













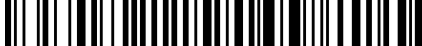


REVIEWED
By Sarah Collins at 1:04 pm, Jul 03, 2023

Worklist: 6417

| <u>LAB_CASE</u> | <u>ITEM</u> | <u>ITEM_TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|---|---|
| C2023-1187 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1196 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1261 | 7 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1265 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1300 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1319 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1322 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1335 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1336 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1338 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1359 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1368 | 1 | UCK | AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ |  |
| C2023-1382 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1390 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2023-1410 | 2 | UCK | AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQQ |  |

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

Extraction Date 6/28/23 Analyst: Anne Nord
Plate lot#: 230117 Item: IDP-121-3CDA Plate re-test: 07/17/2023

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: 23C57106 **Urine Blank lot** 61423

Column: Agilent 120 EC-C18 (2.1x 100-2.7um) **LCMS-QQQ ID:** 69679

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. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) or 250µL hydrolyzed urine in wells of analytical (standards) plate. **Pipette ID: 390993**
- 3. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792**
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH,
- 15. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

7-aminoclonazepam 5-250 cal 7 and 8 dropped due to accuracy
Amphetamine 5-250 cal 7 and 8 dropped due to accuracy
Dihydrocodeine 5-500 cal 8 dropped due to accuracy
DMT – Not evaluated lowering ratios
Fluorofentanyl 0.5-50 cal 8 dropped due to accuracy
Lamotrigine 5-500 cal 8 dropped due to accuracy
Lorazepam 5-500 cal 8 dropped due to accuracy
MDA 5-500 cal 8 dropped due to accuracy
Methamphetamine 5-500 cal 8 dropped due to accuracy
Norhydrocodone not evaluated rising ratios
Phentermine 5-500 cal 8 dropped due to accuracy
Sertraline qualitative from 5-10 ng due to accuracy of 10ng QC.



C2023-1335 followed another sample with buprenorphine and norbuprenorphine the sample was reinjected following a blank.

C2023-1336-1, C2023-1338-2, C2023-1359-1 were injected following a non-extracted blank that was accidentally made with a calibrator. The non-extracted blank was re-made and the samples were reinjected, those samples were evaluated.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|-------------------|--------|-------------------|---|----|----|-----------------------------|
| A | | | | | IS + Cal. 1 SLE and injection plate | IS + QC_1 | 1196-2 | 1359-1 | | | | |
| B | | | | | IS + Cal. 2 | IS + QC_2 | 1300-1 | 1382-1 | | | | |
| C | | | | | IS + Cal. 3 | IS + QC 3 | 1322-1 | 1390-1 | | | | |
| D | | | | | IS + Cal. 4 | IS + QC_4 | 1261-7 | negative urine | | | | |
| E | | | | | IS + Cal. 5 | IS + QC_2 | 1319-1 | 1410-2 | | | | |
| F | | | | | IS + Cal. 6 | negative blood | 1335-1 | 1368-1 | | | | |
| G | | | | | IS + Cal. 7 | 1187-1 | 1336-1 | | | | | |
| H | | | | | IS + Cal. 8 | 1265-1 | 1338-2 | | | | | IS + Cal. 1 mixing plate |

blank in front

plate position 2

c2023-__-__

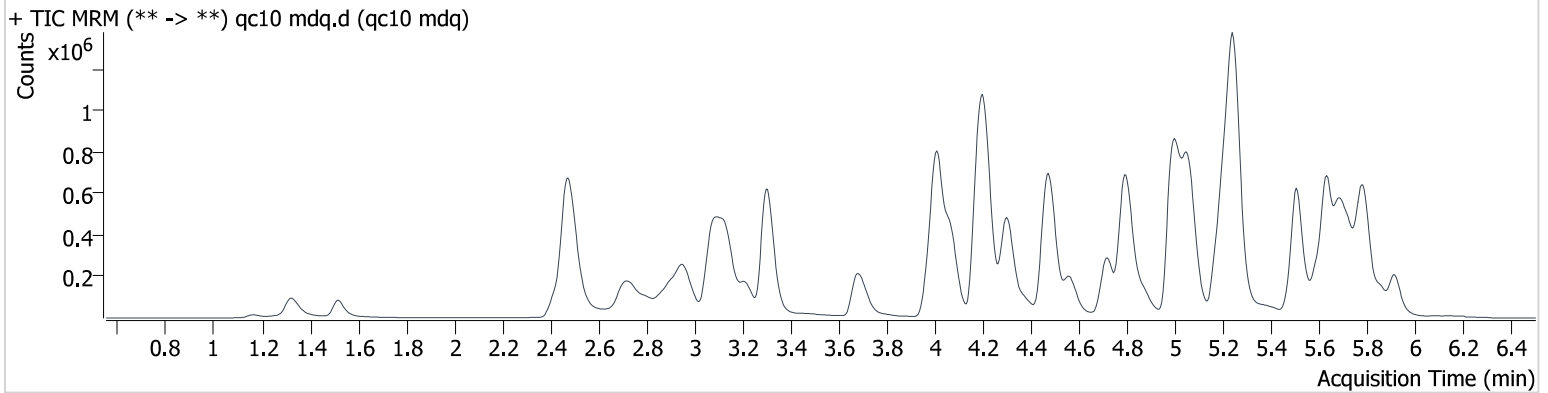
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type QC
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-A6
Injection Volume 3
Acq. Date-Time 6/28/2023 1:06:15 PM
Sample Info.

Data File qc10 mdq.d
Sample qc10 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|--------|----------|------------|--------------|
| 6-MAM | 3.072 | 3998 | ∞ | 136.29 | 235075.6 | 101879 | 0.977 ng/ml |
| 7-aminoclonazepam | 4.196 | 54566 | 6158.5 | 113.94 | 12825.4 | 252850 | 11.059 ng/ml |
| a-hydroxyalprazolam | 5.655 | 16012 | 5500.1 | 71.80 | ∞ | 381655 | 8.833 ng/ml |
| alpha-PHP | 4.874 | 81840 | 10330.6 | 243.58 | 5850.8 | 926556 | 10.384 ng/ml |
| alpha-PVP | 4.311 | 265699 | 225911.0 | 54.89 | 6319.8 | 926556 | 10.497 ng/ml |
| Alprazolam | 5.734 | 159084 | 36663.8 | 94.50 | 2555.8 | 344464 | 9.967 ng/ml |
| Amphetamine | 2.959 | 161488 | 11581.9 | 277.18 | 7258.3 | 421154 | 11.085 ng/ml |
| Benzoylcegonine | 3.807 | 6359 | 716.5 | 43.06 | 46.5 | 21421 | 9.519 ng/ml |
| Buprenorphine | 5.664 | 9628 | 2282.1 | 17.35 | 1530.9 | 138189 | 0.983 ng/ml |
| Bupropion | 4.730 | 232701 | 10791.6 | 80.04 | 5792.0 | 679278 | 10.102 ng/ml |
| Carisoprodol | 5.690 | 97272 | 77024.6 | 62.95 | 982.9 | 298226 | 10.198 ng/ml |
| Chlordiazepoxide | 5.802 | 34453 | 209.9 | 139.42 | 2083.5 | 657487 | 9.879 ng/ml |
| Chlorpheniramine | 5.063 | 411775 | 14035.7 | 0.28 | 100.5 | 1532827 | 10.028 ng/ml |
| Citalopram | 5.180 | 226747 | 5838.9 | 42.10 | 7097.2 | 794524 | 9.878 ng/ml |
| Clonazepam | 5.572 | 69732 | 8181.5 | 31.36 | 78016.7 | 118965 | 9.986 ng/ml |
| Clonazolam | 5.513 | 80229 | 7360.3 | 38.38 | 859.0 | 197484 | 10.574 ng/ml |
| Cocaine | 4.210 | 188759 | 10757.6 | 50.85 | 2570.1 | 1469594 | 9.926 ng/ml |
| Codeine | 2.488 | 27690 | 20174.0 | 89.12 | 838.8 | 97324 | 10.547 ng/ml |
| Cyclobenzaprine | 5.595 | 170072 | 9104.0 | 8.40 | 207.3 | 459215 | 11.021 ng/ml |
| Dextromethorphan | 5.224 | 139251 | 8073.4 | 72.74 | 9473.8 | 620875 | 9.583 ng/ml |
| Dextrorphan | 4.070 | 185467 | 33434.4 | 44.84 | 3702.7 | 896180 | 10.045 ng/ml |
| Diazepam | 5.922 | 97340 | 3341.4 | 85.62 | 1885.9 | 338624 | 10.374 ng/ml |
| Dihydrocodeine | 2.457 | 71860 | 1348.5 | 58.76 | 285.7 | 419785 | 10.982 ng/ml |
| Diphenhydramine | 5.250 | 755977 | 15594.2 | 32.43 | 12405.5 | 2619771 | 9.806 ng/ml |
| Doxylamine | 4.481 | 602245 | 10074.6 | 93.09 | ∞ | 1710294 | 10.310 ng/ml |
| Duloxetine | 5.631 | 17659 | 132.4 | 9.03 | 44.0 | 41216 | 11.791 ng/ml |
| EDDP | 5.213 | 254159 | 8972.6 | 41.99 | 7926.8 | 1167460 | 10.056 ng/ml |
| Etizolam | 5.779 | 15120 | 2728.6 | 403.48 | 19501.8 | 338624 | 11.012 ng/ml |
| Fentanyl | 5.036 | 16587 | 1107.8 | 131.77 | 1302.9 | 727886 | 1.010 ng/ml |
| Flualprazolam | 5.666 | 52770 | 63045.9 | 102.56 | 1087.7 | 197484 | 10.453 ng/ml |
| Fluorofentanyl | 5.087 | 14438 | 1964.2 | 120.31 | 254.3 | 7121 | 0.956 ng/ml |
| Fluoxetine | 5.693 | 128553 | 9470.6 | 6.11 | 13863.9 | 355243 | 11.629 ng/ml |
| Hydrocodone | 2.941 | 88243 | ∞ | 36.09 | 1658.1 | 434834 | 10.333 ng/ml |



AM #28 Multi-Drug Quant. Results

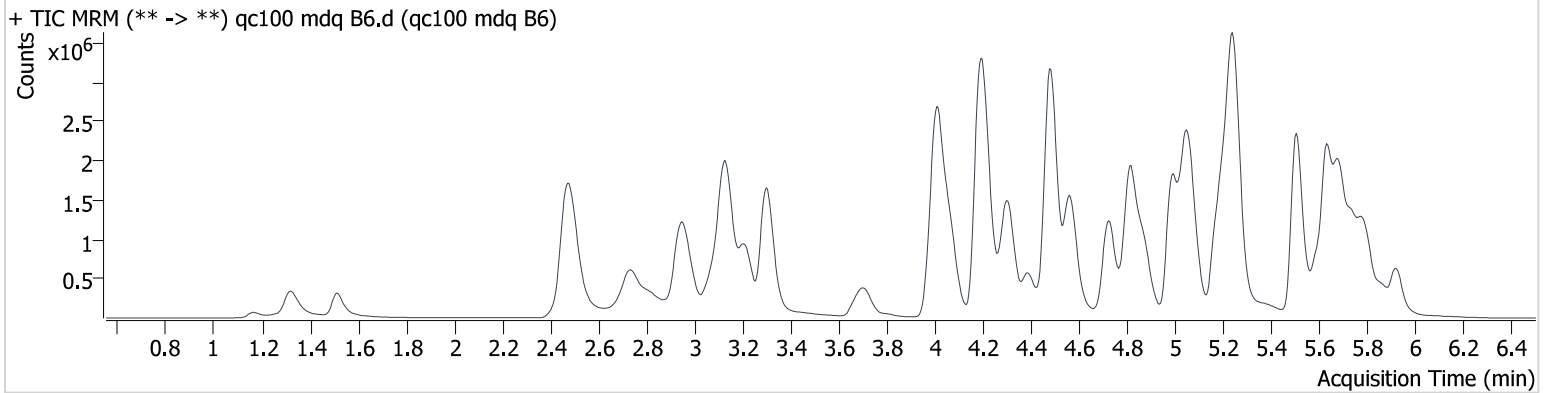
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|----------|--------|----------------------|------------|--------------|
| Hydromorphone | 1.522 | 59709 | 4255.4 | 72.46 | 1997.7 | 184500 | 9.864 ng/ml |
| Hydroxyzine | 5.670 | 166295 | 1034.3 | 116.53 | 2250.9 | 2009562 | 9.671 ng/ml |
| Ketamine | 3.989 | 205016 | 10109.3 | 37.35 | 738.3 | 683671 | 10.612 ng/ml |
| Lamotrigine | 4.228 | 15448 | 2575.7 | 100.49 | 48960.4 | 525478 | 10.374 ng/ml |
| Lorazepam | 5.713 | 34256 | ∞ | 42.94 | 375.4 | 381655 | 8.753 ng/ml |
| MDA | 3.121 | 232783 | ∞ | 30.80 | ∞ | 525478 | 10.913 ng/ml |
| MDMA | 3.218 | 155859 | 13685.0 | 113.09 | 32594.9 | 176755 | 10.401 ng/ml |
| Meprobamate | 4.844 | 72858 | 1845.9 | 32.69 | 2802.6 | 188281 | 10.720 ng/ml |
| Methadone | 5.630 | 368844 | ∞ | 50.16 | ∞ | 1086620 | 10.221 ng/ml |
| Methamphetamine | 3.143 | 498339 | 16803.8 | 38.59 | 2951.1 | 1409645 | 11.075 ng/ml |
| Metoprolol | 4.278 | 57637 | 262932.2 | 94.70 | 98539.2 | 525478 | 10.674 ng/ml |
| Mirtazapine | 4.564 | 377918 | 16046.5 | 48.41 | 10755.5 | 777057 | 10.727 ng/ml |
| Mitragynine | 5.168 | 63590 | 4375.2 | 31.78 | 21309.5 | 2009562 | 9.753 ng/ml |
| Morphine | 1.171 | 9597 | 901.6 | 18.89 | 208.4 | 10803 | 10.575 ng/ml |
| Norbuprenorphine | 4.952 | 2011 | 24444.6 | 98.86 | 7811.3 | 23980 | 1.038 ng/ml |
| Nordiazepam | 5.866 | 68219 | 3822.9 | 61.10 | 1178.9 | 197484 | 10.420 ng/ml |
| Norfentanyl | 4.030 | 4669 | 447.6 | 276.75 | 204.6 | 1330352 | 0.954 ng/ml |
| Noroxycodone | 2.824 | 60018 | 1014.4 | 52.68 | ∞ | 218204 | 9.642 ng/ml |
| O-desmethyl-tramadol | 3.309 | 433589 | 61251.4 | 6.37 | 1207.2 | 1763524 | 10.284 ng/ml |
| O-Desmethylvenlafaxine | 4.018 | 130686 | 1059.1 | 233.48 | 1442.4 | 378005 | 10.274 ng/ml |
| Olanzapine | 4.378 | 126794 | 265.8 | 41.96 | 91.0 | 279617 | 9.876 ng/ml |
| Oxazepam | 5.720 | 73084 | 2546.1 | 70.30 | 6584.2 | 381655 | 10.054 ng/ml |
| Oxycodone | 2.741 | 181427 | 4057.8 | 30.76 | 5658.2 | 585598 | 10.536 ng/ml |
| Oxymorphone | 1.324 | 99668 | ∞ | 45.71 | ∞ | 325144 | 9.954 ng/ml |
| Phentermine | 3.714 | 72610 | 2001.0 | 14.03 | 565.7 | 777057 | 10.339 ng/ml |
| Promethazine | 5.511 | 209057 | 3939.6 | 40.85 | 3244.2 | 950975 | 9.811 ng/ml |
| Pseudoephedrine | 2.486 | 594323 | ∞ | 17.20 | 4598946553 0990.8 | 2009562 | 10.150 ng/ml |
| Quetiapine | 5.497 | 295028 | ∞ | 64.41 | 119032.4 | 416348 | 10.442 ng/ml |
| Sertraline | 5.755 | 35189 | 2445.5 | 96.22 | 4144.8 | 99238 | 12.963 ng/ml |
| Temazepam | 5.781 | 200578 | 3788.6 | 31.27 | 316.2 | 998853 | 9.813 ng/ml |
| Tramadol | 4.192 | 435771 | ∞ | 3.54 | 445.5 | 1773694 | 10.274 ng/ml |
| Trazodone | 5.030 | 168072 | 1616.3 | 124.40 | 1649.2 | 838392 | 10.792 ng/ml |
| Venlafaxine | 4.991 | 306508 | 4346.3 | 47.25 | 5898.1 | 1630689 | 10.350 ng/ml |
| Zolpidem | 4.810 | 445287 | 11271.3 | 26.51 | 5002.7 | 1895855 | 10.172 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

| | | | |
|-------------------------|----------------------|------------------|--|
| Instrument | 69679 | Data File | qc100 mdq B6.d |
| Type | QC | Sample | qc100 mdq B6 |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-B6 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 3 | | |
| Acq. Date-Time | 6/28/2023 7:30:59 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|--------|-----------|------------|---------------|
| 6-MAM | 3.062 | 37141 | 90538.8 | 131.38 | 1648138.9 | 92328 | 10.502 ng/ml |
| 7-aminoclonazepam | 4.191 | 395092 | 12424.6 | 107.62 | 59487.3 | 194900 | 112.209 ng/ml |
| a-hydroxyalprazolam | 5.650 | 95975 | 1276.6 | 70.40 | 802.4 | 162547 | 104.657 ng/ml |
| alpha-PHP | 4.874 | 721521 | 127812.7 | 252.91 | 20219.7 | 837787 | 99.839 ng/ml |
| alpha-PVP | 4.306 | 2412784 | 51160.6 | 53.30 | 163676.8 | 837787 | 103.550 ng/ml |
| Alprazolam | 5.739 | 1203686 | 57149.3 | 92.76 | 6979.9 | 250242 | 102.439 ng/ml |
| Amphetamine | 2.954 | 1268960 | 118231.9 | 271.08 | 208623.2 | 372680 | 109.956 ng/ml |
| Benzoylcegonine | 3.807 | 61410 | 4592.0 | 41.11 | 4600.2 | 21203 | 94.460 ng/ml |
| Buprenorphine | 5.680 | 73499 | 5248.4 | 15.95 | 9192.5 | 97144 | 10.880 ng/ml |
| Bupropion | 4.725 | 2257077 | 3834885.9 | 72.64 | 50716.8 | 650339 | 107.757 ng/ml |
| Carisoprodol | 5.695 | 545219 | 554784.4 | 65.27 | 1700.6 | 188932 | 90.325 ng/ml |
| Chlordiazepoxide | 5.808 | 275209 | 1844.7 | 118.66 | 1218.1 | 470436 | 112.429 ng/ml |
| Chlorpheniramine | 5.058 | 3609586 | ∞ | 0.29 | 2943.1 | 1394925 | 98.645 ng/ml |
| Citalopram | 5.170 | 1821144 | 126919.1 | 43.43 | 3840967.8 | 633004 | 100.503 ng/ml |
| Clonazepam | 5.572 | 494054 | 23665.3 | 32.58 | 214438.1 | 82614 | 103.599 ng/ml |
| Clonazolam | 5.513 | 565591 | 197549.9 | 37.17 | 7587.7 | 144127 | 108.772 ng/ml |
| Cocaine | 4.210 | 1649086 | 393720.5 | 49.32 | 788652.2 | 1269372 | 100.528 ng/ml |
| Codeine | 2.488 | 190440 | 16817.7 | 91.01 | ∞ | 76151 | 102.882 ng/ml |
| Cyclobenzaprine | 5.595 | 1355535 | 540603.8 | 8.03 | 3339.9 | 358359 | 114.117 ng/ml |
| Dextromethorphan | 5.213 | 1091989 | 136386.4 | 74.00 | ∞ | 476029 | 97.391 ng/ml |
| Dextrorphan | 4.065 | 1659363 | 95614.5 | 44.85 | 76501.1 | 790941 | 94.845 ng/ml |
| Diazepam | 5.922 | 819603 | 13547.6 | 85.58 | 9519.7 | 279228 | 103.559 ng/ml |
| Dihydrocodeine | 2.447 | 560090 | 1066.6 | 60.46 | 862.5 | 381502 | 105.168 ng/ml |
| Diphenhydramine | 5.245 | 6363498 | 659179.8 | 30.47 | ∞ | 2030797 | 98.639 ng/ml |
| Doxylamine | 4.481 | 5578237 | 2078061.9 | 94.50 | 791058.8 | 1634690 | 103.253 ng/ml |
| Duloxetine | 5.626 | 92970 | 491.0 | 10.83 | 1506.0 | 26959 | 94.366 ng/ml |
| EDDP | 5.213 | 1791613 | 106128.0 | 43.93 | ∞ | 866607 | 97.574 ng/ml |
| Etizolam | 5.785 | 120905 | 174234.0 | 396.63 | ∞ | 279228 | 107.272 ng/ml |
| Fentanyl | 5.036 | 133388 | 5274.1 | 132.88 | 27302.9 | 592870 | 10.120 ng/ml |
| Flualprazolam | 5.671 | 336245 | 8367.4 | 103.49 | 1270.6 | 144127 | 95.722 ng/ml |
| Fluorofentanyl | 5.092 | 133004 | 126304.1 | 116.06 | 3997.5 | 5977 | 9.486 ng/ml |
| Fluoxetine | 5.693 | 639764 | 119806.3 | 7.05 | 196851.2 | 225759 | 90.639 ng/ml |
| Hydrocodone | 2.931 | 687764 | ∞ | 37.41 | ∞ | 373441 | 99.166 ng/ml |



AM #28 Multi-Drug Quant. Results

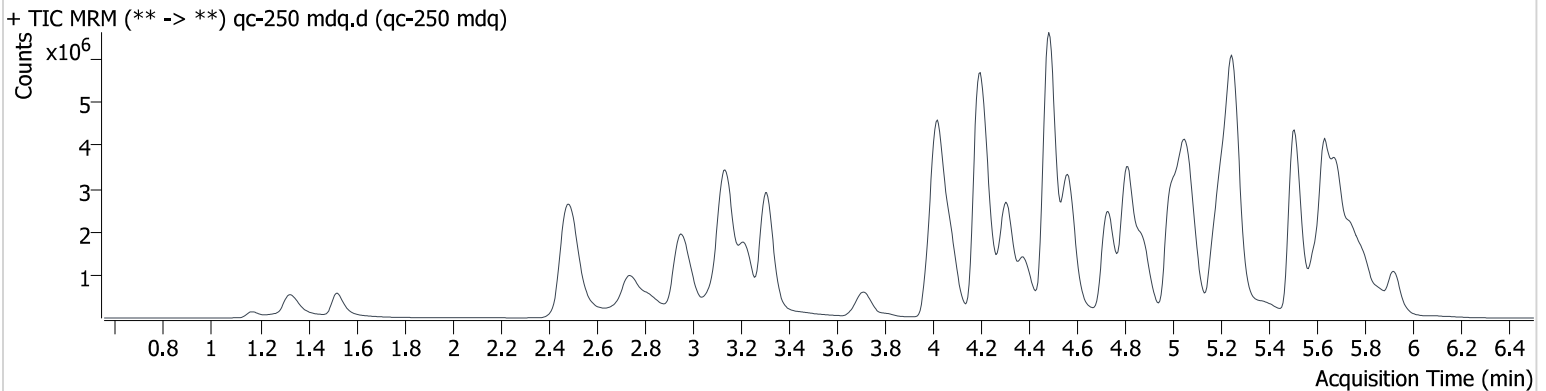
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------|--------|-----------|------------|---------------|
| Hydromorphone | 1.517 | 554880 | 6713.4 | 72.40 | ∞ | 165945 | 101.656 ng/ml |
| Hydroxyzine | 5.670 | 1365114 | 1554.4 | 119.07 | 51355.9 | 1648957 | 93.830 ng/ml |
| Ketamine | 3.989 | 1672124 | 130101.1 | 38.37 | 8312.5 | 592379 | 107.342 ng/ml |
| Lamotrigine | 4.223 | 113640 | 4552.0 | 91.49 | 181232.2 | 414892 | 99.674 ng/ml |
| Lorazepam | 5.713 | 161910 | ∞ | 44.90 | ∞ | 162547 | 93.798 ng/ml |
| MDA | 3.111 | 1659622 | ∞ | 29.80 | ∞ | 414892 | 107.298 ng/ml |
| MDMA | 3.213 | 1423706 | ∞ | 106.22 | 151437.0 | 159552 | 103.715 ng/ml |
| Meprobamate | 4.839 | 486226 | 20899.6 | 32.09 | 17039.0 | 141822 | 104.236 ng/ml |
| Methadone | 5.630 | 3405737 | 3442829.6 | 46.21 | 49973.5 | 962217 | 104.909 ng/ml |
| Methamphetamine | 3.132 | 3384027 | 99336.3 | 39.15 | 5767.0 | 1338199 | 106.435 ng/ml |
| Metoprolol | 4.273 | 462624 | 11597200.6 | 97.82 | 83281.9 | 414892 | 105.415 ng/ml |
| Mirtazapine | 4.564 | 3405021 | 855584.3 | 48.64 | 138283.3 | 720595 | 104.163 ng/ml |
| Mitragynine | 5.168 | 477403 | 14807.5 | 32.97 | 179595.4 | 1648957 | 87.304 ng/ml |
| Morphine | 1.166 | 77114 | 3109.9 | 21.07 | 1962.2 | 9644 | 95.198 ng/ml |
| Norbuprenorphine | 4.942 | 16832 | ∞ | 93.33 | 453781.8 | 22765 | 10.777 ng/ml |
| Nordiazepam | 5.866 | 479563 | 14063.5 | 62.62 | 6792.3 | 144127 | 100.800 ng/ml |
| Norfentanyl | 4.030 | 36656 | 127511.1 | 270.37 | 2347.5 | 982334 | 9.833 ng/ml |
| Noroxycodone | 2.813 | 584113 | ∞ | 49.71 | ∞ | 187152 | 104.850 ng/ml |
| O-desmethyl-tramadol | 3.304 | 4074109 | 1181511.5 | 6.32 | 41858.1 | 1713532 | 100.995 ng/ml |
| O-Desmethylvenlafaxine | 4.013 | 1113037 | 2305.5 | 236.98 | 2132.4 | 340966 | 100.284 ng/ml |
| Olanzapine | 4.388 | 1171629 | 2380.8 | 44.80 | 3378.7 | 245860 | 96.447 ng/ml |
| Oxazepam | 5.720 | 311418 | 36371.9 | 75.86 | ∞ | 162547 | 98.050 ng/ml |
| Oxycodone | 2.731 | 1535100 | ∞ | 29.92 | 41895.9 | 543939 | 106.661 ng/ml |
| Oxymorphone | 1.319 | 991916 | ∞ | 44.00 | ∞ | 315261 | 104.268 ng/ml |
| Phentermine | 3.714 | 621092 | 24872.6 | 10.93 | 1836.1 | 720595 | 103.420 ng/ml |
| Promethazine | 5.511 | 1686888 | 568735.6 | 40.62 | 13133.7 | 775743 | 92.312 ng/ml |
| Pseudoephedrine | 2.481 | 4817619 | ∞ | 16.96 | ∞ | 1648957 | 98.543 ng/ml |
| Quetiapine | 5.497 | 2529129 | ∞ | 62.70 | 2445606.3 | 348248 | 115.284 ng/ml |
| Sertraline | 5.755 | 135027 | 69998.1 | 97.26 | ∞ | 49396 | 100.523 ng/ml |
| Temazepam | 5.781 | 1123670 | 20381.2 | 34.09 | 1131.9 | 611761 | 86.505 ng/ml |
| Tramadol | 4.187 | 3742058 | ∞ | 3.36 | ∞ | 1457404 | 114.230 ng/ml |
| Trazodone | 5.040 | 1326701 | 124990.0 | 125.97 | 557740.0 | 676032 | 110.278 ng/ml |
| Venlafaxine | 4.986 | 2815236 | 152553.2 | 48.27 | 15813.8 | 1519522 | 89.379 ng/ml |
| Zolpidem | 4.819 | 3960427 | 295812.0 | 27.49 | 827774.1 | 1782802 | 100.246 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

| | | | |
|-------------------------|----------------------|------------------|--|
| Instrument | 69679 | Data File | qc-250 mdq.d |
| Type | QC | Sample | qc-250 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-C6 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 3 | | |
| Acq. Date-Time | 6/28/2023 1:14:58 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|--------|----------|------------|---------------|
| 6-MAM | 3.067 | 78600 | 222213.7 | 135.21 | 451608.1 | 80505 | 25.564 ng/ml |
| 7-aminoclonazepam | 4.185 | 617319 | 52177.8 | 112.33 | 15415.4 | 154883 | 221.579 ng/ml |
| a-hydroxyalprazolam | 5.650 | 108618 | 1018.8 | 64.19 | 1602.2 | 62010 | 307.520 ng/ml |
| alpha-PHP | 4.874 | 1536668 | 22122.4 | 251.65 | 24477.7 | 683592 | 260.337 ng/ml |
| alpha-PVP | 4.311 | 5077534 | 698659.7 | 52.98 | 410246.2 | 683592 | 266.742 ng/ml |
| Alprazolam | 5.734 | 2187944 | ∞ | 89.13 | 8604.0 | 167271 | 278.314 ng/ml |
| Amphetamine | 2.964 | 2100588 | 72963.5 | 271.24 | 163646.4 | 329760 | 206.981 ng/ml |
| Benzoylcegonine | 3.807 | 147908 | 15723.9 | 40.26 | 22540.9 | 19635 | 245.978 ng/ml |
| Buprenorphine | 5.659 | 126928 | 2782.3 | 15.66 | 41767.2 | 70580 | 25.887 ng/ml |
| Bupropion | 4.732 | 4988147 | 616695.9 | 72.13 | 61333.0 | 592410 | 262.276 ng/ml |
| Carisoprodol | 5.690 | 805496 | 1797563.1 | 61.51 | 34056.2 | 105785 | 238.352 ng/ml |
| Chlordiazepoxide | 5.807 | 430742 | 599.9 | 113.25 | 626.7 | 318269 | 260.374 ng/ml |
| Chlorpheniramine | 5.063 | 8175334 | 800130.2 | 0.31 | 5366.2 | 1268029 | 246.134 ng/ml |
| Citalopram | 5.175 | 3400788 | 114215.6 | 42.29 | 107982.7 | 468456 | 253.758 ng/ml |
| Clonazepam | 5.567 | 752692 | 25470.0 | 32.62 | 311438.9 | 50853 | 256.685 ng/ml |
| Clonazolam | 5.518 | 810629 | 96832.0 | 38.46 | 162491.0 | 83809 | 269.219 ng/ml |
| Cocaine | 4.215 | 3206228 | 643917.6 | 49.90 | 62818.9 | 996073 | 249.099 ng/ml |
| Codeine | 2.493 | 333884 | 16513.3 | 88.67 | ∞ | 56613 | 244.400 ng/ml |
| Cyclobenzaprine | 5.595 | 2941409 | 3415730.3 | 9.04 | ∞ | 357330 | 248.535 ng/ml |
| Dextromethorphan | 5.218 | 2287152 | 45473.3 | 67.24 | 98970.1 | 359043 | 270.327 ng/ml |
| Dextrorphan | 4.075 | 3507904 | 319139.6 | 44.86 | 89308.1 | 657309 | 240.086 ng/ml |
| Diazepam | 5.922 | 1611430 | 44796.8 | 85.14 | ∞ | 218857 | 259.385 ng/ml |
| Dihydrocodeine | 2.452 | 1095737 | 4488.0 | 59.46 | 752.7 | 333956 | 236.829 ng/ml |
| Diphenhydramine | 5.250 | 11538822 | 1329410.0 | 33.59 | ∞ | 1667291 | 216.895 ng/ml |
| Doxylamine | 4.481 | 12571463 | 699785.1 | 94.85 | 861260.9 | 1495702 | 254.884 ng/ml |
| Duloxetine | 5.626 | 222338 | 1246.3 | 10.50 | 326.8 | 23616 | 257.481 ng/ml |
| EDDP | 5.213 | 4195956 | 347162.5 | 43.54 | 200960.9 | 790469 | 250.913 ng/ml |
| Etizolam | 5.779 | 225412 | 35832.3 | 413.82 | ∞ | 218857 | 255.239 ng/ml |
| Fentanyl | 5.036 | 283092 | 10275.5 | 135.83 | 129611.2 | 502792 | 25.349 ng/ml |
| Flualprazolam | 5.666 | 534531 | 4883.0 | 84.68 | 30840.8 | 83809 | 262.688 ng/ml |
| Fluorofentanyl | 5.097 | 317310 | 161520.3 | 116.12 | 7707.6 | 5426 | 24.764 ng/ml |
| Fluoxetine | 5.693 | 1595461 | 69489.8 | 6.37 | 71958.6 | 194209 | 262.640 ng/ml |
| Hydrocodone | 2.936 | 1453957 | ∞ | 37.39 | 11391.0 | 318158 | 247.056 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|------------------------|--------|-----------|------------|---------------|
| Hydromorphone | 1.522 | 1162809 | ∞ | 72.08 | 5328.7 | 139855 | 252.730 ng/ml |
| Hydroxyzine | 5.670 | 2924813 | 1283286.6 | 118.28 | 2293.5 | 1259748 | 262.560 ng/ml |
| Ketamine | 3.989 | 3339319 | 366252.5 | 38.62 | 47013.0 | 495021 | 257.760 ng/ml |
| Lamotrigine | 4.233 | 198013 | 10204.2 | 90.66 | 56783.6 | 274292 | 263.300 ng/ml |
| Lorazepam | 5.707 | 175931 | 27882.0 | 48.97 | 724.5 | 62010 | 266.556 ng/ml |
| MDA | 3.111 | 2521703 | 2496166394 804070.0 | 28.54 | ∞ | 274292 | 248.018 ng/ml |
| MDMA | 3.218 | 2866577 | 352541.5 | 108.53 | 581443.5 | 136612 | 243.665 ng/ml |
| Meprobamate | 4.839 | 763937 | 83921.5 | 30.90 | 4468.2 | 92720 | 252.155 ng/ml |
| Methadone | 5.633 | 7253839 | 82701.9 | 45.90 | 74633.7 | 867504 | 247.599 ng/ml |
| Methamphetamine | 3.142 | 6742880 | 326211.1 | 39.10 | ∞ | 1237050 | 234.530 ng/ml |
| Metoprolol | 4.273 | 802203 | 67525.2 | 96.38 | ∞ | 274292 | 275.941 ng/ml |
| Mirtazapine | 4.565 | 7414753 | 249163.9 | 47.93 | 240885.6 | 607176 | 269.183 ng/ml |
| Mitragynine | 5.168 | 1041450 | 105449.9 | 35.83 | 87642.2 | 1259748 | 248.856 ng/ml |
| Morphine | 1.166 | 204302 | 3558.8 | 18.11 | 4468.1 | 8830 | 275.446 ng/ml |
| Norbuprenorphine | 4.947 | 36034 | 81291.9 | 97.34 | 31801.1 | 20208 | 26.284 ng/ml |
| Nordiazepam | 5.866 | 706346 | 25946.9 | 62.79 | 3547.6 | 83809 | 255.398 ng/ml |
| Norfentanyl | 4.035 | 63833 | 8592.5 | 271.91 | 8456.1 | 655722 | 25.601 ng/ml |
| Noroxycodone | 2.824 | 937208 | ∞ | 49.50 | 2529.8 | 119365 | 263.102 ng/ml |
| O-desmethyl-tramadol | 3.309 | 8926351 | 290252.1 | 6.11 | 23094.9 | 1513870 | 250.727 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 2169454 | 1225.1 | 235.78 | 1987.8 | 265220 | 251.878 ng/ml |
| Olanzapine | 4.378 | 2940262 | 16124.9 | 45.68 | 1543.6 | 229204 | 258.321 ng/ml |
| Oxazepam | 5.715 | 306592 | ∞ | 72.60 | ∞ | 62010 | 252.590 ng/ml |
| Oxycodone | 2.731 | 3006247 | 52111.7 | 29.94 | ∞ | 440989 | 259.508 ng/ml |
| Oxymorphone | 1.324 | 1961198 | ∞ | 45.12 | ∞ | 246955 | 263.524 ng/ml |
| Phentermine | 3.719 | 1174930 | ∞ | 11.07 | 11924.7 | 607176 | 233.405 ng/ml |
| Promethazine | 5.511 | 4436593 | 67705.3 | 38.37 | 178824.4 | 795260 | 235.994 ng/ml |
| Pseudoephedrine | 2.491 | 9380539 | ∞ | 16.73 | ∞ | 1259748 | 250.856 ng/ml |
| Quetiapine | 5.492 | 5002809 | 159445.4 | 62.03 | 1202359.4 | 313380 | 254.485 ng/ml |
| Sertraline | 5.755 | 381438 | 192905.2 | 96.38 | 93283.5 | 56039 | 250.440 ng/ml |
| Temazepam | 5.781 | 1574410 | 23845.6 | 31.04 | 7987.5 | 288566 | 256.168 ng/ml |
| Tramadol | 4.192 | 7588285 | ∞ | 3.27 | 444695.1 | 1212775 | 279.406 ng/ml |
| Trazodone | 5.030 | 2711842 | 220124.2 | 124.42 | 369588.2 | 576336 | 265.142 ng/ml |
| Venlafaxine | 4.991 | 6348692 | 218103.5 | 44.05 | 50005.9 | 1273064 | 238.168 ng/ml |
| Zolpidem | 4.811 | 8649154 | 558241.3 | 27.54 | 138349.1 | 1568716 | 249.512 ng/ml |

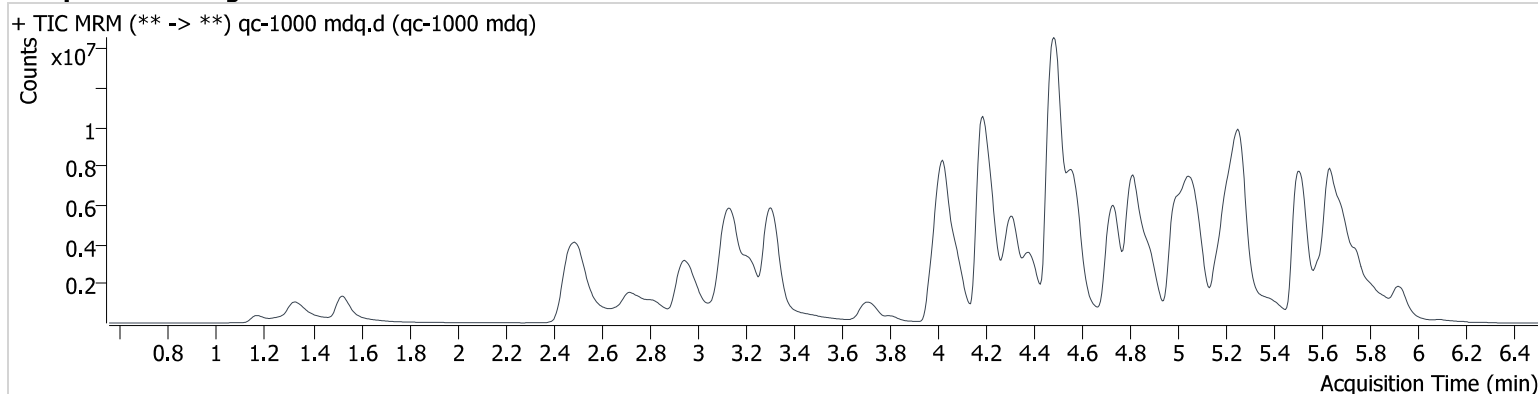
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type QC
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-D6
Injection Volume 3
Acq. Date-Time 6/28/2023 1:23:40 PM
Sample Info.

Data File qc-1000 mdq.d
Sample qc-1000 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|------------------------|--------|-------------|------------|----------------|
| 6-MAM | 3.067 | 229790 | ∞ | 136.98 | ∞ | 59913 | 100.575 ng/ml |
| 7-aminoclonazepam | 4.175 | 600554 | 38803.3 | 113.88 | 101257.6 | 69669 | 480.377 ng/ml |
| a-hydroxyalprazolam | 5.655 | 86122 | 456.4 | 77.15 | 47.0 | 18648 | 808.324 ng/ml |
| alpha-PHP | 4.879 | 3732997 | 137563.8 | 256.84 | 2469.5 | 419959 | 1028.969 ng/ml |
| alpha-PVP | 4.311 | 12758710 | 667471.9 | 52.23 | 197224.0 | 419959 | 1090.387 ng/ml |
| Alprazolam | 5.734 | 3277032 | ∞ | 91.62 | 3385.0 | 67339 | 1035.060 ng/ml |
| Amphetamine | 2.964 | 3572964 | 188405.9 | 256.29 | 31366.5 | 228273 | 510.712 ng/ml |
| Benzoylcegonine | 3.807 | 571057 | 165913.7 | 40.30 | 29404.0 | 18961 | 983.997 ng/ml |
| Buprenorphine | 5.659 | 154388 | 43670.6 | 16.02 | 94160.6 | 20191 | 110.137 ng/ml |
| Bupropion | 4.730 | 13988491 | 1105699.5 | 67.46 | 740310.9 | 441100 | 989.456 ng/ml |
| Carisoprodol | 5.695 | 951378 | 3753982.7 | 60.85 | 19223.3 | 29353 | 1014.611 ng/ml |
| Chlordiazepoxide | 5.813 | 689021 | 12147.1 | 99.91 | 10896.5 | 133788 | 991.401 ng/ml |
| Chlorpheniramine | 5.063 | 20895785 | ∞ | 0.32 | 5111.3 | 797995 | 1000.390 ng/ml |
| Citalopram | 5.170 | 5187923 | 133061.9 | 43.28 | 110710.4 | 184572 | 982.802 ng/ml |
| Clonazepam | 5.562 | 996391 | 67801.8 | 31.57 | 1484656.7 | 16989 | 1017.666 ng/ml |
| Clonazolam | 5.529 | 958721 | ∞ | 37.45 | 31732.7 | 29594 | 903.492 ng/ml |
| Cocaine | 4.219 | 6709902 | 267089.5 | 48.92 | 727887.1 | 517959 | 1002.555 ng/ml |
| Codeine | 2.493 | 622349 | 1012818.0 | 93.37 | ∞ | 29406 | 880.412 ng/ml |
| Cyclobenzaprine | 5.590 | 5894771 | ∞ | 9.05 | 19694.9 | 179231 | 993.518 ng/ml |
| Dextromethorphan | 5.218 | 3966975 | 9270557821 564480.0 | 61.63 | ∞ | 144218 | 1167.067 ng/ml |
| Dextrorphan | 4.074 | 8617781 | 309556.9 | 44.26 | 345427.1 | 385569 | 1003.063 ng/ml |
| Diazepam | 5.922 | 3307144 | ∞ | 85.19 | ∞ | 116134 | 1002.466 ng/ml |
| Dihydrocodeine | 2.442 | 2637436 | 14813.1 | 61.31 | 12811.7 | 263084 | 726.591 ng/ml |
| Diphenhydramine | 5.260 | 21290144 | 17600928.9 | 29.03 | 341608.7 | 797874 | 833.992 ng/ml |
| Doxylamine | 4.481 | 33534645 | ∞ | 96.72 | 273257063.6 | 1158970 | 878.392 ng/ml |
| Duloxetine | 5.626 | 232017 | 641.2 | 12.06 | 187.9 | 6662 | 952.246 ng/ml |
| EDDP | 5.212 | 12652790 | 269599.1 | 41.99 | 1079262.8 | 525332 | 1139.354 ng/ml |
| Etizolam | 5.779 | 474661 | 45531.0 | 397.10 | ∞ | 116134 | 1013.042 ng/ml |
| Fentanyl | 5.031 | 517161 | 110317.3 | 144.73 | ∞ | 231151 | 100.778 ng/ml |
| Flualprazolam | 5.676 | 645251 | 9080.8 | 96.46 | 2708.8 | 29594 | 899.399 ng/ml |
| Fluorofentanyl | 5.097 | 785021 | 162755.0 | 111.62 | 31542.8 | 2861 | 115.824 ng/ml |
| Fluoxetine | 5.698 | 2373892 | 79966.0 | 7.03 | 145343.6 | 76721 | 989.045 ng/ml |

AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|-----------|--------|-----------|------------|----------------|
| Hydrocodone | 2.936 | 4131400 | ∞ | 37.91 | 63749.5 | 238107 | 939.885 ng/ml |
| Hydromorphone | 1.522 | 3395961 | ∞ | 72.45 | 3922.0 | 99905 | 1033.158 ng/ml |
| Hydroxyzine | 5.675 | 5221081 | 792979.2 | 121.22 | 149108.5 | 629342 | 937.349 ng/ml |
| Ketamine | 3.979 | 6977871 | 571417.5 | 37.62 | 83106.4 | 317515 | 841.729 ng/ml |
| Lamotrigine | 4.239 | 215581 | 12646.3 | 92.93 | 10789.3 | 127277 | 618.262 ng/ml |
| Lorazepam | 5.707 | 245079 | ∞ | 50.13 | 258993.5 | 18648 | 1233.522 ng/ml |
| MDA | 3.090 | 3257317 | ∞ | 29.00 | ∞ | 127277 | 692.361 ng/ml |
| MDMA | 3.218 | 6181266 | ∞ | 105.43 | ∞ | 72123 | 994.704 ng/ml |
| Meprobamate | 4.839 | 888235 | 66380.3 | 30.37 | 22520.7 | 29538 | 923.426 ng/ml |
| Methadone | 5.630 | 17169589 | 823007.5 | 44.51 | 362154.1 | 487384 | 1042.568 ng/ml |
| Methamphetamine | 3.137 | 14359264 | 1964648.4 | 37.63 | 352098.5 | 1009891 | 618.897 ng/ml |
| Metoprolol | 4.268 | 1228893 | 197141.2 | 98.32 | ∞ | 127277 | 910.198 ng/ml |
| Mirtazapine | 4.564 | 18967445 | 682487.2 | 46.95 | 2254116.9 | 454069 | 920.755 ng/ml |
| Mitragynine | 5.163 | 2343252 | 67614.2 | 35.98 | 76061.0 | 629342 | 1119.963 ng/ml |
| Morphine | 1.166 | 520719 | 70515.2 | 20.56 | 5408.5 | 7073 | 876.462 ng/ml |
| Norbuprenorphine | 4.942 | 92201 | 95304.9 | 98.92 | 809750.4 | 13950 | 97.990 ng/ml |
| Nordiazepam | 5.866 | 990703 | 61125.2 | 62.91 | 18912.8 | 29594 | 1014.590 ng/ml |
| Norfentanyl | 4.035 | 83889 | 15450.8 | 278.98 | 201905.3 | 200254 | 110.061 ng/ml |
| Noroxycodone | 2.824 | 1726327 | 33374.8 | 48.07 | ∞ | 53215 | 1085.675 ng/ml |
| O-desmethyl-tramadol | 3.304 | 24013498 | 1633810.2 | 5.82 | 108868.8 | 1013662 | 1007.883 ng/ml |
| O-Desmethylvenlafaxine | 4.018 | 4127112 | 2051.0 | 242.28 | 34834.9 | 135204 | 941.006 ng/ml |
| Olanzapine | 4.378 | 8369030 | 44849.8 | 46.69 | 20150.0 | 155062 | 1084.363 ng/ml |
| Oxazepam | 5.715 | 365245 | ∞ | 75.55 | ∞ | 18648 | 999.756 ng/ml |
| Oxycodone | 2.711 | 6230422 | ∞ | 29.56 | 78039.0 | 288909 | 823.789 ng/ml |
| Oxymorphone | 1.324 | 5098018 | ∞ | 44.28 | ∞ | 164347 | 1029.991 ng/ml |
| Phentermine | 3.709 | 2695438 | ∞ | 10.41 | 46294.7 | 454069 | 718.036 ng/ml |
| Promethazine | 5.516 | 11159594 | 7312688.0 | 34.79 | 54639.3 | 464451 | 1014.651 ng/ml |
| Pseudoephedrine | 2.496 | 19616217 | ∞ | 16.31 | ∞ | 629342 | 1049.429 ng/ml |
| Quetiapine | 5.486 | 10324915 | 4154593.0 | 61.14 | 453785.3 | 204388 | 807.219 ng/ml |
| Sertraline | 5.750 | 498995 | 92391.4 | 97.83 | 68953.3 | 17932 | 1024.125 ng/ml |
| Temazepam | 5.781 | 1746263 | 62170.6 | 32.63 | 33255.4 | 74734 | 1095.780 ng/ml |
| Tramadol | 4.182 | 17393923 | ∞ | 3.15 | ∞ | 785272 | 990.966 ng/ml |
| Trazodone | 5.025 | 4195512 | ∞ | 126.30 | ∞ | 250853 | 943.789 ng/ml |
| Venlafaxine | 4.991 | 16001317 | 922988.8 | 39.98 | 79221.3 | 748618 | 1016.120 ng/ml |
| Zolpidem | 4.810 | 22317834 | 1278229.8 | 27.84 | 503102.6 | 1116132 | 906.150 ng/ml |

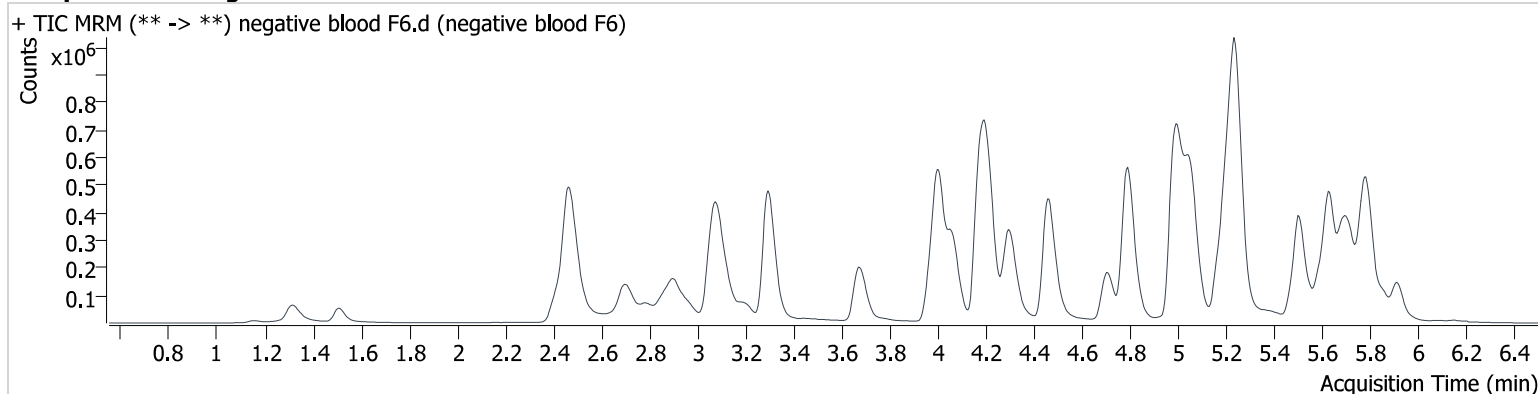
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Sample
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-F6
Injection Volume 3
Acq. Date-Time 6/28/2023 1:41:05 PM
Sample Info.

Data File negative blood F6.d
Sample negative blood F6
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



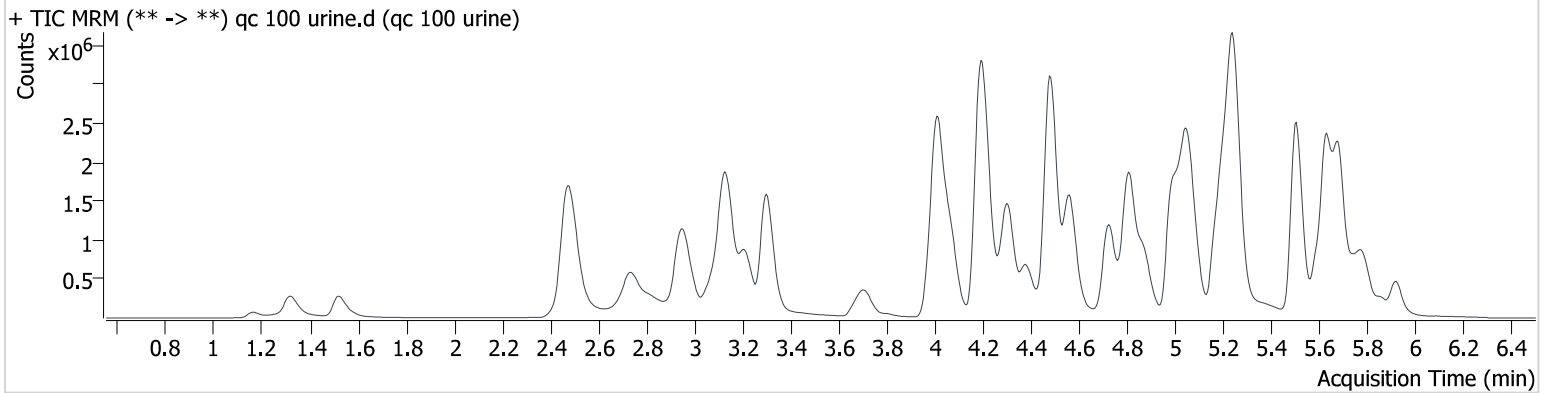
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Sample
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-E6
Injection Volume 3
Acq. Date-Time 6/28/2023 1:32:22 PM
Sample Info.

Data File qc 100 urine.d
Sample qc 100 urine
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|--------|----------|------------|---------------|
| 6-MAM | 3.067 | 34660 | 14950.8 | 133.67 | 11235.1 | 83537 | 10.833 ng/ml |
| 7-aminoclonazepam | 4.191 | 441899 | 11845.6 | 106.04 | 14503.9 | 231419 | 105.641 ng/ml |
| a-hydroxyalprazolam | 5.655 | 59114 | 1697.2 | 71.35 | 1418.2 | 46363 | 224.255 ng/ml |
| alpha-PHP | 4.874 | 674564 | 27942.8 | 254.01 | 19403.6 | 798713 | 97.911 ng/ml |
| alpha-PVP | 4.306 | 2281716 | 29130.4 | 53.50 | 62358.3 | 798713 | 102.718 ng/ml |
| Alprazolam | 5.734 | 577090 | ∞ | 95.11 | 1976.9 | 127734 | 96.225 ng/ml |
| Amphetamine | 2.954 | 1168392 | 15738.5 | 268.51 | 374585.3 | 362625 | 103.971 ng/ml |
| Benzoylcegonine | 3.802 | 64728 | 8281.6 | 42.70 | 3372.6 | 21380 | 98.750 ng/ml |
| Buprenorphine | 5.664 | 61962 | 3789.0 | 16.33 | 5938.7 | 100214 | 8.887 ng/ml |
| Bupropion | 4.730 | 2163216 | 112255.9 | 73.18 | 18517.9 | 634538 | 105.837 ng/ml |
| Carisoprodol | 5.684 | 358935 | ∞ | 57.10 | 1909.5 | 115917 | 96.920 ng/ml |
| Chlordiazepoxide | 5.802 | 157785 | 1140.3 | 112.30 | 1639.9 | 316125 | 95.892 ng/ml |
| Chlorpheniramine | 5.058 | 3661689 | 58183.0 | 0.31 | 3073.1 | 1437587 | 97.095 ng/ml |
| Citalopram | 5.175 | 1753593 | 189748.7 | 41.47 | 21880.2 | 604647 | 101.315 ng/ml |
| Clonazepam | 5.567 | 147373 | 6583.0 | 31.17 | 1884.3 | 26729 | 95.502 ng/ml |
| Clonazolam | 5.508 | 238558 | 21006.1 | 38.21 | ∞ | 55091 | 120.105 ng/ml |
| Cocaine | 4.210 | 1561622 | 60618.9 | 49.56 | 77667.7 | 1201452 | 100.577 ng/ml |
| Codeine | 2.488 | 173752 | 12446.6 | 92.25 | 5553.9 | 68075 | 105.029 ng/ml |
| Cyclobenzaprine | 5.595 | 1678683 | 148134.8 | 8.30 | ∞ | 506557 | 99.955 ng/ml |
| Dextromethorphan | 5.213 | 1157062 | 33463.7 | 73.59 | 18927.9 | 494601 | 99.318 ng/ml |
| Dextrorphan | 4.070 | 1615678 | 94797.7 | 45.06 | ∞ | 767278 | 95.193 ng/ml |
| Diazepam | 5.922 | 572778 | 5920.3 | 84.01 | 40345.6 | 193061 | 104.670 ng/ml |
| Dihydrocodeine | 2.447 | 529326 | 1486.0 | 61.70 | 3425.4 | 353263 | 107.367 ng/ml |
| Diphenhydramine | 5.245 | 6179547 | 570712.7 | 30.88 | 259110.3 | 1957581 | 99.364 ng/ml |
| Doxylamine | 4.481 | 5402455 | ∞ | 95.24 | 111241.3 | 1624659 | 100.607 ng/ml |
| Duloxetine | 5.626 | 244798 | 884.1 | 10.51 | 5220.4 | 69966 | 95.738 ng/ml |
| EDDP | 5.208 | 2114668 | ∞ | 44.32 | 22341.7 | 982756 | 101.567 ng/ml |
| Etizolam | 5.779 | 74527 | 13741.0 | 406.31 | ∞ | 193061 | 95.630 ng/ml |
| Fentanyl | 5.036 | 158949 | 7403.3 | 134.89 | 6925.4 | 716622 | 9.976 ng/ml |
| Flualprazolam | 5.666 | 280211 | 3630.2 | 93.86 | 12024.9 | 55091 | 209.373 ng/ml |
| Fluorofentanyl | 5.092 | 174087 | 325.5 | 116.90 | 1198.6 | 7551 | 9.826 ng/ml |
| Fluoxetine | 5.687 | 1332599 | 69684.3 | 6.36 | 14001.4 | 426421 | 99.948 ng/ml |
| Hydrocodone | 2.936 | 643953 | 88433.2 | 38.30 | ∞ | 345340 | 100.413 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|----------|--------|---------|------------|---------------|
| Hydromorphone | 1.522 | 545704 | ∞ | 72.28 | 6912.3 | 153202 | 108.288 ng/ml |
| Hydroxyzine | 5.670 | 1415936 | 1221.4 | 120.01 | 5879.3 | 1606903 | 99.849 ng/ml |
| Ketamine | 3.989 | 1622196 | 72666.9 | 39.00 | 7928.9 | 576201 | 107.059 ng/ml |
| Lamotrigine | 4.228 | 110922 | ∞ | 94.60 | 7193.7 | 369929 | 109.151 ng/ml |
| Lorazepam | 5.702 | 53234 | ∞ | 44.96 | 258.9 | 46363 | 108.071 ng/ml |
| MDA | 3.111 | 1446427 | 23162.6 | 29.64 | ∞ | 369929 | 104.856 ng/ml |
| MDMA | 3.213 | 1347154 | 94332.2 | 102.02 | 24687.9 | 153165 | 102.233 ng/ml |
| Meprobamate | 4.839 | 355081 | 18477.8 | 32.28 | 1588.7 | 103672 | 104.133 ng/ml |
| Methadone | 5.630 | 3509170 | 92618.9 | 45.99 | 30188.6 | 997086 | 104.316 ng/ml |
| Methamphetamine | 3.137 | 3085987 | 26921.6 | 39.19 | 10901.6 | 1237339 | 104.912 ng/ml |
| Metoprolol | 4.273 | 440904 | 28954.4 | 97.90 | 51732.2 | 369929 | 112.653 ng/ml |
| Mirtazapine | 4.559 | 3397947 | 27610.0 | 48.50 | 66357.5 | 657647 | 113.895 ng/ml |
| Mitragynine | 5.168 | 691282 | 57012.8 | 33.48 | 21472.9 | 1606903 | 129.610 ng/ml |
| Morphine | 1.166 | 86140 | 5685.7 | 21.72 | 798.7 | 10692 | 95.918 ng/ml |
| Norbuprenorphine | 4.942 | 14550 | ∞ | 100.27 | 1850.0 | 20835 | 10.167 ng/ml |
| Nordiazepam | 5.861 | 190135 | 4793.6 | 61.24 | 2011.7 | 55091 | 104.556 ng/ml |
| Norfentanyl | 4.030 | 34164 | 3504.2 | 274.81 | 2595.1 | 923179 | 9.752 ng/ml |
| Noroxycodone | 2.813 | 451814 | 3978.9 | 49.75 | 2489.3 | 159372 | 95.279 ng/ml |
| O-desmethyl-tramadol | 3.304 | 3824065 | 65846.2 | 6.26 | 9491.5 | 1664603 | 97.577 ng/ml |
| O-Desmethylvenlafaxine | 4.013 | 1056307 | 3338.1 | 237.89 | 9344.8 | 324926 | 99.870 ng/ml |
| Olanzapine | 4.378 | 1439053 | 1215.2 | 46.26 | 3331.8 | 318857 | 91.382 ng/ml |
| Oxazepam | 5.710 | 75018 | 2865.3 | 71.01 | 363.0 | 46363 | 82.853 ng/ml |
| Oxycodone | 2.731 | 1451270 | ∞ | 29.82 | ∞ | 514721 | 106.560 ng/ml |
| Oxymorphone | 1.319 | 801538 | ∞ | 44.61 | ∞ | 259442 | 102.379 ng/ml |
| Phentermine | 3.714 | 589601 | 8558.6 | 10.98 | 2571.7 | 657647 | 107.613 ng/ml |
| Promethazine | 5.511 | 2444362 | 60638.7 | 38.90 | 16470.9 | 1099628 | 94.353 ng/ml |
| Pseudoephedrine | 2.481 | 4730454 | ∞ | 16.80 | ∞ | 1606903 | 99.291 ng/ml |
| Quetiapine | 5.492 | 2362621 | 28166.8 | 62.81 | 38006.2 | 337640 | 111.045 ng/ml |
| Sertraline | 5.755 | 298424 | 44568.5 | 105.49 | 15231.8 | 117584 | 93.324 ng/ml |
| Temazepam | 5.781 | 553971 | 3619.0 | 34.57 | 3806.2 | 275625 | 94.619 ng/ml |
| Tramadol | 4.187 | 3661206 | ∞ | 3.37 | ∞ | 1441002 | 113.026 ng/ml |
| Trazodone | 5.030 | 1435684 | 21760.8 | 127.05 | 25133.0 | 755424 | 106.778 ng/ml |
| Venlafaxine | 4.986 | 2786980 | 275311.9 | 45.68 | 16904.7 | 1438323 | 93.412 ng/ml |
| Zolpidem | 4.810 | 3939870 | 161230.4 | 27.82 | 18479.9 | 1746743 | 101.792 ng/ml |

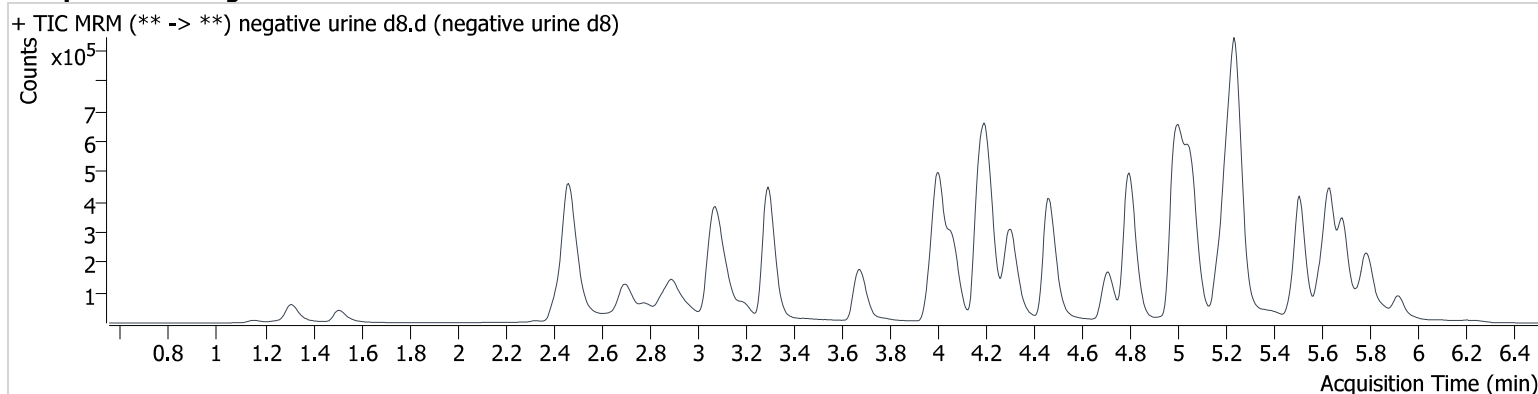
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Sample
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-D8
Injection Volume 3
Acq. Date-Time 6/28/2023 6:56:09 PM
Sample Info.

Data File negative urine d8.d
Sample negative urine d8
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram

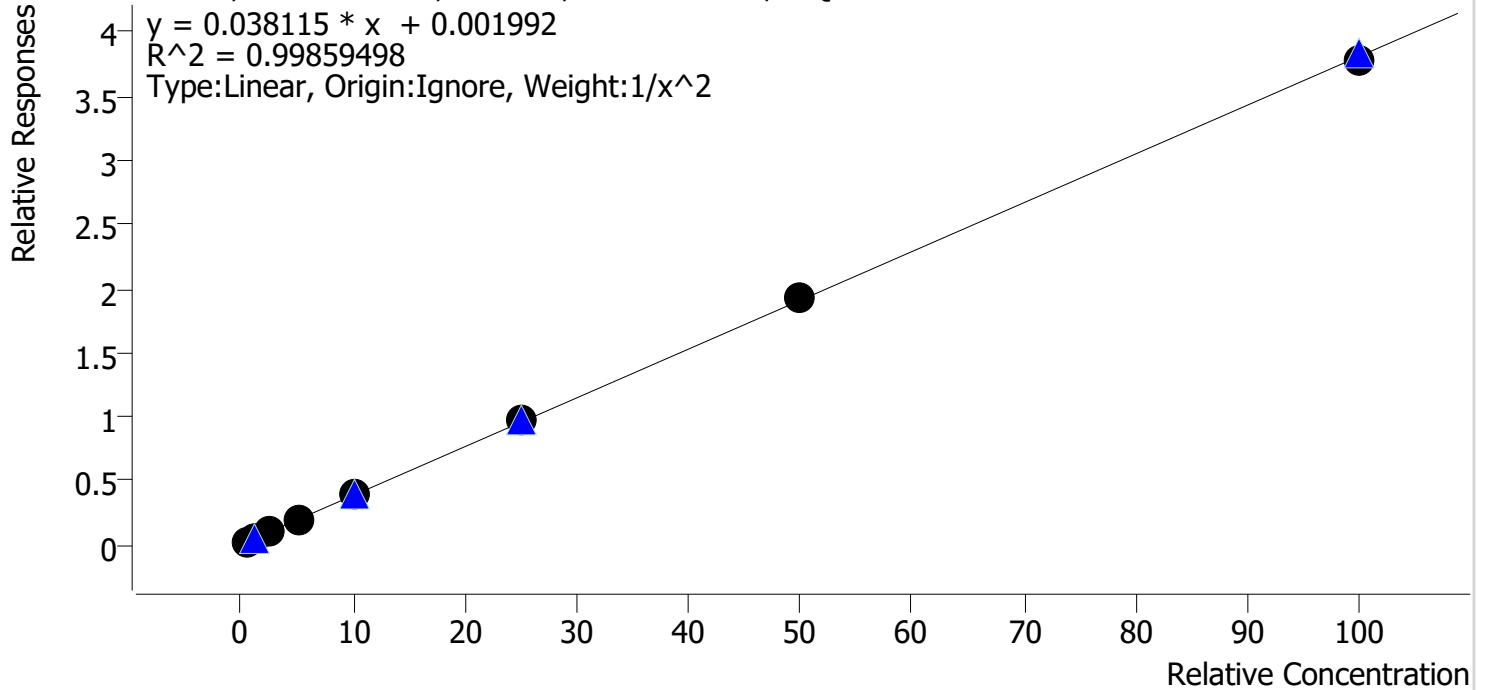


Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 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



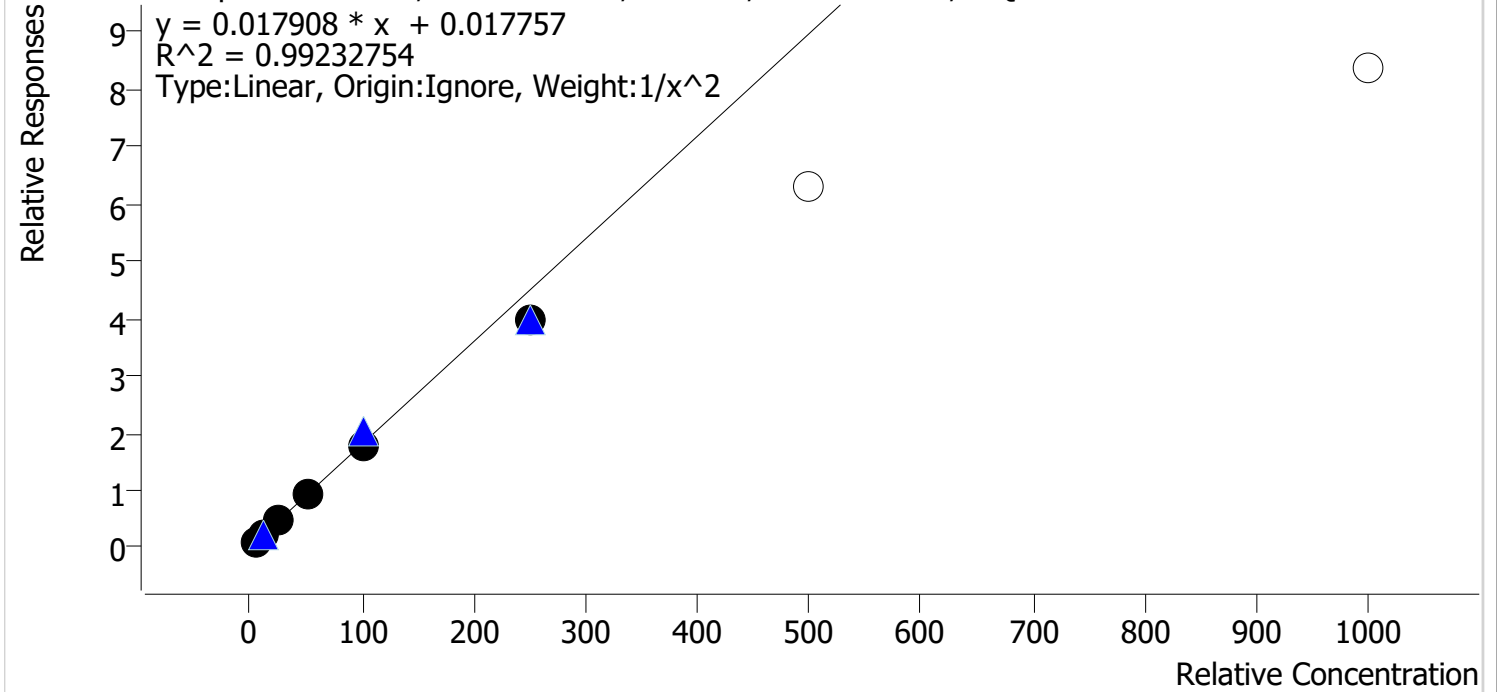
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 102.6 |
| cal 2 mdq | 2 | ✓ | 1.0 | 0.9 | 93.8 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.6 | 103.5 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.8 | 96.9 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.1 | 101.2 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.4 | 101.5 |
| cal 7 mdq | 7 | ✓ | 50.0 | 50.8 | 101.6 |
| cal 8 mdq | 8 | ✓ | 100.0 | 98.8 | 98.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



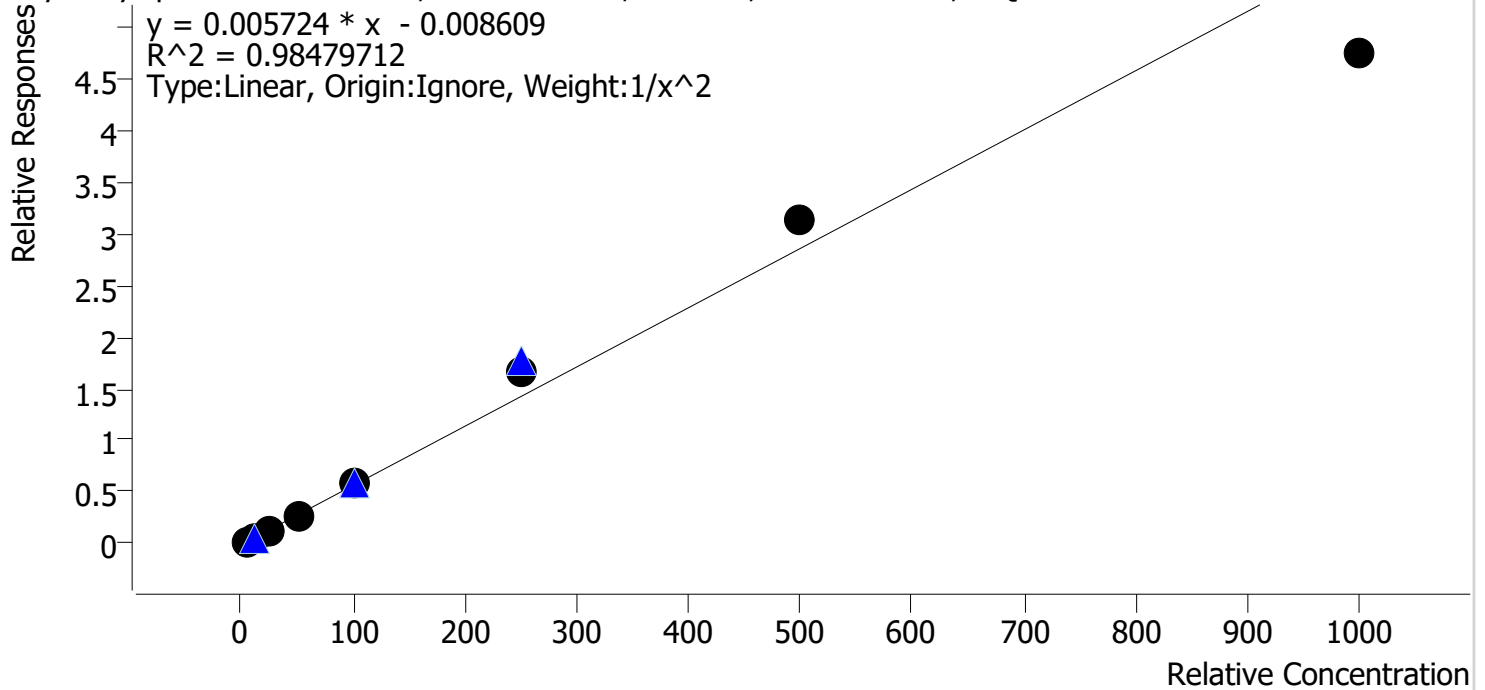
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 104.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.8 | 107.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.8 | 105.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.6 | 98.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 220.5 | 88.2 |
| cal 7 mdq | 7 | ✗ | 500.0 | 351.0 | 70.2 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 467.7 | 46.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Oxazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



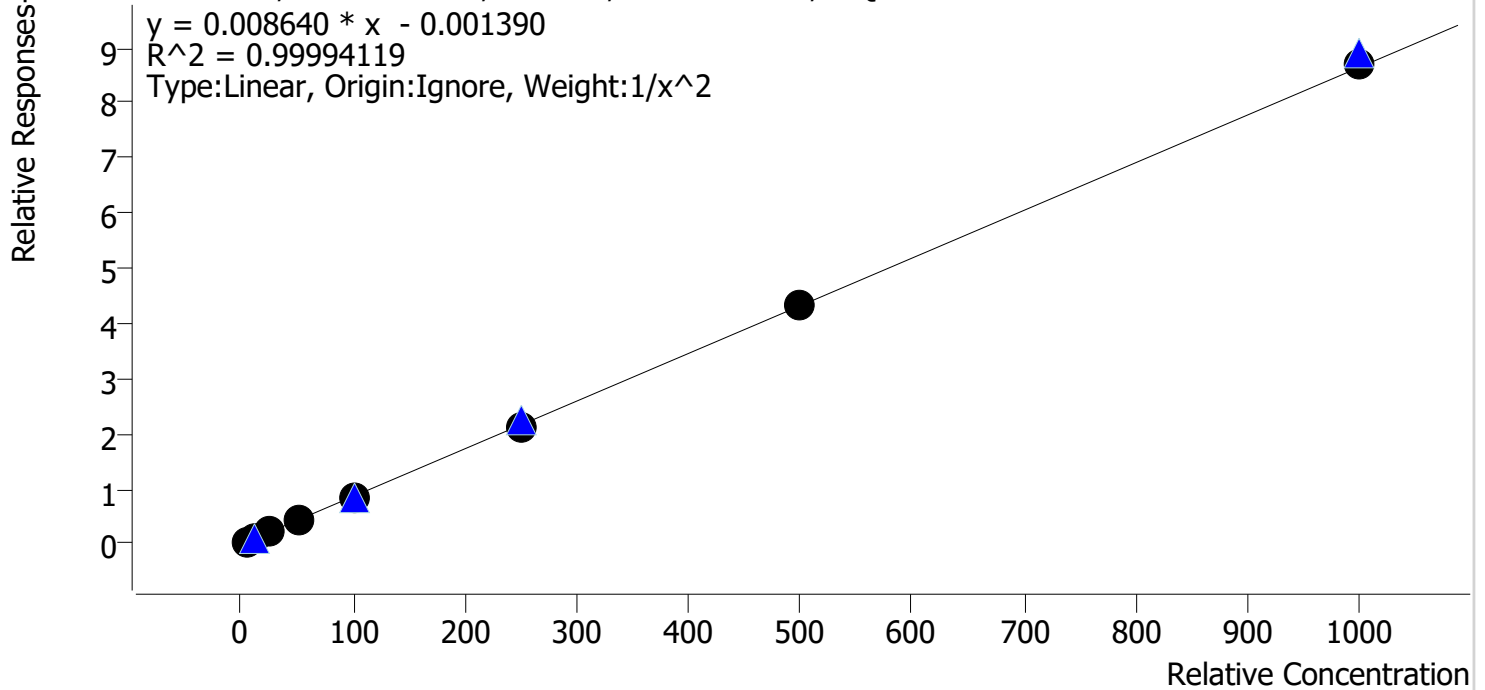
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 101.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.7 | 94.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 44.8 | 89.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.9 | 104.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 291.4 | 116.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 546.1 | 109.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 828.9 | 82.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

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

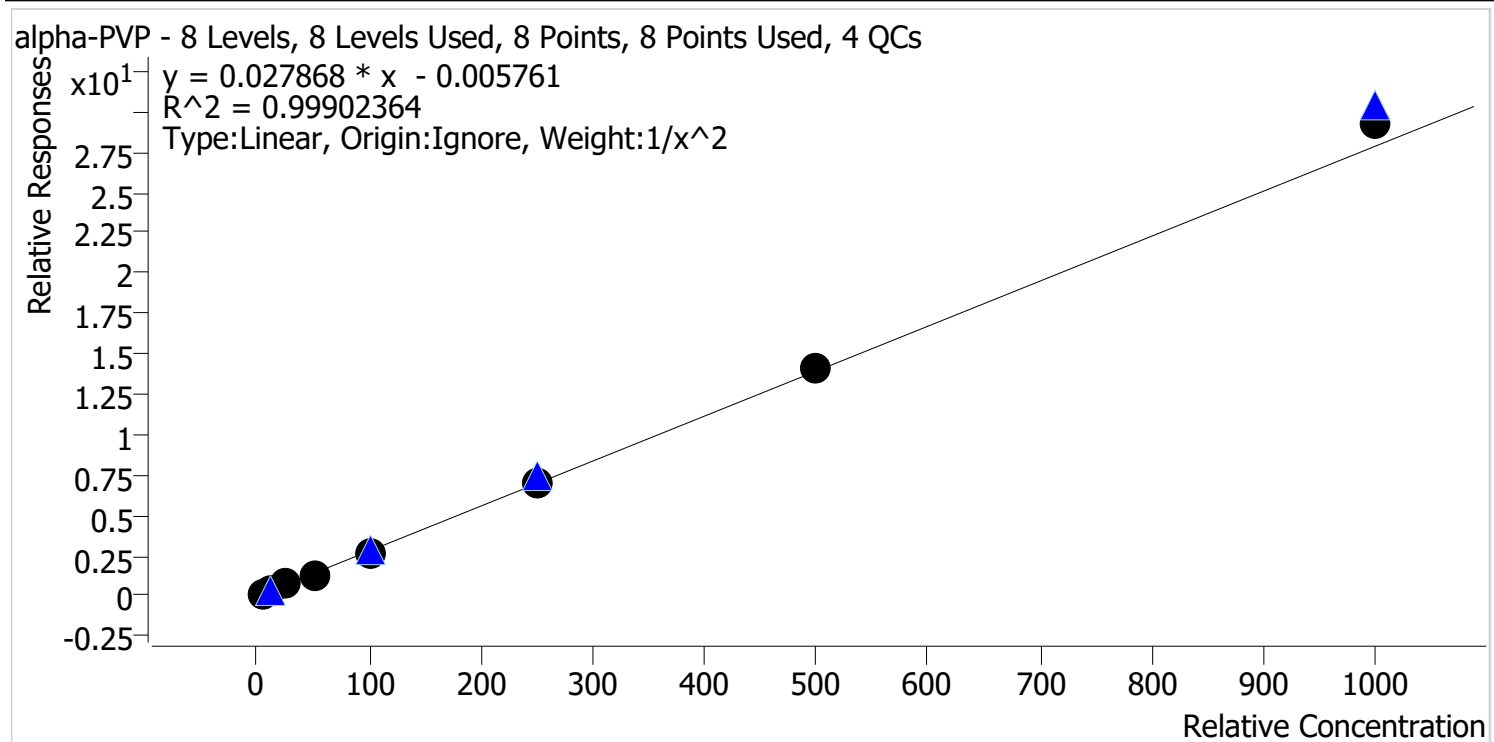


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.7 | 98.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.9 | 99.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.4 | 100.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.6 | 99.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.8 | 100.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1007.0 | 100.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

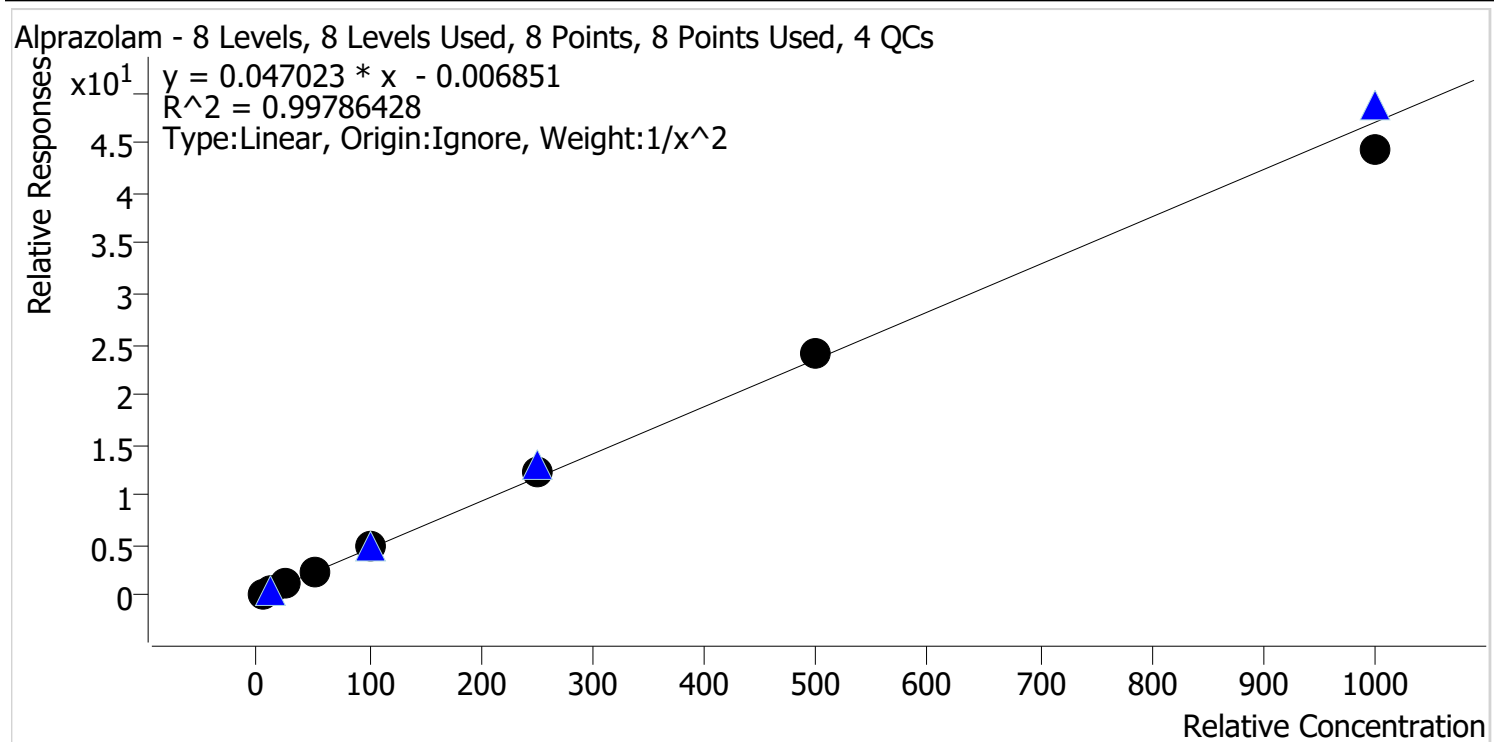


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.5 | 96.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.5 | 98.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.4 | 100.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 508.9 | 101.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1050.3 | 105.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



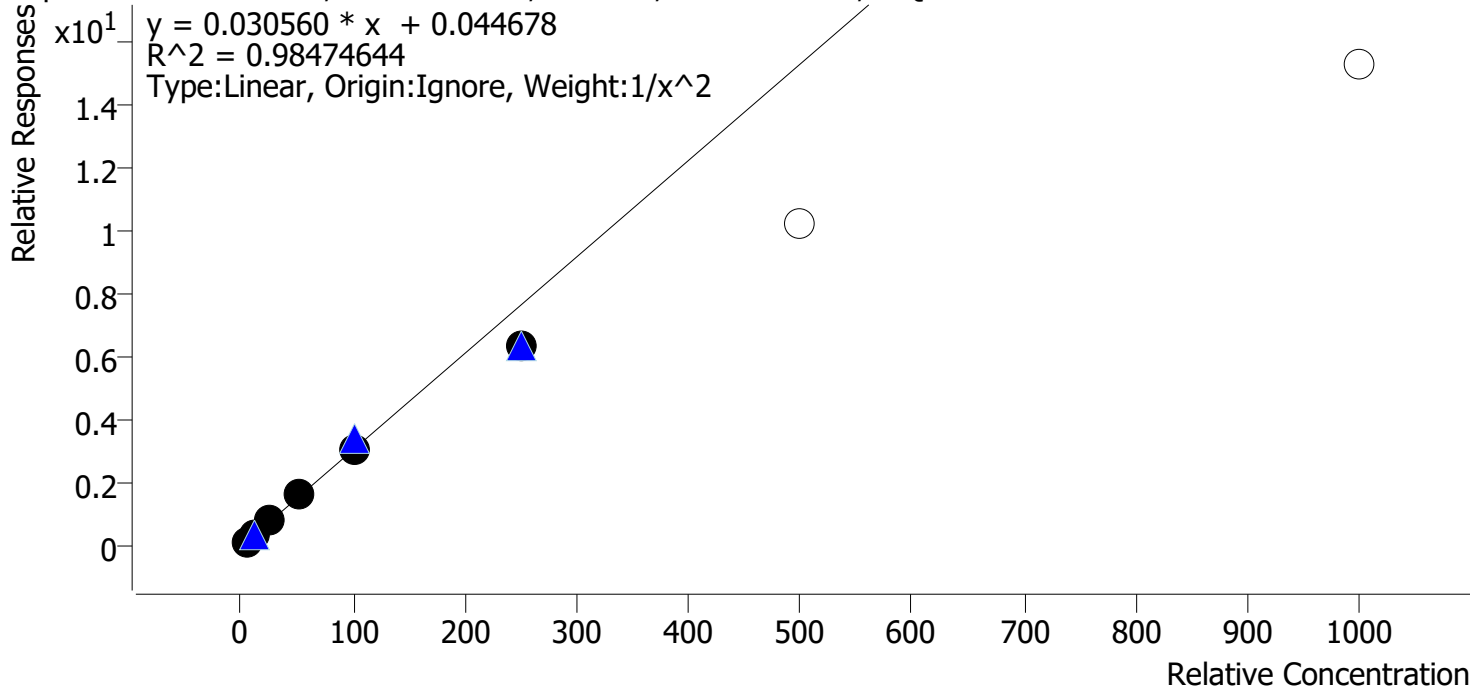
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.5 | 94.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.0 | 100.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.9 | 104.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 258.2 | 103.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 510.9 | 102.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 938.7 | 93.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



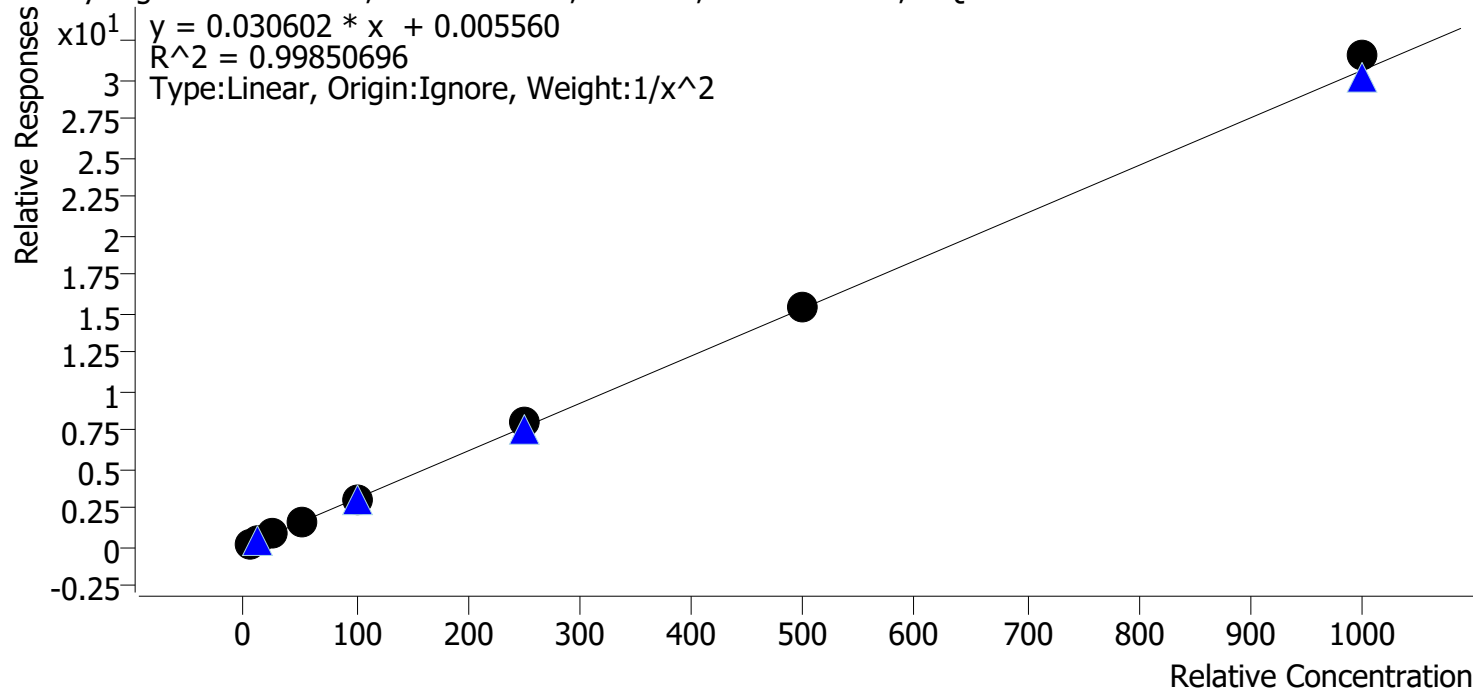
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 107.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.2 | 108.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.5 | 107.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.3 | 99.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 207.5 | 83.0 |
| cal 7 mdq | 7 | ✗ | 500.0 | 333.2 | 66.6 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 500.9 | 50.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



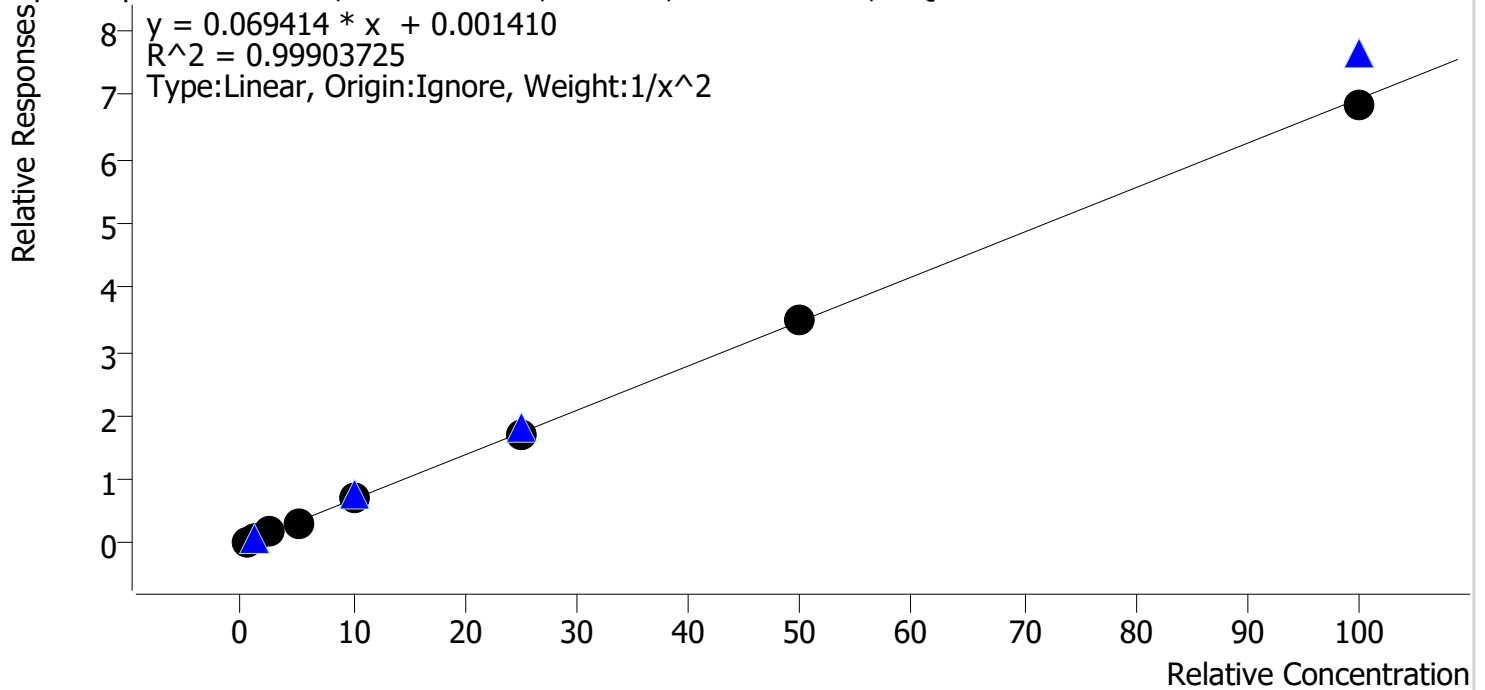
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.4 | 93.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.9 | 99.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.9 | 97.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.4 | 103.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 505.7 | 101.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1031.0 | 103.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



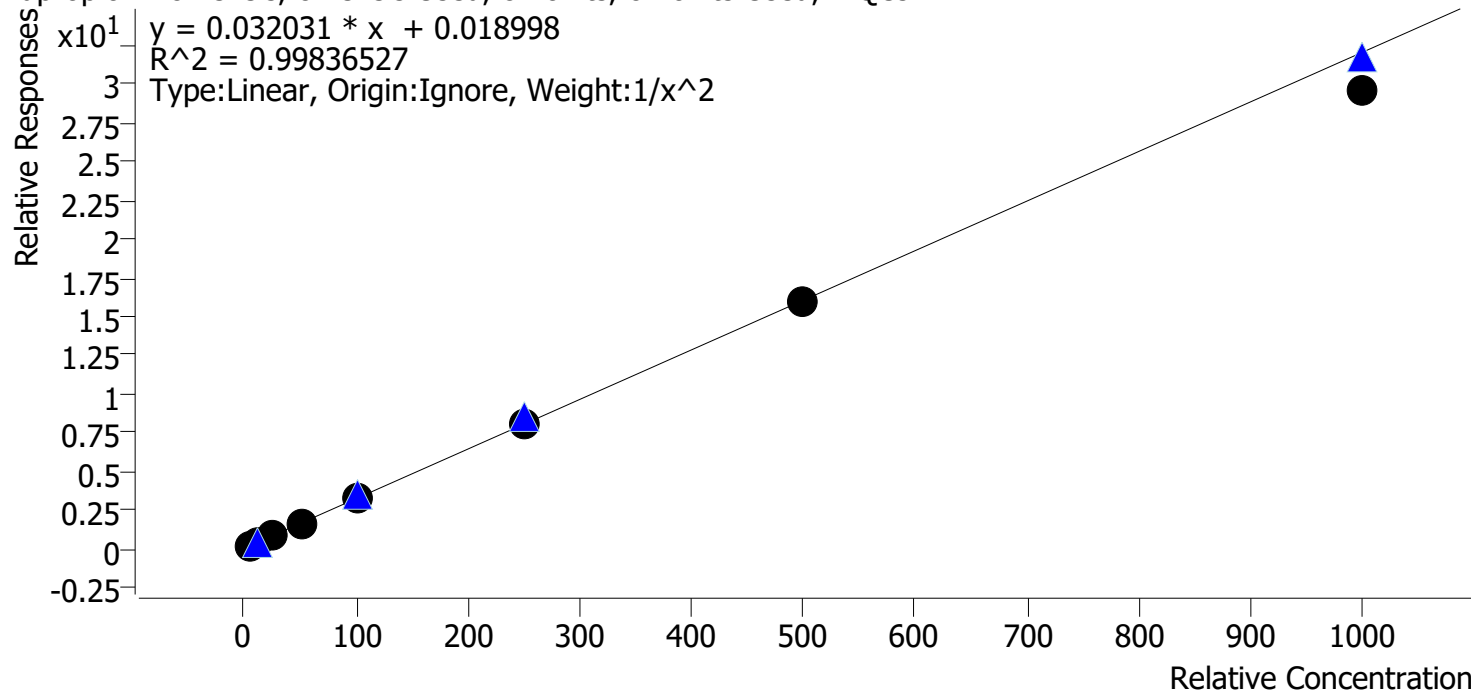
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 99.2 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 99.8 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.6 | 105.5 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.9 | 97.3 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.2 | 102.3 |
| cal 6 mdq | 6 | ✓ | 25.0 | 24.5 | 97.9 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.9 | 99.9 |
| cal 8 mdq | 8 | ✓ | 100.0 | 98.2 | 98.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



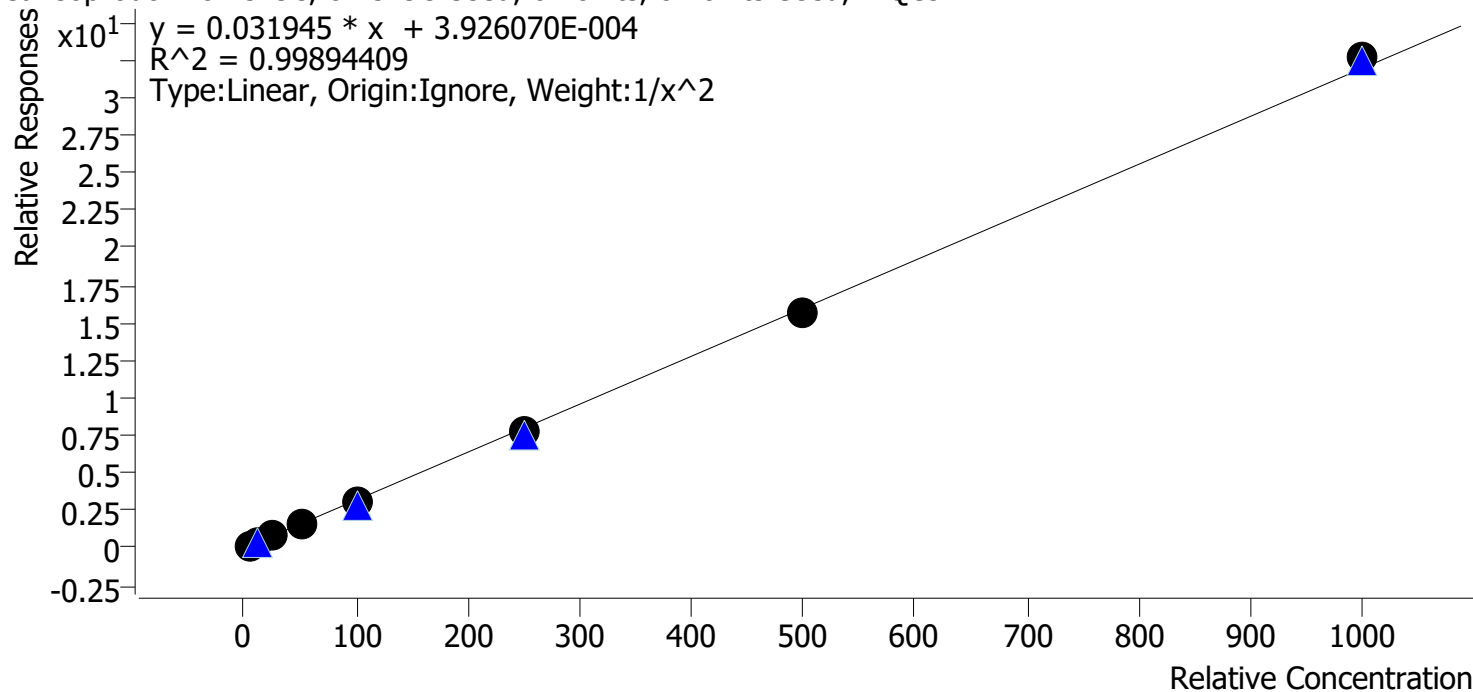
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.9 | 103.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.2 | 102.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.0 | 100.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 499.0 | 99.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 925.6 | 92.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



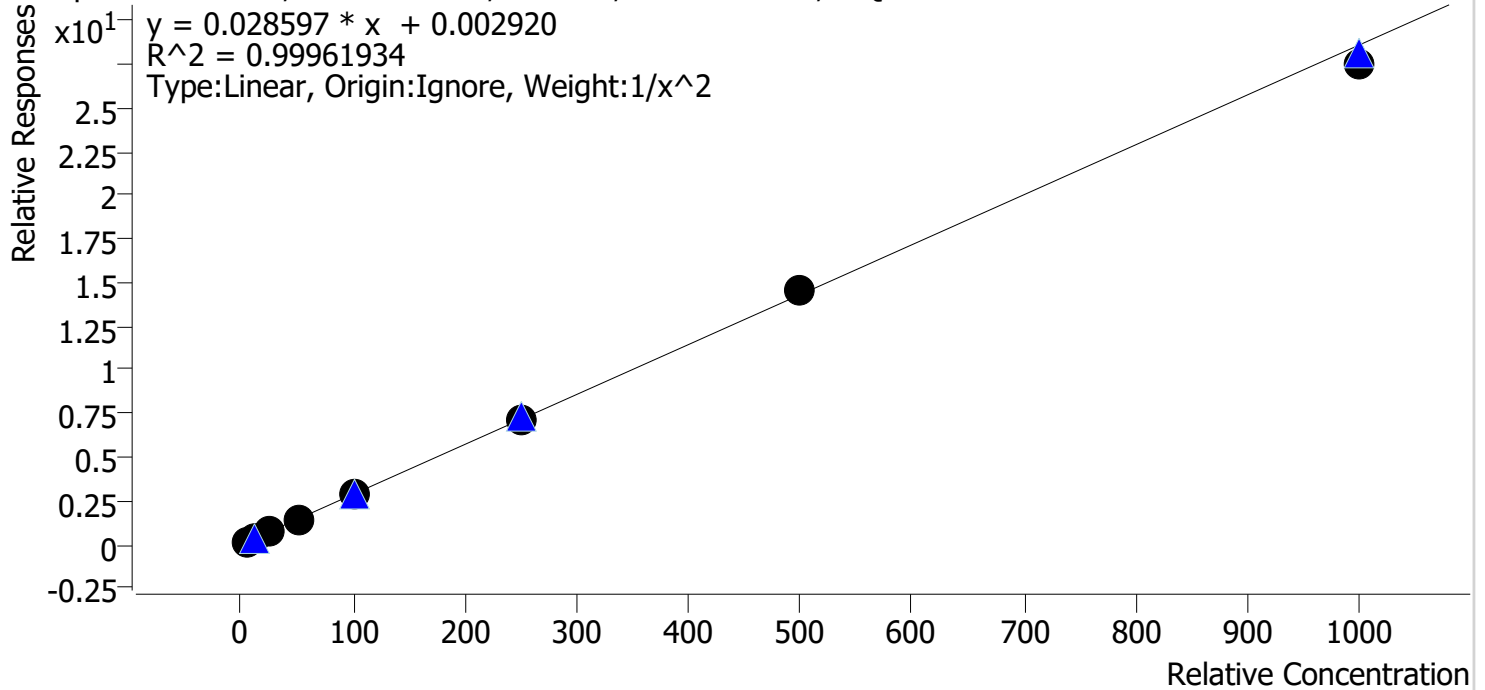
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 104.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.6 | 97.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.0 | 98.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 487.7 | 97.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1022.6 | 102.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



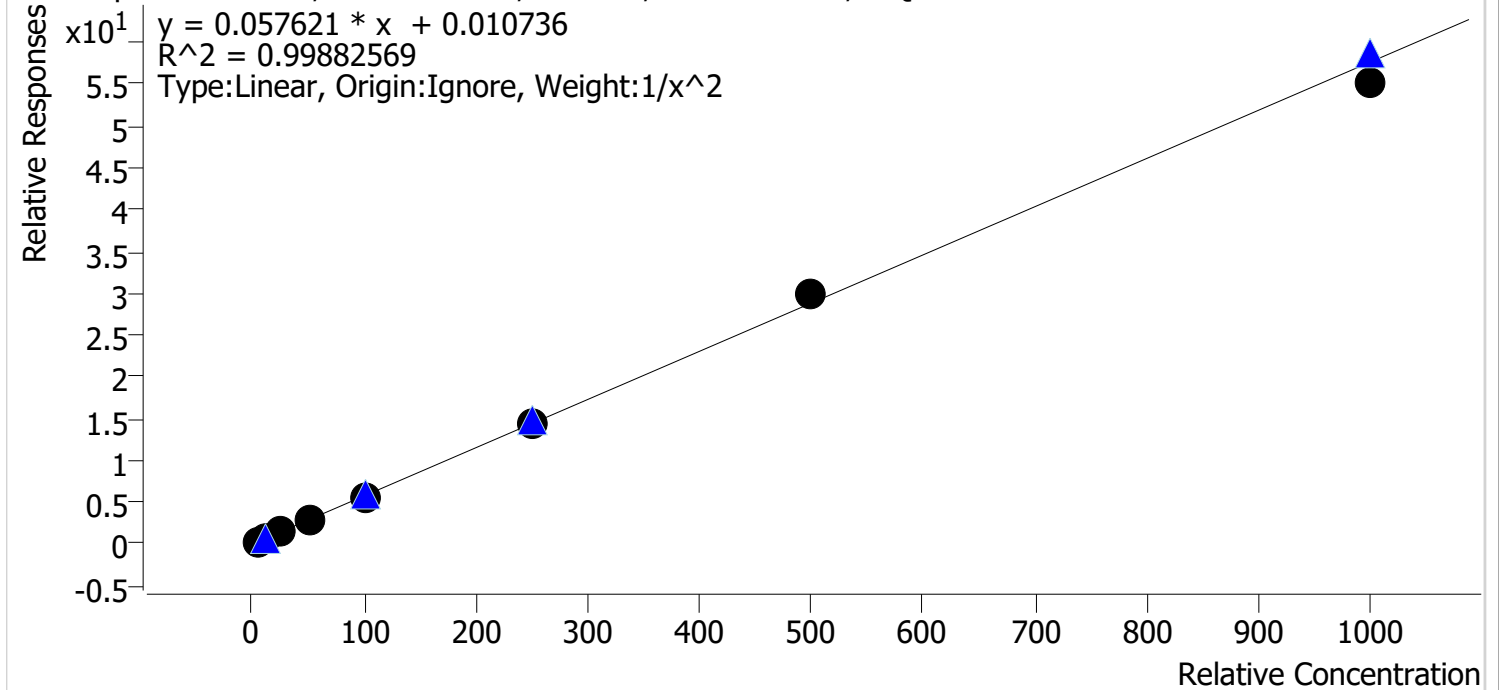
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 102.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.4 | 100.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.9 | 100.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.2 | 99.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 505.1 | 101.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 965.0 | 96.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.9 | 97.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.9 | 98.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.4 | 101.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 518.7 | 103.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 954.4 | 95.4 |

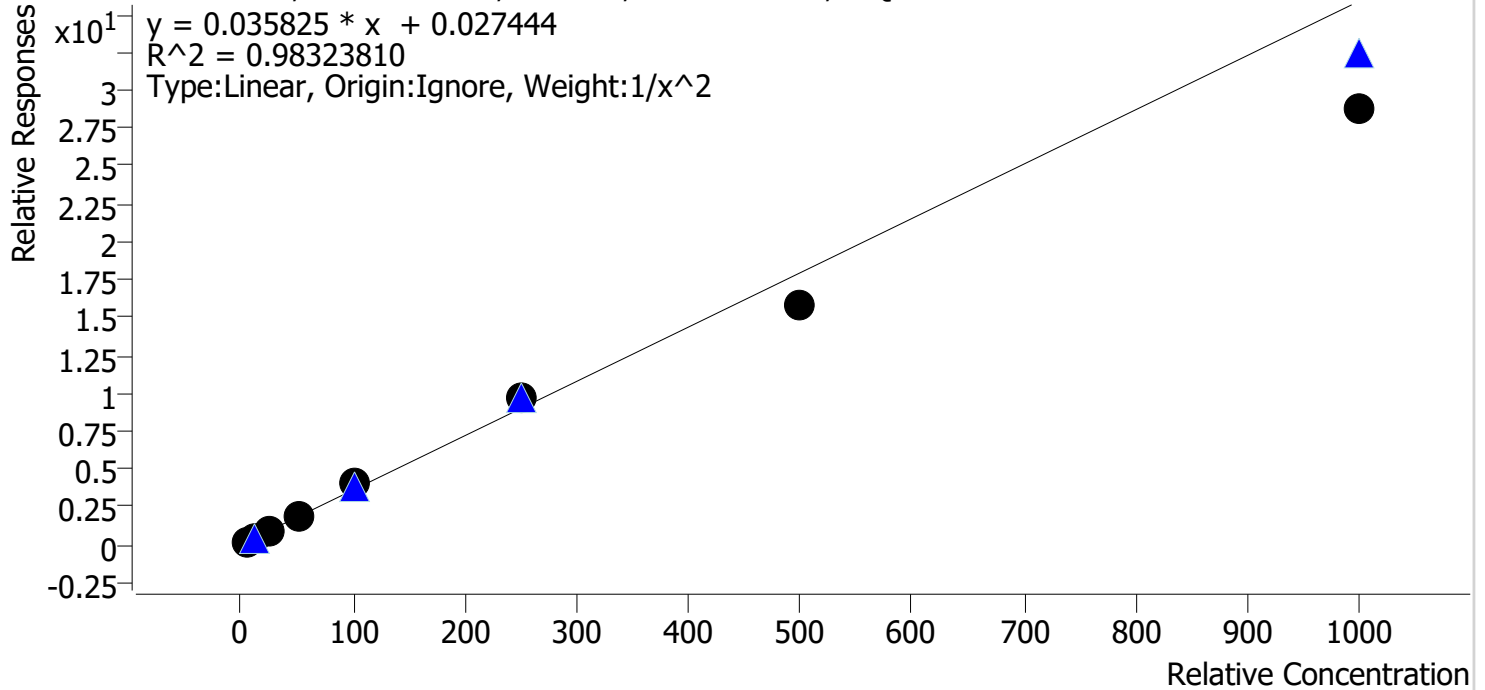
Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard Nordiazepam-D5

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



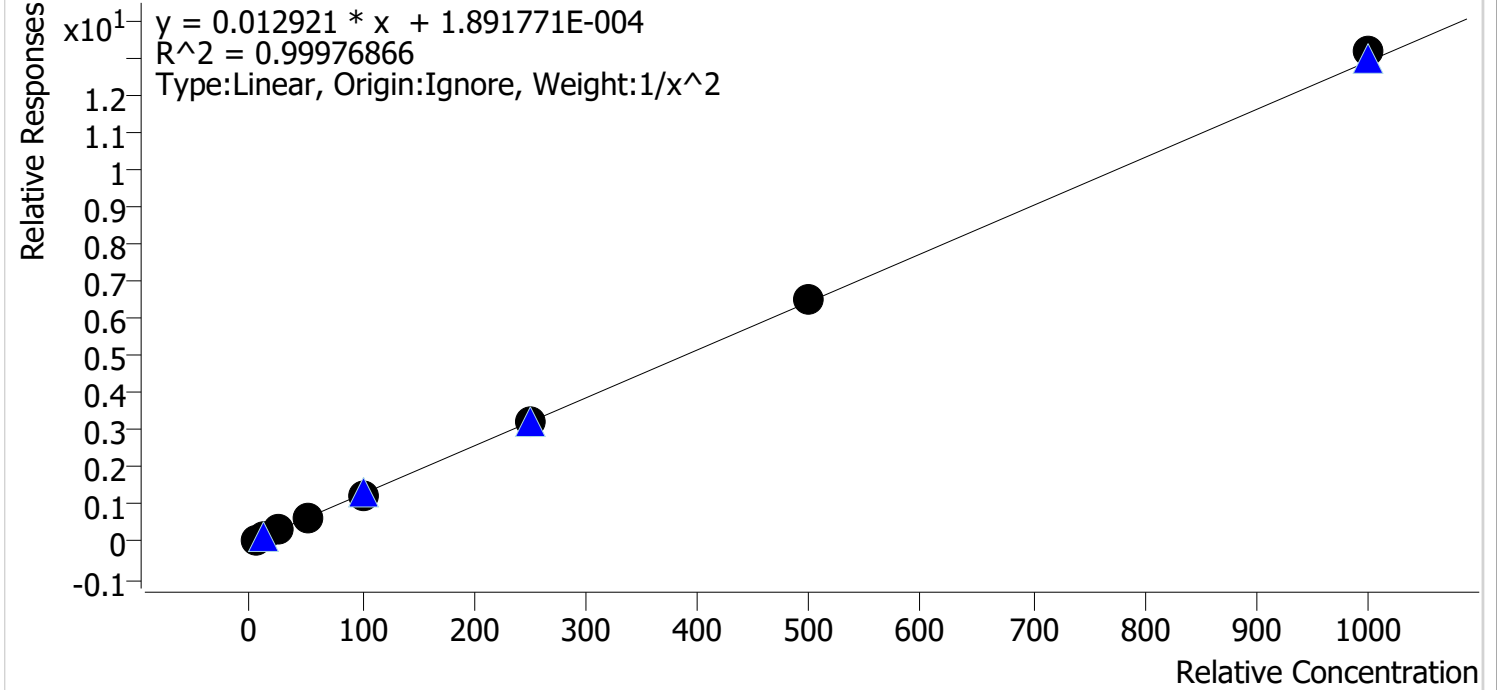
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 108.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.3 | 105.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.9 | 103.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 113.8 | 113.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 267.0 | 106.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 441.1 | 88.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 803.8 | 80.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



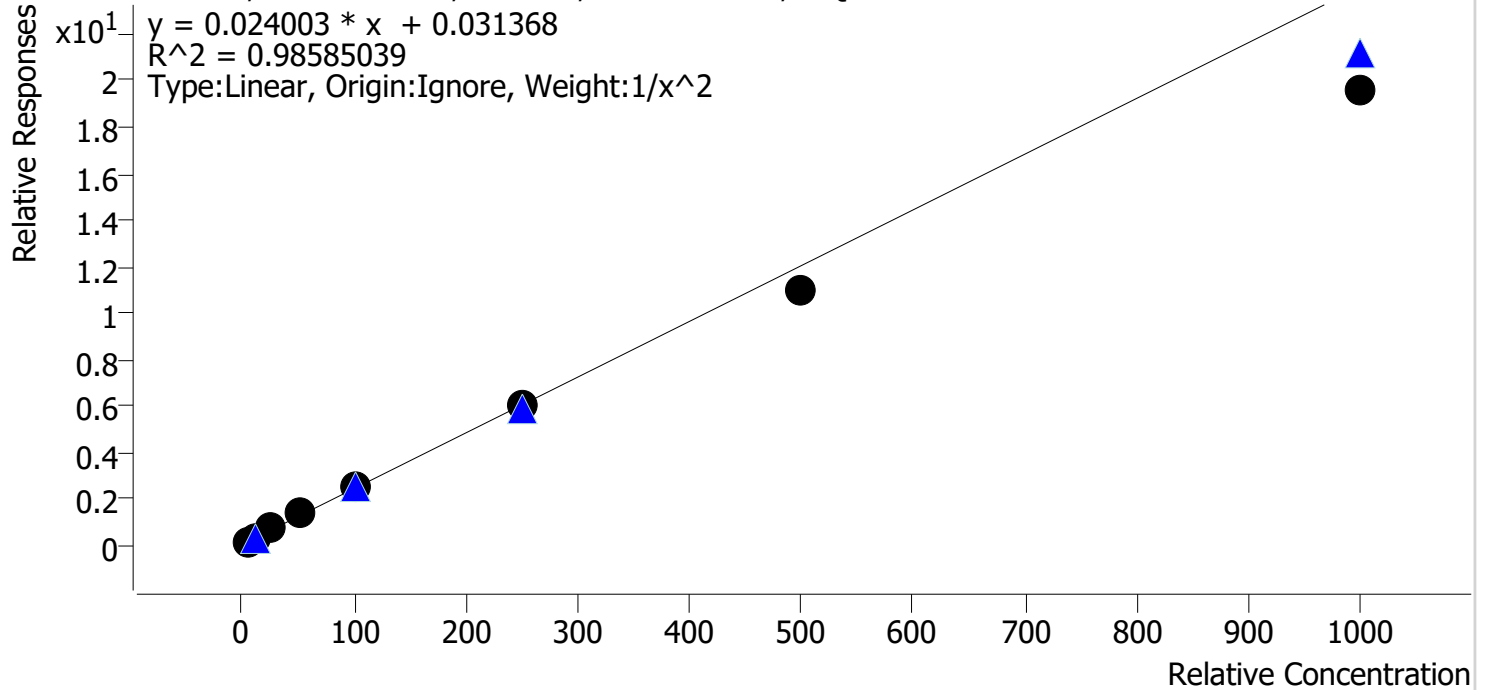
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.5 | 98.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.7 | 100.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.8 | 100.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1020.5 | 102.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



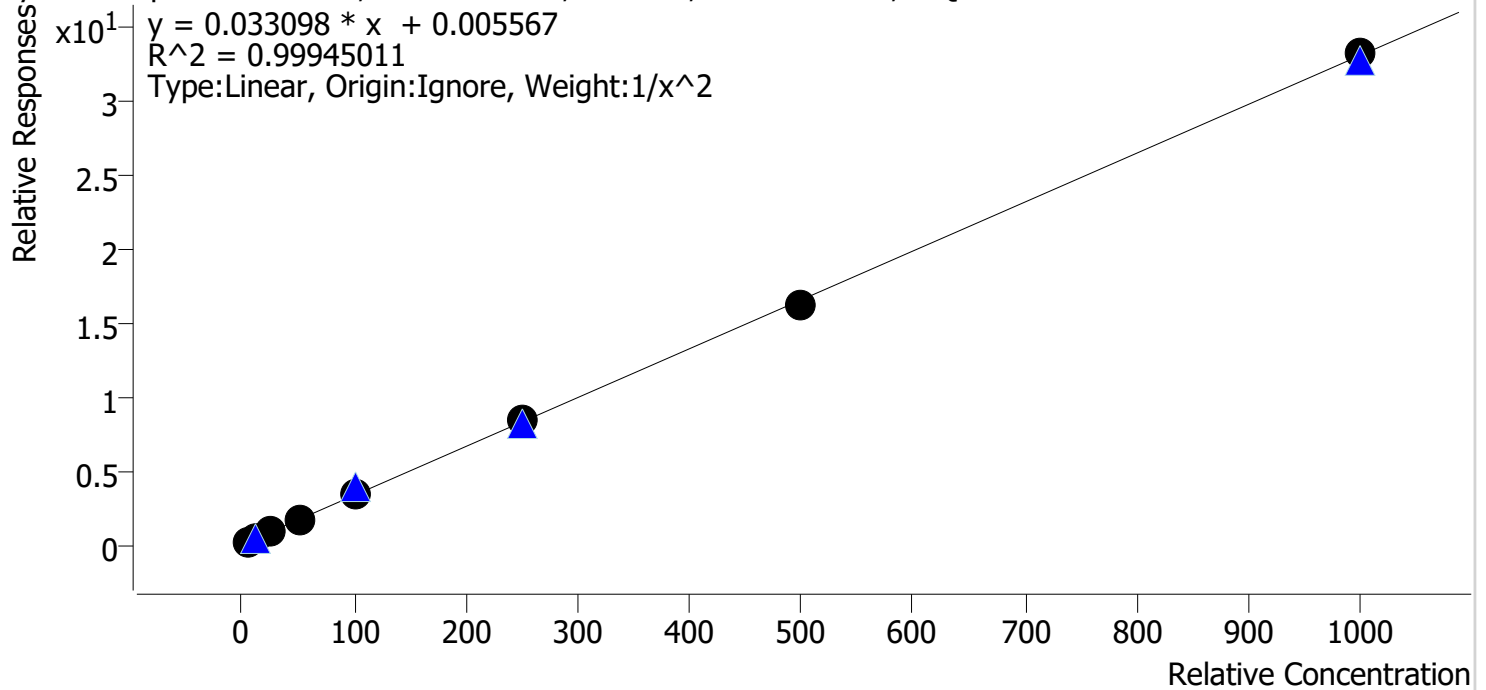
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 93.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.4 | 113.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.9 | 107.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 106.2 | 106.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.3 | 100.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 456.0 | 91.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 818.1 | 81.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



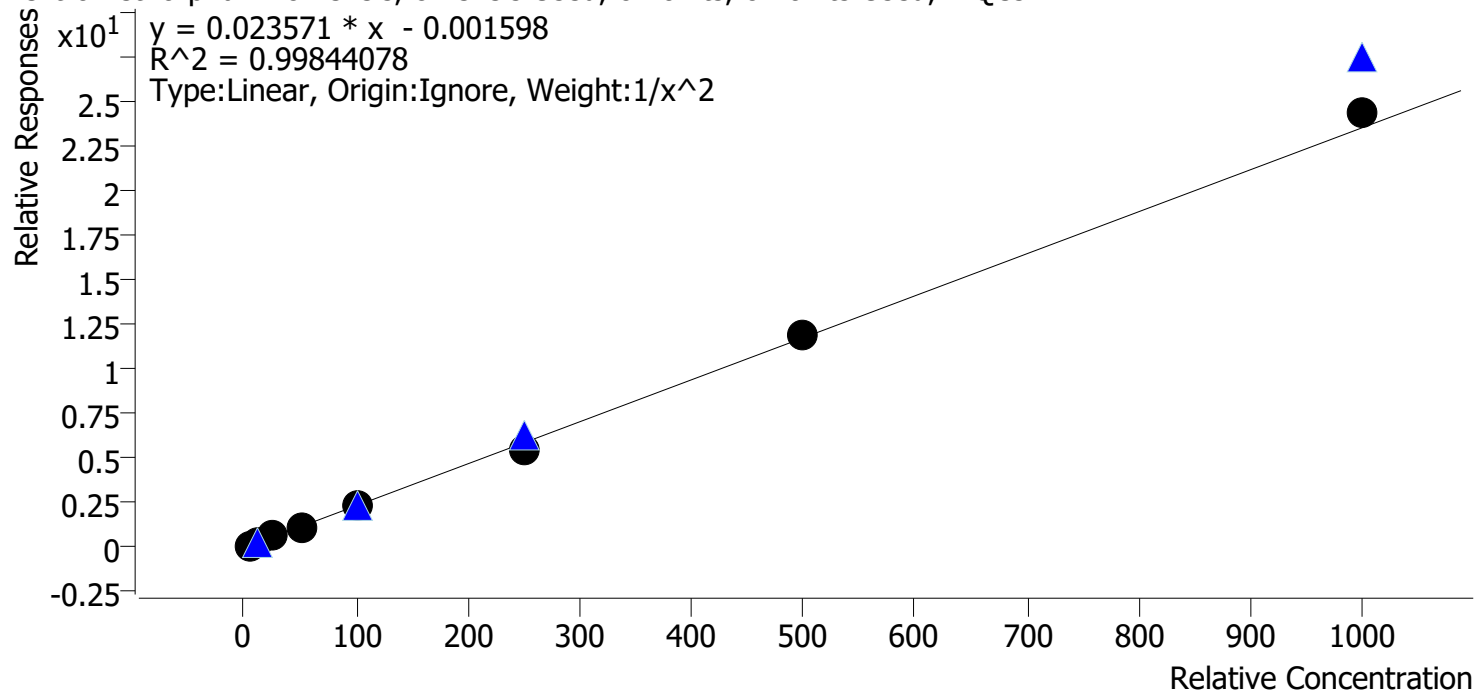
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.3 | 97.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.6 | 101.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.4 | 103.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.6 | 100.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 491.6 | 98.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1003.9 | 100.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



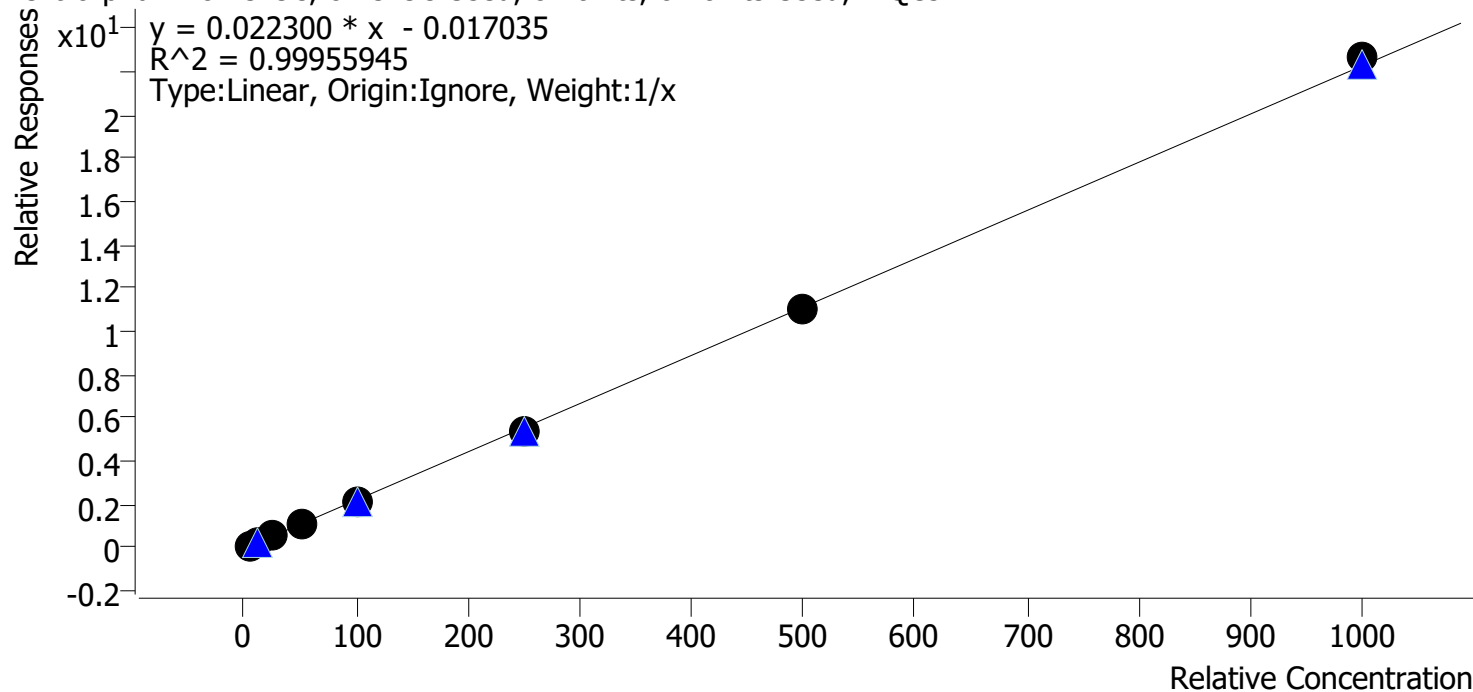
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.3 | 98.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.3 | 97.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 235.1 | 94.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 509.6 | 101.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1039.2 | 103.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



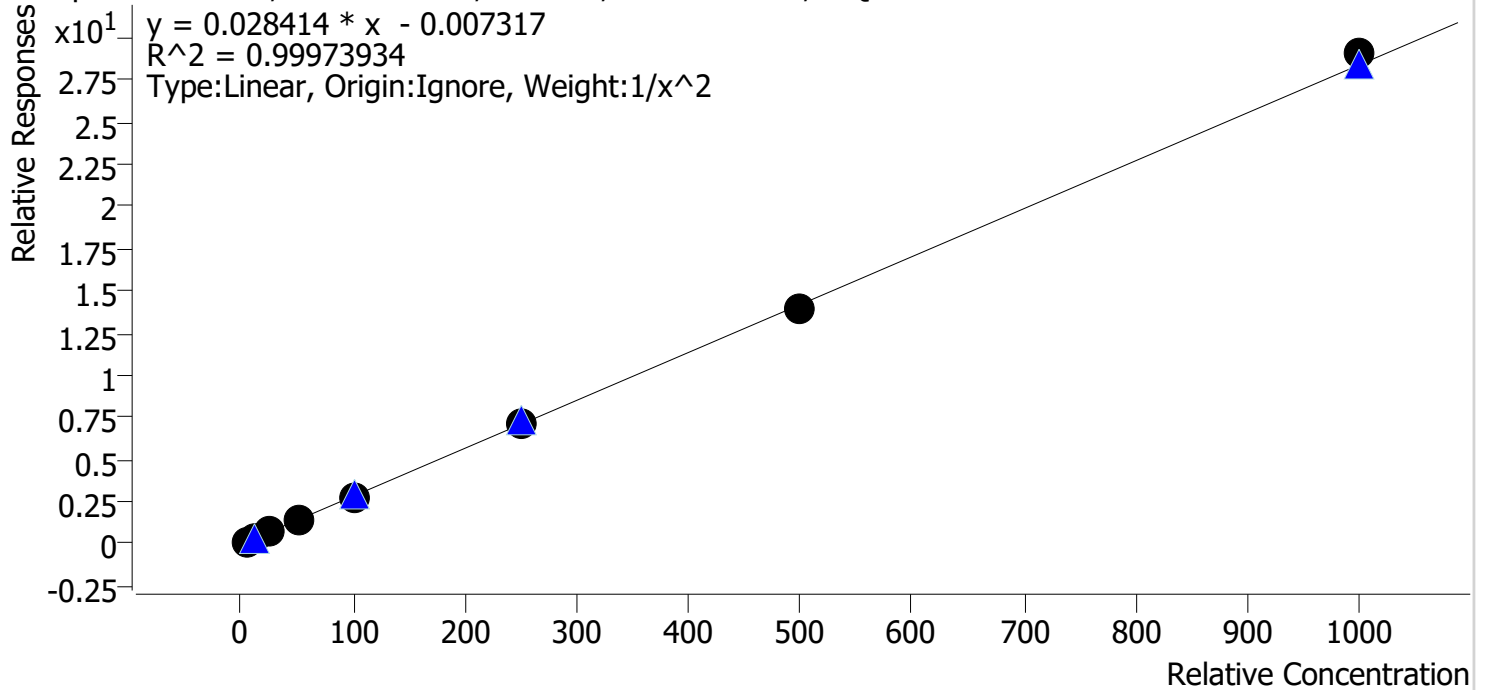
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.6 | 111.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.1 | 96.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 244.4 | 97.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 494.2 | 98.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1017.0 | 101.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



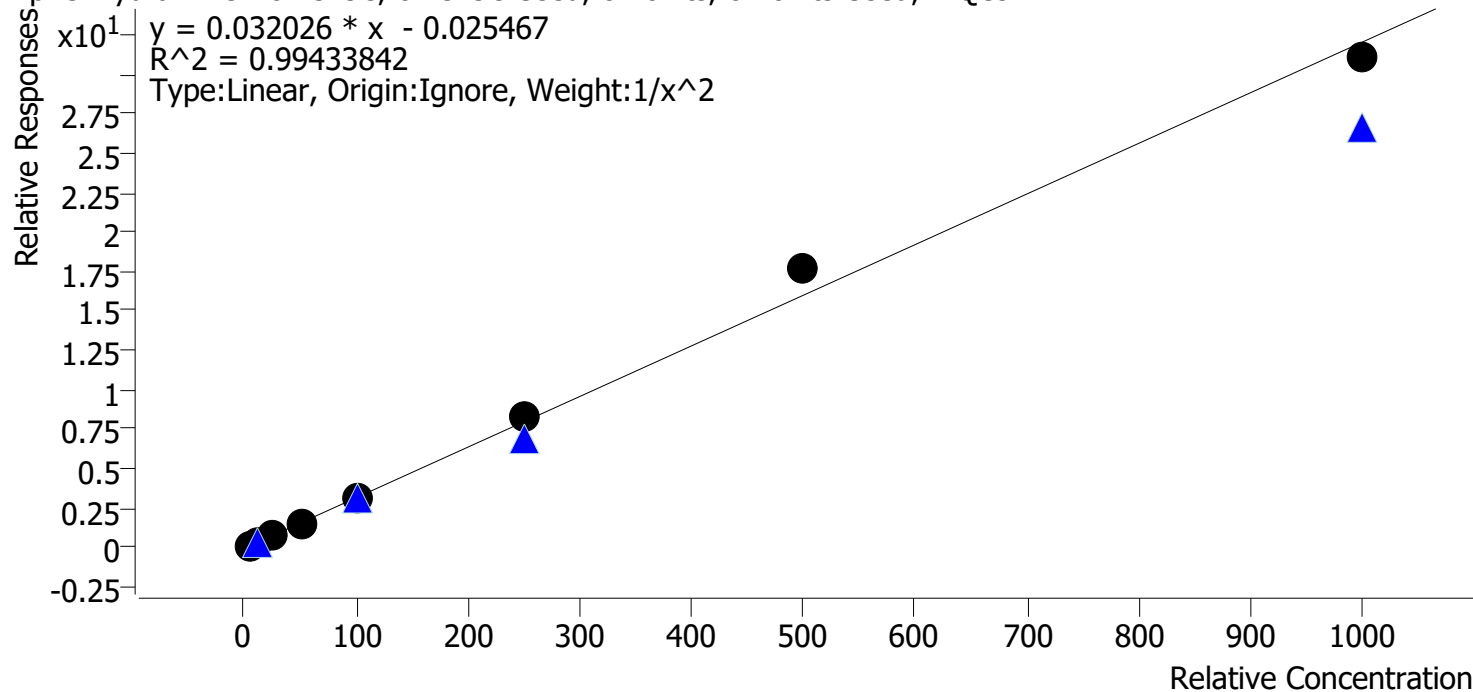
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.7 | 98.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.0 | 100.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.1 | 100.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 488.7 | 97.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1023.7 | 102.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



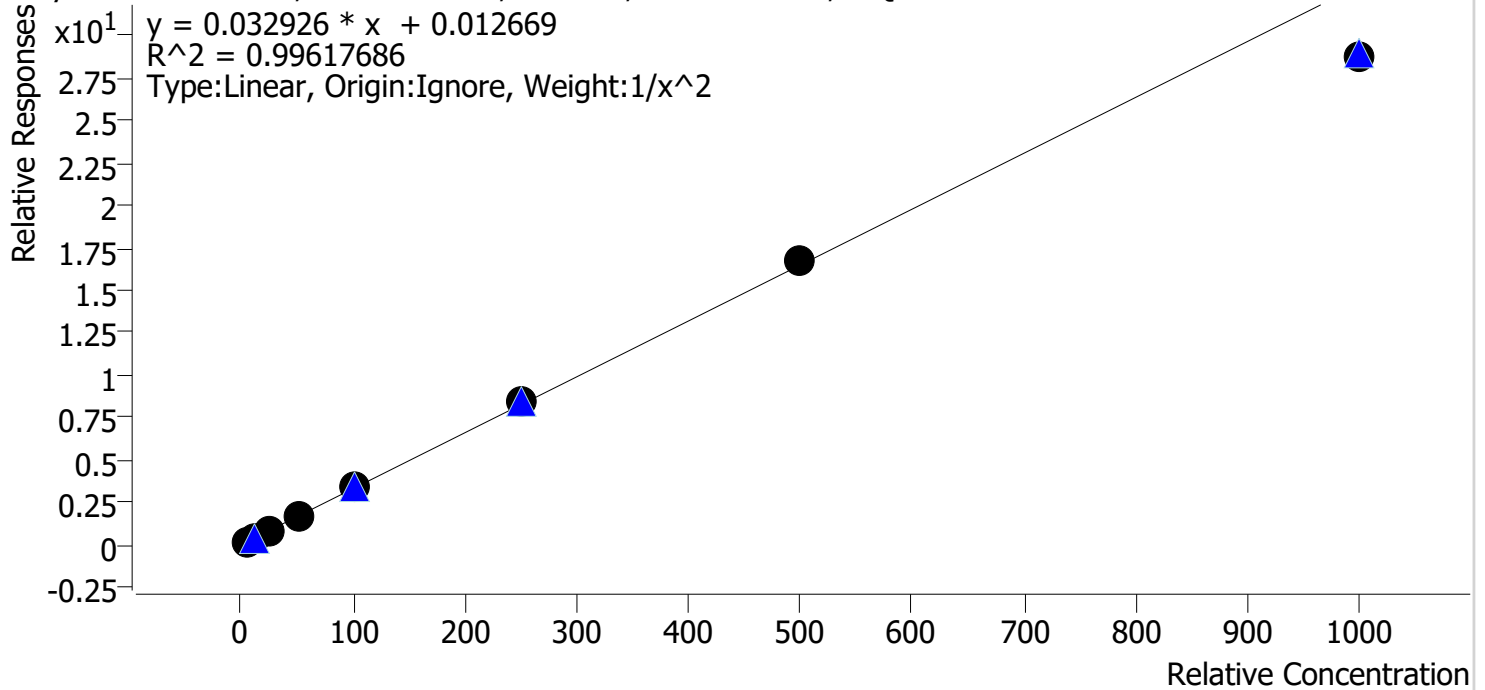
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 103.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 97.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.5 | 94.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 45.0 | 90.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.7 | 102.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 262.8 | 105.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 552.0 | 110.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 969.5 | 97.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



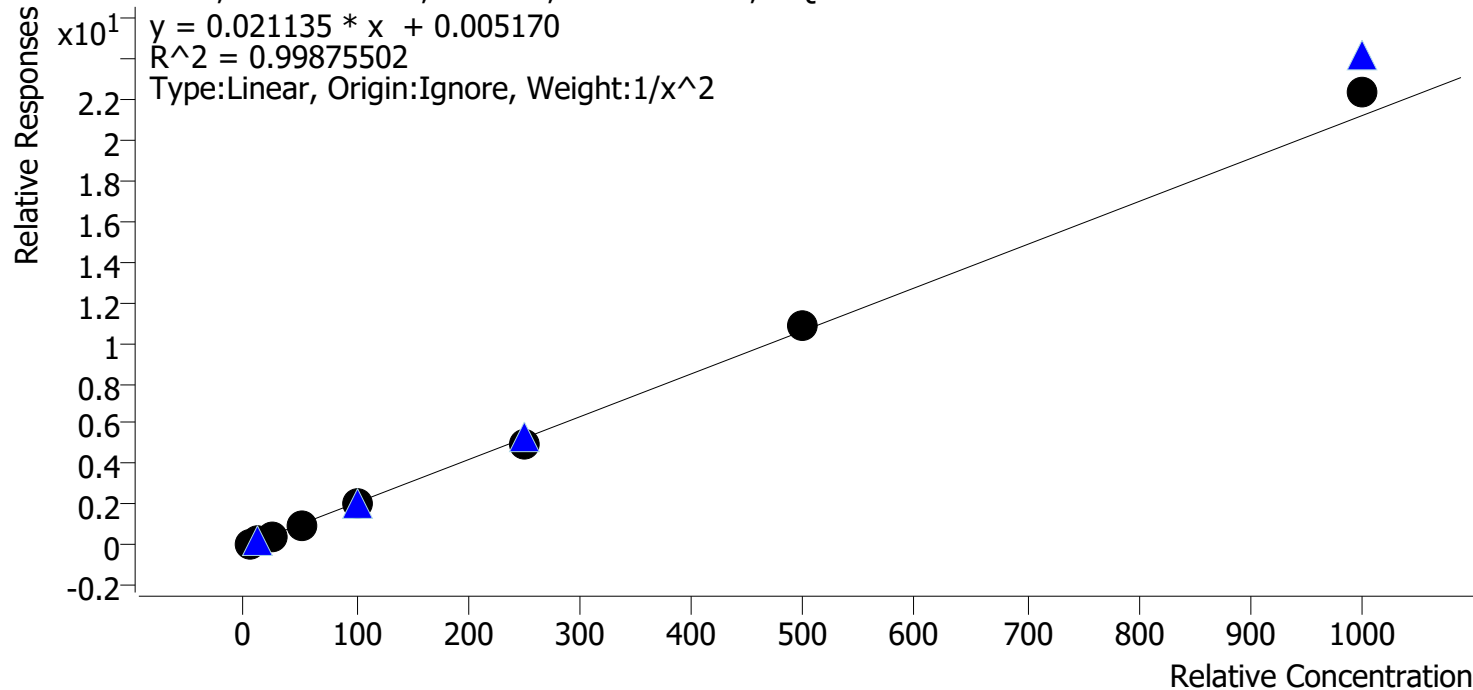
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.2 | 104.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.8 | 101.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.3 | 103.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 256.0 | 102.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 507.3 | 101.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 875.2 | 87.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



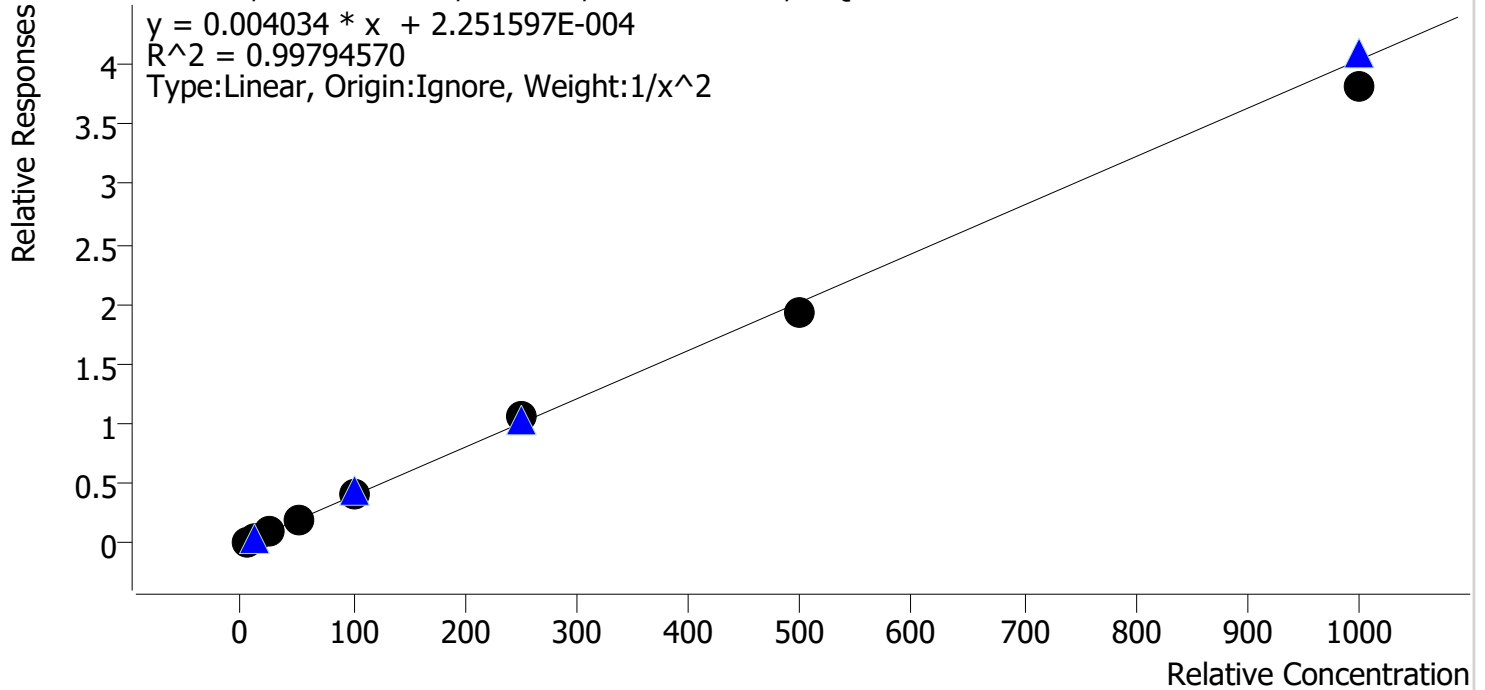
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.6 | 97.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.4 | 99.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 240.3 | 96.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 510.4 | 102.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1058.7 | 105.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



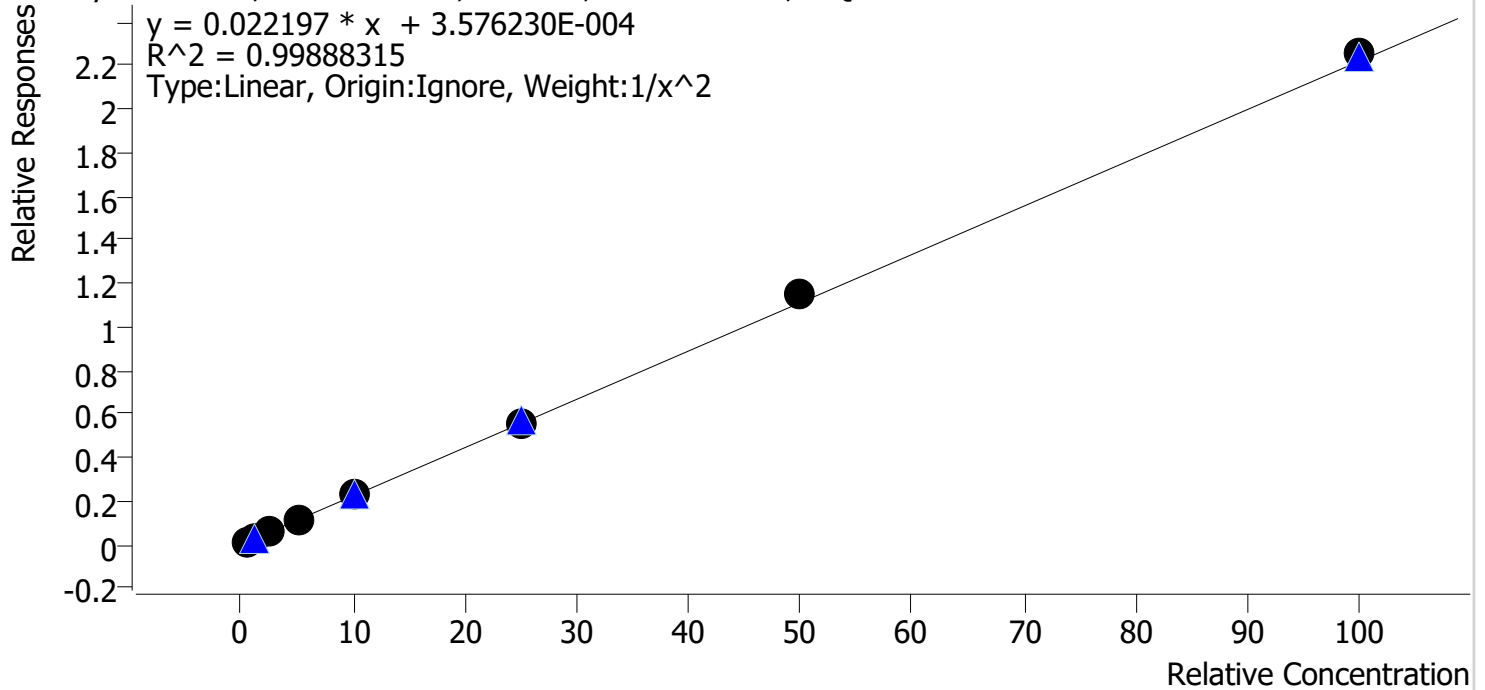
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.0 | 102.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 265.8 | 106.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 476.4 | 95.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 948.0 | 94.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



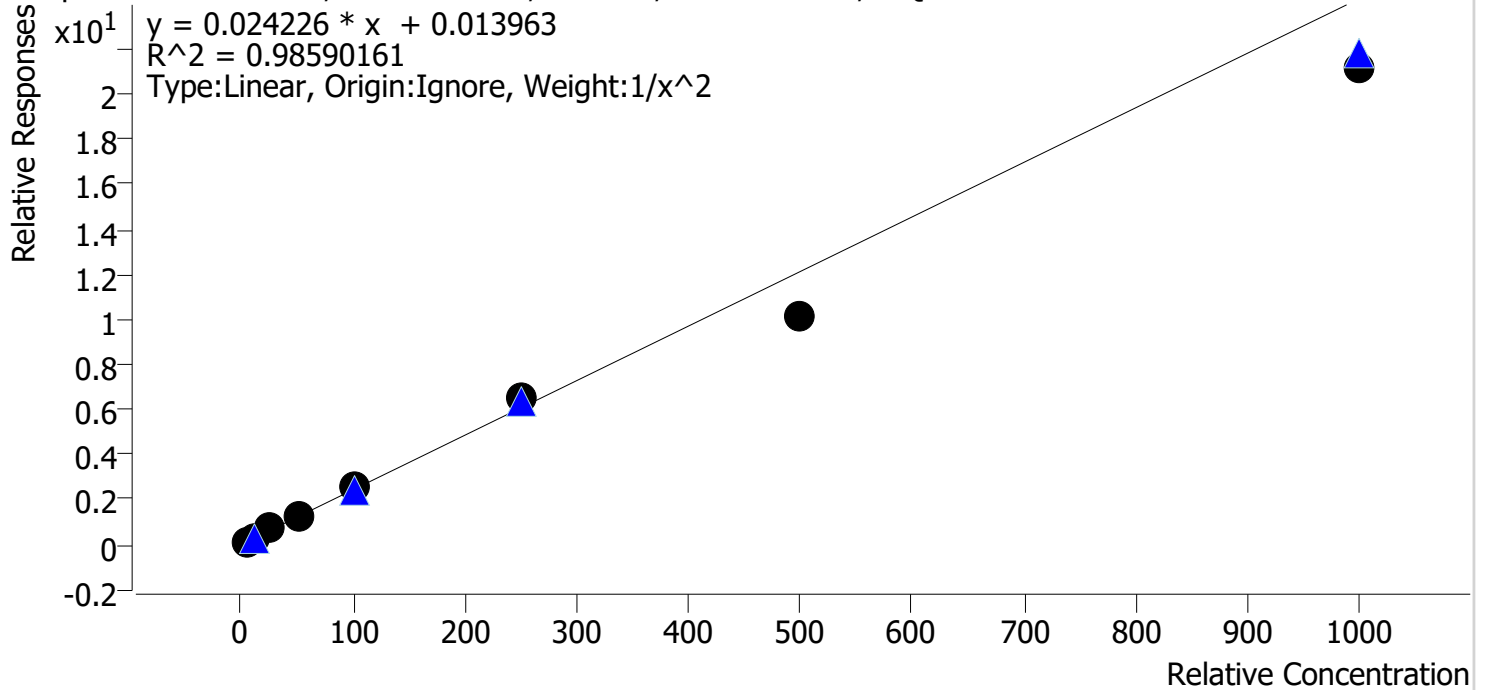
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 103.0 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 95.1 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.4 | 97.9 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.9 | 97.7 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.2 | 102.1 |
| cal 6 mdq | 6 | ✓ | 25.0 | 24.9 | 99.7 |
| cal 7 mdq | 7 | ✓ | 50.0 | 51.5 | 103.1 |
| cal 8 mdq | 8 | ✓ | 100.0 | 101.6 | 101.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Nordiazepam-D5

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



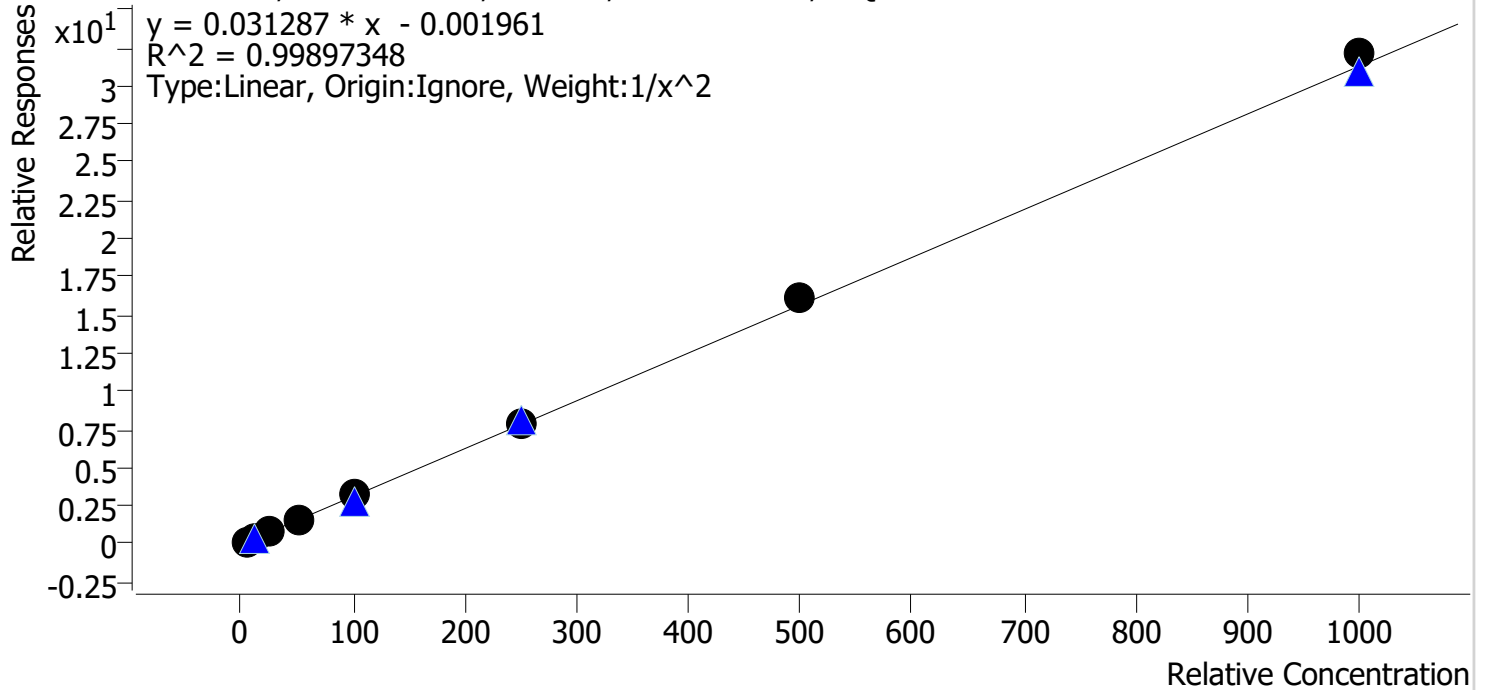
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.6 | 106.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.8 | 111.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.5 | 101.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 108.1 | 108.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 270.3 | 108.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 417.6 | 83.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 876.3 | 87.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



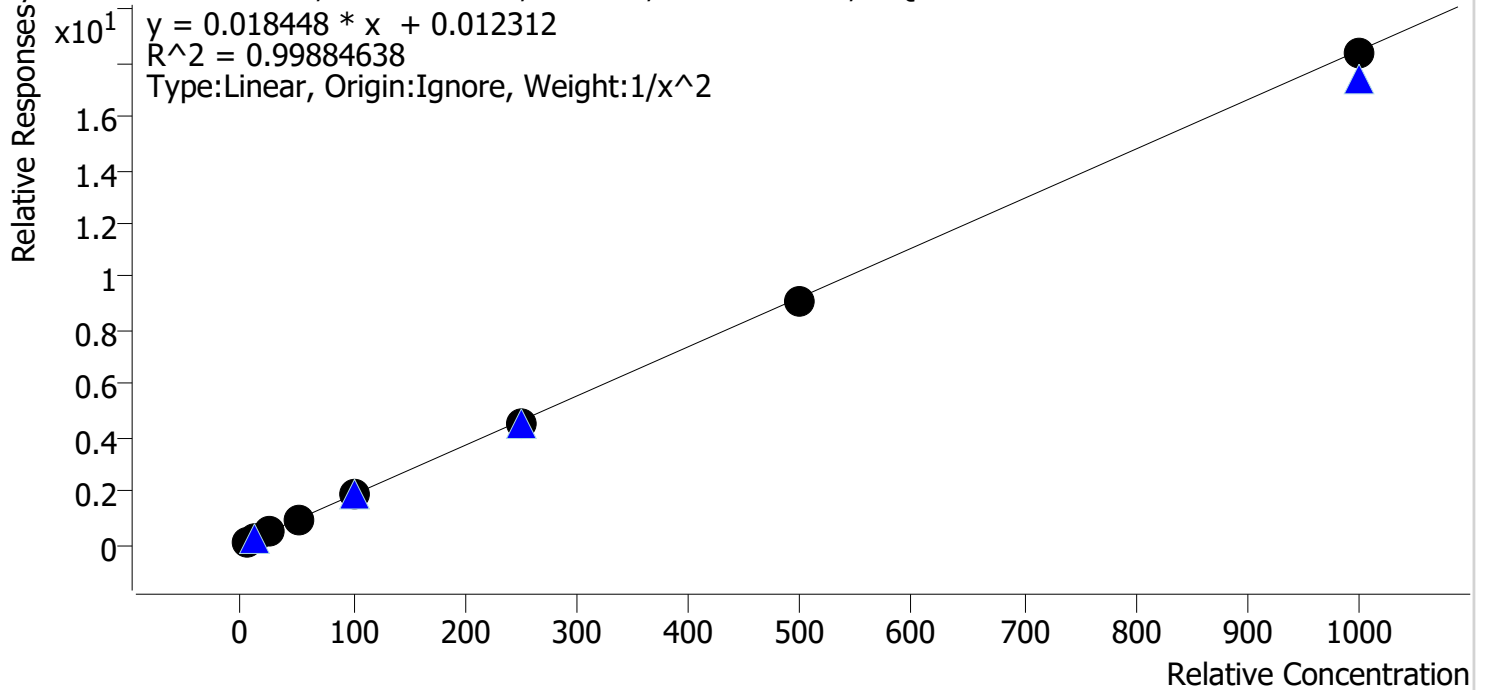
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.7 | 97.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.3 | 94.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.9 | 100.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.7 | 99.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 512.2 | 102.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1026.5 | 102.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



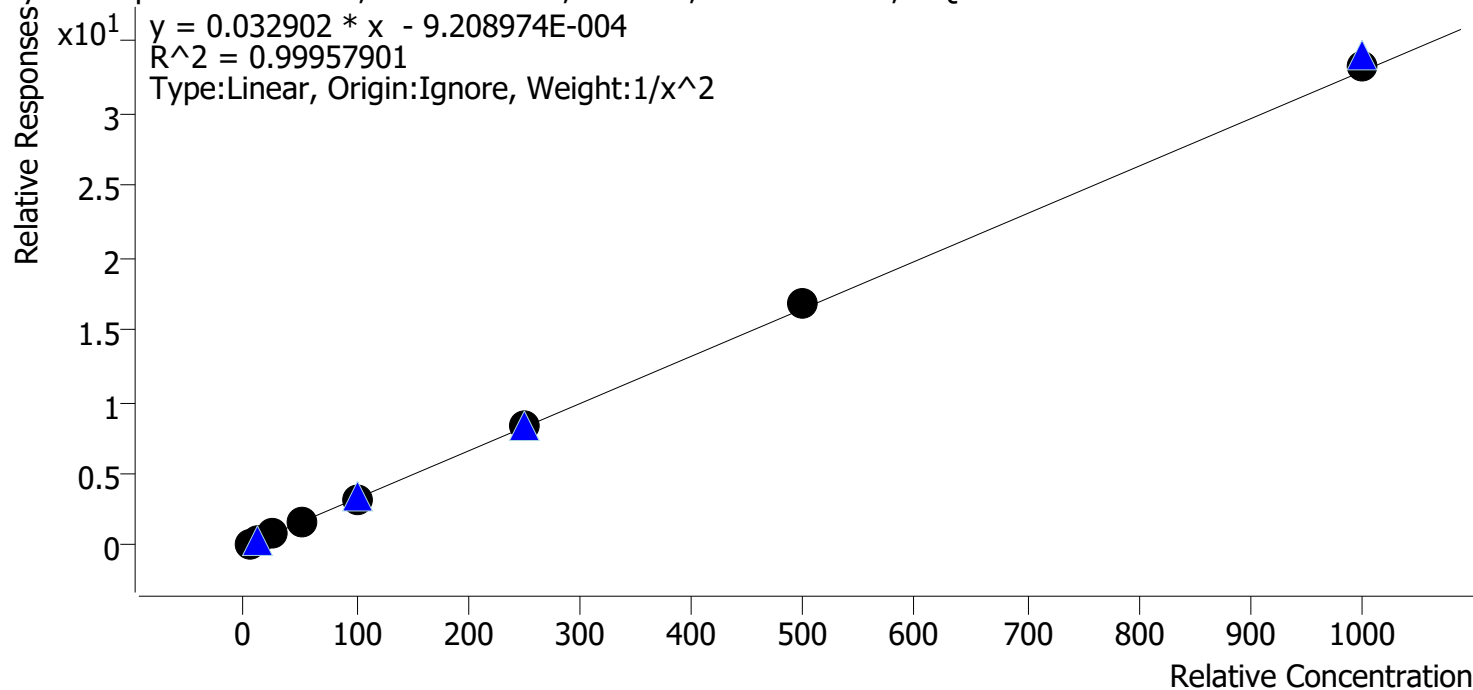
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.0 | 103.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.4 | 98.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.0 | 100.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 243.8 | 97.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 492.0 | 98.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 993.7 | 99.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



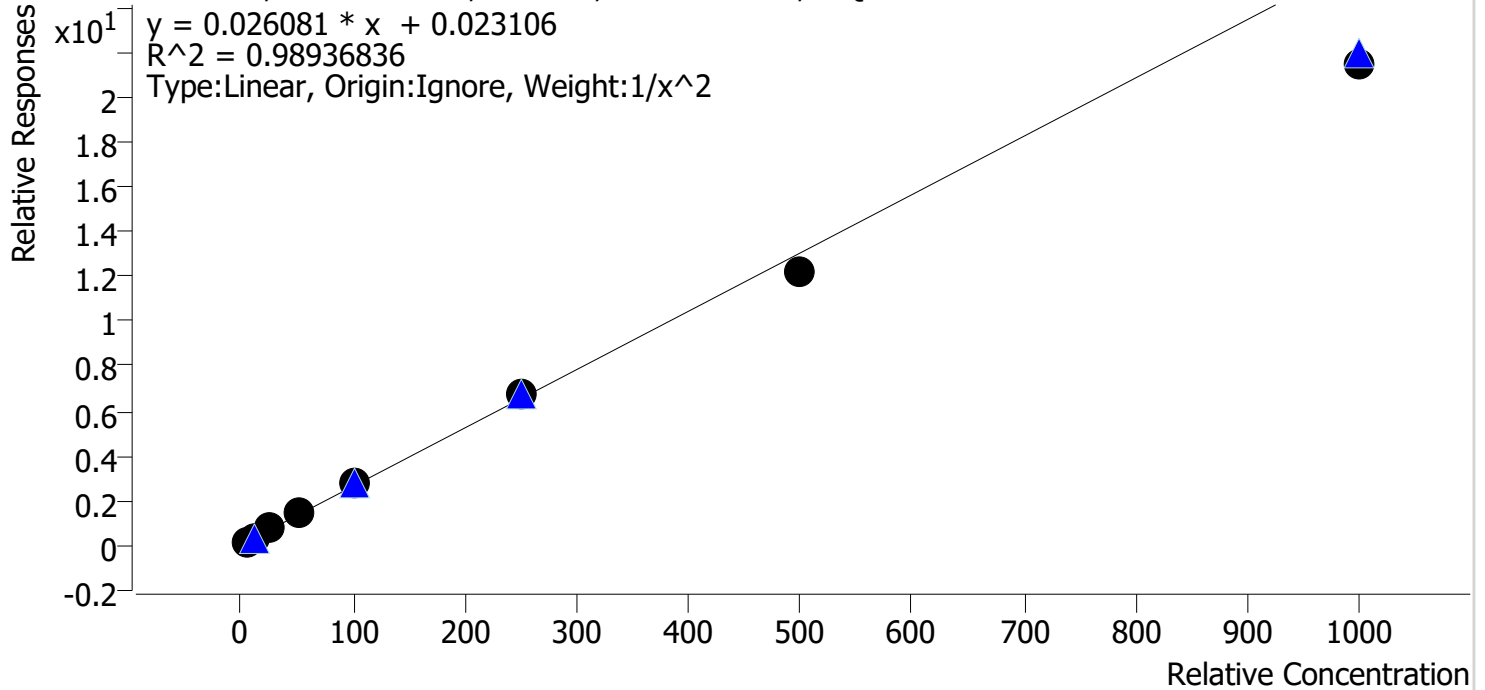
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.0 | 96.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.8 | 100.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.1 | 100.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 508.9 | 101.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1012.3 | 101.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



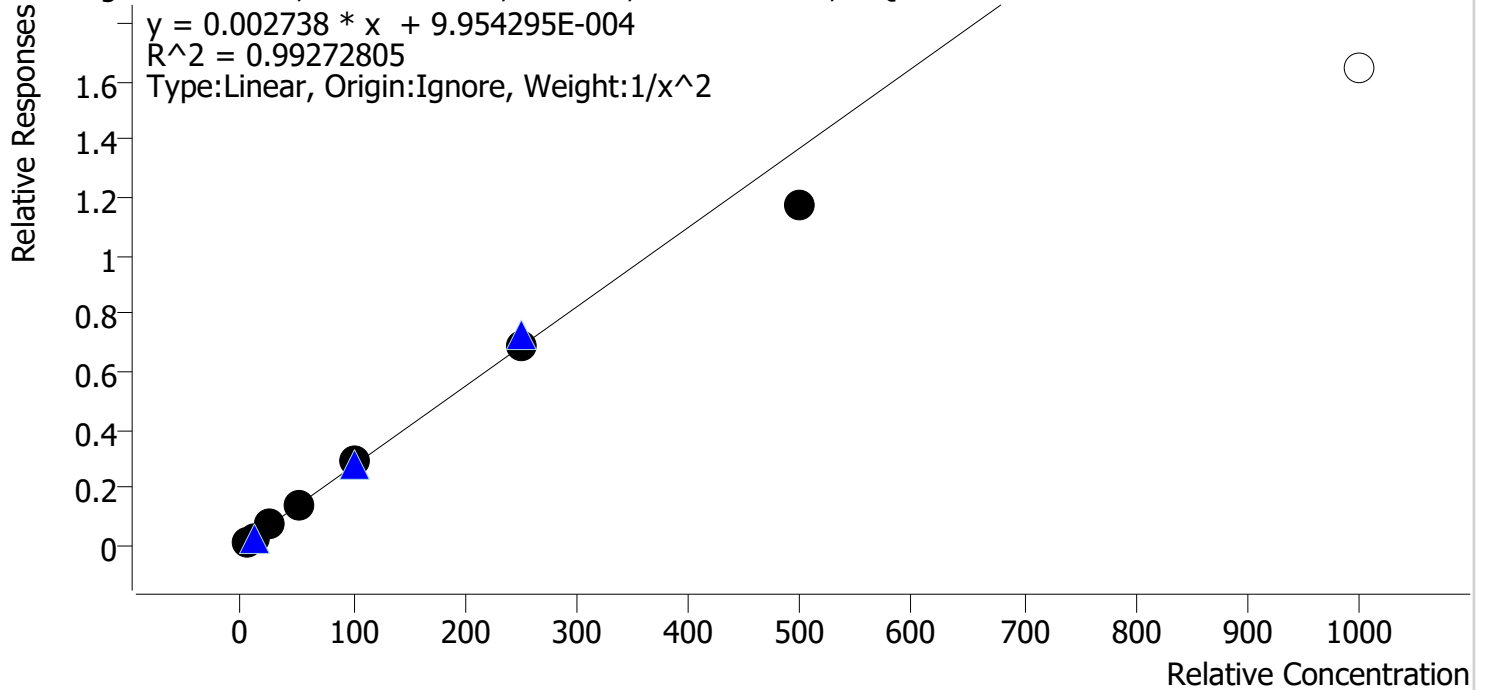
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.9 | 107.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.2 | 108.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 106.4 | 106.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 259.7 | 103.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 466.4 | 93.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 820.7 | 82.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\lam 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** MDA-D5

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



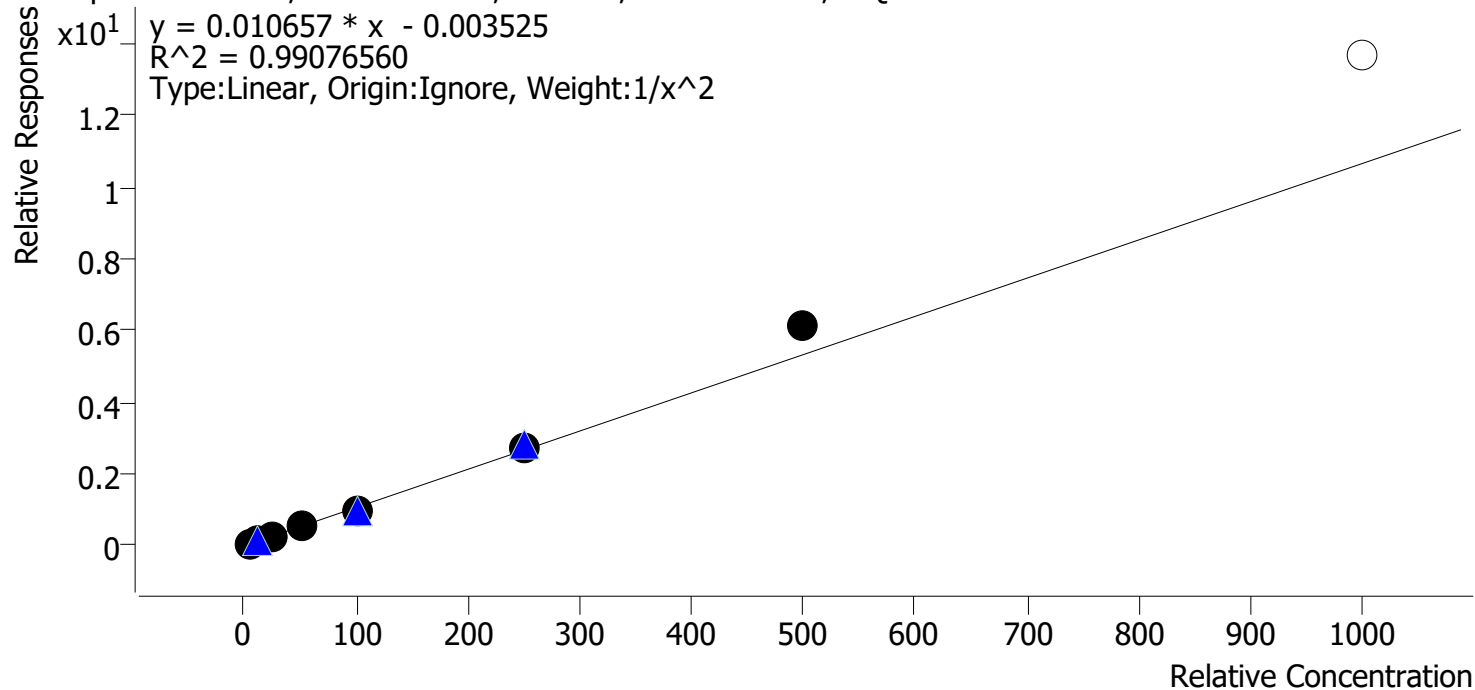
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 104.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.8 | 103.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 107.5 | 107.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.2 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 427.7 | 85.5 |
| cal 8 mdq | 8 | x | 1000.0 | 599.7 | 60.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



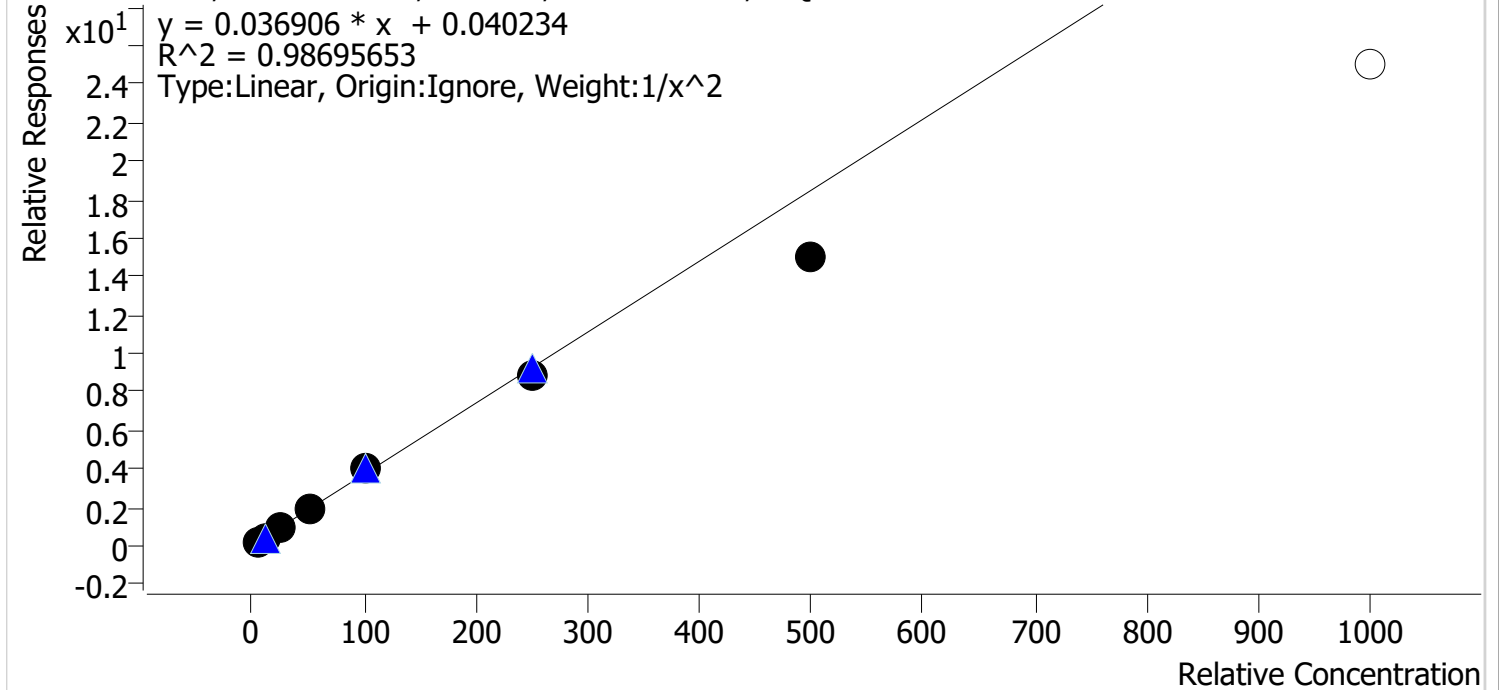
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.3 | 105.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.3 | 93.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.5 | 94.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.6 | 95.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.2 | 94.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.5 | 103.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 575.4 | 115.1 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 1282.4 | 128.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



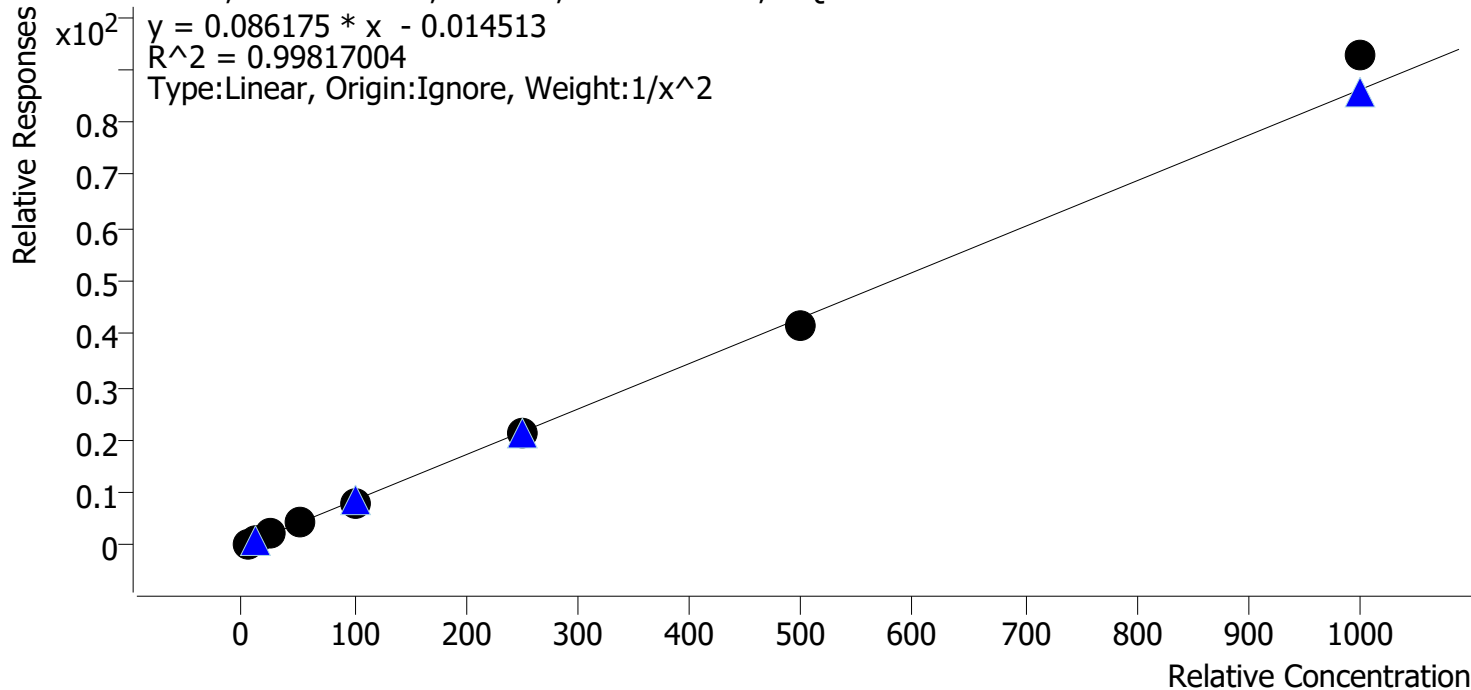
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.6 | 106.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.9 | 107.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.1 | 106.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 107.0 | 107.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 241.3 | 96.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 408.1 | 81.6 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 679.1 | 67.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



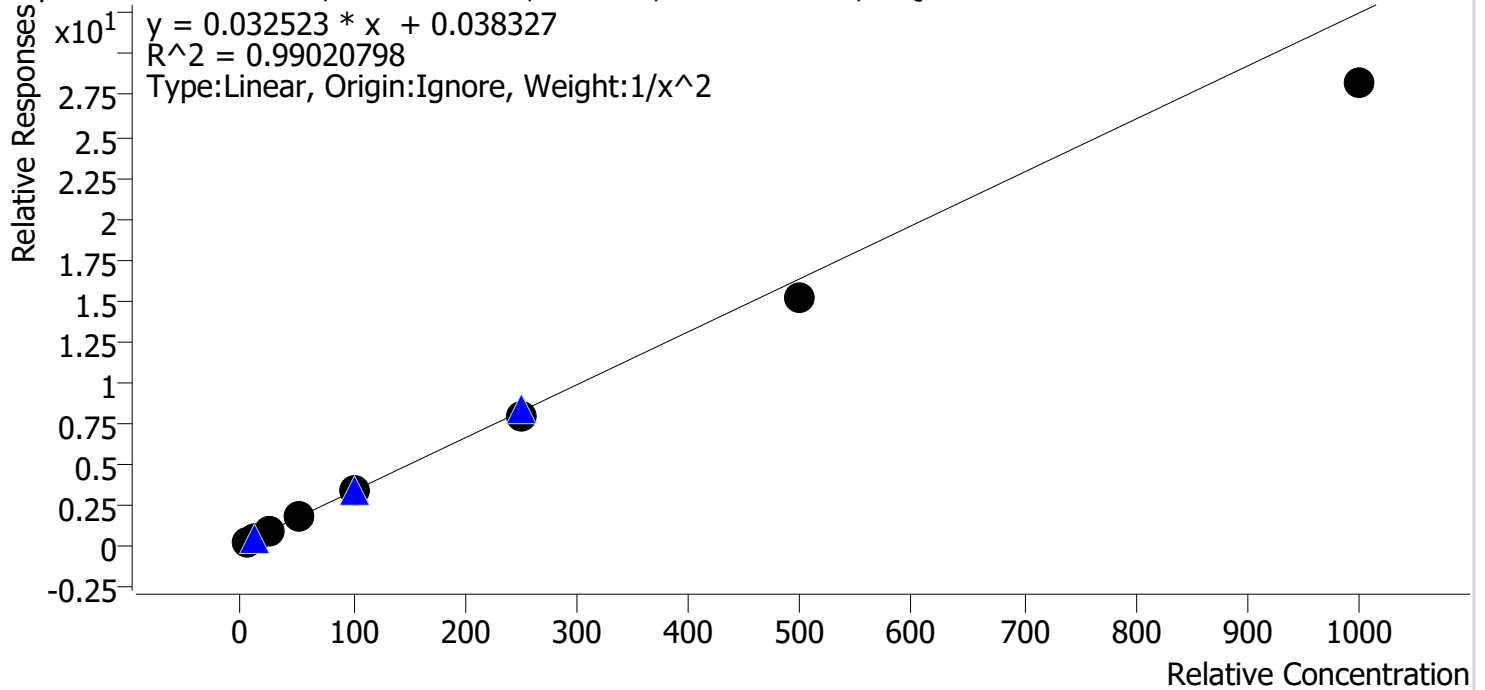
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.6 | 96.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.2 | 100.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.8 | 96.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.4 | 99.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 482.5 | 96.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1074.6 | 107.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



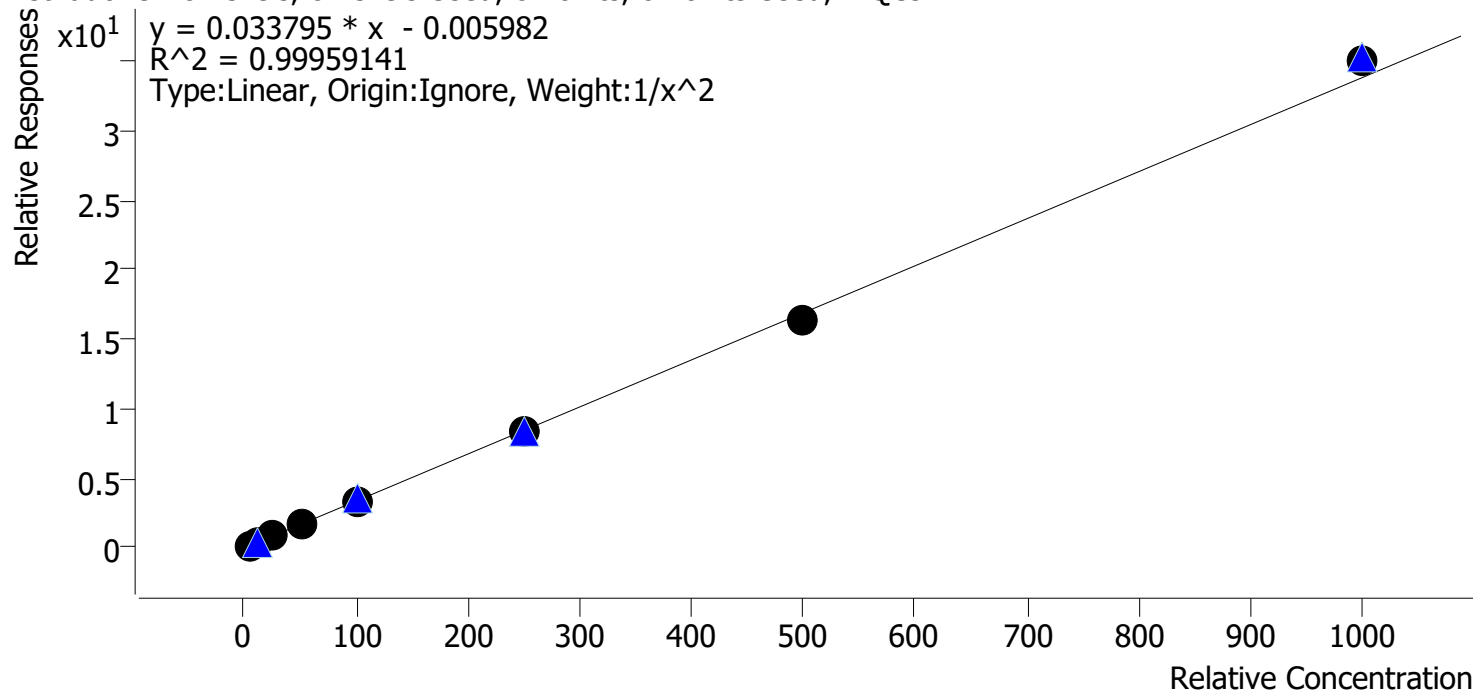
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 93.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 108.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.5 | 109.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.4 | 108.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.3 | 102.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 244.2 | 97.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 465.8 | 93.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 867.9 | 86.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



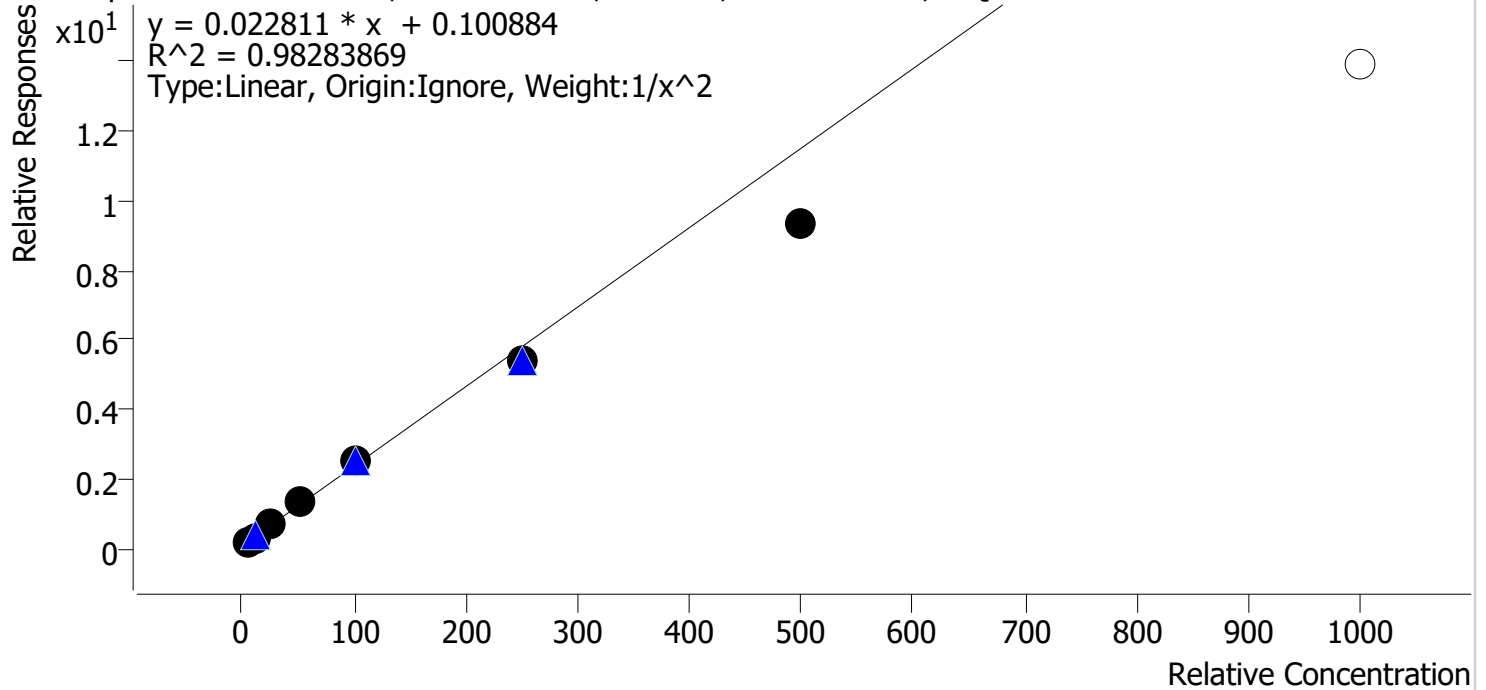
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.8 | 99.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.0 | 100.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 487.4 | 97.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1037.4 | 103.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** **Methamphetamine-D11**

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



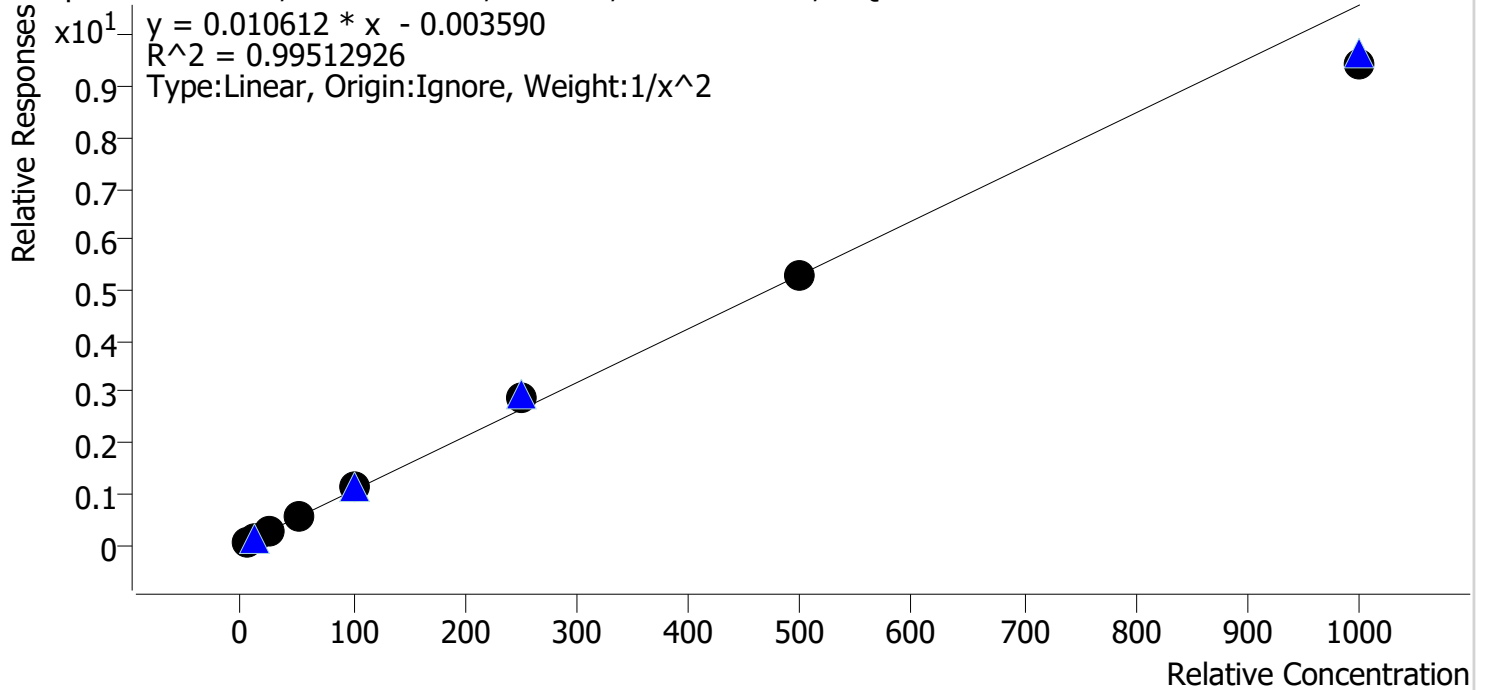
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.5 | 110.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 55.7 | 111.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.9 | 105.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 230.2 | 92.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 405.2 | 81.0 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 607.4 | 60.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



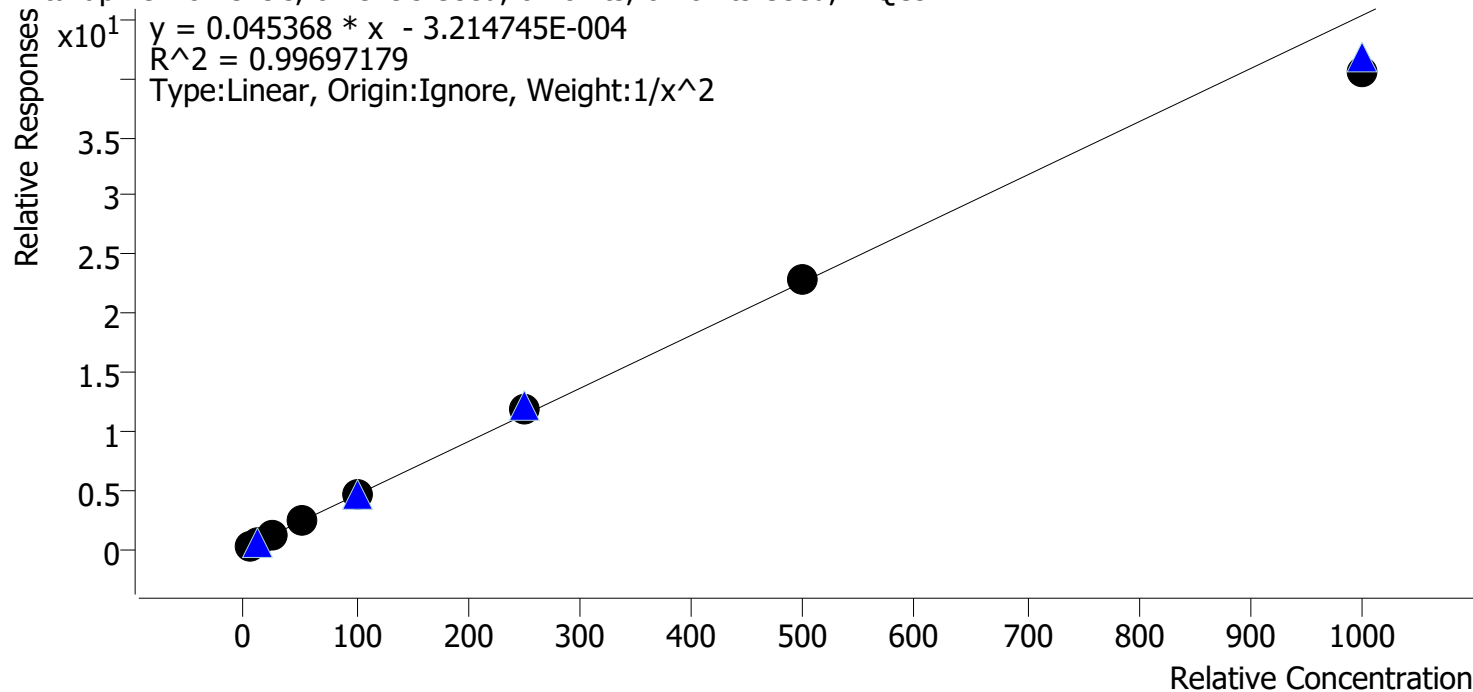
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 101.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.2 | 96.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.4 | 98.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 108.5 | 108.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 268.8 | 107.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 497.7 | 99.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 893.5 | 89.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Phentermine-D5

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



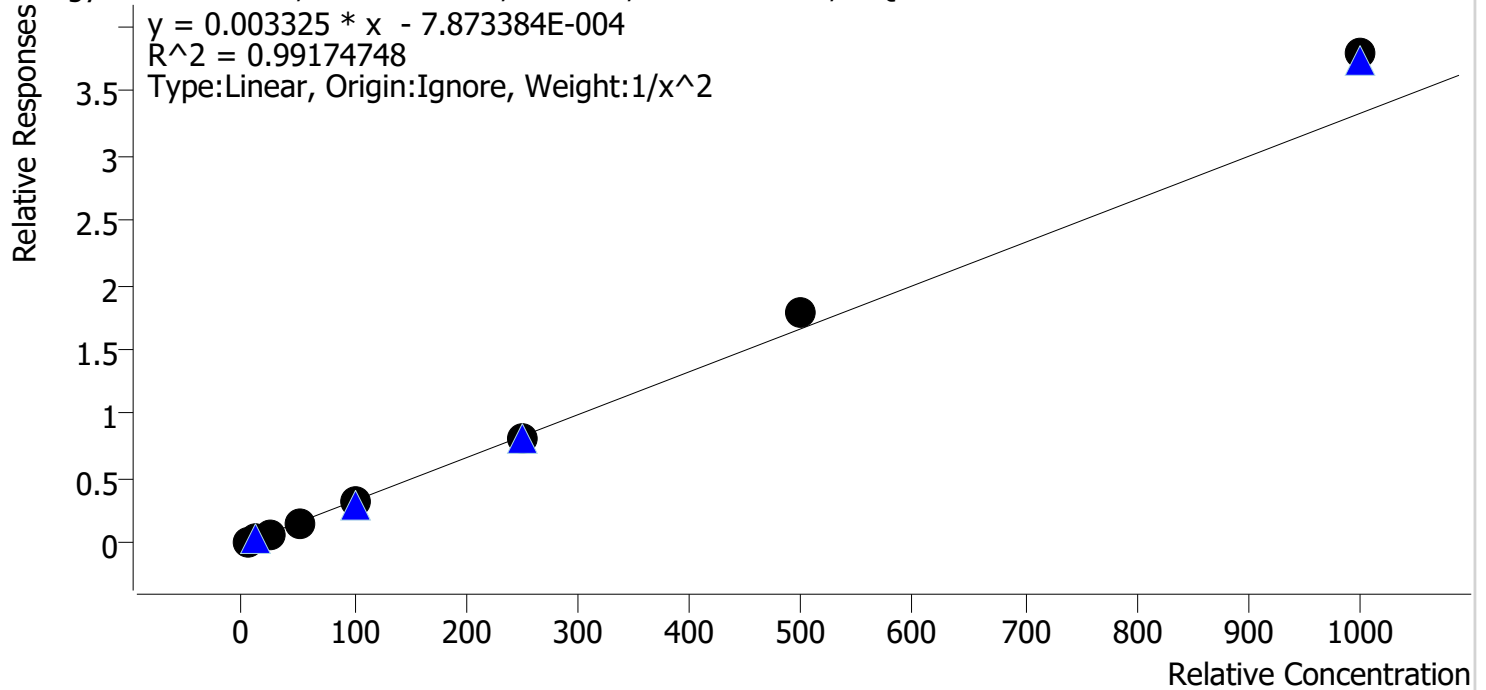
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.6 | 103.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.2 | 102.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 260.6 | 104.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 507.1 | 101.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 890.7 | 89.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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



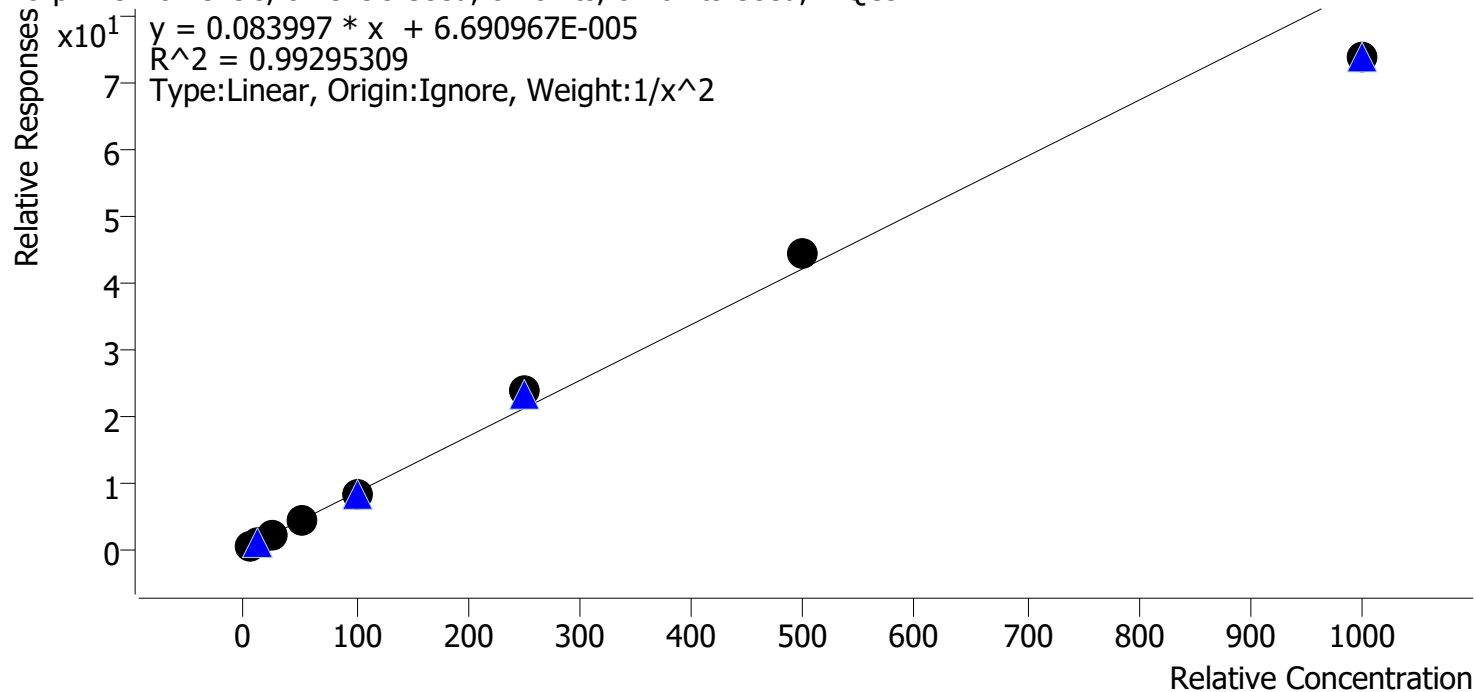
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 104.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.7 | 97.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 22.3 | 89.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.2 | 96.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.8 | 94.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 242.6 | 97.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 537.3 | 107.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1138.7 | 113.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



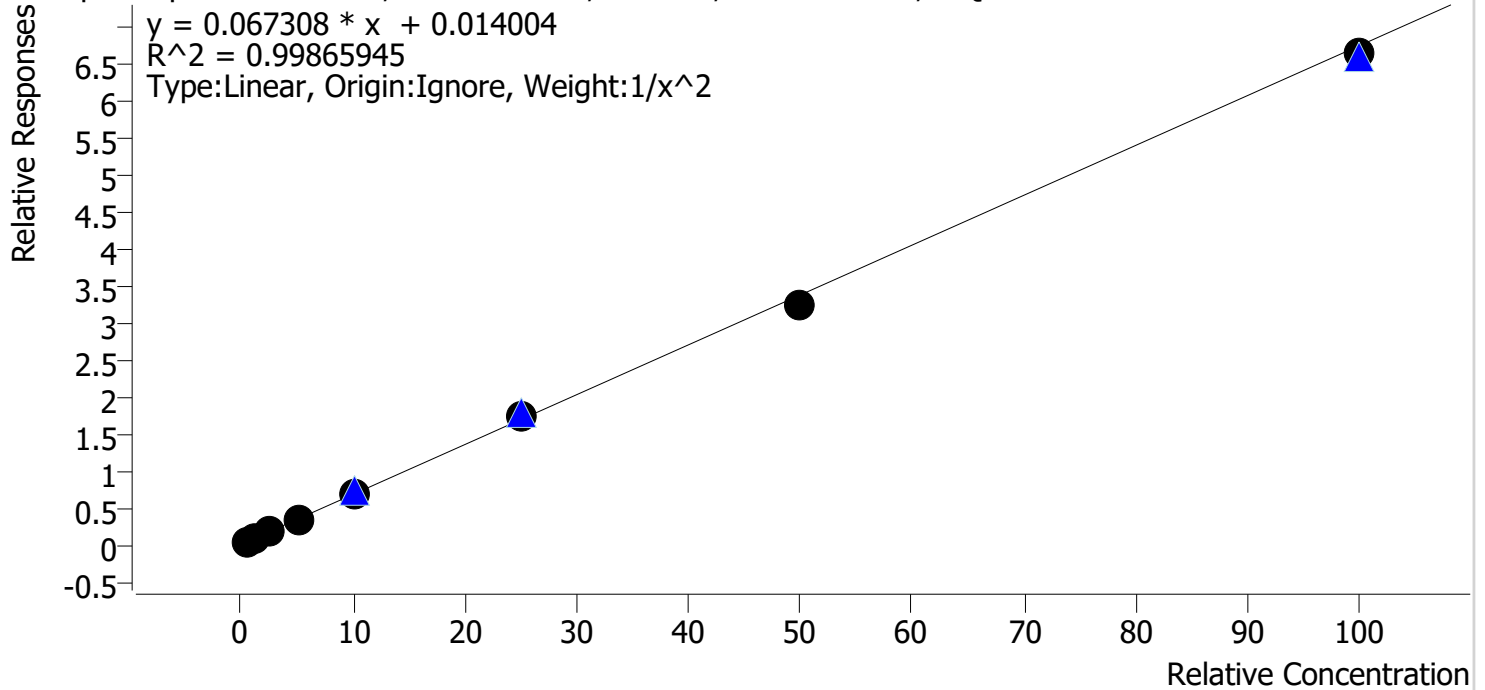
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.9 | 101.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 93.8 | 93.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 280.0 | 112.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 525.8 | 105.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 874.6 | 87.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



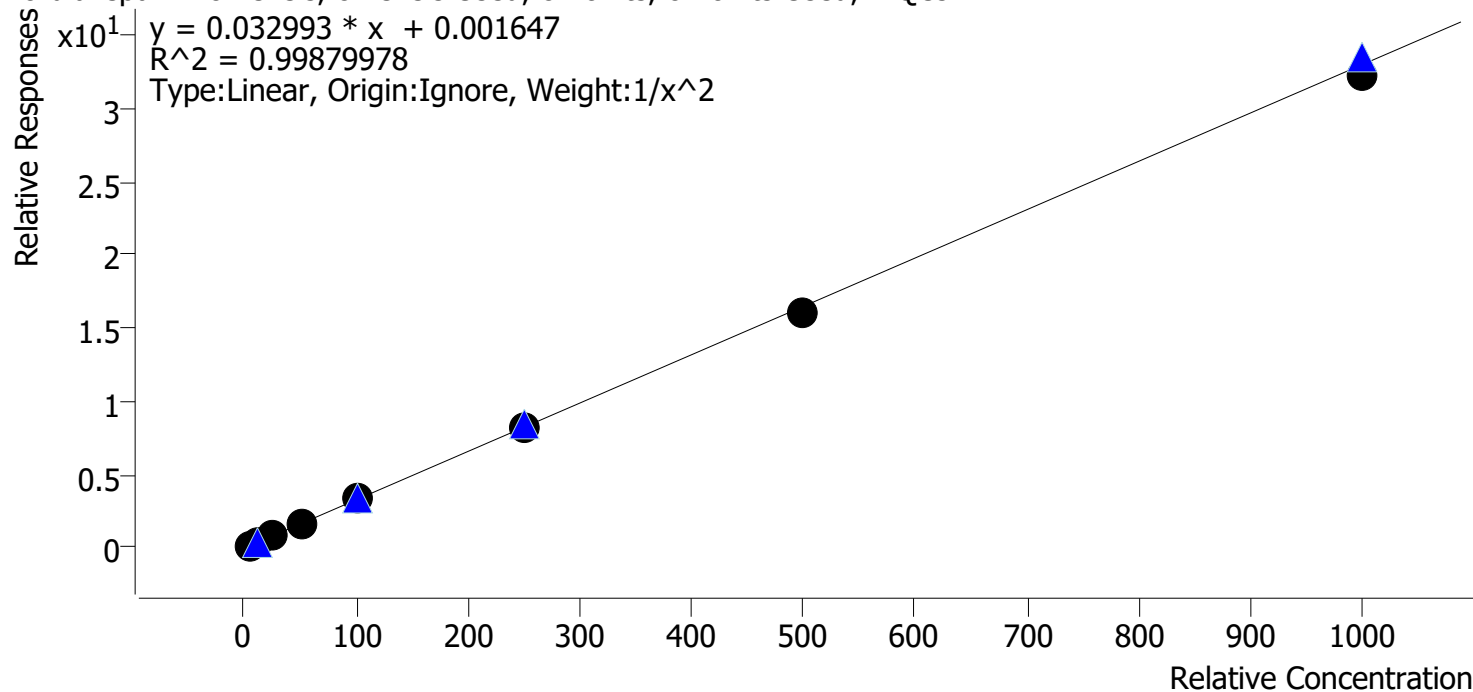
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 98.5 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 103.9 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.4 | 96.3 |
| cal 4 mdq | 4 | ✓ | 5.0 | 5.1 | 102.5 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.1 | 101.1 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.9 | 103.5 |
| cal 7 mdq | 7 | ✓ | 50.0 | 47.9 | 95.8 |
| cal 8 mdq | 8 | ✓ | 100.0 | 98.4 | 98.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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

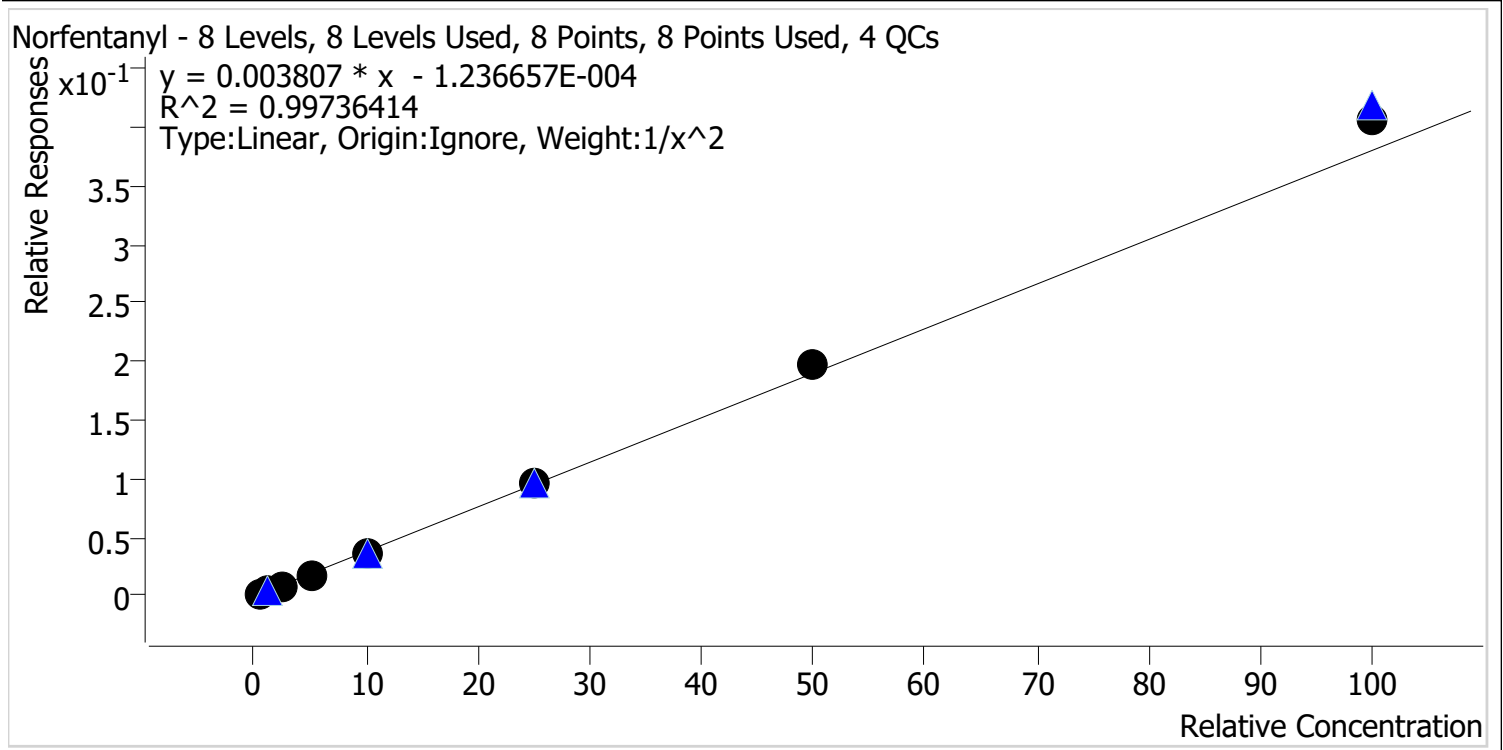


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.3 | 98.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 107.1 | 107.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.7 | 99.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 488.4 | 97.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 979.8 | 98.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



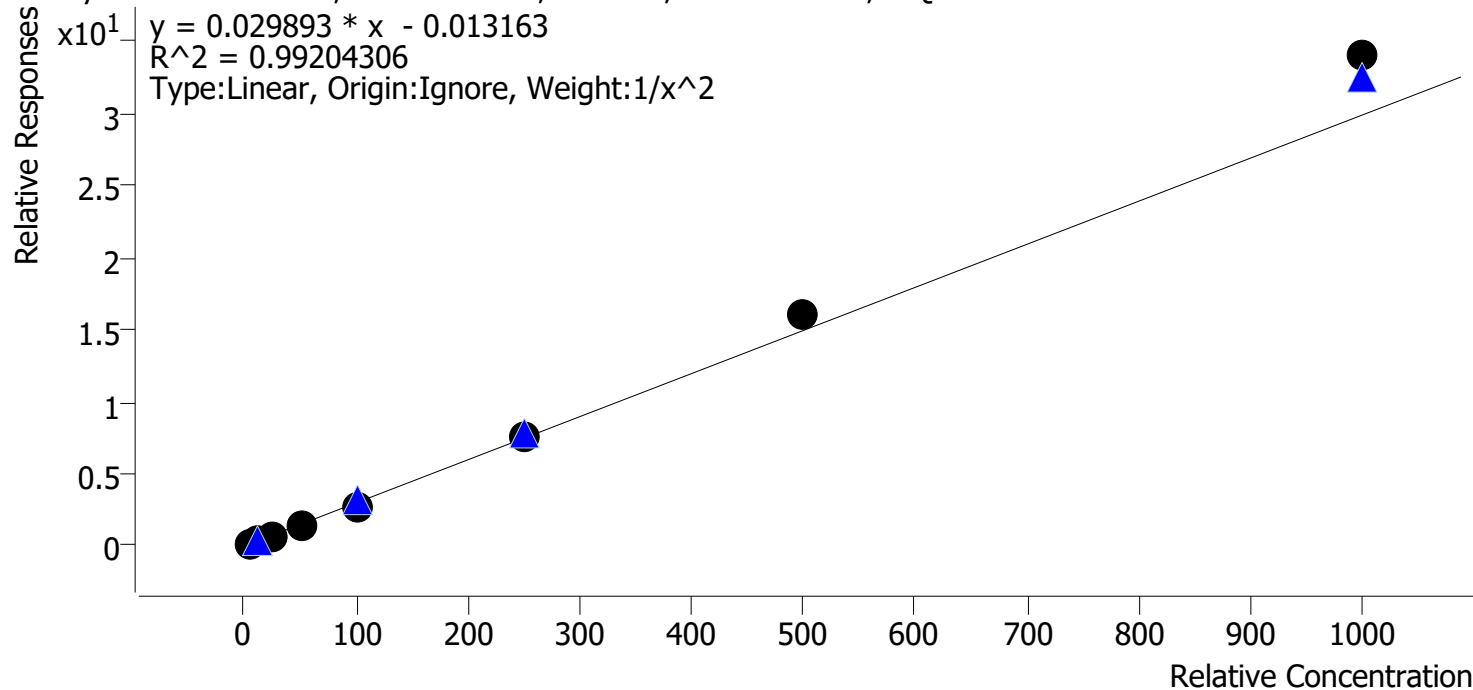
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 102.2 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 99.0 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.3 | 93.8 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.7 | 94.6 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.9 | 99.3 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.0 | 100.0 |
| cal 7 mdq | 7 | ✓ | 50.0 | 52.0 | 104.0 |
| cal 8 mdq | 8 | ✓ | 100.0 | 107.1 | 107.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

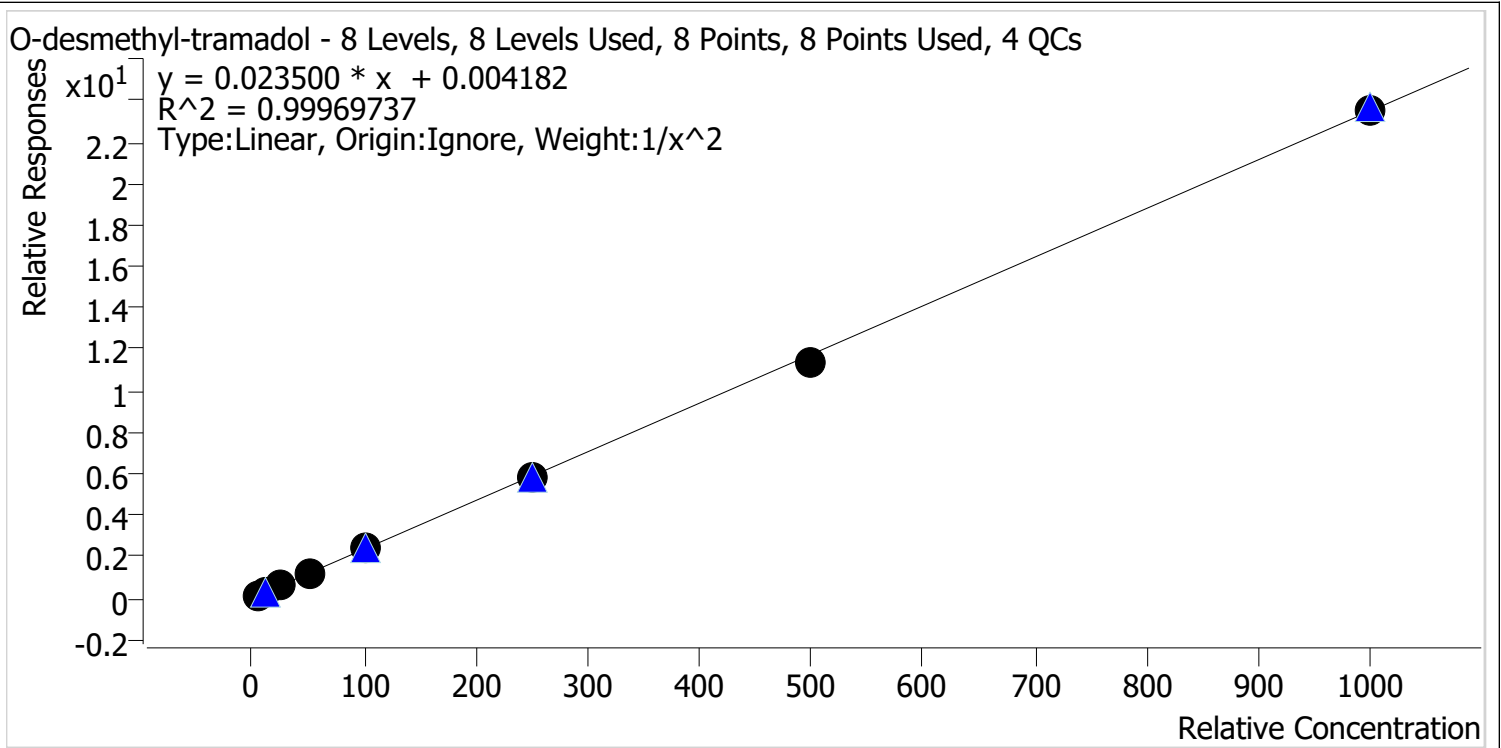


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.4 | 93.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.3 | 92.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 91.4 | 91.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.1 | 99.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 536.4 | 107.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1138.0 | 113.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



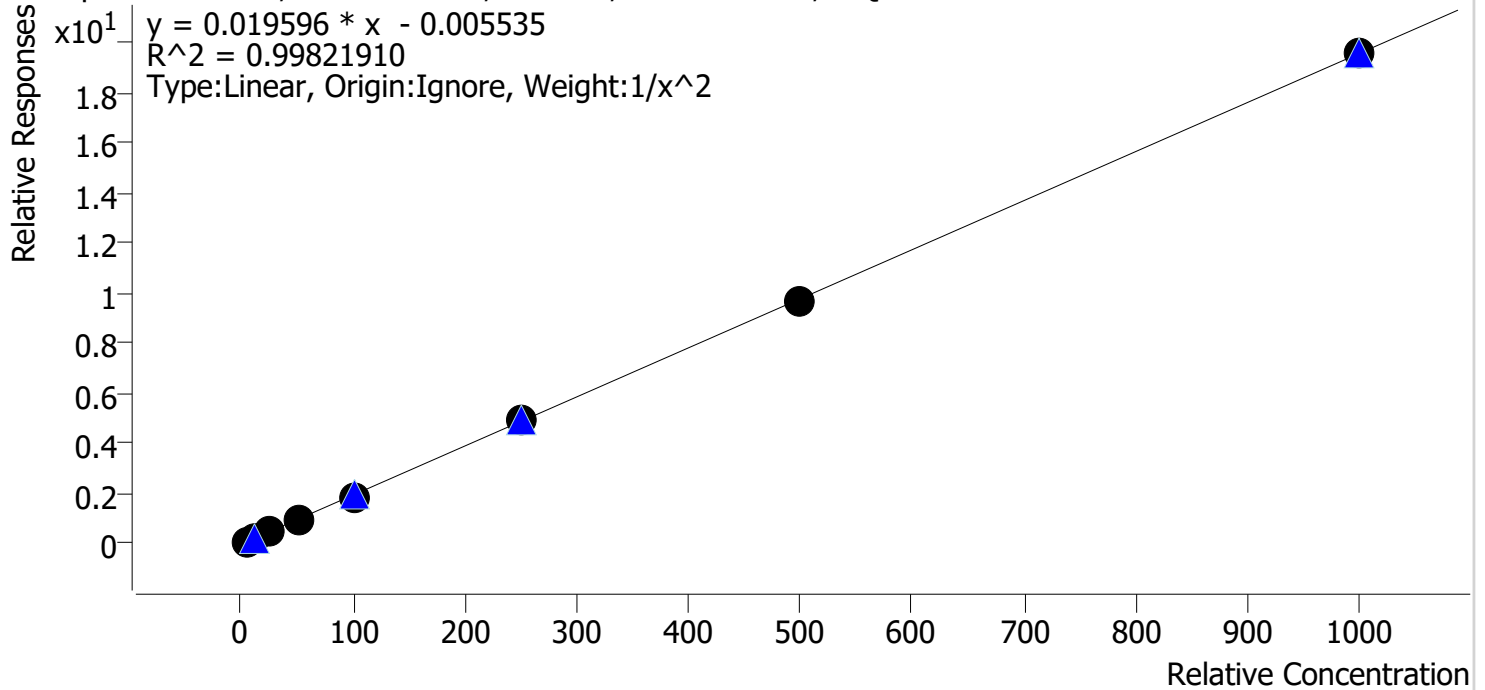
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 102.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.9 | 101.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.7 | 99.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.2 | 99.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 485.9 | 97.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1004.0 | 100.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 108.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.0 | 98.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.3 | 97.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.4 | 101.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 494.5 | 98.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 999.2 | 99.9 |

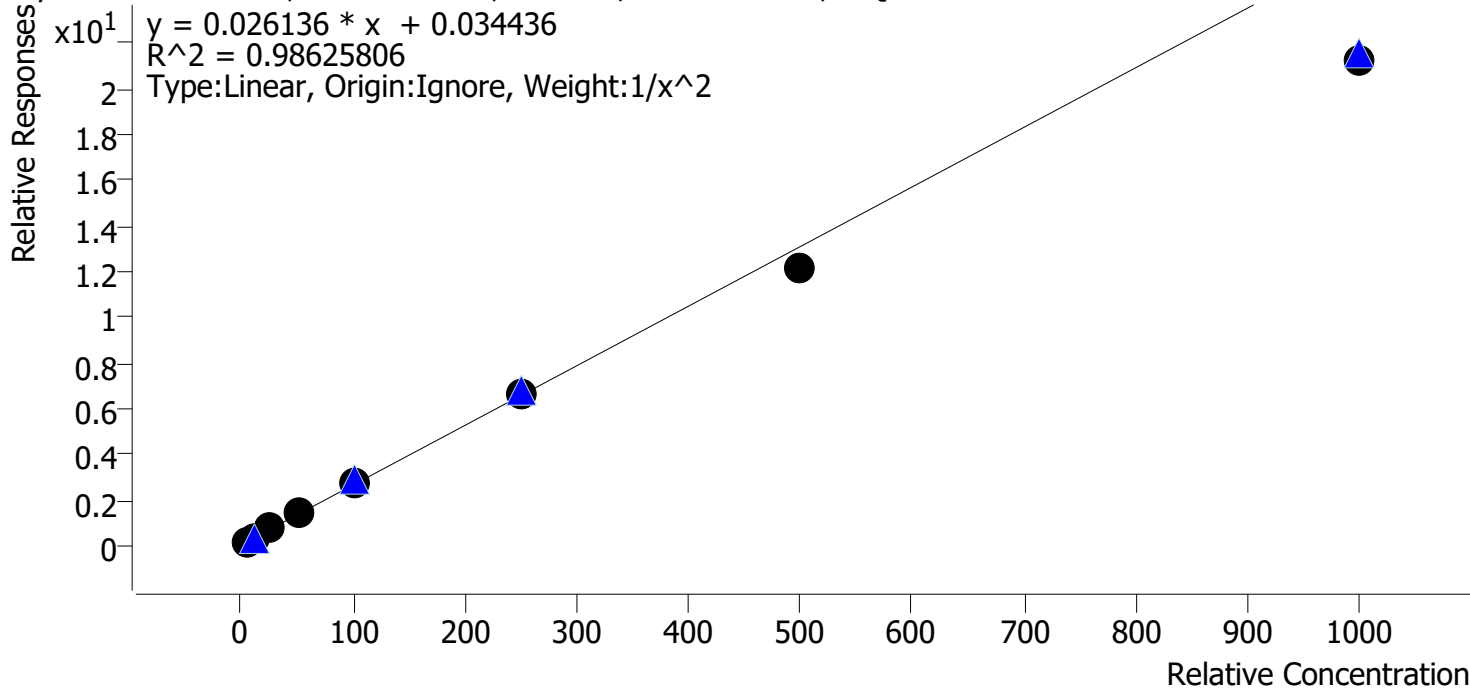
Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Oxycodone

Internal Standard Oxycodone-D6

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



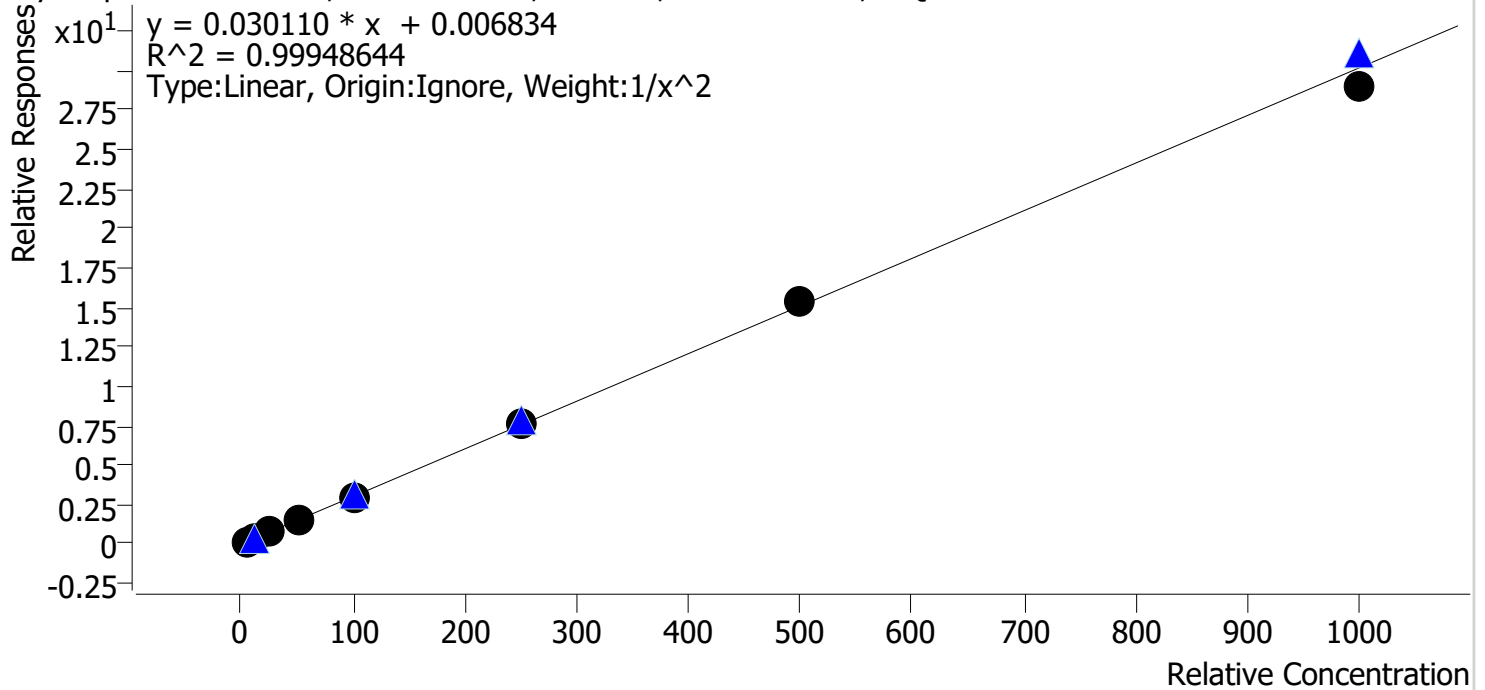
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.7 | 115.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.9 | 107.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.4 | 105.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.5 | 100.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 467.1 | 93.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 812.4 | 81.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



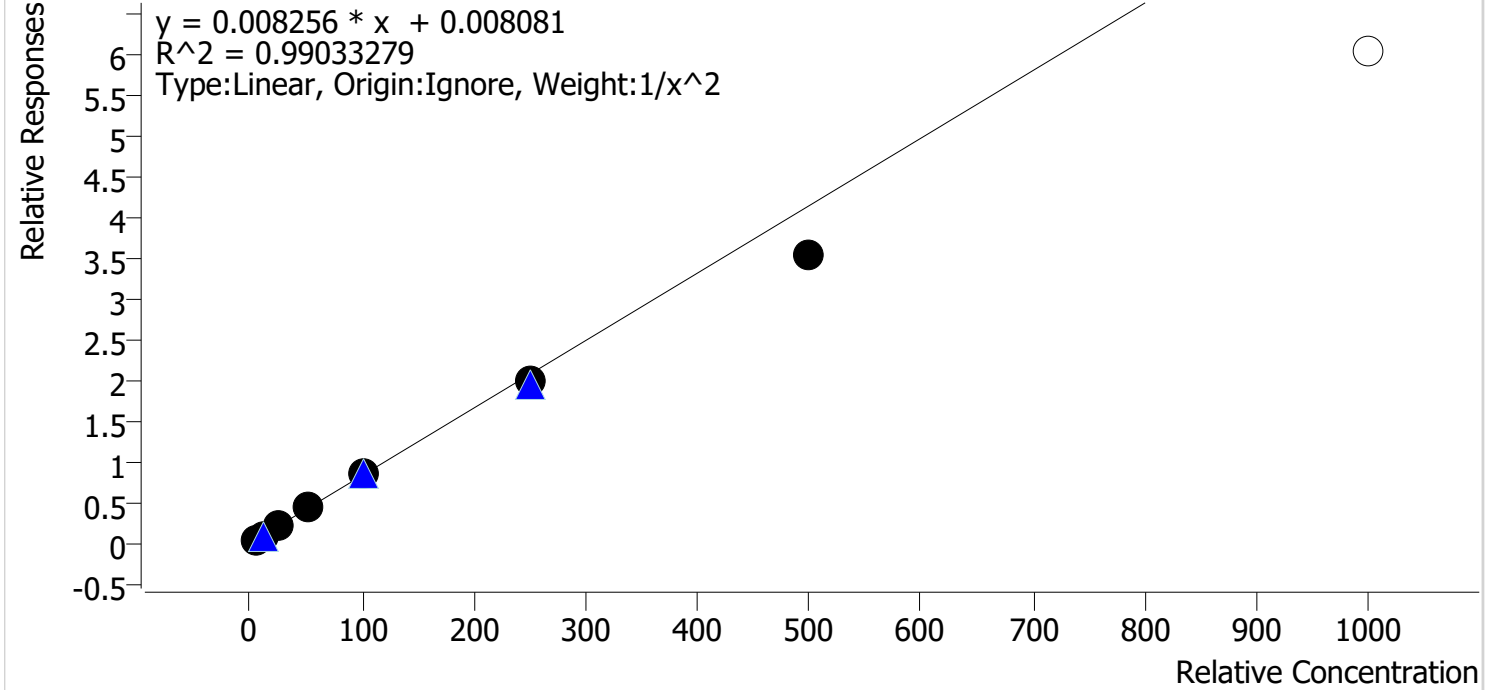
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 99.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.4 | 101.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.0 | 98.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.8 | 100.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.4 | 101.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 506.3 | 101.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 964.2 | 96.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

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



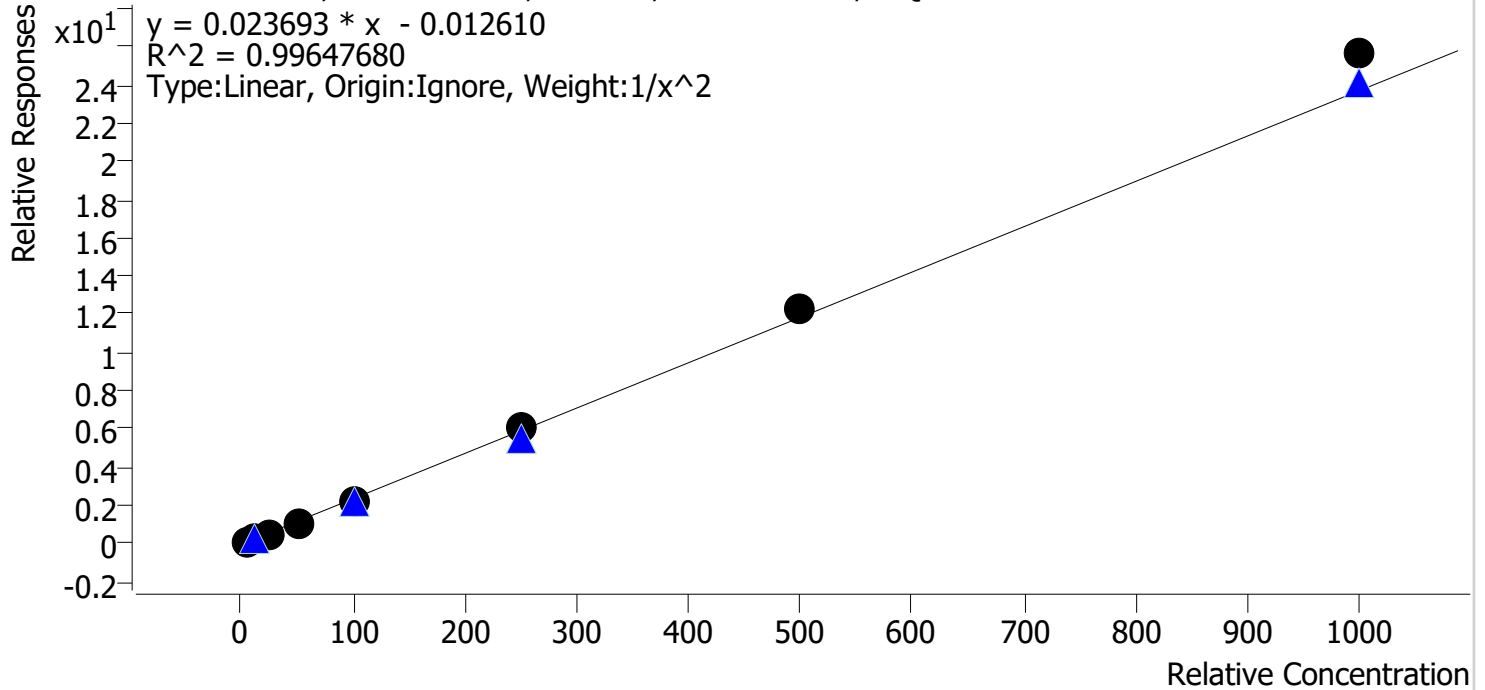
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 104.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.6 | 109.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.2 | 103.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 237.4 | 95.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 428.0 | 85.6 |
| cal 8 mdq | 8 | x | 1000.0 | 728.2 | 72.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



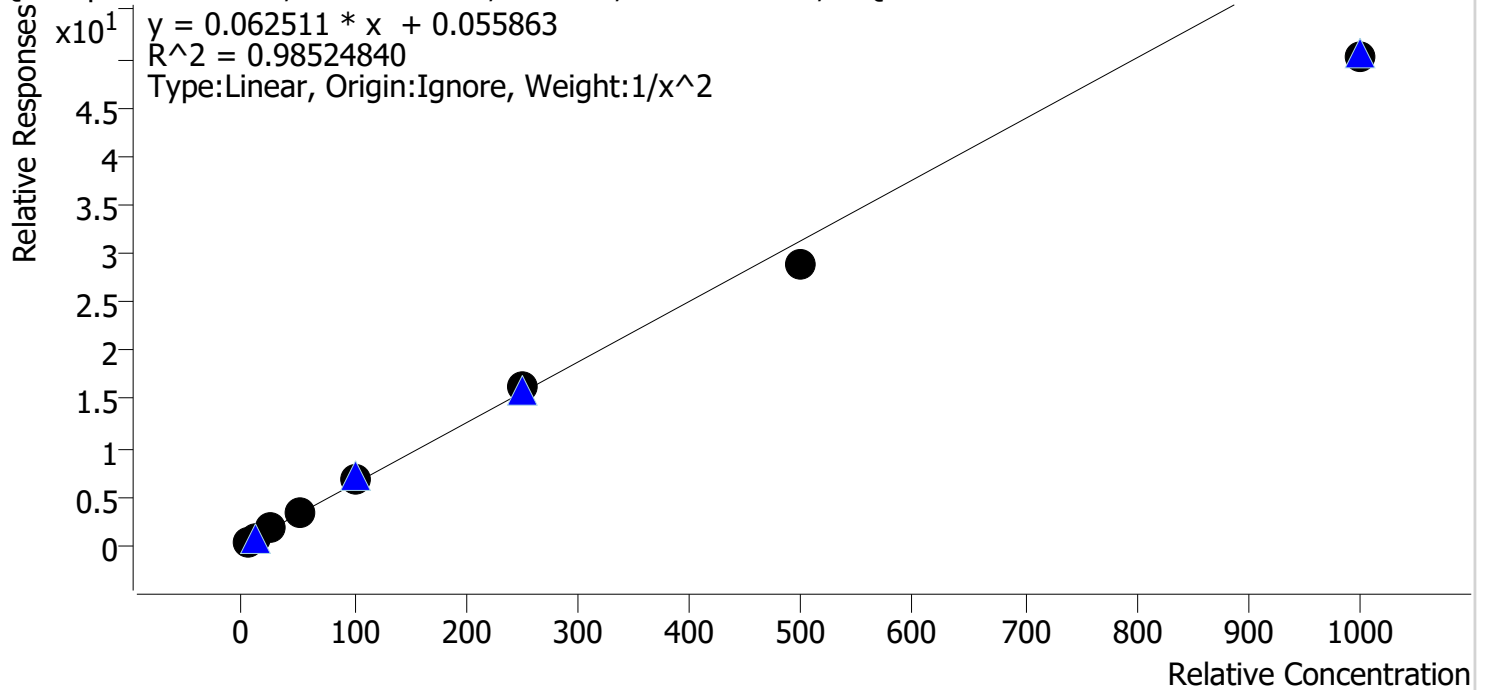
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.4 | 93.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.6 | 93.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.4 | 97.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.7 | 103.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 515.4 | 103.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1082.0 | 108.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



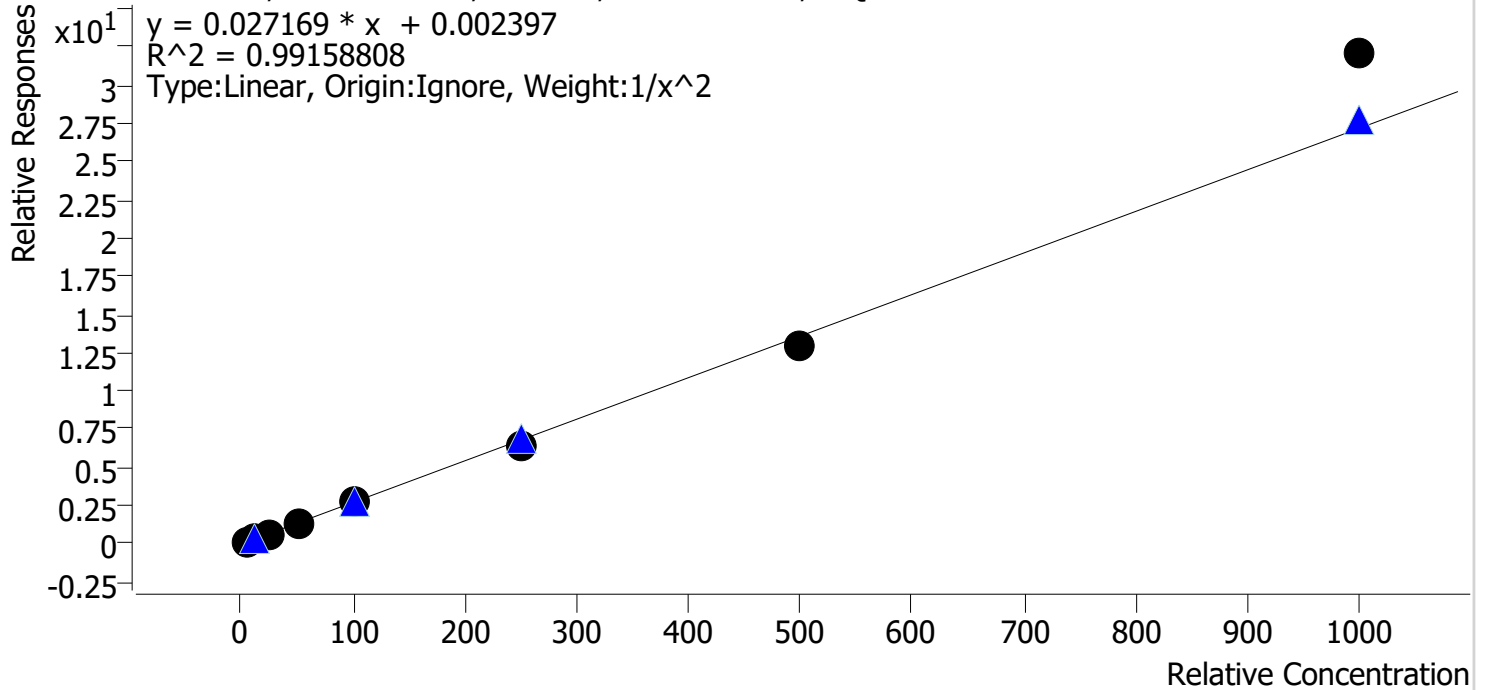
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.8 | 115.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.7 | 103.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 108.2 | 108.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 261.0 | 104.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 462.0 | 92.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 803.7 | 80.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



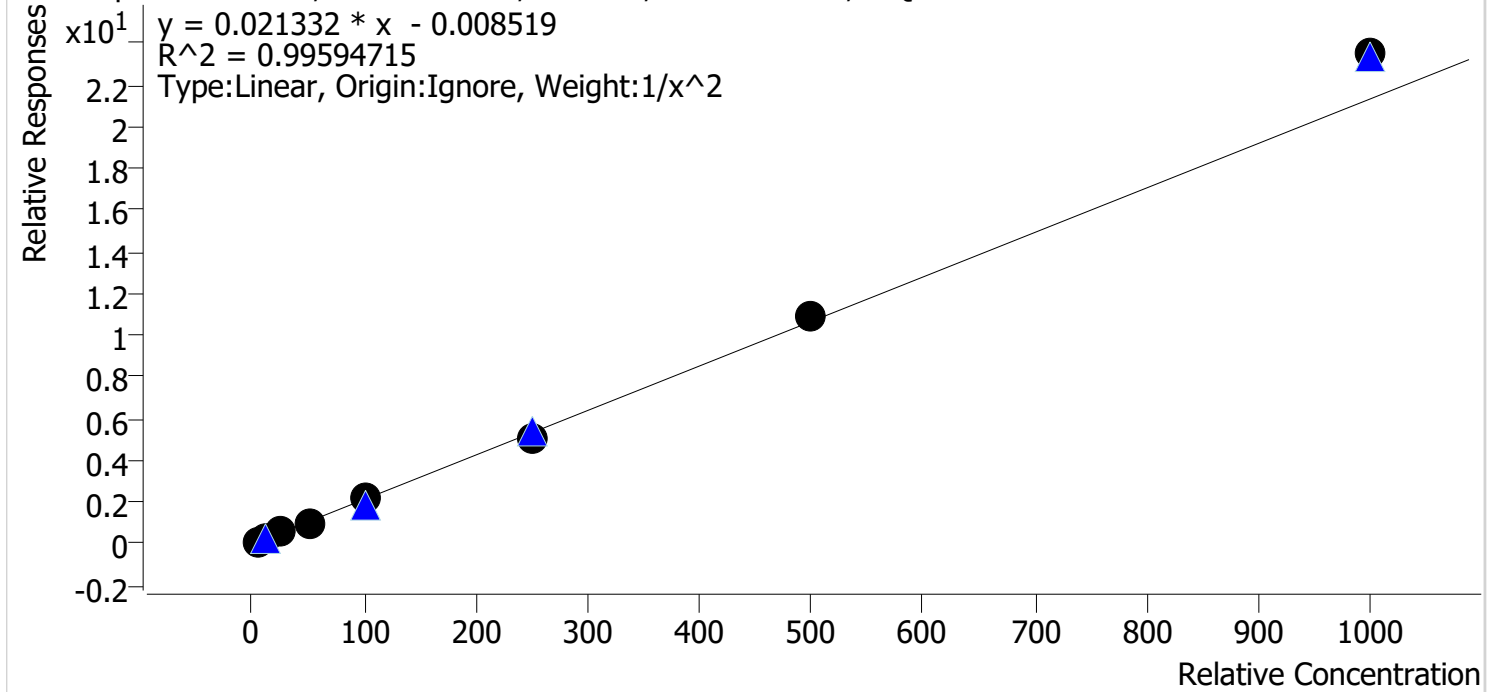
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 104.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.3 | 93.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.6 | 98.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.3 | 98.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 235.9 | 94.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 477.5 | 95.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1179.8 | 118.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

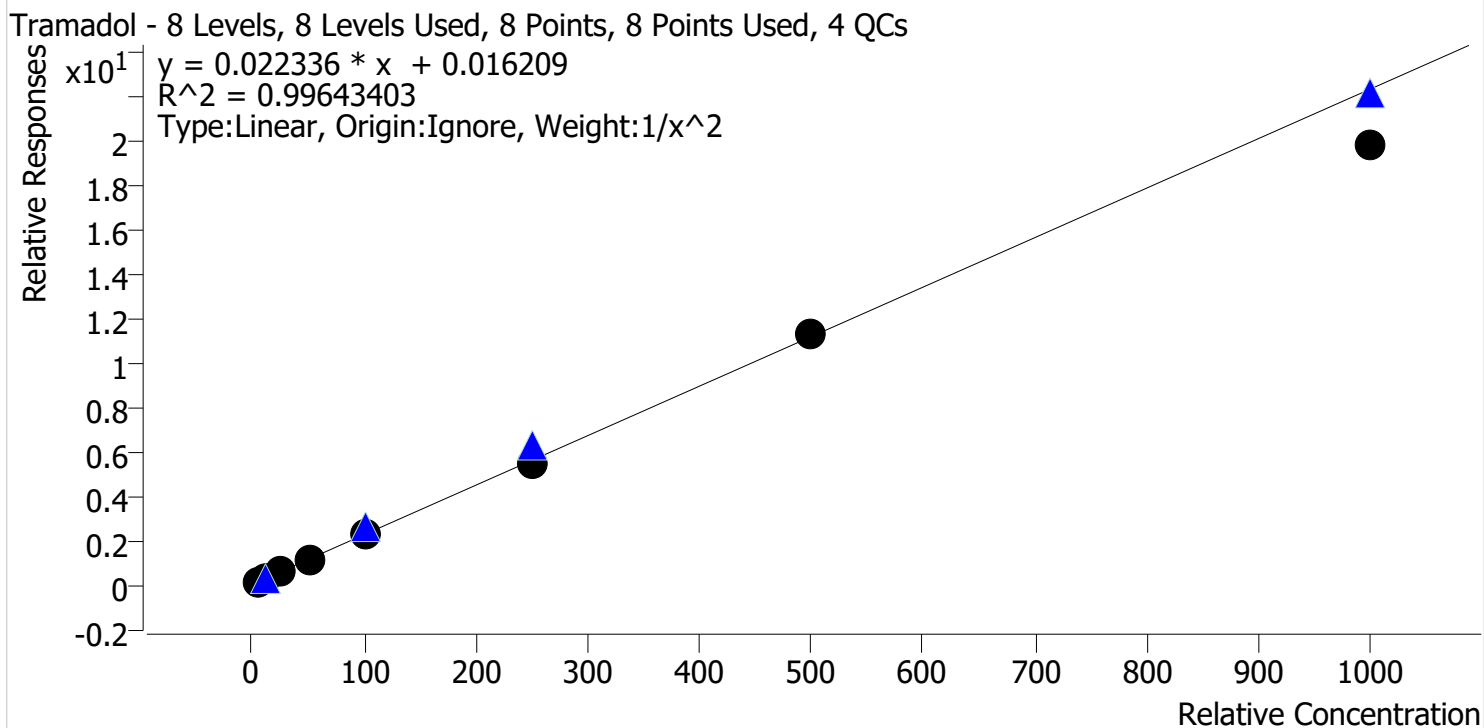


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.7 | 97.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.0 | 100.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.1 | 92.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.1 | 100.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 237.2 | 94.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 515.9 | 103.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1101.9 | 110.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



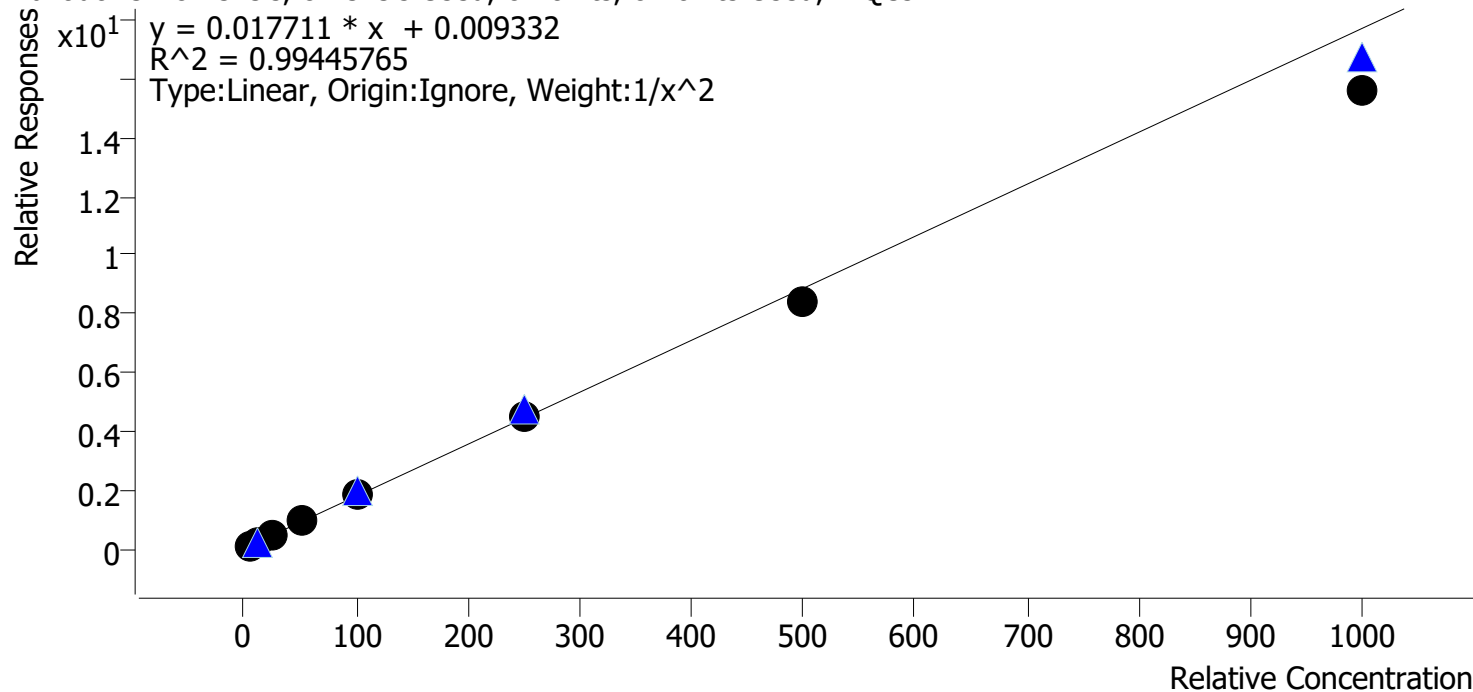
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.2 | 105.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.8 | 103.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.9 | 102.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.1 | 98.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 508.6 | 101.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 889.5 | 89.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



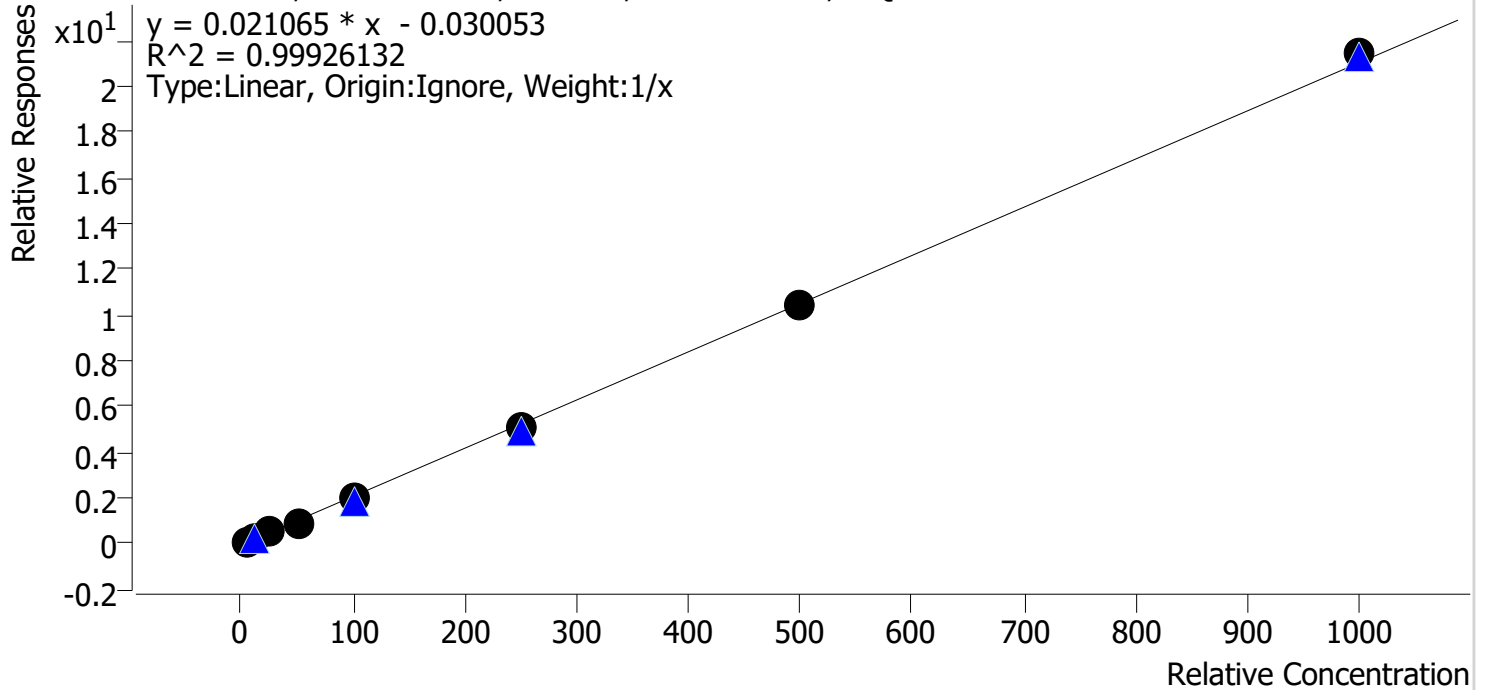
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.4 | 106.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.5 | 103.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.3 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 471.4 | 94.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 883.9 | 88.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

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



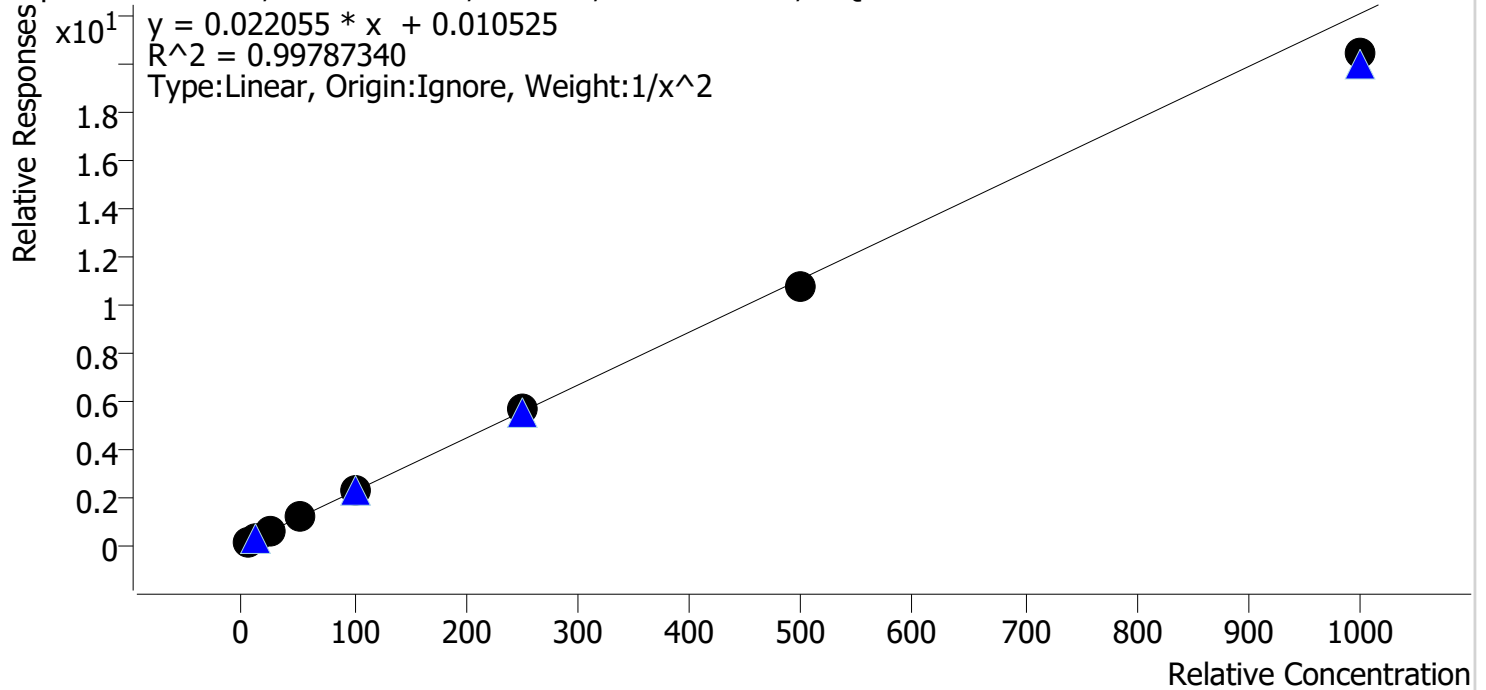
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.8 | 115.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.9 | 95.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.4 | 92.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.9 | 94.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 242.3 | 96.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 497.6 | 99.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1018.9 | 101.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



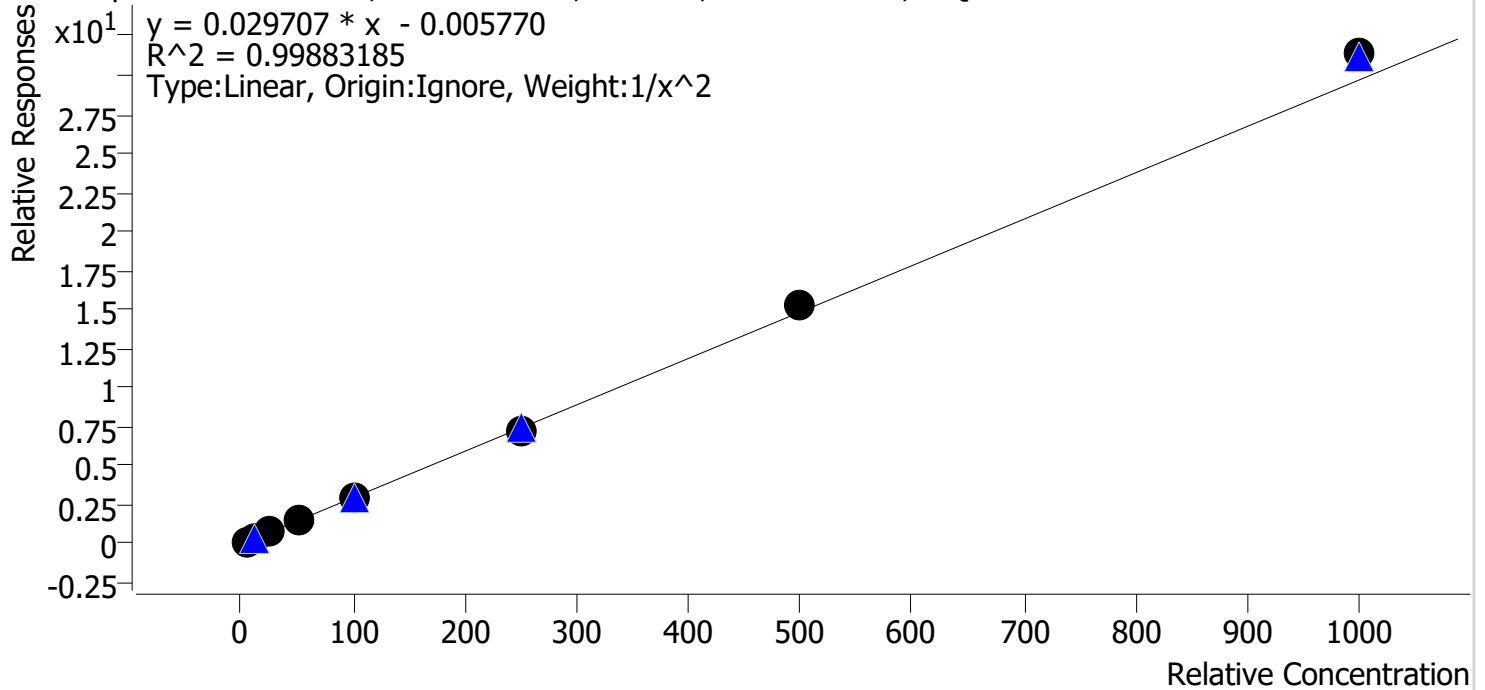
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.4 | 102.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.2 | 104.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 256.4 | 102.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 483.8 | 96.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 924.5 | 92.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



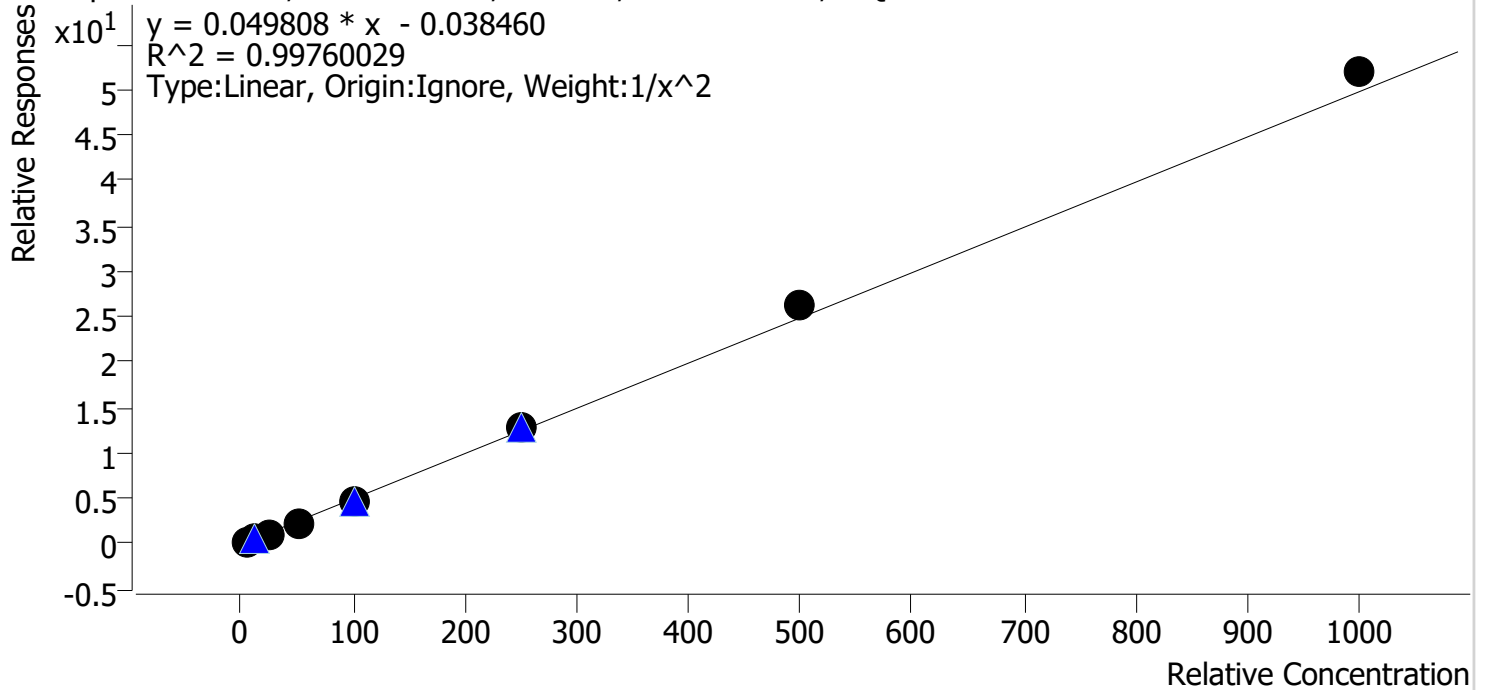
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.2 | 96.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.6 | 98.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.1 | 98.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 512.2 | 102.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1056.9 | 105.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-d8

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



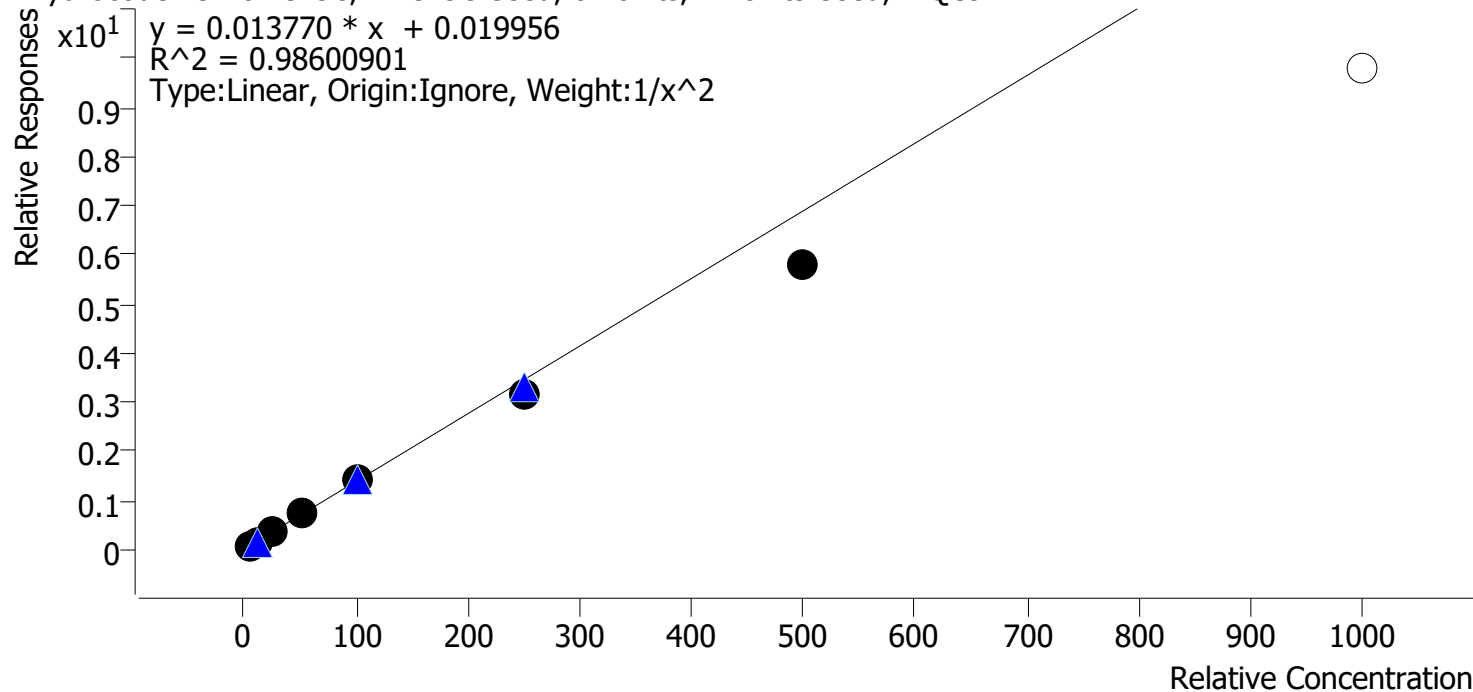
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.5 | 93.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.3 | 94.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.5 | 97.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.5 | 101.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 525.1 | 105.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1047.7 | 104.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



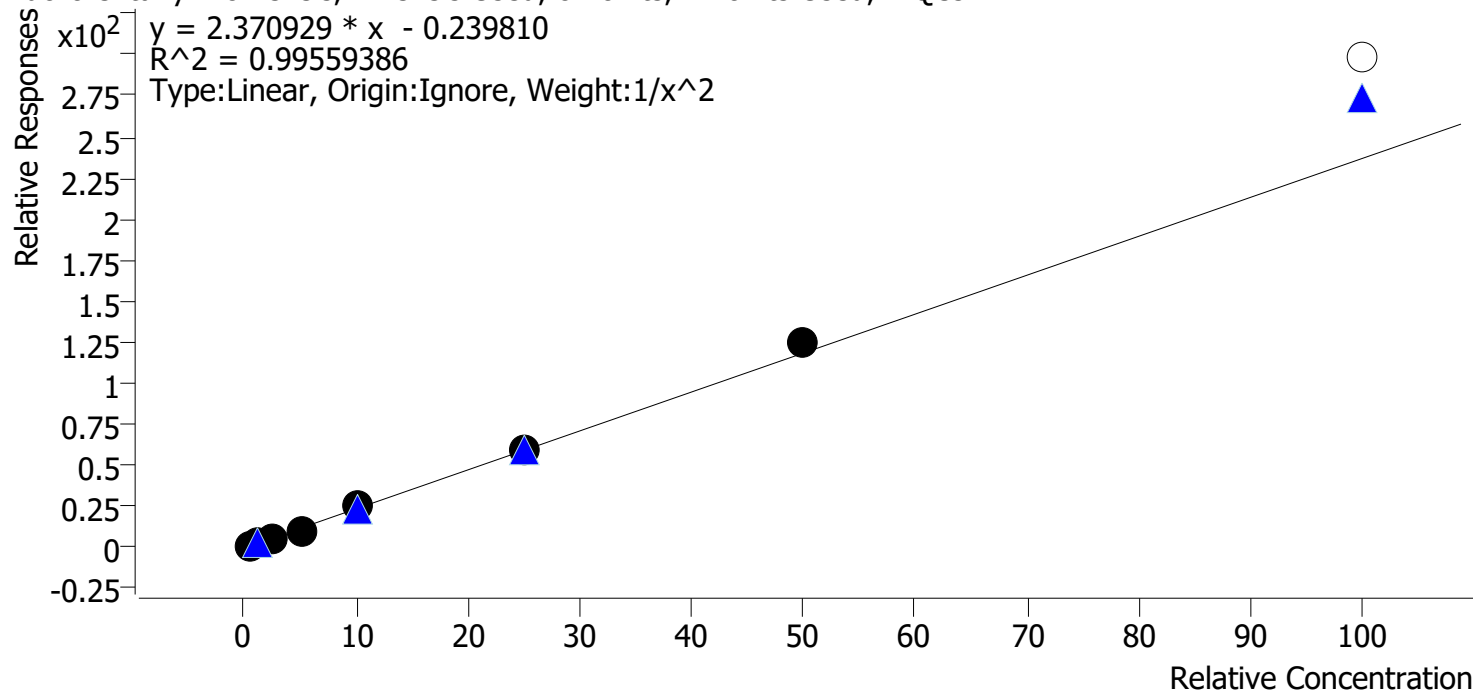
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.6 | 105.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.0 | 112.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.9 | 107.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.1 | 104.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 231.1 | 92.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 419.4 | 83.9 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 713.0 | 71.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

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



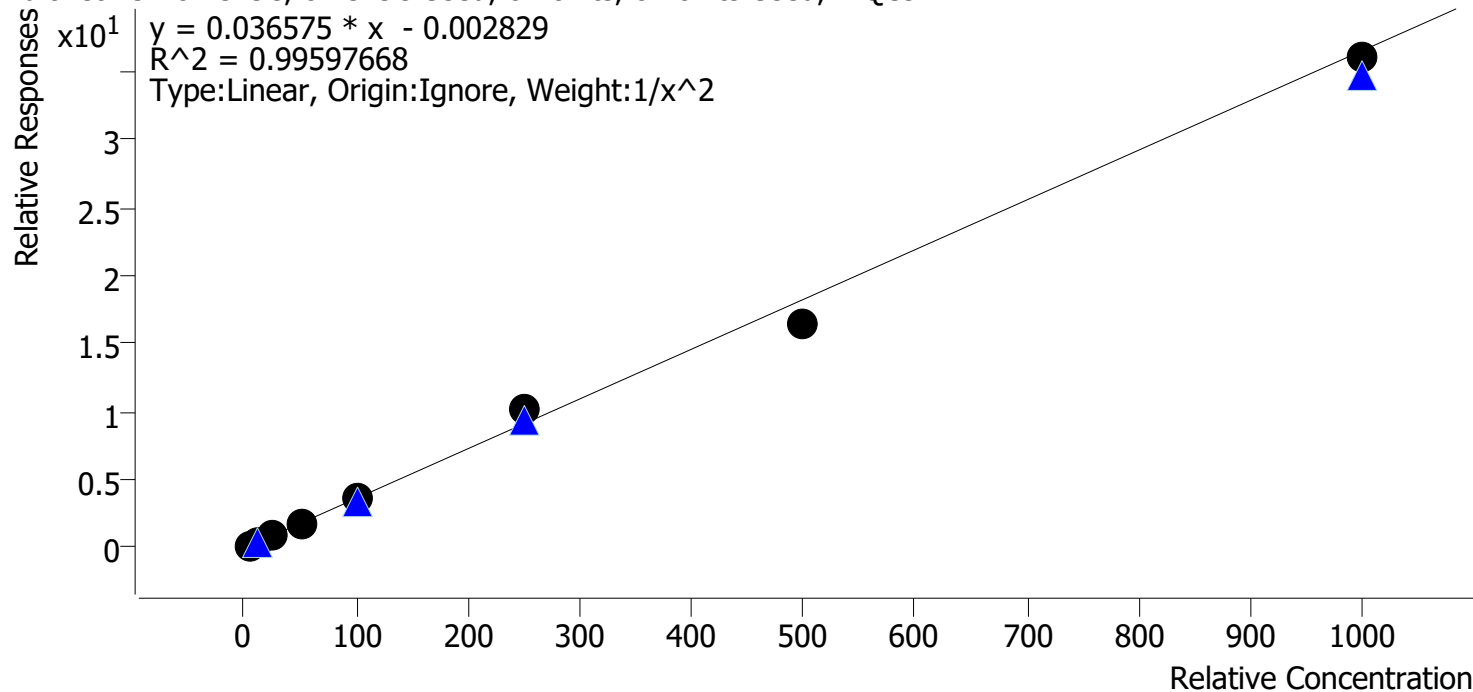
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 103.1 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 95.5 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 98.2 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.6 | 91.6 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.7 | 106.6 |
| cal 6 mdq | 6 | ✓ | 25.0 | 24.7 | 98.8 |
| cal 7 mdq | 7 | ✓ | 50.0 | 53.1 | 106.3 |
| cal 8 mdq | 8 | ✗ | 100.0 | 125.9 | 125.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-d3

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.5 | 101.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.2 | 100.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 276.7 | 110.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 451.8 | 90.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 986.1 | 98.6 |

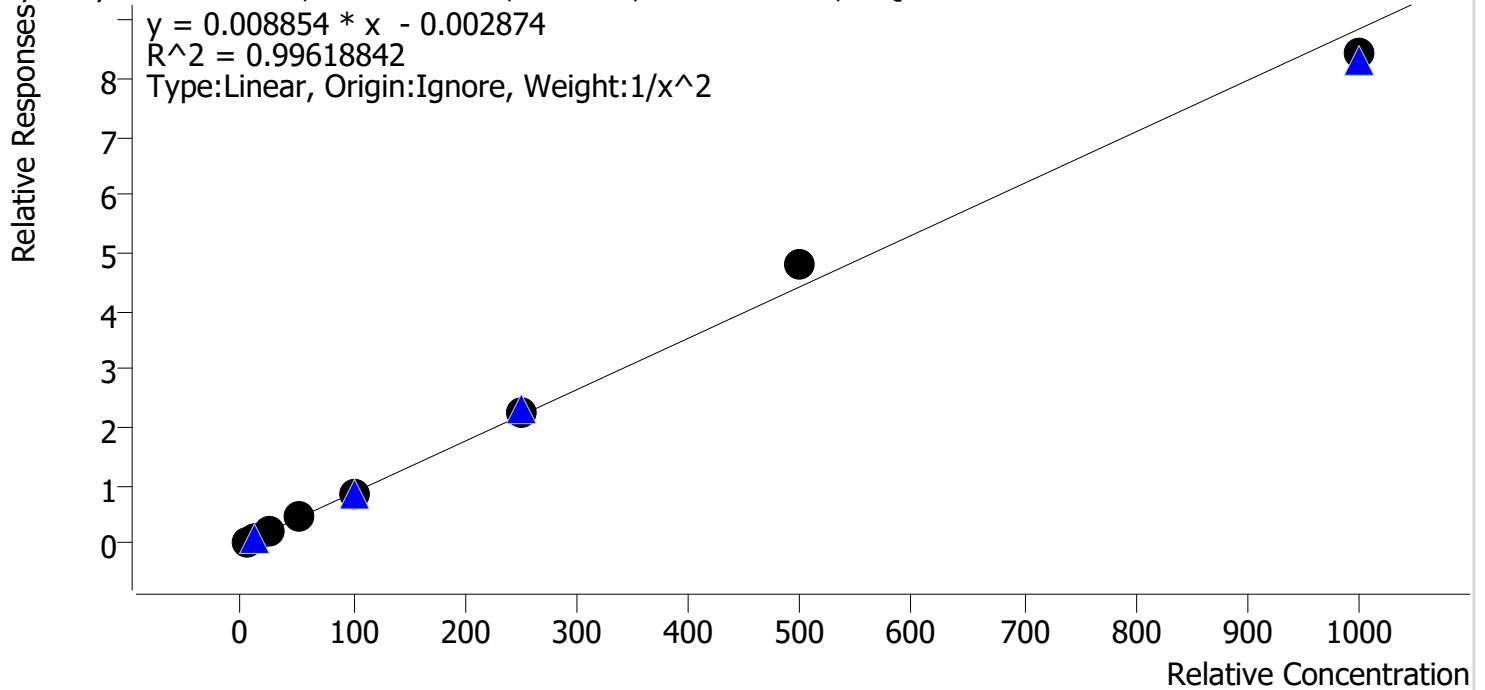
Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine

Internal Standard Pseudoephedrine-D3

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



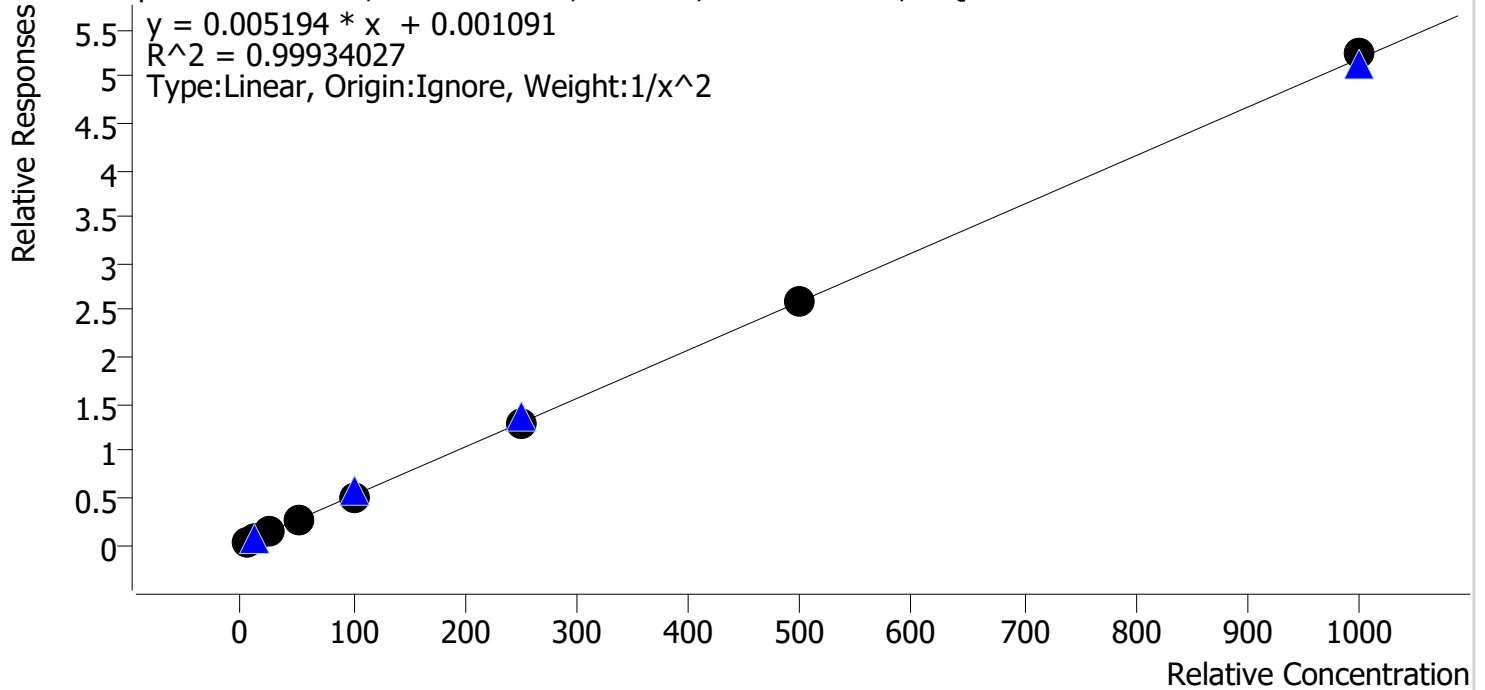
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 22.7 | 90.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.6 | 101.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.3 | 99.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.6 | 101.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 545.0 | 109.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 952.2 | 95.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-d5

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



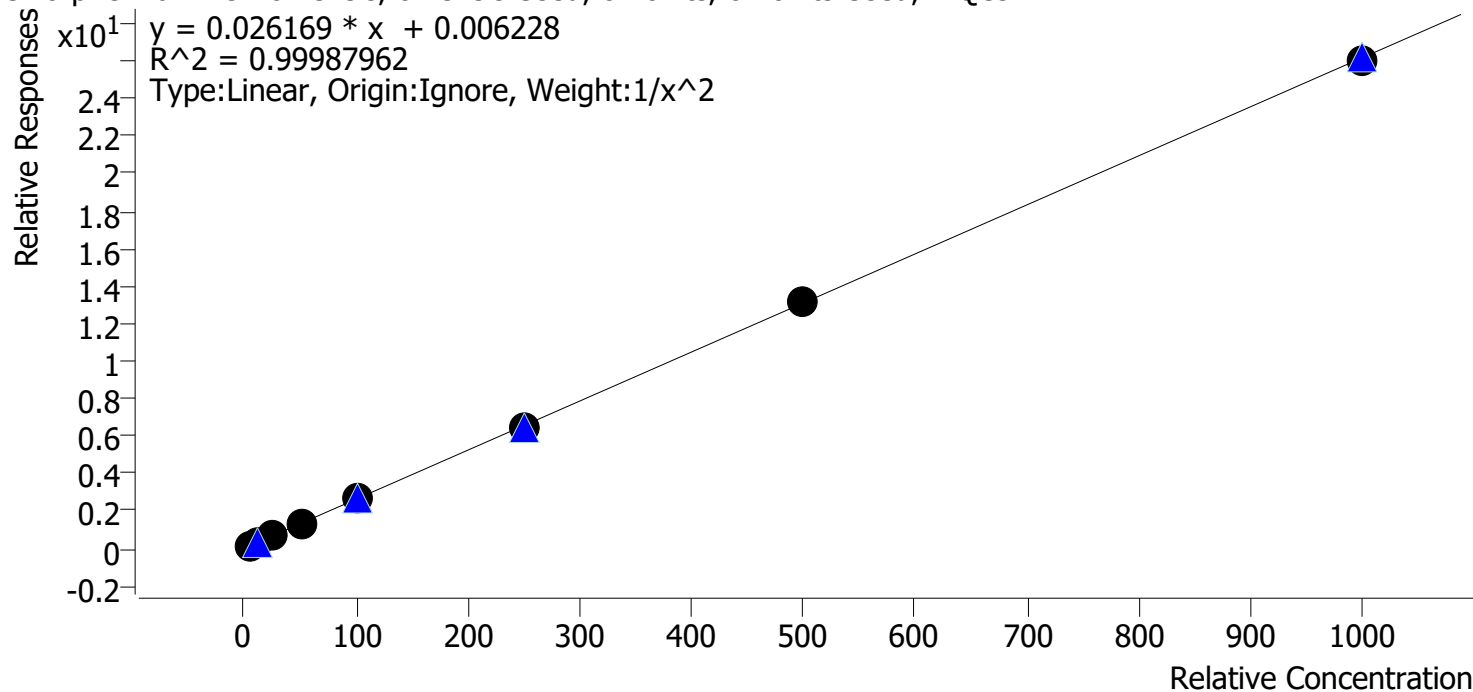
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.2 | 100.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.5 | 95.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.2 | 100.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 503.3 | 100.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1010.6 | 101.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-d6

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

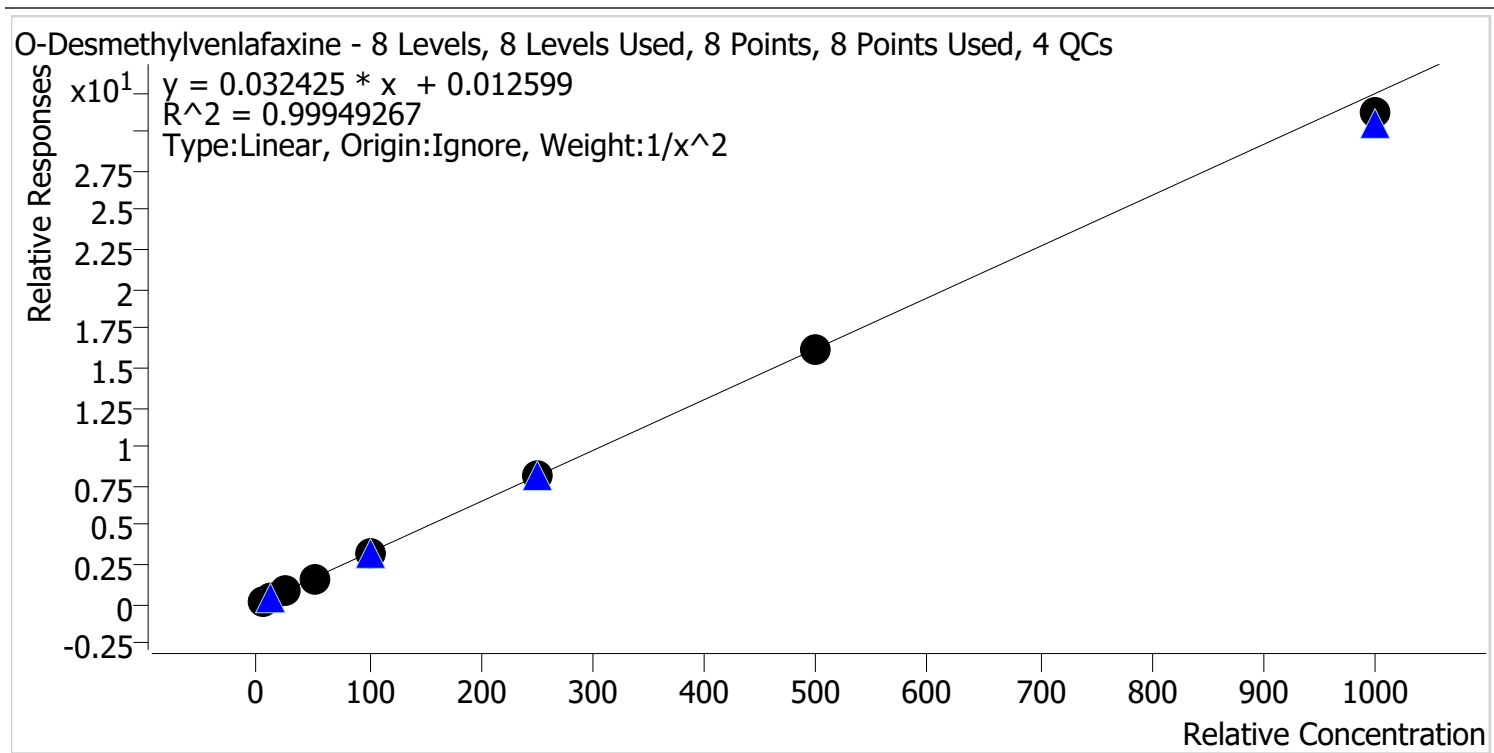


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.4 | 101.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.1 | 100.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.6 | 98.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.4 | 100.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 990.9 | 99.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Last Cal. Update 6/29/2023 11:10 AM
Analyst Name ISP\datastor
Analyte O-Desmethylvenlafaxine **Internal Standard** O-Desmethylvenlafaxine-d6



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.7 | 102.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.1 | 100.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.9 | 101.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 498.8 | 99.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 961.9 | 96.2 |

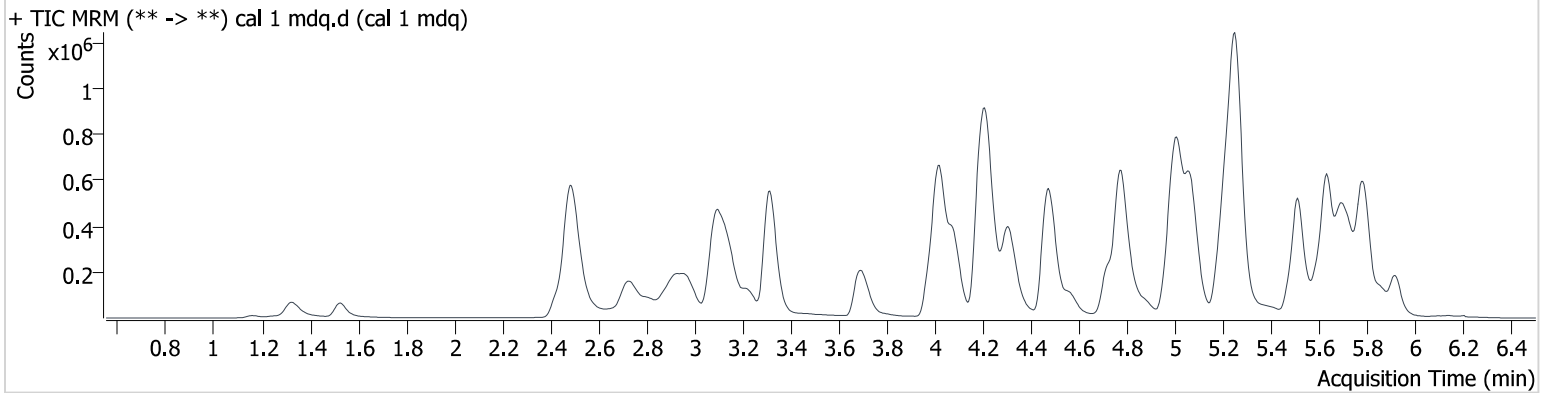
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Cal
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-A5
Injection Volume 3
Acq. Date-Time 6/28/2023 11:38:59 AM
Sample Info.

Data File cal 1 mdq.d
Sample cal 1 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|--------|----------|------------|-------------|
| 6-MAM | 3.082 | 2184 | 12005.5 | 132.24 | 6771.6 | 101363 | 0.513 ng/ml |
| 7-aminoclonazepam | 4.206 | 28068 | 2667.9 | 111.06 | 2715.9 | 270167 | 4.810 ng/ml |
| a-hydroxyalprazolam | 5.655 | 8594 | ∞ | 70.36 | 290206.9 | 423559 | 5.049 ng/ml |
| alpha-PHP | 4.884 | 39320 | 3881.6 | 255.27 | 5943.2 | 938791 | 5.008 ng/ml |
| alpha-PVP | 4.316 | 127629 | 73443.1 | 54.66 | 2714.9 | 938791 | 5.085 ng/ml |
| Alprazolam | 5.739 | 84094 | 1697.7 | 90.26 | 5030.9 | 359308 | 5.123 ng/ml |
| Amphetamine | 2.974 | 83773 | 2240.5 | 286.39 | 3776.7 | 444879 | 4.700 ng/ml |
| Benzoylcegonine | 3.822 | 3492 | 94.8 | 50.35 | 84.5 | 21294 | 5.177 ng/ml |
| Buprenorphine | 5.633 | 4910 | 718.1 | 14.44 | 195.7 | 136940 | 0.496 ng/ml |
| Bupropion | 4.735 | 115043 | 7519.9 | 76.86 | 2523.5 | 644213 | 4.982 ng/ml |
| Carisoprodol | 5.695 | 52157 | 213926.9 | 61.60 | 573.3 | 333552 | 4.883 ng/ml |
| Chlordiazepoxide | 5.802 | 16862 | 113.1 | 128.84 | 469.5 | 632111 | 4.926 ng/ml |
| Chlorpheniramine | 5.068 | 207418 | 39549.2 | 0.30 | 196.7 | 1513708 | 4.998 ng/ml |
| Citalopram | 5.190 | 115617 | 3486.4 | 38.79 | 179354.2 | 792878 | 4.997 ng/ml |
| Clonazepam | 5.572 | 35927 | 1664.8 | 32.21 | 33686.5 | 122432 | 4.906 ng/ml |
| Clonazolam | 5.518 | 42058 | 2220.3 | 37.99 | 8653.0 | 214762 | 4.700 ng/ml |
| Cocaine | 4.220 | 97241 | 2373.0 | 49.58 | 15614.7 | 1482405 | 5.062 ng/ml |
| Codeine | 2.503 | 14828 | 6156.1 | 88.20 | 1177.6 | 102974 | 4.692 ng/ml |
| Cyclobenzaprine | 5.600 | 88941 | 17714.3 | 9.01 | 781.5 | 513748 | 5.062 ng/ml |
| Dextromethorphan | 5.229 | 74359 | 3409932.1 | 71.94 | ∞ | 649998 | 4.921 ng/ml |
| Dextrorphan | 4.080 | 97691 | 1034207.2 | 45.44 | ∞ | 907884 | 5.589 ng/ml |
| Diazepam | 5.922 | 48465 | 6513.8 | 87.80 | 3889.9 | 360017 | 4.995 ng/ml |
| Dihydrocodeine | 2.467 | 36125 | 364.2 | 59.46 | 1860.0 | 426655 | 4.700 ng/ml |
| Diphenhydramine | 5.260 | 383377 | ∞ | 32.26 | 14388.9 | 2749782 | 5.149 ng/ml |
| Doxylamine | 4.487 | 299688 | 158634.0 | 93.66 | ∞ | 1713116 | 4.928 ng/ml |
| Duloxetine | 5.631 | 10284 | 107.0 | 10.05 | 22.3 | 56794 | 5.028 ng/ml |
| EDDP | 5.223 | 135867 | ∞ | 41.53 | 6590.7 | 1212378 | 5.058 ng/ml |
| Etizolam | 5.779 | 7253 | 640.3 | 390.80 | 20502.8 | 360017 | 4.938 ng/ml |
| Fentanyl | 5.041 | 9274 | 642.3 | 121.48 | 7635.7 | 786802 | 0.515 ng/ml |
| Flualprazolam | 5.671 | 27502 | ∞ | 96.59 | ∞ | 214762 | 4.709 ng/ml |
| Fluorofentanyl | 5.092 | 7536 | ∞ | 120.19 | 10.2 | 7670 | 0.515 ng/ml |
| Fluoxetine | 5.693 | 72521 | 4541.9 | 6.67 | 11850.0 | 461104 | 5.090 ng/ml |
| Hydrocodone | 2.951 | 48448 | 1664.7 | 36.83 | 461.7 | 476604 | 4.843 ng/ml |



AM #28 Multi-Drug Quant. Results

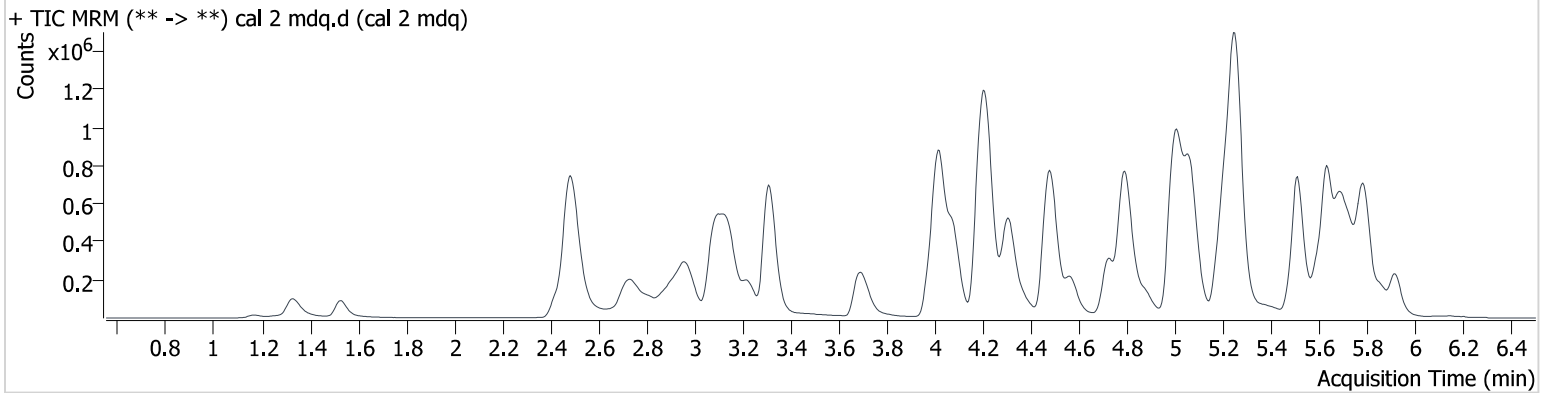
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|----------|--------|----------------------|------------|-------------|
| Hydromorphone | 1.532 | 29440 | 5835.9 | 71.82 | 2154.7 | 178963 | 5.028 ng/ml |
| Hydroxyzine | 5.675 | 84556 | 608.9 | 115.04 | 763.3 | 2044081 | 4.997 ng/ml |
| Ketamine | 3.994 | 105299 | 15456.0 | 36.72 | 1688.7 | 708060 | 4.816 ng/ml |
| Lamotrigine | 4.233 | 8179 | 515.3 | 105.05 | 4435.4 | 574140 | 4.840 ng/ml |
| Lorazepam | 5.718 | 22235 | 1323.2 | 46.41 | 311.8 | 423559 | 5.257 ng/ml |
| MDA | 3.137 | 123341 | 53123.4 | 28.90 | 2844746111 0218.7 | 574140 | 4.731 ng/ml |
| MDMA | 3.228 | 81090 | 107037.0 | 112.81 | 21581.5 | 191198 | 5.090 ng/ml |
| Meprobamate | 4.854 | 39605 | 4980.9 | 32.81 | 585.5 | 208664 | 4.658 ng/ml |
| Methadone | 5.635 | 189092 | 497203.0 | 50.01 | 4552492.0 | 1154059 | 5.025 ng/ml |
| Methamphetamine | 3.153 | 298380 | 2358.5 | 40.66 | 5550.8 | 1432337 | 4.710 ng/ml |
| Metoprolol | 4.283 | 28692 | 220122.1 | 97.06 | 29104.9 | 574140 | 5.048 ng/ml |
| Mirtazapine | 4.564 | 178809 | 45361.5 | 48.82 | 119470.8 | 799366 | 4.938 ng/ml |
| Mitragynine | 5.173 | 33768 | 94452.3 | 31.01 | 23358.0 | 2044081 | 5.205 ng/ml |
| Morphine | 1.166 | 3832 | 250.2 | 20.47 | 113.7 | 9065 | 5.032 ng/ml |
| Norbuprenorphine | 4.958 | 1146 | 6800.2 | 107.42 | 1485.7 | 24304 | 0.492 ng/ml |
| Nordiazepam | 5.866 | 35966 | ∞ | 62.76 | 4104.0 | 214762 | 5.026 ng/ml |
| Norfentanyl | 4.045 | 2441 | 128.3 | 269.53 | 143.4 | 1339551 | 0.511 ng/ml |
| Noroxycodone | 2.839 | 29346 | 1236.5 | 52.13 | 451.4 | 208314 | 5.153 ng/ml |
| O-desmethyl-tramadol | 3.319 | 216150 | 87583.7 | 6.59 | 575.9 | 1781098 | 4.986 ng/ml |
| O-Desmethylvenlafaxine | 4.028 | 66143 | 602.3 | 236.42 | 5148.3 | 383119 | 4.936 ng/ml |
| Olanzapine | 4.353 | 63631 | 935.1 | 46.19 | 2123.4 | 298201 | 5.056 ng/ml |
| Oxazepam | 5.720 | 37558 | 1849.2 | 77.58 | 1366.9 | 423559 | 4.807 ng/ml |
| Oxycodone | 2.751 | 94844 | 1813.7 | 29.37 | 5441.2 | 597097 | 4.760 ng/ml |
| Oxymorphone | 1.329 | 45926 | ∞ | 45.24 | ∞ | 294700 | 4.949 ng/ml |
| Phentermine | 3.730 | 37932 | 1322.1 | 14.15 | 175.2 | 799366 | 4.769 ng/ml |
| Promethazine | 5.516 | 118548 | 134692.3 | 40.69 | 1602.3 | 1089075 | 5.127 ng/ml |
| Pseudoephedrine | 2.501 | 294300 | 13427.7 | 17.26 | 11896.2 | 2044081 | 5.041 ng/ml |
| Quetiapine | 5.492 | 149387 | 146676.1 | 67.44 | 170182.0 | 417418 | 4.831 ng/ml |
| Sertraline | 5.760 | 21610 | 1131.8 | 91.40 | 2292.7 | 150364 | 5.201 ng/ml |
| Temazepam | 5.787 | 100897 | 2116.1 | 25.83 | 164.4 | 1003526 | 5.113 ng/ml |
| Tramadol | 4.202 | 222336 | ∞ | 3.67 | ∞ | 1781016 | 4.863 ng/ml |
| Trazodone | 5.015 | 84047 | 13590.2 | 123.22 | 34380.1 | 888381 | 4.815 ng/ml |
| Venlafaxine | 5.001 | 151743 | 3892.4 | 49.33 | 2110.7 | 1649867 | 5.793 ng/ml |
| Zolpidem | 4.790 | 230095 | 158502.7 | 26.74 | 17565.4 | 1909389 | 4.987 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

| | | | |
|-------------------------|-----------------------|------------------|--|
| Instrument | 69679 | Data File | cal 2 mdq.d |
| Type | Cal | Sample | cal 2 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-B5 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 3 | | |
| Acq. Date-Time | 6/28/2023 11:47:51 AM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|--------|----------|------------|--------------|
| 6-MAM | 3.077 | 4282 | 7251.2 | 136.28 | ∞ | 113402 | 0.938 ng/ml |
| 7-aminoclonazepam | 4.201 | 55699 | 10111.4 | 116.48 | 6235.6 | 272454 | 10.425 ng/ml |
| a-hydroxyalprazolam | 5.655 | 19020 | 2075.7 | 65.31 | 279.8 | 386468 | 10.102 ng/ml |
| alpha-PHP | 4.884 | 88928 | 56512.8 | 249.72 | 19848.6 | 1044191 | 10.018 ng/ml |
| alpha-PVP | 4.316 | 279624 | 54059.3 | 55.60 | 100781.3 | 1044191 | 9.816 ng/ml |
| Alprazolam | 5.739 | 174380 | 25063.5 | 93.85 | 5227.0 | 397536 | 9.474 ng/ml |
| Amphetamine | 2.969 | 185893 | 12680.1 | 323.78 | 23307.3 | 496765 | 10.783 ng/ml |
| Benzoylcegonine | 3.817 | 7477 | 434.5 | 43.03 | 152.3 | 25514 | 9.395 ng/ml |
| Buprenorphine | 5.653 | 9934 | 1049.5 | 12.00 | 2593.0 | 140588 | 0.998 ng/ml |
| Bupropion | 4.735 | 252983 | 18060.1 | 77.10 | 4884.8 | 755653 | 9.859 ng/ml |
| Carisoprodol | 5.690 | 110705 | 124687.9 | 63.36 | 1322.9 | 332811 | 10.401 ng/ml |
| Chlordiazepoxide | 5.802 | 39680 | 132.6 | 115.18 | 25117.0 | 725606 | 10.319 ng/ml |
| Chlorpheniramine | 5.068 | 457066 | 82345.7 | 0.34 | 227.7 | 1716488 | 9.937 ng/ml |
| Citalopram | 5.185 | 251070 | 6806.6 | 39.19 | 966199.7 | 877250 | 9.906 ng/ml |
| Clonazepam | 5.572 | 75159 | 77993.4 | 34.31 | 39507.3 | 123312 | 10.392 ng/ml |
| Clonazolam | 5.513 | 94407 | 49811.3 | 38.27 | 4267.6 | 227895 | 10.797 ng/ml |
| Cocaine | 4.220 | 211170 | 17921.2 | 48.98 | 18317.0 | 1663587 | 9.809 ng/ml |
| Codeine | 2.498 | 31090 | 5419.8 | 89.79 | 4720.4 | 109693 | 10.501 ng/ml |
| Cyclobenzaprine | 5.600 | 202214 | 43336.3 | 7.89 | 243.0 | 612411 | 9.808 ng/ml |
| Dextromethorphan | 5.224 | 169562 | 10588.3 | 70.07 | ∞ | 705771 | 10.261 ng/ml |
| Dextrorphan | 4.080 | 215743 | 62672.6 | 45.45 | ∞ | 1038702 | 10.078 ng/ml |
| Diazepam | 5.922 | 106942 | 113360.5 | 81.60 | 3450.1 | 383501 | 10.071 ng/ml |
| Dihydrocodeine | 2.462 | 80294 | 6811.7 | 60.36 | 6762.9 | 484432 | 10.588 ng/ml |
| Diphenhydramine | 5.255 | 849426 | ∞ | 32.78 | 77219.5 | 2952945 | 9.777 ng/ml |
| Doxylamine | 4.487 | 660436 | 46247.0 | 95.38 | 31370.7 | 1925983 | 10.030 ng/ml |
| Duloxetine | 5.631 | 19849 | 249.8 | 11.04 | 58.7 | 55633 | 9.832 ng/ml |
| EDDP | 5.218 | 259607 | 12622.2 | 43.93 | ∞ | 1216914 | 9.849 ng/ml |
| Etizolam | 5.779 | 15748 | 1619.4 | 397.18 | 9192.4 | 383501 | 10.123 ng/ml |
| Fentanyl | 5.041 | 18968 | 3199.9 | 131.23 | 176634.6 | 883703 | 0.951 ng/ml |
| Flualprazolam | 5.671 | 61855 | ∞ | 98.18 | 11789.5 | 227895 | 10.627 ng/ml |
| Fluorofentanyl | 5.097 | 16355 | 16241.0 | 126.72 | 34.3 | 8081 | 0.955 ng/ml |
| Fluoxetine | 5.693 | 143260 | 7892.5 | 5.96 | 6460.8 | 474649 | 9.710 ng/ml |
| Hydrocodone | 2.951 | 104139 | 4405.6 | 35.85 | 287.9 | 504999 | 10.511 ng/ml |



AM #28 Multi-Drug Quant. Results

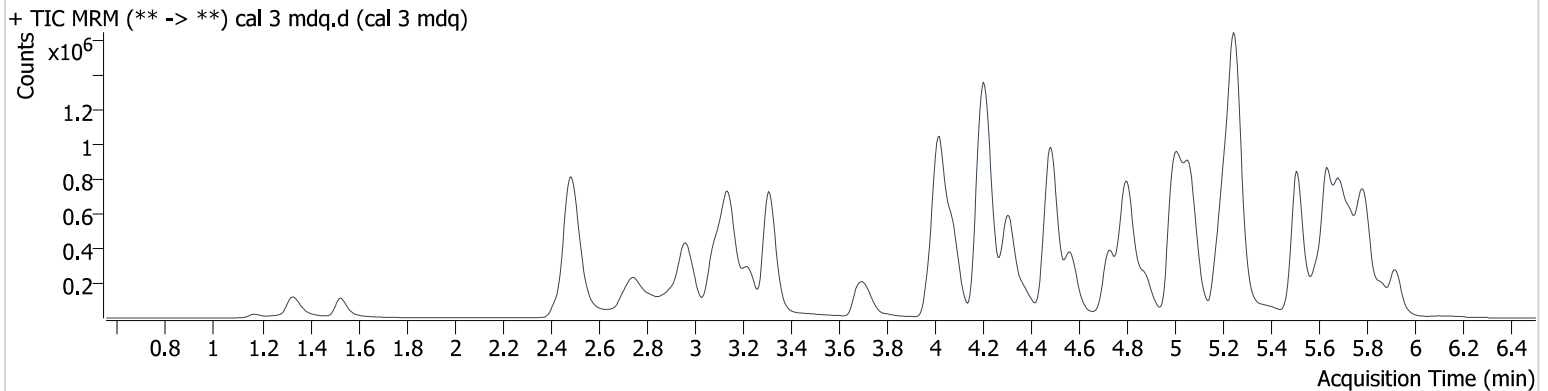
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|--------|----------|--------|----------|------------|--------------|
| Hydromorphone | 1.532 | 66731 | 3478.1 | 72.51 | 1982.6 | 203849 | 9.977 ng/ml |
| Hydroxyzine | 5.675 | 199796 | 85035.5 | 113.50 | 58386.9 | 2252504 | 10.343 ng/ml |
| Ketamine | 3.994 | 229059 | 24099.3 | 37.19 | 6368.5 | 790681 | 10.222 ng/ml |
| Lamotrigine | 4.239 | 18342 | 1152.2 | 98.78 | 1906.8 | 617370 | 10.487 ng/ml |
| Lorazepam | 5.718 | 37008 | ∞ | 43.36 | ∞ | 386468 | 9.316 ng/ml |
| MDA | 3.137 | 266847 | 7651.2 | 30.50 | ∞ | 617370 | 10.622 ng/ml |
| MDMA | 3.228 | 175173 | 37357.0 | 119.42 | 21607.9 | 215025 | 9.622 ng/ml |
| Meprobamate | 4.854 | 83477 | 9224.8 | 32.31 | 8251.4 | 214123 | 10.808 ng/ml |
| Methadone | 5.635 | 414441 | 27442.1 | 49.65 | 18788.2 | 1257283 | 9.931 ng/ml |
| Methamphetamine | 3.153 | 552610 | 75767.2 | 38.17 | 1943.3 | 1618345 | 10.547 ng/ml |
| Metoprolol | 4.283 | 62401 | ∞ | 99.29 | 17352.8 | 617370 | 9.863 ng/ml |
| Mirtazapine | 4.564 | 407000 | 24529.2 | 47.57 | ∞ | 881621 | 10.183 ng/ml |
| Mitragynine | 5.173 | 71043 | 7168.9 | 30.31 | 56368.9 | 2252504 | 9.722 ng/ml |
| Morphine | 1.171 | 9009 | 561.4 | 20.13 | 265.6 | 10931 | 9.812 ng/ml |
| Norbuprenorphine | 4.958 | 2350 | 2292.4 | 96.37 | 4348.8 | 27997 | 1.039 ng/ml |
| Nordiazepam | 5.866 | 74695 | 11436.1 | 63.58 | 5898.7 | 227895 | 9.884 ng/ml |
| Norfentanyl | 4.040 | 5503 | 660.9 | 268.07 | 868.7 | 1509087 | 0.990 ng/ml |
| Noroxycodone | 2.834 | 66563 | 700.8 | 52.18 | 421.6 | 236768 | 9.845 ng/ml |
| O-desmethyl-tramadol | 3.314 | 482020 | 77713.8 | 6.43 | 6205.0 | 2025451 | 9.949 ng/ml |
| O-Desmethylvenlafaxine | 4.028 | 147873 | 2132.1 | 229.26 | 7450.1 | 432799 | 10.148 ng/ml |
| Olanzapine | 4.368 | 135003 | 2886.6 | 43.12 | 836.2 | 289618 | 10.131 ng/ml |
| Oxazepam | 5.725 | 79746 | 2687.0 | 72.84 | 369.7 | 386468 | 10.812 ng/ml |
| Oxycodone | 2.751 | 203363 | 1794.9 | 30.40 | 2669.0 | 676510 | 10.184 ng/ml |
| Oxymorphone | 1.334 | 108791 | ∞ | 44.48 | ∞ | 347413 | 10.173 ng/ml |
| Phentermine | 3.724 | 83463 | 739.3 | 13.62 | 928.7 | 881621 | 10.488 ng/ml |
| Promethazine | 5.516 | 270469 | 17928.7 | 41.16 | 9755.7 | 1221274 | 9.880 ng/ml |
| Pseudoephedrine | 2.496 | 655921 | ∞ | 17.36 | ∞ | 2252504 | 9.997 ng/ml |
| Quetiapine | 5.497 | 322771 | 242457.4 | 65.06 | 107638.4 | 477191 | 9.927 ng/ml |
| Sertraline | 5.760 | 34980 | 1471.4 | 106.04 | 4570.2 | 136932 | 9.314 ng/ml |
| Temazepam | 5.781 | 214342 | 3199.8 | 28.75 | ∞ | 1080123 | 9.702 ng/ml |
| Tramadol | 4.202 | 488641 | ∞ | 3.38 | ∞ | 1990638 | 10.264 ng/ml |
| Trazodone | 5.025 | 184957 | 9253.9 | 124.88 | 23747.3 | 962211 | 10.326 ng/ml |
| Venlafaxine | 5.001 | 341760 | 14528.9 | 47.44 | 2603.1 | 1836061 | 10.263 ng/ml |
| Zolpidem | 4.805 | 486622 | ∞ | 27.49 | 5462.8 | 2140140 | 9.832 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679 **Data File** cal 3 mdq.d
Type Cal **Sample** cal 3 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-C5 **Comment** Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume 3
Acq. Date-Time 6/28/2023 11:56:34 AM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|--------|----------|------------|--------------|
| 6-MAM | 3.077 | 9082 | 35326.6 | 133.60 | 34779.7 | 90281 | 2.587 ng/ml |
| 7-aminoclonazepam | 4.201 | 96169 | 2313.5 | 116.71 | 7754.6 | 193463 | 26.767 ng/ml |
| a-hydroxyalprazolam | 5.660 | 38312 | 293.8 | 68.26 | 851.6 | 301262 | 23.721 ng/ml |
| alpha-PHP | 4.879 | 174615 | 44170.3 | 246.11 | 5396.3 | 824581 | 24.670 ng/ml |
| alpha-PVP | 4.316 | 556930 | 56495.1 | 54.64 | 11795.2 | 824581 | 24.443 ng/ml |
| Alprazolam | 5.739 | 364215 | ∞ | 90.56 | ∞ | 311289 | 25.028 ng/ml |
| Amphetamine | 2.969 | 343763 | 7439.9 | 306.13 | 19125.7 | 392558 | 27.193 ng/ml |
| Benzoylcegonine | 3.812 | 14052 | 2324.7 | 43.12 | 90.8 | 18664 | 24.421 ng/ml |
| Buprenorphine | 5.653 | 21493 | 1758.2 | 12.37 | 1663.1 | 116530 | 2.637 ng/ml |
| Bupropion | 4.735 | 503850 | 72272.8 | 77.70 | 7332.4 | 596984 | 25.756 ng/ml |
| Carisoprodol | 5.690 | 226329 | 266803.1 | 62.78 | 12859.5 | 274003 | 25.845 ng/ml |
| Chlordiazepoxide | 5.802 | 74078 | 4741.4 | 132.02 | 1205.6 | 564444 | 25.059 ng/ml |
| Chlorpheniramine | 5.068 | 883903 | 11490.9 | 0.31 | 267.8 | 1317283 | 25.403 ng/ml |
| Citalopram | 5.185 | 498638 | 12605.3 | 39.36 | 922553.9 | 680497 | 25.522 ng/ml |
| Clonazepam | 5.572 | 154713 | 322280.2 | 30.49 | 245886.4 | 105827 | 25.185 ng/ml |
| Clonazolam | 5.513 | 178187 | 2717.0 | 38.26 | 14778.9 | 183894 | 26.281 ng/ml |
| Cocaine | 4.220 | 414946 | 51349.3 | 50.24 | ∞ | 1295674 | 24.770 ng/ml |
| Codeine | 2.498 | 61450 | ∞ | 88.76 | 5046.3 | 86137 | 28.415 ng/ml |
| Cyclobenzaprine | 5.600 | 317143 | 137914.1 | 8.79 | 1030.1 | 391594 | 24.301 ng/ml |
| Dextromethorphan | 5.224 | 316146 | 28240.2 | 69.65 | ∞ | 521803 | 25.772 ng/ml |
| Dextrorphan | 4.080 | 430125 | ∞ | 45.54 | 955922.0 | 826284 | 24.108 ng/ml |
| Diazepam | 5.922 | 217020 | 1017.1 | 85.33 | 4394.9 | 312759 | 24.678 ng/ml |
| Dihydrocodeine | 2.462 | 155123 | 1352.6 | 59.81 | 117.0 | 382454 | 28.006 ng/ml |
| Diphenhydramine | 5.255 | 1663774 | 93680.1 | 30.12 | ∞ | 2286249 | 23.519 ng/ml |
| Doxylamine | 4.487 | 1313591 | 56894.2 | 94.24 | 100616.6 | 1501221 | 26.190 ng/ml |
| Duloxetine | 5.626 | 28782 | 288.3 | 9.36 | 59.7 | 31495 | 25.063 ng/ml |
| EDDP | 5.218 | 510582 | 100954.8 | 43.85 | 446948.6 | 960192 | 24.915 ng/ml |
| Etizolam | 5.779 | 32612 | 4641.9 | 409.64 | 16981.4 | 312759 | 25.790 ng/ml |
| Fentanyl | 5.041 | 32908 | 3769.9 | 128.52 | 2787.1 | 601935 | 2.447 ng/ml |
| Flualprazolam | 5.666 | 126379 | 51243.3 | 100.10 | 2496.3 | 183894 | 27.791 ng/ml |
| Fluorofentanyl | 5.097 | 28066 | 26580.7 | 119.00 | 199.4 | 5030 | 2.454 ng/ml |
| Fluoxetine | 5.693 | 206550 | 5289.7 | 6.11 | 16841.4 | 263263 | 25.140 ng/ml |
| Hydrocodone | 2.946 | 195265 | ∞ | 37.51 | ∞ | 397582 | 25.956 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|---------------------|--------|----------|------------|--------------|
| Hydromorphone | 1.532 | 136274 | 4622.1 | 72.42 | 2611.6 | 166829 | 24.855 ng/ml |
| Hydroxyzine | 5.675 | 354931 | 222272.7 | 113.84 | 787.7 | 1789773 | 22.723 ng/ml |
| Ketamine | 3.994 | 443414 | 46776.3 | 37.81 | 1882.1 | 612641 | 26.865 ng/ml |
| Lamotrigine | 4.233 | 34444 | 1576.4 | 99.77 | 7140.8 | 492061 | 25.202 ng/ml |
| Lorazepam | 5.713 | 74522 | ∞ | 41.03 | 678.9 | 301262 | 23.542 ng/ml |
| MDA | 3.131 | 509069 | 11979.4 | 30.68 | ∞ | 492061 | 26.943 ng/ml |
| MDMA | 3.228 | 349504 | 98569.6 | 117.29 | 19960.0 | 161531 | 25.277 ng/ml |
| Meprobamate | 4.849 | 157178 | 25826.3 | 33.65 | 1194.4 | 168643 | 27.478 ng/ml |
| Methadone | 5.630 | 785953 | 207107.1 | 49.60 | 165094.6 | 942238 | 24.859 ng/ml |
| Methamphetamine | 3.148 | 933609 | 13571.8 | 39.48 | 7121.2 | 1282477 | 27.490 ng/ml |
| Metoprolol | 4.283 | 124425 | 17175.6 | 99.92 | 17829.3 | 492061 | 24.167 ng/ml |
| Mirtazapine | 4.564 | 776381 | 63552.5 | 47.92 | ∞ | 689647 | 24.821 ng/ml |
| Mitragynine | 5.173 | 131276 | 210479.5 | 30.71 | 50042.2 | 1789773 | 22.295 ng/ml |
| Morphine | 1.171 | 19024 | 2233.2 | 19.63 | 312.7 | 8968 | 25.255 ng/ml |
| Norbuprenorphine | 4.947 | 3811 | 31015.8 | 104.11 | 11494.0 | 21644 | 2.408 ng/ml |
| Nordiazepam | 5.866 | 151020 | 16691.5 | 62.68 | 12558.2 | 183894 | 24.841 ng/ml |
| Norfentanyl | 4.035 | 10540 | 1810.7 | 270.83 | 1563.2 | 1196606 | 2.346 ng/ml |
| Noroxycodone | 2.834 | 131262 | 34711.1 | 50.69 | 2235.4 | 190990 | 23.432 ng/ml |
| O-desmethyl-tramadol | 3.314 | 966425 | 264715.2 | 6.42 | 17193.4 | 1601702 | 25.497 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 285725 | 331.1 | 234.79 | 15053.3 | 338251 | 25.662 ng/ml |
| Olanzapine | 4.373 | 265960 | 3106.9 | 44.03 | 801.5 | 235276 | 23.467 ng/ml |
| Oxazepam | 5.720 | 146722 | 48891.2 | 75.82 | 59264.4 | 301262 | 25.135 ng/ml |
| Oxycodone | 2.746 | 408019 | 10227.6 | 30.46 | 5290.7 | 519299 | 28.744 ng/ml |
| Oxymorphone | 1.329 | 218411 | ∞ | 44.83 | ∞ | 283323 | 25.376 ng/ml |
| Phentermine | 3.724 | 157482 | 1148.6 | 13.86 | 2106.9 | 689647 | 26.680 ng/ml |
| Promethazine | 5.511 | 426593 | 209293.2 | 40.55 | 11133.7 | 785912 | 23.442 ng/ml |
| Pseudoephedrine | 2.496 | 1293888 | 542246.7 | 17.73 | ∞ | 1789773 | 24.530 ng/ml |
| Quetiapine | 5.497 | 653568 | ∞ | 63.95 | 581541.0 | 351538 | 28.848 ng/ml |
| Sertraline | 5.760 | 47208 | ∞ | 97.29 | 45470.4 | 70248 | 24.646 ng/ml |
| Temazepam | 5.781 | 440614 | 40901.9 | 30.17 | 1825.6 | 838515 | 25.033 ng/ml |
| Tramadol | 4.197 | 957515 | 4436955963 084.1 | 3.47 | ∞ | 1589882 | 26.238 ng/ml |
| Trazodone | 5.030 | 348853 | 6653.5 | 125.15 | 103064.7 | 724616 | 26.655 ng/ml |
| Venlafaxine | 4.996 | 675057 | 177013.4 | 47.72 | 10916.0 | 1427962 | 23.869 ng/ml |
| Zolpidem | 4.805 | 973126 | 65343.2 | 26.88 | 175184.2 | 1680078 | 25.785 ng/ml |

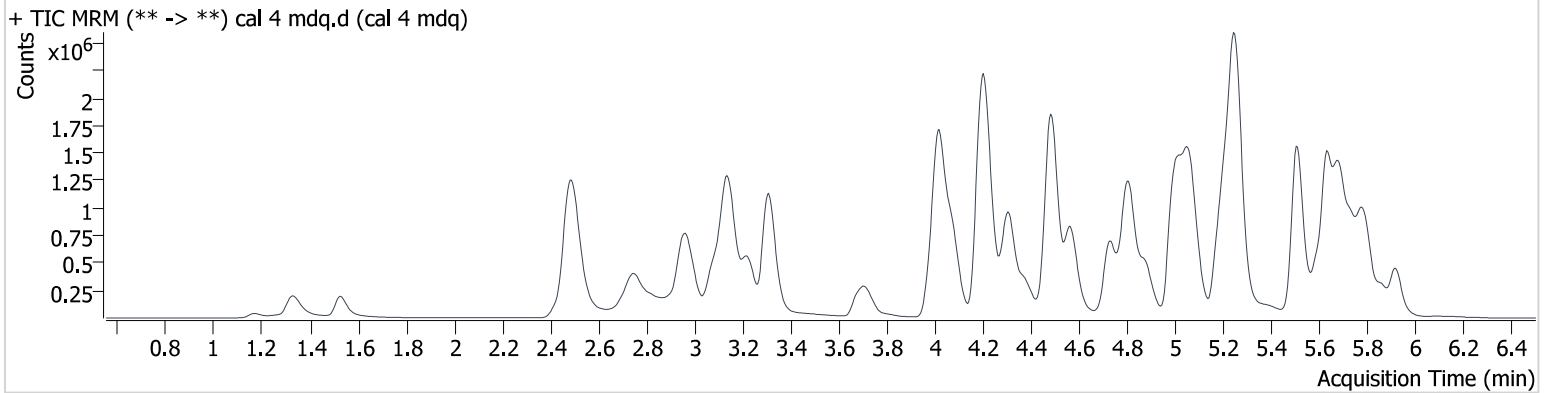
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Cal
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-D5
Injection Volume 3
Acq. Date-Time 6/28/2023 12:05:16 PM
Sample Info.

Data File cal 4 mdq.d
Sample cal 4 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|--------|-----------|------------|--------------|
| 6-MAM | 3.072 | 18845 | 2861.5 | 137.85 | ∞ | 100933 | 4.846 ng/ml |
| 7-aminoclonazepam | 4.196 | 211478 | 1658.6 | 118.04 | 9029.1 | 219352 | 52.846 ng/ml |
| a-hydroxyalprazolam | 5.655 | 57435 | 1789.4 | 73.31 | 2779.1 | 231976 | 44.759 ng/ml |
| alpha-PHP | 4.879 | 388218 | 19317.2 | 245.41 | 25677.4 | 902583 | 49.943 ng/ml |
| alpha-PVP | 4.316 | 1213891 | 52350.4 | 54.60 | 28436.4 | 902583 | 48.467 ng/ml |
| Alprazolam | 5.739 | 719358 | 32195.0 | 89.86 | ∞ | 311633 | 49.236 ng/ml |
| Amphetamine | 2.969 | 713266 | 24229.5 | 287.13 | 54689.0 | 424303 | 53.545 ng/ml |
| Benzoylcegonine | 3.812 | 33475 | 3747.6 | 41.69 | 599.0 | 21853 | 49.874 ng/ml |
| Buprenorphine | 5.653 | 42005 | 11080.6 | 16.92 | 2280.3 | 123917 | 4.863 ng/ml |
| Bupropion | 4.735 | 1121989 | 250889.3 | 76.42 | 461356.9 | 666955 | 51.926 ng/ml |
| Carisoprodol | 5.690 | 372276 | 357642.6 | 63.00 | 15714.7 | 239628 | 48.621 ng/ml |
| Chlordiazepoxide | 5.808 | 149018 | 245.7 | 125.95 | 690.8 | 569271 | 50.192 ng/ml |
| Chlorpheniramine | 5.068 | 2005311 | 17666.2 | 0.29 | 400.6 | 1522059 | 50.108 ng/ml |
| Citalopram | 5.185 | 1062990 | 45396.2 | 40.47 | ∞ | 736196 | 50.390 ng/ml |
| Clonazepam | 5.572 | 285962 | 7458.4 | 32.92 | 109676.3 | 101083 | 48.910 ng/ml |
| Clonazolam | 5.513 | 343018 | 203885.2 | 38.70 | 17235.0 | 181877 | 51.878 ng/ml |
| Cocaine | 4.215 | 894514 | 79940.0 | 50.42 | 150577.1 | 1399354 | 49.457 ng/ml |
| Codeine | 2.498 | 118687 | ∞ | 89.64 | 13836.0 | 89608 | 53.875 ng/ml |
| Cyclobenzaprine | 5.600 | 811980 | 249362.4 | 8.50 | 2072.0 | 483591 | 50.562 ng/ml |
| Dextromethorphan | 5.224 | 699089 | 109722.1 | 68.70 | 327607.5 | 602010 | 49.335 ng/ml |
| Dextrorphan | 4.075 | 936987 | 110485.0 | 43.99 | 2725910.4 | 887674 | 48.099 ng/ml |
| Diazepam | 5.922 | 470198 | 7703.7 | 84.19 | 35501.8 | 332452 | 50.033 ng/ml |
| Dihydrocodeine | 2.462 | 319999 | 2474.7 | 61.55 | 3792.6 | 420106 | 53.868 ng/ml |
| Diphenhydramine | 5.255 | 3557157 | 528342.7 | 31.95 | ∞ | 2513112 | 44.992 ng/ml |
| Doxylamine | 4.487 | 2957300 | ∞ | 94.94 | 844967.4 | 1753253 | 50.843 ng/ml |
| Duloxetine | 5.631 | 63097 | 303.8 | 10.28 | 143.6 | 34195 | 50.527 ng/ml |
| EDDP | 5.218 | 1086161 | 54883.5 | 43.13 | 40148.6 | 1051812 | 48.616 ng/ml |
| Etizolam | 5.779 | 66128 | 86552.0 | 403.53 | 31900.6 | 332452 | 49.248 ng/ml |
| Fentanyl | 5.041 | 81338 | 4677.4 | 130.70 | 142936.7 | 747632 | 4.885 ng/ml |
| Flualprazolam | 5.666 | 225175 | 2405.8 | 102.46 | 2028.2 | 181877 | 50.527 ng/ml |
| Fluorofentanyl | 5.097 | 72420 | 70684.5 | 121.09 | 95.3 | 6824 | 4.578 ng/ml |
| Fluoxetine | 5.693 | 437914 | 222787.7 | 6.41 | 25479.2 | 296090 | 47.335 ng/ml |
| Hydrocodone | 2.946 | 394249 | 3630.6 | 36.91 | 3189.9 | 426520 | 49.439 ng/ml |



AM #28 Multi-Drug Quant. Results

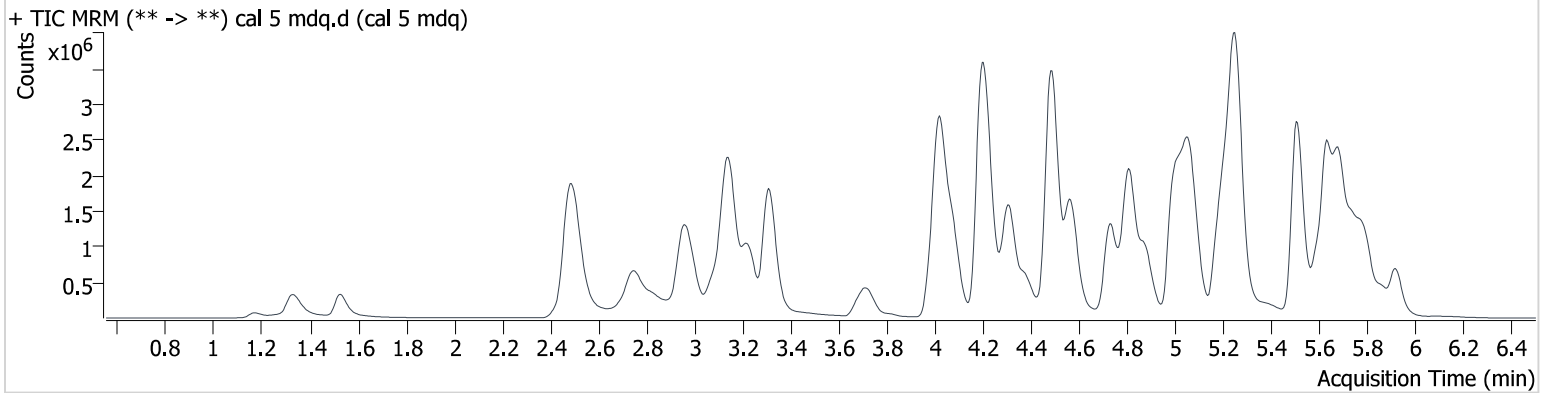
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|-----------|--------|-----------|------------|--------------|
| Hydromorphone | 1.527 | 299556 | 6263.6 | 72.71 | 21496.8 | 189792 | 47.999 ng/ml |
| Hydroxyzine | 5.675 | 867627 | 621384.3 | 114.35 | 1669.2 | 1949652 | 50.588 ng/ml |
| Ketamine | 3.994 | 953897 | 27844.9 | 37.45 | 5119.5 | 663988 | 54.196 ng/ml |
| Lamotrigine | 4.233 | 70722 | 8496.9 | 94.91 | 3974.2 | 495020 | 51.816 ng/ml |
| Lorazepam | 5.713 | 116977 | ∞ | 40.09 | 1220.1 | 231976 | 47.648 ng/ml |
| MDA | 3.126 | 990333 | 33749.0 | 30.39 | ∞ | 495020 | 53.118 ng/ml |
| MDMA | 3.223 | 764121 | 182183.8 | 115.40 | 133067.5 | 177405 | 50.150 ng/ml |
| Meprobamate | 4.849 | 305058 | 8489.6 | 33.23 | 1511.2 | 168640 | 54.441 ng/ml |
| Methadone | 5.635 | 1857445 | 170286.4 | 48.47 | 76596.8 | 1106781 | 49.836 ng/ml |
| Methamphetamine | 3.142 | 1983425 | 65130.7 | 37.71 | 12949.6 | 1447047 | 55.665 ng/ml |
| Metoprolol | 4.278 | 257748 | ∞ | 96.02 | ∞ | 495020 | 49.405 ng/ml |
| Mirtazapine | 4.564 | 1767431 | 133462.7 | 46.90 | 248739.4 | 754888 | 51.615 ng/ml |
| Mitragynine | 5.173 | 310812 | 22028.5 | 32.50 | ∞ | 1949652 | 48.179 ng/ml |
| Morphine | 1.171 | 43691 | 5627.2 | 19.63 | 1344.8 | 10220 | 50.895 ng/ml |
| Norbuprenorphine | 4.958 | 8990 | 23236.3 | 97.21 | 16265.9 | 25055 | 5.123 ng/ml |
| Nordiazepam | 5.866 | 296363 | ∞ | 62.35 | 3777.8 | 181877 | 49.338 ng/ml |
| Norfentanyl | 4.035 | 21500 | 898.3 | 265.96 | 4001.9 | 1201976 | 4.731 ng/ml |
| Noroxycodone | 2.829 | 274401 | ∞ | 52.01 | 8454.2 | 200078 | 46.321 ng/ml |
| O-desmethyl-tramadol | 3.309 | 2153291 | 1627721.1 | 6.36 | 49496.8 | 1793100 | 50.922 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 616357 | 1057.6 | 235.48 | 6406.8 | 376657 | 50.078 ng/ml |
| Olanzapine | 4.373 | 646644 | 2802.3 | 44.00 | 2871.4 | 278903 | 47.321 ng/ml |
| Oxazepam | 5.720 | 221630 | 4293.4 | 75.35 | ∞ | 231976 | 49.037 ng/ml |
| Oxycodone | 2.746 | 839810 | 119492.9 | 32.46 | 31467.9 | 582205 | 53.872 ng/ml |
| Oxymorphone | 1.329 | 478369 | ∞ | 46.13 | ∞ | 322731 | 49.001 ng/ml |
| Phentermine | 3.719 | 346500 | 18060.0 | 12.75 | 3775.1 | 754888 | 54.618 ng/ml |
| Promethazine | 5.516 | 1089452 | 545722.6 | 39.03 | ∞ | 998630 | 46.577 ng/ml |
| Pseudoephedrine | 2.496 | 2778375 | ∞ | 17.35 | ∞ | 1949652 | 48.165 ng/ml |
| Quetiapine | 5.497 | 1375712 | 1355508.7 | 66.55 | 2717626.5 | 418580 | 51.683 ng/ml |
| Sertraline | 5.755 | 103856 | 2730.6 | 96.14 | 26165.5 | 77360 | 49.324 ng/ml |
| Temazepam | 5.781 | 757730 | 21007.9 | 28.23 | 3479.6 | 776970 | 46.117 ng/ml |
| Tramadol | 4.197 | 2055452 | ∞ | 3.41 | ∞ | 1753194 | 51.764 ng/ml |
| Trazodone | 5.030 | 790433 | 88469.3 | 124.91 | 169542.7 | 828279 | 53.355 ng/ml |
| Venlafaxine | 5.001 | 1513371 | 404607.6 | 47.59 | 32156.3 | 1597470 | 46.400 ng/ml |
| Zolpidem | 4.810 | 2147720 | 620536.4 | 27.49 | 29788.1 | 1876209 | 51.425 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

| | | | |
|-------------------------|-----------------------|------------------|--|
| Instrument | 69679 | Data File | cal 5 mdq.d |
| Type | Cal | Sample | cal 5 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-E5 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 3 | | |
| Acq. Date-Time | 6/28/2023 12:13:58 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|--------|-----------|------------|---------------|
| 6-MAM | 3.072 | 38764 | ∞ | 134.79 | 234435.5 | 99969 | 10.121 ng/ml |
| 7-aminoclonazepam | 4.196 | 375092 | 4314.5 | 116.47 | ∞ | 210299 | 98.610 ng/ml |
| a-hydroxyalprazolam | 5.655 | 83806 | 1037.0 | 68.00 | 792.0 | 141546 | 104.942 ng/ml |
| alpha-PHP | 4.879 | 795001 | ∞ | 248.77 | 41419.0 | 918045 | 100.388 ng/ml |
| alpha-PVP | 4.316 | 2513636 | 205484.4 | 54.06 | 44819.7 | 918045 | 98.458 ng/ml |
| Alprazolam | 5.734 | 1313907 | ∞ | 87.07 | 41774.2 | 266817 | 104.869 ng/ml |
| Amphetamine | 2.964 | 1335688 | 51332.8 | 277.26 | 91891.8 | 433764 | 99.300 ng/ml |
| Benzoylcegonine | 3.812 | 70742 | 5989.1 | 42.66 | 2539.8 | 23576 | 97.871 ng/ml |
| Buprenorphine | 5.659 | 73069 | 7371.3 | 13.56 | 3101.4 | 102717 | 10.228 ng/ml |
| Bupropion | 4.735 | 2403467 | 817676.6 | 74.29 | 66372.2 | 730236 | 102.161 ng/ml |
| Carisoprodol | 5.695 | 589747 | 816885.2 | 61.68 | 81112.2 | 184742 | 99.919 ng/ml |
| Chlordiazepoxide | 5.808 | 249282 | 2017.3 | 125.40 | 662928.7 | 501617 | 95.475 ng/ml |
| Chlorpheniramine | 5.068 | 4144931 | 571917.6 | 0.31 | 3427.7 | 1570468 | 100.618 ng/ml |
| Citalopram | 5.180 | 2018594 | 62539.6 | 41.59 | 1312168.6 | 698610 | 100.939 ng/ml |
| Clonazepam | 5.572 | 485988 | 90418.2 | 33.45 | 1431852.2 | 85137 | 98.879 ng/ml |
| Clonazolam | 5.518 | 576729 | 260760.0 | 35.82 | 5549.2 | 140570 | 113.756 ng/ml |
| Cocaine | 4.220 | 1766255 | 142391.0 | 50.32 | ∞ | 1372760 | 99.561 ng/ml |
| Codeine | 2.498 | 208305 | 29423.0 | 89.74 | 10012.5 | 80706 | 106.223 ng/ml |
| Cyclobenzaprine | 5.595 | 1789281 | 434993.7 | 8.46 | 4640.5 | 521894 | 103.416 ng/ml |
| Dextromethorphan | 5.224 | 1303548 | 158410.7 | 71.87 | 295345.7 | 568550 | 97.340 ng/ml |
| Dextrorphan | 4.075 | 1909645 | 756301.8 | 45.08 | 463081.5 | 894428 | 96.508 ng/ml |
| Diazepam | 5.917 | 857279 | 13422.5 | 84.48 | ∞ | 303559 | 99.648 ng/ml |
| Dihydrocodeine | 2.457 | 613271 | 12317.7 | 60.65 | 1090.7 | 422152 | 104.050 ng/ml |
| Diphenhydramine | 5.255 | 7163745 | 684829.1 | 28.02 | 57335.8 | 2194604 | 102.722 ng/ml |
| Doxylamine | 4.487 | 6240509 | 243217.8 | 94.82 | 461603.6 | 1827565 | 103.321 ng/ml |
| Duloxetine | 5.626 | 159945 | 1620.6 | 10.41 | 136.7 | 43691 | 100.168 ng/ml |
| EDDP | 5.218 | 1962592 | ∞ | 45.61 | 55260.6 | 931869 | 99.405 ng/ml |
| Etizolam | 5.779 | 124951 | 33709.1 | 406.27 | ∞ | 303559 | 101.973 ng/ml |
| Fentanyl | 5.041 | 162936 | 130673.7 | 131.82 | ∞ | 718156 | 10.205 ng/ml |
| Flualprazolam | 5.666 | 369946 | 4292.7 | 98.09 | ∞ | 140570 | 108.055 ng/ml |
| Fluorofentanyl | 5.097 | 165415 | 134897.8 | 117.28 | 2682.9 | 6606 | 10.663 ng/ml |
| Fluoxetine | 5.693 | 1074327 | ∞ | 6.62 | 274186.3 | 340558 | 100.892 ng/ml |
| Hydrocodone | 2.946 | 766554 | 7496.9 | 37.69 | 8834.5 | 412653 | 100.030 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|-----------|--------|----------|------------|---------------|
| Hydromorphone | 1.527 | 601539 | ∞ | 72.62 | ∞ | 181432 | 100.797 ng/ml |
| Hydroxyzine | 5.675 | 1617496 | 1495039.8 | 116.12 | 661342.6 | 1846166 | 99.282 ng/ml |
| Ketamine | 3.989 | 1872623 | 259965.6 | 38.25 | 30047.2 | 669315 | 106.387 ng/ml |
| Lamotrigine | 4.239 | 126317 | 2746.2 | 98.12 | 32537.3 | 427762 | 107.489 ng/ml |
| Lorazepam | 5.713 | 141535 | 3802.0 | 42.52 | 9984.9 | 141546 | 94.159 ng/ml |
| MDA | 3.126 | 1706973 | ∞ | 30.09 | ∞ | 427762 | 107.036 ng/ml |
| MDMA | 3.223 | 1572748 | 259475.2 | 113.83 | 113129.8 | 188781 | 96.844 ng/ml |
| Meprobamate | 4.844 | 522130 | 13050.8 | 31.58 | 3478.1 | 155100 | 102.329 ng/ml |
| Methadone | 5.630 | 3704203 | 108722.3 | 46.66 | 157465.9 | 1099635 | 99.852 ng/ml |
| Methamphetamine | 3.143 | 3877689 | 102077.8 | 40.06 | 36549.1 | 1540497 | 105.926 ng/ml |
| Metoprolol | 4.278 | 491162 | 325342.3 | 98.22 | 37997.8 | 427762 | 108.540 ng/ml |
| Mirtazapine | 4.564 | 3619723 | 153095.3 | 48.06 | 161995.3 | 781120 | 102.151 ng/ml |
| Mitragynine | 5.168 | 580520 | 77795.8 | 32.49 | 9345.6 | 1846166 | 94.801 ng/ml |
| Morphine | 1.171 | 83022 | 9885.6 | 20.24 | 1453.2 | 10535 | 93.817 ng/ml |
| Norbuprenorphine | 4.947 | 17211 | 10794.2 | 99.55 | 37434.0 | 24775 | 10.113 ng/ml |
| Nordiazepam | 5.866 | 496837 | ∞ | 60.06 | 22227.2 | 140570 | 107.077 ng/ml |
| Norfentanyl | 4.040 | 38388 | 2382.7 | 279.49 | 4099.7 | 1018931 | 9.928 ng/ml |
| Noroxycodone | 2.829 | 513098 | ∞ | 50.52 | ∞ | 188726 | 91.391 ng/ml |
| O-desmethyl-tramadol | 3.314 | 4439281 | 1054457.3 | 6.23 | 17323.1 | 1891519 | 99.690 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 1199576 | 776.1 | 236.92 | 57791.2 | 368910 | 99.893 ng/ml |
| Olanzapine | 4.378 | 1102311 | 1155.6 | 45.06 | 4679.4 | 228878 | 97.466 ng/ml |
| Oxazepam | 5.720 | 269206 | 15439.4 | 77.10 | 2937.4 | 141546 | 97.337 ng/ml |
| Oxycodone | 2.741 | 1630960 | ∞ | 31.89 | ∞ | 584916 | 105.367 ng/ml |
| Oxymorphone | 1.329 | 969178 | ∞ | 46.29 | ∞ | 318754 | 100.754 ng/ml |
| Phentermine | 3.724 | 671961 | ∞ | 11.89 | 6293.1 | 781120 | 103.219 ng/ml |
| Promethazine | 5.516 | 2460291 | 4073994.5 | 38.75 | 74059.0 | 1071991 | 97.399 ng/ml |
| Pseudoephedrine | 2.491 | 5396536 | ∞ | 16.86 | ∞ | 1846166 | 98.593 ng/ml |
| Quetiapine | 5.497 | 2721942 | 155177.2 | 64.02 | ∞ | 399163 | 108.193 ng/ml |
| Sertraline | 5.755 | 278463 | 148798.6 | 98.20 | 17942.7 | 104762 | 97.745 ng/ml |
| Temazepam | 5.781 | 1165502 | 29069.3 | 30.67 | 6930.9 | 547838 | 100.132 ng/ml |
| Tramadol | 4.192 | 4125110 | ∞ | 3.38 | ∞ | 1782215 | 102.902 ng/ml |
| Trazodone | 5.030 | 1509874 | 197830.5 | 124.56 | ∞ | 819340 | 103.520 ng/ml |
| Venlafaxine | 4.996 | 3205196 | 361066.1 | 46.38 | 35778.8 | 1627386 | 94.925 ng/ml |
| Zolpidem | 4.812 | 4505189 | ∞ | 27.28 | 77405.3 | 1951708 | 104.185 ng/ml |

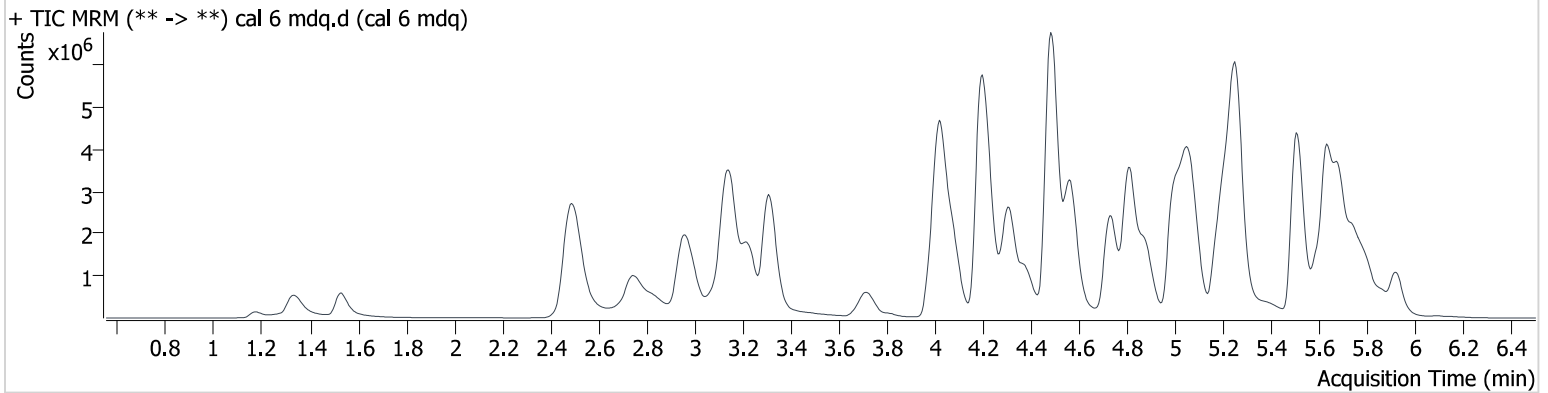
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679
Type Cal
Acq. Method mdqp1 1-21-21long.m
Sample Position P2-F5
Injection Volume 3
Acq. Date-Time 6/28/2023 12:22:41 PM
Sample Info.

Data File cal 6 mdq.d
Sample cal 6 mdq
Operator Anne Nord
Comment Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|--------|-----------|------------|---------------|
| 6-MAM | 3.072 | 80644 | ∞ | 131.19 | ∞ | 83210 | 25.375 ng/ml |
| 7-aminoclonazepam | 4.191 | 570696 | 91874.9 | 105.94 | 26931.5 | 143910 | 220.459 ng/ml |
| a-hydroxyalprazolam | 5.650 | 102223 | ∞ | 67.96 | 471.9 | 61615 | 291.351 ng/ml |
| alpha-PHP | 4.879 | 1542657 | 41651.3 | 249.77 | 48252.2 | 718740 | 248.578 ng/ml |
| alpha-PVP | 4.311 | 5011274 | 239173.8 | 52.73 | 93323.4 | 718740 | 250.400 ng/ml |
| Alprazolam | 5.739 | 2005143 | ∞ | 98.04 | 7394.7 | 165231 | 258.221 ng/ml |
| Amphetamine | 2.969 | 2159301 | 136932.0 | 265.87 | 154625.2 | 338087 | 207.530 ng/ml |
| Benzoylcegonine | 3.812 | 153743 | 58810.8 | 41.60 | 26315.4 | 19503 | 257.414 ng/ml |
| Buprenorphine | 5.659 | 121757 | 3181.0 | 15.59 | 4752.0 | 71616 | 24.472 ng/ml |
| Bupropion | 4.734 | 4895258 | 1260884.3 | 73.00 | 122397.1 | 607512 | 250.968 ng/ml |
| Carisoprodol | 5.695 | 860570 | ∞ | 59.39 | 10319.3 | 109956 | 244.989 ng/ml |
| Chlordiazepoxide | 5.808 | 413016 | 121422.3 | 107.21 | 82863.1 | 316322 | 251.189 ng/ml |
| Chlorpheniramine | 5.063 | 8308480 | ∞ | 0.31 | ∞ | 1286296 | 246.590 ng/ml |
| Citalopram | 5.180 | 3402856 | 568472.2 | 41.66 | 2833219.8 | 477319 | 249.196 ng/ml |
| Clonazepam | 5.567 | 749828 | 15738.4 | 32.97 | 430256.5 | 51324 | 253.359 ng/ml |
| Clonazolam | 5.524 | 806465 | 126320.0 | 38.20 | 24503.8 | 84078 | 266.974 ng/ml |
| Cocaine | 4.220 | 3304241 | 2420514.0 | 49.40 | 203005.4 | 1015729 | 251.746 ng/ml |
| Codeine | 2.498 | 338862 | ∞ | 89.47 | 12586.2 | 55898 | 251.251 ng/ml |
| Cyclobenzaprine | 5.595 | 2856533 | 379804.2 | 8.63 | ∞ | 344228 | 250.552 ng/ml |
| Dextromethorphan | 5.224 | 2188018 | 179245.6 | 67.75 | 253990.5 | 395006 | 235.073 ng/ml |
| Dextrorphan | 4.075 | 3662417 | ∞ | 44.41 | 130318.4 | 674154 | 244.384 ng/ml |
| Diazepam | 5.922 | 1585308 | ∞ | 82.11 | 33661.1 | 221518 | 252.122 ng/ml |
| Dihydrocodeine | 2.457 | 1119060 | 2356.4 | 61.39 | 12775.8 | 349489 | 231.086 ng/ml |
| Diphenhydramine | 5.255 | 12800430 | 469718.6 | 27.62 | 492673.3 | 1525490 | 262.806 ng/ml |
| Doxylamine | 4.481 | 13138538 | 614602.8 | 94.86 | 1495279.9 | 1556462 | 255.984 ng/ml |
| Duloxetine | 5.626 | 208533 | 935.3 | 10.57 | 4236.9 | 20613 | 276.669 ng/ml |
| EDDP | 5.218 | 4124812 | 193145.7 | 44.00 | ∞ | 811483 | 240.261 ng/ml |
| Etizolam | 5.779 | 237589 | 105362.3 | 392.79 | 139204.3 | 221518 | 265.798 ng/ml |
| Fentanyl | 5.036 | 274296 | 10831.8 | 138.33 | ∞ | 495681 | 24.914 ng/ml |
| Flualprazolam | 5.671 | 551721 | 14788.0 | 92.71 | 1579.6 | 84078 | 270.285 ng/ml |
| Fluorofentanyl | 5.097 | 300037 | 168087.7 | 118.58 | 12673.2 | 5146 | 24.694 ng/ml |
| Fluoxetine | 5.693 | 1489322 | 156932.8 | 6.67 | 188924.4 | 190659 | 249.736 ng/ml |
| Hydrocodone | 2.941 | 1516205 | ∞ | 37.37 | ∞ | 336163 | 243.826 ng/ml |



AM #28 Multi-Drug Quant. Results

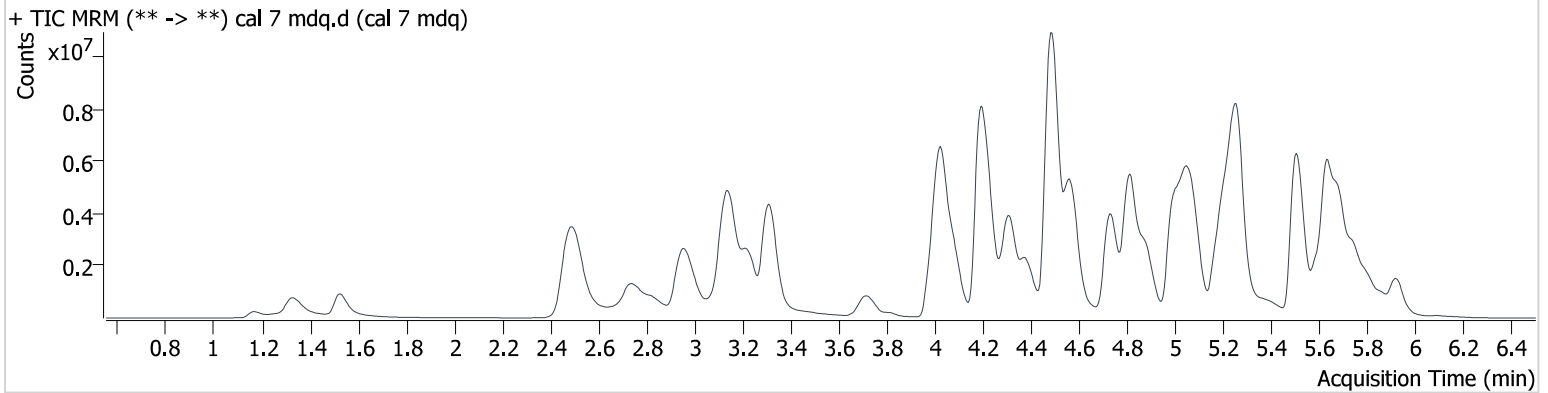
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|---------|----------|--------|-----------|------------|---------------|
| Hydromorphone | 1.532 | 1216025 | ∞ | 72.63 | ∞ | 147181 | 251.141 ng/ml |
| Hydroxyzine | 5.675 | 2900385 | 2295.1 | 117.52 | 308081.3 | 1298345 | 252.639 ng/ml |
| Ketamine | 3.989 | 3480369 | ∞ | 38.23 | 14215.0 | 512181 | 259.653 ng/ml |
| Lamotrigine | 4.239 | 195728 | 21176.0 | 94.86 | ∞ | 283060 | 252.186 ng/ml |
| Lorazepam | 5.713 | 168864 | ∞ | 46.19 | ∞ | 61615 | 257.500 ng/ml |
| MDA | 3.116 | 2531879 | ∞ | 29.43 | ∞ | 283060 | 241.276 ng/ml |
| MDMA | 3.228 | 2924247 | 504879.6 | 111.95 | 211267.4 | 136146 | 249.413 ng/ml |
| Meprobamate | 4.844 | 775264 | 56071.0 | 31.02 | 1768.7 | 97144 | 244.203 ng/ml |
| Methadone | 5.630 | 7330509 | 347681.1 | 45.00 | 76891.3 | 868202 | 250.013 ng/ml |
| Methamphetamine | 3.148 | 6969627 | 168345.7 | 39.99 | 45911.1 | 1302132 | 230.220 ng/ml |
| Metoprolol | 4.278 | 806249 | 301149.0 | 96.49 | ∞ | 283060 | 268.751 ng/ml |
| Mirtazapine | 4.566 | 7241208 | 632108.6 | 47.69 | 323419.7 | 612387 | 260.646 ng/ml |
| Mitragynine | 5.168 | 1046145 | 31688.0 | 34.46 | 13382.4 | 1298345 | 242.552 ng/ml |
| Morphine | 1.176 | 205251 | 19570.3 | 16.40 | 1941.9 | 8727 | 279.990 ng/ml |
| Norbuprenorphine | 4.947 | 34981 | 417582.9 | 100.50 | 45235.0 | 19920 | 25.882 ng/ml |
| Nordiazepam | 5.866 | 692709 | 87255.2 | 61.33 | ∞ | 84078 | 249.666 ng/ml |
| Norfentanyl | 4.040 | 63146 | 7574.4 | 265.53 | 21624.9 | 664418 | 24.995 ng/ml |
| Noroxycodone | 2.829 | 890243 | 12193.5 | 51.55 | 103465.3 | 119756 | 249.126 ng/ml |
| O-desmethyl-tramadol | 3.313 | 8994374 | 366090.2 | 6.13 | 42323.8 | 1534816 | 249.189 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 2222204 | 1752.8 | 235.75 | 81499.3 | 270618 | 252.857 ng/ml |
| Olanzapine | 4.373 | 2355389 | 10576.4 | 46.24 | 6622.7 | 186366 | 254.515 ng/ml |
| Oxazepam | 5.715 | 304410 | ∞ | 72.02 | ∞ | 61615 | 252.401 ng/ml |
| Oxycodone | 2.741 | 3057837 | ∞ | 28.39 | 28494.8 | 464539 | 250.534 ng/ml |
| Oxymorphone | 1.329 | 1880941 | ∞ | 46.36 | ∞ | 246328 | 253.374 ng/ml |
| Phentermine | 3.719 | 1205199 | ∞ | 11.59 | 6871.4 | 612387 | 237.398 ng/ml |
| Promethazine | 5.516 | 4641798 | 104796.5 | 37.03 | 513835.4 | 761805 | 257.704 ng/ml |
| Pseudoephedrine | 2.496 | 9447625 | ∞ | 17.23 | ∞ | 1298345 | 245.144 ng/ml |
| Quetiapine | 5.492 | 5065599 | ∞ | 62.78 | 1504234.4 | 309463 | 260.963 ng/ml |
| Sertraline | 5.755 | 370151 | 50565.0 | 100.46 | 75929.0 | 57720 | 235.945 ng/ml |
| Temazepam | 5.781 | 1542469 | 397988.6 | 30.19 | 21092.9 | 305415 | 237.155 ng/ml |
| Tramadol | 4.192 | 7819580 | ∞ | 3.24 | ∞ | 1424115 | 245.106 ng/ml |
| Trazodone | 5.030 | 2645896 | 164407.0 | 121.32 | 164540.5 | 590901 | 252.292 ng/ml |
| Venlafaxine | 4.996 | 6463307 | 336545.1 | 43.71 | 51838.5 | 1274049 | 242.255 ng/ml |
| Zolpidem | 4.811 | 9008525 | 483093.3 | 27.26 | 244698.3 | 1590160 | 256.388 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

Instrument 69679 **Data File** cal 7 mdq.d
Type Cal **Sample** cal 7 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-G5 **Comment** Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume 3
Acq. Date-Time 6/28/2023 12:31:23 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|--------|----------|------------|---------------|
| 6-MAM | 3.072 | 138968 | 1176891.4 | 135.06 | ∞ | 71664 | 50.824 ng/ml |
| 7-aminoclonazepam | 4.185 | 621885 | 13377.1 | 112.69 | 56489.3 | 98673 | 350.956 ng/ml |
| a-hydroxyalprazolam | 5.655 | 99137 | 1132.3 | 61.38 | 412.3 | 31800 | 546.145 ng/ml |
| alpha-PHP | 4.879 | 2516019 | 28596.5 | 253.16 | 11440.7 | 579335 | 502.814 ng/ml |
| alpha-PVP | 4.311 | 8212836 | 1277019.2 | 52.80 | 178674.7 | 579335 | 508.907 ng/ml |
| Alprazolam | 5.739 | 2731884 | 4419.9 | 90.56 | ∞ | 113743 | 510.922 ng/ml |
| Amphetamine | 2.964 | 2981235 | 57424.2 | 262.73 | 118718.2 | 291494 | 333.203 ng/ml |
| Benzoylcegonine | 3.812 | 298735 | 34531.5 | 41.48 | 15766.8 | 19295 | 505.743 ng/ml |
| Buprenorphine | 5.659 | 151875 | ∞ | 14.63 | 5323.7 | 43807 | 49.925 ng/ml |
| Bupropion | 4.734 | 8529665 | 715793.1 | 70.53 | 150862.3 | 533055 | 498.961 ng/ml |
| Carisoprodol | 5.695 | 988370 | 3315241.0 | 59.47 | ∞ | 63436 | 487.729 ng/ml |
| Chlordiazepoxide | 5.813 | 569922 | 890.0 | 101.43 | 1553.1 | 217942 | 503.291 ng/ml |
| Chlorpheniramine | 5.068 | 13946246 | 141489.6 | 0.32 | 7399.8 | 1060191 | 502.437 ng/ml |
| Citalopram | 5.175 | 4577674 | 1116341.1 | 42.88 | 562211.4 | 316885 | 505.055 ng/ml |
| Clonazepam | 5.567 | 898802 | 142399.8 | 33.97 | ∞ | 30062 | 518.689 ng/ml |
| Clonazolam | 5.524 | 876122 | 24680.4 | 38.72 | ∞ | 55345 | 441.108 ng/ml |
| Cocaine | 4.220 | 5007078 | ∞ | 48.95 | 170239.7 | 772153 | 501.837 ng/ml |
| Codeine | 2.493 | 473277 | 33597.6 | 93.03 | ∞ | 43117 | 455.993 ng/ml |
| Cyclobenzaprine | 5.595 | 4361245 | 6863990.3 | 9.31 | ∞ | 267941 | 491.609 ng/ml |
| Dextromethorphan | 5.224 | 3346040 | 378905.3 | 66.05 | 577127.9 | 278602 | 509.606 ng/ml |
| Dextrorphan | 4.075 | 5844183 | 1025859.5 | 44.40 | 199762.3 | 531135 | 494.191 ng/ml |
| Diazepam | 5.922 | 2433190 | 39095.2 | 85.31 | ∞ | 175321 | 488.692 ng/ml |
| Dihydrocodeine | 2.447 | 1790507 | ∞ | 60.80 | 7381.1 | 308951 | 419.428 ng/ml |
| Diphenhydramine | 5.260 | 19361730 | ∞ | 25.54 | 135485.6 | 1096847 | 551.986 ng/ml |
| Doxylamine | 4.487 | 22492955 | 948121.6 | 96.34 | 728361.5 | 1345590 | 507.296 ng/ml |
| Duloxetine | 5.626 | 210463 | 921.1 | 11.53 | 479.8 | 12739 | 451.798 ng/ml |
| EDDP | 5.213 | 7254542 | 3514115.3 | 43.31 | 113309.1 | 672201 | 510.390 ng/ml |
| Etizolam | 5.779 | 336976 | 183676.4 | 388.09 | ∞ | 175321 | 476.367 ng/ml |
| Fentanyl | 5.036 | 412440 | 41854.1 | 141.95 | ∞ | 360480 | 51.529 ng/ml |
| Flualprazolam | 5.671 | 560689 | 2582.3 | 104.03 | 4554.9 | 55345 | 417.597 ng/ml |
| Fluorofentanyl | 5.097 | 529762 | 401111.9 | 115.49 | 18456.0 | 4213 | 53.143 ng/ml |
| Fluoxetine | 5.693 | 1896548 | 22772.1 | 6.82 | 39272.3 | 118358 | 512.225 ng/ml |
| Hydrocodone | 2.941 | 2593433 | ∞ | 37.48 | ∞ | 285342 | 492.016 ng/ml |



AM #28 Multi-Drug Quant. Results

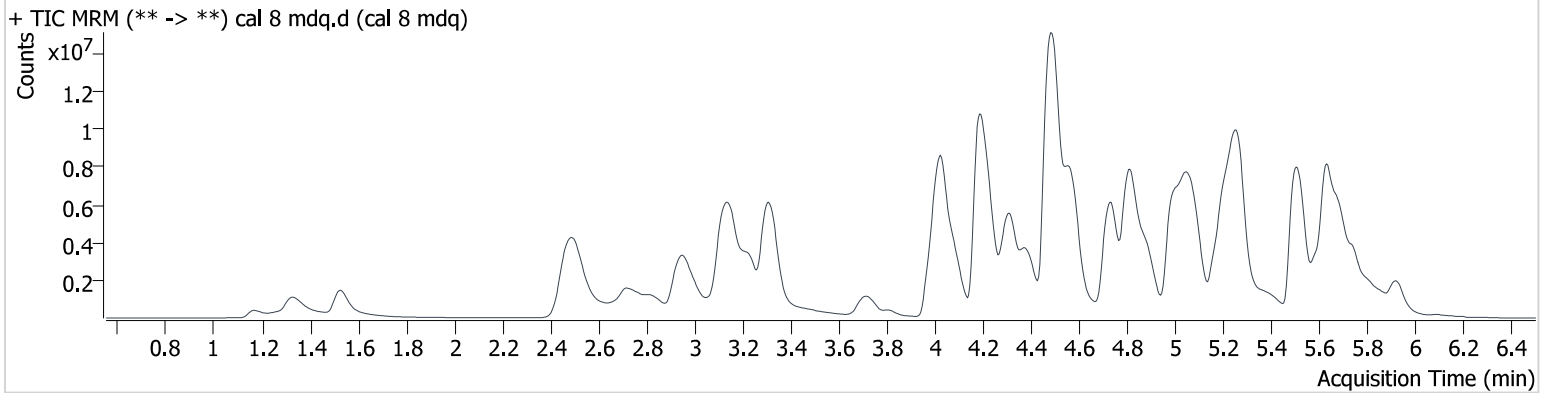
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|-----------|--------|----------------------|------------|---------------|
| Hydromorphone | 1.527 | 2090847 | ∞ | 72.44 | ∞ | 124890 | 508.860 ng/ml |
| Hydroxyzine | 5.676 | 4543682 | 11308.1 | 116.01 | 4927.7 | 942134 | 545.043 ng/ml |
| Ketamine | 3.984 | 5162762 | 447642.6 | 38.14 | 48440.8 | 423573 | 466.445 ng/ml |
| Lamotrigine | 4.239 | 231843 | 25937.9 | 93.51 | 28720.6 | 197832 | 427.659 ng/ml |
| Lorazepam | 5.713 | 194881 | 5249.7 | 46.27 | 85105.0 | 31800 | 575.377 ng/ml |
| MDA | 3.106 | 2987329 | ∞ | 29.31 | ∞ | 197832 | 408.071 ng/ml |
| MDMA | 3.223 | 4460084 | 314696.9 | 109.07 | 146005.7 | 107296 | 482.537 ng/ml |
| Meprobamate | 4.844 | 914220 | 44226.3 | 30.58 | 29673.6 | 60190 | 465.836 ng/ml |
| Methadone | 5.630 | 11846064 | 297117.1 | 44.89 | 142323.4 | 719440 | 487.393 ng/ml |
| Methamphetamine | 3.143 | 10793562 | 246583.2 | 38.75 | 438846.7 | 1155219 | 405.171 ng/ml |
| Metoprolol | 4.273 | 1044232 | 466231.2 | 98.90 | ∞ | 197832 | 497.746 ng/ml |
| Mirtazapine | 4.564 | 12218643 | 2376009.9 | 46.84 | 312123.7 | 531079 | 507.135 ng/ml |
| Mitragynine | 5.168 | 1682499 | 62919.2 | 35.37 | 10834.8 | 942134 | 537.295 ng/ml |
| Morphine | 1.171 | 355574 | 141224.4 | 17.21 | 12412.6 | 8051 | 525.801 ng/ml |
| Norbuprenorphine | 4.947 | 58085 | 432215.6 | 102.78 | 132198.3 | 17938 | 47.901 ng/ml |
| Nordiazepam | 5.866 | 891831 | ∞ | 62.35 | 83049.4 | 55345 | 488.360 ng/ml |
| Norfentanyl | 4.035 | 79390 | 7595.3 | 274.06 | 42373.9 | 401416 | 51.979 ng/ml |
| Noroxycodone | 2.824 | 1348232 | 15249.8 | 48.19 | ∞ | 84156 | 536.384 ng/ml |
| O-desmethyl-tramadol | 3.309 | 15437388 | 1330287.3 | 5.96 | 62319.5 | 1351305 | 485.943 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 3244609 | 3500.6 | 233.56 | 50049.9 | 200441 | 498.829 ng/ml |
| Olanzapine | 4.378 | 4755875 | 34673.2 | 46.80 | 17378.0 | 182112 | 525.083 ng/ml |
| Oxazepam | 5.715 | 307959 | 73199.0 | 74.08 | ∞ | 31800 | 494.468 ng/ml |
| Oxycodone | 2.731 | 4554996 | ∞ | 29.71 | 16010.6 | 372069 | 467.083 ng/ml |
| Oxymorphone | 1.324 | 3174519 | ∞ | 45.35 | ∞ | 208133 | 506.328 ng/ml |
| Phentermine | 3.719 | 1881102 | ∞ | 11.20 | 12781.9 | 531079 | 428.047 ng/ml |
| Promethazine | 5.516 | 7829807 | 716668.4 | 36.21 | ∞ | 641876 | 515.381 ng/ml |
| Pseudoephedrine | 2.496 | 14328617 | ∞ | 16.49 | 7246095566 1009.8 | 942134 | 512.154 ng/ml |
| Quetiapine | 5.486 | 7720068 | 104378.3 | 61.45 | 1078301.3 | 266796 | 462.002 ng/ml |
| Sertraline | 5.750 | 414205 | 59063.8 | 99.01 | 11526.3 | 31923 | 477.478 ng/ml |
| Temazepam | 5.781 | 1634439 | 40530.5 | 32.17 | 6951.7 | 148630 | 515.907 ng/ml |
| Tramadol | 4.187 | 12160671 | ∞ | 3.21 | ∞ | 1069017 | 508.573 ng/ml |
| Trazodone | 5.030 | 3660586 | ∞ | 126.32 | ∞ | 437928 | 471.427 ng/ml |
| Venlafaxine | 4.991 | 10683249 | 524362.1 | 41.44 | 154505.8 | 1022116 | 497.610 ng/ml |
| Zolpidem | 4.812 | 14935103 | ∞ | 27.81 | 276015.7 | 1398382 | 483.779 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\am 27-28\062823\QuantResults\mdq.batch.bin
Calibration Last Update 6/29/2023 11:10:04 AM

| | | | |
|-------------------------|-----------------------|------------------|--|
| Instrument | 69679 | Data File | cal 8 mdq.d |
| Type | Cal | Sample | cal 8 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-H5 | Comment | Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods. |
| Injection Volume | 3 | | |
| Acq. Date-Time | 6/28/2023 12:48:50 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|--------|-------------|------------|----------------|
| 6-MAM | 3.067 | 244401 | 171700.8 | 139.06 | ∞ | 64858 | 98.812 ng/ml |
| 7-aminoclonazepam | 4.175 | 549970 | ∞ | 114.13 | 411154.6 | 65524 | 467.717 ng/ml |
| a-hydroxyalprazolam | 5.655 | 88204 | ∞ | 68.38 | 696.3 | 18625 | 828.876 ng/ml |
| alpha-PHP | 4.879 | 3853711 | 10381.6 | 258.25 | 4843.7 | 442981 | 1007.042 ng/ml |
| alpha-PVP | 4.311 | 12963395 | ∞ | 51.89 | 925579.9 | 442981 | 1050.312 ng/ml |
| Alprazolam | 5.734 | 3202667 | ∞ | 91.57 | ∞ | 72565 | 938.739 ng/ml |
| Amphetamine | 2.964 | 3703297 | 798464.2 | 258.00 | 196811.4 | 241244 | 500.853 ng/ml |
| Benzoylcegonine | 3.812 | 665175 | 71720.7 | 41.48 | 35971.4 | 21079 | 1031.011 ng/ml |
| Buprenorphine | 5.659 | 134097 | 103323.4 | 16.40 | 13571.5 | 19659 | 98.249 ng/ml |
| Bupropion | 4.735 | 14207834 | 8269882.1 | 67.59 | 325014.7 | 478915 | 925.580 ng/ml |
| Carisoprodol | 5.695 | 936582 | 7009795.5 | 60.90 | 13380.3 | 28671 | 1022.572 ng/ml |
| Chlordiazepoxide | 5.813 | 700623 | 5755.5 | 95.72 | 256276.1 | 133460 | 1010.573 ng/ml |
| Chlorpheniramine | 5.068 | 22428010 | 182400.2 | 0.32 | 5364.4 | 864706 | 990.905 ng/ml |
| Citalopram | 5.170 | 5130666 | 284280.1 | 44.23 | 192015719.6 | 185896 | 965.034 ng/ml |
| Clonazepam | 5.567 | 917453 | 36072.8 | 31.73 | 387648.1 | 16680 | 954.369 ng/ml |
| Clonazolam | 5.534 | 881399 | 1471.1 | 38.47 | 3322.5 | 30580 | 803.765 ng/ml |
| Cocaine | 4.220 | 6984125 | 209245.4 | 49.59 | 2407984.7 | 529671 | 1020.455 ng/ml |
| Codeine | 2.493 | 648983 | 55617.9 | 93.86 | ∞ | 32996 | 818.127 ng/ml |
| Cyclobenzaprine | 5.590 | 6179268 | 2433854.4 | 8.76 | 31689.6 | 185941 | 1003.887 ng/ml |
| Dextromethorphan | 5.224 | 3540537 | 209728.3 | 70.71 | ∞ | 144558 | 1039.170 ng/ml |
| Dextrorphan | 4.075 | 9107987 | 265591.7 | 44.12 | 459080.1 | 401896 | 1017.043 ng/ml |
| Diazepam | 5.922 | 3487863 | ∞ | 79.19 | ∞ | 119942 | 1023.675 ng/ml |
| Dihydrocodeine | 2.442 | 2857361 | 6181.6 | 61.34 | 3819.8 | 290431 | 713.030 ng/ml |
| Diphenhydramine | 5.266 | 25805858 | ∞ | 24.23 | 153023.4 | 831790 | 969.537 ng/ml |
| Doxylamine | 4.487 | 35768495 | 449390.1 | 96.21 | 857873.2 | 1240721 | 875.171 ng/ml |
| Duloxetine | 5.631 | 235534 | 2420.6 | 11.94 | 202.1 | 6531 | 986.114 ng/ml |
| EDDP | 5.213 | 13746375 | ∞ | 41.79 | 308708.8 | 614190 | 1058.728 ng/ml |
| Etizolam | 5.779 | 458738 | 168098.5 | 386.03 | 185168.9 | 119942 | 947.973 ng/ml |
| Fentanyl | 5.031 | 535179 | ∞ | 148.11 | 1452149.4 | 237291 | 101.591 ng/ml |
| Flualprazolam | 5.676 | 649665 | 5948.0 | 93.18 | 2403.3 | 30580 | 876.347 ng/ml |
| Fluorofentanyl | 5.102 | 815441 | 1042262.2 | 114.01 | 40657.1 | 2734 | 125.919 ng/ml |
| Fluoxetine | 5.698 | 2558559 | 228881.4 | 6.98 | 174823.0 | 79670 | 1026.517 ng/ml |
| Hydrocodone | 2.936 | 4585233 | ∞ | 37.43 | ∞ | 249970 | 993.667 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|------------------------|-------|----------|-------------------------|--------|-----------|------------|----------------|
| Hydromorphone | 1.527 | 3687232 | ∞ | 72.75 | ∞ | 110711 | 1012.278 ng/ml |
| Hydroxyzine | 5.675 | 5464440 | 3082.9 | 118.53 | 200802.5 | 648425 | 952.162 ng/ml |
| Ketamine | 3.979 | 7298156 | 2709899.3 | 37.85 | 145057.6 | 340576 | 820.732 ng/ml |
| Lamotrigine | 4.244 | 214930 | 29337.9 | 94.17 | 628287.0 | 130811 | 599.736 ng/ml |
| Lorazepam | 5.713 | 254481 | ∞ | 47.11 | 92604.9 | 18625 | 1282.449 ng/ml |
| MDA | 3.096 | 3283742 | 1689638967 5938100.0 | 28.61 | ∞ | 130811 | 679.103 ng/ml |
| MDMA | 3.223 | 6875523 | 305480.7 | 101.16 | 677043.2 | 74260 | 1074.576 ng/ml |
| Meprobamate | 4.839 | 895579 | 18704.4 | 30.35 | 8340.5 | 31685 | 867.902 ng/ml |
| Methadone | 5.630 | 17861445 | 189486.4 | 44.01 | 491982.7 | 509533 | 1037.434 ng/ml |
| Methamphetamine | 3.143 | 15310280 | 3705339.0 | 37.87 | ∞ | 1097011 | 607.400 ng/ml |
| Metoprolol | 4.273 | 1239843 | 222432.3 | 97.67 | ∞ | 130811 | 893.509 ng/ml |
| Mirtazapine | 4.564 | 19434537 | 5548456.7 | 46.53 | 2528777.7 | 480967 | 890.669 ng/ml |
| Mitragynine | 5.163 | 2454697 | 110268.3 | 35.91 | 107089.6 | 648425 | 1138.695 ng/ml |
| Morphine | 1.171 | 568782 | 136700.2 | 19.51 | 21216.4 | 7742 | 874.596 ng/ml |
| Norbuprenorphine | 4.947 | 96752 | ∞ | 96.54 | 2260992.2 | 14573 | 98.429 ng/ml |
| Nordiazepam | 5.866 | 988607 | ∞ | 62.04 | 18580.6 | 30580 | 979.806 ng/ml |
| Norfentanyl | 4.035 | 82554 | 6673.9 | 281.99 | 15672.1 | 202532 | 107.092 ng/ml |
| Noroxycodone | 2.829 | 1823460 | 4030.2 | 49.34 | ∞ | 53623 | 1138.017 ng/ml |
| O-desmethyl-tramadol | 3.309 | 25266153 | 529613.2 | 5.87 | 153961.5 | 1070627 | 1004.034 ng/ml |
| O-Desmethylvenlafaxine | 4.023 | 4323943 | 982.4 | 238.61 | 83740.7 | 138573 | 961.924 ng/ml |
| Olanzapine | 4.378 | 8393185 | 26597.4 | 46.82 | 24968.3 | 160960 | 1047.676 ng/ml |
| Oxazepam | 5.715 | 364588 | 32289.9 | 74.59 | ∞ | 18625 | 999.219 ng/ml |
| Oxycodone | 2.711 | 6477905 | ∞ | 29.61 | 51250.4 | 304574 | 812.440 ng/ml |
| Oxymorphone | 1.329 | 5256586 | ∞ | 44.56 | ∞ | 181016 | 964.217 ng/ml |
| Phentermine | 3.719 | 2895478 | ∞ | 10.45 | 25041.8 | 480967 | 728.203 ng/ml |
| Promethazine | 5.516 | 12361648 | 1978297.4 | 35.06 | 144670.8 | 482459 | 1081.955 ng/ml |
| Pseudoephedrine | 2.496 | 20354276 | ∞ | 16.54 | ∞ | 648425 | 1056.865 ng/ml |
| Quetiapine | 5.486 | 10433729 | ∞ | 59.62 | 8658462.5 | 207444 | 803.704 ng/ml |
| Sertraline | 5.750 | 706187 | 67176.7 | 97.54 | 87305.7 | 22029 | 1179.790 ng/ml |
| Temazepam | 5.781 | 1718043 | 173287.0 | 32.18 | 6633.8 | 73120 | 1101.863 ng/ml |
| Tramadol | 4.182 | 18093438 | ∞ | 3.17 | ∞ | 909951 | 889.504 ng/ml |
| Trazodone | 5.030 | 4132520 | 6151393.8 | 125.15 | 354066.1 | 263816 | 883.909 ng/ml |
| Venlafaxine | 4.991 | 16815588 | 315498.3 | 40.20 | 339445.1 | 784576 | 1018.885 ng/ml |
| Zolpidem | 4.810 | 23985801 | 683585.2 | 27.38 | 2424835.4 | 1175699 | 924.542 ng/ml |