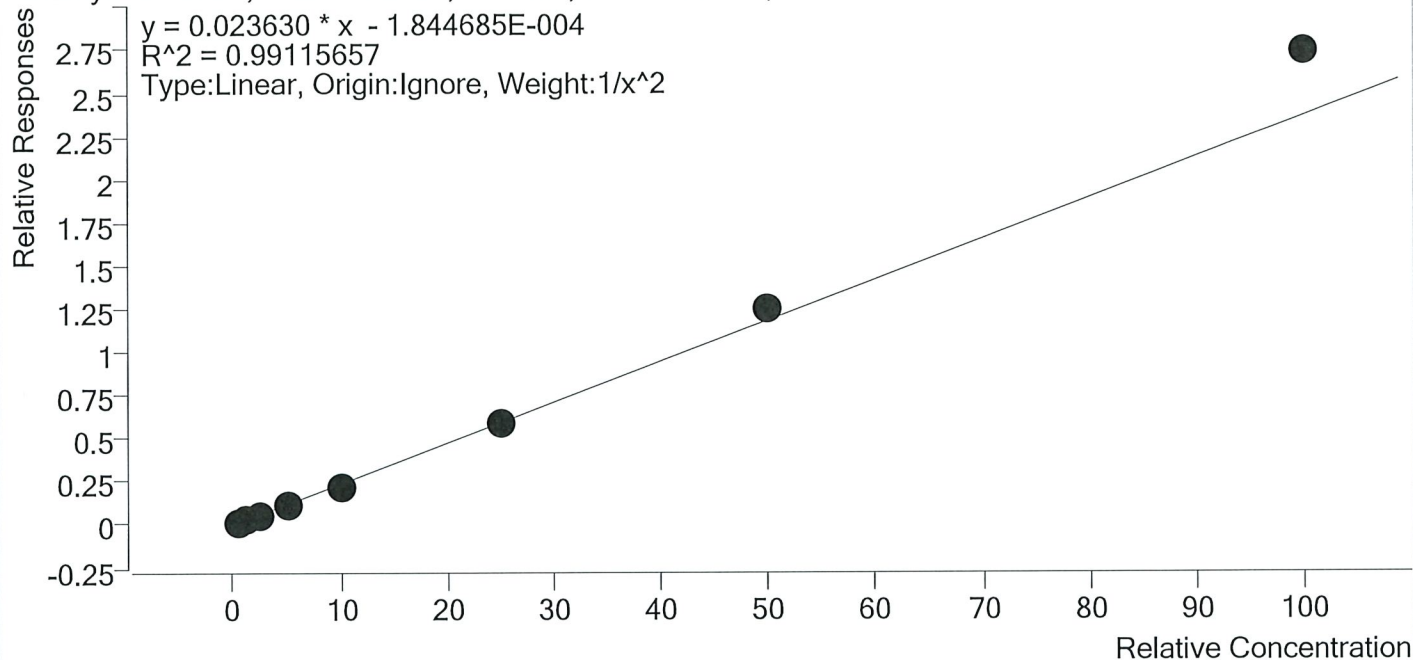
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



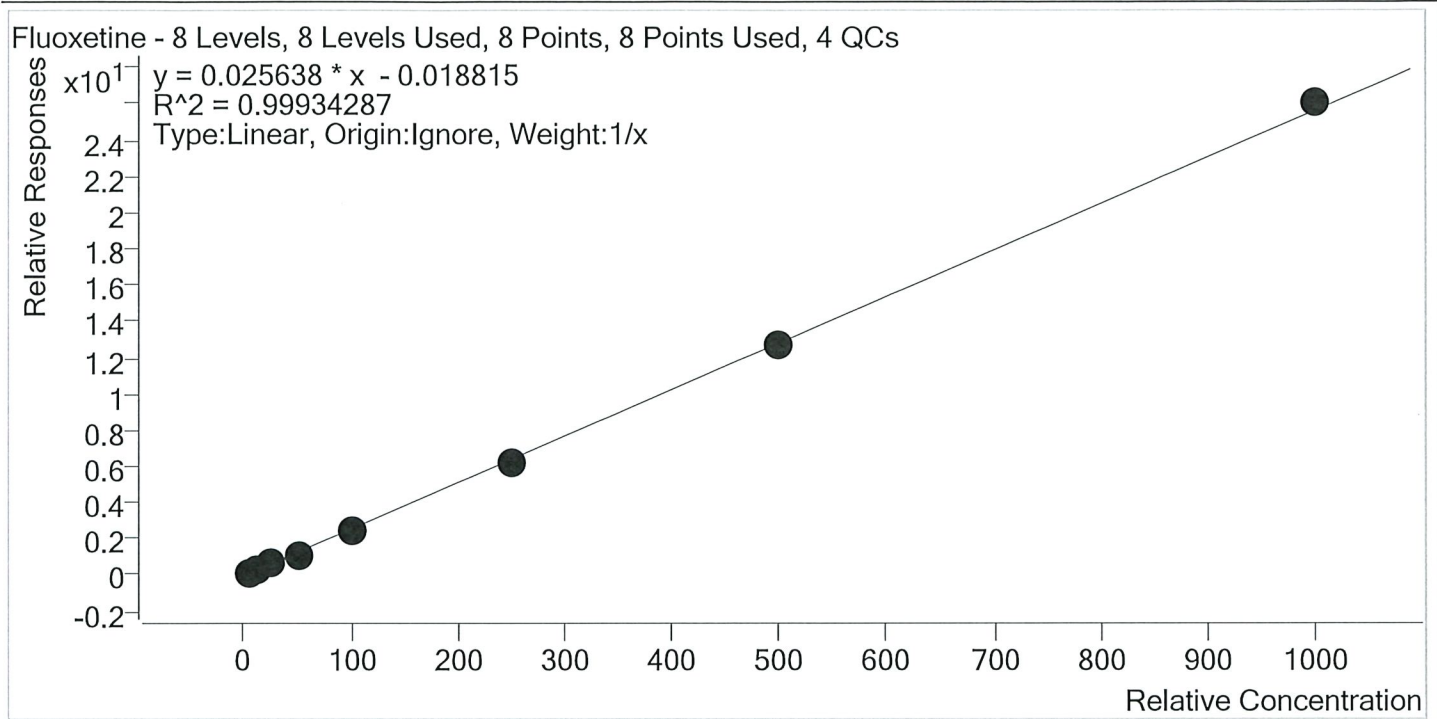
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 104.2 |
| p1 Cal 2- 10ng | 2 | ✓ | 1.0 | 1.0 | 96.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.4 | 94.0 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.5 | 90.2 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.5 | 95.0 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 24.7 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 52.8 | 105.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 115.8 | 115.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Fluoxetine Internal Standard Fluoxetine-D6



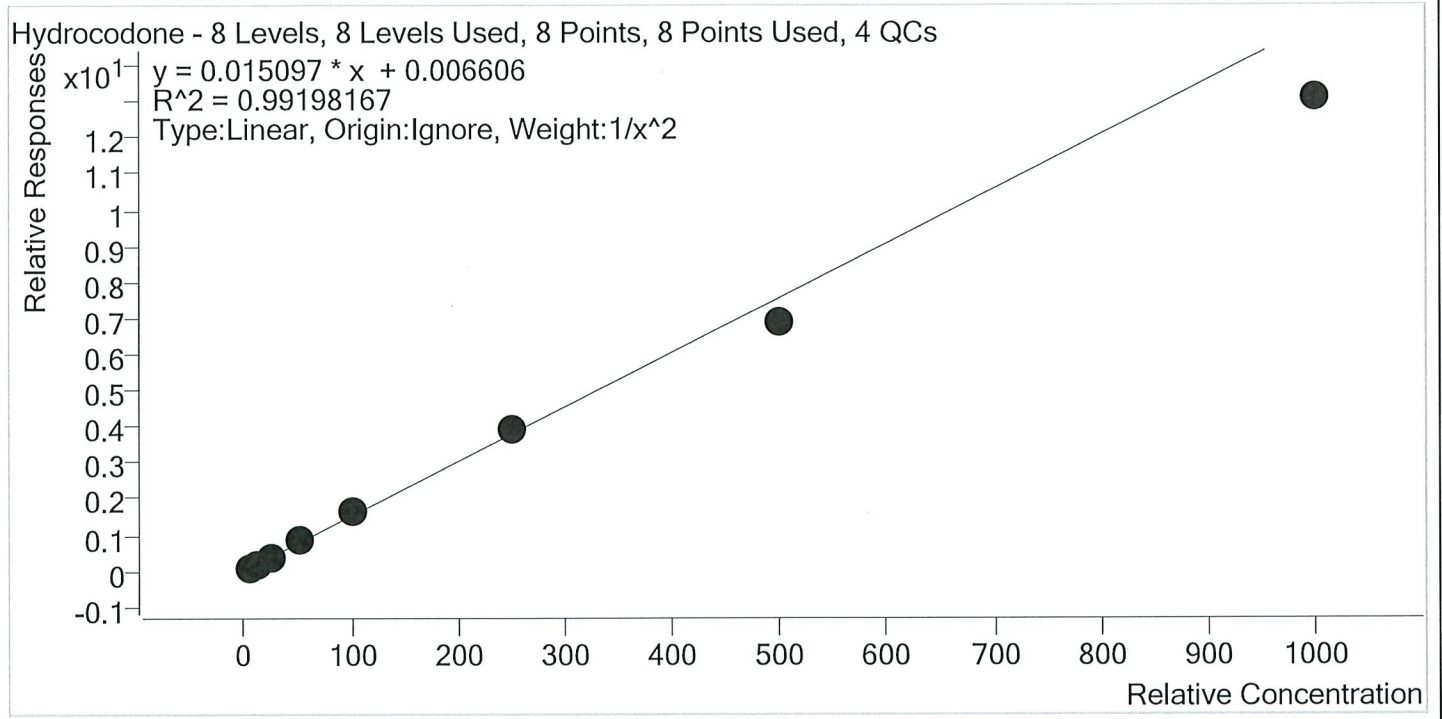
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.6 | 111.8 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.5 | 105.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 45.3 | 90.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.0 | 96.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.9 | 97.6 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 497.1 | 99.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1017.1 | 101.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Hydrocodone Internal Standard Hydrocodone-D6



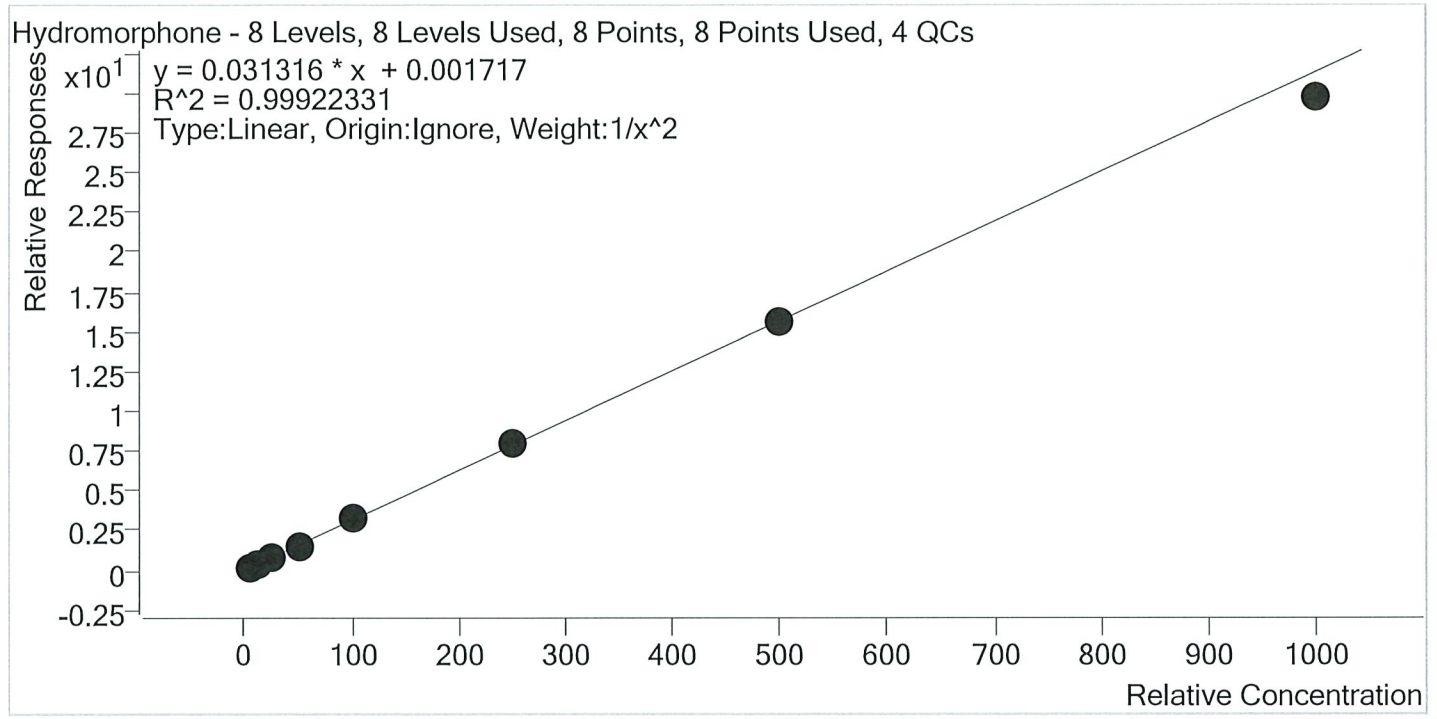
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.3 | 108.6 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.4 | 105.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.1 | 103.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 455.1 | 91.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 867.2 | 86.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



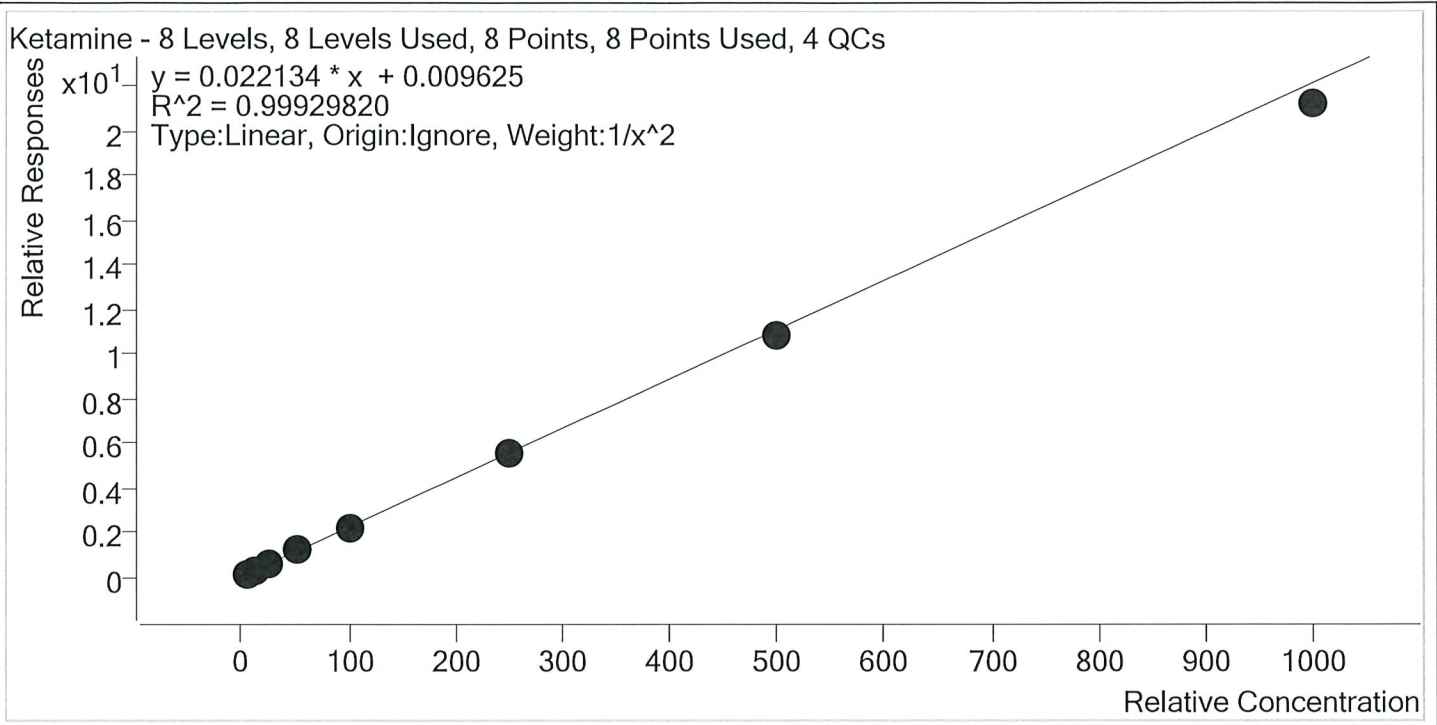
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.7 | 99.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.5 | 101.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.0 | 103.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 501.3 | 100.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 948.5 | 94.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



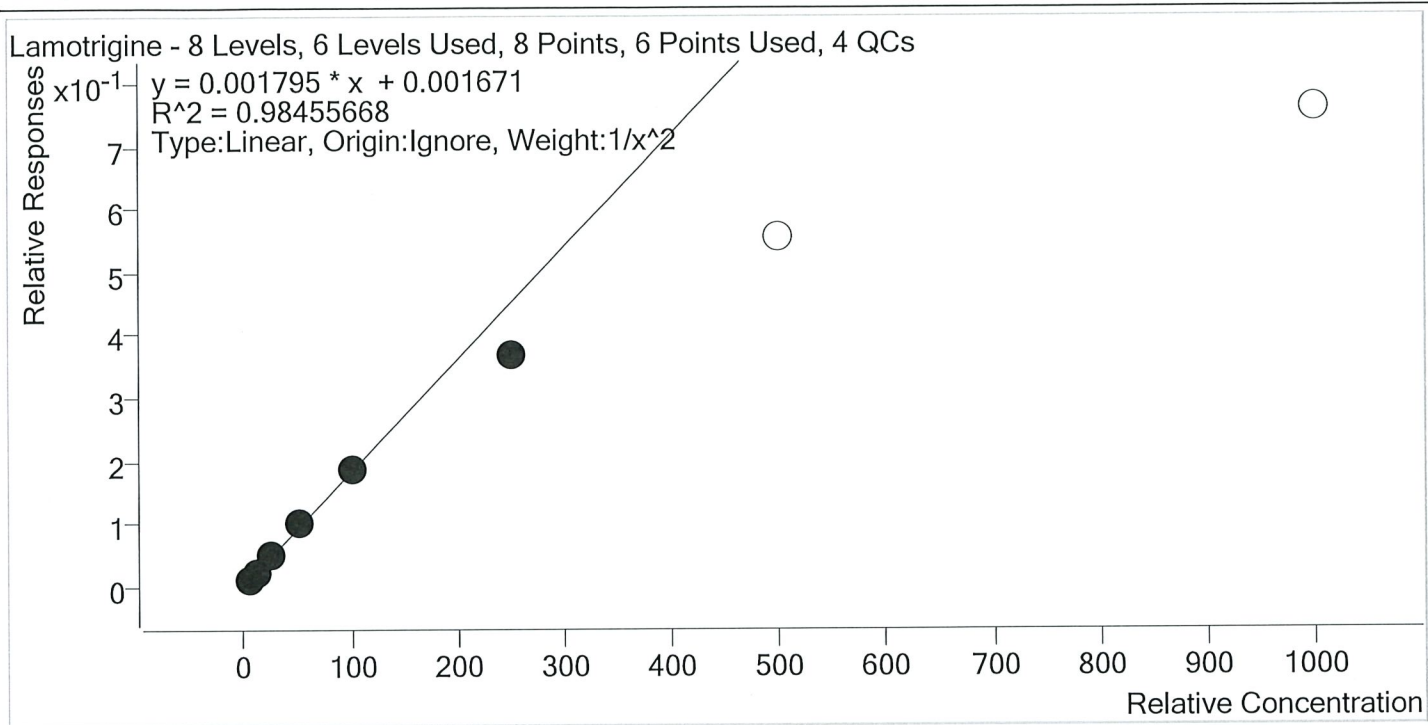
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.4 | 102.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.2 | 101.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 251.2 | 100.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 491.2 | 98.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 957.4 | 95.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



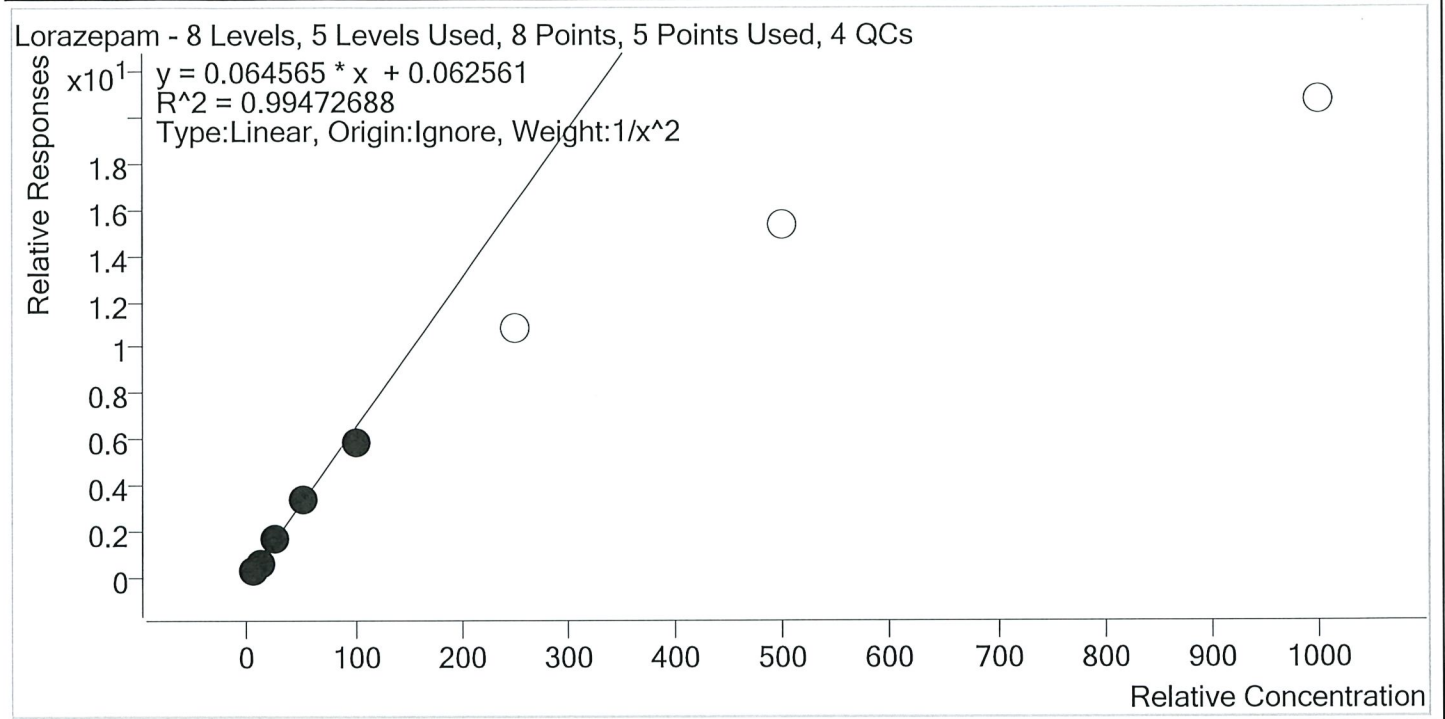
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.8 | 96.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.4 | 103.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.7 | 106.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 55.2 | 110.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.7 | 101.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 204.0 | 81.6 |
| p1 Cal 7-500ng | 7 | × | 500.0 | 307.6 | 61.5 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 422.3 | 42.2 |

15



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.3 | 105.0 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.9 | 103.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 91.1 | 91.1 |
| p1 Cal 6-250ng | 6 | × | 250.0 | 168.2 | 67.3 |
| p1 Cal 7-500ng | 7 | × | 500.0 | 236.5 | 47.3 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 319.6 | 32.0 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

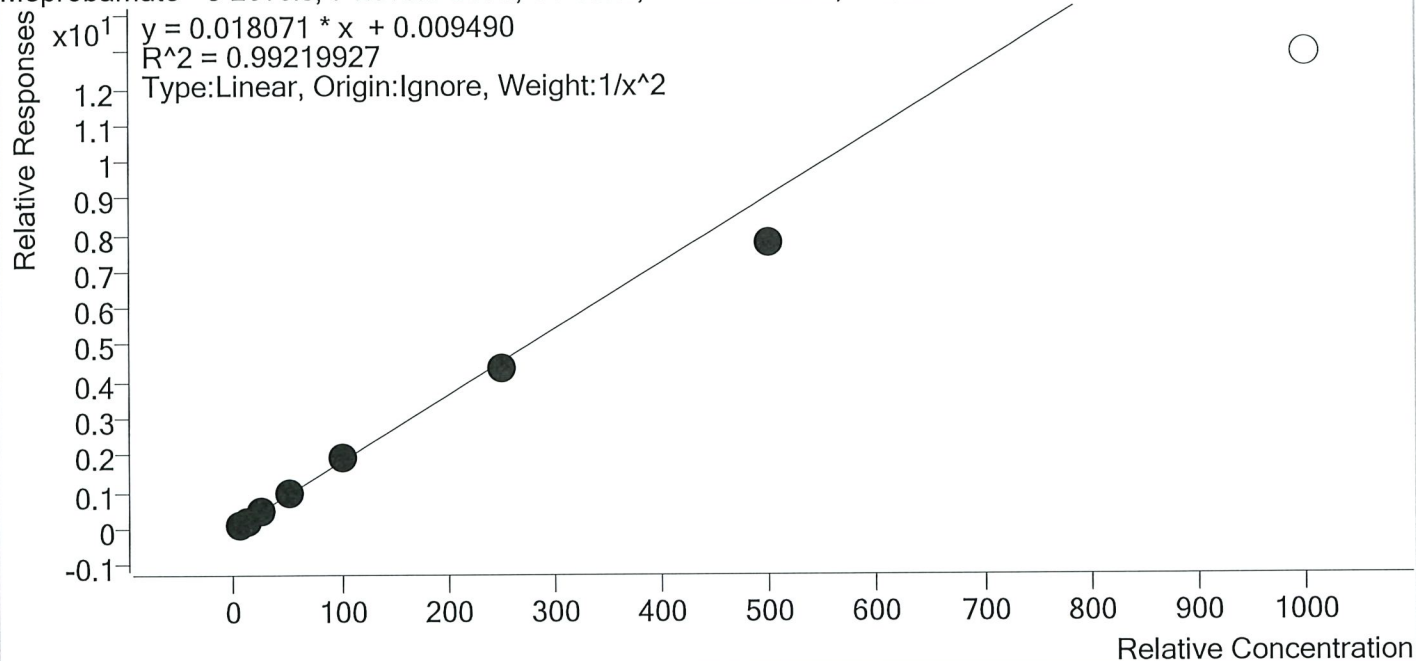
Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin

Last Cal. Update 7/28/2020 11:59 AM

Analyst Name ISP\datastor

Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



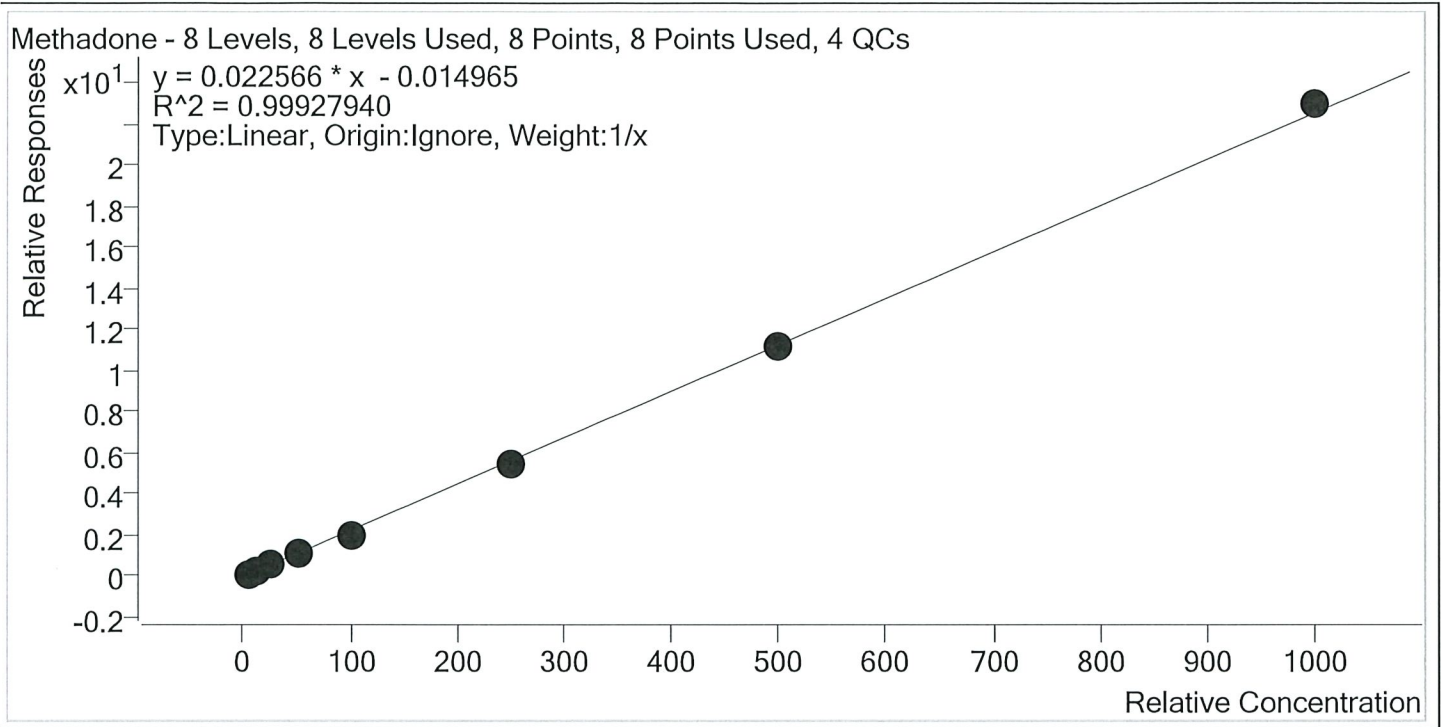
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 102.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 104.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.2 | 108.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.3 | 105.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 241.8 | 96.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 429.9 | 86.0 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 713.9 | 71.4 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



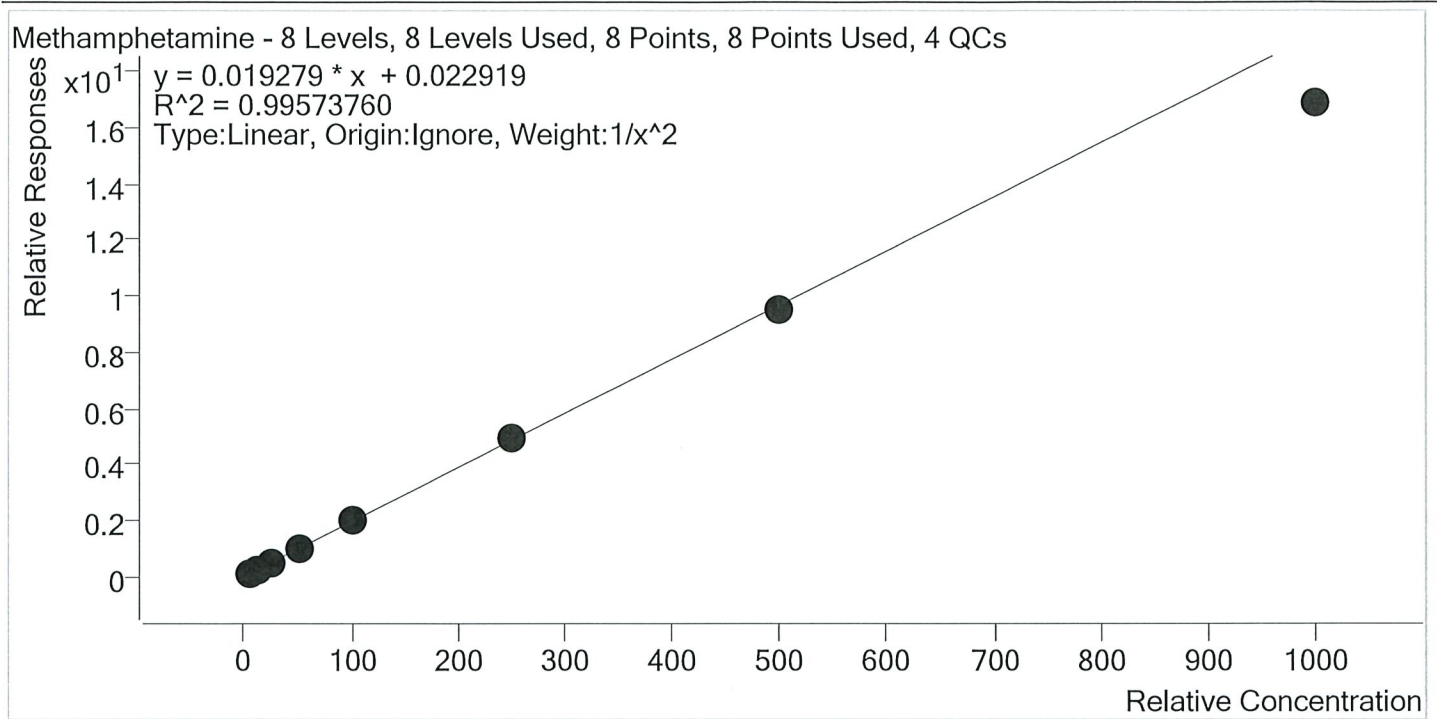
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.6 | 111.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.2 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.5 | 94.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 92.4 | 92.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 245.7 | 98.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 494.8 | 99.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1019.0 | 101.9 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Methamphetamine Internal Standard Methamphetamine-D11



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.5 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 102.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.2 | 104.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.9 | 103.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.0 | 103.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 256.0 | 102.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.1 | 99.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 873.2 | 87.3 |

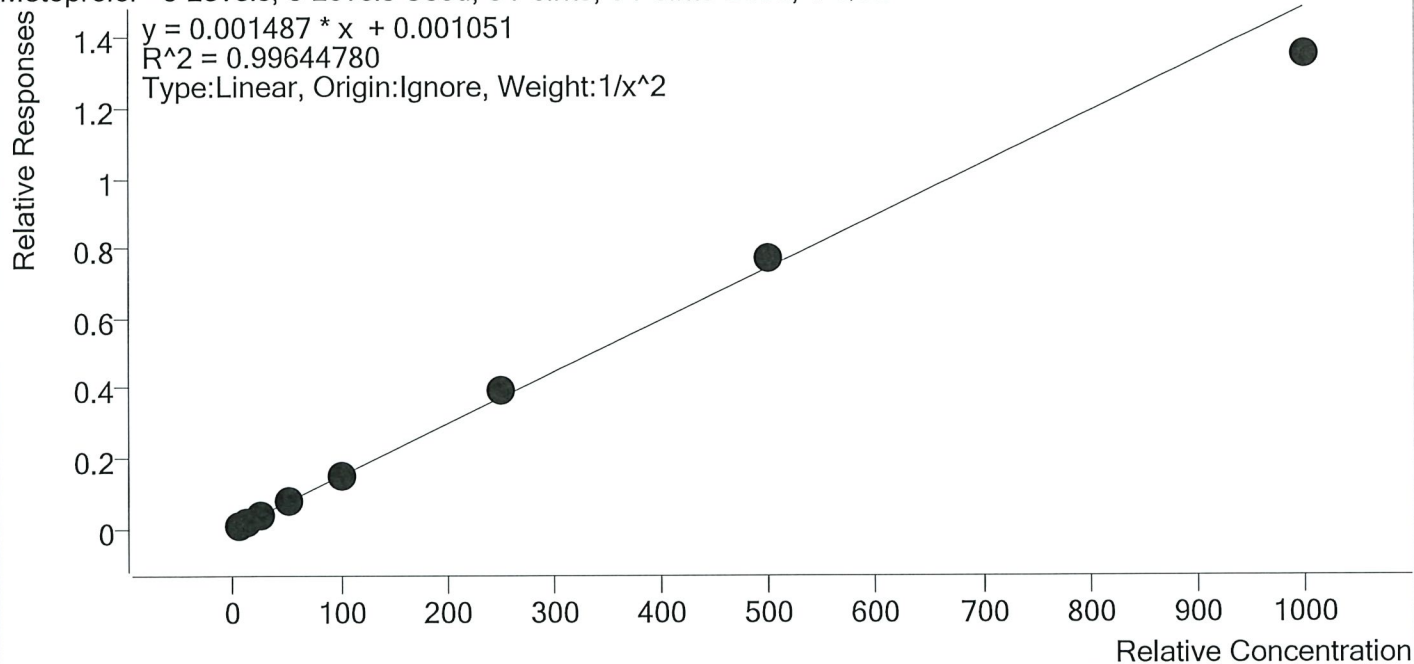
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 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



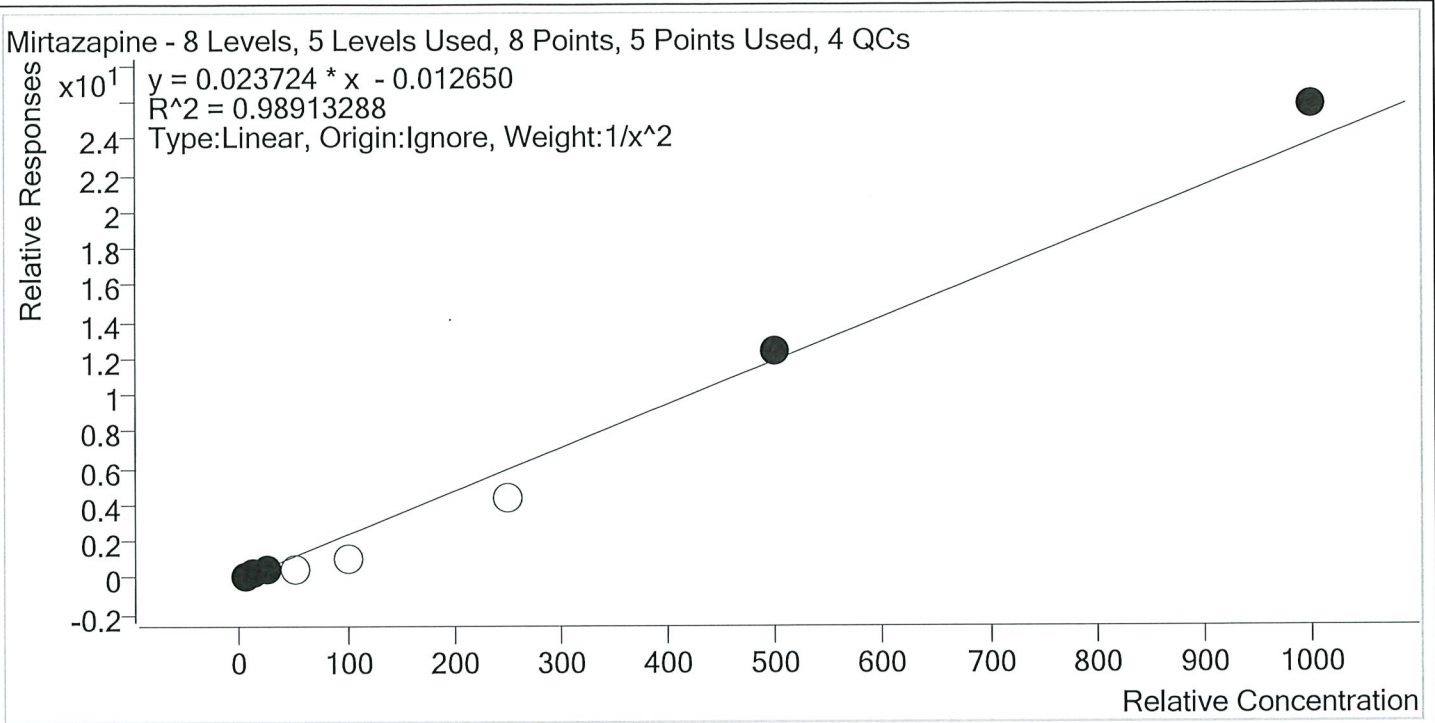
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.4 | 103.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.9 | 103.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.4 | 96.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.1 | 97.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 265.4 | 106.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 518.6 | 103.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 908.5 | 90.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Mirtazapine Internal Standard alpha-PVP-d8



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 104.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.5 | 95.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 21.8 | 87.4 |
| p1 Cal 4-50ng | 4 | × | 50.0 | 20.1 | 40.3 |
| p1 Cal 5-100ng | 5 | × | 100.0 | 43.1 | 43.1 |
| p1 Cal 6-250ng | 6 | × | 250.0 | 181.3 | 72.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 519.4 | 103.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1087.4 | 108.7 |

*Compound not evaluated. - 7-28-20 TS

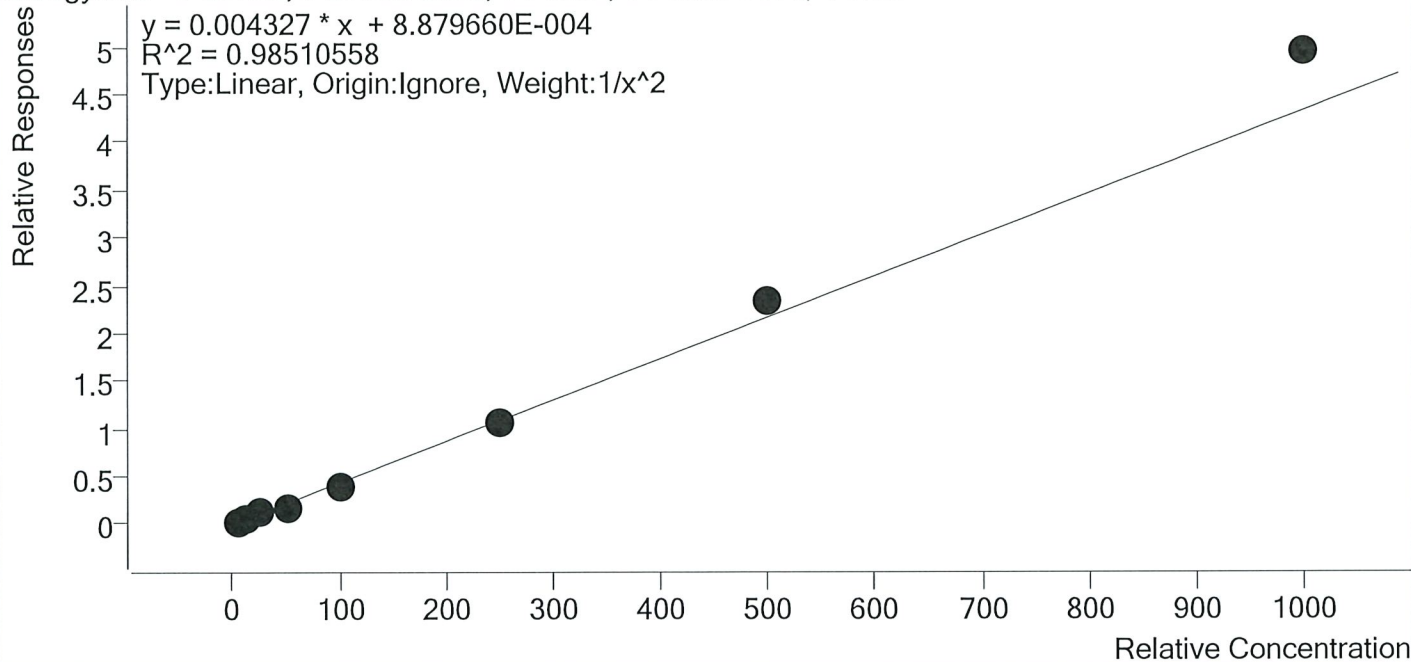
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Mitragynine Internal Standard Methadone-D9

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



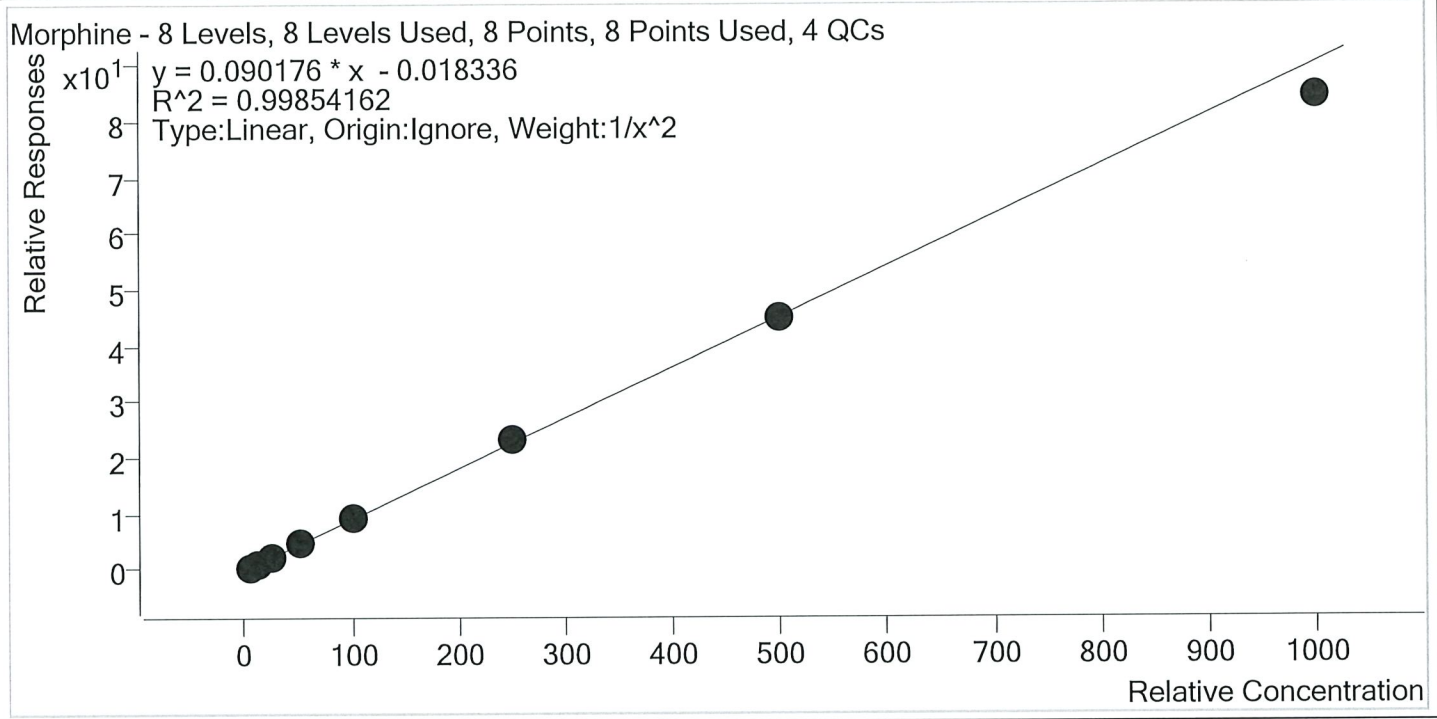
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.2 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.9 | 107.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 40.9 | 81.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 88.1 | 88.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 247.0 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 535.0 | 107.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1142.8 | 114.3 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



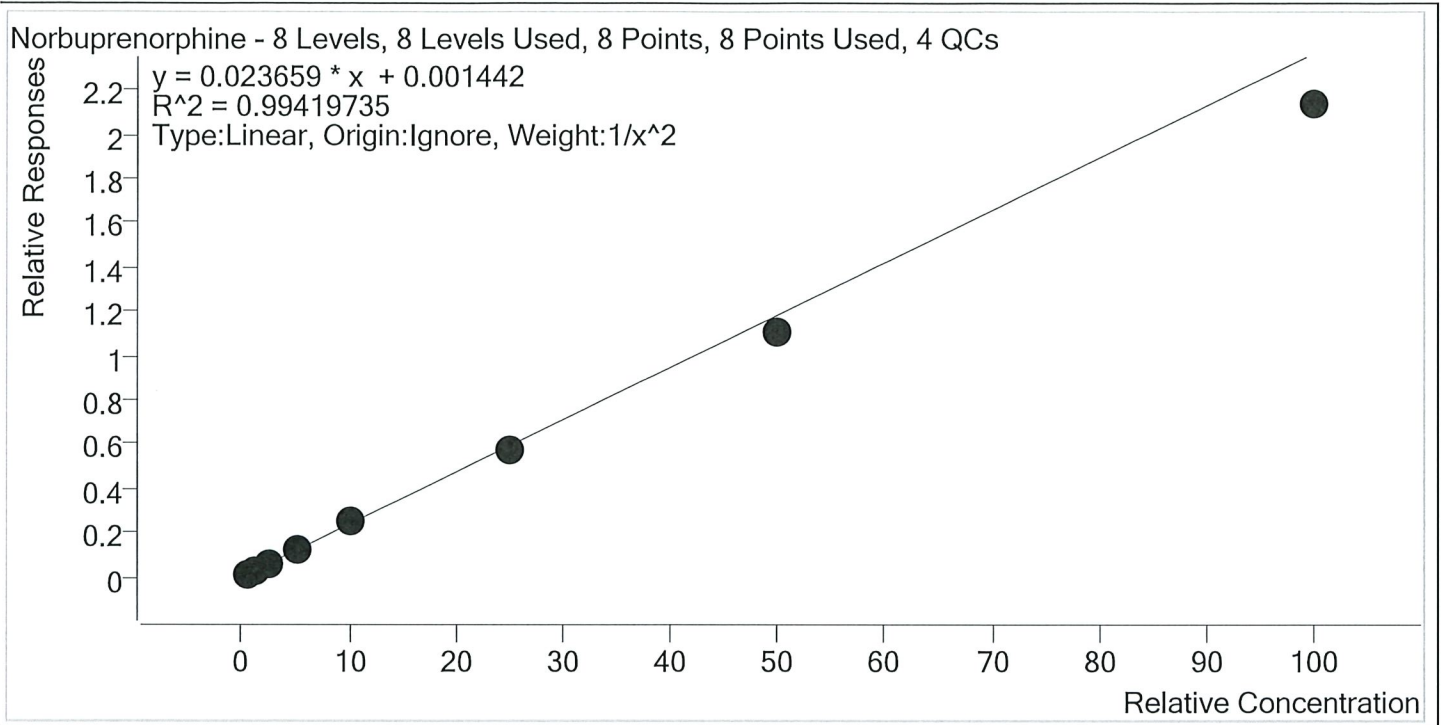
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.1 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.5 | 103.0 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.3 | 99.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 257.1 | 102.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 495.4 | 99.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 934.4 | 93.4 |

15



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



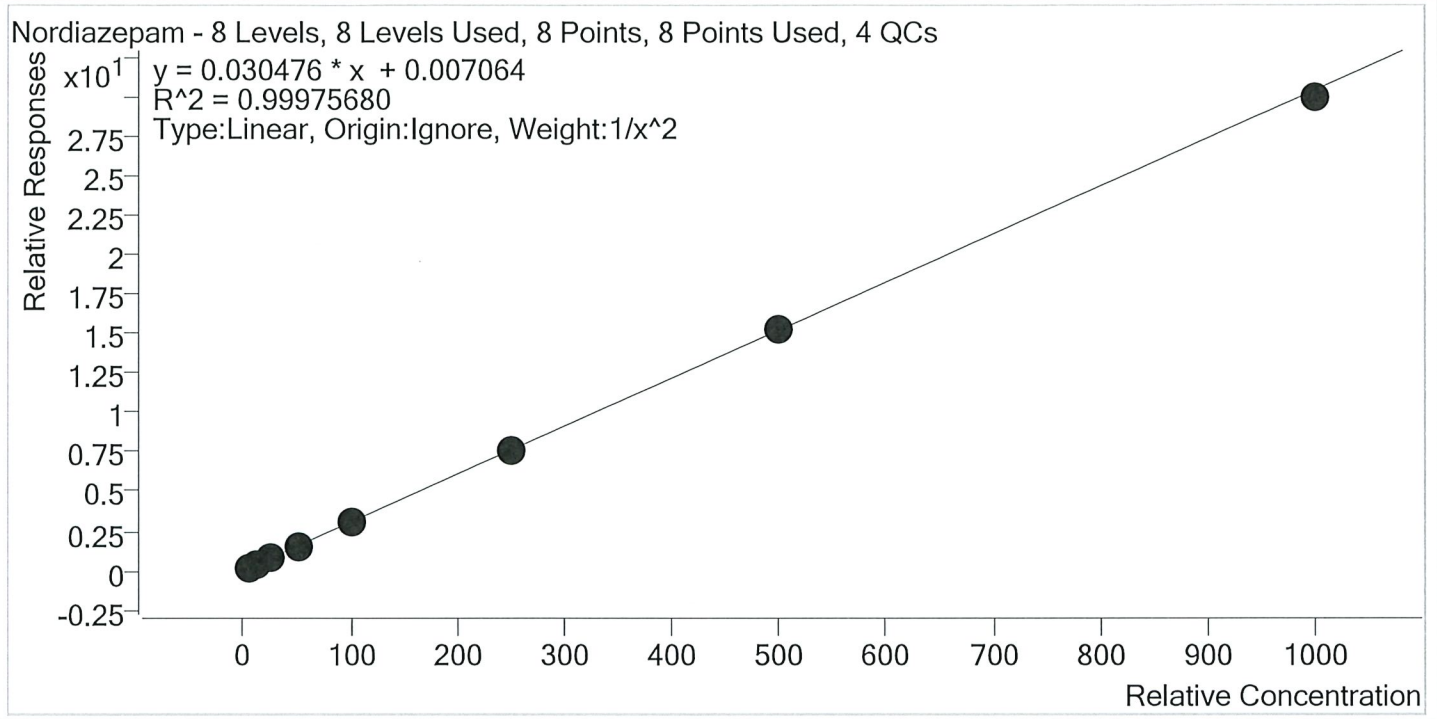
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 98.0 |
| p1 Cal 2- 10ng | 2 | ✓ | 1.0 | 1.0 | 98.9 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.7 | 107.9 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 5.4 | 108.4 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 10.5 | 105.1 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 24.5 | 98.0 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 46.7 | 93.3 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 90.3 | 90.3 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



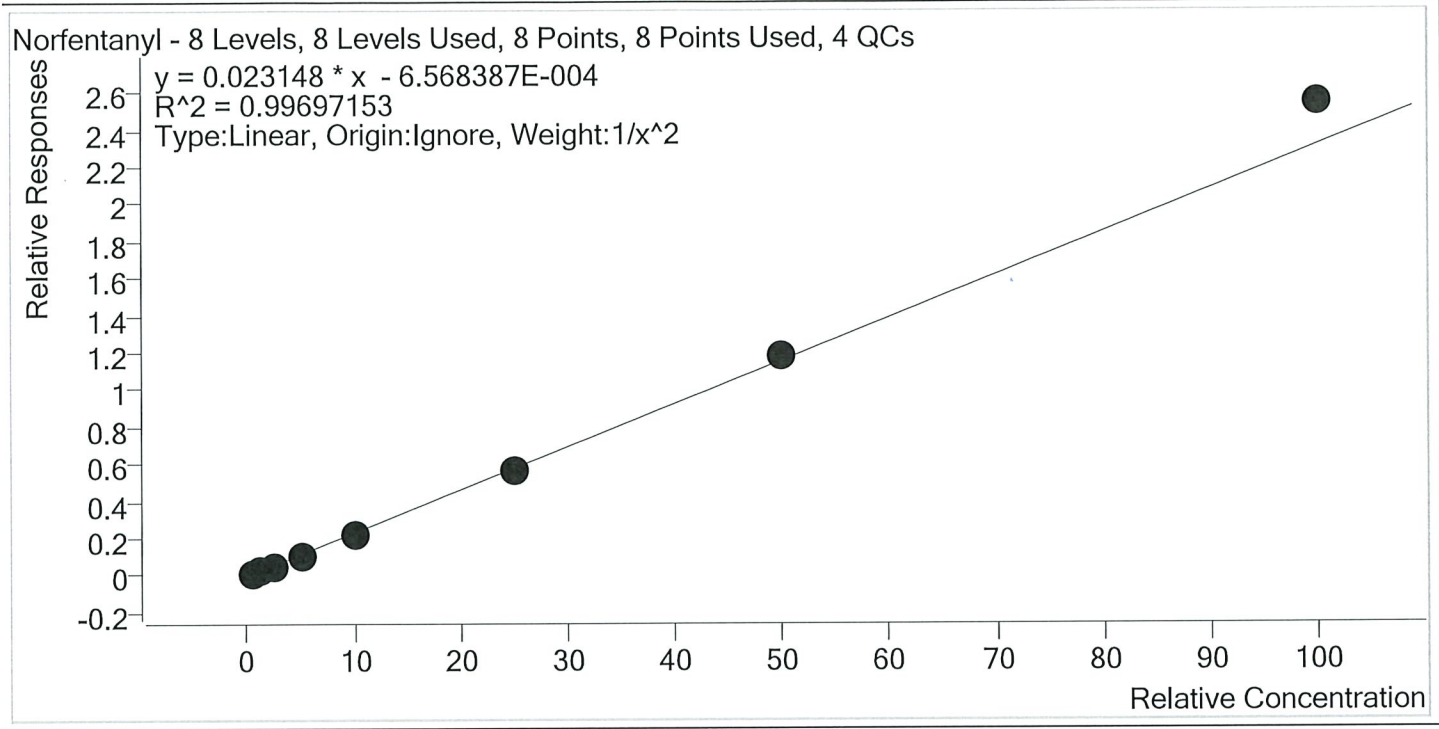
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.8 | 99.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.4 | 102.8 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.9 | 98.9 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.7 | 100.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 500.0 | 100.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 984.0 | 98.4 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 0.5 | 0.5 | 102.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 1.0 | 1.0 | 97.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 2.5 | 2.4 | 95.6 |
| p1 Cal 4-50ng | 4 | ✓ | 5.0 | 4.8 | 96.2 |
| p1 Cal 5-100ng | 5 | ✓ | 10.0 | 9.8 | 97.6 |
| p1 Cal 6-250ng | 6 | ✓ | 25.0 | 24.6 | 98.5 |
| p1 Cal 7-500ng | 7 | ✓ | 50.0 | 51.1 | 102.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 100.0 | 110.0 | 110.0 |

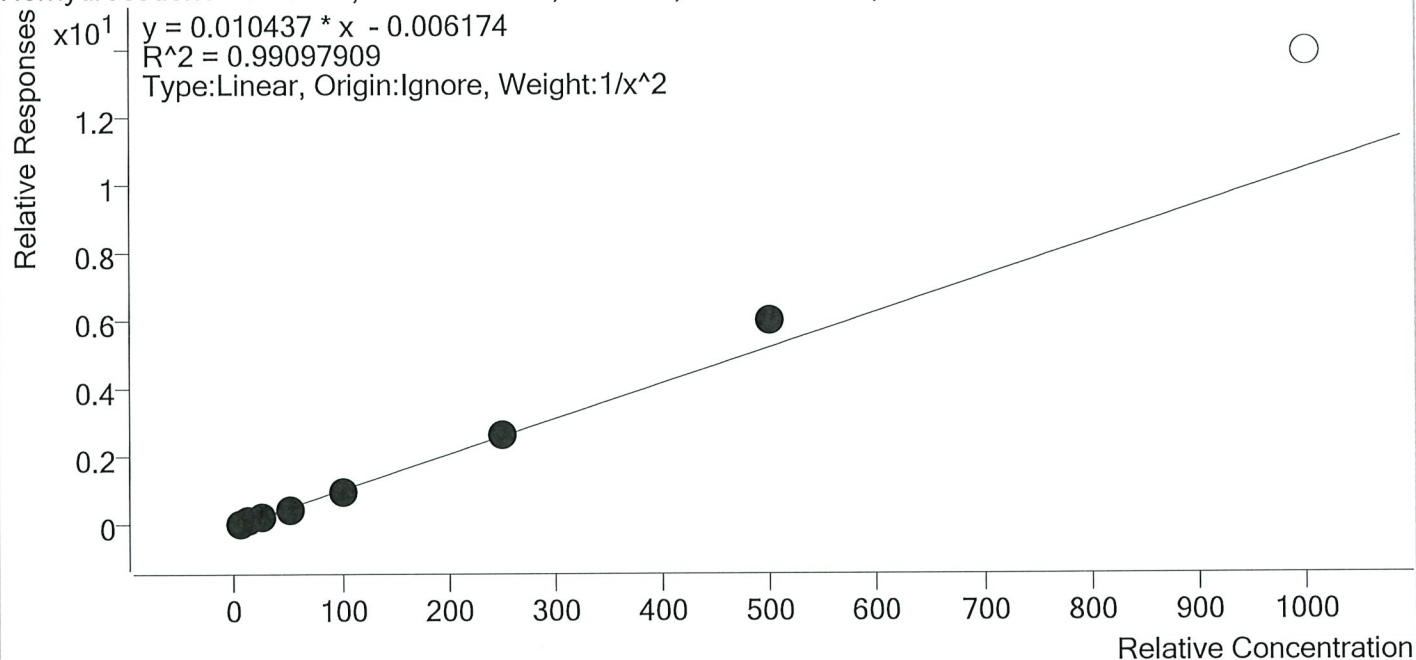
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



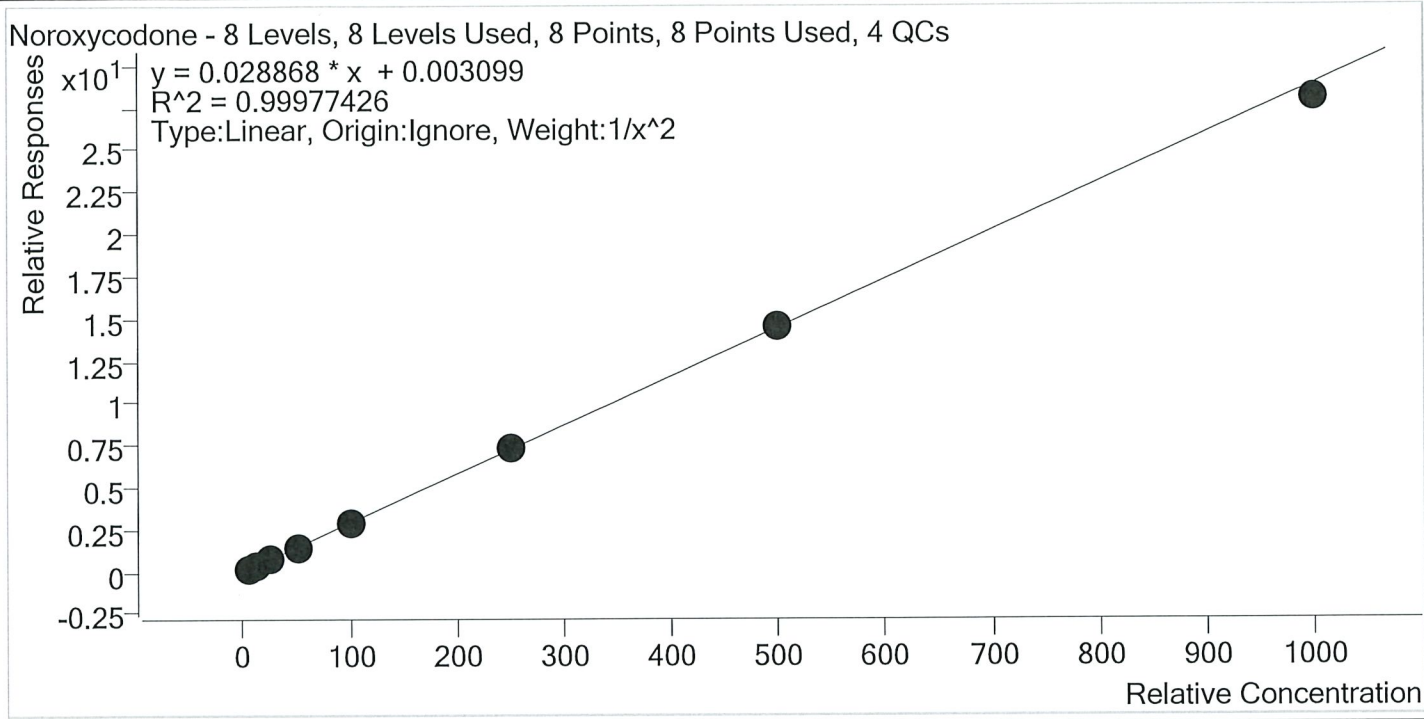
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.2 | 103.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.6 | 95.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 45.3 | 90.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 94.8 | 94.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.3 | 103.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 574.6 | 114.9 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 1326.9 | 132.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



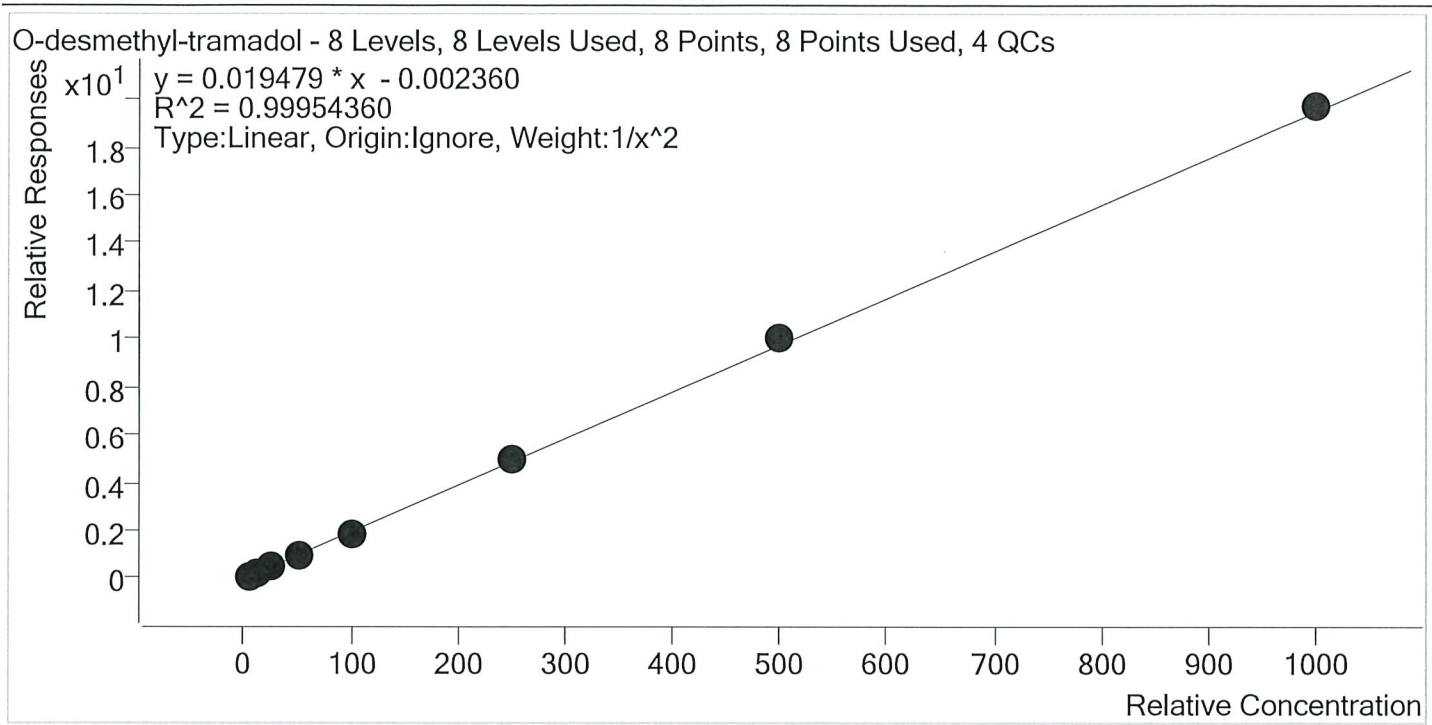
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.9 | 99.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.2 | 100.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 100.8 | 100.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.2 | 100.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 505.2 | 101.0 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 971.1 | 97.1 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



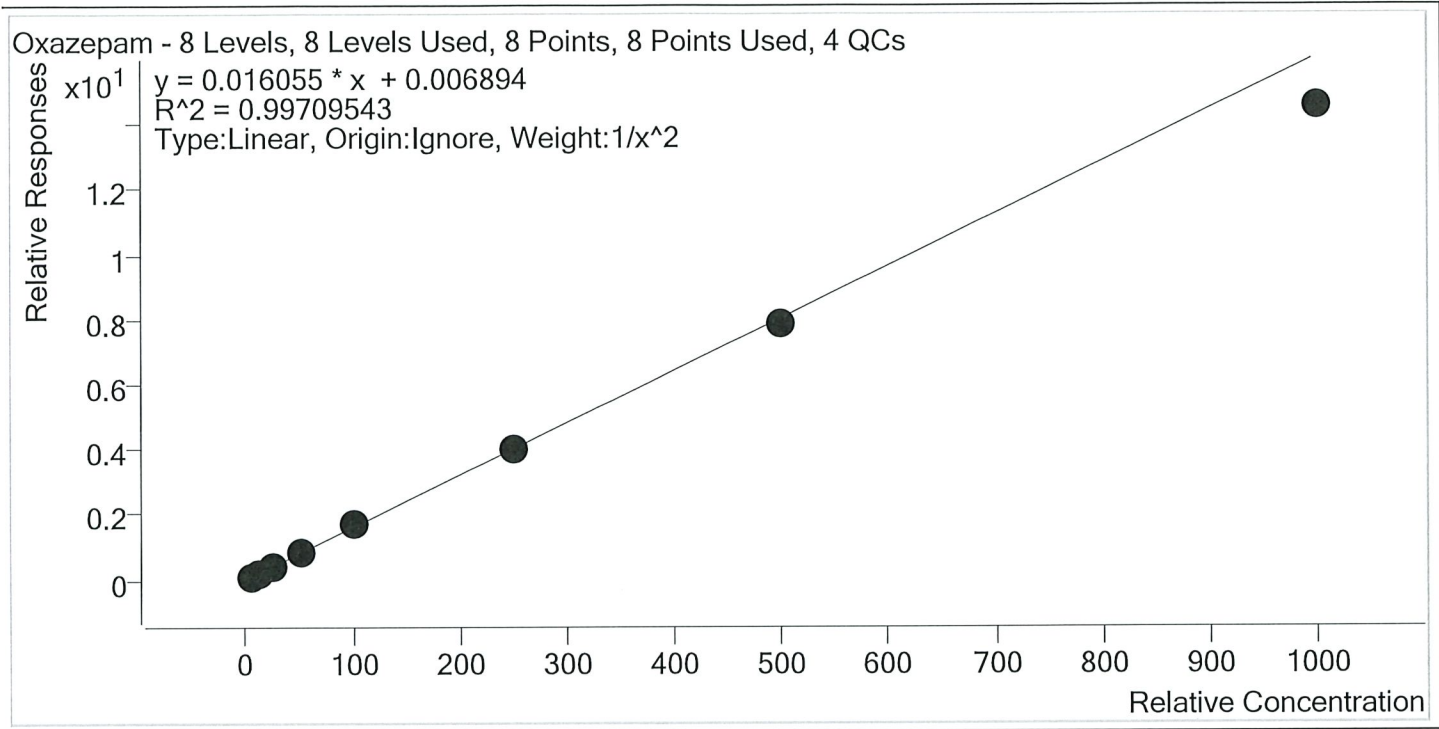
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.3 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.8 | 98.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 97.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 49.6 | 99.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 98.0 | 98.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 253.2 | 101.3 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 513.8 | 102.8 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1011.4 | 101.1 |

15



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



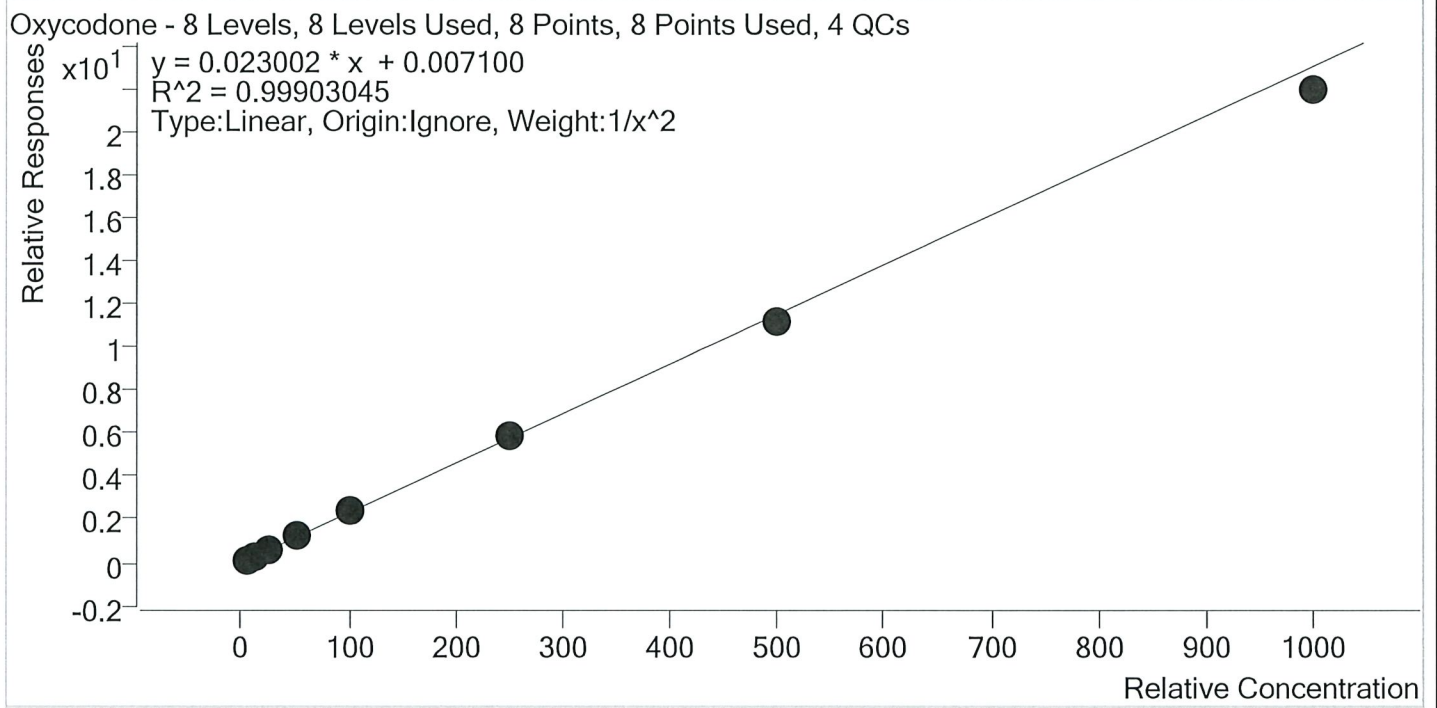
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 99.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.6 | 102.4 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.8 | 105.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 104.5 | 104.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 488.7 | 97.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 905.1 | 90.5 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.2 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.7 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 51.9 | 103.9 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 102.3 | 102.3 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 252.1 | 100.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 487.6 | 97.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 952.2 | 95.2 |

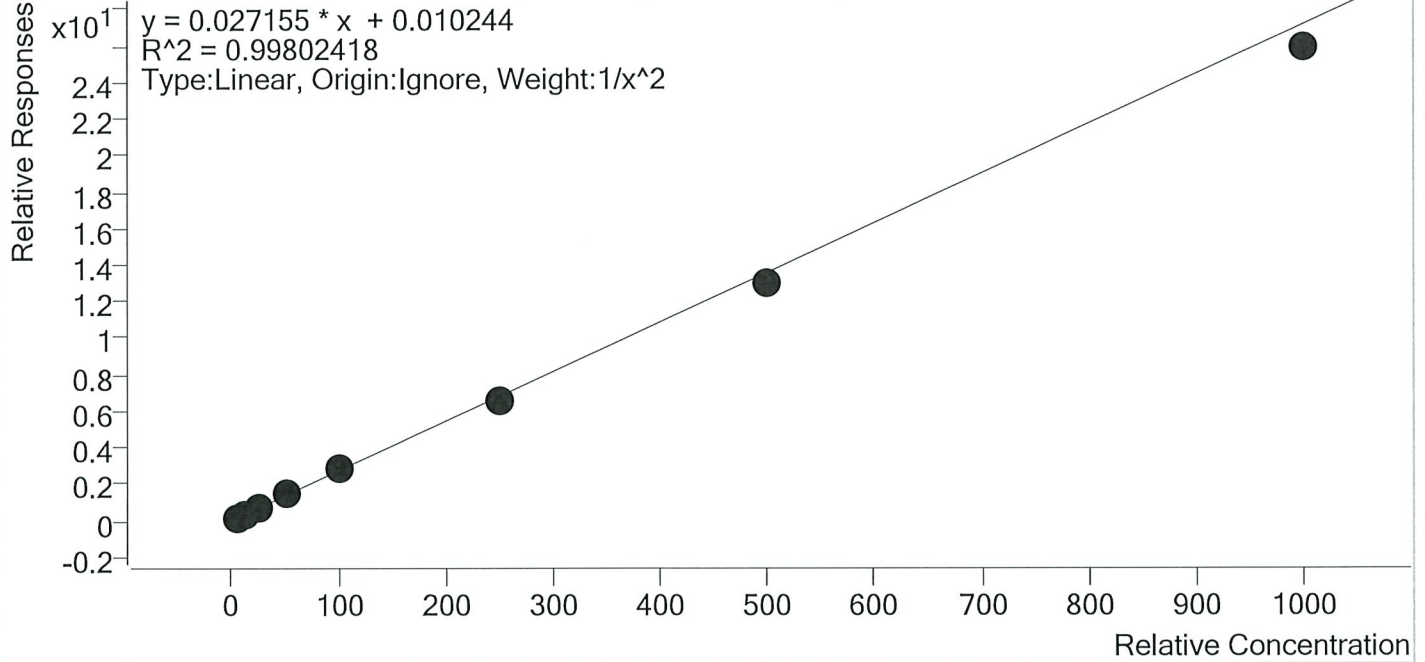
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



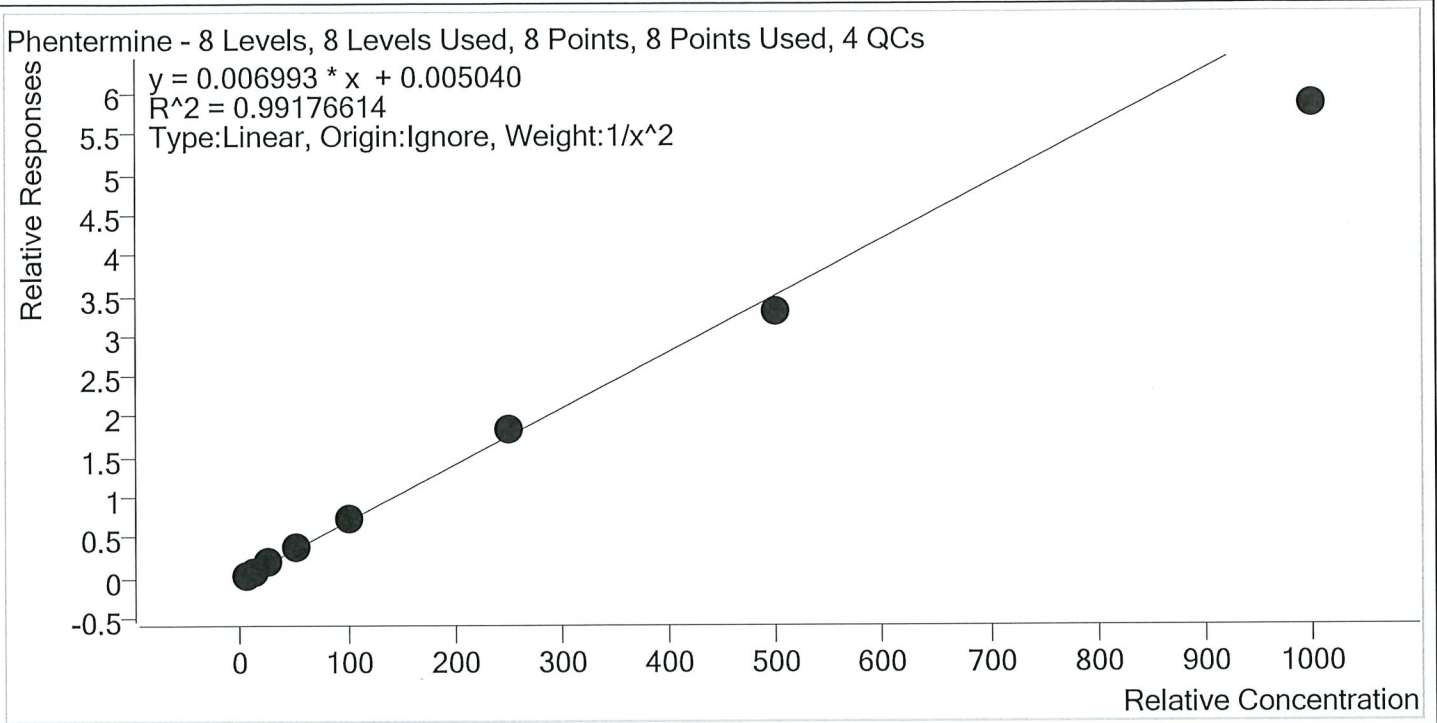
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.0 | 103.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 52.7 | 105.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 103.2 | 103.2 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 244.5 | 97.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 477.9 | 95.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 953.2 | 95.3 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



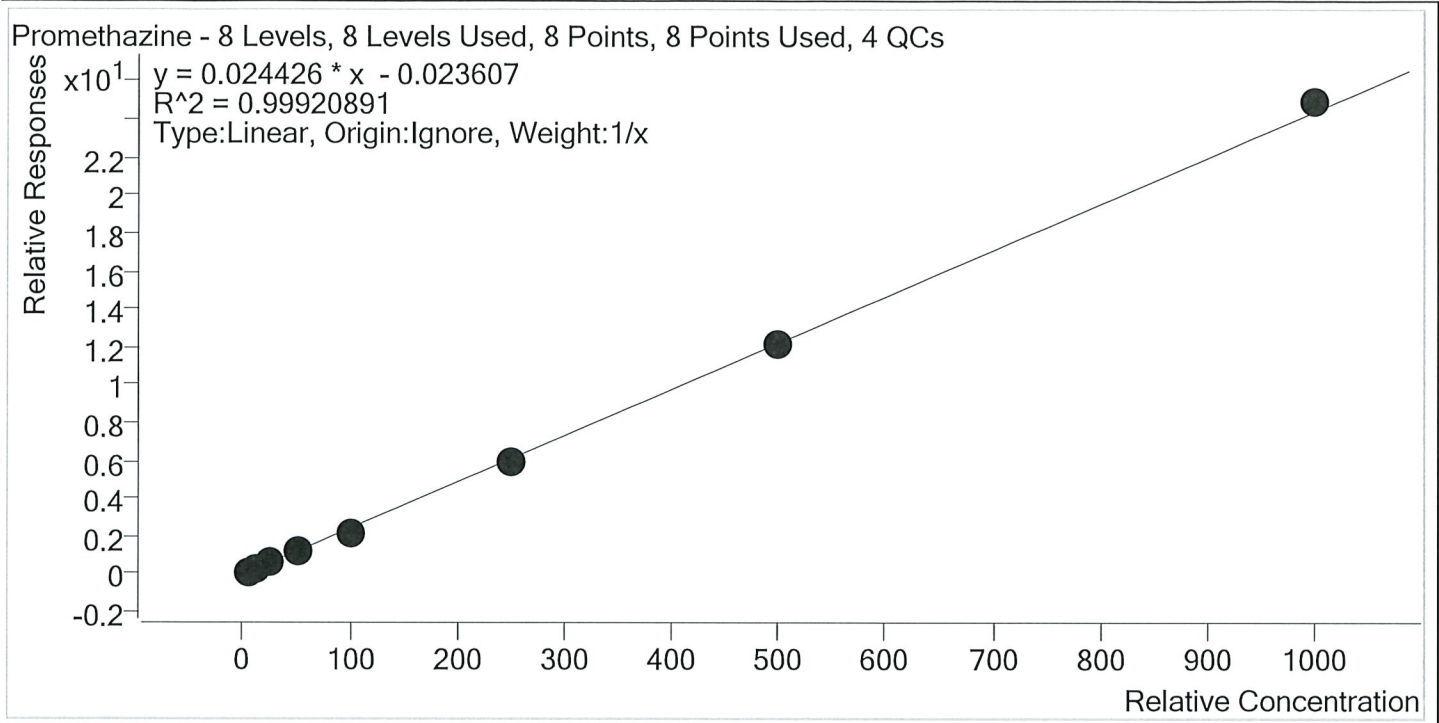
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 97.1 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 26.3 | 105.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.7 | 107.5 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 105.7 | 105.7 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 261.2 | 104.5 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 473.4 | 94.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 837.4 | 83.7 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Promethazine Internal Standard Promethazine-D3



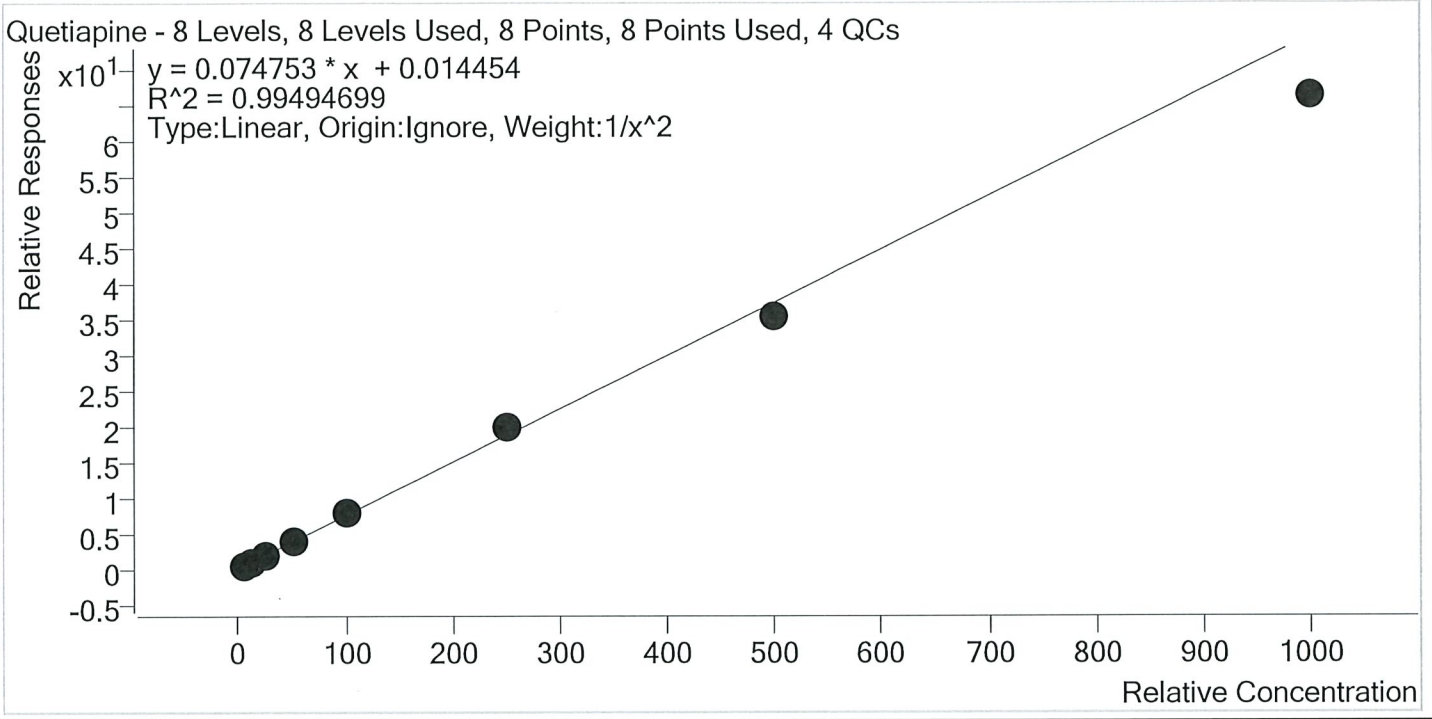
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.6 | 111.5 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 103.2 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.1 | 96.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 92.5 | 92.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 243.4 | 97.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 494.4 | 98.9 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1021.1 | 102.1 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



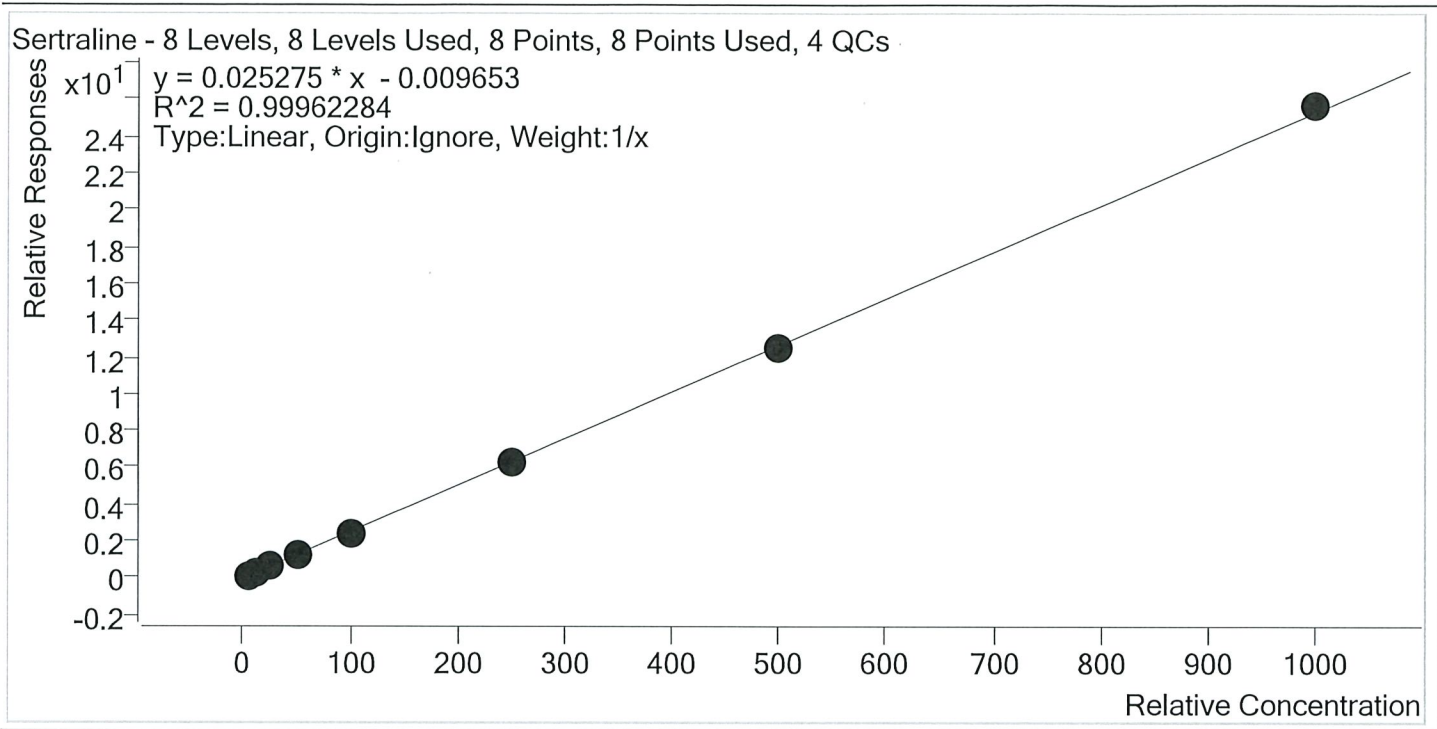
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 99.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 53.1 | 106.3 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.5 | 106.5 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 262.3 | 104.9 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 470.3 | 94.1 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 888.7 | 88.9 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Sertraline Internal Standard Sertraline-D3



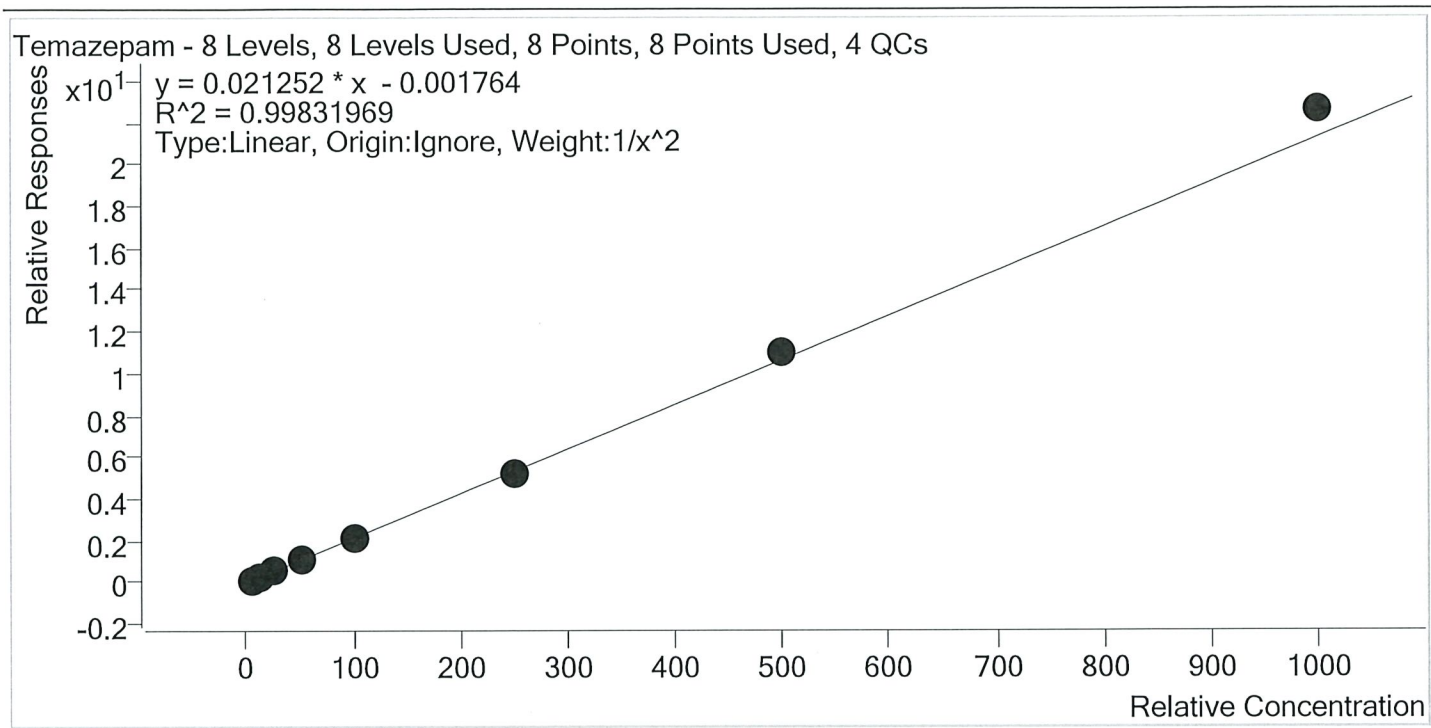
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.3 | 105.7 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.3 | 102.7 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.6 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 47.6 | 95.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 95.8 | 95.8 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.6 | 100.2 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 491.2 | 98.2 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1014.1 | 101.4 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



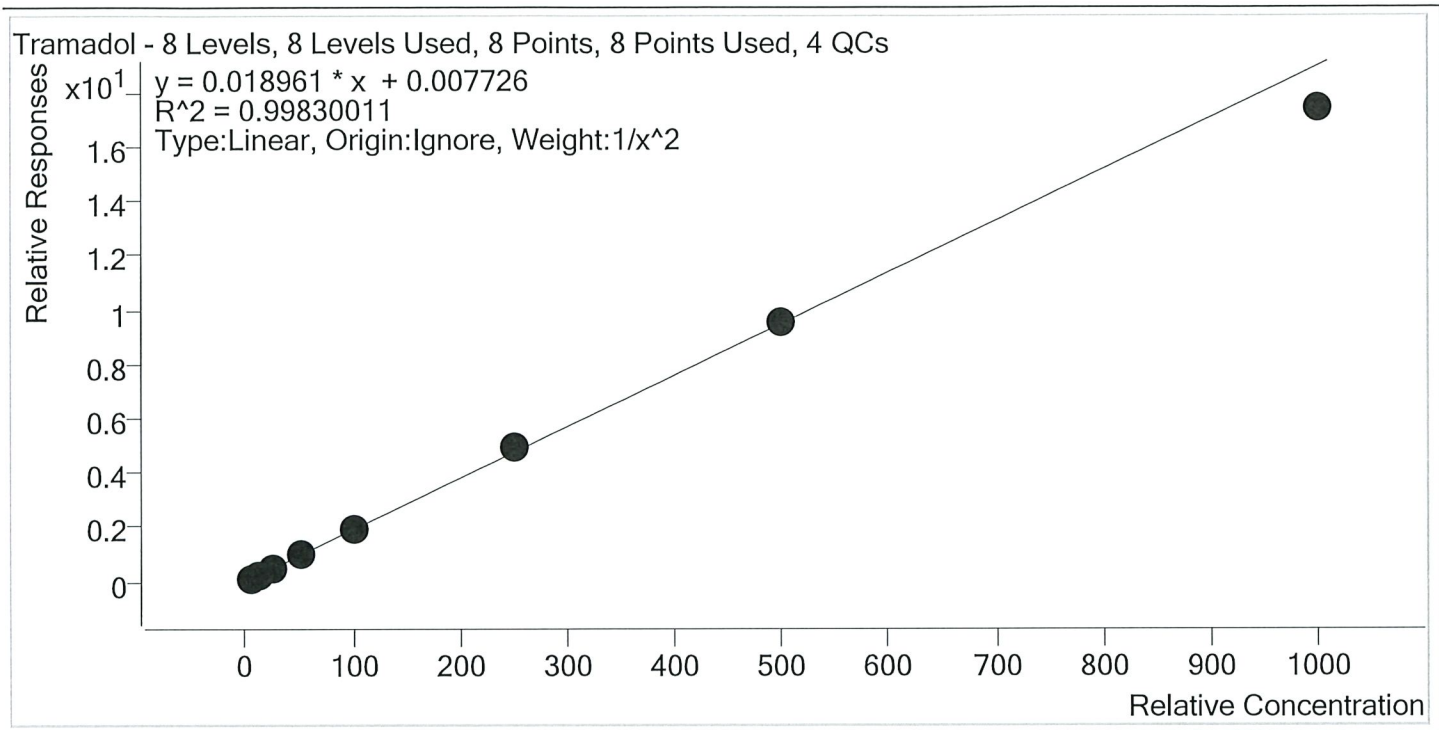
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.1 | 101.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 98.8 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.4 | 97.5 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 96.6 | 96.6 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 248.6 | 99.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 518.1 | 103.6 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1062.5 | 106.3 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Tramadol Internal Standard Tramadol-13C-D3



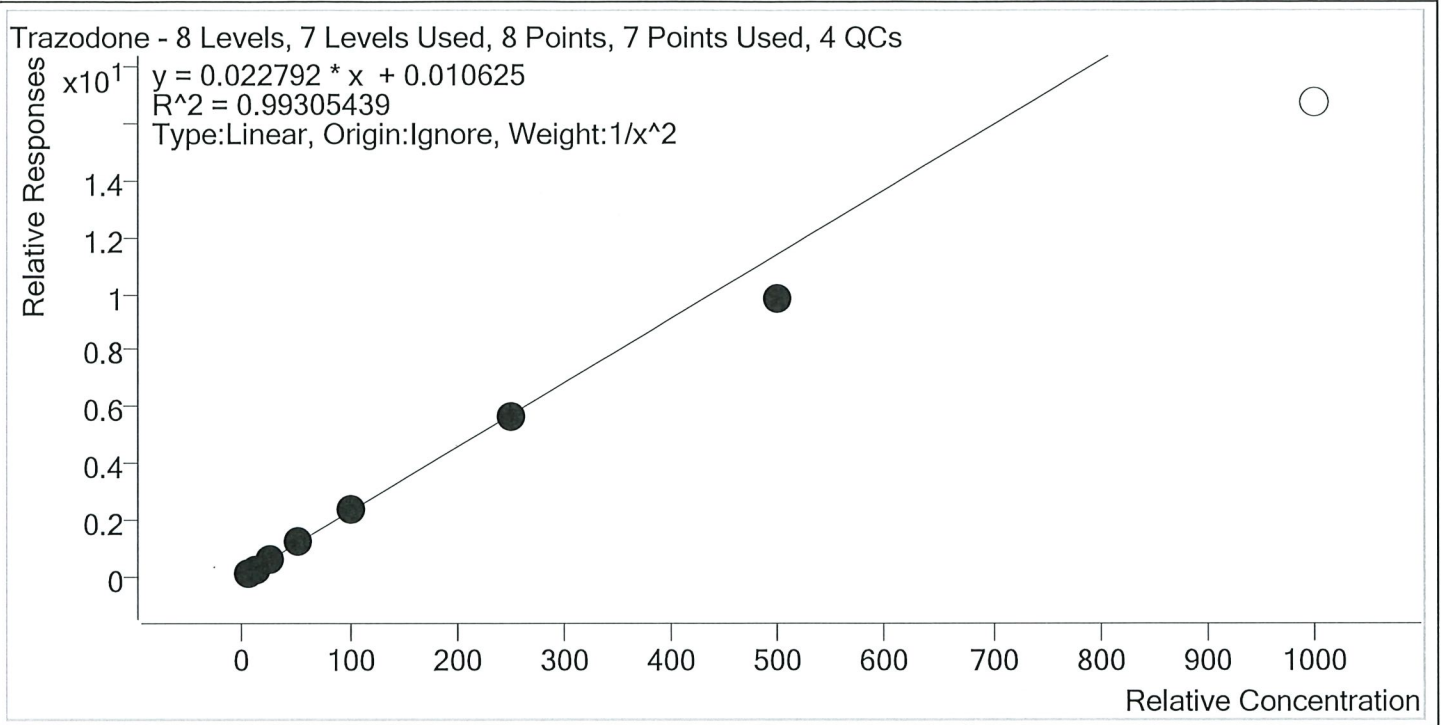
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 4.9 | 98.9 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.9 | 101.7 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 101.4 | 101.4 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 259.2 | 103.7 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 502.2 | 100.4 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 917.7 | 91.8 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/28/2020 11:59 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



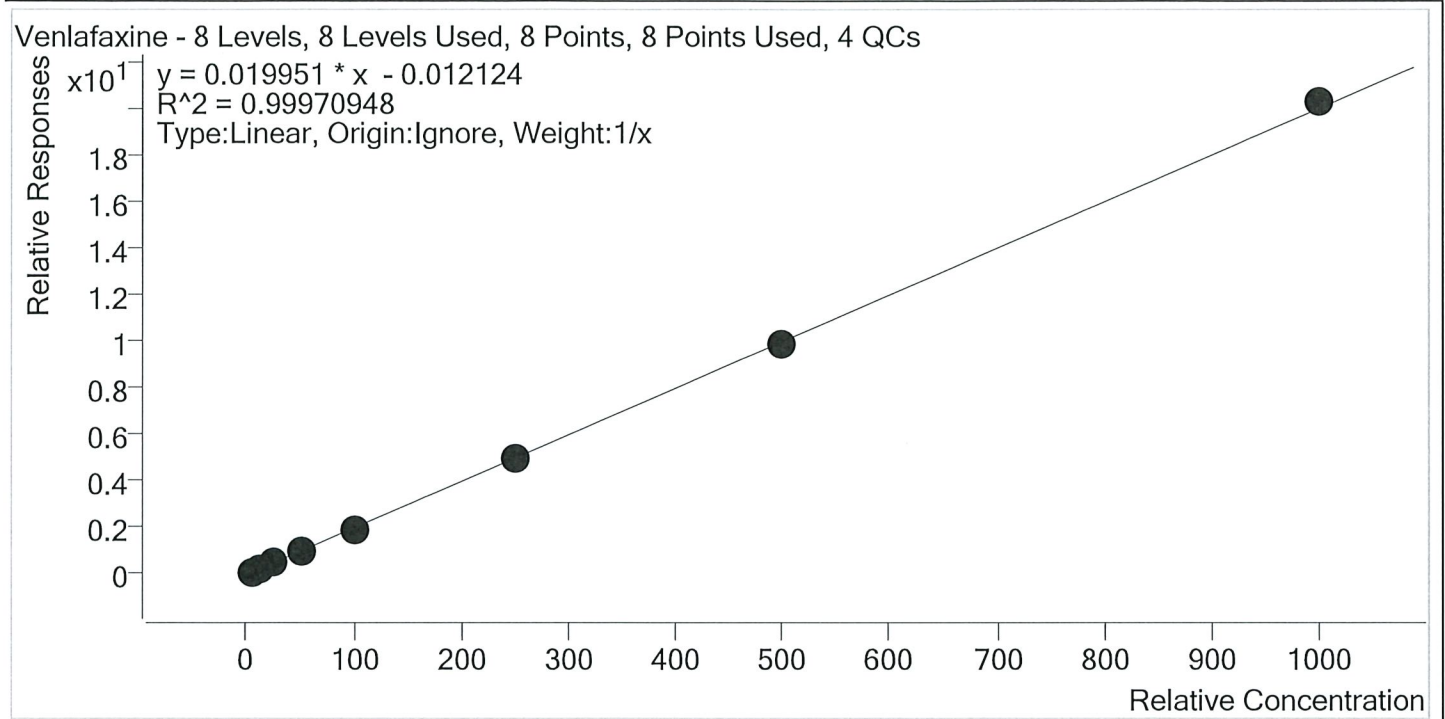
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.9 | 98.5 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 54.2 | 108.4 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 106.0 | 106.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 250.2 | 100.1 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 431.1 | 86.2 |
| p1 Cal 8-1000ng | 8 | × | 1000.0 | 734.6 | 73.5 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Venlafaxine Internal Standard Venlafaxine-D6



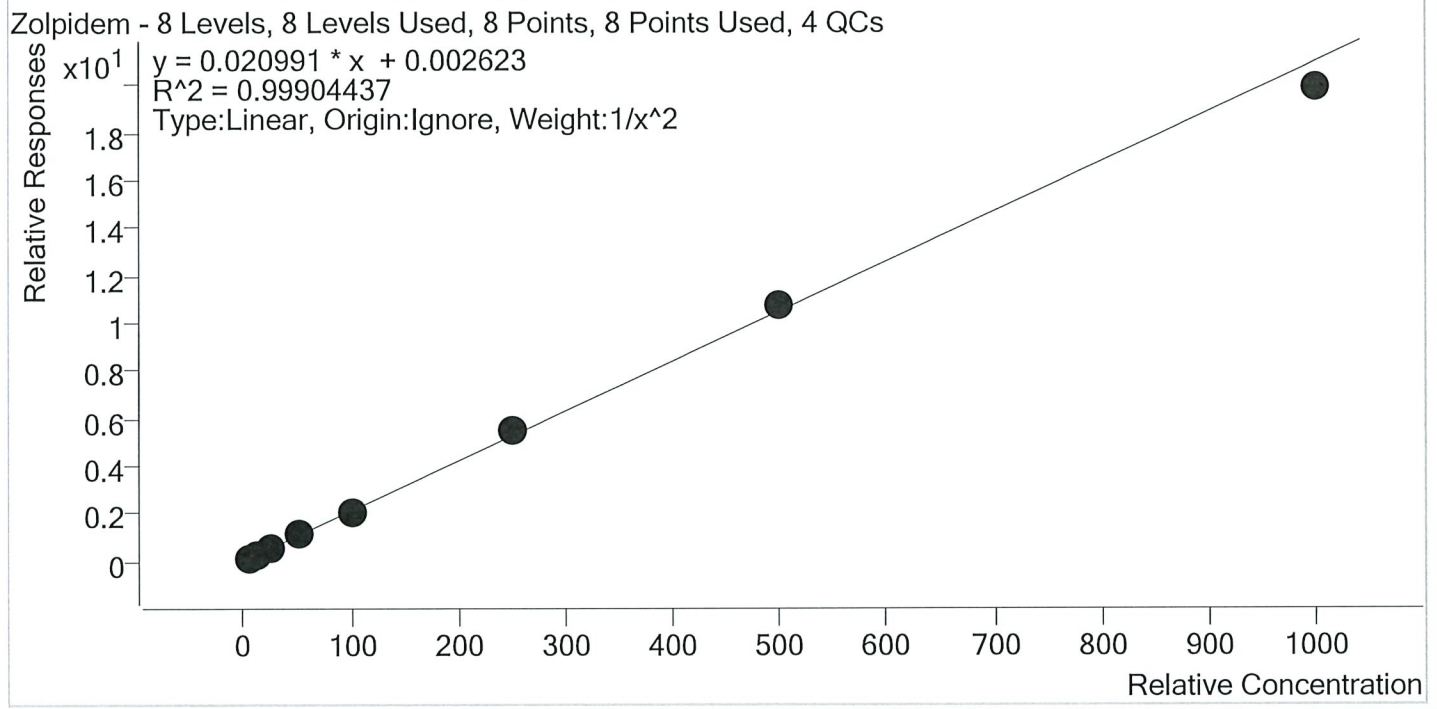
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.5 | 109.4 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 10.1 | 100.6 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 24.2 | 96.9 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 48.5 | 97.1 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 97.1 | 97.1 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 246.9 | 98.8 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 493.5 | 98.7 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 1014.1 | 101.4 |

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Last Cal. Update 7/28/2020 11:59 AM
 Analyst Name ISP\datastor
 Analyte Zolpidem Internal Standard Zolpidem-D6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------------|-------|---------|------------------------|---------------------|----------|
| p1 Cal 1-5ng | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| p1 Cal 2- 10ng | 2 | ✓ | 10.0 | 9.8 | 98.4 |
| p1 Cal 3 -25ng | 3 | ✓ | 25.0 | 25.0 | 100.1 |
| p1 Cal 4-50ng | 4 | ✓ | 50.0 | 50.6 | 101.2 |
| p1 Cal 5-100ng | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| p1 Cal 6-250ng | 6 | ✓ | 250.0 | 258.6 | 103.4 |
| p1 Cal 7-500ng | 7 | ✓ | 500.0 | 512.3 | 102.5 |
| p1 Cal 8-1000ng | 8 | ✓ | 1000.0 | 947.7 | 94.8 |

AM #28 Multi-Drug Quant. Results

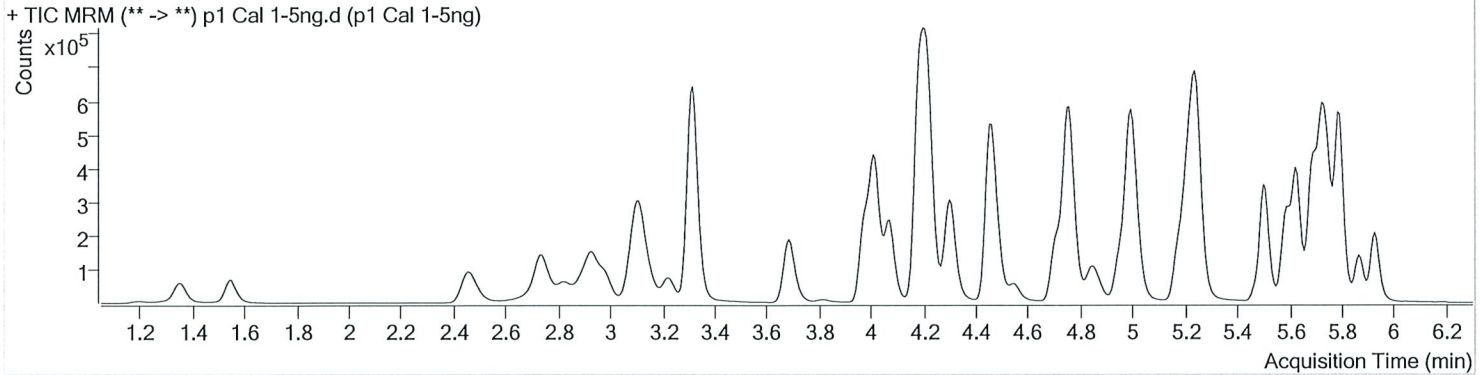
TS



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|----------------|
| Instrument | Falco | Data File | p1 Cal 1-5ng.d |
| Type | Cal | Sample | p1 Cal 1-5ng |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-A3 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 2:39:36 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|-----------|------------|--------------|
| 6-MAM | 3.079 | 1775 | 922.33 | 74.1 | 1299.93 | 71026 | 0.5170 ng/ml |
| 7-aminoclonazepam | 4.216 | 38936 | ∞ | 82.5 | ∞ | 274109 | 4.8932 ng/ml |
| a-hydroxyalprazolam | 5.674 | 17053 | 170.64 | 58.6 | 507.50 | 79703 | 4.8902 ng/ml |
| alpha-PHP | 4.875 | 18388 | 2937.23 | 270.2 | ∞ | 715124 | 4.9896 ng/ml |
| alpha-PVP | 4.308 | 84008 | 759.50 | 52.0 | 936.85 | 715124 | 5.4588 ng/ml |
| Alprazolam | 5.751 | 56164 | 686.26 | 106.3 | 716.51 | 332369 | 5.1369 ng/ml |
| Amphetamine | 2.977 | 120910 | 1101.96 | 50.8 | 973.52 | 248606 | 4.8568 ng/ml |
| Benzoylcegonine | 3.838 | 2691 | 28.90 | 7.7 | 424.01 | 19569 | 5.0547 ng/ml |
| Buprenorphine | 5.640 | 1969 | 54.63 | 15.0 | 21.71 | 161225 | 0.5157 ng/ml |
| Bupropion | 4.726 | 76438 | 5658.47 | 60.2 | 1890.35 | 490730 | 4.9668 ng/ml |
| Carisoprodol | 5.700 | 53851 | 80570.37 | 54.4 | 308.26 | 502131 | 4.9876 ng/ml |
| Citalopram | 5.176 | 47085 | 997.31 | 42.0 | 34631.97 | 412673 | 5.3436 ng/ml |
| Clonazepam | 5.588 | 79776 | 1986.29 | 32.1 | 392.70 | 175837 | 4.8899 ng/ml |
| Cocaine | 4.216 | 86605 | 534824.21 | 45.1 | 1930.69 | 1262266 | 5.3674 ng/ml |
| Codeine | 2.509 | 9599 | 775.61 | 101.7 | 213.49 | 84928 | 4.9643 ng/ml |
| Cyclobenzaprine | 5.592 | 35589 | ∞ | 10.0 | 192.31 | 278764 | 5.1038 ng/ml |
| Dextromethorphan | 5.219 | 26755 | 375.67 | 75.2 | 303.94 | 234828 | 5.2362 ng/ml |
| Dextrorphan | 4.070 | 21256 | 116611.04 | 220.9 | 1665.97 | 547263 | 5.1369 ng/ml |
| Diazepam | 5.936 | 43051 | 2811.71 | 84.9 | 297.54 | 404474 | 5.0337 ng/ml |
| Dihydrocodeine | 2.488 | 23894 | 113195.28 | 65.5 | 426.25 | 247207 | 4.8160 ng/ml |
| Diphenhydramine | 5.247 | 105365 | ∞ | 34.1 | 169.64 | 1423845 | 5.5299 ng/ml |
| Doxylamine | 4.474 | 174175 | ∞ | 98.8 | 487317.87 | 1415626 | 4.9751 ng/ml |
| EDDP | 5.211 | 65820 | 5033.06 | 43.1 | ∞ | 679490 | 5.0422 ng/ml |
| Fentanyl | 5.026 | 3887 | 189.01 | 66.2 | 2618.26 | 320594 | 0.5208 ng/ml |
| Fluoxetine | 5.690 | 42703 | 3025.88 | 9.6 | ∞ | 342952 | 5.5905 ng/ml |
| Hydrocodone | 2.959 | 31771 | 1118.03 | 38.3 | 117.83 | 398515 | 4.8431 ng/ml |
| Hydromorphone | 1.553 | 26889 | 264.71 | 78.1 | 646.39 | 170314 | 4.9868 ng/ml |
| Ketamine | 3.990 | 73836 | 12900.22 | 37.5 | 1448.40 | 621425 | 4.9333 ng/ml |
| Lamotrigine | 4.226 | 6400 | 304.93 | 81.0 | 9568.56 | 621425 | 4.8063 ng/ml |
| Lorazepam | 5.722 | 66679 | 1119.31 | 53.8 | 187.16 | 175837 | 4.9043 ng/ml |
| MDA | 3.137 | 92968 | 2120.93 | 21.1 | 98.50 | 401062 | 4.8477 ng/ml |
| MDMA | 3.231 | 62130 | ∞ | 65.4 | 1932.68 | 120057 | 4.9466 ng/ml |
| Meprobamate | 4.869 | 25303 | 1802.21 | 26.6 | 953.52 | 260249 | 4.8550 ng/ml |

AM #28 Multi-Drug Quant. Results

15



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|----------|------------|--------------|
| Methadone | 5.629 | 72363 | 741.01 | 50.6 | 514.55 | 655409 | 5.5558 ng/ml |
| Methamphetamine | 3.158 | 69960 | 141.89 | 40.8 | 496.54 | 598318 | 4.8761 ng/ml |
| Metoprolol | 4.278 | 13410 | 9210.35 | 97.6 | 1970.22 | 1613998 | 4.8824 ng/ml |
| Mirtazapine | 4.549 | 79920 | 2740.67 | 48.9 | 1419.73 | 715124 | 5.2440 ng/ml |
| Mitragynine | 5.161 | 14641 | 4555.03 | 40.6 | 6454.27 | 655409 | 4.9575 ng/ml |
| Morphine | 1.200 | 4254 | 163.98 | 22.3 | 364.92 | 10054 | 4.8958 ng/ml |
| Norbuprenorphine | 4.944 | 228 | 415.41 | 68.8 | 20.61 | 17494 | 0.4900 ng/ml |
| Nordiazepam | 5.876 | 40640 | 571.37 | 57.0 | 722.45 | 256067 | 4.9760 ng/ml |
| Norfentanyl | 4.037 | 12254 | 509.25 | 38.6 | 52.54 | 1091190 | 0.5135 ng/ml |
| Norhydrocodone | 3.007 | 3199 | 210.69 | 41.3 | 38.33 | 66701 | 5.1867 ng/ml |
| Noroxycodone | 2.845 | 27862 | 452.58 | 44.9 | 339.26 | 189642 | 4.9820 ng/ml |
| O-desmethyl-tramadol | 3.323 | 166963 | 980.63 | 6.3 | 417.66 | 1733015 | 5.0670 ng/ml |
| Oxazepam | 5.732 | 73532 | 492.50 | 71.5 | 877.00 | 850944 | 4.9529 ng/ml |
| Oxycodone | 2.762 | 67937 | 2193.09 | 30.2 | 186.71 | 560619 | 4.9596 ng/ml |
| Oxymorphone | 1.356 | 26773 | ∞ | 48.1 | 326.69 | 185787 | 4.9296 ng/ml |
| Phentermine | 3.723 | 22402 | 454.83 | 3.7 | 48.96 | 574387 | 4.8563 ng/ml |
| Promethazine | 5.508 | 77635 | 2547.45 | 30.5 | 768.59 | 689337 | 5.5772 ng/ml |
| Quetiapine | 5.485 | 44517 | ∞ | 58.1 | 38381.17 | 116121 | 4.9351 ng/ml |
| Sertraline | 5.751 | 23462 | 428.27 | 92.2 | ∞ | 189283 | 5.2861 ng/ml |
| Temazepam | 5.799 | 120811 | 1701.16 | 29.3 | 308.41 | 1137656 | 5.0799 ng/ml |
| Tramadol | 4.197 | 163810 | 1727.47 | 3.3 | 220.11 | 1613998 | 4.9453 ng/ml |
| Trazodone | 4.992 | 54177 | 93891.83 | 75.8 | 8034.78 | 437004 | 4.9732 ng/ml |
| Venlafaxine | 4.994 | 115578 | 667.94 | 36.8 | 377.79 | 1192007 | 5.4676 ng/ml |
| Zolpidem | 4.770 | 165391 | ∞ | 30.9 | 1374.82 | 1527965 | 5.0317 ng/ml |

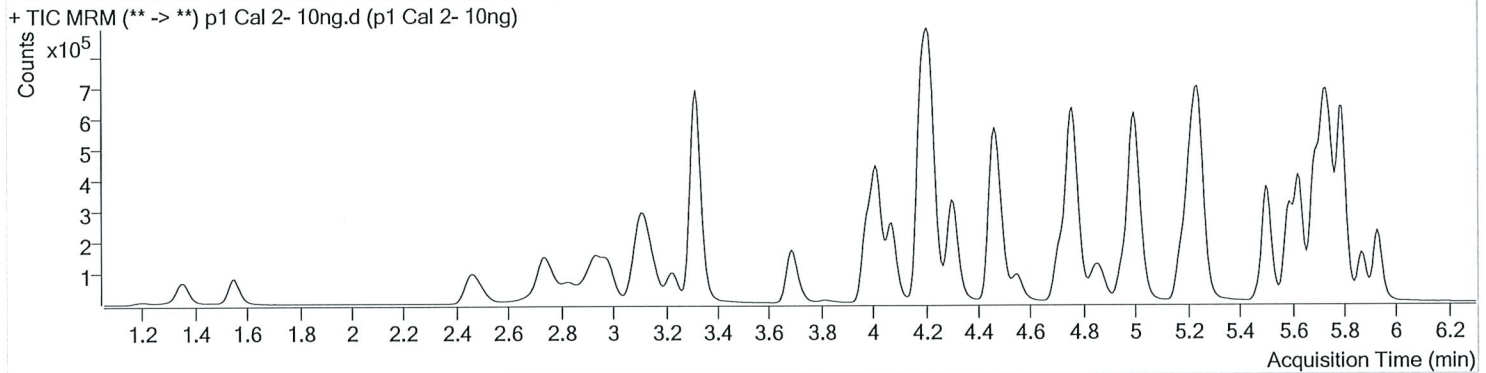
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco Data File p1 Cal 2- 10ng.d
 Type Cal Sample p1 Cal 2- 10ng
 Acq. Method MDQ P1 060520.m Operator Tamara Salazar
 Sample Position P1-B3 Comment
 Injection Volume 2
 Acq. Date-Time 7/24/2020 2:50:12 AM
 Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.085 | 3154 | 235.38 | 77.3 | 3397.15 | 70723 | 0.9359 ng/ml |
| 7-aminoclonazepam | 4.216 | 73842 | 353.03 | 81.6 | 213.46 | 265928 | 10.1176 ng/ml |
| a-hydroxyalprazolam | 5.674 | 32854 | 790.31 | 58.8 | 523.97 | 77197 | 10.0886 ng/ml |
| alpha-PHP | 4.875 | 34084 | 4468.35 | 264.4 | 951.31 | 676294 | 10.3382 ng/ml |
| alpha-PVP | 4.308 | 158884 | 537.33 | 49.9 | 442.01 | 676294 | 10.2794 ng/ml |
| Alprazolam | 5.751 | 111977 | 1103.23 | 107.1 | 1187.43 | 328415 | 9.9100 ng/ml |
| Amphetamine | 2.983 | 212456 | 1563.64 | 51.9 | 1333.25 | 217805 | 10.3549 ng/ml |
| Benzoylcegonine | 3.838 | 5418 | 83.47 | 8.1 | ∞ | 19039 | 9.9579 ng/ml |
| Buprenorphine | 5.640 | 3442 | 341.74 | 17.5 | 73.74 | 149478 | 0.9604 ng/ml |
| Bupropion | 4.726 | 129515 | 497.60 | 59.7 | 373.49 | 420866 | 10.0392 ng/ml |
| Carisoprodol | 5.700 | 105378 | 146251.59 | 55.7 | 716.89 | 493177 | 10.0721 ng/ml |
| Citalopram | 5.176 | 82533 | 3331.09 | 42.6 | 2221.97 | 368252 | 10.1703 ng/ml |
| Clonazepam | 5.581 | 149941 | 24792.39 | 33.2 | 10343.42 | 172240 | 10.0473 ng/ml |
| Cocaine | 4.216 | 166052 | 1499.92 | 45.7 | 9812.27 | 1224732 | 10.1290 ng/ml |
| Codeine | 2.509 | 17934 | 7297.87 | 104.2 | 1305.15 | 81727 | 10.0092 ng/ml |
| Cyclobenzaprine | 5.592 | 65672 | ∞ | 9.7 | ∞ | 262909 | 9.8145 ng/ml |
| Dextromethorphan | 5.219 | 47474 | 552.98 | 77.5 | 58397.16 | 219602 | 9.9648 ng/ml |
| Dextrophan | 4.070 | 40432 | 2403.26 | 216.9 | 4726.94 | 522741 | 9.9645 ng/ml |
| Diazepam | 5.936 | 81272 | 1634.86 | 89.8 | 437.06 | 392715 | 9.8511 ng/ml |
| Dihydrocodeine | 2.488 | 47412 | 1139.21 | 63.5 | 1488.80 | 246343 | 10.3027 ng/ml |
| Diphenhydramine | 5.247 | 187815 | 3978.39 | 32.7 | 10779.41 | 1280663 | 10.2175 ng/ml |
| Doxylamine | 4.474 | 319170 | 2901.22 | 98.8 | 21026.16 | 1307790 | 10.0132 ng/ml |
| EDDP | 5.211 | 135034 | 2302.71 | 43.0 | 1559.88 | 708368 | 9.9311 ng/ml |
| Fentanyl | 5.026 | 6702 | 459.19 | 67.6 | 34982.30 | 296905 | 0.9630 ng/ml |
| Fluoxetine | 5.690 | 80237 | 755.07 | 8.2 | 53685.80 | 319355 | 10.5335 ng/ml |
| Hydrocodone | 2.959 | 59971 | 223.79 | 39.0 | 90.90 | 375030 | 10.1543 ng/ml |
| Hydromorphone | 1.561 | 53458 | 205.46 | 76.6 | ∞ | 169794 | 9.9990 ng/ml |
| Ketamine | 3.990 | 140048 | 1065.55 | 38.5 | 1165.75 | 597556 | 10.1538 ng/ml |
| Lamotrigine | 4.226 | 12112 | 577.08 | 84.4 | 4302.71 | 597556 | 10.3601 ng/ml |
| Lorazepam | 5.722 | 124139 | 319.45 | 55.5 | ∞ | 172240 | 10.1939 ng/ml |
| MDA | 3.137 | 168569 | 2764.01 | 20.9 | 924.13 | 375281 | 10.1751 ng/ml |
| MDMA | 3.231 | 118949 | 82590.76 | 64.1 | 1337.47 | 111012 | 10.2465 ng/ml |
| Meprobamate | 4.869 | 50181 | 2056.15 | 26.2 | 414.24 | 258087 | 10.2341 ng/ml |

B



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|----------|------------|---------------|
| Methadone | 5.629 | 130725 | 5272.49 | 50.6 | 3988.95 | 599734 | 10.3223 ng/ml |
| Methamphetamine | 3.165 | 115145 | 807.55 | 41.6 | 371.24 | 524597 | 10.1960 ng/ml |
| Metoprolol | 4.278 | 26120 | 47129.16 | 93.9 | 967.21 | 1583227 | 10.3911 ng/ml |
| Mirtazapine | 4.549 | 144077 | 4110.64 | 48.9 | 1971.84 | 676294 | 9.5132 ng/ml |
| Mitragynine | 5.161 | 27327 | 3058.52 | 39.9 | 33003.88 | 599734 | 10.3250 ng/ml |
| Morphine | 1.206 | 8652 | 6770.25 | 23.2 | 81.87 | 9495 | 10.3085 ng/ml |
| Norbuprenorphine | 4.944 | 381 | 730.52 | 83.5 | 13.01 | 15341 | 0.9895 ng/ml |
| Nordiazepam | 5.876 | 77992 | 1464.64 | 58.1 | 652.62 | 248210 | 10.0786 ng/ml |
| Norfentanyl | 4.037 | 23020 | 13455.84 | 38.6 | 120.25 | 1053227 | 0.9726 ng/ml |
| Norhydrocodone | 3.014 | 6176 | 84.00 | 39.7 | 48.33 | 65856 | 9.5778 ng/ml |
| Noroxycodone | 2.852 | 54670 | 1006.96 | 47.3 | 658.29 | 185971 | 10.0758 ng/ml |
| O-desmethyl-tramadol | 3.323 | 323815 | 3300.84 | 6.1 | 633.95 | 1709945 | 9.8428 ng/ml |
| Oxazepam | 5.732 | 139646 | 399.50 | 74.4 | ∞ | 838108 | 9.9487 ng/ml |
| Oxycodone | 2.769 | 131594 | 1432.16 | 30.2 | 373.95 | 552747 | 10.0413 ng/ml |
| Oxymorphone | 1.356 | 52290 | 577.31 | 47.0 | 252.84 | 185484 | 10.0041 ng/ml |
| Phentermine | 3.723 | 39643 | 431.21 | 3.3 | 79.26 | 520354 | 10.1735 ng/ml |
| Promethazine | 5.508 | 145014 | 11372.54 | 30.8 | 1752.02 | 634757 | 10.3194 ng/ml |
| Quetiapine | 5.485 | 78756 | 3231.92 | 58.5 | ∞ | 102568 | 10.0784 ng/ml |
| Sertraline | 5.751 | 45303 | 1699.56 | 91.0 | ∞ | 181217 | 10.2728 ng/ml |
| Temazepam | 5.799 | 237932 | 4017.31 | 29.1 | 330.99 | 1142804 | 9.8798 ng/ml |
| Tramadol | 4.197 | 316420 | 1594.41 | 3.4 | 119.09 | 1583227 | 10.1330 ng/ml |
| Trazodone | 4.992 | 94873 | 22297.69 | 80.8 | 23145.97 | 403367 | 9.8534 ng/ml |
| Venlafaxine | 4.994 | 211112 | 711.58 | 36.9 | 298.50 | 1119394 | 10.0605 ng/ml |
| Zolpidem | 4.770 | 318931 | ∞ | 31.2 | 1631.23 | 1524261 | 9.8430 ng/ml |

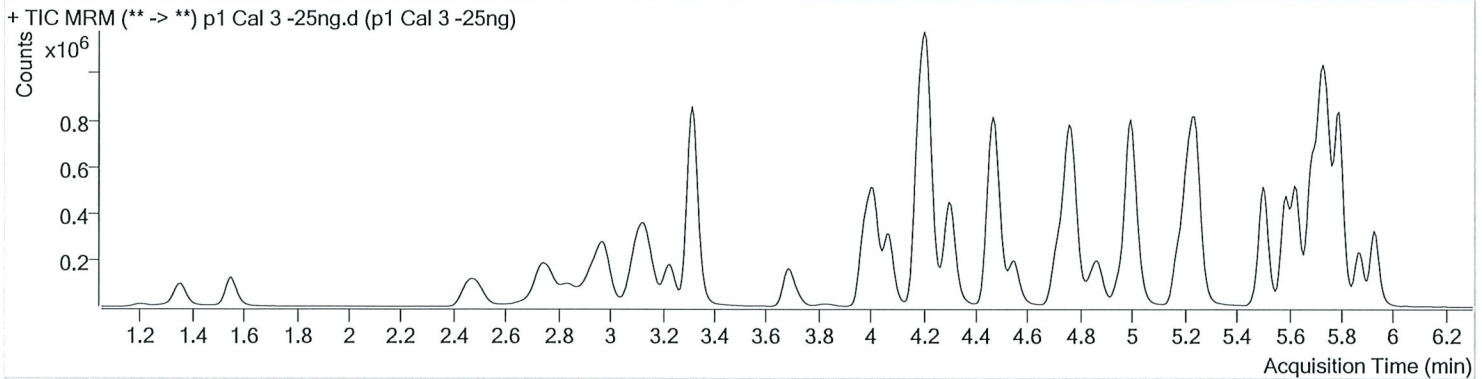
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|------------------|
| Instrument | Falco | Data File | p1 Cal 3 -25ng.d |
| Type | Cal | Sample | p1 Cal 3 -25ng |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-C3 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 3:00:47 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.085 | 7962 | 1950.28 | 75.7 | 11608.93 | 70472 | 2.3979 ng/ml |
| 7-aminoclonazepam | 4.216 | 185878 | ∞ | 82.5 | 640.33 | 267343 | 26.2034 ng/ml |
| a-hydroxyalprazolam | 5.674 | 82531 | 489.19 | 60.5 | 633.19 | 75979 | 26.3168 ng/ml |
| alpha-PHP | 4.875 | 80313 | 3406.98 | 264.1 | 68790.71 | 653022 | 26.0661 ng/ml |
| alpha-PVP | 4.308 | 377708 | 16598.55 | 50.9 | 796.49 | 653022 | 24.3753 ng/ml |
| Alprazolam | 5.751 | 281279 | 913.61 | 105.7 | 799.63 | 321362 | 24.7387 ng/ml |
| Amphetamine | 2.977 | 471004 | 4356.49 | 52.7 | 4650.25 | 199280 | 25.9592 ng/ml |
| Benzoylcegonine | 3.838 | 13302 | 663.93 | 6.9 | 91.20 | 19059 | 23.7412 ng/ml |
| Buprenorphine | 5.640 | 8014 | 291.46 | 17.9 | 84.69 | 137014 | 2.4188 ng/ml |
| Bupropion | 4.726 | 312994 | 1556.22 | 59.1 | 10876.00 | 406045 | 25.4963 ng/ml |
| Carisoprodol | 5.700 | 257830 | 168780.61 | 54.2 | 496.20 | 496365 | 24.6802 ng/ml |
| Citalopram | 5.176 | 188295 | 1545.05 | 43.2 | 85395.41 | 337578 | 24.8076 ng/ml |
| Clonazepam | 5.588 | 376232 | 790.91 | 32.8 | 4836.03 | 174471 | 25.9572 ng/ml |
| Cocaine | 4.216 | 408022 | 54876.68 | 44.8 | 250341.89 | 1213656 | 24.3919 ng/ml |
| Codeine | 2.509 | 44915 | 250.97 | 103.5 | 709.60 | 83149 | 25.2160 ng/ml |
| Cyclobenzaprine | 5.592 | 153519 | 221469.54 | 10.0 | 864.07 | 245933 | 24.2582 ng/ml |
| Dextromethorphan | 5.219 | 107360 | 442.62 | 79.9 | 412.25 | 202250 | 24.5160 ng/ml |
| Dextrorphan | 4.070 | 98541 | 1017.70 | 208.0 | 2183.90 | 497461 | 25.1022 ng/ml |
| Diazepam | 5.936 | 205552 | 699.09 | 86.8 | 1269.33 | 392835 | 25.0112 ng/ml |
| Dihydrocodeine | 2.488 | 118222 | 3844.57 | 63.5 | 399.49 | 248936 | 26.4778 ng/ml |
| Diphenhydramine | 5.247 | 435809 | 551.69 | 32.8 | 1524.88 | 1185416 | 24.4756 ng/ml |
| Doxylamine | 4.474 | 790955 | 46560.91 | 97.9 | ∞ | 1302167 | 25.1408 ng/ml |
| EDDP | 5.211 | 298266 | 4209.05 | 43.4 | 15382.78 | 633906 | 24.5256 ng/ml |
| Fentanyl | 5.026 | 15701 | 165.63 | 64.9 | 22134.06 | 283682 | 2.3500 ng/ml |
| Fluoxetine | 5.690 | 190857 | 9757.02 | 8.7 | 47641.54 | 315056 | 24.3621 ng/ml |
| Hydrocodone | 2.959 | 155070 | 308.55 | 37.8 | 926.86 | 378941 | 26.6677 ng/ml |
| Hydromorphone | 1.553 | 134283 | 521.34 | 77.0 | 1212.50 | 169295 | 25.2741 ng/ml |
| Ketamine | 3.990 | 339398 | 6486.33 | 39.6 | 4134.08 | 595716 | 25.3052 ng/ml |
| Lamotrigine | 4.219 | 29496 | 3875.06 | 81.7 | 7330.06 | 595716 | 26.6507 ng/ml |
| Lorazepam | 5.722 | 306724 | 666.58 | 55.5 | 1661.70 | 174471 | 26.2597 ng/ml |
| MDA | 3.137 | 395802 | 4588.00 | 21.0 | 2127.77 | 356464 | 26.3790 ng/ml |
| MDMA | 3.231 | 277134 | 710819.67 | 65.2 | 3364.17 | 106493 | 24.8921 ng/ml |
| Meprobamate | 4.869 | 122017 | 5918.99 | 26.5 | 2277.37 | 254190 | 26.0375 ng/ml |

AM #28 Multi-Drug Quant. Results



B

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|-----------|-------|-----------|------------|---------------|
| Methadone | 5.629 | 301963 | 9165.45 | 51.3 | 6738.06 | 554136 | 24.8109 ng/ml |
| Methamphetamine | 3.158 | 247163 | 888.47 | 41.8 | 1209.91 | 467490 | 26.2343 ng/ml |
| Metoprolol | 4.278 | 62304 | ∞ | 96.7 | ∞ | 1573990 | 25.9205 ng/ml |
| Mirtazapine | 4.549 | 330083 | ∞ | 48.6 | 1824.37 | 653022 | 21.8397 ng/ml |
| Mitragynine | 5.161 | 65005 | 179101.23 | 37.2 | 37463.14 | 554136 | 26.9054 ng/ml |
| Morphine | 1.206 | 21102 | 565.87 | 22.7 | 5622.66 | 9316 | 25.3230 ng/ml |
| Norbuprenorphine | 4.937 | 941 | 41.23 | 91.6 | 482.04 | 14417 | 2.6975 ng/ml |
| Nordiazepam | 5.876 | 191091 | 2131.14 | 58.7 | 731.74 | 250143 | 24.8351 ng/ml |
| Norfentanyl | 4.037 | 59137 | 924.87 | 37.7 | 255.18 | 1081673 | 2.3903 ng/ml |
| Norhydrocodone | 3.007 | 15062 | 560.03 | 44.7 | 119.88 | 61143 | 24.1952 ng/ml |
| Noroxycodone | 2.845 | 135744 | 1424.86 | 48.4 | 15984.85 | 188248 | 24.8714 ng/ml |
| O-desmethyl-tramadol | 3.323 | 817420 | 22009.27 | 6.1 | 552.95 | 1724212 | 24.4588 ng/ml |
| Oxazepam | 5.732 | 345974 | ∞ | 71.1 | ∞ | 828119 | 25.5926 ng/ml |
| Oxycodone | 2.762 | 325206 | 1525.34 | 30.9 | 1020.87 | 555034 | 25.1636 ng/ml |
| Oxymorphone | 1.356 | 129386 | ∞ | 46.9 | ∞ | 180726 | 25.9866 ng/ml |
| Phentermine | 3.723 | 91563 | ∞ | 3.3 | 79.92 | 485000 | 26.2760 ng/ml |
| Promethazine | 5.508 | 345317 | 19156.17 | 31.0 | 451.22 | 599904 | 24.5321 ng/ml |
| Quetiapine | 5.485 | 182493 | ∞ | 60.5 | ∞ | 97063 | 24.9582 ng/ml |
| Sertraline | 5.751 | 105239 | 6628.79 | 88.9 | 318328.88 | 168085 | 25.1534 ng/ml |
| Temazepam | 5.793 | 590550 | 1597.60 | 29.5 | 3001.27 | 1144152 | 24.3703 ng/ml |
| Tramadol | 4.197 | 763864 | 3889.66 | 3.4 | 780.90 | 1573990 | 25.1875 ng/ml |
| Trazodone | 4.992 | 220501 | 25392.42 | 80.7 | 24144.41 | 374936 | 25.3369 ng/ml |
| Venlafaxine | 4.994 | 507047 | 2235.94 | 36.5 | 496.56 | 1075526 | 24.2374 ng/ml |
| Zolpidem | 4.770 | 798046 | 56490.31 | 31.2 | ∞ | 1512210 | 25.0163 ng/ml |

AM #28 Multi-Drug Quant. Results

TS

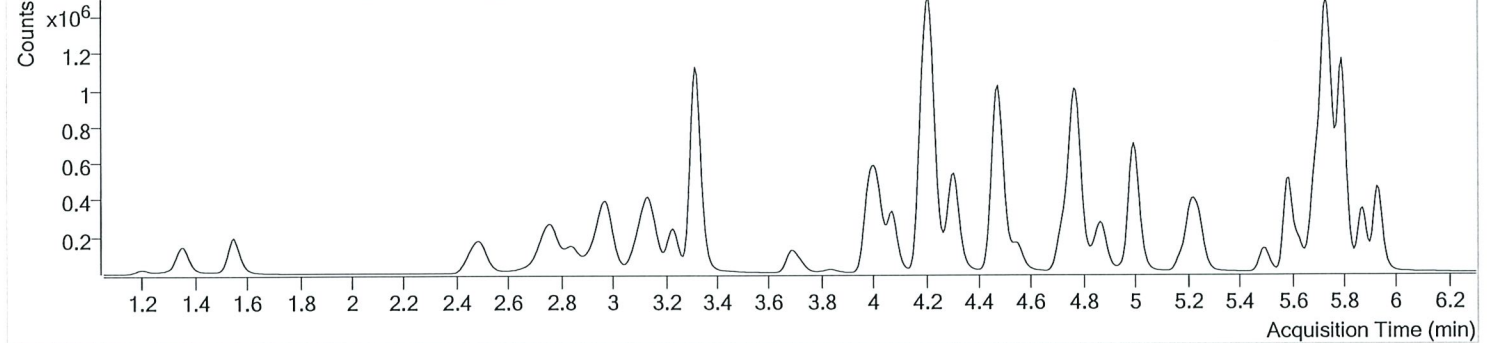


Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|-----------------|
| Instrument | Falco | Data File | p1 Cal 4-50ng.d |
| Type | Cal | Sample | p1 Cal 4-50ng |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-D3 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 3:11:21 AM | | |

Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 4-50ng.d (p1 Cal 4-50ng)



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.085 | 16556 | 27777.29 | 70.4 | 9956.42 | 67204 | 5.2493 ng/ml |
| 7-aminoclonazepam | 4.216 | 352559 | 1384.80 | 81.9 | 3069.92 | 257372 | 52.1871 ng/ml |
| a-hydroxyalprazolam | 5.674 | 160217 | ∞ | 62.8 | 530.74 | 73669 | 53.0565 ng/ml |
| alpha-PPH | 4.875 | 102239 | 10544.37 | 260.0 | 28484.23 | 522288 | 41.8323 ng/ml |
| alpha-PVP | 4.308 | 613853 | 3725.78 | 50.7 | 4396.87 | 522288 | 48.8728 ng/ml |
| Alprazolam | 5.751 | 558475 | 1711.41 | 107.9 | 2154.05 | 315059 | 49.6425 ng/ml |
| Amphetamine | 2.983 | 679098 | 9591.42 | 51.7 | 3924.76 | 143441 | 52.6106 ng/ml |
| Benzoylcegonine | 3.838 | 27664 | 1042.27 | 7.6 | 425.28 | 18233 | 51.0611 ng/ml |
| Buprenorphine | 5.640 | 3607 | 268.49 | 15.1 | 27.88 | 30716 | 4.8420 ng/ml |
| Bupropion | 4.726 | 362266 | 1017.96 | 59.8 | 525.94 | 239264 | 50.3040 ng/ml |
| Carisoprodol | 5.700 | 520940 | 747718.34 | 53.9 | 4528.67 | 489379 | 50.7204 ng/ml |
| Citalopram | 5.176 | 110085 | 811.71 | 42.6 | 192.45 | 101590 | 47.8756 ng/ml |
| Clonazepam | 5.588 | 765773 | 1867.31 | 33.3 | ∞ | 170894 | 54.7181 ng/ml |
| Cocaine | 4.216 | 712687 | 140160.00 | 45.7 | 28831.24 | 1045948 | 48.9340 ng/ml |
| Codeine | 2.509 | 85954 | 855.42 | 103.9 | 1143.22 | 77911 | 51.9118 ng/ml |
| Cyclobenzaprine | 5.598 | 23468 | 17165.79 | 10.6 | 79.95 | 19174 | 47.3910 ng/ml |
| Dextromethorphan | 5.219 | 42926 | 1616.39 | 78.9 | 184.34 | 39489 | 50.2389 ng/ml |
| Dextrorphan | 4.070 | 145020 | 337918.42 | 217.1 | 1315.30 | 372483 | 49.0794 ng/ml |
| Diazepam | 5.936 | 403265 | 2073.23 | 87.1 | 2446.03 | 381311 | 50.6206 ng/ml |
| Dihydrocodeine | 2.488 | 227445 | 2932.67 | 64.4 | 1247.67 | 238545 | 53.8838 ng/ml |
| Diphenhydramine | 5.247 | 240947 | 1329.43 | 32.5 | 3471.57 | 328333 | 48.1032 ng/ml |
| Doxylamine | 4.474 | 1226742 | 102921.00 | 98.1 | 199759.15 | 1000969 | 50.8754 ng/ml |
| EDDP | 5.218 | 330434 | 632.07 | 43.5 | 457.11 | 345634 | 49.8409 ng/ml |
| Fentanyl | 5.026 | 2966 | 1421.01 | 64.0 | 6810.51 | 27869 | 4.5109 ng/ml |
| Fluoxetine | 5.690 | 21947 | 50.77 | 9.6 | 2171.69 | 19192 | 45.3380 ng/ml |
| Hydrocodone | 2.959 | 278384 | 105.13 | 38.8 | ∞ | 336988 | 54.2804 ng/ml |
| Hydromorphone | 1.553 | 262560 | ∞ | 77.0 | 717.36 | 168628 | 49.6659 ng/ml |
| Ketamine | 3.990 | 635158 | 5043.57 | 39.3 | 2337.62 | 553074 | 51.4497 ng/ml |
| Lamotrigine | 4.226 | 55710 | 4080.07 | 81.1 | 9134.41 | 553074 | 55.1790 ng/ml |
| Lorazepam | 5.722 | 583337 | ∞ | 55.9 | 20434.62 | 170894 | 51.8990 ng/ml |
| MDA | 3.137 | 565107 | 5562.51 | 21.0 | 3840.30 | 252428 | 54.0318 ng/ml |
| MDMA | 3.231 | 404280 | 45036.58 | 64.8 | 6822.17 | 77459 | 49.9278 ng/ml |
| Meprobamate | 4.869 | 243479 | 8954.29 | 26.3 | 1015.24 | 246190 | 54.2019 ng/ml |

TS



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|------------|-------|-----------|------------|---------------|
| Methadone | 5.629 | 118015 | 38112.82 | 51.8 | 6767.44 | 111754 | 47.4595 ng/ml |
| Methamphetamine | 3.158 | 339612 | 1504.56 | 42.0 | 1318.71 | 331668 | 51.9223 ng/ml |
| Metoprolol | 4.278 | 102314 | 3125.60 | 96.6 | 2819.44 | 1400423 | 48.4393 ng/ml |
| Mirtazapine | 4.549 | 242920 | 2734.78 | 48.5 | 333867.10 | 522288 | 20.1384 ng/ml |
| Mitragynine | 5.161 | 19867 | 801.70 | 39.6 | 207.14 | 111754 | 40.8793 ng/ml |
| Morphine | 1.200 | 44284 | 10437.14 | 21.1 | 761.71 | 9572 | 51.5052 ng/ml |
| Norbuprenorphine | 4.944 | 529 | ∞ | 70.4 | 2217.12 | 4081 | 5.4215 ng/ml |
| Nordiazepam | 5.876 | 373842 | 1619.99 | 58.0 | 6736.27 | 237661 | 51.3833 ng/ml |
| Norfentanyl | 4.037 | 106045 | 902.49 | 37.1 | 849.17 | 958389 | 4.8086 ng/ml |
| Norhydrocodone | 3.007 | 25854 | 322.59 | 45.1 | 75.15 | 55366 | 45.3345 ng/ml |
| Noroxycodone | 2.845 | 262052 | 2751.45 | 48.2 | 446.83 | 180615 | 50.1516 ng/ml |
| O-desmethyl-tramadol | 3.323 | 1618091 | 5870.64 | 6.1 | 3660.35 | 1679107 | 49.5918 ng/ml |
| Oxazepam | 5.732 | 675803 | 12994.79 | 71.6 | 4870.21 | 791182 | 52.7733 ng/ml |
| Oxycodone | 2.762 | 637771 | 3922.64 | 31.1 | 2836.25 | 530680 | 51.9383 ng/ml |
| Oxymorphone | 1.356 | 254902 | ∞ | 47.1 | ∞ | 176695 | 52.7470 ng/ml |
| Phentermine | 3.723 | 132716 | 2086.51 | 3.2 | 149.41 | 348524 | 53.7325 ng/ml |
| Promethazine | 5.508 | 55692 | 190.57 | 30.3 | 152.03 | 48323 | 48.1488 ng/ml |
| Quetiapine | 5.491 | 140926 | 80991.05 | 59.9 | ∞ | 35346 | 53.1435 ng/ml |
| Sertraline | 5.751 | 12095 | 79.91 | 98.0 | 323.04 | 10133 | 47.6075 ng/ml |
| Temazepam | 5.799 | 1173166 | 2101.97 | 30.2 | 3731.37 | 1149741 | 48.0967 ng/ml |
| Tramadol | 4.197 | 1361226 | 2862.55 | 3.4 | 532.98 | 1400423 | 50.8565 ng/ml |
| Trazodone | 4.992 | 110965 | 35433.09 | 78.1 | 1471.31 | 89089 | 54.1828 ng/ml |
| Venlafaxine | 4.994 | 770411 | 18082.85 | 36.7 | 2040.55 | 805497 | 48.5467 ng/ml |
| Zolpidem | 4.777 | 1497392 | 1750765.19 | 30.6 | ∞ | 1406435 | 50.5959 ng/ml |

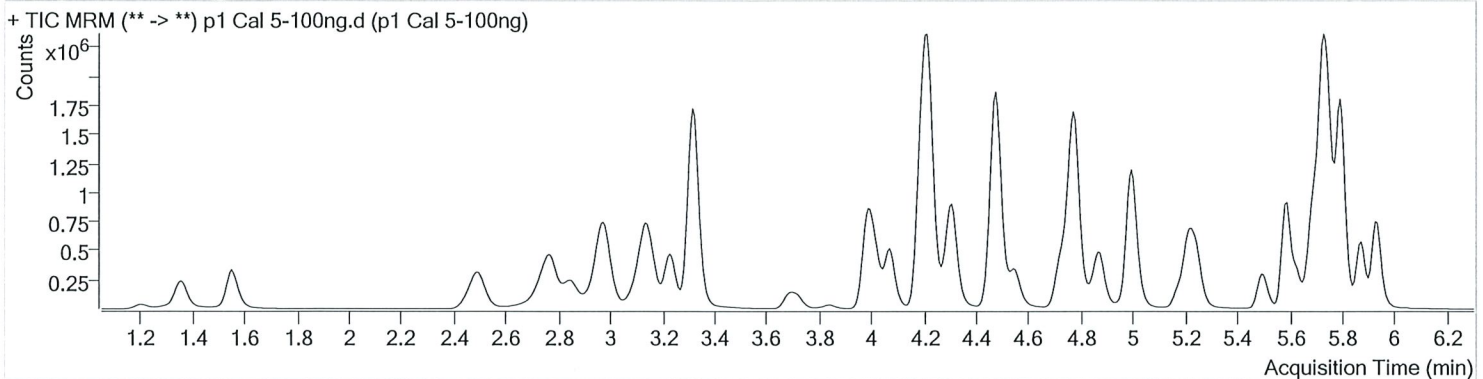
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method MDQ P1 060520.m **Operator** Tamara Salazar
Sample Position P1-E3 **Comment**
Injection Volume 2
Acq. Date-Time 7/24/2020 3:21:55 AM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 33866 | 2051.20 | 72.8 | 1208.92 | 71040 | 10.1739 ng/ml |
| 7-aminoclonazepam | 4.216 | 665926 | 1117.12 | 83.4 | 1442.93 | 245147 | 104.0571 ng/ml |
| a-hydroxyalprazolam | 5.674 | 313330 | 794.09 | 62.3 | 1882.70 | 73779 | 103.9539 ng/ml |
| alpha-PHP | 4.875 | 203073 | 4069.47 | 267.5 | 211568.25 | 529863 | 82.4589 ng/ml |
| alpha-PVP | 4.308 | 1225913 | 3641.63 | 51.3 | 2278.91 | 529863 | 95.5897 ng/ml |
| Alprazolam | 5.751 | 1074654 | 3458.24 | 106.9 | 2621.84 | 303762 | 98.6328 ng/ml |
| Amphetamine | 2.983 | 1354808 | 30678.26 | 51.3 | 15293.67 | 151655 | 99.8158 ng/ml |
| Benzoylcegonine | 3.838 | 58020 | 2110.23 | 7.6 | 1190.67 | 19785 | 98.2517 ng/ml |
| Buprenorphine | 5.640 | 8402 | 273.01 | 16.7 | 163.56 | 36468 | 9.4876 ng/ml |
| Bupropion | 4.726 | 675045 | 3447.93 | 60.2 | 408.08 | 223867 | 100.4138 ng/ml |
| Carisoprodol | 5.700 | 993521 | 1339.68 | 53.7 | 1831.56 | 472519 | 100.3168 ng/ml |
| Citalopram | 5.176 | 245602 | 14191.10 | 43.5 | 2285.95 | 111855 | 96.6621 ng/ml |
| Clonazepam | 5.588 | 1504249 | 21361.63 | 32.7 | 913.83 | 173815 | 106.3537 ng/ml |
| Cocaine | 4.216 | 1452291 | ∞ | 44.6 | 114088.22 | 1057516 | 98.1285 ng/ml |
| Codeine | 2.509 | 172388 | 144.64 | 104.3 | 1460.61 | 79080 | 102.9598 ng/ml |
| Cyclobenzaprine | 5.598 | 76762 | ∞ | 10.0 | 288.47 | 30411 | 97.5453 ng/ml |
| Dextromethorphan | 5.219 | 100907 | 758.94 | 80.2 | 416.25 | 48099 | 96.9878 ng/ml |
| Dextrophan | 4.070 | 302001 | 4285.07 | 212.5 | 4017.03 | 381051 | 99.6315 ng/ml |
| Diazepam | 5.936 | 786238 | 19777.67 | 86.9 | 4934.38 | 382258 | 98.5135 ng/ml |
| Dihydrocodeine | 2.488 | 463250 | 1604.08 | 63.0 | 808.31 | 247787 | 106.3458 ng/ml |
| Diphenhydramine | 5.247 | 546157 | 2519.88 | 32.9 | 1286.21 | 372157 | 95.4409 ng/ml |
| Doxylamine | 4.474 | 2517600 | 99888.34 | 96.9 | ∞ | 1024260 | 102.1837 ng/ml |
| EDDP | 5.211 | 699027 | 737.81 | 43.1 | 5137.06 | 372256 | 97.9053 ng/ml |
| Fentanyl | 5.026 | 9135 | 158.31 | 67.4 | 12255.70 | 40716 | 9.5023 ng/ml |
| Fluoxetine | 5.690 | 78688 | 4873.80 | 8.8 | 24000.11 | 32209 | 96.0224 ng/ml |
| Hydrocodone | 2.959 | 569009 | 403.82 | 38.2 | ∞ | 356216 | 105.3669 ng/ml |
| Hydromorphone | 1.561 | 527474 | 660.00 | 75.2 | ∞ | 165831 | 101.5171 ng/ml |
| Ketamine | 3.990 | 1277015 | 4036.99 | 39.4 | 2132.50 | 567505 | 101.2288 ng/ml |
| Lamotrigine | 4.226 | 104564 | 2072.48 | 82.0 | 9921.95 | 567505 | 101.7068 ng/ml |
| Lorazepam | 5.722 | 1033667 | ∞ | 55.5 | 11839.04 | 173815 | 91.1385 ng/ml |
| MDA | 3.137 | 1138749 | 11236.56 | 21.0 | 4293.18 | 261328 | 105.9605 ng/ml |
| MDMA | 3.231 | 831992 | 89062.35 | 65.5 | 4754.27 | 80437 | 98.9493 ng/ml |
| Meprobamate | 4.869 | 464359 | 182820.72 | 26.5 | 405.77 | 242804 | 105.3045 ng/ml |

TS



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|----------|------------|----------------|
| Methadone | 5.629 | 282420 | 1836.25 | 51.0 | 20567.94 | 136473 | 92.3671 ng/ml |
| Methamphetamine | 3.165 | 678471 | 1434.64 | 41.8 | 5050.32 | 337713 | 103.0163 ng/ml |
| Metoprolol | 4.278 | 208253 | 5430.12 | 95.9 | 9262.90 | 1431749 | 97.1383 ng/ml |
| Mirtazapine | 4.549 | 534937 | 3055.57 | 49.1 | 3964.02 | 529863 | 43.0888 ng/ml |
| Mitragynine | 5.161 | 52164 | 97359.89 | 38.1 | 60487.14 | 136473 | 88.1298 ng/ml |
| Morphine | 1.206 | 85323 | 433.95 | 23.2 | 206.34 | 9544 | 99.3423 ng/ml |
| Norbuprenorphine | 4.944 | 1108 | 134.37 | 83.0 | ∞ | 4430 | 10.5127 ng/ml |
| Nordiazepam | 5.876 | 723361 | 7287.16 | 58.2 | 2027.93 | 239455 | 98.8921 ng/ml |
| Norfentanyl | 4.037 | 193345 | 2160.02 | 36.3 | 1323.18 | 857911 | 9.7645 ng/ml |
| Norhydrocodone | 3.014 | 52279 | 245.17 | 41.0 | 396.16 | 53184 | 94.7780 ng/ml |
| Noroxycodone | 2.852 | 515344 | 15392.92 | 47.8 | 3886.89 | 176920 | 100.7952 ng/ml |
| O-desmethyl-tramadol | 3.323 | 3290616 | 4114.81 | 6.1 | 1416.96 | 1725417 | 98.0265 ng/ml |
| Oxazepam | 5.732 | 1234535 | ∞ | 70.9 | 19400.08 | 732876 | 104.4918 ng/ml |
| Oxycodone | 2.769 | 1306095 | 2927.89 | 30.6 | 1642.92 | 553488 | 102.2790 ng/ml |
| Oxymorphone | 1.356 | 496507 | 973.89 | 47.7 | 979.14 | 176489 | 103.2202 ng/ml |
| Phentermine | 3.723 | 267701 | 1712.48 | 3.2 | 953.57 | 359850 | 105.6589 ng/ml |
| Promethazine | 5.508 | 181199 | 851.49 | 29.9 | ∞ | 81073 | 92.4660 ng/ml |
| Quetiapine | 5.485 | 318455 | 20865.63 | 59.3 | 539.54 | 39919 | 106.5252 ng/ml |
| Sertraline | 5.751 | 43446 | 370.70 | 92.9 | 625.63 | 18006 | 95.8437 ng/ml |
| Temazepam | 5.799 | 2337091 | 6706.60 | 29.5 | 11801.21 | 1139045 | 96.6305 ng/ml |
| Tramadol | 4.197 | 2763902 | 4198.71 | 3.4 | 720.81 | 1431749 | 101.4040 ng/ml |
| Trazodone | 4.992 | 264341 | 1351.59 | 78.5 | 59017.03 | 108941 | 105.9954 ng/ml |
| Venlafaxine | 4.994 | 1606672 | 6829.06 | 36.5 | 2095.72 | 834495 | 97.1092 ng/ml |
| Zolpidem | 4.777 | 3058093 | 393752.30 | 30.9 | ∞ | 1469492 | 99.0163 ng/ml |

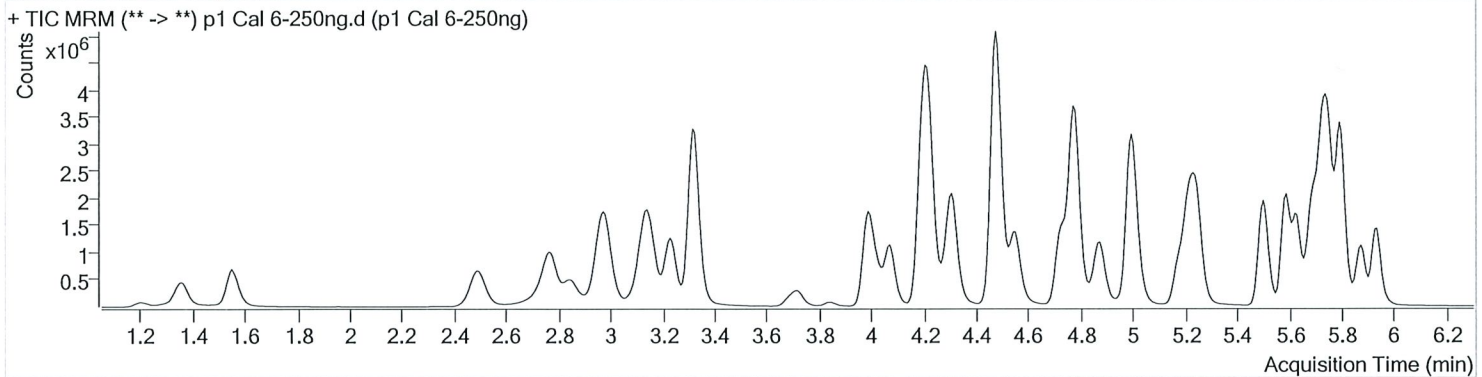
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|------------------|
| Instrument | Falco | Data File | p1 Cal 6-250ng.d |
| Type | Cal | Sample | p1 Cal 6-250ng |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-F3 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 3:32:29 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 83331 | 2529.24 | 70.2 | 7557.49 | 69063 | 25.7769 ng/ml |
| 7-aminoclonazepam | 4.216 | 1283928 | 33168.44 | 82.7 | 32426.02 | 193328 | 255.2355 ng/ml |
| a-hydroxyalprazolam | 5.668 | 645920 | 4926.67 | 61.7 | 852.06 | 63999 | 247.5504 ng/ml |
| alpha-PHP | 4.875 | 643103 | 5592.75 | 264.5 | 15658.82 | 559989 | 248.2478 ng/ml |
| alpha-PVP | 4.308 | 3312213 | 26666.12 | 50.3 | 3087.41 | 559989 | 243.3808 ng/ml |
| Alprazolam | 5.751 | 2250913 | 2619.77 | 106.5 | 1252.39 | 246561 | 253.8121 ng/ml |
| Amphetamine | 2.983 | 3560716 | ∞ | 51.4 | 39552.98 | 176559 | 226.1010 ng/ml |
| Benzoylcegonine | 3.838 | 143961 | 1089.27 | 7.7 | 236.76 | 19453 | 247.2255 ng/ml |
| Buprenorphine | 5.640 | 48444 | ∞ | 17.3 | 596.39 | 81482 | 24.4632 ng/ml |
| Bupropion | 4.726 | 2385949 | 8847.75 | 60.1 | 1616.93 | 316867 | 251.0936 ng/ml |
| Carisoprodol | 5.700 | 1938604 | 4604.01 | 54.2 | 2297.73 | 373407 | 247.8978 ng/ml |
| Citalopram | 5.176 | 1298149 | 17251.65 | 43.5 | 2394.07 | 230026 | 247.9126 ng/ml |
| Clonazepam | 5.588 | 3055102 | 6727.19 | 32.8 | 1816.53 | 145214 | 259.5798 ng/ml |
| Cocaine | 4.216 | 3402716 | 206892.39 | 44.9 | 105161.09 | 998056 | 242.8867 ng/ml |
| Codeine | 2.509 | 385764 | 2913.85 | 104.7 | 410.34 | 72824 | 250.7576 ng/ml |
| Cyclobenzaprine | 5.592 | 959494 | 137056.08 | 9.7 | 1070.58 | 145998 | 253.6843 ng/ml |
| Dextromethorphan | 5.219 | 660184 | 1503.84 | 78.8 | 1444.76 | 120479 | 253.3806 ng/ml |
| Dextrorphan | 4.070 | 817799 | 1156.35 | 213.2 | 1930.11 | 410290 | 250.1641 ng/ml |
| Diazepam | 5.936 | 1758888 | 25231.38 | 87.0 | 3885.48 | 333945 | 252.3733 ng/ml |
| Dihydrocodeine | 2.481 | 1068910 | 6116.17 | 64.7 | 1631.13 | 241212 | 253.0578 ng/ml |
| Diphenhydramine | 5.247 | 2958139 | 2888.57 | 32.8 | 1137.64 | 792654 | 241.5390 ng/ml |
| Doxylamine | 4.474 | 7274314 | 153535.14 | 98.6 | 193653.29 | 1175794 | 257.4203 ng/ml |
| EDDP | 5.211 | 2354050 | 1681.40 | 42.3 | 1144.43 | 494287 | 248.3214 ng/ml |
| Fentanyl | 5.026 | 93773 | 9296.10 | 66.6 | ∞ | 160673 | 24.7059 ng/ml |
| Fluoxetine | 5.690 | 1037389 | 2811.54 | 9.2 | 2082.07 | 166368 | 243.9447 ng/ml |
| Hydrocodone | 2.959 | 1332389 | ∞ | 36.9 | 908.47 | 341325 | 258.1229 ng/ml |
| Hydromorphone | 1.553 | 1228584 | ∞ | 75.0 | 1271.41 | 152001 | 258.0497 ng/ml |
| Ketamine | 3.990 | 3150349 | 207308.91 | 38.8 | 36327.29 | 565665 | 251.1812 ng/ml |
| Lamotrigine | 4.226 | 208115 | 4621.25 | 81.1 | 3609.73 | 565665 | 204.0135 ng/ml |
| Lorazepam | 5.722 | 1585795 | ∞ | 56.3 | ∞ | 145214 | 168.1678 ng/ml |
| MDA | 3.130 | 2911377 | 9486.18 | 20.2 | 6469.52 | 269958 | 263.4721 ng/ml |
| MDMA | 3.231 | 2342358 | 117546.58 | 64.9 | 23036.74 | 90144 | 248.5852 ng/ml |
| Meprobamate | 4.869 | 938677 | 1354.96 | 26.0 | 4575.92 | 214359 | 241.7916 ng/ml |

TS



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|------------|-------|-----------|------------|----------------|
| Methadone | 5.629 | 1981853 | 1423.45 | 51.4 | 24844.27 | 358428 | 245.6870 ng/ml |
| Methamphetamine | 3.158 | 2051621 | 1982.33 | 42.2 | 2317.13 | 413808 | 255.9719 ng/ml |
| Metoprolol | 4.278 | 537477 | 13906.87 | 95.5 | ∞ | 1358588 | 265.4188 ng/ml |
| Mirtazapine | 4.549 | 2401148 | 636230.59 | 48.3 | 55132.05 | 559989 | 181.2741 ng/ml |
| Mitragynine | 5.161 | 383451 | 35782.57 | 38.6 | 339714.38 | 358428 | 247.0332 ng/ml |
| Morphine | 1.206 | 204757 | 2610.90 | 21.8 | 603.46 | 8838 | 257.1085 ng/ml |
| Norbuprenorphine | 4.944 | 5602 | ∞ | 83.8 | 306.68 | 9643 | 24.4927 ng/ml |
| Nordiazepam | 5.876 | 1605804 | 18634.98 | 58.5 | 1961.60 | 209955 | 250.7329 ng/ml |
| Norfentanyl | 4.037 | 565455 | 22220.09 | 36.9 | 5757.22 | 992773 | 24.6345 ng/ml |
| Norhydrocodone | 3.014 | 116348 | 214.88 | 43.0 | 203.90 | 43251 | 258.3468 ng/ml |
| Noroxycodone | 2.845 | 1141336 | 2084.53 | 48.0 | 7088.19 | 156709 | 252.1832 ng/ml |
| O-desmethyl-tramadol | 3.323 | 7975141 | 4961.00 | 5.9 | 18074.77 | 1617616 | 253.2177 ng/ml |
| Oxazepam | 5.732 | 2138806 | ∞ | 74.0 | ∞ | 527730 | 252.0057 ng/ml |
| Oxycodone | 2.762 | 3139139 | 1518.95 | 30.6 | 2219.90 | 540659 | 252.1071 ng/ml |
| Oxymorphone | 1.356 | 1108805 | ∞ | 46.6 | 1388.09 | 166721 | 244.5328 ng/ml |
| Phentermine | 3.723 | 763342 | ∞ | 3.2 | 728.22 | 416730 | 261.2156 ng/ml |
| Promethazine | 5.509 | 2184842 | 3117.98 | 30.1 | 3248.09 | 368877 | 243.4490 ng/ml |
| Quetiapine | 5.485 | 1431908 | ∞ | 59.3 | 24993.21 | 72966 | 262.3282 ng/ml |
| Sertraline | 5.751 | 498234 | 821.11 | 90.7 | 25895.51 | 78783 | 250.5940 ng/ml |
| Temazepam | 5.799 | 5268753 | 109208.56 | 29.2 | 861.77 | 997793 | 248.5526 ng/ml |
| Tramadol | 4.197 | 6687079 | 6444.73 | 3.3 | 1089.77 | 1358588 | 259.1834 ng/ml |
| Trazodone | 4.992 | 1444666 | 6162.78 | 78.1 | 97289.15 | 252899 | 250.1668 ng/ml |
| Venlafaxine | 4.994 | 4463412 | 200173.47 | 36.1 | 1937.93 | 908174 | 246.9441 ng/ml |
| Zolpidem | 4.777 | 7696793 | 1073295.71 | 30.0 | 26008.61 | 1417365 | 258.5765 ng/ml |

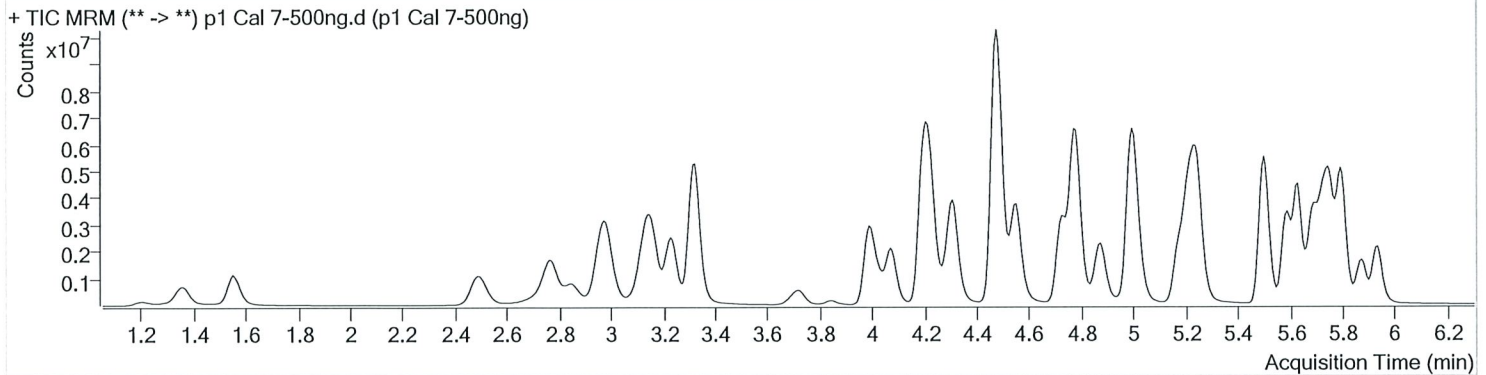
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
 Calibration Last Update 7/28/2020 11:59:00 AM

Instrument Falco Data File p1 Cal 7-500ng.d
 Type Cal Sample p1 Cal 7-500ng
 Acq. Method MDQ P1 060520.m Operator Tamara Salazar
 Sample Position P1-G3 Comment
 Injection Volume 2
 Acq. Date-Time 7/24/2020 3:43:04 AM
 Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.085 | 158965 | 15728.93 | 71.6 | 1507.92 | 69042 | 49.2037 ng/ml |
| 7-aminoclonazepam | 4.223 | 1684696 | 13424.35 | 82.1 | 32772.26 | 136531 | 474.7222 ng/ml |
| a-hydroxyalprazolam | 5.668 | 972234 | ∞ | 60.8 | ∞ | 50162 | 475.7297 ng/ml |
| alpha-PHP | 4.875 | 1444916 | 21874.69 | 266.5 | 13307.14 | 565024 | 553.5027 ng/ml |
| alpha-PVP | 4.308 | 6687324 | 40471.07 | 49.9 | 27404.58 | 565024 | 486.3659 ng/ml |
| Alprazolam | 5.751 | 3427836 | 1820.93 | 106.2 | 2079.14 | 190622 | 499.5140 ng/ml |
| Amphetamine | 2.983 | 7164961 | 134698.66 | 50.8 | 93766.30 | 214148 | 375.5088 ng/ml |
| Benzoylcegonine | 3.838 | 294357 | 2934.94 | 7.8 | 606.69 | 19831 | 495.3837 ng/ml |
| Buprenorphine | 5.647 | 150699 | ∞ | 16.0 | 1705.44 | 119309 | 51.9564 ng/ml |
| Bupropion | 4.726 | 5694303 | 153328.58 | 59.6 | 40806.10 | 381915 | 497.4211 ng/ml |
| Carisoprodol | 5.700 | 2691056 | 2395.62 | 53.6 | 590.37 | 256479 | 501.1384 ng/ml |
| Citalopram | 5.176 | 3438122 | 2164.33 | 42.3 | 40392.52 | 302500 | 498.9395 ng/ml |
| Clonazepam | 5.581 | 4282292 | 72543.41 | 32.8 | ∞ | 112250 | 471.2892 ng/ml |
| Cocaine | 4.216 | 6097641 | 264996.17 | 43.8 | 141327.30 | 874440 | 496.2694 ng/ml |
| Codeine | 2.509 | 662791 | 455.10 | 103.9 | 481.77 | 63328 | 495.8160 ng/ml |
| Cyclobenzaprine | 5.592 | 2988232 | 156320.60 | 9.6 | 3814.40 | 223585 | 515.7199 ng/ml |
| Dextromethorphan | 5.219 | 1727410 | 79688.62 | 78.7 | 784.20 | 163763 | 487.7829 ng/ml |
| Dextrorphan | 4.070 | 1674611 | 1941.54 | 212.5 | 2070.14 | 426433 | 492.6112 ng/ml |
| Diazepam | 5.936 | 2891966 | 2626.27 | 86.9 | 5652.04 | 281193 | 492.8623 ng/ml |
| Dihydrocodeine | 2.481 | 1871198 | 30842.23 | 65.1 | 19833.04 | 228307 | 468.6462 ng/ml |
| Diphenhydramine | 5.247 | 8401938 | 35651.87 | 32.1 | 1575.98 | 1094765 | 495.9210 ng/ml |
| Doxylamine | 4.474 | 15499715 | 261821.45 | 98.0 | 248258.86 | 1261132 | 511.5271 ng/ml |
| EDDP | 5.211 | 5830441 | 1872.94 | 41.8 | 1669.80 | 601297 | 505.5889 ng/ml |
| Fentanyl | 5.026 | 324456 | 810.88 | 68.7 | 990755.09 | 259883 | 52.8407 ng/ml |
| Fluoxetine | 5.690 | 3195470 | 74153.90 | 8.6 | 22542.67 | 251103 | 497.0900 ng/ml |
| Hydrocodone | 2.953 | 2207683 | 797.52 | 38.8 | 3690.50 | 320975 | 455.1421 ng/ml |
| Hydromorphone | 1.553 | 2164567 | ∞ | 77.0 | ∞ | 137867 | 501.3027 ng/ml |
| Ketamine | 3.990 | 5916671 | 6888.33 | 38.5 | 3785.47 | 543745 | 491.1761 ng/ml |
| Lamotrigine | 4.232 | 301194 | 28405.43 | 81.4 | 19548.65 | 543745 | 307.6320 ng/ml |
| Lorazepam | 5.722 | 1721401 | 6006.55 | 54.2 | 213.66 | 112250 | 236.5489 ng/ml |
| MDA | 3.130 | 4867049 | 89333.69 | 19.8 | 4064.08 | 251920 | 472.6522 ng/ml |
| MDMA | 3.231 | 4855228 | 36287.49 | 65.0 | ∞ | 93602 | 496.2358 ng/ml |
| Meprobamate | 4.869 | 1353746 | 414.05 | 25.3 | 729.36 | 174031 | 429.9228 ng/ml |

AM #28 Multi-Drug Quant. Results



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|-----------|------------|----------------|
| Methadone | 5.629 | 6069159 | 12088.32 | 49.9 | 6473.67 | 544312 | 494.7682 ng/ml |
| Methamphetamine | 3.158 | 5439800 | 5337.20 | 41.5 | 3859.23 | 568582 | 495.0558 ng/ml |
| Metoprolol | 4.278 | 973569 | 5366030.16 | 97.1 | 17390.95 | 1261052 | 518.6291 ng/ml |
| Mirtazapine | 4.549 | 6955464 | 29014.06 | 47.4 | 358811.50 | 565024 | 519.4241 ng/ml |
| Mitragynine | 5.161 | 1260521 | 91586.82 | 38.8 | 268547.97 | 544312 | 534.9878 ng/ml |
| Morphine | 1.206 | 361975 | 12200.06 | 21.9 | 10123.68 | 8107 | 495.3585 ng/ml |
| Norbuprenorphine | 4.944 | 16959 | 436.84 | 81.5 | 35877.02 | 15339 | 46.6698 ng/ml |
| Nordiazepam | 5.876 | 2590547 | 1440.71 | 58.5 | 1593.74 | 169917 | 500.0345 ng/ml |
| Norfentanyl | 4.037 | 1107463 | 88194.27 | 37.2 | 15292.71 | 937677 | 51.0519 ng/ml |
| Norhydrocodone | 3.014 | 206461 | 303.49 | 42.7 | 773.20 | 34463 | 574.6126 ng/ml |
| Noroxycodone | 2.845 | 1833121 | 4680.30 | 48.6 | 1404.57 | 125668 | 505.1910 ng/ml |
| O-desmethyl-tramadol | 3.323 | 14474730 | 274759.03 | 5.7 | 4757.79 | 1446632 | 513.7810 ng/ml |
| Oxazepam | 5.726 | 2651717 | 48537.24 | 70.5 | ∞ | 337674 | 488.6945 ng/ml |
| Oxycodone | 2.762 | 5688854 | 6260.32 | 30.6 | 2245.69 | 506882 | 487.6090 ng/ml |
| Oxymorphone | 1.356 | 1895643 | 11512.83 | 48.0 | ∞ | 145963 | 477.8753 ng/ml |
| Phentermine | 3.723 | 1618465 | ∞ | 3.1 | 3807.80 | 488136 | 473.4043 ng/ml |
| Promethazine | 5.508 | 7093156 | 2181.94 | 29.6 | 5565.02 | 588507 | 494.4020 ng/ml |
| Quetiapine | 5.485 | 3760394 | 65510.79 | 59.0 | 70044.32 | 106913 | 470.3232 ng/ml |
| Sertraline | 5.751 | 1302440 | 59839.92 | 91.9 | 1905.08 | 104997 | 491.1613 ng/ml |
| Temazepam | 5.799 | 8679368 | 4437.90 | 28.6 | 2991.96 | 788360 | 518.1308 ng/ml |
| Tramadol | 4.190 | 12018702 | 3907.77 | 3.3 | 2741.53 | 1261052 | 502.2418 ng/ml |
| Trazodone | 4.999 | 4230769 | 188507.31 | 78.0 | 9992.46 | 430085 | 431.1363 ng/ml |
| Venlafaxine | 4.994 | 9031426 | 242912.79 | 35.6 | 45410.37 | 918394 | 493.5067 ng/ml |
| Zolpidem | 4.777 | 14548956 | 3916.91 | 29.5 | ∞ | 1352594 | 512.3058 ng/ml |

TS

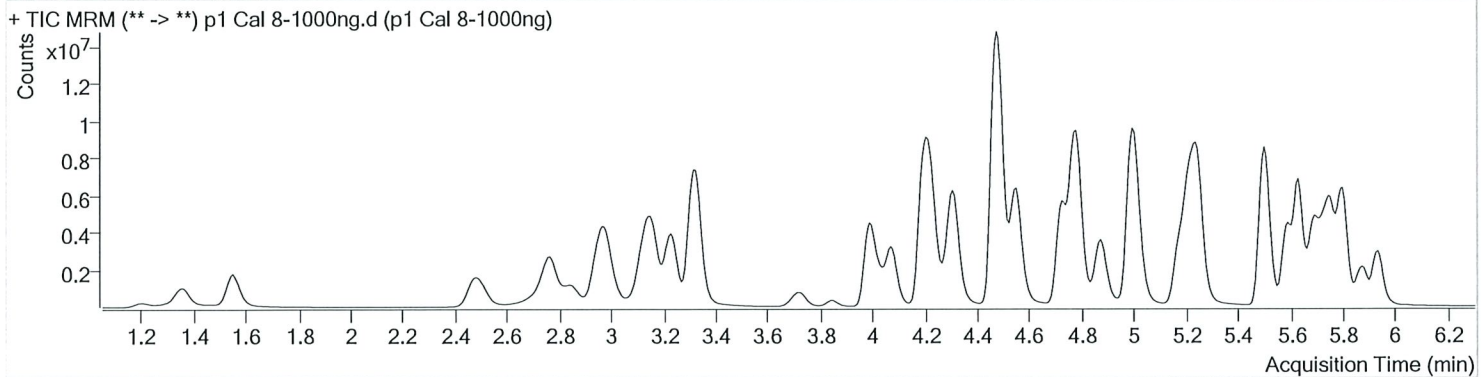


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2020\AM 27-28\072320 AM 27 AM 28 P1 and P2 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/28/2020 11:59:00 AM

| | | | |
|-------------------------|----------------------|------------------|-------------------|
| Instrument | Falco | Data File | p1 Cal 8-1000ng.d |
| Type | Cal | Sample | p1 Cal 8-1000ng |
| Acq. Method | MDQ P1 060520.m | Operator | Tamara Salazar |
| Sample Position | P1-H3 | Comment | |
| Injection Volume | 2 | | |
| Acq. Date-Time | 7/24/2020 3:53:38 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|-----------|------------|-----------------|
| 6-MAM | 3.079 | 290164 | 1639.39 | 70.5 | 13807.98 | 62738 | 98.8549 ng/ml |
| 7-aminoclonazepam | 4.230 | 1874108 | 15228.26 | 82.0 | 25412.77 | 79562 | 906.7584 ng/ml |
| a-hydroxyalprazolam | 5.668 | 1325545 | ∞ | 62.2 | ∞ | 35451 | 918.1003 ng/ml |
| alpha-PHP | 4.875 | 2506334 | ∞ | 269.6 | 88329.41 | 466147 | 1164.3923 ng/ml |
| alpha-PVP | 4.308 | 11642754 | 17545.36 | 50.0 | 9074.70 | 466147 | 1025.6773 ng/ml |
| Alprazolam | 5.751 | 4766185 | 3715.69 | 105.6 | ∞ | 132520 | 998.6130 ng/ml |
| Amphetamine | 2.977 | 10465579 | 210840.43 | 50.9 | 86921.29 | 195180 | 602.1630 ng/ml |
| Benzoylcegonine | 3.845 | 658027 | 12302.72 | 7.8 | 2891.72 | 20704 | 1060.2139 ng/ml |
| Buprenorphine | 5.647 | 241108 | 2237.17 | 16.4 | 745.68 | 89685 | 110.5694 ng/ml |
| Bupropion | 4.726 | 10123600 | 16632.53 | 58.7 | 4530.55 | 347036 | 973.4422 ng/ml |
| Carisoprodol | 5.700 | 3316398 | ∞ | 53.8 | 347.90 | 158958 | 996.6208 ng/ml |
| Citalopram | 5.176 | 5192911 | ∞ | 42.5 | 47999.95 | 226011 | 1008.2888 ng/ml |
| Clonazepam | 5.581 | 5395353 | 97857.08 | 32.4 | 40990.26 | 79382 | 840.2145 ng/ml |
| Cocaine | 4.216 | 9537127 | 307231.89 | 43.4 | 91046.52 | 669102 | 1013.8931 ng/ml |
| Codeine | 2.509 | 1038522 | 17585.13 | 104.4 | 1354.82 | 52634 | 935.0914 ng/ml |
| Cyclobenzaprine | 5.592 | 4774391 | 2021.45 | 9.5 | 11442.25 | 174096 | 1058.0203 ng/ml |
| Dextromethorphan | 5.219 | 2400604 | 113107.09 | 78.4 | 1092.27 | 109710 | 1011.8929 ng/ml |
| Dextrorphan | 4.070 | 2737476 | 27948.67 | 215.4 | 56806.20 | 340468 | 1008.3102 ng/ml |
| Diazepam | 5.936 | 4379532 | 1509.63 | 86.9 | ∞ | 206801 | 1014.9431 ng/ml |
| Dihydrocodeine | 2.475 | 3150468 | ∞ | 63.5 | 3108.58 | 210408 | 856.7588 ng/ml |
| Diphenhydramine | 5.247 | 13176959 | 4242.94 | 32.3 | 12417.41 | 835126 | 1018.7729 ng/ml |
| Doxylamine | 4.477 | 24589575 | 230947.71 | 99.7 | ∞ | 1129815 | 905.9485 ng/ml |
| EDDP | 5.211 | 10143238 | 12732.28 | 41.5 | 2781.02 | 509976 | 1037.0890 ng/ml |
| Fentanyl | 5.033 | 537550 | 12170.34 | 69.7 | 157854.80 | 196474 | 115.7897 ng/ml |
| Fluoxetine | 5.690 | 4617174 | 57249.01 | 8.6 | 196894.38 | 177186 | 1017.1188 ng/ml |
| Hydrocodone | 2.953 | 3635678 | ∞ | 38.7 | 3254.57 | 277553 | 867.1988 ng/ml |
| Hydromorphone | 1.553 | 3531893 | 725.04 | 79.8 | ∞ | 118902 | 948.4908 ng/ml |
| Ketamine | 3.990 | 10028169 | 4516.36 | 37.9 | 2941.80 | 473007 | 957.4059 ng/ml |
| Lamotrigine | 4.239 | 359350 | 23476.52 | 80.1 | 21967.80 | 473007 | 422.2658 ng/ml |
| Lorazepam | 5.722 | 1643156 | ∞ | 57.4 | 7757.92 | 79382 | 319.6281 ng/ml |
| MDA | 3.123 | 6081497 | 100882.79 | 19.2 | 20617.67 | 181942 | 818.3502 ng/ml |
| MDMA | 3.231 | 7882567 | ∞ | 64.3 | ∞ | 74261 | 1015.4875 ng/ml |
| Meprobamate | 4.862 | 1719245 | 82329.50 | 25.8 | 7771.24 | 133172 | 713.8653 ng/ml |

15



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|-----------|------------|-----------------|
| Methadone | 5.629 | 9953788 | 336516.52 | 49.1 | 9450.12 | 433135 | 1019.0292 ng/ml |
| Methamphetamine | 3.158 | 9850975 | 51436.30 | 40.9 | 22210.50 | 584366 | 873.1910 ng/ml |
| Metoprolol | 4.278 | 1438646 | ∞ | 96.6 | ∞ | 1064419 | 908.4853 ng/ml |
| Mirtazapine | 4.549 | 12019875 | 190139.05 | 47.7 | 114296.32 | 466147 | 1087.4440 ng/ml |
| Mitragynine | 5.161 | 2142188 | 142418.41 | 37.5 | 64455.58 | 433135 | 1142.7851 ng/ml |
| Morphine | 1.200 | 612209 | 5879.32 | 22.7 | 2981.77 | 7267 | 934.3908 ng/ml |
| Norbuprenorphine | 4.944 | 28678 | 523.60 | 82.2 | 921.21 | 13417 | 90.2824 ng/ml |
| Nordiazepam | 5.878 | 3653961 | ∞ | 57.9 | 55492.45 | 121825 | 983.9506 ng/ml |
| Norfentanyl | 4.037 | 2002090 | 79618.48 | 37.2 | 17805.50 | 786749 | 109.9650 ng/ml |
| Norhydrocodone | 3.007 | 373506 | 76.48 | 41.8 | 719.26 | 26983 | 1326.9295 ng/ml |
| Noroxycodone | 2.845 | 2699779 | 186.47 | 48.6 | 269.74 | 96297 | 971.0632 ng/ml |
| O-desmethyl-tramadol | 3.323 | 23168385 | ∞ | 5.9 | 2365.42 | 1176071 | 1011.4338 ng/ml |
| Oxazepam | 5.726 | 2544374 | 7539.76 | 71.3 | 5617.21 | 175020 | 905.0578 ng/ml |
| Oxycodone | 2.762 | 9965804 | ∞ | 30.1 | 2944.99 | 454856 | 952.1967 ng/ml |
| Oxymorphone | 1.356 | 3103384 | 1013.89 | 46.3 | 1297.60 | 119847 | 953.1870 ng/ml |
| Phentermine | 3.723 | 2589264 | ∞ | 3.0 | ∞ | 441760 | 837.4279 ng/ml |
| Promethazine | 5.508 | 11775910 | 93979.41 | 29.3 | 8940.31 | 472582 | 1021.1056 ng/ml |
| Quetiapine | 5.485 | 6186381 | 2069.83 | 59.7 | 172593.44 | 93100 | 888.7222 ng/ml |
| Sertraline | 5.751 | 1641517 | 72295.78 | 89.7 | 65872.50 | 64068 | 1014.0811 ng/ml |
| Temazepam | 5.799 | 12155207 | 64554.22 | 28.5 | 639305.09 | 538352 | 1062.5169 ng/ml |
| Tramadol | 4.190 | 18530464 | ∞ | 3.3 | 1425.18 | 1064419 | 917.7436 ng/ml |
| Trazodone | 4.999 | 6346137 | 16756.21 | 77.7 | 380281.60 | 378801 | 734.5832 ng/ml |
| Venlafaxine | 4.994 | 15121235 | ∞ | 35.1 | 5555.22 | 747800 | 1014.1278 ng/ml |
| Zolpidem | 4.777 | 23038474 | 1283925.37 | 30.7 | 760635.27 | 1157969 | 947.6985 ng/ml |