










REVIEWED

By Sarah Collins at 9:00 am, Dec 30, 2021



12/29/2021

Worklist: 5486

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|--|
| C2021-2631 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2634 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2635 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2650 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2664 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2664 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2681 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2681 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2701 | | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2021-2732 | 2 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |

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

Extraction Date 12/28/21 Analyst: Anne Nord
Plate lot#: 211018 (part IDP-121) Plate re-test: 04/18/22

Mobile phase A: 5mM Amm Form + 0.01% FA **Mobile phase B:** 0.01% Formic Acid in MeOH
0.5M Ammonium Hydroxide Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 21D52496 **Urine Blank lot:** blood only run

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.
- 3. Create worklist:

Analytic:

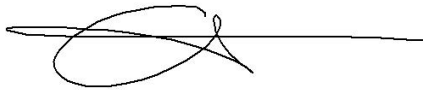
- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine hydrolysis pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature. Pipette 250µL blood (calibrated pipette) Pipette ID: 1926134 or 250µL hydrolyzed urine in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, 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:

Curve limits: amphetamine 5-250, buprenorphine 2.5-100, clonazepam 5-500, dihydrocodeine 5-500, MDA 5-500, methamphetamine 5-500, norbuprenorphine 2.5-100, norhydrocodone 10-1000, phentermine 5-500



| | 1 mix, 5 SLE and injection | 2 mix, 6 SLE and injection | 3 mix, 7 SLE and injections | | | | | | | | | |
|---|----------------------------|----------------------------|-----------------------------|--|-------------|-----------|--|--|--|--|-----------|-------------|
| A | IS + Cal. 1 | IS + QC_1 | 2650-1 | | IS + Cal. 1 | IS + QC_1 | | | | | | IS + Cal. 8 |
| B | IS + Cal. 2 | IS + QC_2 | 2635-1 | | IS + Cal. 2 | IS + QC_2 | | | | | | IS + Cal. 7 |
| C | IS + Cal. 3 | qc3 | 2664-2 | | IS + Cal. 3 | IS + QC_3 | | | | | | IS + Cal. 6 |
| D | IS + Cal. 4 | IS + QC_4 | 2664-1 | | IS + Cal. 4 | IS + QC_4 | | | | | qc2 urine | IS + Cal. 5 |
| E | IS + Cal. 5 | Qc 2 urine | 2681-1 | | IS + Cal. 5 | qc2 urine | | | | | IS + QC_4 | IS + Cal. 4 |
| F | IS + Cal. 6 | negative blood | 2701-1 | | IS + Cal. 6 | | | | | | IS + QC_3 | IS + Cal. 3 |
| G | IS + Cal. 7 | 2634-1 | 2681-2 | | IS + Cal. 7 | | | | | | IS + QC_2 | IS + Cal. 2 |
| H | IS + Cal. 8 | 2631-1 | 2732-2 | | IS + Cal. 8 | | | | | | IS + QC_1 | IS + Cal. 1 |

Run blanks before

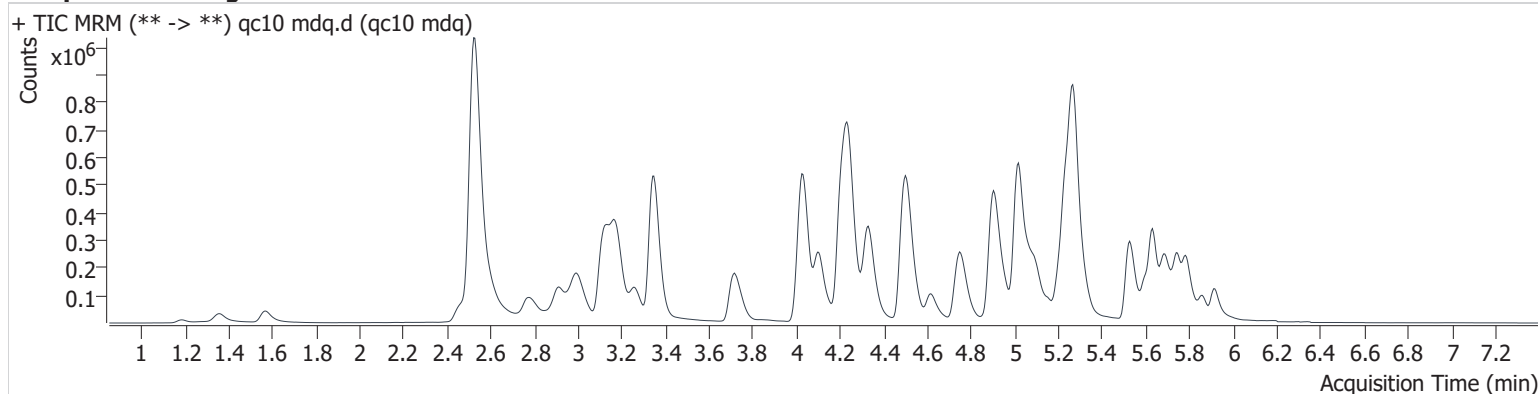
c2021-__-__

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

Instrument 69679 **Data File** qc10 mdq.d
Type QC **Sample** qc10 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A6 **Comment**
Injection Volume 3
Acq. Date-Time 12/28/2021 3:48:26 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|--------------|-------------|----------|-------------|----------|--------------|------------------------|
| 6-MAM | 3.124 | 2182 | ∞ | 137.7 | 7895.2 | 63073 | 1.059 ng/ml |
| 7-aminoclonazepam | 4.261 | 53385 | 37529.4 | 65.6 | 891.9 | 217530 | 10.075 ng/ml |
| a-hydroxyalprazolam | 5.676 | 5909 | ∞ | 41.8 | ∞ | 48051 | 10.973 ng/ml |
| alpha-PHP | 4.904 | 136580 | 3911.2 | 39.4 | 1666.7 | 469355 | 9.729 ng/ml |
| alpha-PVP | 4.341 | 175287 | 24937.7 | 53.8 | 2649.7 | 839335 | 9.766 ng/ml |
| Alprazolam | 5.750 | 64815 | 1514.0 | 94.1 | 2313.6 | 242500 | 9.109 ng/ml |
| Amphetamine | 3.001 | 112653 | 2649.7 | 251.4 | ∞ | 469355 | 10.766 ng/ml |
| Benzoylcegonine | 3.870 | 2625 | 2713.0 | 62.3 | 111.6 | 8567 | 9.419 ng/ml |
| Buprenorphine | 5.763 | 1067 | ∞ | 19.5 | ∞ | 63500 | 1.158 ng/ml ocr |
| Bupropion | 4.764 | 161338 | 9998.6 | 75.3 | 5293.5 | 699428 | 9.797 ng/ml |
| Carisoprodol | 5.705 | 35465 | ∞ | 67.7 | 351.2 | 168315 | 9.784 ng/ml |
| Citalopram | 5.207 | 106673 | 6375.1 | 30.0 | 1200.1 | 518311 | 10.266 ng/ml |
| Clonazepam | 5.599 | 24352 | 2308.0 | 33.2 | 17993.6 | 48051 | 10.923 ng/ml |
| Clonazepam | 5.540 | 42423 | ∞ | 40.0 | ∞ | 217530 | 9.336 ng/ml |
| Cocaine | 4.240 | 118841 | 14249.3 | 52.6 | 4918.6 | 989960 | 10.198 ng/ml |
| Codeine | 2.542 | 15918 | 2776.4 | 92.2 | 2018.0 | 76385 | 10.412 ng/ml |
| Cyclobenzaprine | 5.606 | 70480 | 1335.8 | 9.8 | 1687.6 | 219902 | 10.293 ng/ml |
| Dextromethorphan | 5.246 | 74224 | 2232.2 | 76.6 | ∞ | 357337 | 10.162 ng/ml |
| Dextrophan | 4.108 | 108679 | 4031.1 | 44.3 | 2759.6 | 590087 | 9.650 ng/ml |
| Diazepam | 5.923 | 42404 | ∞ | 97.9 | 949.1 | 231170 | 9.648 ng/ml |
| Dihydrocodeine | 2.500 | 42729 | 940.3 | 62.6 | 983.3 | 276590 | 10.646 ng/ml |
| Diphenhydramine | 5.272 | 324780 | 8770.6 | 31.8 | 3072.3 | 1728026 | 10.060 ng/ml |
| Doxylamine | 4.515 | 364524 | 9696.4 | 72.5 | 6569.9 | 1494982 | 10.015 ng/ml |
| EDDP | 5.240 | 156556 | 16496.8 | 41.5 | 1914.7 | 849095 | 10.301 ng/ml |
| Etizolam | 5.785 | 1789 | 3449.1 | 92.1 | ∞ | 242500 | 10.483 ng/ml |
| Fentanyl | 5.083 | 8201 | ∞ | 112.7 | 6636.9 | 391828 | 0.988 ng/ml |
| Flualprazolam | 5.681 | 36769 | 37730.3 | 90.4 | 224123.8 | 242500 | 10.230 ng/ml |
| Fluoxetine | 5.687 | 74279 | 16527.4 | 5.9 | 3112.6 | 213365 | 11.451 ng/ml |
| Hydrocodone | 2.998 | 41289 | 881.5 | 35.6 | 131094.7 | 260388 | 10.081 ng/ml |
| Hydromorphone | 1.577 | 31319 | 1455.9 | 64.6 | 705.3 | 117775 | 10.503 ng/ml |
| Ketamine | 4.031 | 126137 | 5445.0 | 34.0 | 1011.7 | 665366 | 10.345 ng/ml |
| Lamotrigine | 4.273 | 11546 | 570.8 | 93.6 | 4723.1 | 168315 | 9.569 ng/ml |
| Levetiracetam | 2.605 | 42654 | 2124.2 | 225.4 | 4494.2 | 849095 | 11.364 ng/ml |

AM #28 Multi-Drug Quant. Results

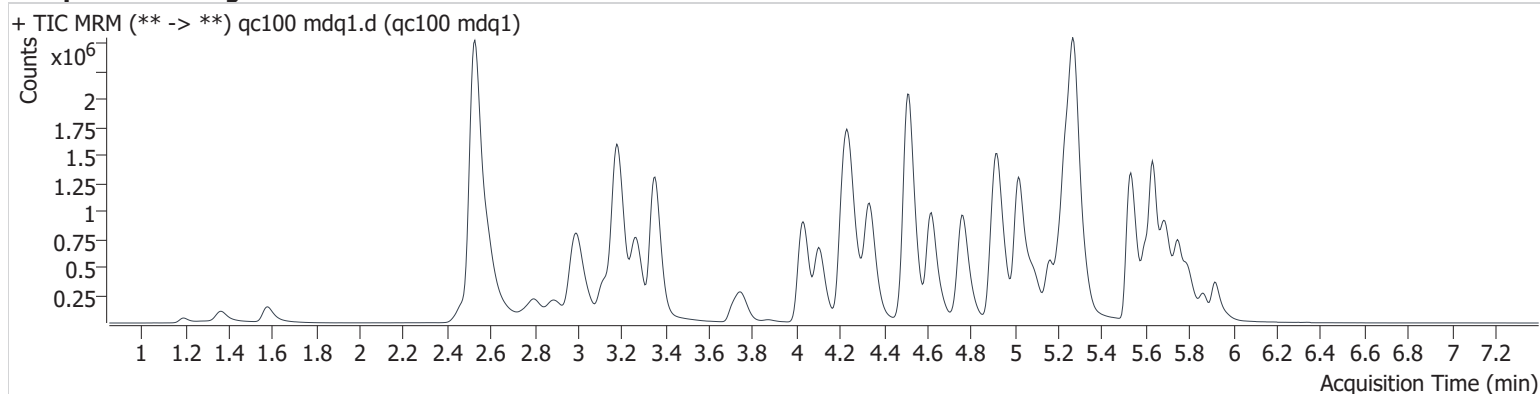
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|---------|-----------------|----------|------------|------------------------|
| Lorazepam | 5.723 | 13215 | ∞ | 40.9 | 4919.6 | 48051 | 10.286 ng/ml |
| MDA | 3.173 | 152494 | ∞ | 27.4 | 7471.3 | 461821 | 10.645 ng/ml |
| MDMA | 3.266 | 126527 | 11048.8 | 97.3 | 5302.2 | 118349 | 9.942 ng/ml |
| Meprobamate | 4.894 | 23649 | ∞ | 31.2 | 262.2 | 168315 | 10.200 ng/ml |
| Methadone | 5.635 | 147977 | 625.6 | 69.5 | 1078.6 | 630015 | 9.965 ng/ml |
| Methamphetamine | 3.185 | 312862 | 2341.4 | 38.5 | 2833.5 | 1121293 | 8.985 ng/ml |
| Metoprolol | 4.303 | 29575 | ∞ | 101.2 | ∞ | 461821 | 9.665 ng/ml |
| Mirtazapine | 4.618 | 201020 | 5395.5 | 53.1 | 8000.7 | 630015 | 11.590 ng/ml |
| Mitragynine | 5.222 | 27720 | ∞ | 32.4 | 1268.7 | 11881 | 8.607 ng/ml |
| Morphine | 1.191 | 3787 | 257.7 | 19.4 | 162.9 | 7796 | 10.376 ng/ml |
| Norbuprenorphine | 4.983 | 308 | 121.9 | 64.4 Low | 873.5 | 11881 | 2.246 ng/ml ocr |
| Nordiazepam | 5.866 | 35867 | 21213.7 | 58.6 | ∞ | 135369 | 10.206 ng/ml |
| Norfentanyl | 4.058 | 8732 | 345.9 | 39.5 | ∞ | 1174516 | 0.984 ng/ml |
| Norhydrocodone | 3.039 | 3122 | 231.6 | 25.7 | 162.1 | 63695 | 9.641 ng/ml |
| Noroxycodone | 2.884 | 30845 | ∞ | 44.6 | ∞ | 89480 | 9.990 ng/ml |
| O-desmethyl-tramadol | 3.353 | 285907 | 8598.6 | 6.8 | 3327.0 | 1523026 | 9.842 ng/ml |
| Oxazepam | 5.730 | 23802 | 351.7 | 67.9 | 45.2 | 104170 | 10.278 ng/ml |
| Oxycodone | 2.802 | 66359 | ∞ | 31.2 | 1545.6 | 349023 | 10.297 ng/ml |
| Oxymorphone | 1.364 | 33529 | 18982.9 | 46.6 | 2376.2 | 98754 | 9.807 ng/ml |
| Phentermine | 3.755 | 48793 | 939.8 | 9.0 | 664.6 | 616783 | 10.330 ng/ml |
| Promethazine | 5.527 | 112525 | 4163.3 | 45.8 | 100310.0 | 509127 | 10.056 ng/ml |
| Pseudoephedrine | 2.534 | 660272 | 7753.9 | 24.0 | ∞ | 3293511 | 9.879 ng/ml |
| Quetiapine | 5.540 | 78413 | 1796.0 | 48.6 | ∞ | 167812 | 10.571 ng/ml |
| Sertraline | 5.750 | 22788 | 319.2 | 97.6 | ∞ | 85336 | 11.909 ng/ml |
| Temazepam | 5.792 | 73049 | 2389.9 | 30.8 | 567.2 | 399731 | 10.087 ng/ml |
| Tramadol | 4.221 | 308632 | 6955.7 | 3.9 | 412.9 | 1525281 | 10.066 ng/ml |
| Trazodone | 5.160 | 81090 | 1931.0 | 76.8 | 1437.6 | 398874 | 10.726 ng/ml |
| Venlafaxine | 5.017 | 212469 | 6257.0 | 32.5 | 821.3 | 1784546 | 10.350 ng/ml |
| Zolpidem | 4.922 | 252322 | 8139.4 | 28.9 | 3919.1 | 1286135 | 9.927 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

| | | | |
|-------------------------|-----------------------|------------------|--------------|
| Instrument | 69679 | Data File | qc100 mdq1.d |
| Type | QC | Sample | qc100 mdq1 |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-B6 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 12/28/2021 6:12:47 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|----------------------|------------|---------------|
| 6-MAM | 3.130 | 19199 | ∞ | 128.7 | 2123.4 | 59436 | 10.022 ng/ml |
| 7-aminoclonazepam | 4.261 | 397676 | 5160.0 | 66.9 | 9035.6 | 162868 | 98.295 ng/ml |
| a-hydroxyalprazolam | 5.671 | 33498 | 4371.9 | 52.2 | 7857522257 9175.6 | 32871 | 98.277 ng/ml |
| alpha-PHP | 4.909 | 1274233 | 42939.6 | 39.8 | 7626.7 | 430531 | 103.142 ng/ml |
| alpha-PVP | 4.341 | 1668330 | 72116.7 | 55.4 | 43607.0 | 807236 | 96.677 ng/ml |
| Alprazolam | 5.750 | 510094 | 2078.4 | 101.0 | 1387.8 | 203132 | 97.804 ng/ml |
| Amphetamine | 2.991 | 859126 | 22479.3 | 265.0 | 32188.9 | 430531 | 102.175 ng/ml |
| Benzoylcegonine | 3.875 | 25839 | 28316.1 | 58.7 | 2495.7 | 8389 | 104.092 ng/ml |
| Buprenorphine | 5.763 | 13158 | 48669.5 | 17.8 | 2628.1 | 66768 | 10.469 ng/ml |
| Bupropion | 4.764 | 1696692 | 1857609.7 | 72.6 | ∞ | 713387 | 100.103 ng/ml |
| Carisoprodol | 5.705 | 266207 | ∞ | 67.5 | 2583.8 | 125526 | 98.002 ng/ml |
| Citalopram | 5.207 | 1036968 | 43739.7 | 32.1 | ∞ | 528667 | 98.733 ng/ml |
| Clonazepam | 5.599 | 147639 | 216892.2 | 34.7 | 215305.3 | 32871 | 100.629 ng/ml |
| Clonazolam | 5.545 | 303632 | ∞ | 39.0 | 96002.1 | 162868 | 88.142 ng/ml |
| Cocaine | 4.240 | 1074022 | 213884.5 | 51.8 | 153871.4 | 909329 | 98.935 ng/ml |
| Codeine | 2.547 | 117508 | 3565.8 | 95.5 | 13864.0 | 64195 | 97.582 ng/ml |
| Cyclobenzaprine | 5.601 | 958114 | 44871.5 | 10.3 | ∞ | 316582 | 99.765 ng/ml |
| Dextromethorphan | 5.246 | 793477 | 84553.5 | 75.4 | 21725.1 | 394819 | 98.639 ng/ml |
| Dextrorphan | 4.108 | 1083849 | 239633.6 | 44.6 | 25367.7 | 589786 | 97.917 ng/ml |
| Diazepam | 5.923 | 413224 | ∞ | 90.9 | 2639.4 | 213060 | 101.478 ng/ml |
| Dihydrocodeine | 2.475 | 376467 | 9942.2 | 64.4 | 6461.0 | 258910 | 109.357 ng/ml |
| Diphenhydramine | 5.277 | 3423157 | 46697.9 | 31.2 | 40129.1 | 1862400 | 96.646 ng/ml |
| Doxylamine | 4.515 | 3690748 | 209240.5 | 74.4 | 501572.4 | 1508846 | 100.810 ng/ml |
| EDDP | 5.240 | 1589144 | 557018.8 | 42.3 | ∞ | 883500 | 99.215 ng/ml |
| Etizolam | 5.785 | 13440 | ∞ | 102.4 | ∞ | 203132 | 87.346 ng/ml |
| Fentanyl | 5.083 | 121633 | 143257.9 | 108.7 | 124716.9 | 560205 | 10.145 ng/ml |
| Flualprazolam | 5.681 | 300324 | 22523.8 | 90.4 | 5759.9 | 203132 | 104.197 ng/ml |
| Fluoxetine | 5.687 | 699240 | 27224.1 | 6.3 | 63496.1 | 226083 | 101.885 ng/ml |
| Hydrocodone | 2.998 | 369651 | ∞ | 41.3 | ∞ | 245208 | 99.259 ng/ml |
| Hydromorphone | 1.582 | 278093 | 5230.5 | 75.6 | 5474.0 | 106538 | 102.370 ng/ml |
| Ketamine | 4.031 | 1184974 | 6303844.1 | 34.9 | 29657.3 | 649198 | 103.008 ng/ml |
| Lamotrigine | 4.278 | 99080 | 40689.6 | 90.2 | 4875.3 | 125526 | 99.163 ng/ml |



AM #28 Multi-Drug Quant. Results

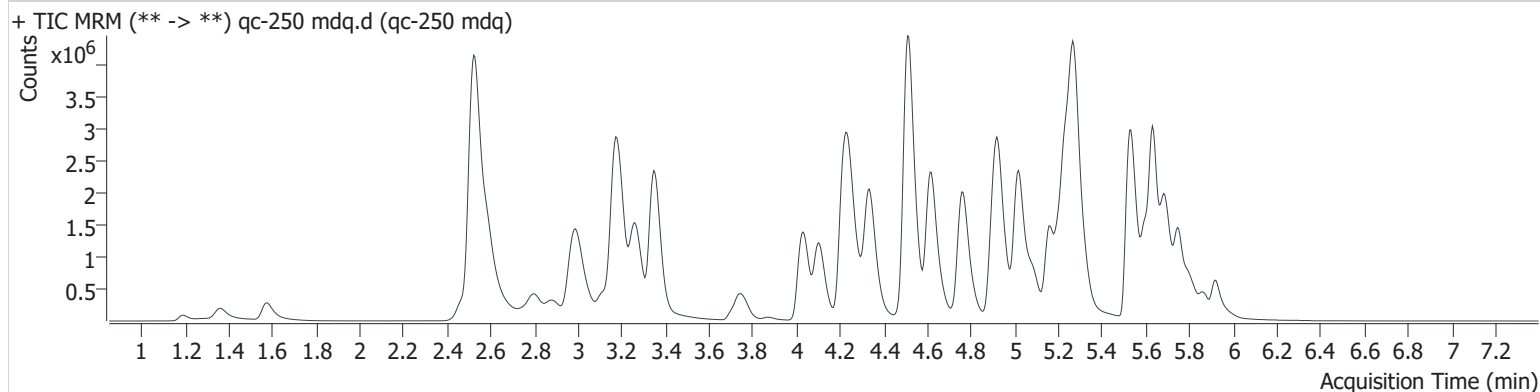
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|----------|------------|---------------|
| Levetiracetam | 2.594 | 380687 | 29280.8 | 221.3 | 18121.4 | 883500 | 94.064 ng/ml |
| Lorazepam | 5.723 | 72761 | ∞ | 42.7 | 158627.2 | 32871 | 109.342 ng/ml |
| MDA | 3.173 | 1077429 | 63904.1 | 28.3 | 15417.4 | 360916 | 104.995 ng/ml |
| MDMA | 3.266 | 1194611 | 240500.1 | 98.8 | 161856.6 | 114008 | 99.001 ng/ml |
| Meprobamate | 4.894 | 170050 | ∞ | 30.6 | 2234.9 | 125526 | 104.275 ng/ml |
| Methadone | 5.635 | 1849868 | 38275.4 | 66.6 | 17234.2 | 776857 | 94.996 ng/ml |
| Methamphetamine | 3.185 | 2443617 | 13321.9 | 38.5 | 29931.6 | 1145500 | 104.031 ng/ml |
| Metoprolol | 4.303 | 256015 | 703148.0 | 103.8 | ∞ | 360916 | 97.789 ng/ml |
| Mirtazapine | 4.618 | 2209348 | 2701393.7 | 53.1 | 71758.8 | 776857 | 98.101 ng/ml |
| Mitragynine | 5.216 | 313476 | 80677.8 | 32.7 | 116322.0 | 13052 | 112.329 ng/ml |
| Morphine | 1.196 | 33334 | 224.2 | 18.5 | 183.6 | 7207 | 104.306 ng/ml |
| Norbuprenorphine | 4.983 | 1685 | 9190.3 | 101.2 | 198.6 | 13052 | 10.185 ng/ml |
| Nordiazepam | 5.872 | 293592 | ∞ | 59.1 | ∞ | 115264 | 103.614 ng/ml |
| Norfentanyl | 4.058 | 81273 | 12384.4 | 39.3 | 88678.6 | 1063062 | 9.414 ng/ml |
| Norhydrocodone | 3.044 | 39734 | 4770.0 | 29.0 | 866.6 | 66655 | 94.902 ng/ml |
| Noroxycodone | 2.884 | 283600 | ∞ | 50.1 | ∞ | 82300 | 99.465 ng/ml |
| O-desmethyl-tramadol | 3.353 | 2775702 | 786944.5 | 6.6 | 66048.7 | 1527469 | 96.987 ng/ml |
| Oxazepam | 5.725 | 125140 | 4430.3 | 71.6 | ∞ | 59430 | 99.325 ng/ml |
| Oxycodone | 2.802 | 596180 | ∞ | 29.5 | ∞ | 325358 | 99.758 ng/ml |
| Oxymorphone | 1.364 | 293821 | ∞ | 46.1 | 6743.1 | 86148 | 100.547 ng/ml |
| Phentermine | 3.755 | 441867 | ∞ | 8.5 | 1738.7 | 585778 | 104.993 ng/ml |
| Promethazine | 5.527 | 1681498 | 194012.0 | 42.0 | 43184.6 | 749236 | 99.033 ng/ml |
| Pseudoephedrine | 2.529 | 6066884 | ∞ | 23.8 | ∞ | 3009986 | 98.659 ng/ml |
| Quetiapine | 5.534 | 749437 | 19519.0 | 51.7 | ∞ | 175950 | 101.727 ng/ml |
| Sertraline | 5.750 | 157313 | 11208.5 | 115.0 | 14207.5 | 67429 | 104.550 ng/ml |
| Temazepam | 5.792 | 550514 | 7377.7 | 30.4 | 15654.6 | 297717 | 95.434 ng/ml |
| Tramadol | 4.221 | 2873016 | 124031.0 | 3.7 | 8210.5 | 1506095 | 100.973 ng/ml |
| Trazodone | 5.160 | 982792 | ∞ | 77.8 | 47048.5 | 555202 | 100.732 ng/ml |
| Venlafaxine | 5.017 | 2171895 | 81243.3 | 32.0 | 22350.5 | 1737658 | 89.839 ng/ml |
| Zolpidem | 4.922 | 2370342 | 248289.5 | 29.2 | 68040.9 | 1228014 | 99.378 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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 | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 12/28/2021 3:57:28 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|------------------------|------------|---------------|
| 6-MAM | 3.124 | 42590 | ∞ | 133.8 | 68342.8 | 54304 | 24.356 ng/ml |
| 7-aminoclonazepam | 4.256 | 602514 | 68545.0 | 69.5 | 38382.5 | 100032 | 242.155 ng/ml |
| a-hydroxyalprazolam | 5.671 | 50581 | 472.3 | 52.5 | 23787.5 | 20333 | 241.352 ng/ml |
| alpha-PHP | 4.904 | 2772749 | 91247.0 | 39.2 | 19835.3 | 371575 | 260.744 ng/ml |
| alpha-PVP | 4.336 | 3850371 | 99183.7 | 54.8 | 44025.3 | 724623 | 248.567 ng/ml |
| Alprazolam | 5.750 | 998101 | 8820.0 | 95.9 | ∞ | 153294 | 255.912 ng/ml |
| Amphetamine | 2.985 | 1638868 | 33778.9 | 256.1 | 5926401750 661790.0 | 371575 | 227.930 ng/ml |
| Benzoylcegonine | 3.870 | 63274 | 15236.2 | 59.4 | 4737.3 | 7960 | 270.281 ng/ml |
| Buprenorphine | 5.763 | 30710 | 57985.2 | 16.5 | 8747.6 | 63288 | 25.354 ng/ml |
| Bupropion | 4.764 | 4076716 | 190900.0 | 70.6 | 46418.6 | 667604 | 256.863 ng/ml |
| Carisoprodol | 5.705 | 437227 | 1572007.8 | 68.2 | ∞ | 84772 | 238.268 ng/ml |
| Citalopram | 5.207 | 2138270 | 138415.2 | 33.4 | ∞ | 438695 | 245.500 ng/ml |
| Clonazepam | 5.599 | 218240 | 13564.3 | 32.4 | 306030.8 | 20333 | 241.152 ng/ml |
| Clonazolam | 5.550 | 463810 | 7466.3 | 39.1 | 5254.5 | 100032 | 219.024 ng/ml |
| Cocaine | 4.240 | 2363292 | 681558.0 | 50.3 | 136435.6 | 792764 | 249.465 ng/ml |
| Codeine | 2.496 | 225682 | 8967.1 | 96.3 | ∞ | 51433 | 235.014 ng/ml |
| Cyclobenzaprine | 5.601 | 2575824 | 91705.3 | 10.3 | 25011.7 | 340572 | 249.775 ng/ml |
| Dextromethorphan | 5.246 | 1667419 | 22488.8 | 77.0 | 165879.6 | 334197 | 244.934 ng/ml |
| Dextrorphan | 4.103 | 2452881 | ∞ | 44.1 | 1897674.1 | 516812 | 253.175 ng/ml |
| Diazepam | 5.923 | 874294 | ∞ | 93.5 | ∞ | 189475 | 241.354 ng/ml |
| Dihydrocodeine | 2.470 | 795389 | 4253.6 | 65.2 | 1812.0 | 233449 | 257.707 ng/ml |
| Diphenhydramine | 5.278 | 7508268 | 167180.8 | 30.6 | 39513.2 | 1590274 | 247.946 ng/ml |
| Doxylamine | 4.515 | 8793493 | 1560983.0 | 75.1 | 921019.5 | 1406675 | 257.690 ng/ml |
| EDDP | 5.235 | 3344389 | ∞ | 43.3 | 66786.8 | 734740 | 250.852 ng/ml |
| Etizolam | 5.785 | 30008 | ∞ | 95.1 | ∞ | 153294 | 256.778 ng/ml |
| Fentanyl | 5.083 | 355128 | ∞ | 111.2 | 437986.4 | 633837 | 26.160 ng/ml |
| Flualprazolam | 5.681 | 549895 | 3759.5 | 88.5 | 4800.7 | 153294 | 253.538 ng/ml |
| Fluoxetine | 5.687 | 2316894 | 63778.2 | 6.3 | 113389.9 | 289761 | 263.432 ng/ml |
| Hydrocodone | 2.993 | 810694 | ∞ | 43.3 | ∞ | 230998 | 231.613 ng/ml |
| Hydromorphone | 1.577 | 639490 | ∞ | 76.0 | 2125363666 45506.0 | 98271 | 255.086 ng/ml |
| Ketamine | 4.031 | 2693908 | 5749805.7 | 34.4 | 34139.2 | 591179 | 257.749 ng/ml |
| Lamotrigine | 4.278 | 190315 | 9114.1 | 88.5 | 249269.2 | 84772 | 280.125 ng/ml |



AM #28 Multi-Drug Quant. Results

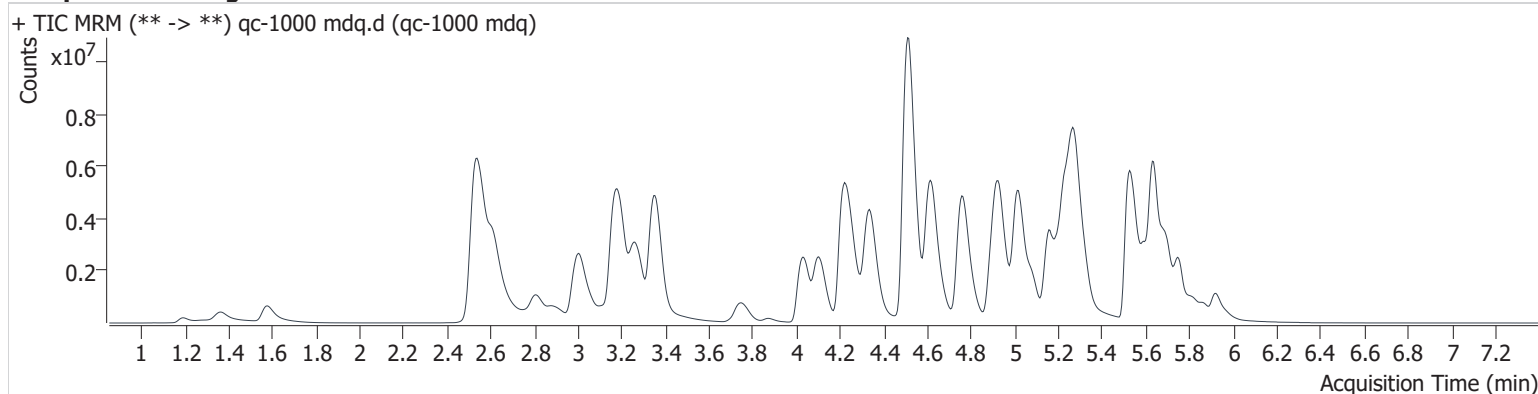
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|-----------|-------|----------|------------|---------------|
| Levetiracetam | 2.589 | 841625 | 31561.4 | 224.8 | 89650.3 | 734740 | 249.317 ng/ml |
| Lorazepam | 5.723 | 92808 | ∞ | 48.6 | ∞ | 20333 | 229.469 ng/ml |
| MDA | 3.163 | 1725493 | 52054.0 | 27.3 | 16243.8 | 261829 | 233.099 ng/ml |
| MDMA | 3.261 | 2620609 | 177171.2 | 95.9 | 140926.8 | 99963 | 247.959 ng/ml |
| Meprobamate | 4.894 | 286412 | 377639.3 | 29.5 | 6899.2 | 84772 | 261.087 ng/ml |
| Methadone | 5.630 | 4663738 | 870923.8 | 63.0 | 208367.1 | 753324 | 245.921 ng/ml |
| Methamphetamine | 3.180 | 5154070 | 17827.0 | 38.3 | 22420.4 | 1075092 | 240.425 ng/ml |
| Metoprolol | 4.303 | 505010 | ∞ | 102.3 | ∞ | 261829 | 264.316 ng/ml |
| Mirtazapine | 4.619 | 5402133 | 103812.5 | 52.7 | 309977.4 | 753324 | 246.362 ng/ml |
| Mitragynine | 5.216 | 710370 | 334790.4 | 34.4 | 123257.8 | 12040 | 279.650 ng/ml |
| Morphine | 1.191 | 77639 | 387.0 | 17.9 | 297.2 | 6893 | 254.935 ng/ml |
| Norbuprenorphine | 4.978 | 4437 | ∞ | 96.7 | ∞ | 12040 | 28.611 ng/ml |
| Nordiazepam | 5.872 | 555674 | ∞ | 57.9 | ∞ | 87667 | 258.791 ng/ml |
| Norfentanyl | 4.058 | 176008 | 14611.4 | 39.4 | 239314.9 | 872058 | 24.729 ng/ml |
| Norhydrocodone | 3.044 | 102415 | 3055.7 | 32.0 | 1435.2 | 61249 | 262.587 ng/ml |
| Noroxycodone | 2.879 | 612921 | ∞ | 48.6 | ∞ | 71815 | 246.283 ng/ml |
| O-desmethyl-tramadol | 3.353 | 6401083 | ∞ | 6.6 | 66546.6 | 1401732 | 244.024 ng/ml |
| Oxazepam | 5.725 | 124807 | 63941.8 | 72.6 | ∞ | 26792 | 220.417 ng/ml |
| Oxycodone | 2.796 | 1410694 | ∞ | 31.6 | ∞ | 310137 | 247.722 ng/ml |
| Oxymorphone | 1.359 | 673125 | ∞ | 46.2 | 24736.5 | 80615 | 246.480 ng/ml |
| Phentermine | 3.750 | 890985 | 11236.5 | 8.4 | 16004.0 | 519598 | 239.642 ng/ml |
| Promethazine | 5.530 | 5052803 | 9468530.5 | 40.6 | 121304.9 | 889493 | 250.150 ng/ml |
| Pseudoephedrine | 2.530 | 12709576 | ∞ | 23.6 | ∞ | 2450793 | 253.724 ng/ml |
| Quetiapine | 5.540 | 1617106 | 118934.4 | 57.7 | ∞ | 163592 | 236.957 ng/ml |
| Sertraline | 5.750 | 607383 | 20677.1 | 110.6 | 28103.2 | 102670 | 265.211 ng/ml |
| Temazepam | 5.798 | 916475 | 31579.5 | 29.7 | 107608.7 | 193183 | 243.706 ng/ml |
| Tramadol | 4.216 | 6348850 | 358880.7 | 3.8 | 3607.1 | 1371142 | 246.123 ng/ml |
| Trazodone | 5.160 | 2761192 | ∞ | 76.2 | 98236.8 | 611247 | 258.538 ng/ml |
| Venlafaxine | 5.017 | 5164256 | 133303.1 | 31.9 | 43928.2 | 1575453 | 232.394 ng/ml |
| Zolpidem | 4.922 | 5374084 | 381970.8 | 29.5 | ∞ | 1089389 | 254.282 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
 Calibration Last Update 12/29/2021 10:05:46 AM

Instrument 69679 Data File qc-1000 mdq.d
 Type QC Sample qc-1000 mdq
 Acq. Method mdqp1 1-21-21long.m Operator Anne Nord
 Sample Position P2-D6 Comment
 Injection Volume 3
 Acq. Date-Time 12/28/2021 4:06:30 PM
 Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|-----------------------|--------------|----------------|----------------|--------------|-----------------|---------------|--------------------------|
| 6-MAM | 3.119 | 108990 | ∞ | 129.3 | ∞ | 34236 | 98.911 ng/ml |
| 7-aminoclonazepam | 4.261 | 571976 | 320351.5 | 72.4 | 35413.9 | 24141 | 951.901 ng/ml |
| a-hydroxyalprazolam | 5.671 | 76884 | 821.6 | 52.5 | ∞ | 5294 | 1413.807 ng/ml |
| alpha-PHP | 4.894 | 6042703 | 389815.5 | 38.9 | 59741.2 | 249684 | 846.672 ng/ml |
| alpha-PVP | 4.336 | 9970277 | 801517.0 | 53.9 | 225625.9 | 459149 | 1015.807 ng/ml |
| Alprazolam | 5.750 | 1861242 | 29329.0 | 95.4 | 307.9 | 80148 | 916.482 ng/ml |
| Amphetamine | 3.006 | 2801092 | 57239.8 | 250.1 | 219854.8 | 249684 | 582.423 ng/ml ocr |
| Benzoylcegonine | 3.870 | 220997 | 184666.2 | 57.2 | 7947.4 | 6773 | 1112.661 ng/ml |
| Buprenorphine | 5.763 | 69479 | 54833.8 | 17.1 | 25699.3 | 33937 | 106.038 ng/ml |
| Bupropion | 4.759 | 11302288 | 4462280.6 | 68.6 | 168348.6 | 468216 | 1015.098 ng/ml |
| Carisoprodol | 5.705 | 706932 | 3075528.5 | 63.6 | 11390.8 | 30337 | 1076.316 ng/ml |
| Citalopram | 5.197 | 3703762 | 141580.9 | 35.8 | 54239.8 | 186473 | 1000.728 ng/ml |
| Clonazepam | 5.593 | 210451 | 72503.7 | 34.0 | 143275.4 | 5294 | 894.401 ng/ml ocr |
| Clonazepam | 5.561 | 493790 | 11944.2 | 40.0 | 2369.5 | 24141 | 965.773 ng/ml |
| Cocaine | 4.240 | 5227946 | 205277.2 | 49.3 | 1193738.9 | 438026 | 998.297 ng/ml |
| Codeine | 2.557 | 425801 | 37820.9 | 98.0 | 62182.6 | 24690 | 925.976 ng/ml |
| Cyclobenzaprine | 5.601 | 4932383 | 93109.9 | 10.4 | 24004.4 | 169239 | 963.364 ng/ml |
| Dextromethorphan | 5.240 | 3086710 | ∞ | 76.3 | 34873.4 | 149298 | 1015.074 ng/ml |
| Dextropropion | 4.103 | 6197788 | 358224.1 | 44.6 | 213605.8 | 311347 | 1062.442 ng/ml |
| Diazepam | 5.923 | 1937456 | ∞ | 93.9 | ∞ | 104523 | 969.379 ng/ml |
| Dihydrocodeine | 2.506 | 1547489 | 5474.0 | 66.2 | 8705.6 | 180220 | 651.128 ng/ml ocr |
| Diphenhydramine | 5.277 | 15966077 | 269294.3 | 30.5 | 92474.5 | 802216 | 1044.556 ng/ml |
| Doxylamine | 4.509 | 24406011 | 522006.4 | 79.7 | 294568.4 | 1005934 | 1000.240 ng/ml |
| EDDP | 5.235 | 9746187 | 1980330.4 | 42.8 | 126016.1 | 519396 | 1033.662 ng/ml |
| Etizolam | 5.790 | 64119 | ∞ | 95.3 | 3897.4 | 80148 | 1046.792 ng/ml |
| Fentanyl | 5.083 | 1069610 | 88219.4 | 114.6 | ∞ | 461951 | 108.074 ng/ml |
| Flualprazolam | 5.681 | 940777 | 23644.3 | 88.8 | 3174.8 | 80148 | 830.778 ng/ml |
| Fluoxetine | 5.693 | 3935128 | 801110.2 | 6.4 | 118121.0 | 129064 | 1004.573 ng/ml |
| Hydrocodone | 2.998 | 2244868 | ∞ | 41.9 | ∞ | 164192 | 903.467 ng/ml |
| Hydromorphone | 1.577 | 1784442 | ∞ | 75.1 | ∞ | 66332 | 1054.256 ng/ml |
| Ketamine | 4.031 | 6665398 | ∞ | 34.0 | 123637.5 | 383463 | 984.298 ng/ml |
| Lamotrigine | 4.278 | 283725 | 5557.4 | 90.5 | 8819.2 | 30337 | 1163.652 ng/ml |
| Levetiracetam | 2.615 | 2254234 | 131072.7 | 223.3 | 341632.6 | 519396 | 943.388 ng/ml |

AM #28 Multi-Drug Quant. Results

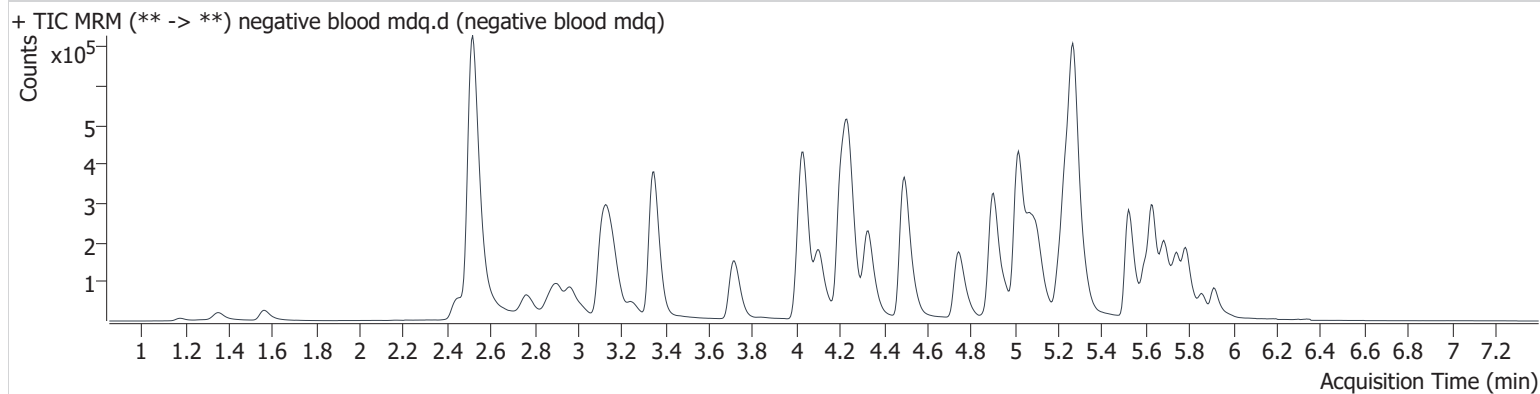
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|------------------|---------------------|---------------------|-----------------|--------------------|-------------------|-------------------------------|
| Lorazepam | 5.723 | 135328 | ∞ | 46.1 | 7517.6 | 5294 | 1302.363 ng/ml |
| MDA | 3.153 | 2429752 | 88873.9 | 27.5 | 24414.0 | 116395 | 740.727 ng/ml ocr |
| MDMA | 3.266 | 5706677 | 1846617.4 | 93.8 | 133031.4 | 54167 | 997.023 ng/ml |
| Meprobamate | 4.879 | 369031 | 350006.7 | 29.3 | 8890.0 | 30337 | 941.800 ng/ml |
| Methadone | 5.635 | 12199656 | 281970.5 | 60.8 | 50741.9 | 459123 | 1053.337 ng/ml |
| Methamphetamine | 3.180 | 11405479 | 167478.0 | 36.8 | 40656.8 | 838475 | 691.949 ng/ml ocr |
| Metoprolol | 4.298 | 855601 | 1702408.6 | 102.2 | ∞ | 116395 | 1004.761 ng/ml |
| Mirtazapine | 4.618 | 13834035 | 935026.6 | 52.2 | 989851.9 | 459123 | 1033.062 ng/ml |
| Mitragynine | 5.206 | 1513445 | 75574.4 | 36.3 | 34613.9 | 6758 | 1068.590 ng/ml |
| Morphine | 1.191 | 183571 | 285.6 | 18.3 | 208.6 | 4656 | 893.997 ng/ml |
| Norbuprenorphine | 4.978 | 9219 | ∞ | 106.2 | ∞ | 6758 | 105.211 ng/ml |
| Nordiazepam | 5.872 | 764181 | 54501.7 | 60.4 | ∞ | 35269 | 886.203 ng/ml |
| Norfentanyl | 4.058 | 374400 | ∞ | 37.0 | 409697.2 | 411811 | 111.128 ng/ml |
| Norhydrocodone | 3.049 | 241724 | 5291.2 | 34.1 | 4815.8 | 35439 | 1064.979 ng/ml ocr |
| Noroxycodone | 2.884 | 1427871 | ∞ | 48.2 | ∞ | 41751 | 986.768 ng/ml |
| O-desmethyl-tramadol | 3.353 | 17189091 | 452600.7 | 6.3 | 89026.3 | 920239 | 998.761 ng/ml |
| Oxazepam | 5.725 | 147709 | 8138.7 | 83.1 | 54358.6 | 6350 | 1102.945 ng/ml |
| Oxycodone | 2.807 | 3896428 | ∞ | 31.5 | ∞ | 216218 | 981.608 ng/ml |
| Oxymorphone | 1.364 | 1757308 | 3669383.7 | 46.2 | ∞ | 57149 | 908.304 ng/ml |
| Phentermine | 3.750 | 2026582 | ∞ | 7.9 | 12345.2 | 375976 | 754.922 ng/ml ocr |
| Promethazine | 5.522 | 13081065 | 396866.6 | 38.1 | 493747.3 | 527236 | 1091.433 ng/ml |
| Pseudoephedrine | 2.539 | 26344820 | ∞ | 23.3 | ∞ | 1250156 | 1030.796 ng/ml |
| Quetiapine | 5.545 | 3386461 | 182380.3 | 54.1 | 4101727.7 | 88390 | 920.315 ng/ml |
| Sertraline | 5.750 | 810680 | 29090.6 | 108.8 | 39313.0 | 37004 | 982.323 ng/ml |
| Temazepam | 5.803 | 1301515 | 61621.1 | 30.9 | 5753.1 | 67556 | 987.459 ng/ml |
| Tramadol | 4.211 | 14571317 | 379683.6 | 3.6 | 17913.3 | 817640 | 949.326 ng/ml |
| Trazodone | 5.155 | 6467152 | 636697.3 | 77.6 | ∞ | 458011 | 810.156 ng/ml |
| Venlafaxine | 5.017 | 14364646 | 250937.9 | 30.5 | 71480.4 | 966413 | 1046.788 ng/ml |
| Zolpidem | 4.922 | 13176441 | 366722.4 | 28.8 | 88060.1 | 686959 | 989.252 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

| | | | |
|-------------------------|-----------------------|------------------|----------------------|
| Instrument | 69679 | Data File | negative blood mdq.d |
| Type | Sample | Sample | negative blood mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-F6 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 12/28/2021 4:24:28 PM | | |
| Sample Info. | | | |

Sample Chromatogram

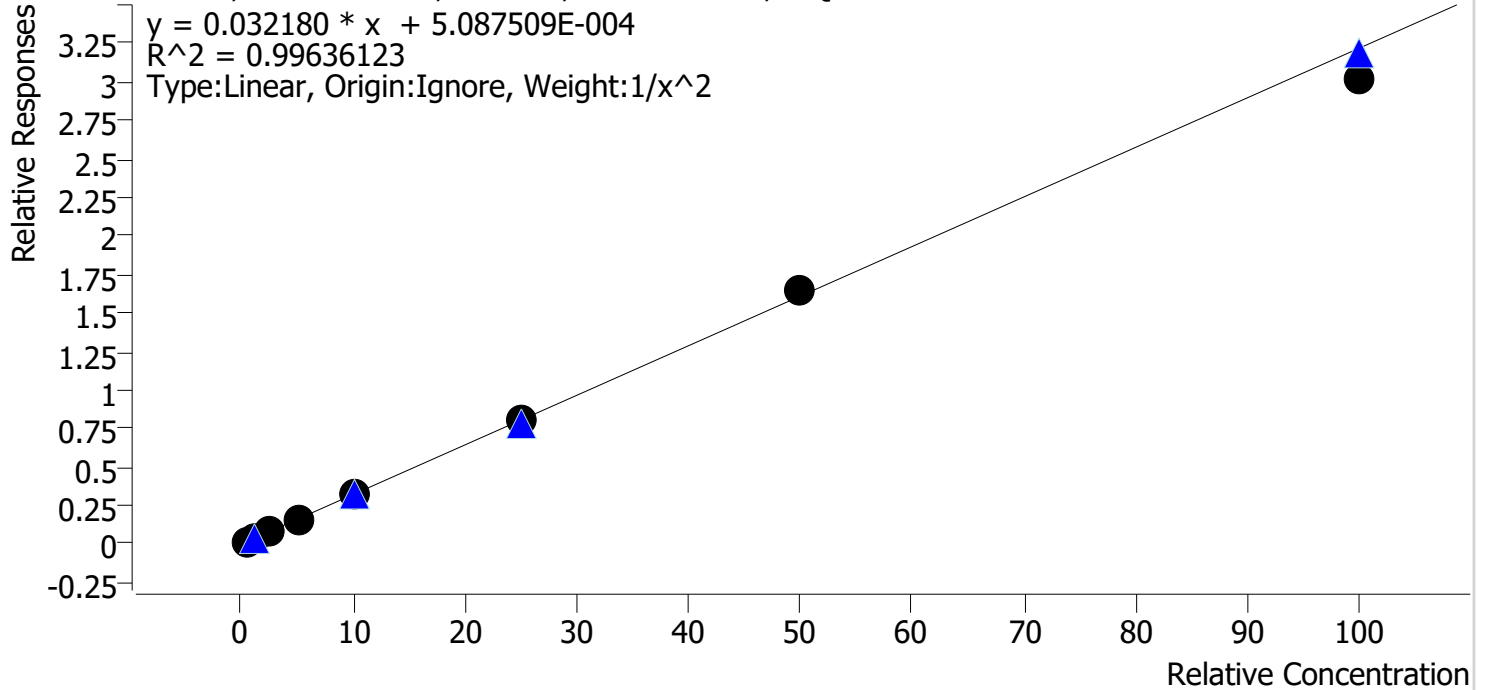


Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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

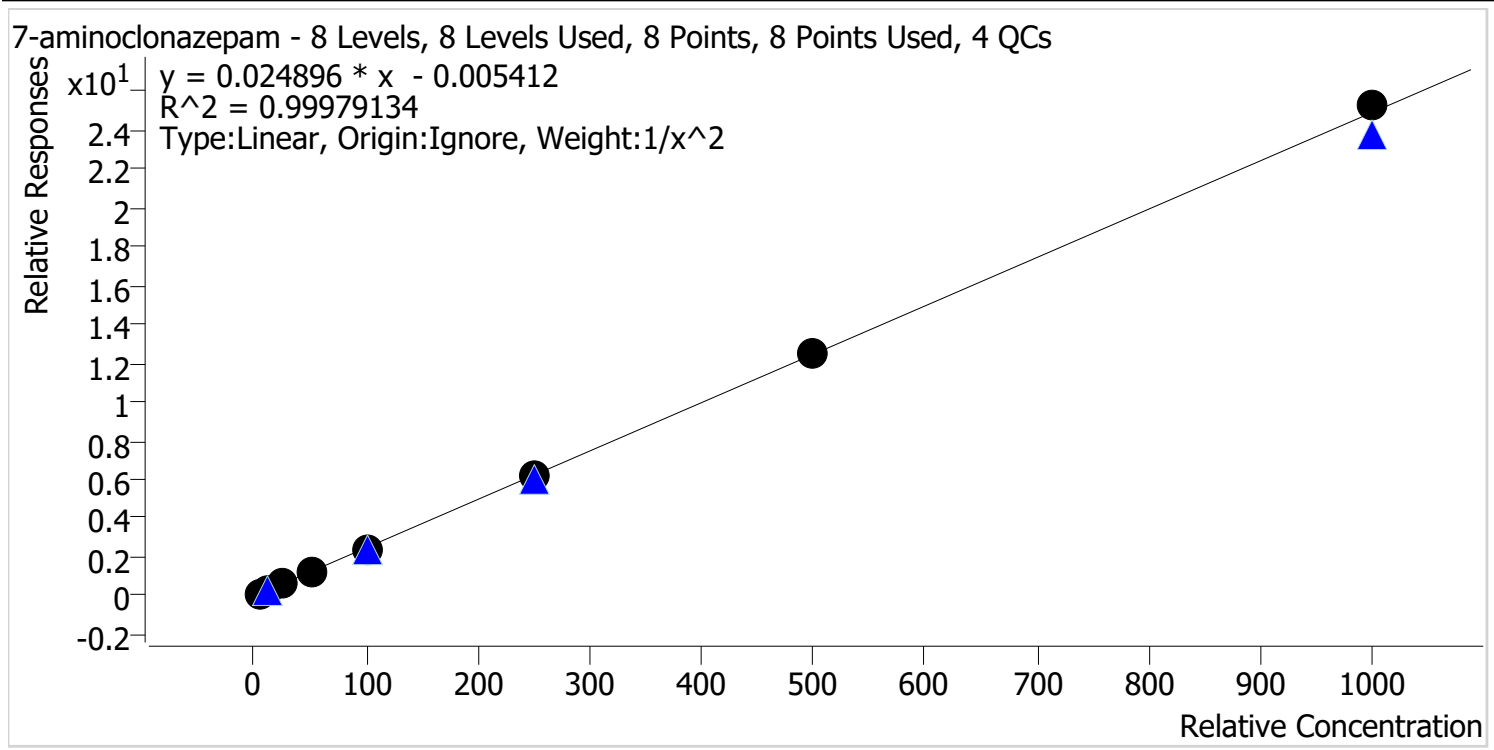


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 95.3 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.1 | 110.5 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.4 | 96.8 |
| cal 4 mdq | 4 | ✓ | 5.0 | 5.1 | 102.5 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.8 | 98.0 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.2 | 100.9 |
| cal 7 mdq | 7 | ✓ | 50.0 | 51.0 | 102.0 |
| cal 8 mdq | 8 | ✓ | 100.0 | 94.1 | 94.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.5 | 99.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 504.6 | 100.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1014.1 | 101.4 |

Compound Calibration Report

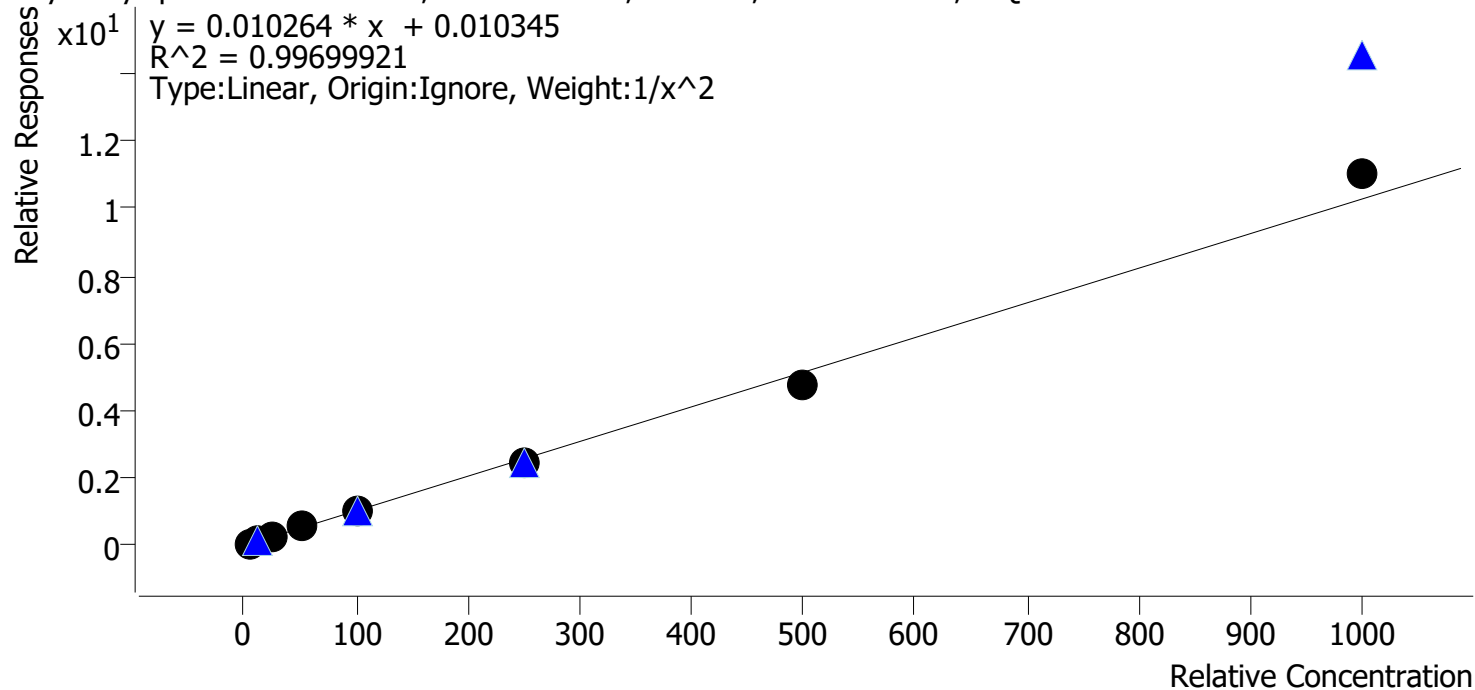


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard

Clonazepam-D4

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

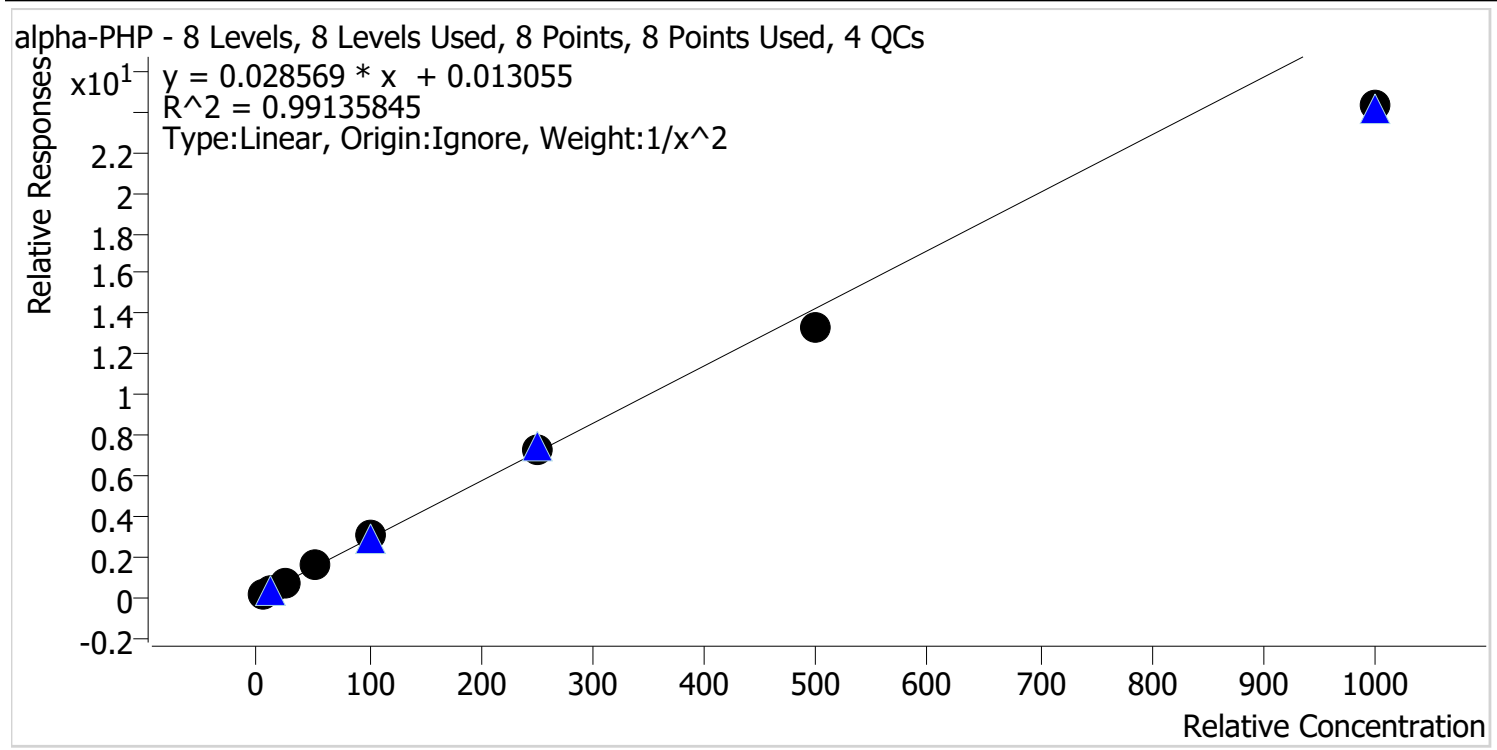


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 97.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.3 | 97.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.1 | 106.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.2 | 100.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 242.7 | 97.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 466.5 | 93.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1072.4 | 107.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** Amphetamine-D11

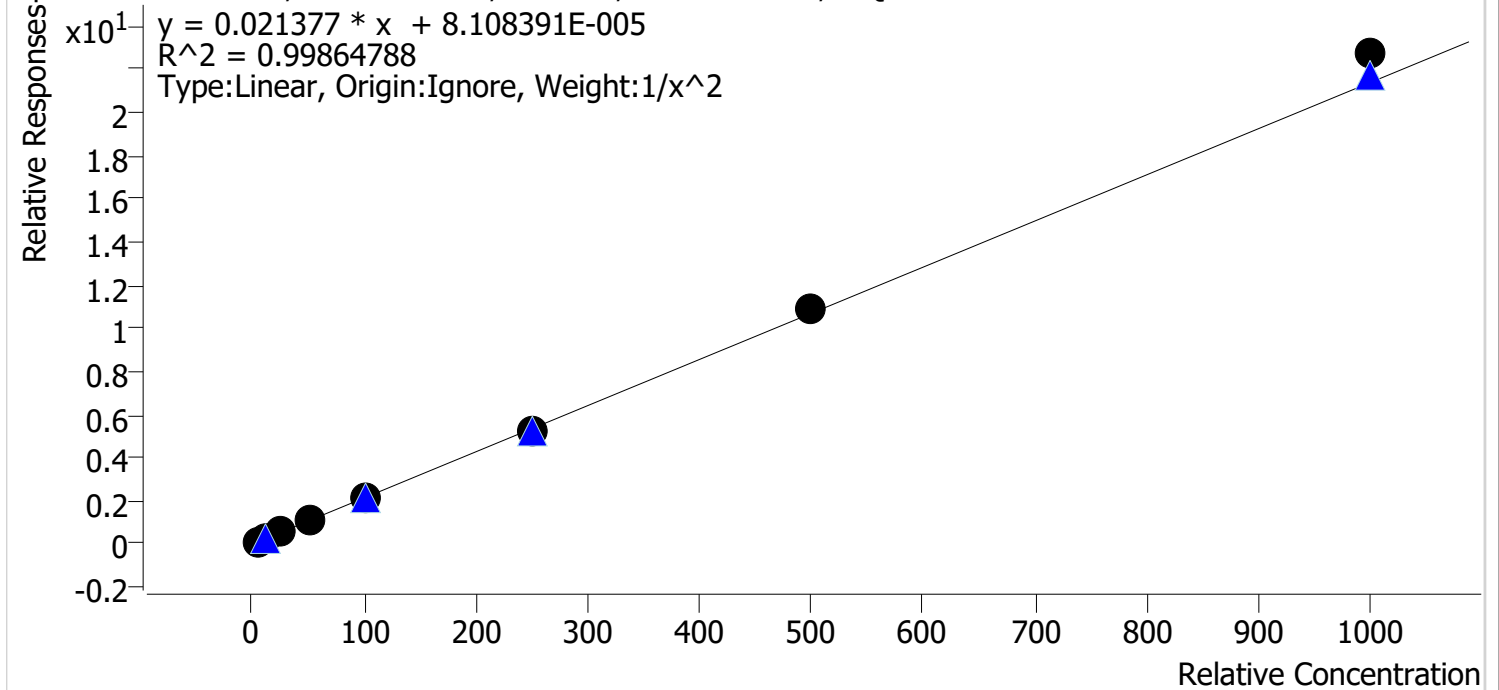


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 107.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.1 | 104.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.4 | 106.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 106.0 | 106.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 255.4 | 102.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 467.7 | 93.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 850.9 | 85.1 |

Compound Calibration Report

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

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

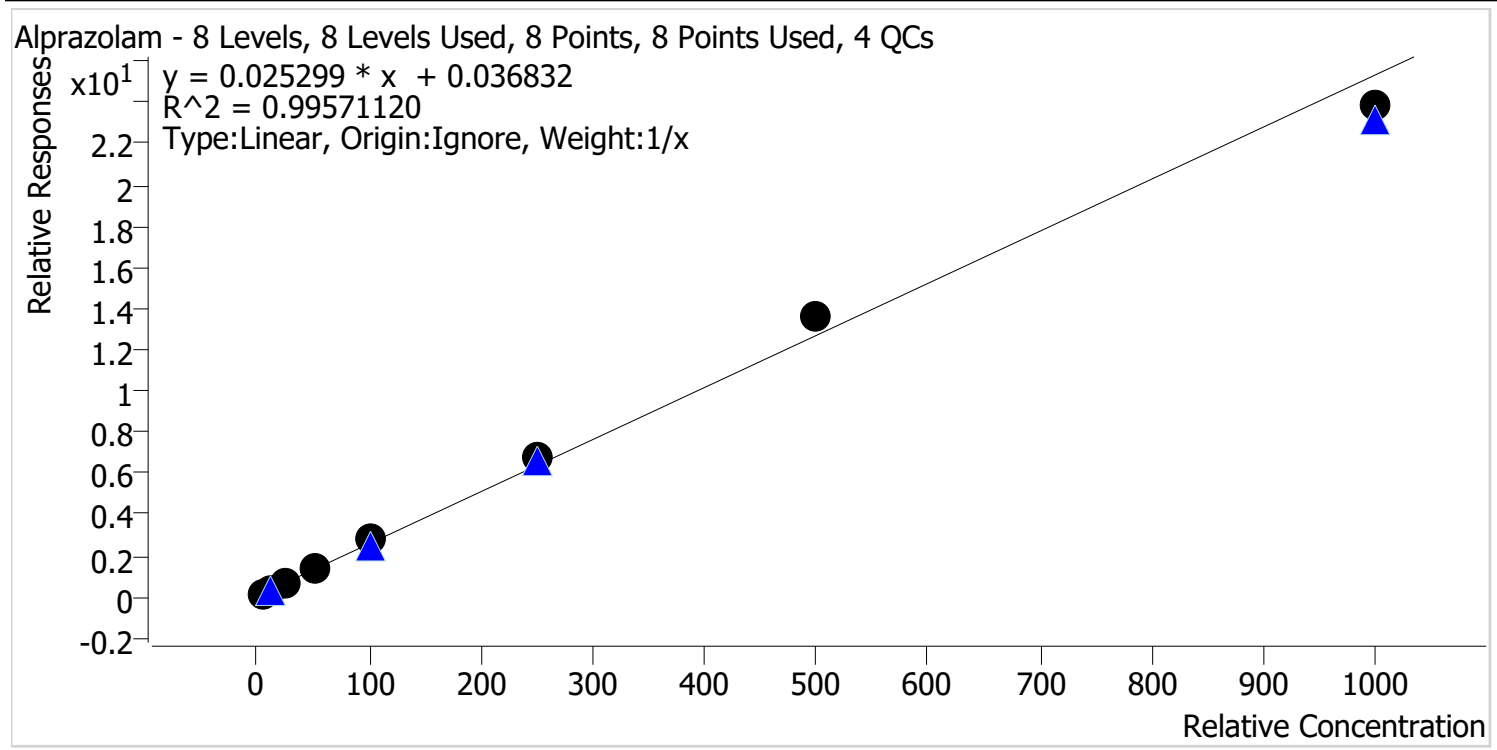


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.2 | 96.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.0 | 97.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.9 | 98.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 511.3 | 102.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1062.8 | 106.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



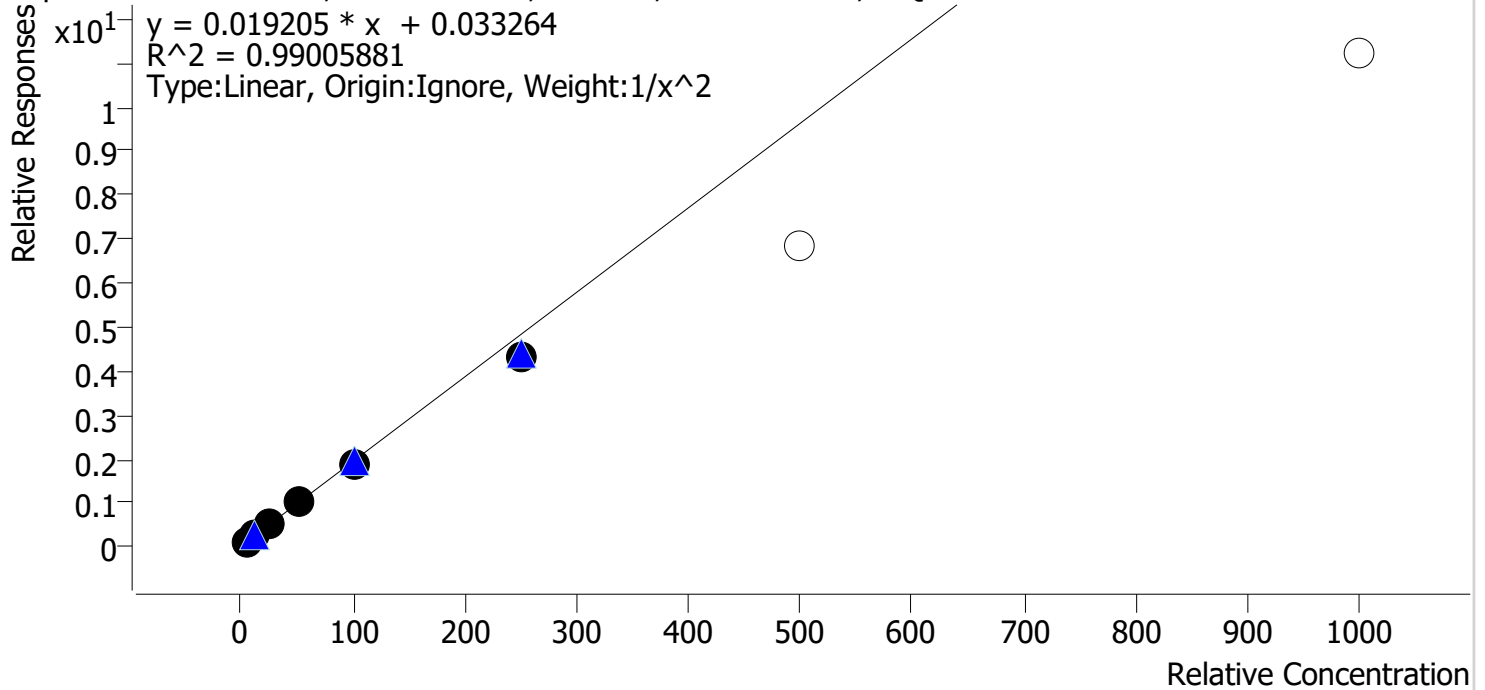
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.1 | 81.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.5 | 95.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 102.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.3 | 106.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 107.3 | 107.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 264.6 | 105.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 534.4 | 106.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 941.2 | 94.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 94.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 107.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.1 | 108.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.7 | 105.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.8 | 95.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 221.5 | 88.6 |
| cal 7 mdq | 7 | ✗ | 500.0 | 354.1 | 70.8 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 581.4 | 58.1 |

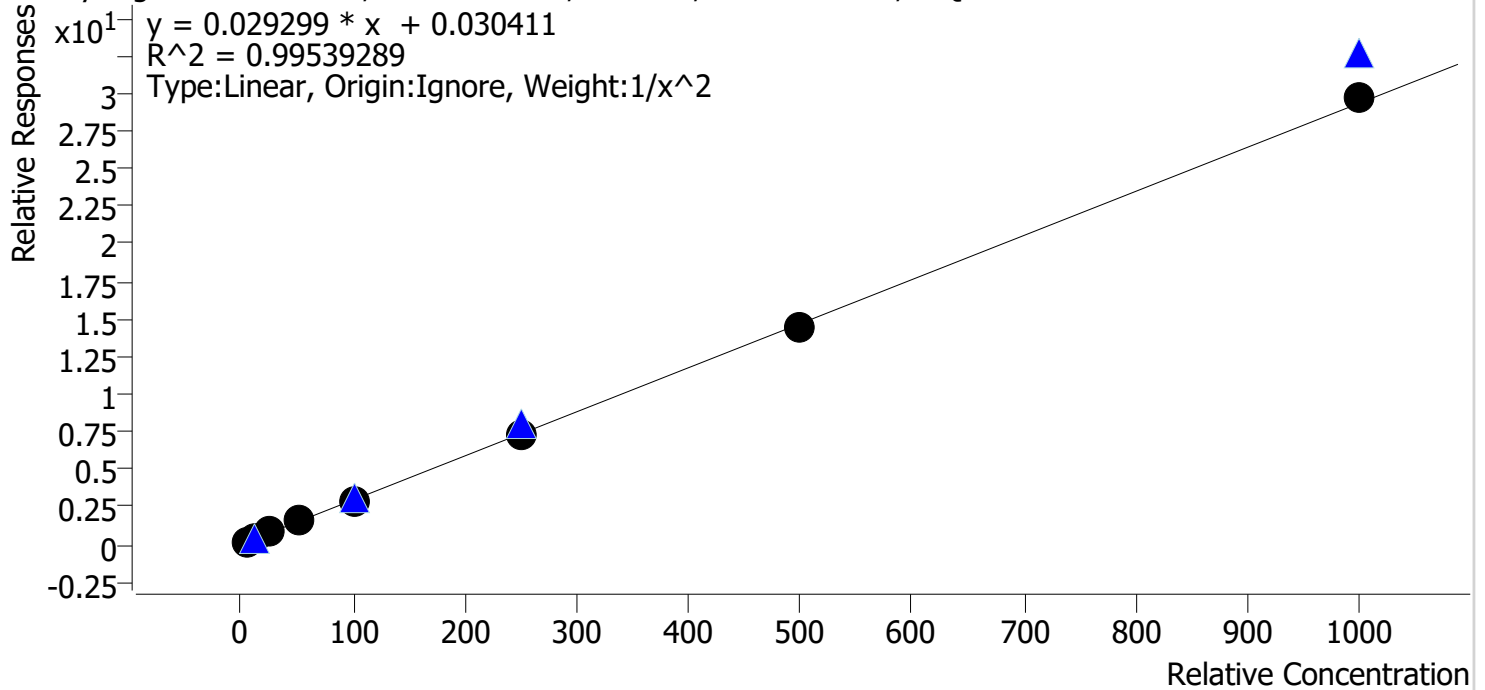
dropped cal 7 and 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



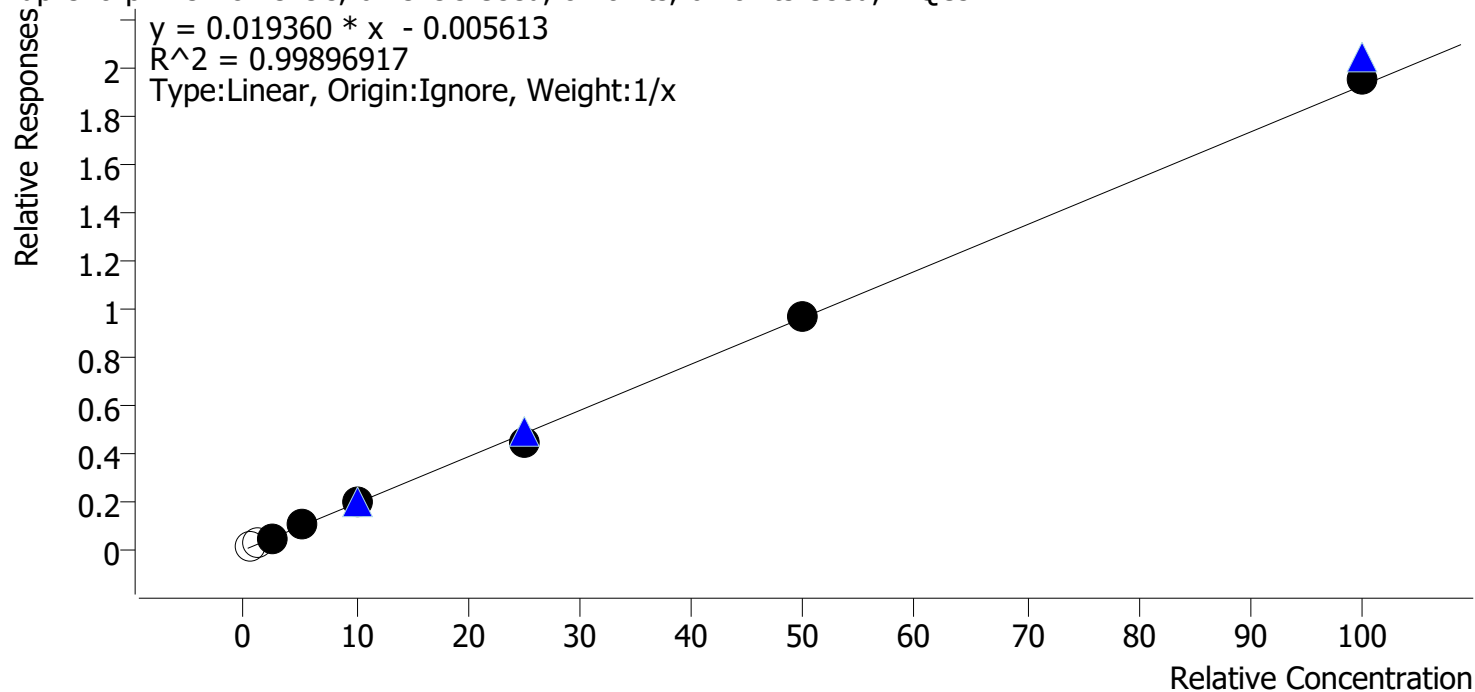
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 104.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 8.8 | 88.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 102.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.0 | 108.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.7 | 96.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.1 | 100.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 493.5 | 98.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1014.3 | 101.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



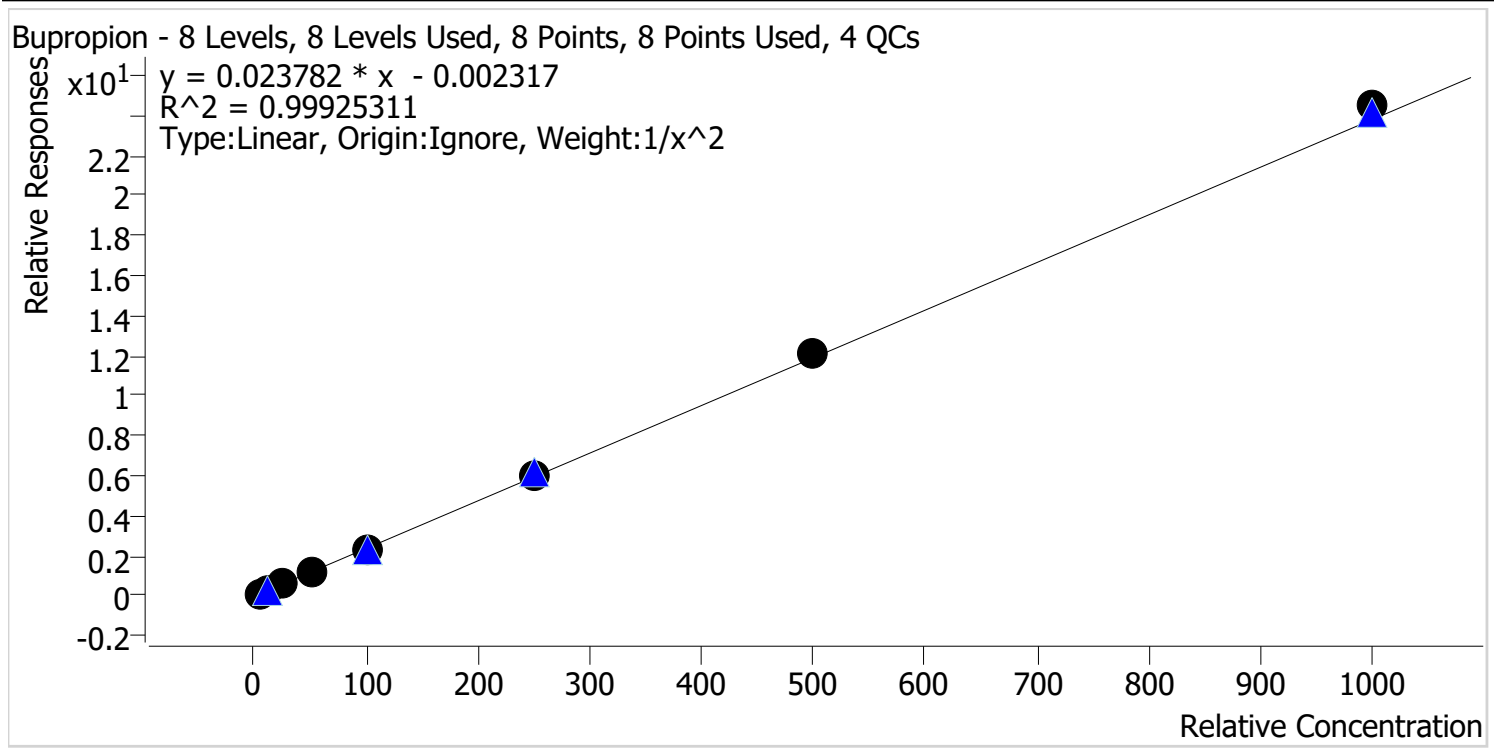
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | x | 0.5 | 0.9 | 170.7 |
| cal 2 mdq | 2 | x | 1.0 | 1.2 | 118.1 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 98.2 |
| cal 4 mdq | 4 | ✓ | 5.0 | 5.4 | 107.6 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 6 mdq | 6 | ✓ | 25.0 | 23.4 | 93.7 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.9 | 99.7 |
| cal 8 mdq | 8 | ✓ | 100.0 | 101.4 | 101.4 |

dropped cal 1 and cal 2 due to poor response and the ratio for cal 2 and the 1 ng qc being out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.7 | 95.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.7 | 101.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 511.2 | 102.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1029.4 | 102.9 |

Compound Calibration Report

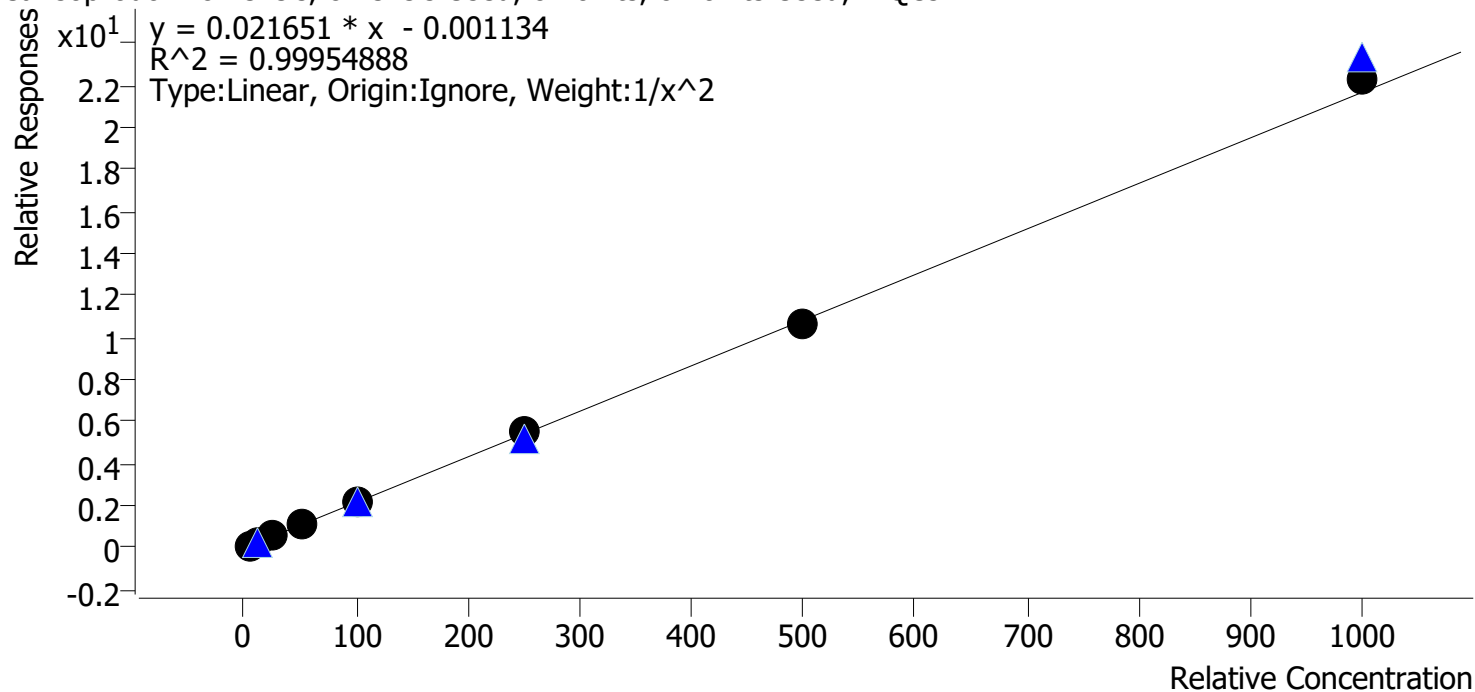


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

Carisoprodol-D7

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



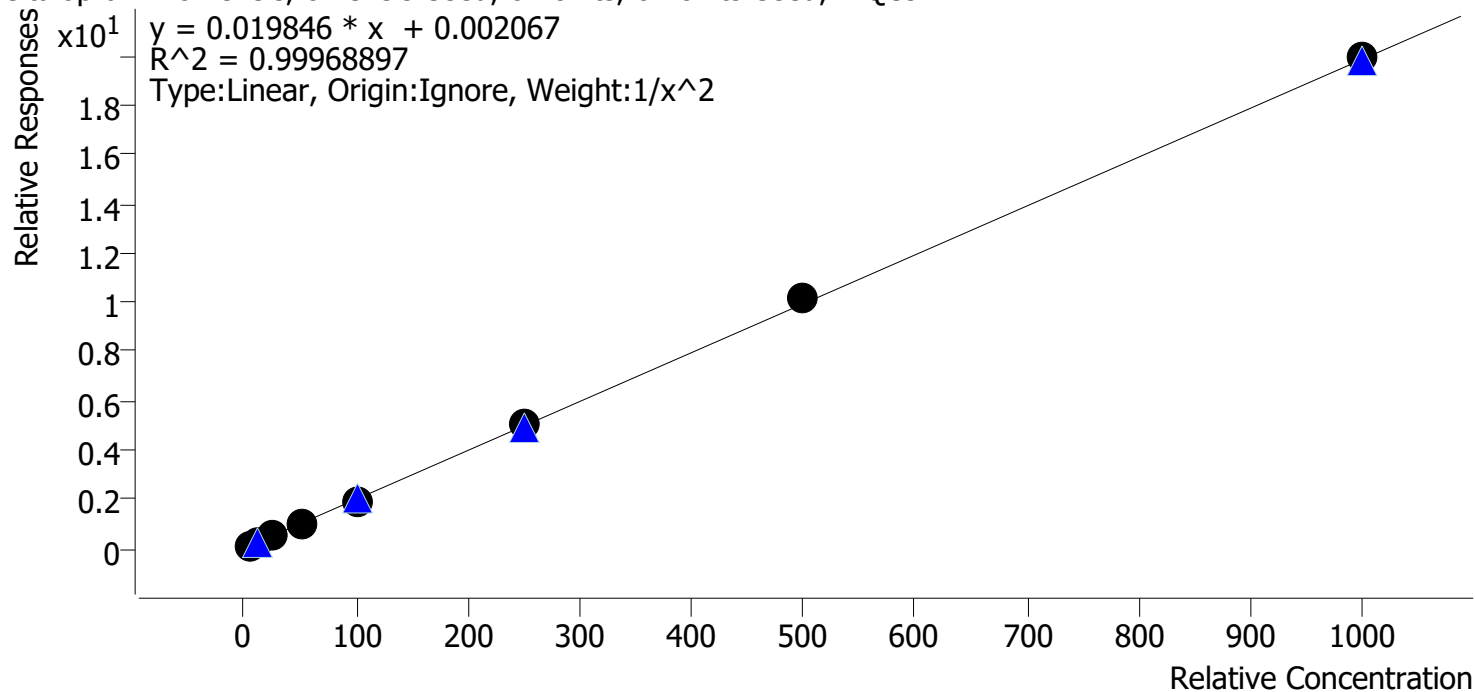
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.8 | 97.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.2 | 99.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 255.9 | 102.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 490.2 | 98.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1026.7 | 102.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 99.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.0 | 100.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.5 | 99.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.3 | 97.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.3 | 100.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 510.3 | 102.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1003.7 | 100.4 |

Compound Calibration Report

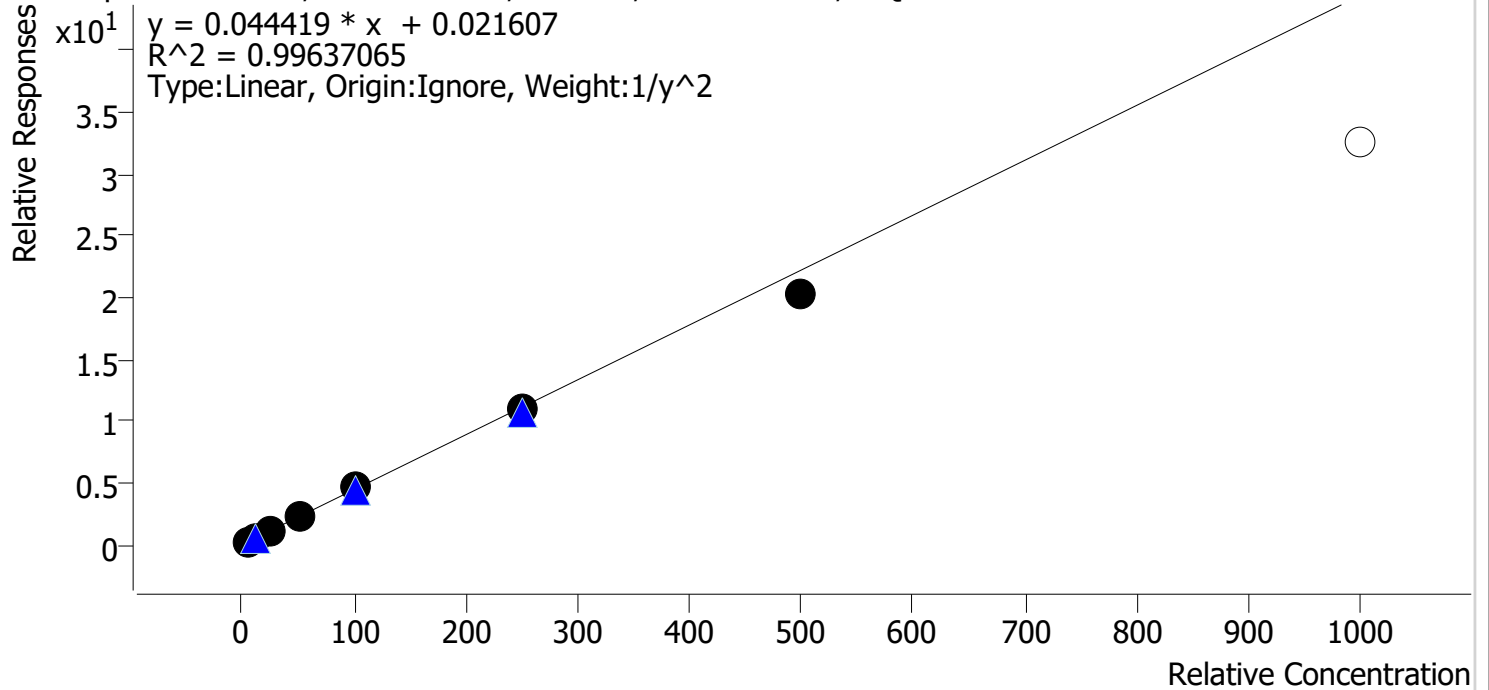


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Clonazepam

Internal Standard

Clonazepam-D4

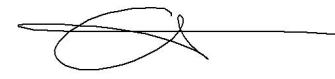
Clonazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.0 | 107.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.2 | 102.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.3 | 104.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.1 | 99.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 459.4 | 91.9 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 734.2 | 73.4 |

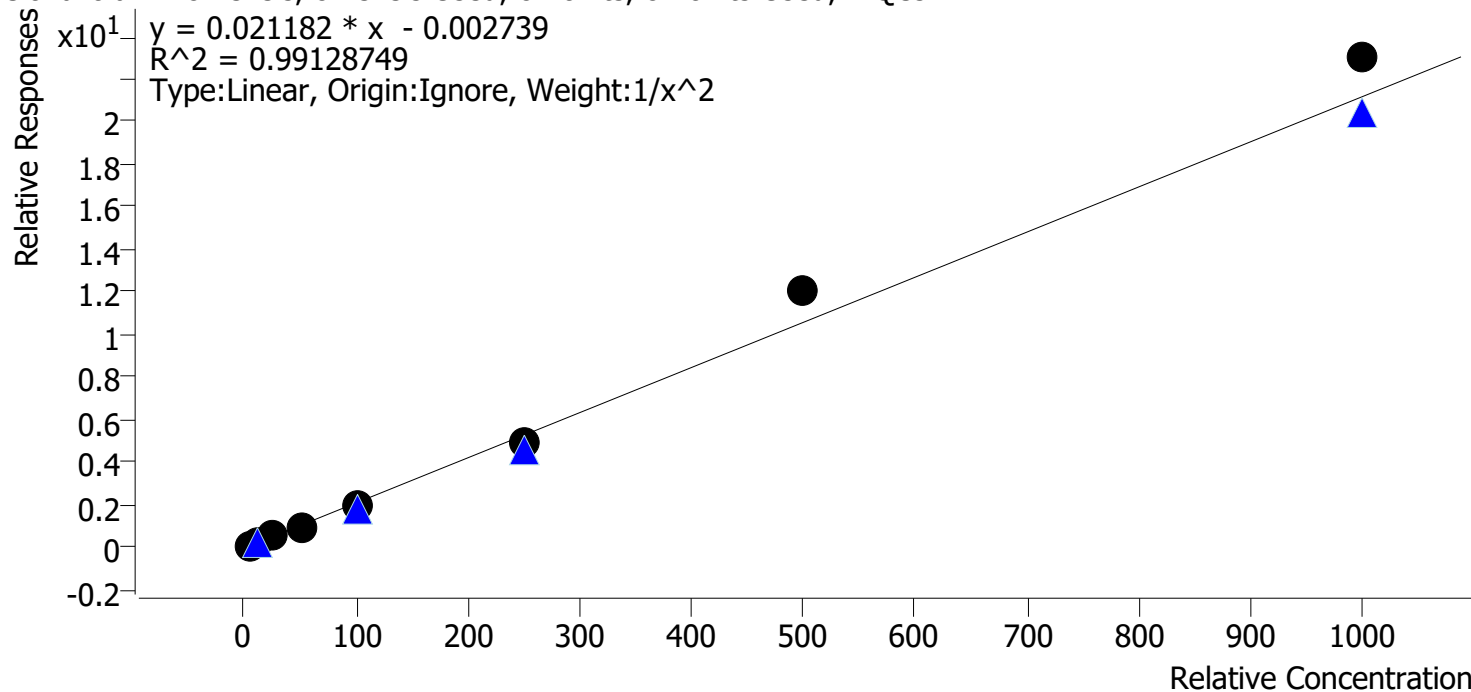
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** 7-Aminoclonazepam-D4

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



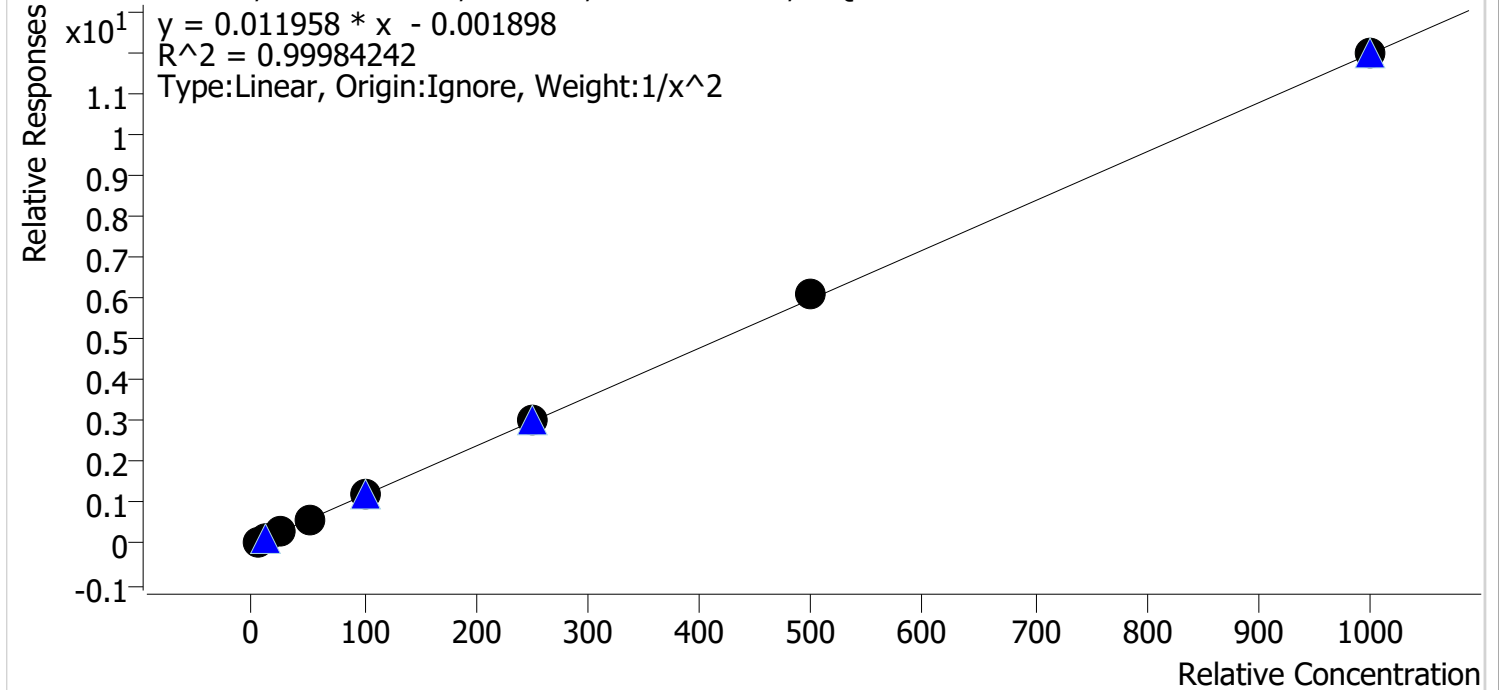
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.0 | 92.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 91.3 | 91.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 236.6 | 94.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 572.4 | 114.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1086.7 | 108.7 |

Compound Calibration Report



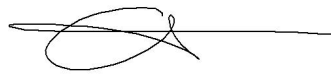
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



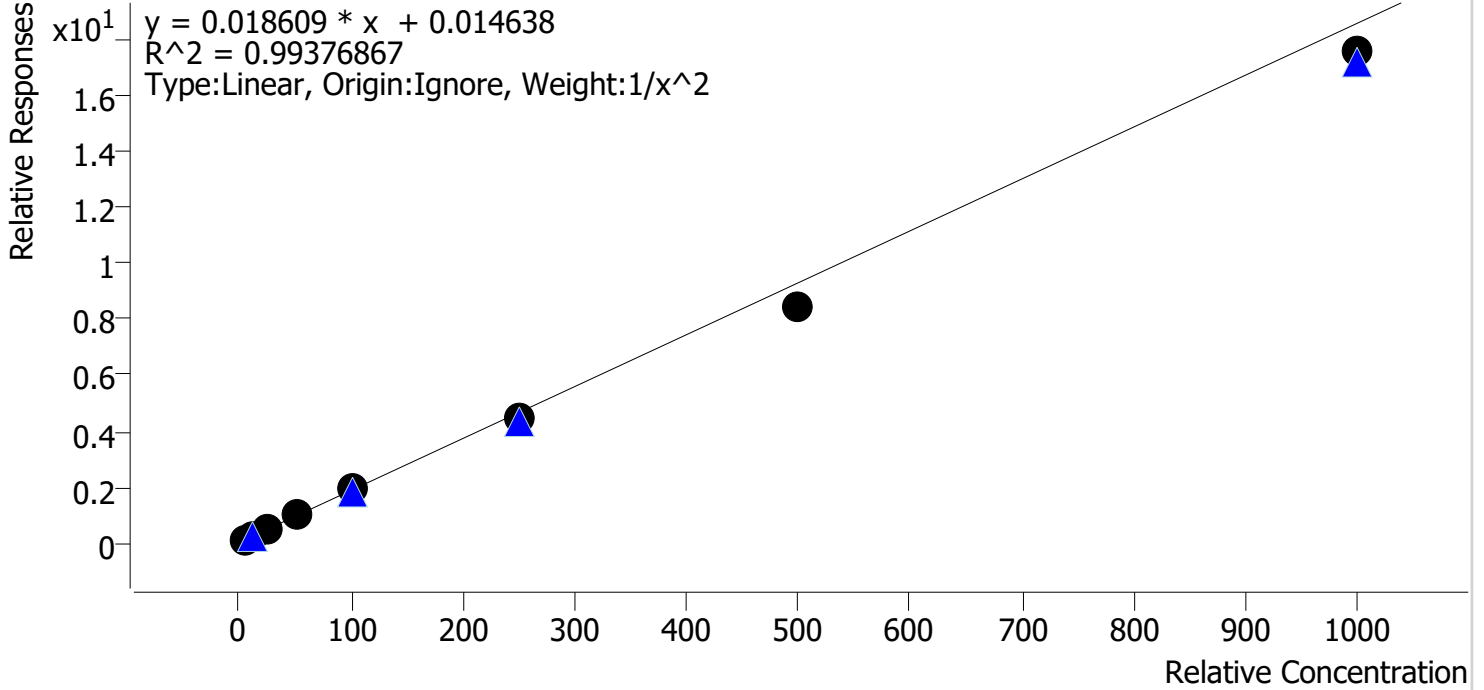
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.9 | 98.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.5 | 100.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 506.6 | 101.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1000.5 | 100.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



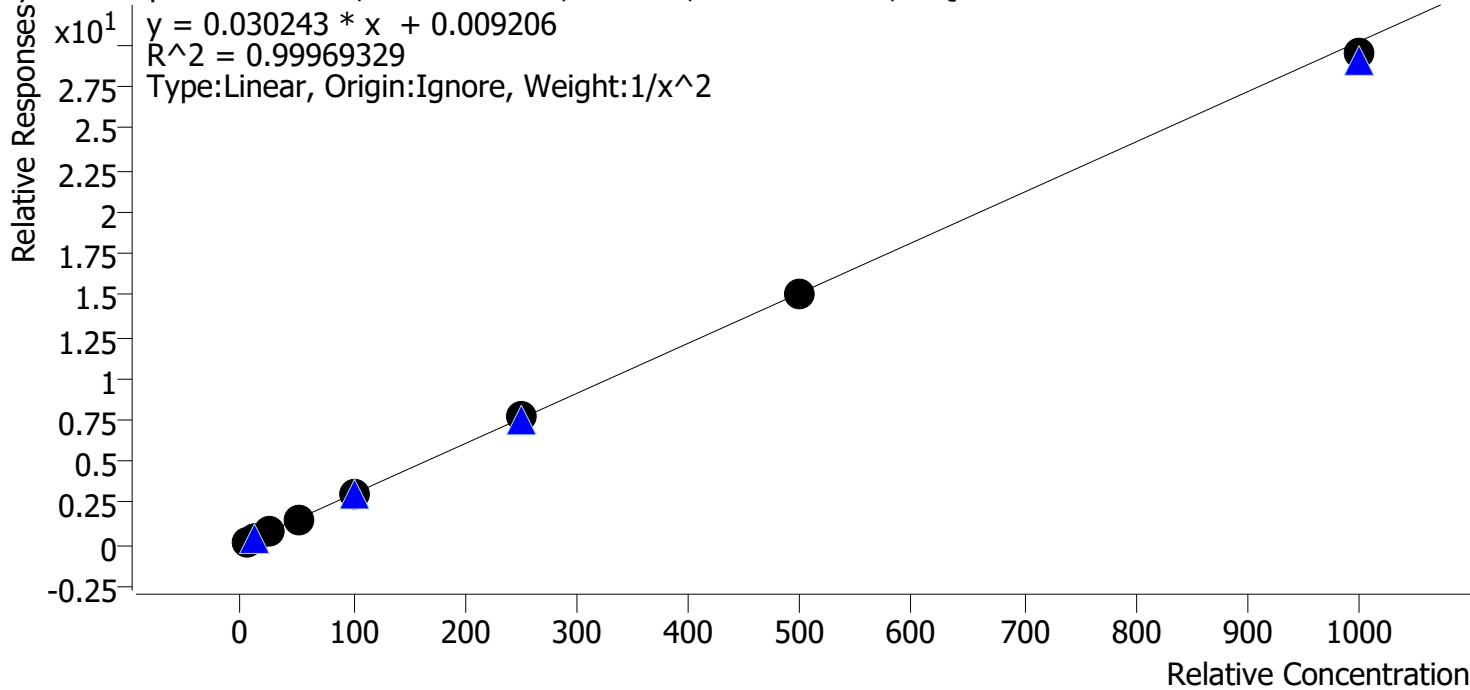
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 55.8 | 111.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.8 | 102.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 237.2 | 94.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 456.7 | 91.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 945.5 | 94.5 |

Compound Calibration Report



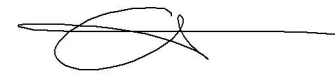
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



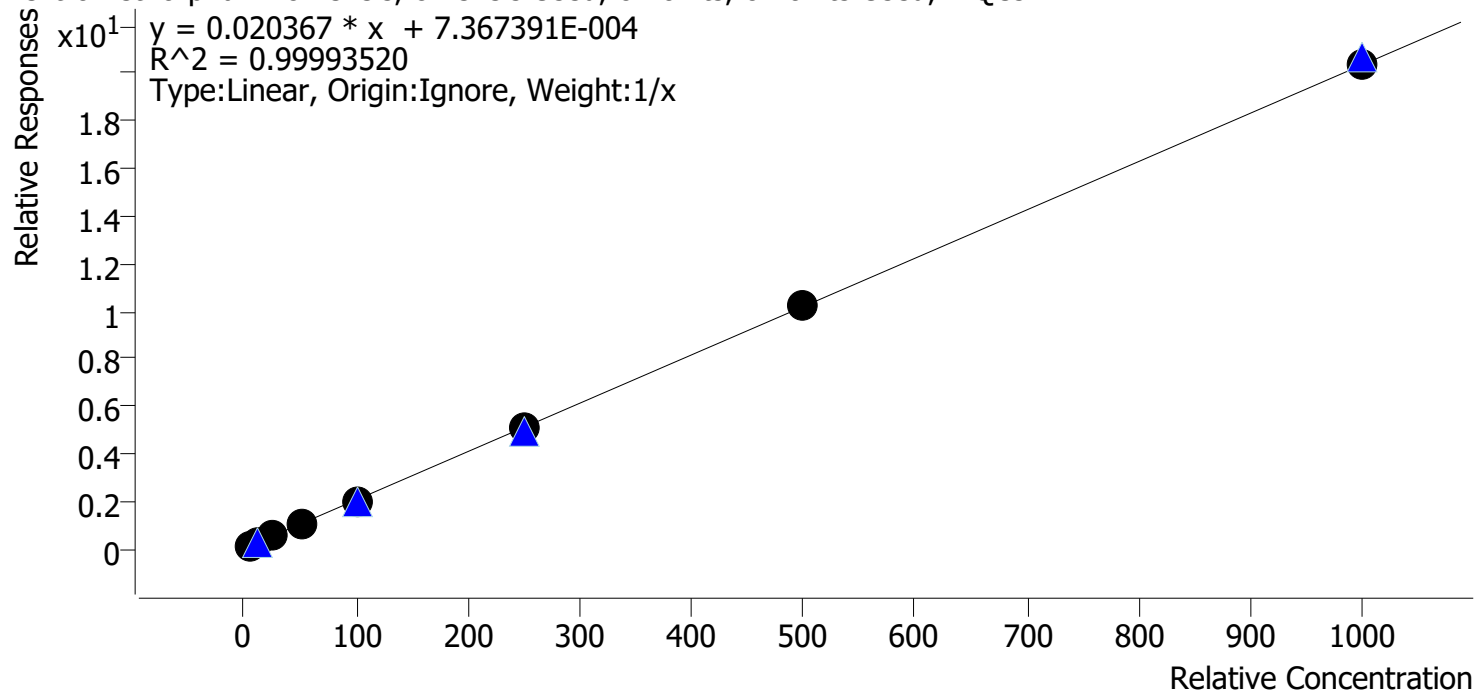
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.1 | 102.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.8 | 98.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.2 | 101.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 495.9 | 99.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 976.0 | 97.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



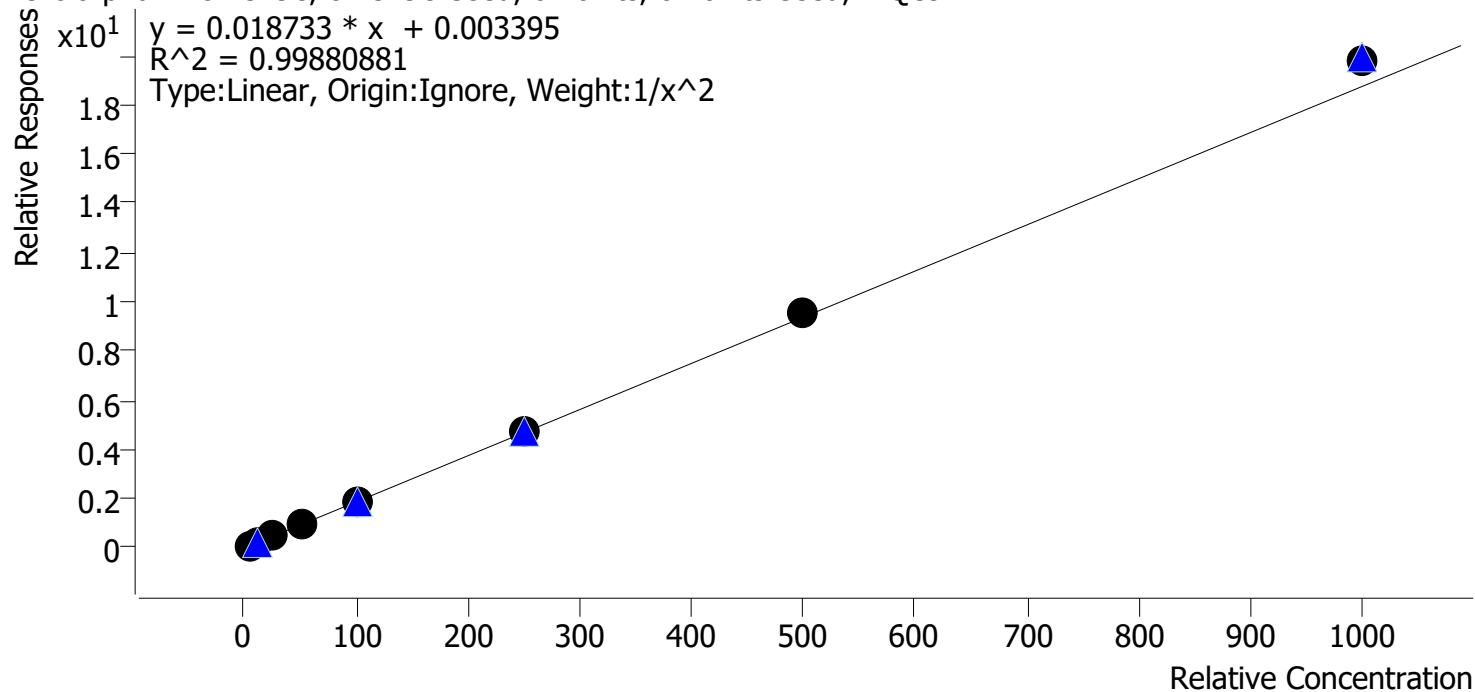
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 104.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.9 | 97.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.6 | 97.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.3 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 499.8 | 100.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1001.3 | 100.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



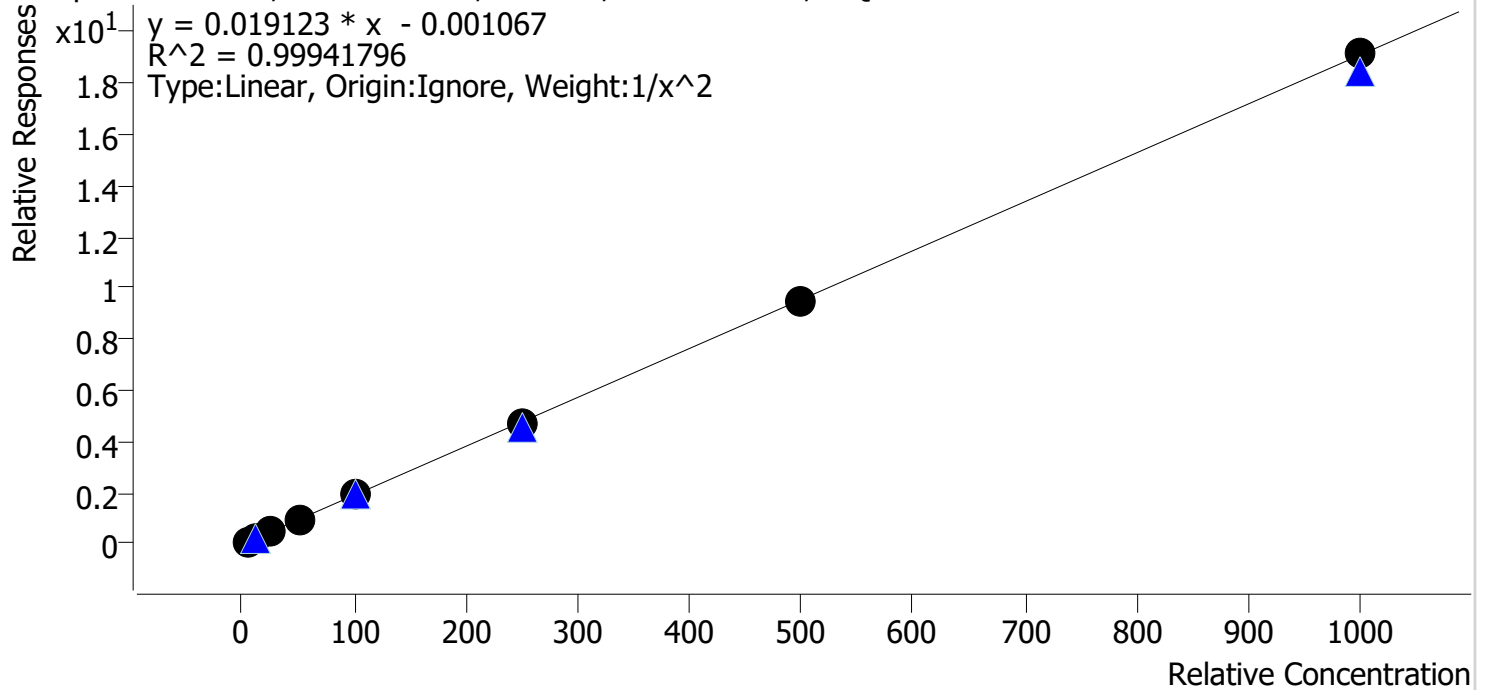
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.1 | 96.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.7 | 97.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.5 | 99.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 506.0 | 101.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1059.4 | 105.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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



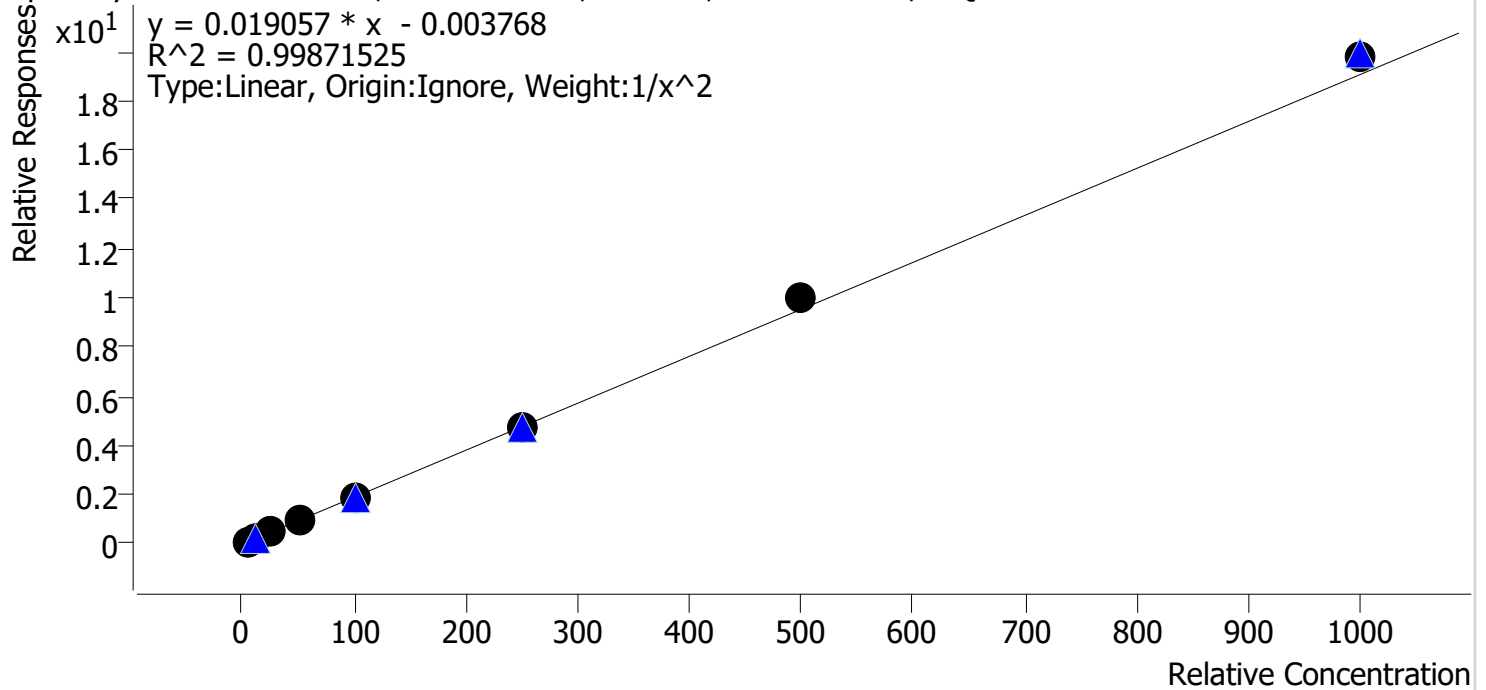
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 104.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.4 | 98.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.1 | 99.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 247.2 | 98.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 497.2 | 99.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1002.9 | 100.3 |

Compound Calibration Report



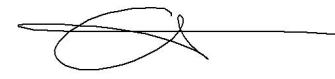
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



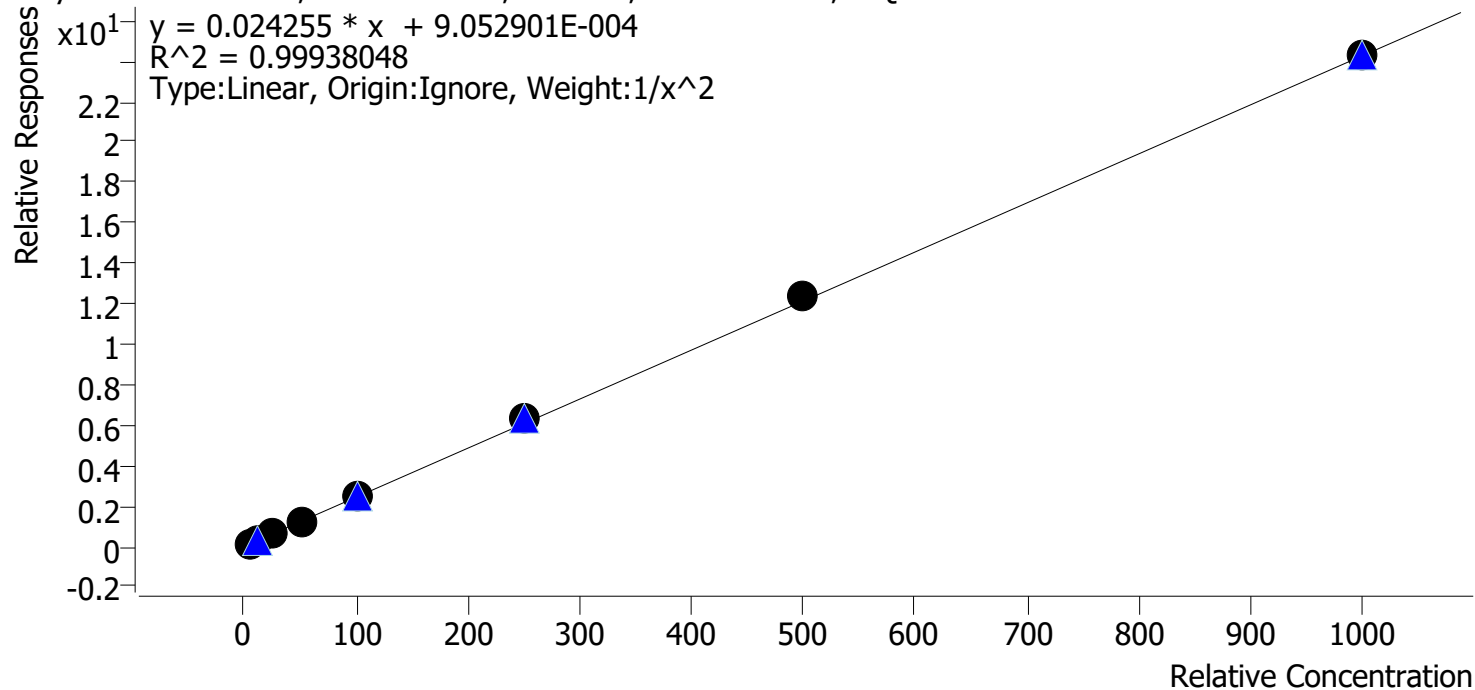
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.3 | 97.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.0 | 100.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 521.6 | 104.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1037.5 | 103.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

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



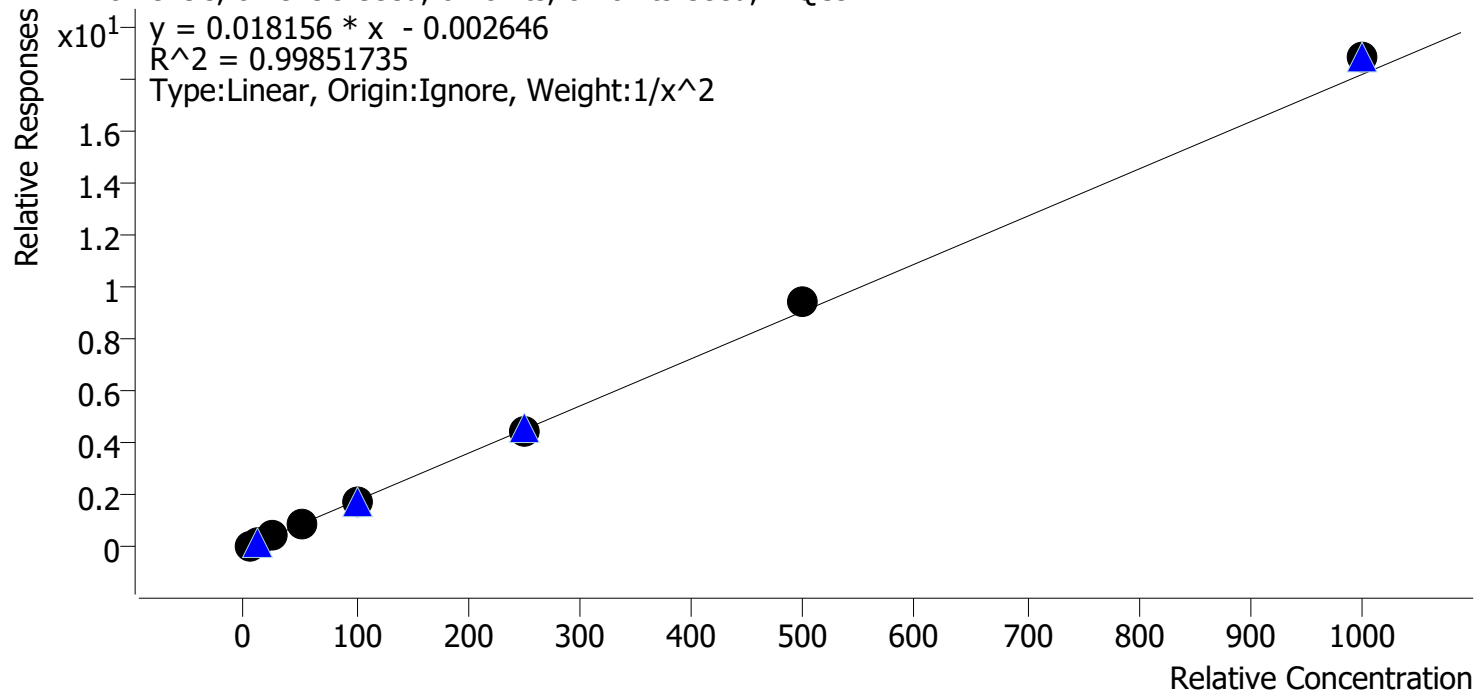
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.2 | 96.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.8 | 98.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.9 | 103.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 512.2 | 102.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1000.6 | 100.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



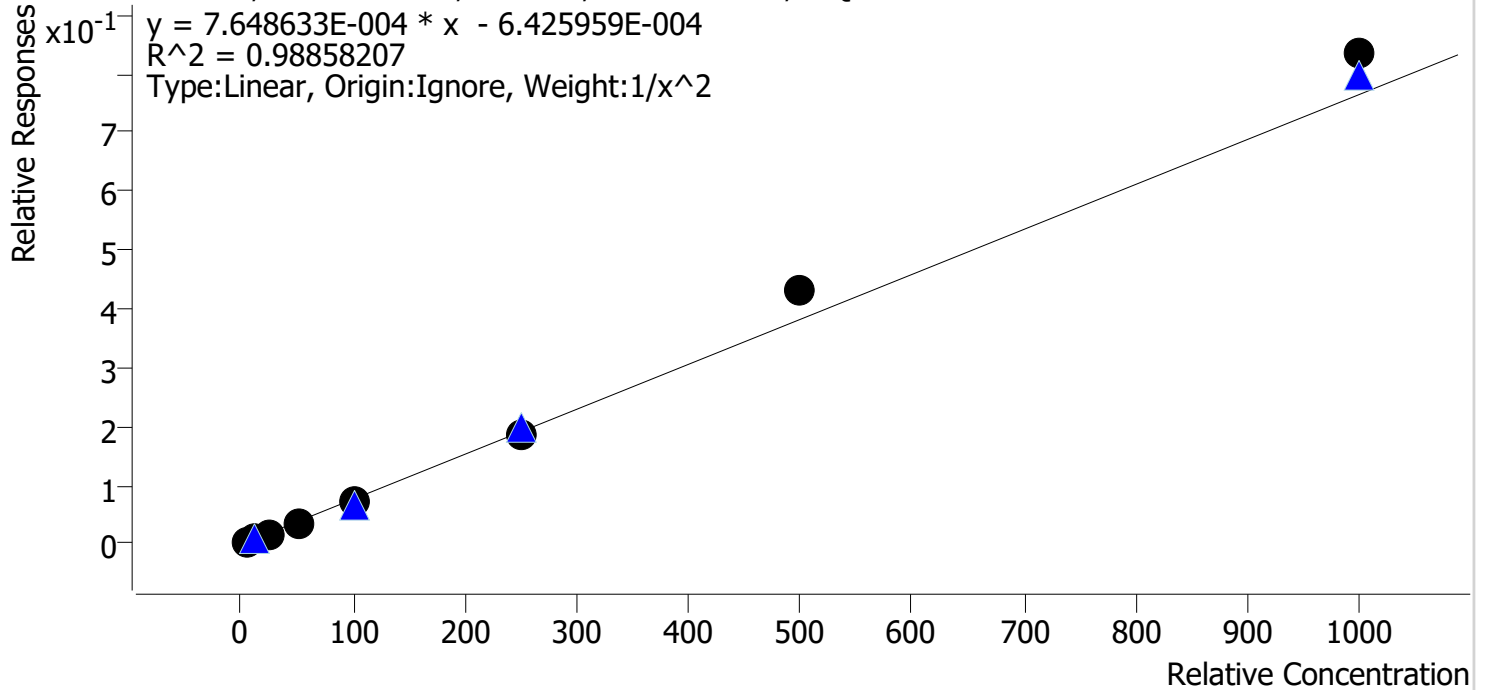
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.5 | 95.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.0 | 96.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.0 | 98.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.2 | 100.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 518.7 | 103.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1035.5 | 103.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Alprazolam-D5

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



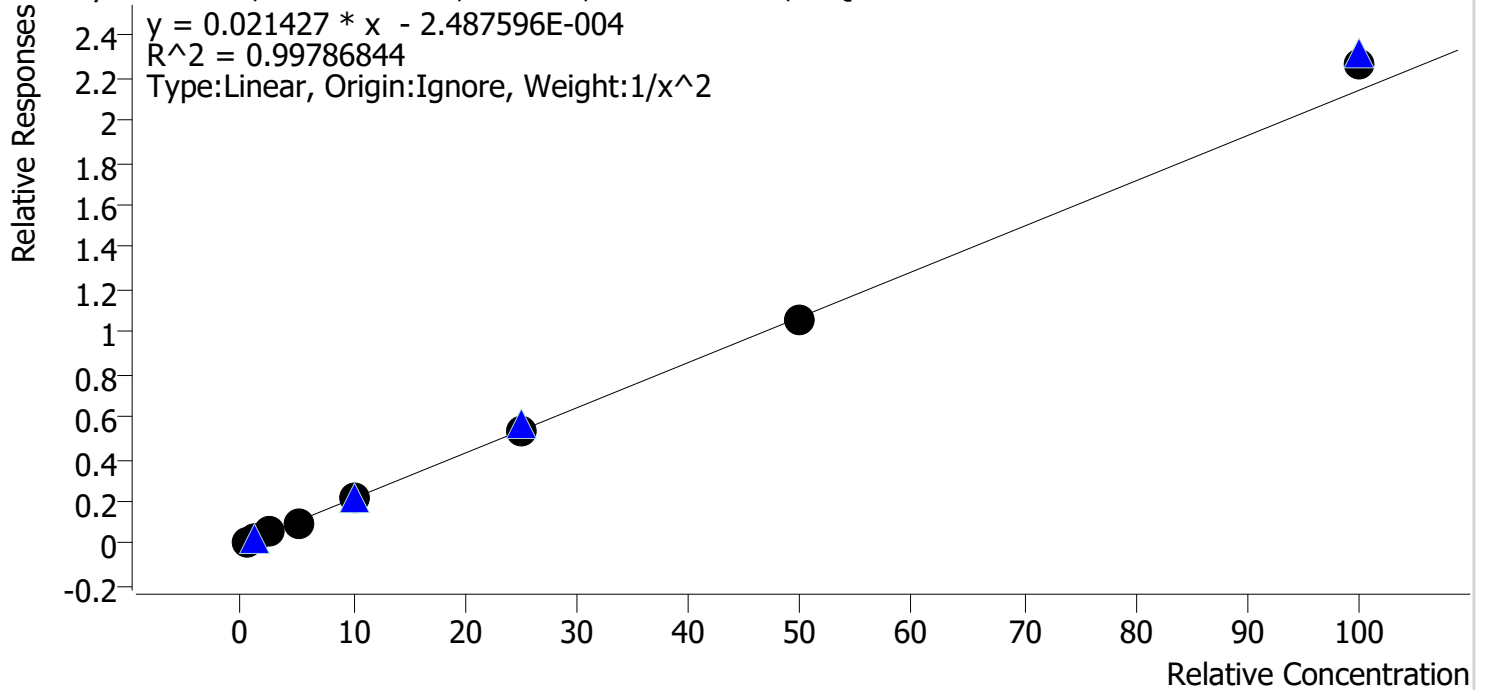
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.4 | 109.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 8.6 | 85.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.2 | 92.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.6 | 95.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.9 | 96.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.4 | 98.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 563.1 | 112.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1091.1 | 109.1 |

Compound Calibration Report



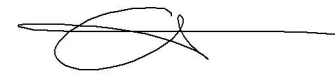
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



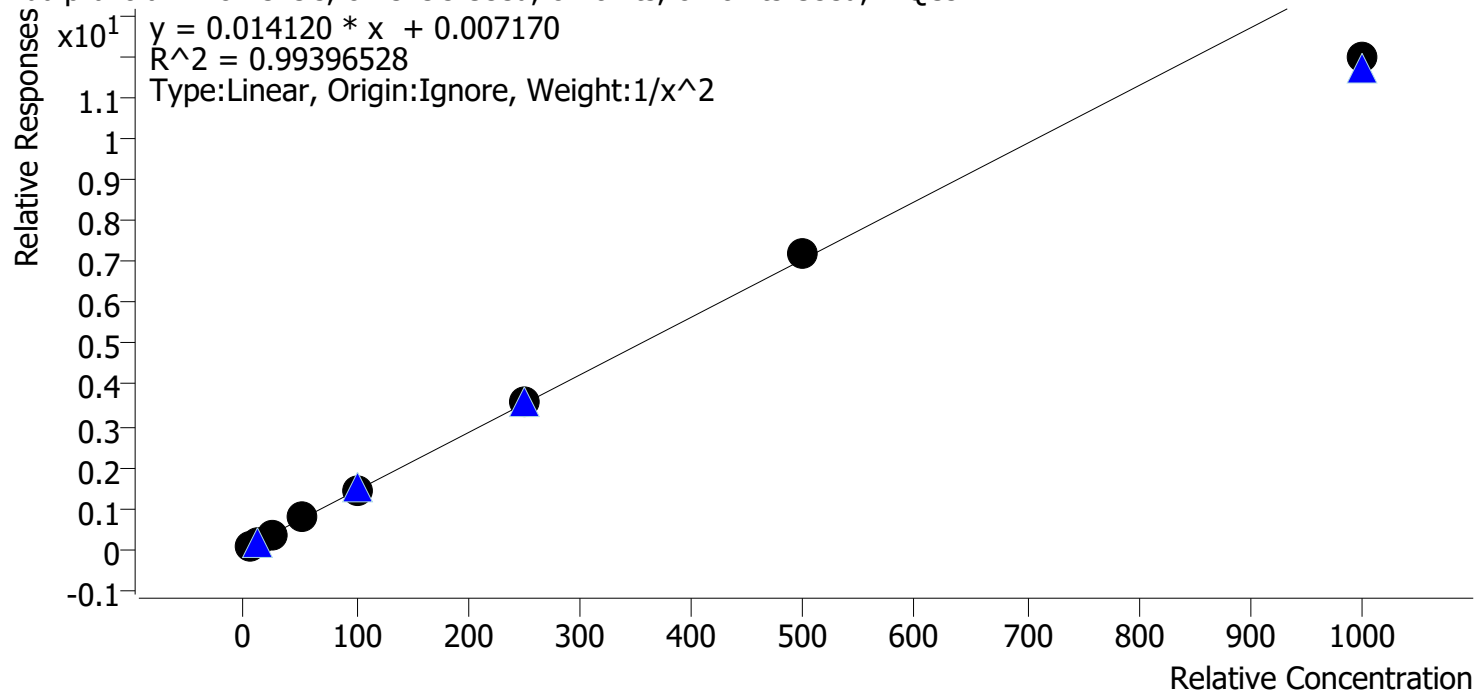
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 97.7 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.1 | 106.8 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.4 | 97.2 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.8 | 95.9 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.8 | 98.1 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.1 | 100.2 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.3 | 98.6 |
| cal 8 mdq | 8 | ✓ | 100.0 | 105.6 | 105.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



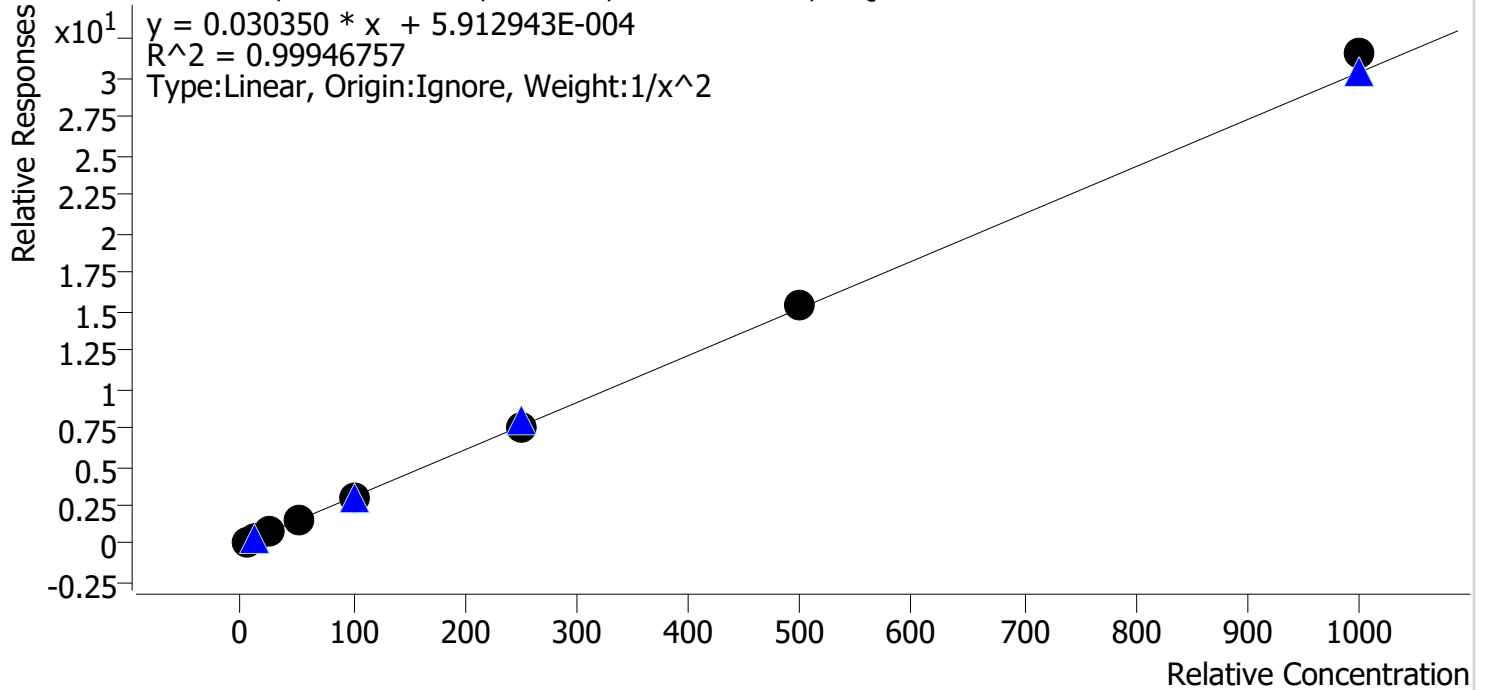
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.6 | 102.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.8 | 105.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.8 | 102.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.7 | 101.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 508.4 | 101.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 848.7 | 84.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



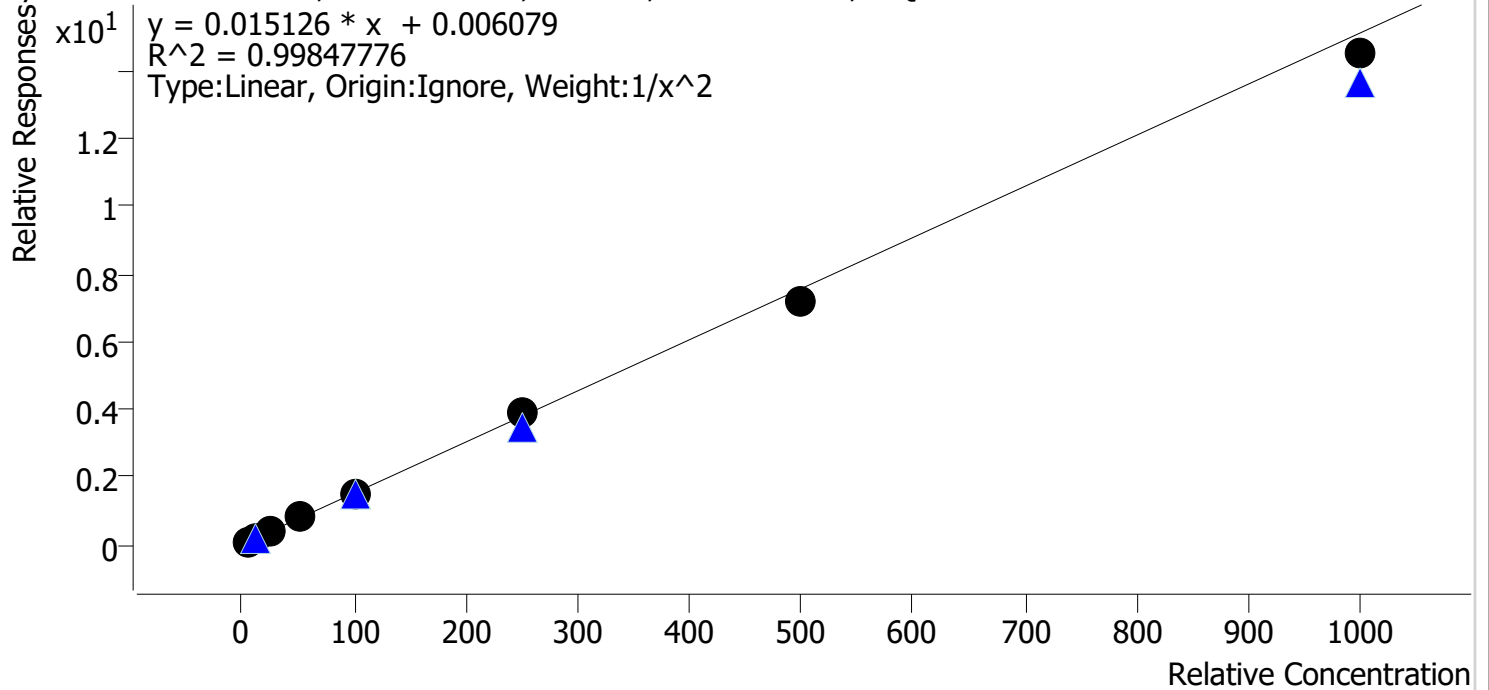
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.5 | 99.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.6 | 97.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.0 | 99.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 504.3 | 100.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1040.0 | 104.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



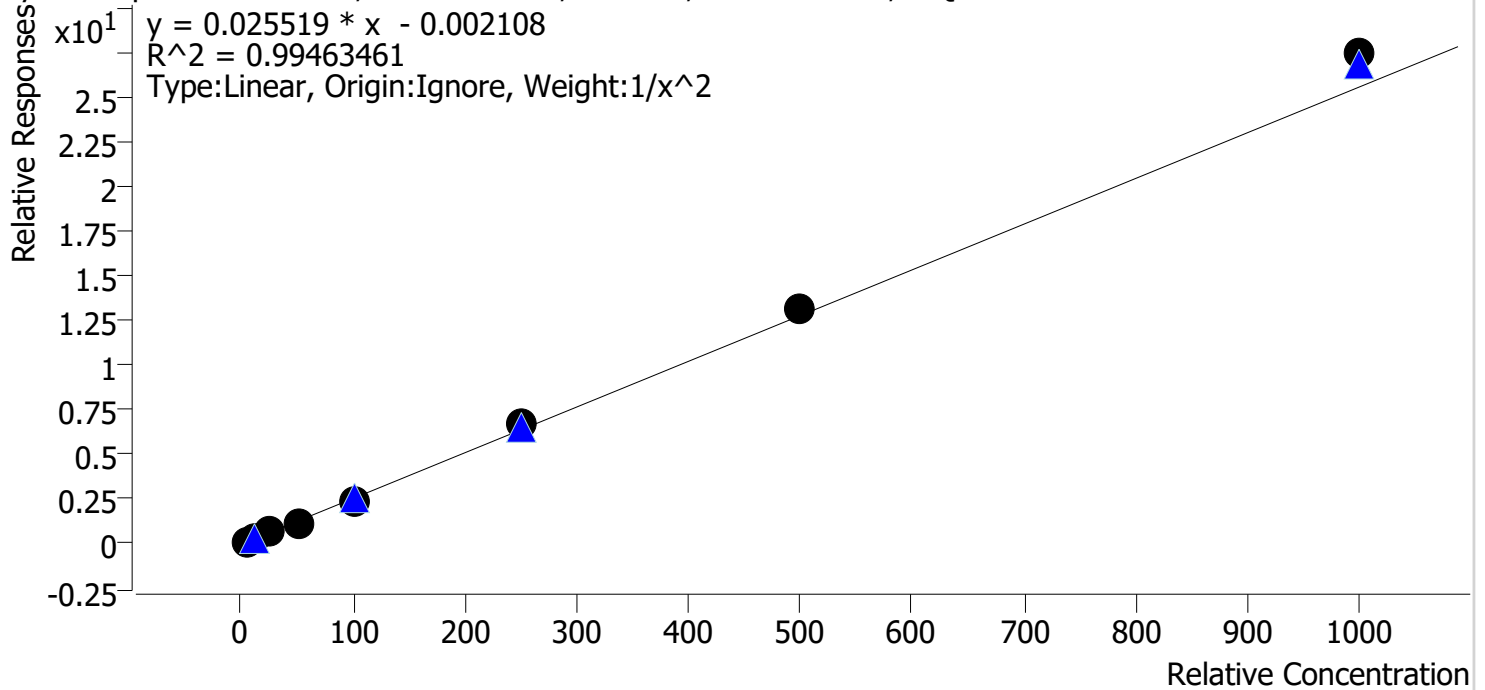
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.4 | 105.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.5 | 103.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.4 | 101.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 478.1 | 95.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 959.7 | 96.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



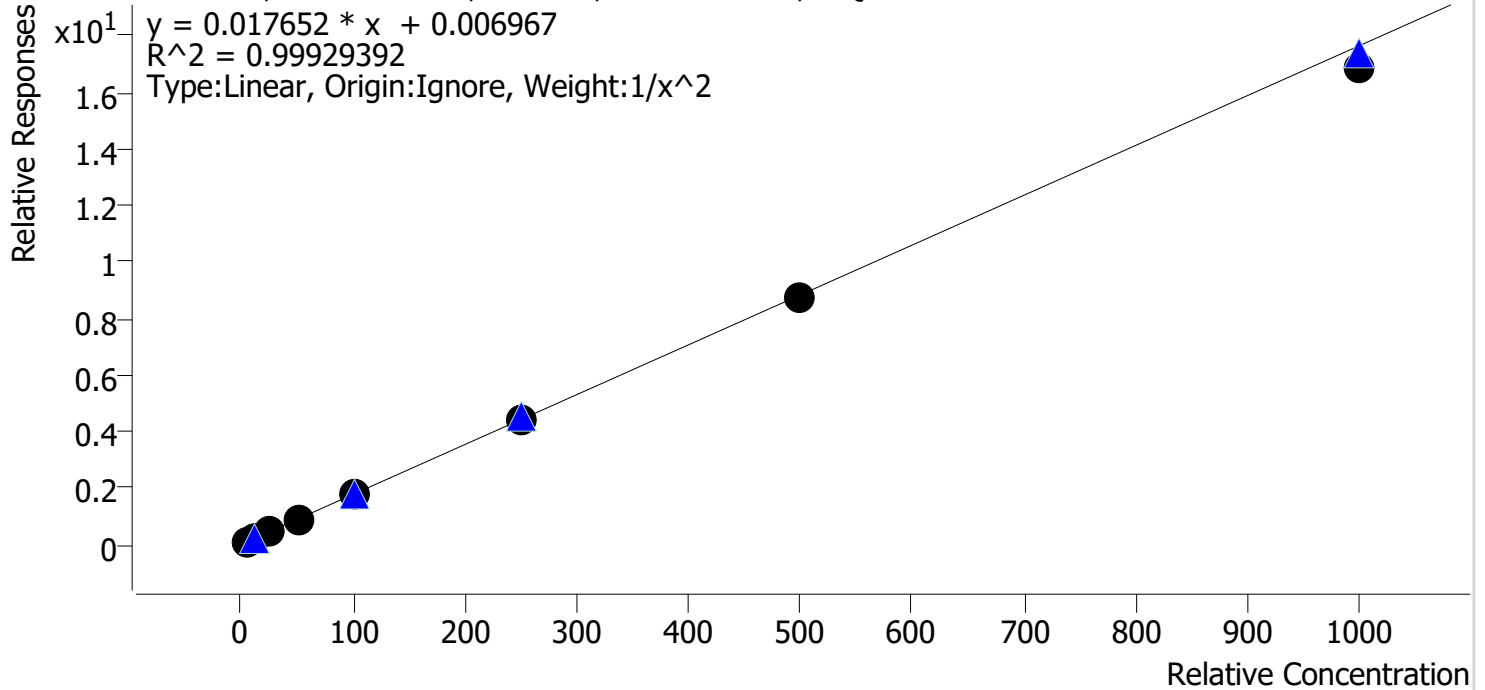
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.3 | 106.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.0 | 89.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.3 | 97.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.4 | 94.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 264.6 | 105.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 511.3 | 102.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1073.2 | 107.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 4.9 | 98.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.3 | 102.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.1 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 494.6 | 98.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 953.7 | 95.4 |

Compound Calibration Report

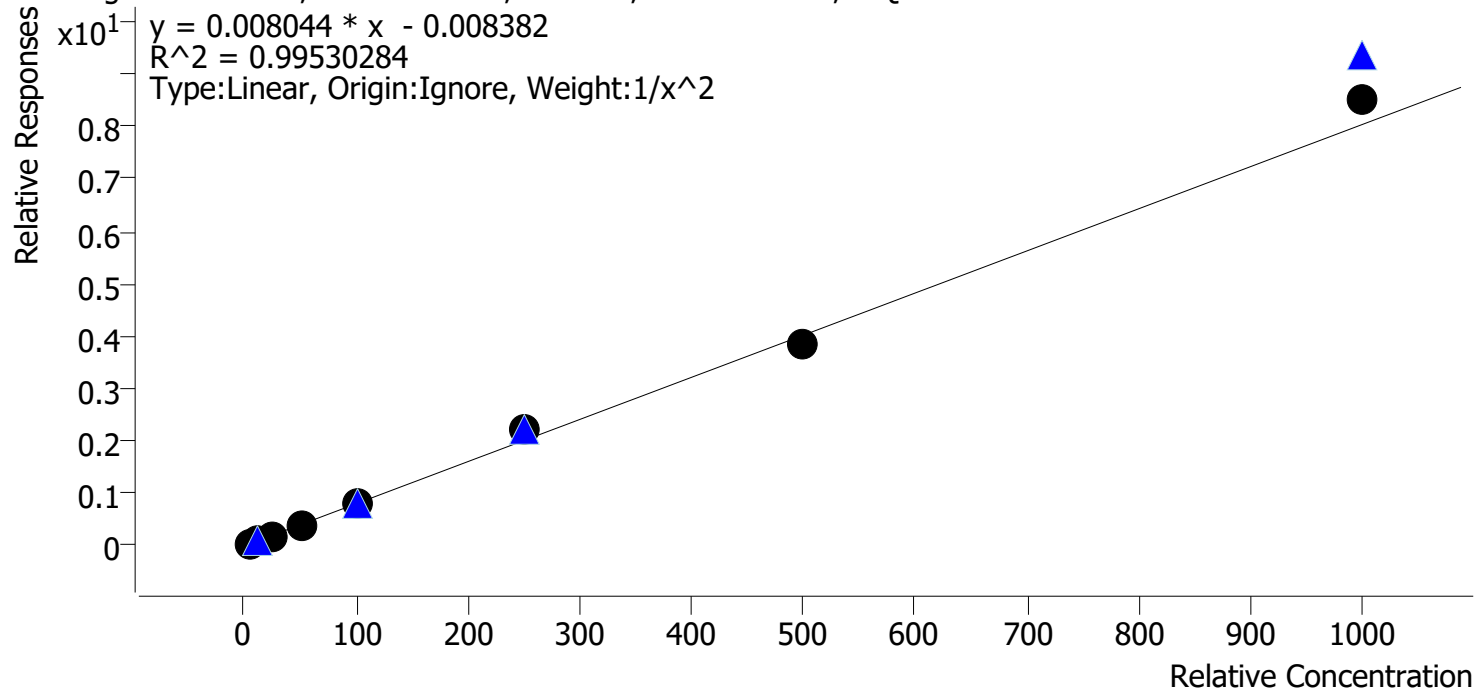


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Lamotrigine

Internal Standard

Carisoprodol-D7

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



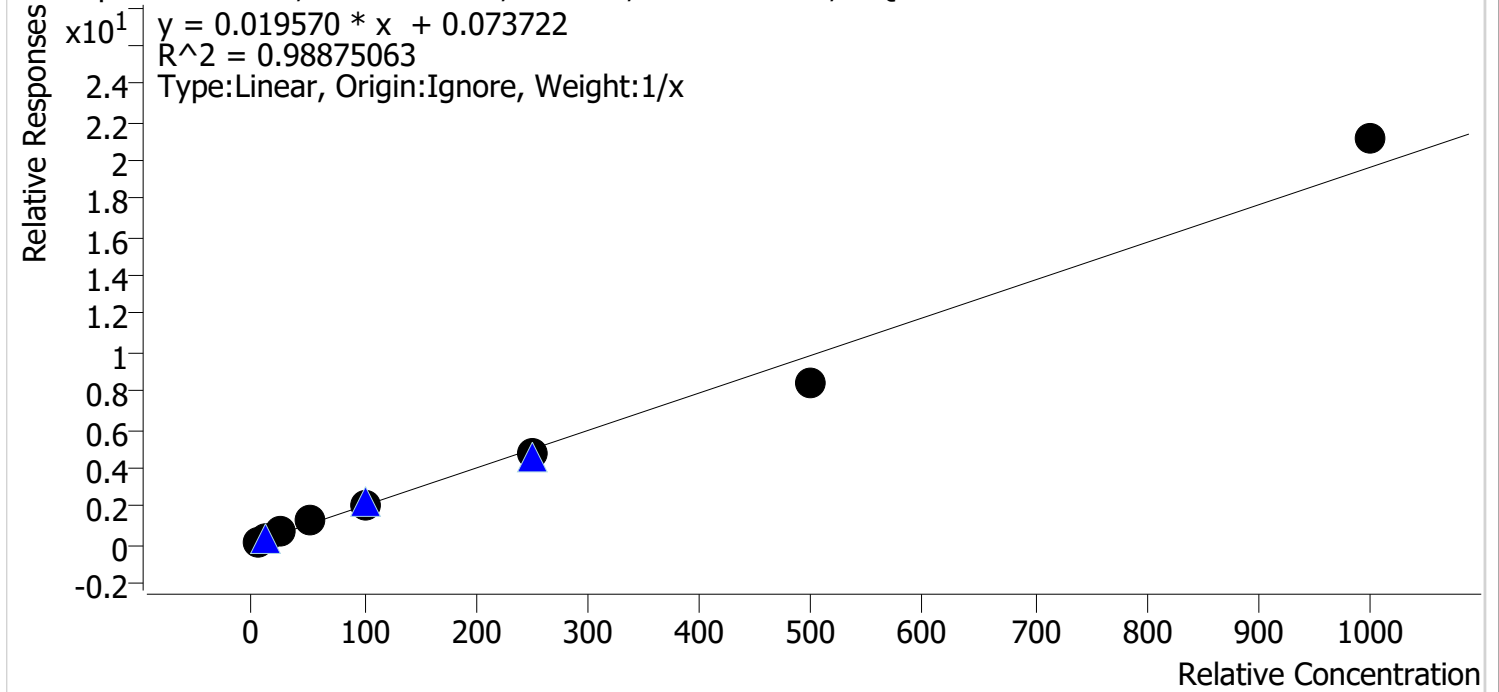
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 22.4 | 89.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.4 | 98.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 273.0 | 109.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 480.2 | 96.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1056.2 | 105.6 |

Compound Calibration Report



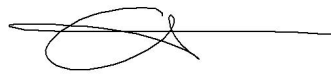
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

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



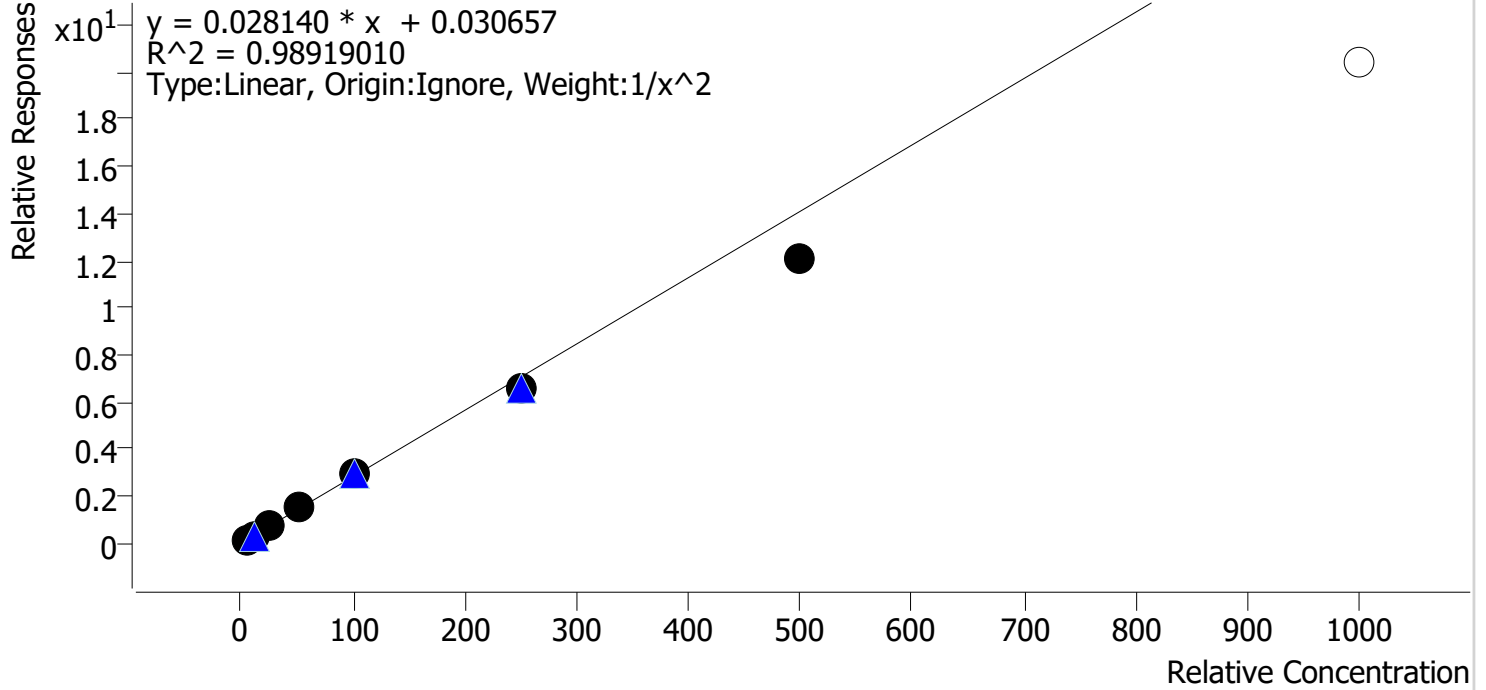
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.2 | 83.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.1 | 90.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 29.6 | 118.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 57.6 | 115.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.0 | 105.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 238.0 | 95.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 423.4 | 84.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1073.1 | 107.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 4.8 | 95.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 104.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.3 | 109.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.8 | 107.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.0 | 105.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 230.6 | 92.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 430.5 | 86.1 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 725.6 | 72.6 |

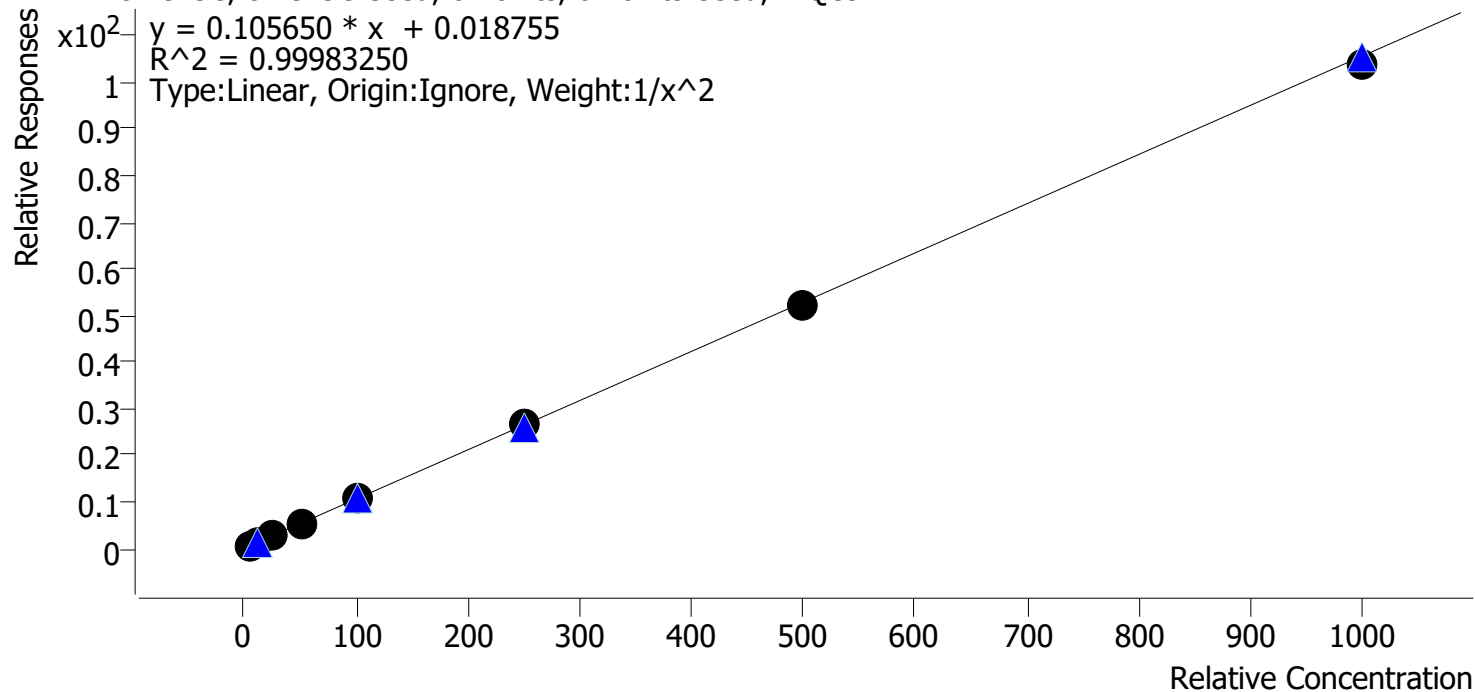
dropped cal 8 due to accuracy

Compound Calibration Report



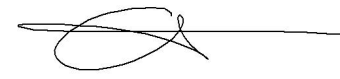
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



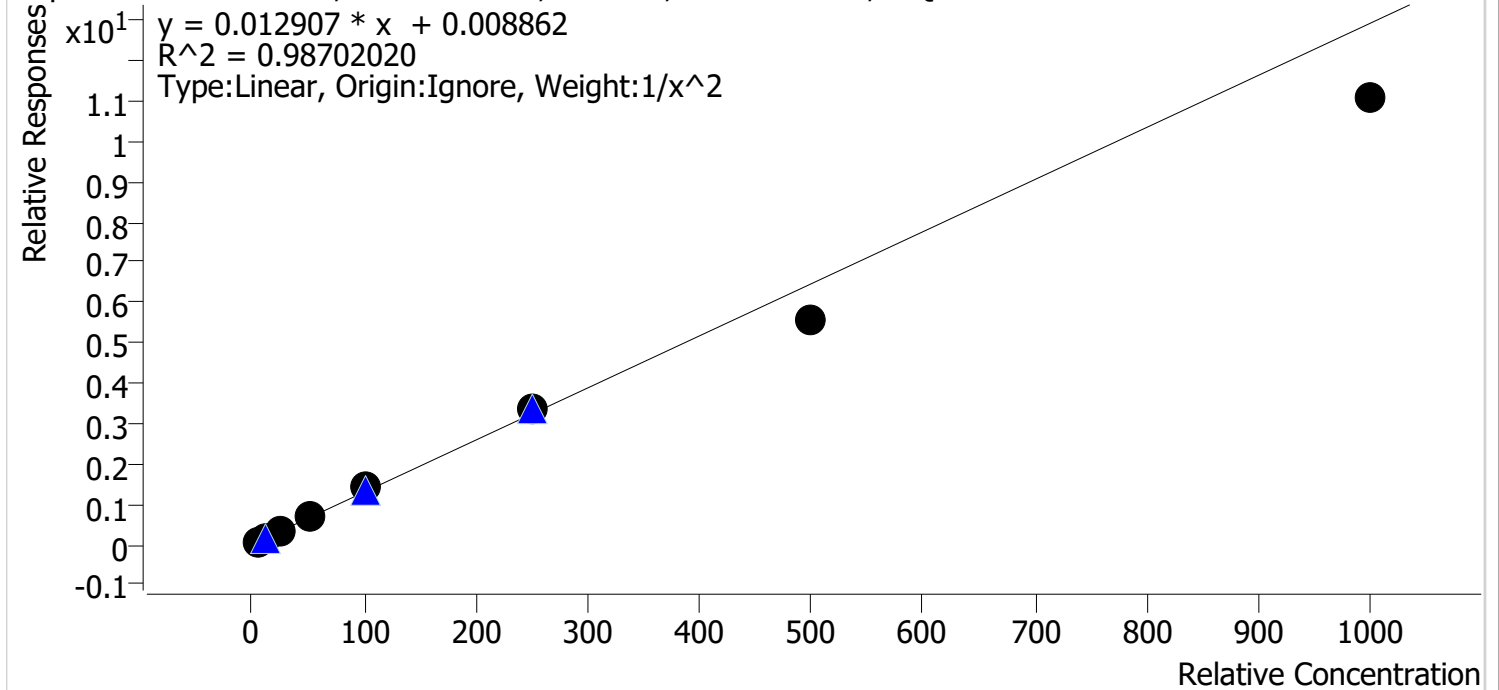
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.4 | 101.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.3 | 100.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.0 | 99.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.6 | 101.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 496.3 | 99.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 985.0 | 98.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Carisoprodol-D7

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



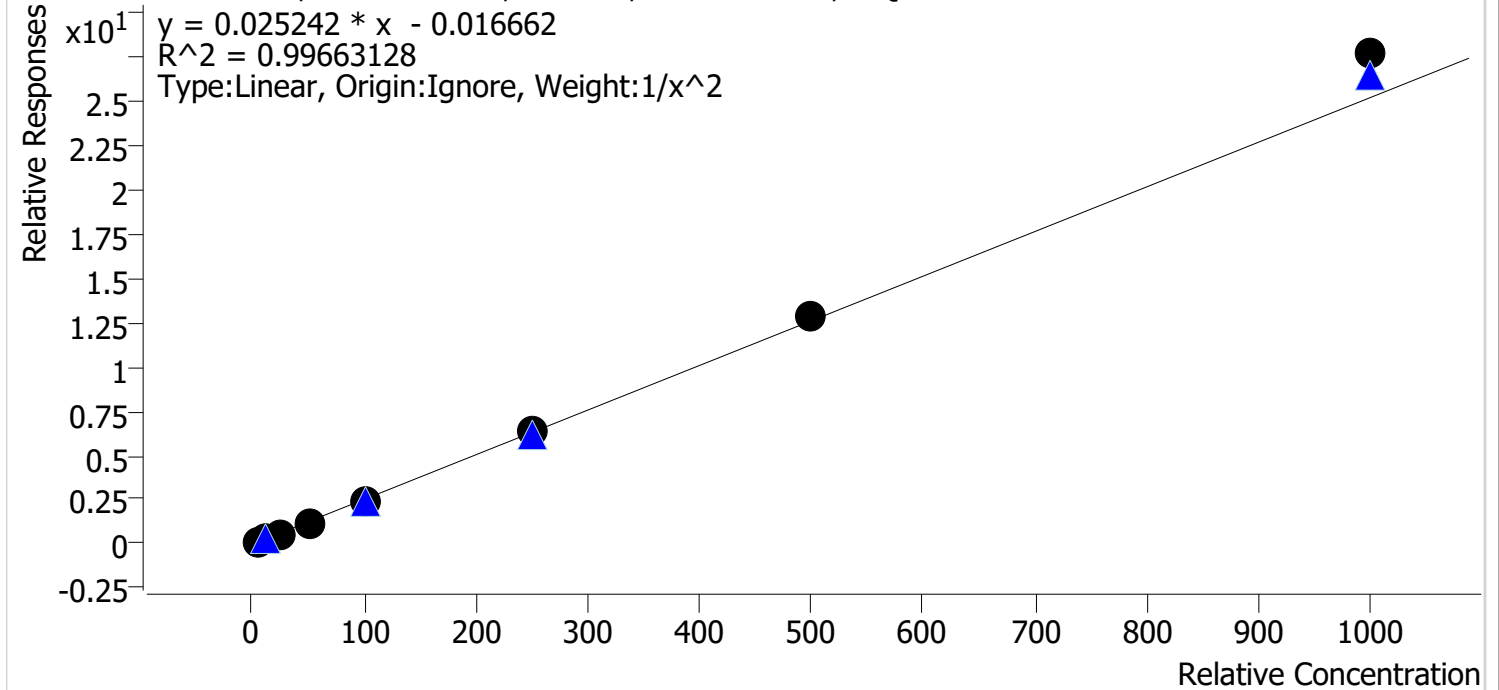
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.1 | 104.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.5 | 108.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 111.7 | 111.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 259.9 | 103.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 427.1 | 85.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 859.1 | 85.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



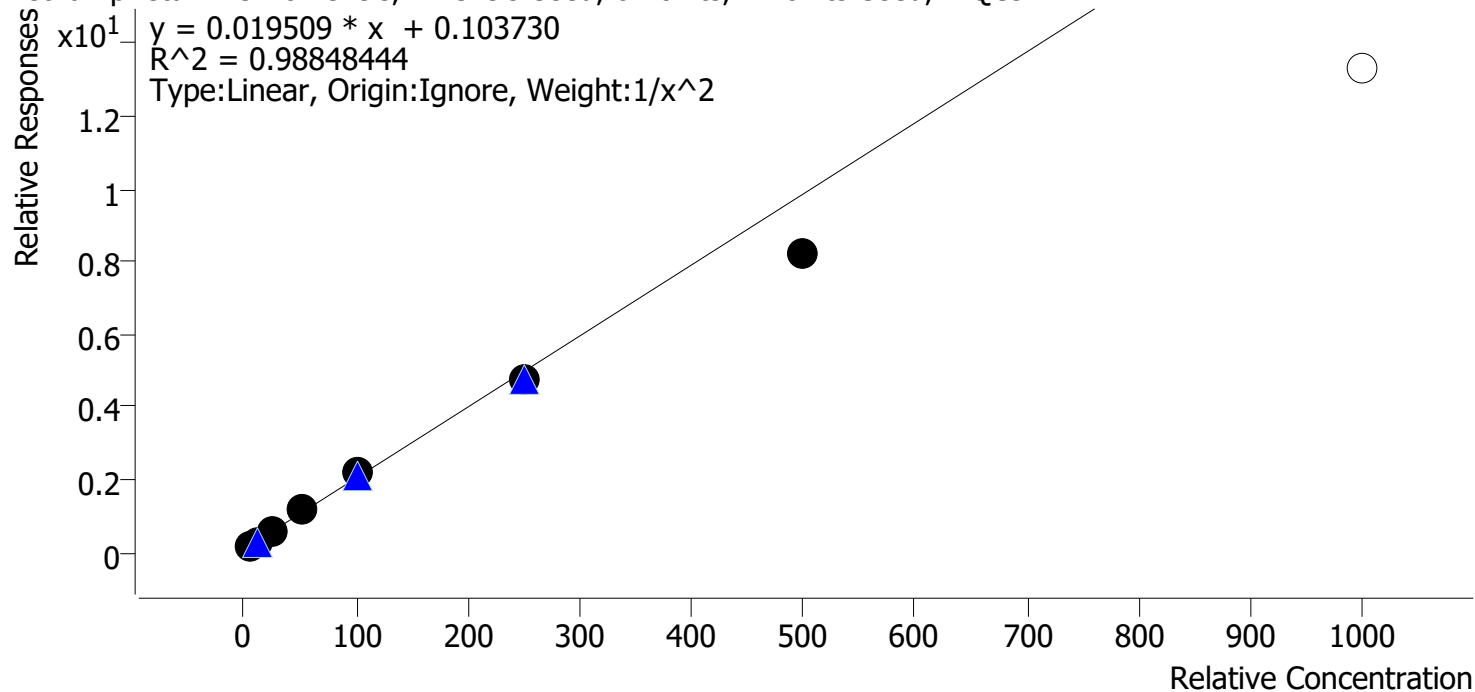
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 97.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.7 | 94.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.2 | 94.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.1 | 98.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.7 | 99.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 512.3 | 102.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1098.7 | 109.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 94.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.8 | 108.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.9 | 103.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.6 | 107.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 106.9 | 106.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 241.1 | 96.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 416.7 | 83.3 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 679.5 | 67.9 |

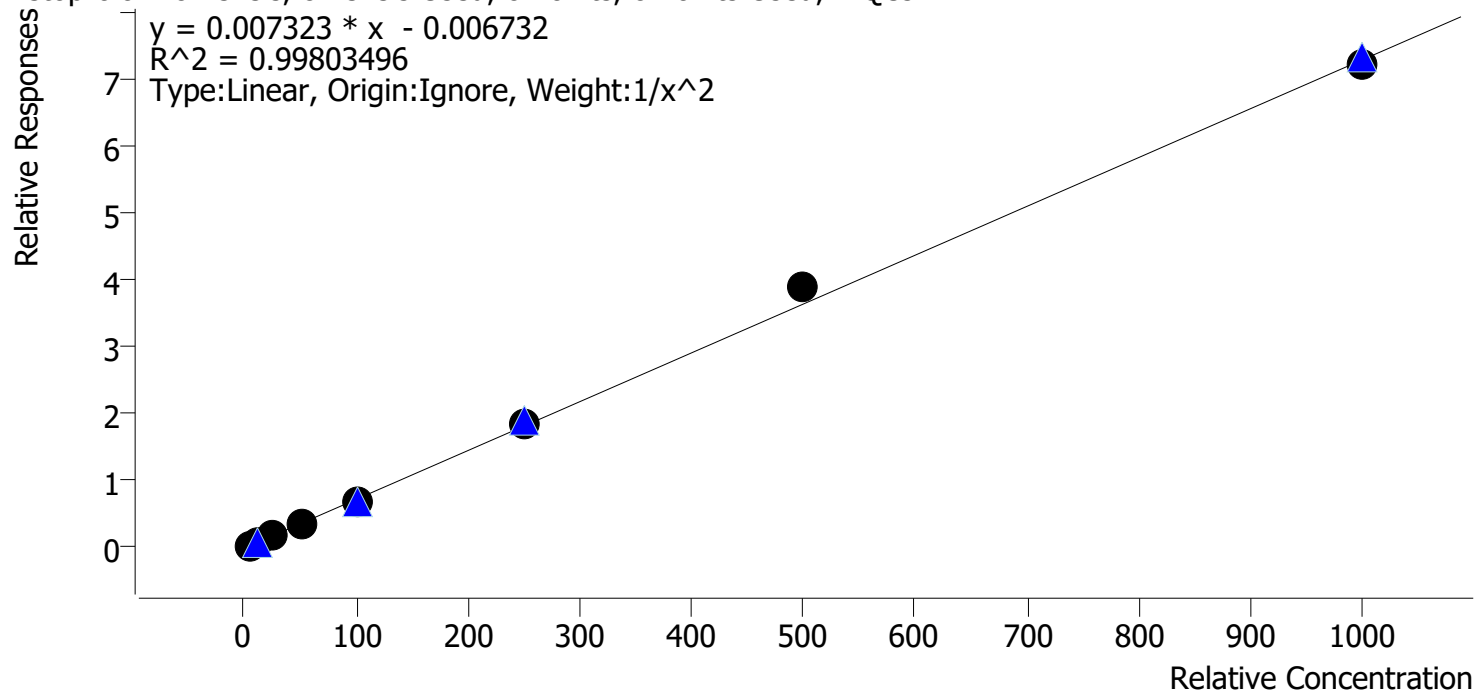
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



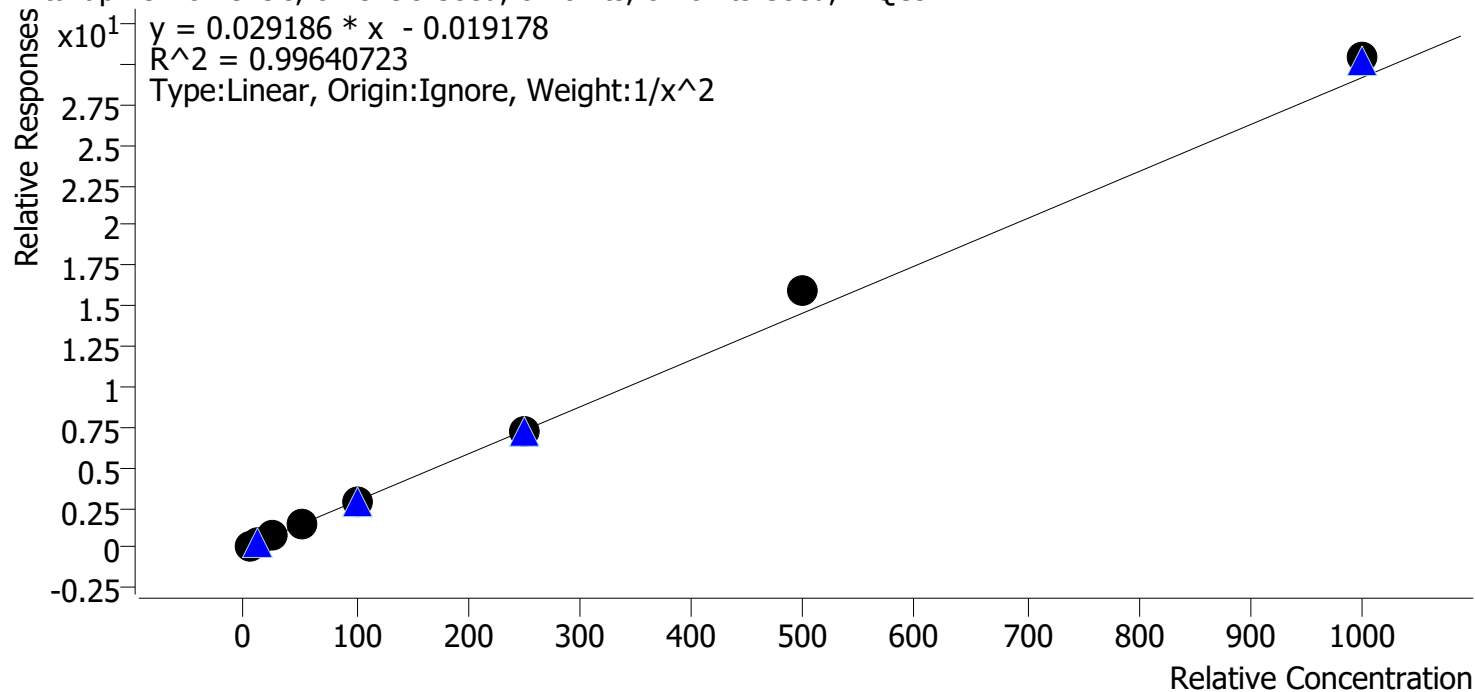
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 99.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.2 | 93.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.0 | 100.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.3 | 98.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.8 | 101.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 534.0 | 106.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 990.4 | 99.0 |

Compound Calibration Report



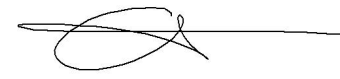
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



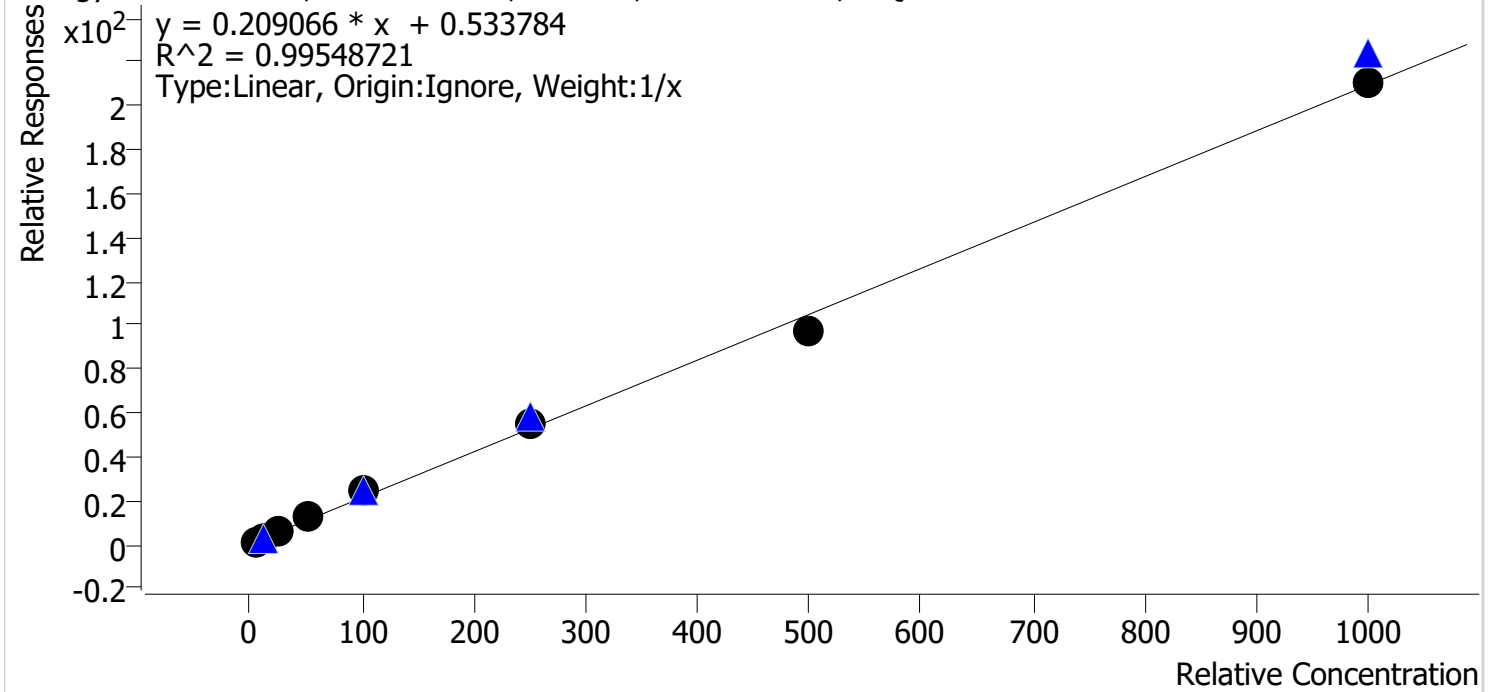
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.5 | 95.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.6 | 95.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.5 | 95.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.1 | 99.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 546.9 | 109.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1042.5 | 104.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Norbuprenorphine-D3

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



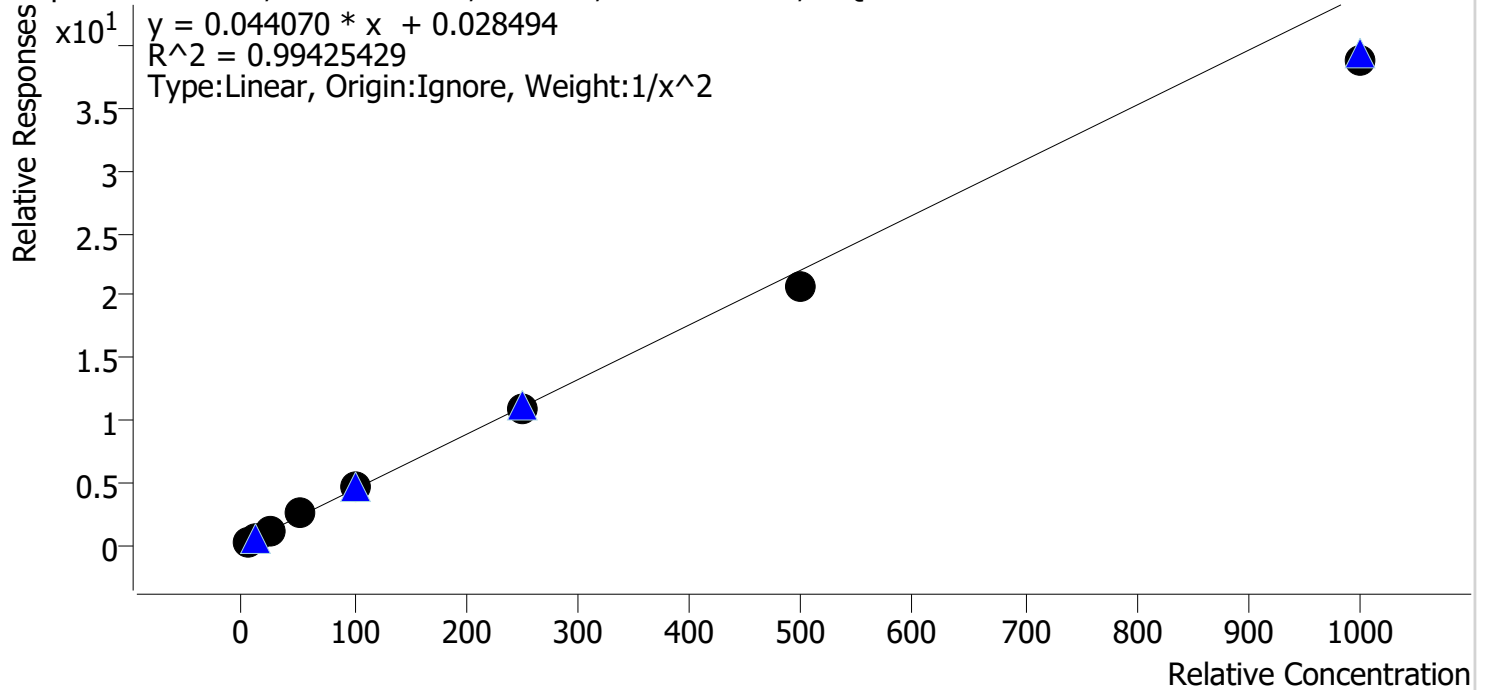
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 3.8 | 76.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.4 | 94.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.4 | 97.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 58.3 | 116.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 117.5 | 117.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 260.1 | 104.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 462.2 | 92.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1004.2 | 100.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

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



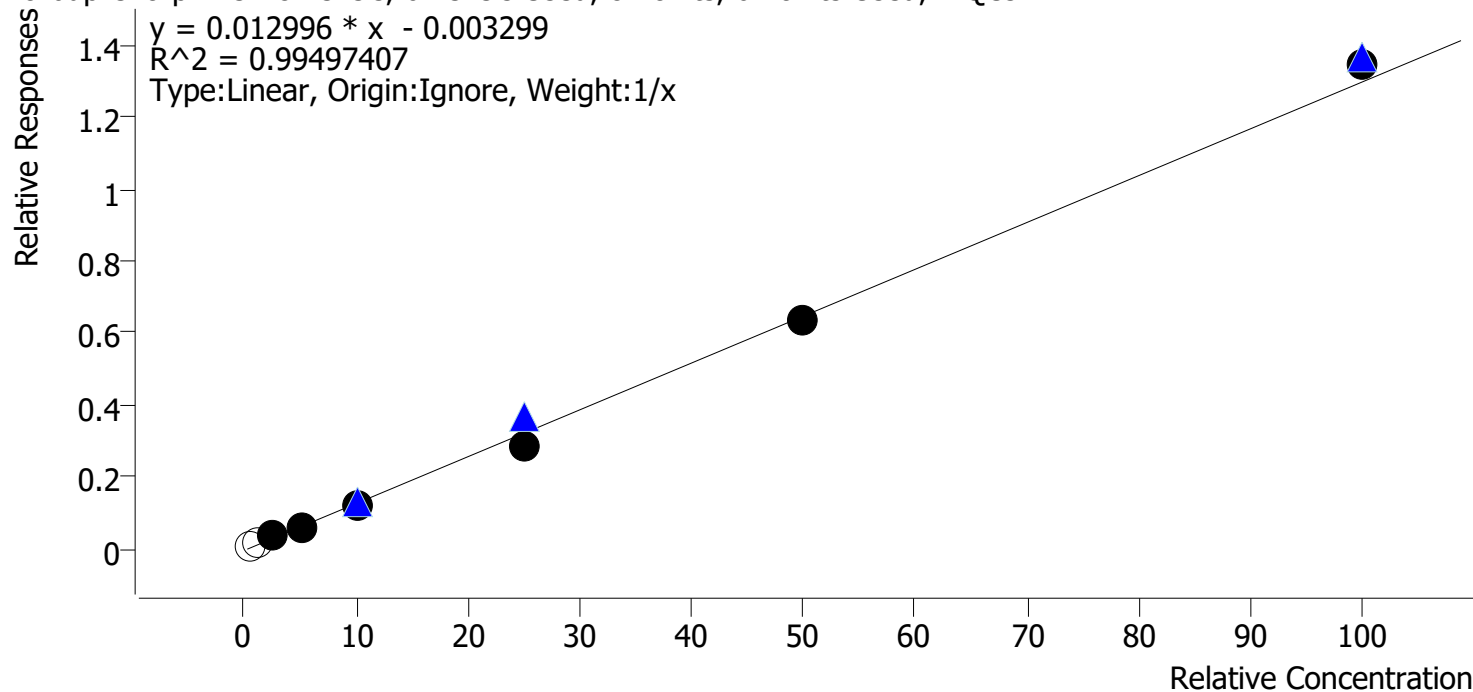
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.4 | 105.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.4 | 108.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.9 | 103.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.4 | 99.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 471.9 | 94.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 884.6 | 88.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | x | 0.5 | 1.0 | 198.9 |
| cal 2 mdq | 2 | x | 1.0 | 1.7 | 166.8 |
| cal 3 mdq | 3 | ✓ | 2.5 | 3.2 | 126.6 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.5 | 89.2 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.2 | 92.0 |
| cal 6 mdq | 6 | ✓ | 25.0 | 22.3 | 89.3 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.5 | 99.0 |
| cal 8 mdq | 8 | ✓ | 100.0 | 103.8 | 103.8 |

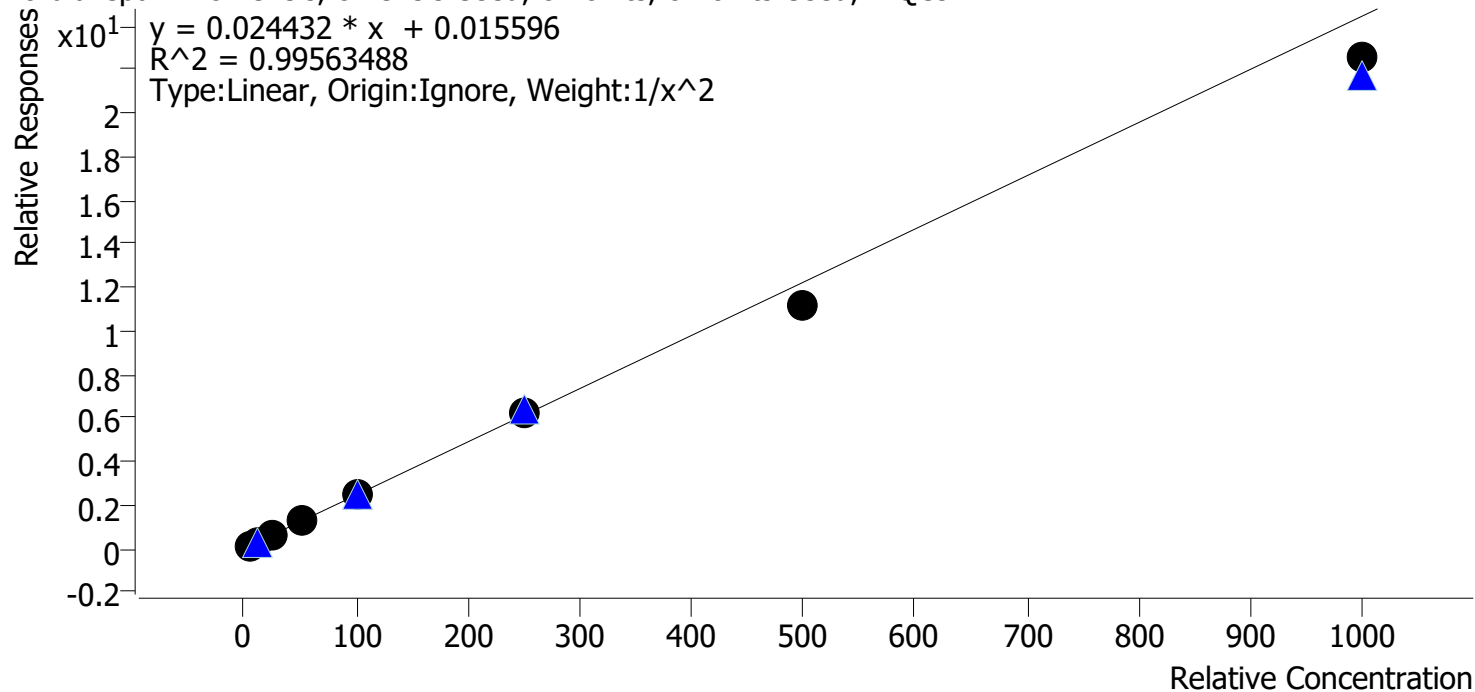
dropped cal 7 and 8 due to poor response, and ratios out of range.

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

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



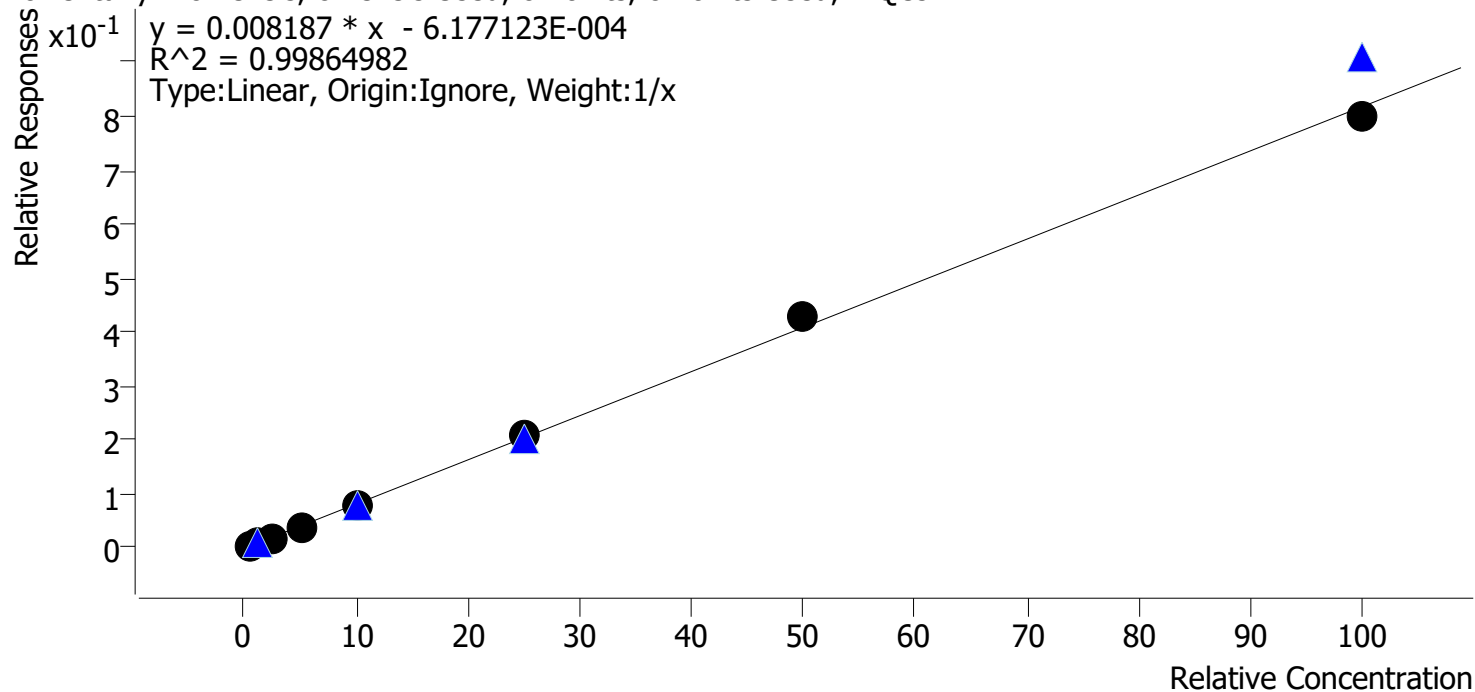
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.0 | 104.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.4 | 104.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.9 | 103.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.9 | 103.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 455.9 | 91.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 922.1 | 92.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



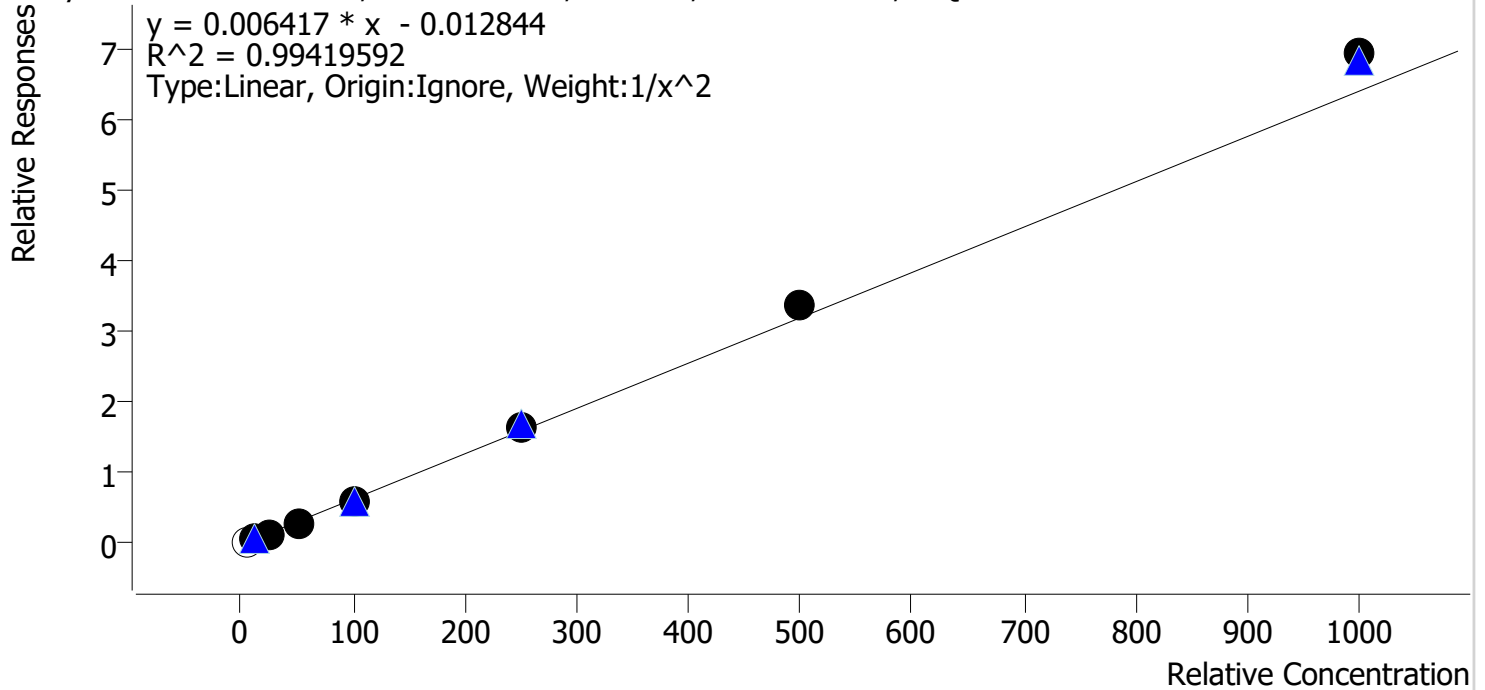
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 110.0 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 99.9 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.4 | 96.2 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.7 | 94.9 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.4 | 94.4 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.4 | 101.6 |
| cal 7 mdq | 7 | ✓ | 50.0 | 52.6 | 105.2 |
| cal 8 mdq | 8 | ✓ | 100.0 | 97.9 | 97.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | x | 5.0 | 5.9 | 119.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 104.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.1 | 92.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 46.5 | 92.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.7 | 94.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.8 | 101.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 525.4 | 105.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1082.9 | 108.3 |

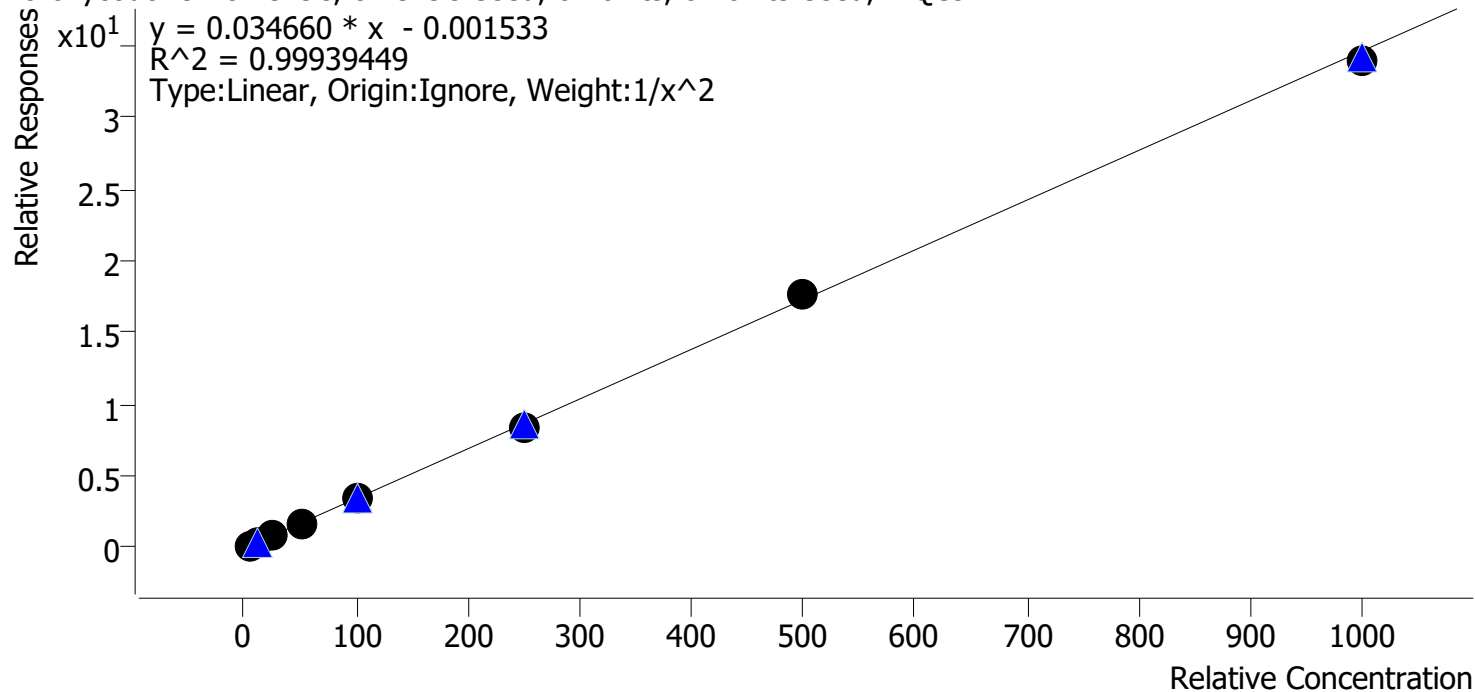
dropped cal 1 due to ratio being out of range

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

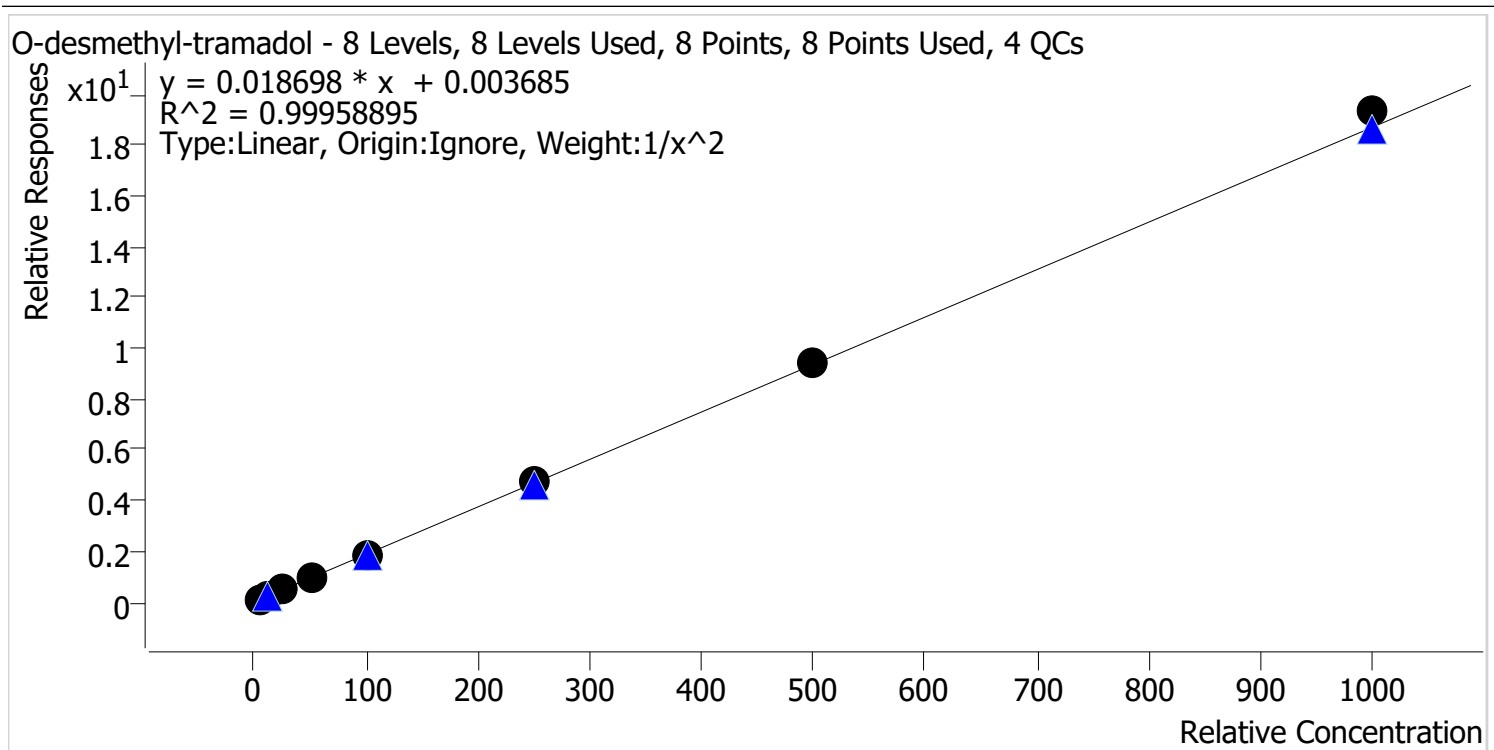


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.1 | 100.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.1 | 101.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 241.8 | 96.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 509.2 | 101.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 980.1 | 98.0 |

Compound Calibration Report

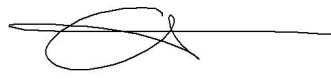


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



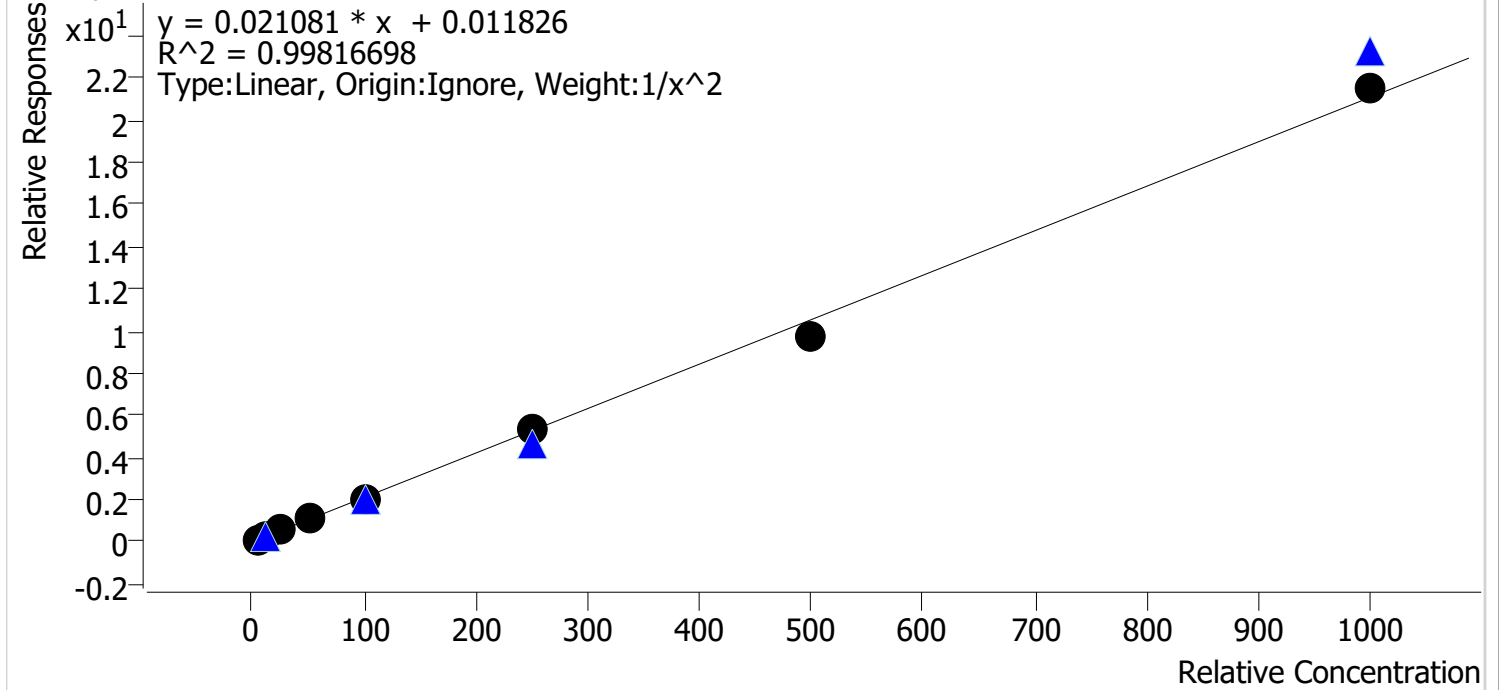
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.9 | 99.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.7 | 97.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.5 | 98.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.5 | 100.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 503.6 | 100.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1033.9 | 103.4 |

Compound Calibration Report



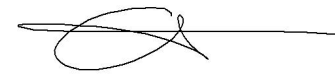
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



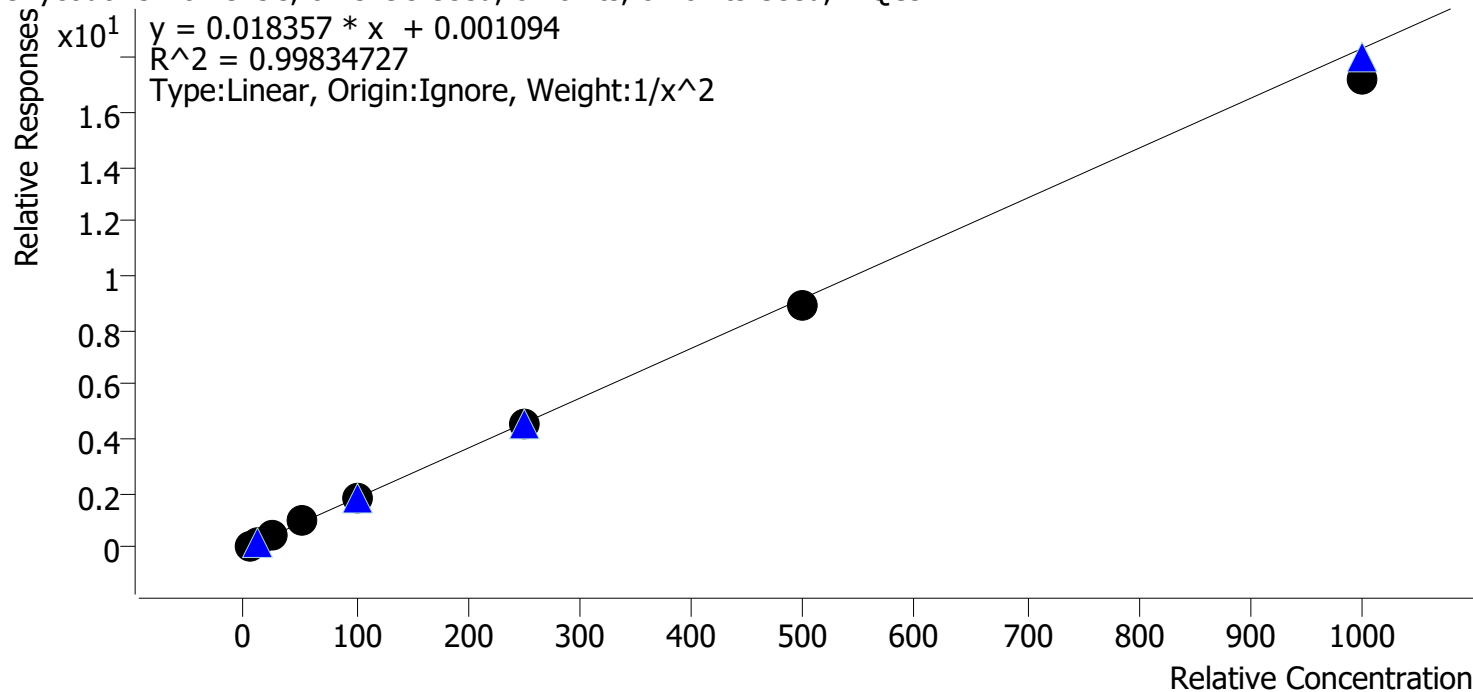
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 99.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.0 | 100.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.1 | 106.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.9 | 100.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 466.2 | 93.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1019.7 | 102.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



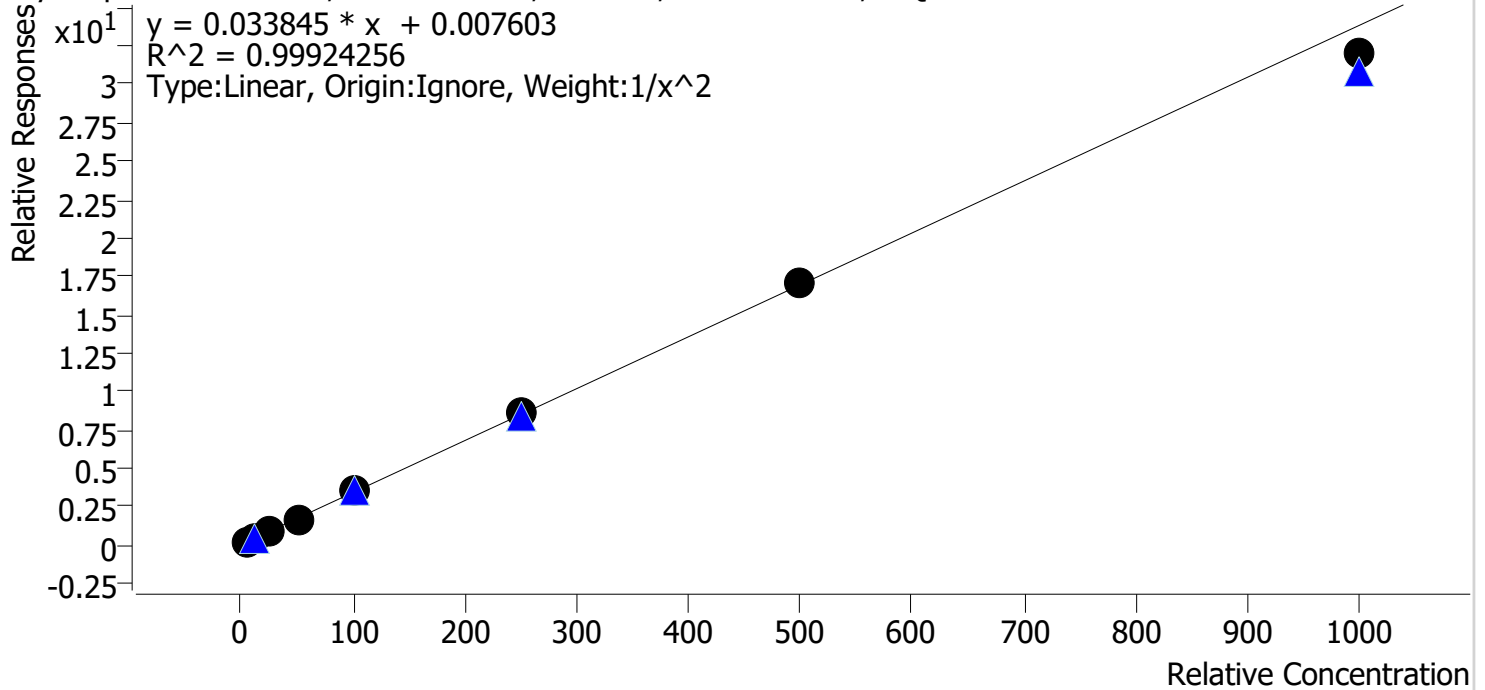
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.1 | 104.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.7 | 100.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.5 | 99.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 488.7 | 97.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 941.0 | 94.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



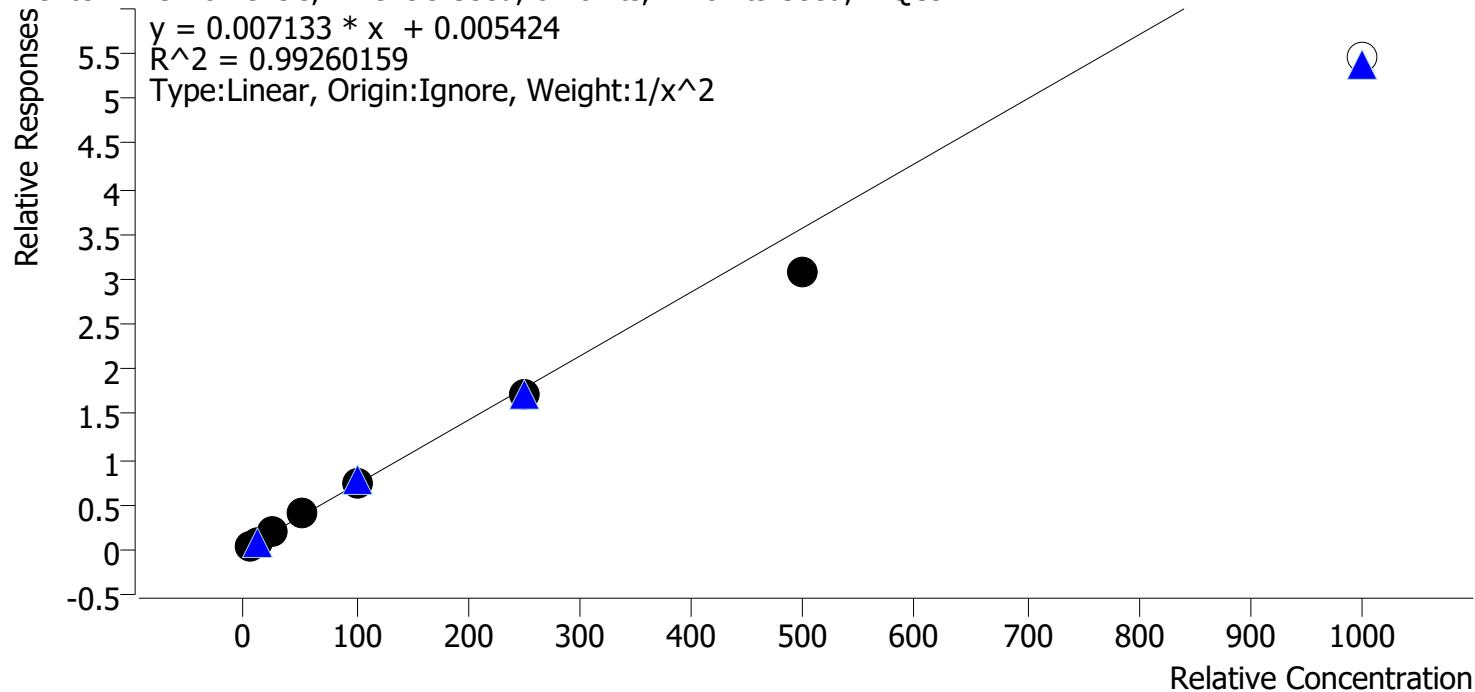
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.0 | 100.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.4 | 101.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.9 | 102.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.4 | 100.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 945.6 | 94.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 96.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.3 | 106.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.2 | 103.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 242.2 | 96.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 432.9 | 86.6 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 764.8 | 76.5 |

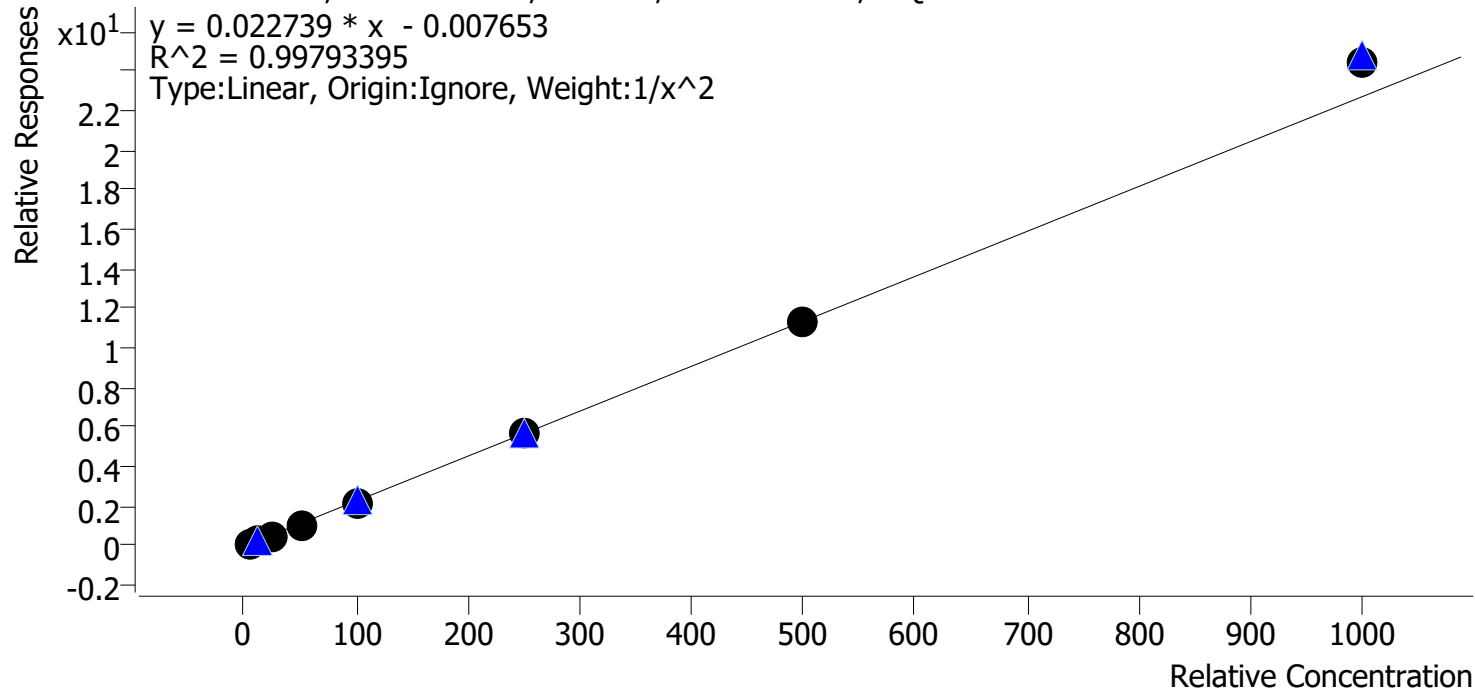
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



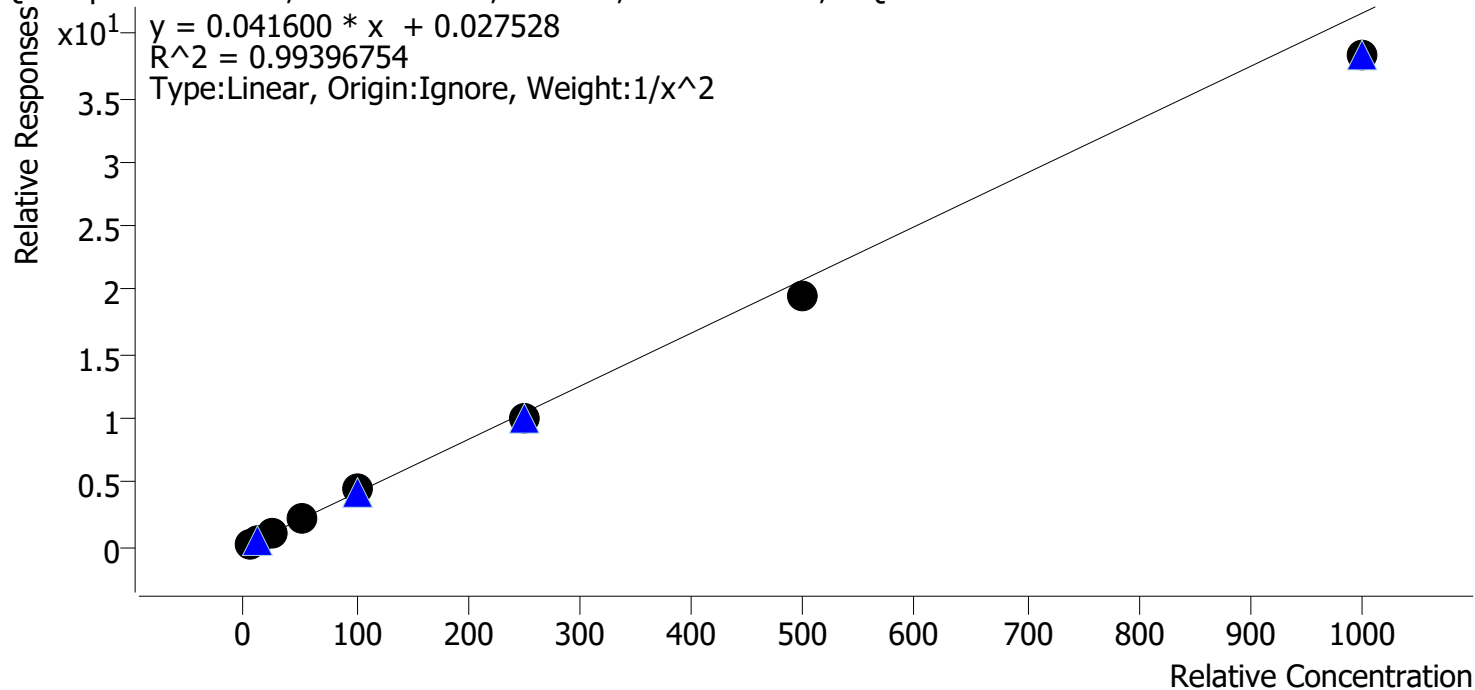
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.7 | 94.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.4 | 96.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.1 | 98.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.5 | 101.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.2 | 100.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1080.1 | 108.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



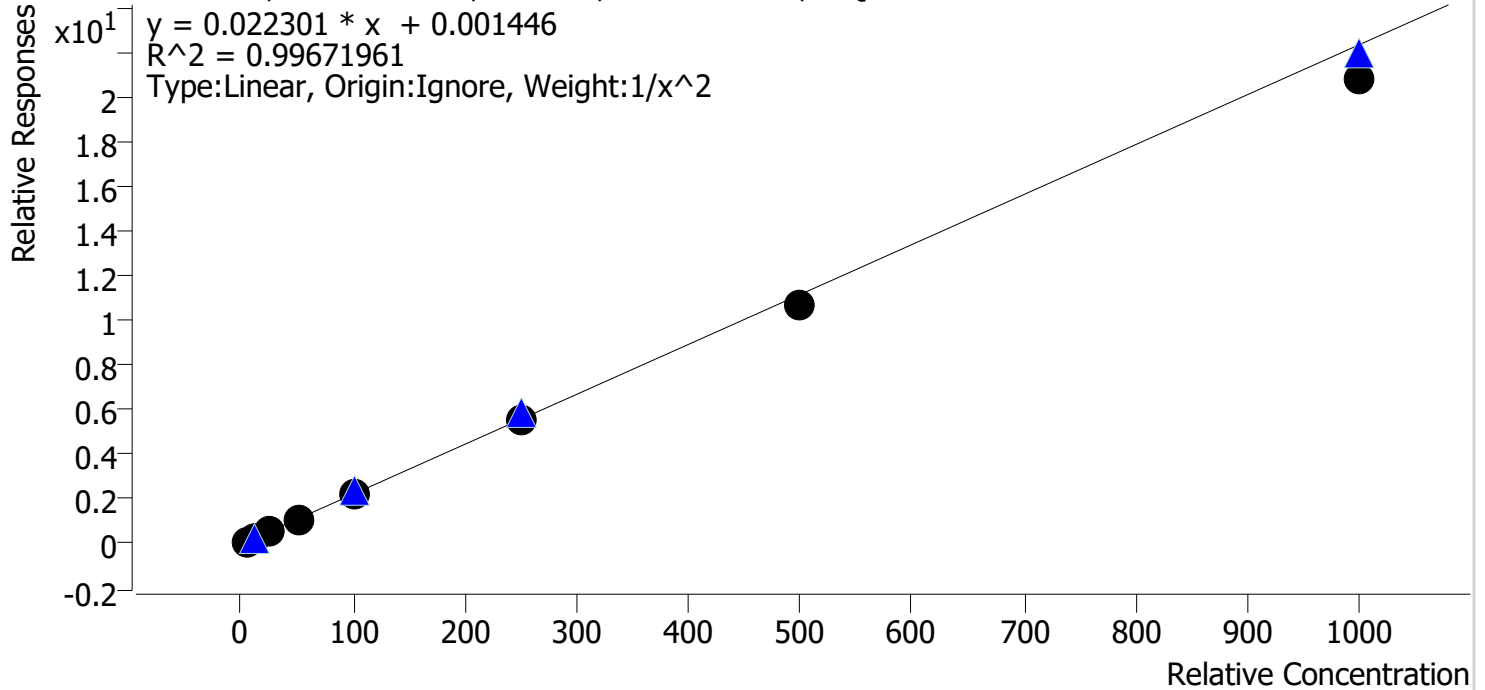
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 93.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.9 | 109.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.1 | 108.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.3 | 100.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.4 | 104.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 243.2 | 97.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 472.2 | 94.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 920.1 | 92.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



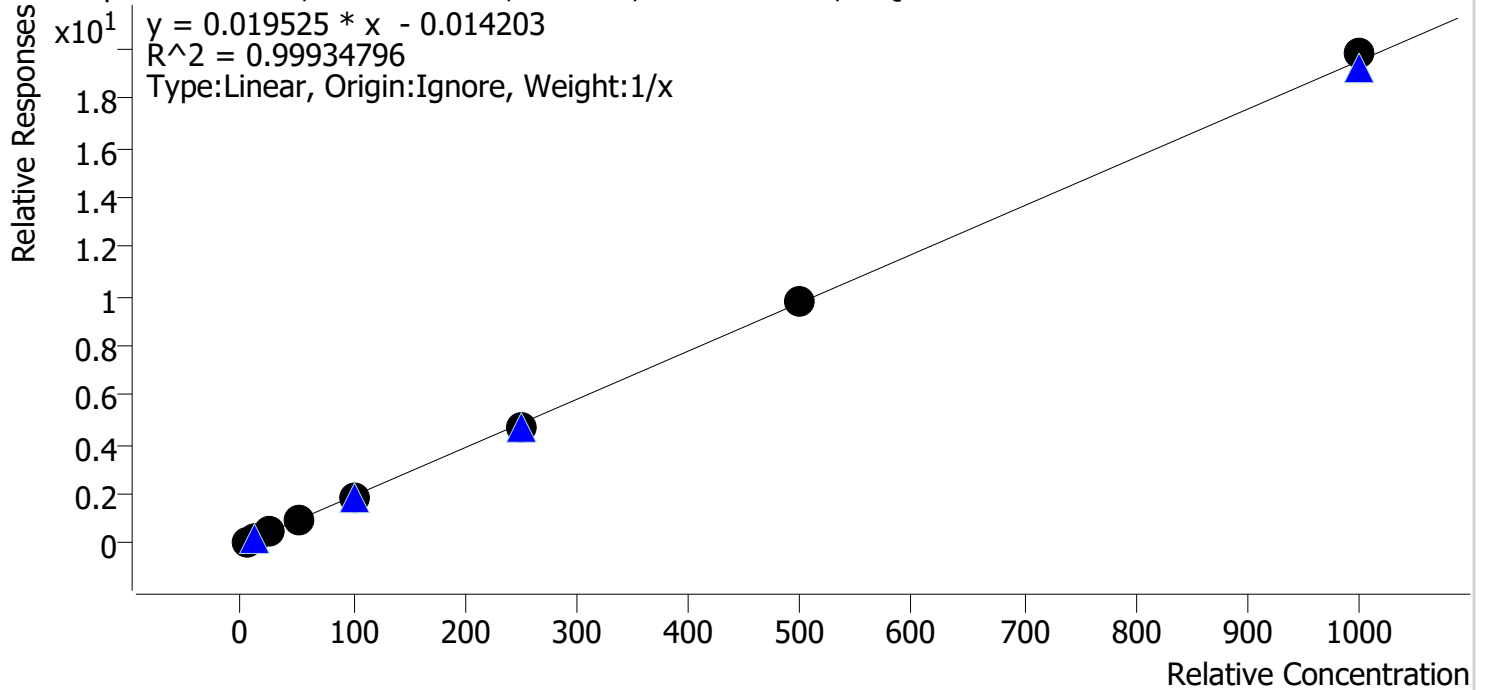
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.0 | 107.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.6 | 101.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.5 | 100.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.7 | 100.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 477.1 | 95.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 934.4 | 93.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



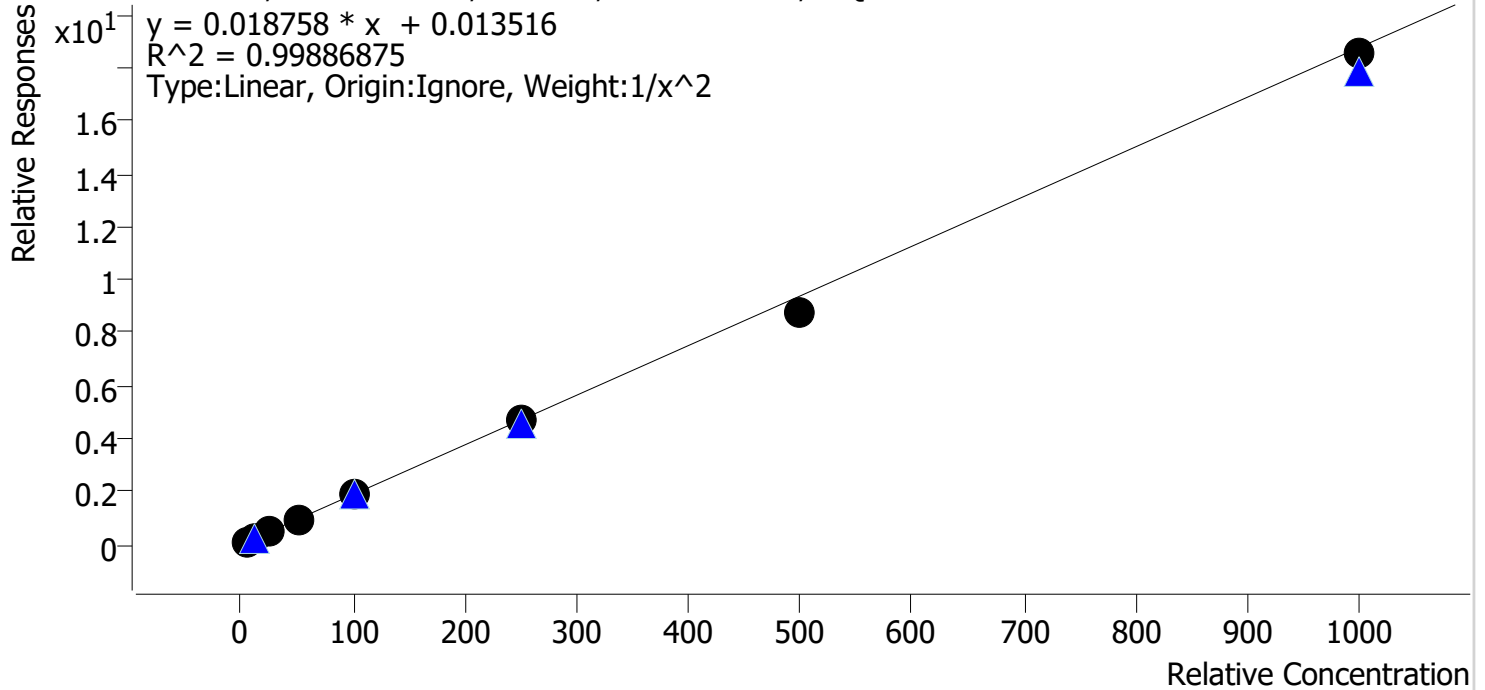
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.5 | 110.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.3 | 97.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.3 | 94.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 239.7 | 95.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.6 | 100.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1015.1 | 101.5 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

Tramadol - 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 | 99.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.6 | 101.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.0 | 103.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.6 | 100.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 469.6 | 93.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 987.8 | 98.8 |

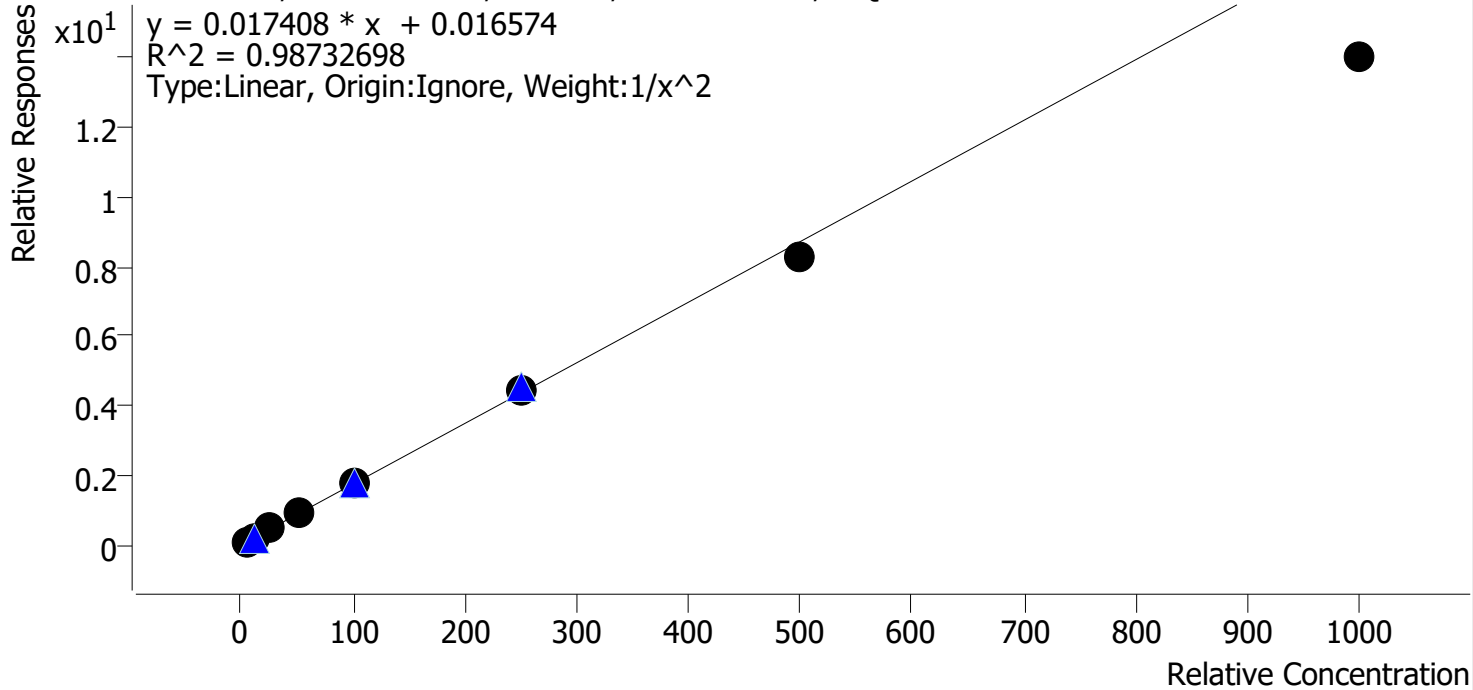
Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Trazodone

Internal Standard Trazodone-D6

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

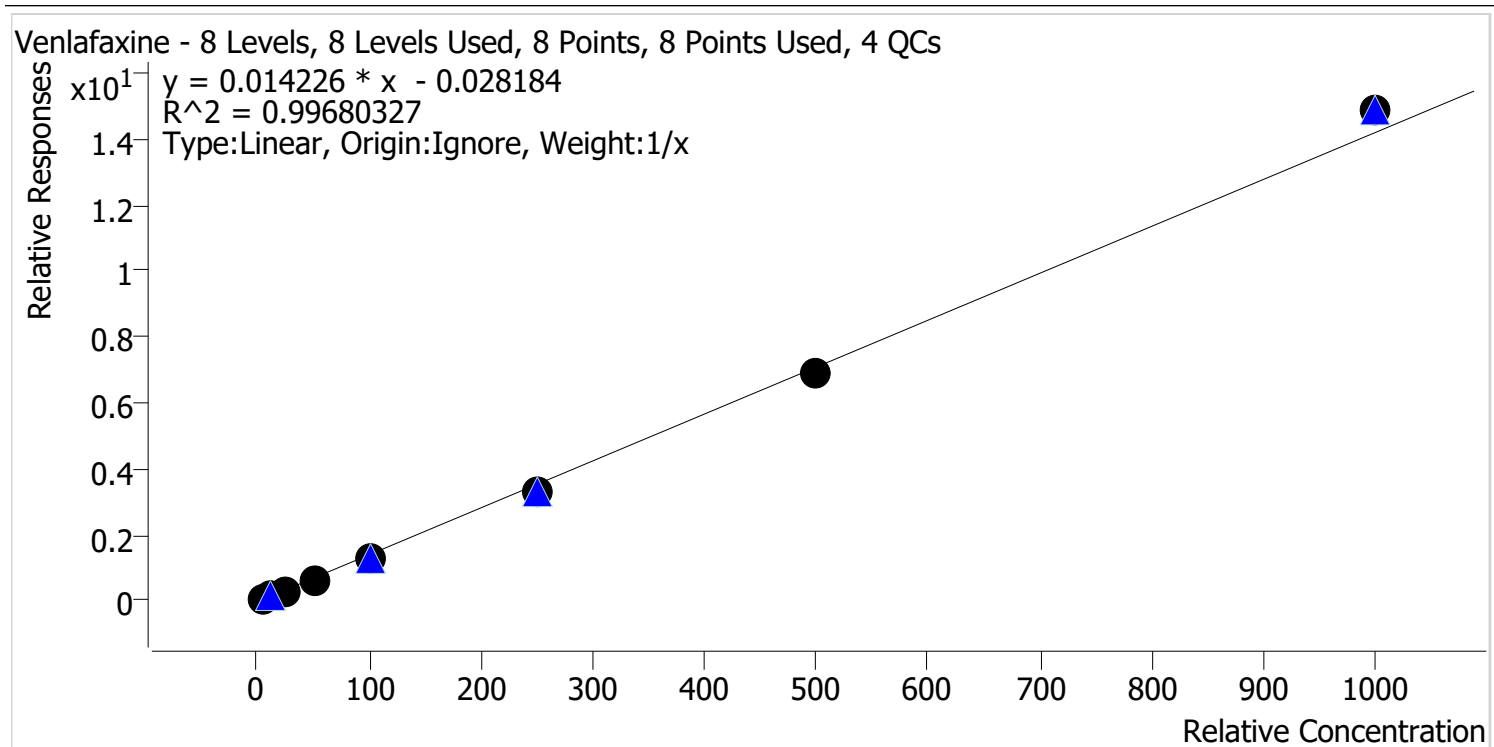


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 95.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.2 | 112.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.3 | 108.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.9 | 103.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.6 | 100.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 476.7 | 95.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 807.7 | 80.8 |

Compound Calibration Report

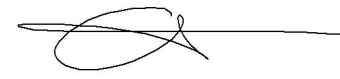


Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



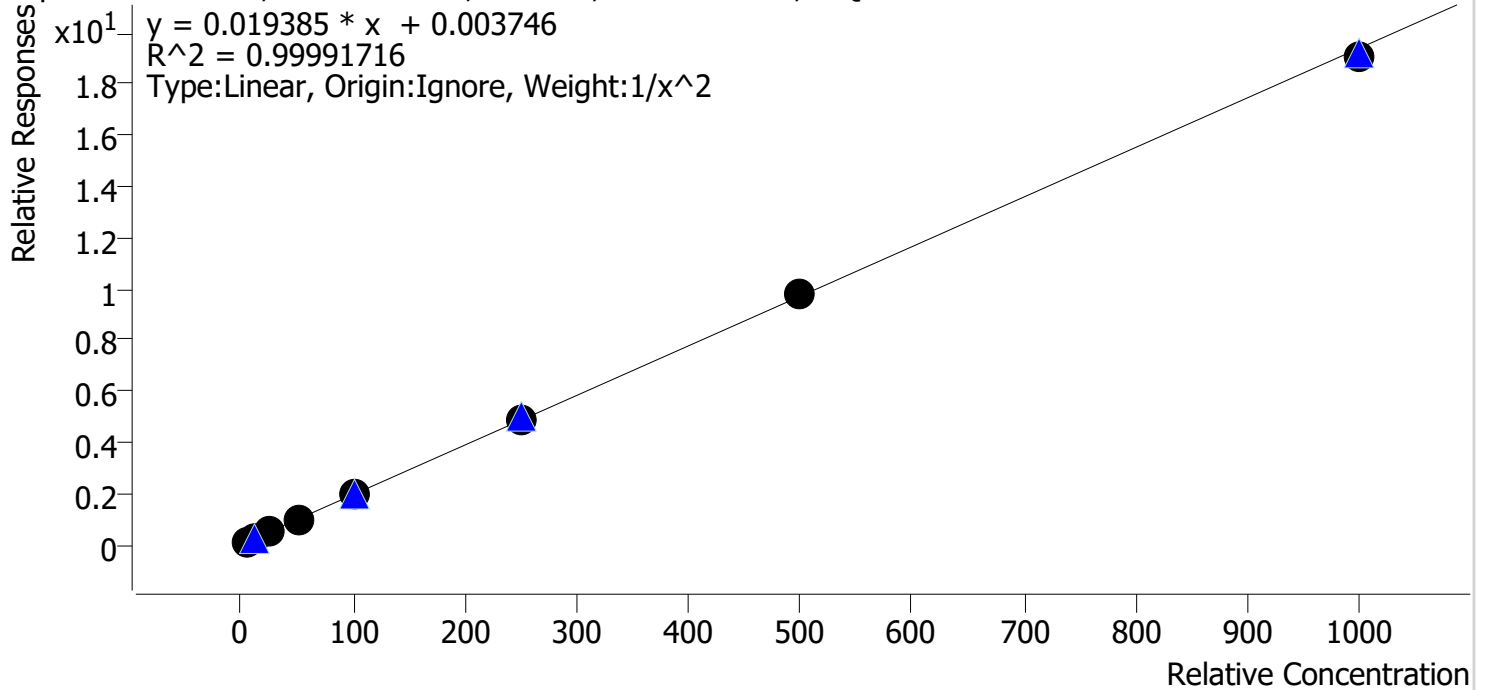
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 6.3 | 125.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.7 | 106.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.4 | 93.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 45.2 | 90.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 88.8 | 88.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 232.4 | 92.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 488.5 | 97.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1044.7 | 104.5 |

Compound Calibration Report



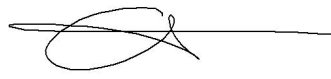
Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



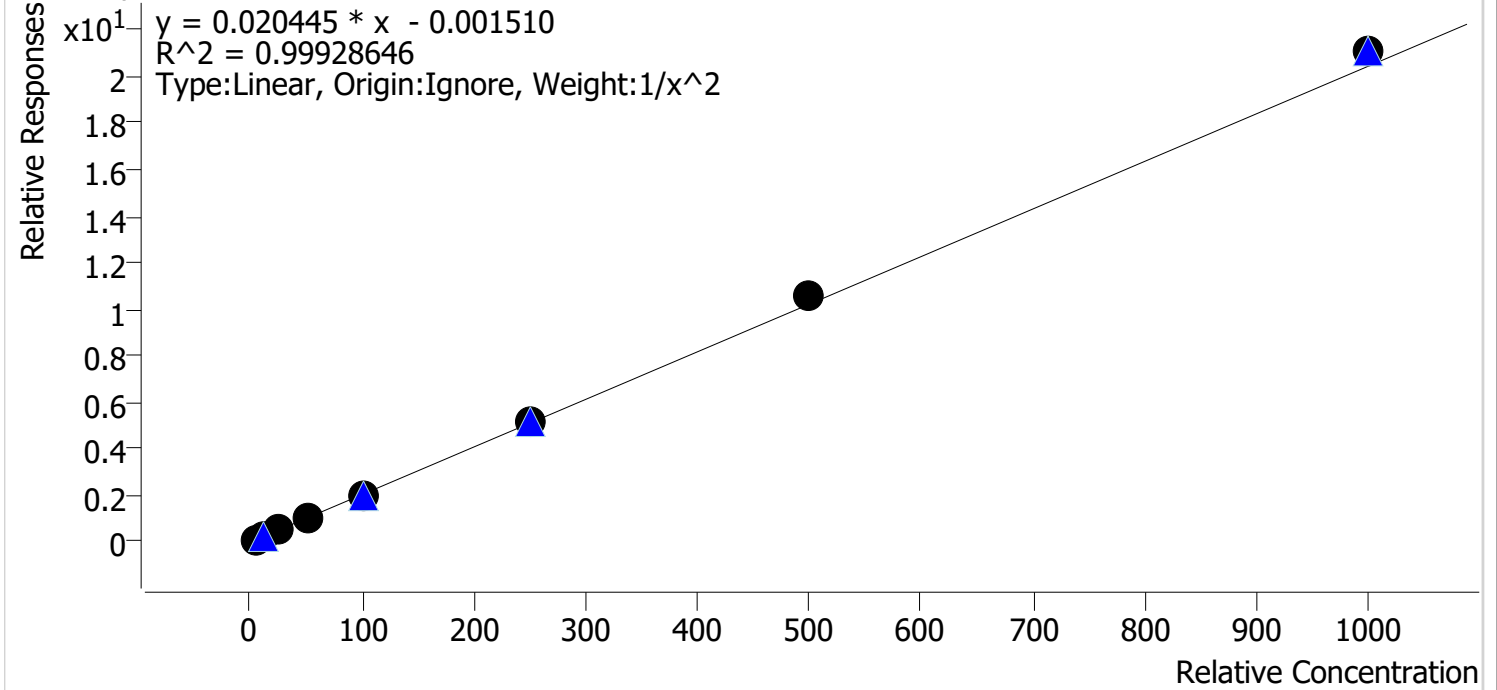
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.4 | 100.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.6 | 100.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.9 | 99.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.7 | 100.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 985.9 | 98.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



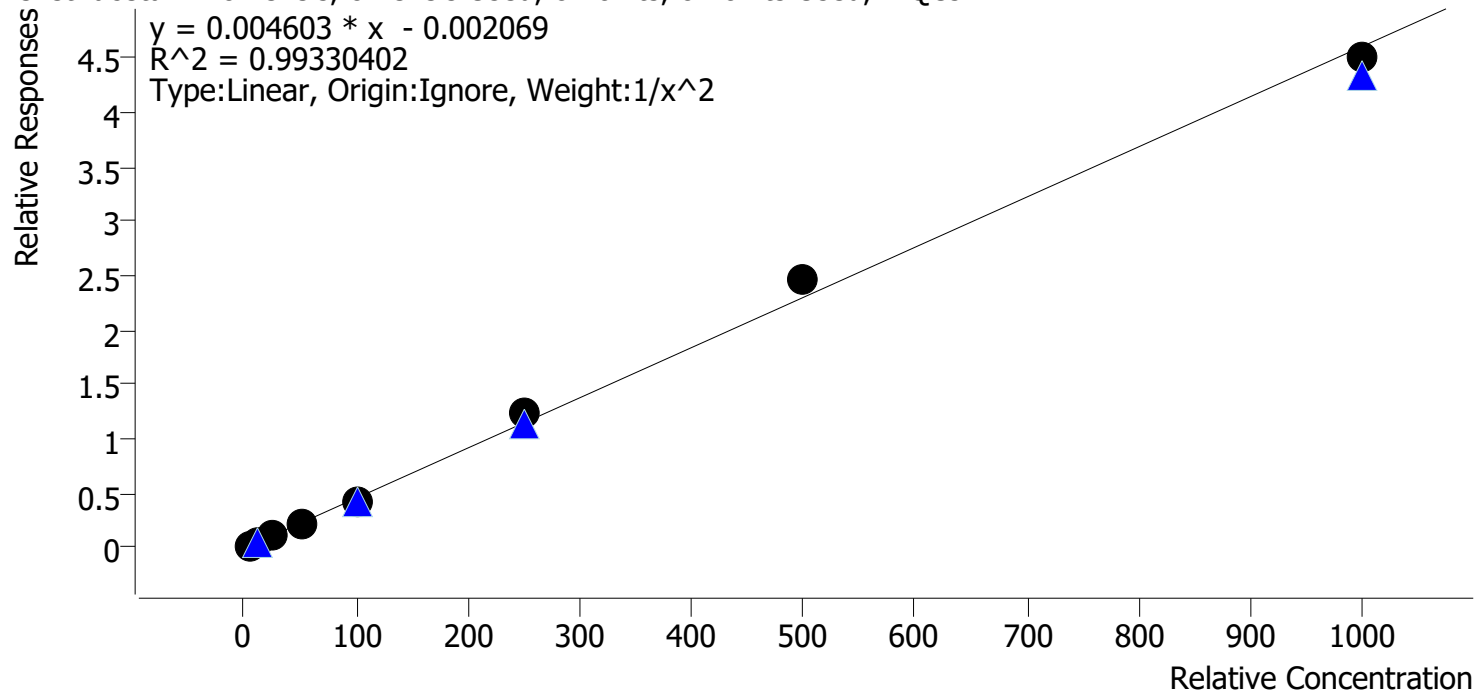
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.6 | 98.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.0 | 98.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.5 | 97.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.8 | 100.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 515.3 | 103.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1030.8 | 103.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** EDDP-D3

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



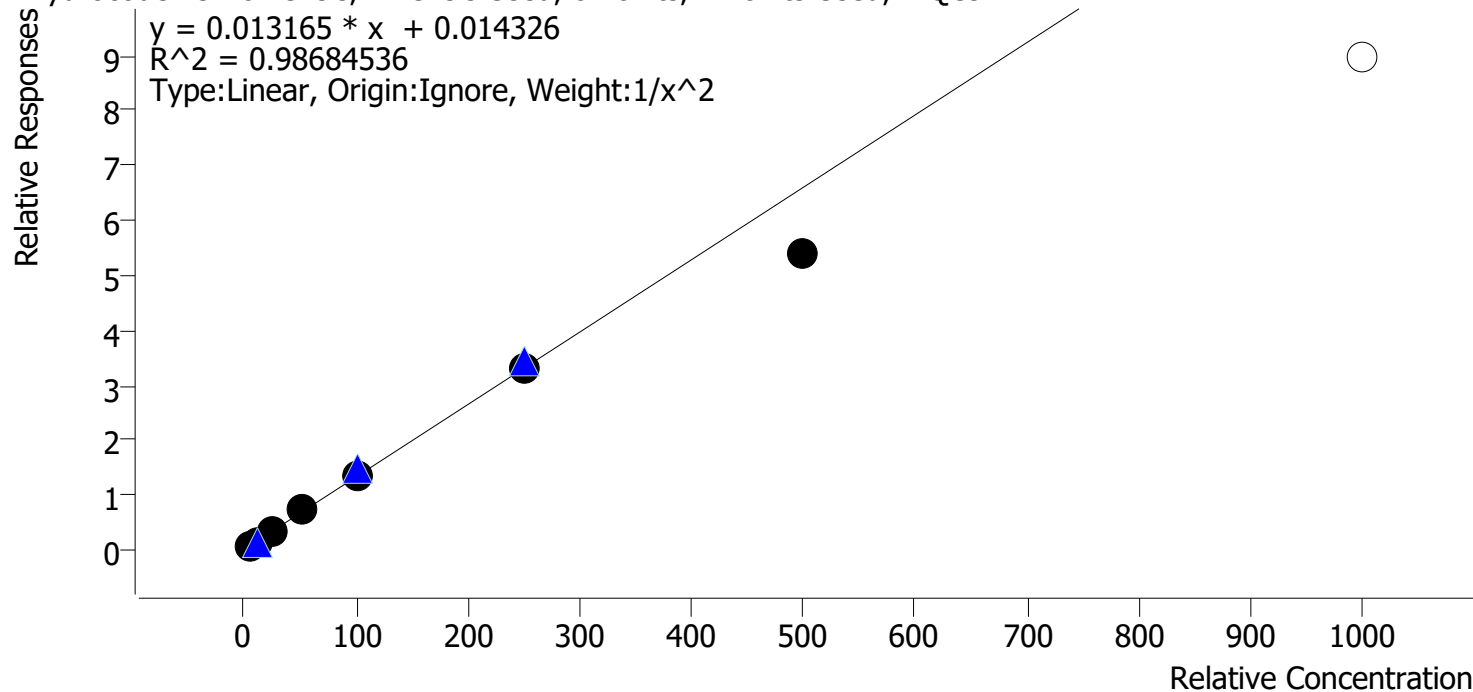
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.3 | 105.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 8.9 | 89.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 101.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.6 | 97.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 92.1 | 92.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 271.3 | 108.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 538.9 | 107.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 977.8 | 97.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Last Cal. Update 12/29/2021 10:05 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 | 4.8 | 96.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.8 | 107.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 56.4 | 112.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.2 | 100.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.6 | 100.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 407.3 | 81.5 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 679.3 | 67.9 |

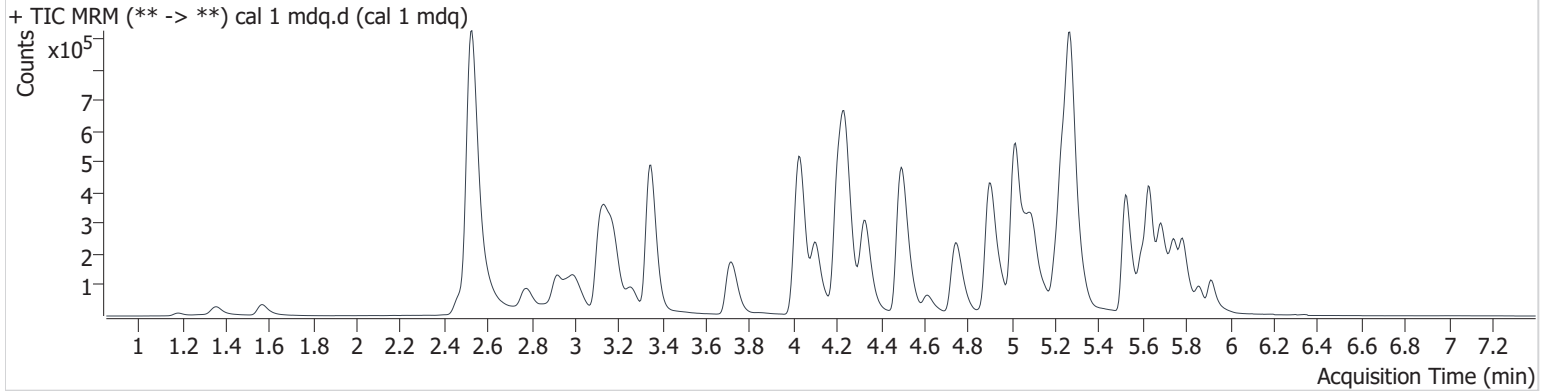
dropped cal 8 due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

Instrument 69679 **Data File** cal 1 mdq.d
Type Cal **Sample** cal 1 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-A5 **Comment**
Injection Volume 3
Acq. Date-Time 12/28/2021 2:18:17 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|---------|----------------|---------|------------|-------------|
| 6-MAM | 3.130 | 1065 | 5632.1 | 145.3 | 7163.9 | 67229 | 0.476 ng/ml |
| 7-aminoclonazepam | 4.256 | 24737 | 6001.2 | 68.7 | ∞ | 209222 | 4.967 ng/ml |
| a-hydroxyalprazolam | 5.671 | 3294 | 10981.5 | 40.2 | 4126.4 | 52886 | 5.060 ng/ml |
| alpha-PHP | 4.909 | 70443 | 15280.4 | 41.0 | 1022.6 | 476211 | 4.721 ng/ml |
| alpha-PVP | 4.336 | 91217 | 3953.3 | 55.7 | 1542.0 | 842996 | 5.058 ng/ml |
| Alprazolam | 5.750 | 35120 | ∞ | 94.4 | ∞ | 250420 | 4.088 ng/ml |
| Amphetamine | 3.001 | 59042 | 5869.8 | 261.4 | 11804.9 | 476211 | 4.724 ng/ml |
| Benzoylcegonine | 3.875 | 1570 | ∞ | 64.8 | 34.5 | 8535 | 5.241 ng/ml |
| Buprenorphine | 5.763 | 904 | 9772.0 | 8.6 Low | 224.7 | 82878 | 0.854 ng/ml |
| Bupropion | 4.764 | 86440 | 18831.2 | 75.2 | 1731.1 | 733699 | 5.051 ng/ml |
| Carisoprodol | 5.705 | 19665 | 24854.0 | 63.9 | 578.8 | 183454 | 5.003 ng/ml |
| Citalopram | 5.207 | 61645 | 1195.1 | 32.7 | 3636.3 | 612739 | 4.965 ng/ml |
| Clonazepam | 5.593 | 12752 | ∞ | 34.0 | 8869.9 | 52886 | 4.942 ng/ml |
| Clonazepam | 5.540 | 21997 | ∞ | 40.9 | ∞ | 209222 | 5.093 ng/ml |
| Cocaine | 4.240 | 57979 | ∞ | 52.9 | 50216.8 | 1006703 | 4.975 ng/ml |
| Codeine | 2.552 | 8051 | 15816.2 | 88.8 | 2031.8 | 76614 | 4.861 ng/ml |
| Cyclobenzaprine | 5.601 | 60516 | 1532.5 | 11.3 | 112.4 | 379191 | 4.973 ng/ml |
| Dextromethorphan | 5.246 | 50116 | 1357.1 | 79.6 | 22994.3 | 469888 | 5.200 ng/ml |
| Dextrophan | 4.103 | 59786 | 3217.4 | 42.3 | ∞ | 605228 | 5.092 ng/ml |
| Diazepam | 5.923 | 22461 | 72681.4 | 98.3 | 5790.6 | 243223 | 4.885 ng/ml |
| Dihydrocodeine | 2.511 | 21514 | 1539.8 | 62.0 | 314.6 | 275784 | 4.837 ng/ml |
| Diphenhydramine | 5.272 | 191576 | 17842.5 | 31.9 | ∞ | 2052703 | 5.095 ng/ml |
| Doxylamine | 4.515 | 185119 | 7722.9 | 72.9 | 45837.7 | 1498634 | 5.055 ng/ml |
| EDDP | 5.240 | 85754 | 1507.8 | 42.9 | 32235.3 | 946418 | 5.136 ng/ml |
| Etizolam | 5.790 | 883 | 206.6 | 87.0 | 1614.7 | 250420 | 5.449 ng/ml |
| Fentanyl | 5.088 | 6287 | ∞ | 112.4 | 4640.0 | 615422 | 0.488 ng/ml |
| Flualprazolam | 5.681 | 18807 | ∞ | 88.8 | 5575.7 | 250420 | 4.811 ng/ml |
| Fluoxetine | 5.682 | 56846 | 75654.8 | 6.5 | 3649.5 | 372185 | 5.013 ng/ml |
| Hydrocodone | 2.998 | 21524 | 945.1 | 39.7 | 207.4 | 266490 | 4.938 ng/ml |
| Hydromorphone | 1.577 | 15614 | ∞ | 67.9 | 5272.9 | 117021 | 5.311 ng/ml |
| Ketamine | 4.031 | 62131 | 8080.4 | 35.1 | 832.9 | 661051 | 4.930 ng/ml |
| Lamotrigine | 4.273 | 5971 | 99584.3 | 92.5 | 16008.4 | 183454 | 5.088 ng/ml |
| Levetiracetam | 2.605 | 21000 | 1249.8 | 227.1 | 1598.4 | 946418 | 5.270 ng/ml |

AM #28 Multi-Drug Quant. Results

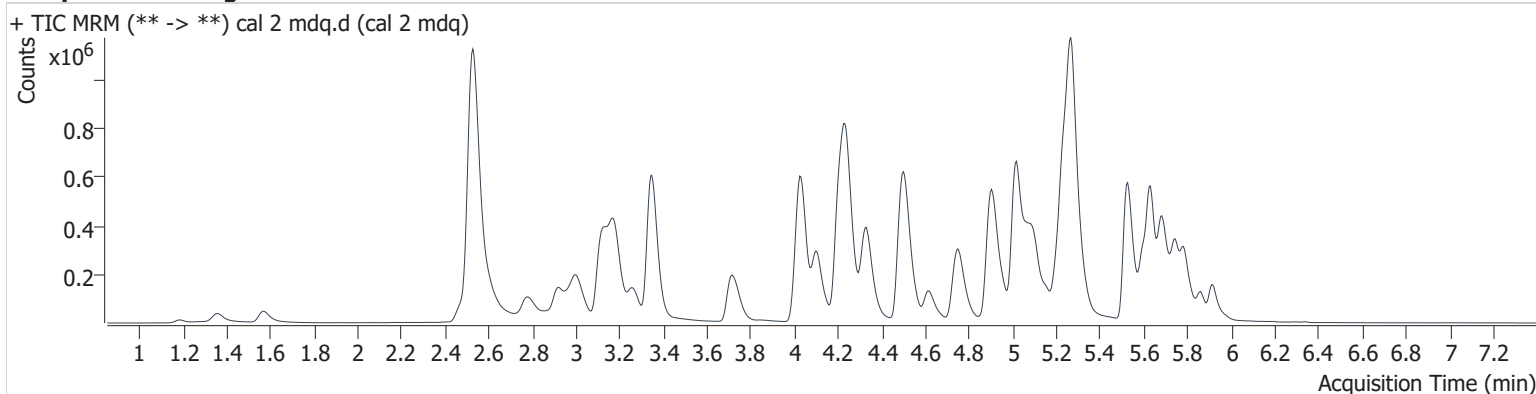
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-----------------|----------|------------|-------------|
| Lorazepam | 5.723 | 8226 | 892.2 | 41.9 | ∞ | 52886 | 4.181 ng/ml |
| MDA | 3.173 | 79578 | 3516.2 | 25.2 | 965.5 | 484172 | 4.751 ng/ml |
| MDMA | 3.266 | 65881 | 3989.5 | 97.2 | 2556.9 | 120670 | 4.990 ng/ml |
| Meprobamate | 4.899 | 12984 | 1913.8 | 27.8 | 3642.0 | 183454 | 4.797 ng/ml |
| Methadone | 5.630 | 98002 | 2063.1 | 70.4 | ∞ | 866710 | 5.140 ng/ml |
| Methamphetamine | 3.185 | 222050 | 1322.0 | 38.5 | 1498.9 | 1134144 | 4.719 ng/ml |
| Metoprolol | 4.303 | 14734 | 61174.5 | 103.3 | ∞ | 484172 | 5.075 ng/ml |
| Mirtazapine | 4.613 | 114252 | 256634.7 | 55.2 | 26601.8 | 866710 | 5.174 ng/ml |
| Mitragynine | 5.216 | 19951 | 26488.1 | 31.3 | 7207.2 | 14911 | 3.847 ng/ml |
| Morphine | 1.191 | 1874 | 122.7 | 19.0 | 36.6 | 7754 | 4.837 ng/ml |
| Norbuprenorphine | 4.978 | 144 | 84.0 | 122.7 | 166.5 | 14911 | 0.995 ng/ml |
| Nordiazepam | 5.866 | 20275 | ∞ | 59.6 | 24820.9 | 151727 | 4.831 ng/ml |
| Norfentanyl | 4.058 | 4625 | 129.6 | 37.2 | ∞ | 1191022 | 0.550 ng/ml |
| Norhydrocodone | 3.049 | 1578 | 120.8 | 20.4 Low | ∞ | 62309 | 5.948 ng/ml |
| Noroxycodone | 2.889 | 15446 | ∞ | 48.2 | ∞ | 91481 | 4.916 ng/ml |
| O-desmethyl-tramadol | 3.353 | 147516 | ∞ | 6.6 | 3609.5 | 1508669 | 5.032 ng/ml |
| Oxazepam | 5.730 | 14087 | ∞ | 70.6 | ∞ | 121299 | 4.948 ng/ml |
| Oxycodone | 2.807 | 31908 | 11834.9 | 31.5 | 305.4 | 352973 | 4.865 ng/ml |
| Oxymorphone | 1.359 | 17737 | 688107.8 | 47.5 | 4636.2 | 100948 | 4.967 ng/ml |
| Phentermine | 3.750 | 24487 | 323.5 | 10.4 | 2522.5 | 616711 | 4.806 ng/ml |
| Promethazine | 5.527 | 94039 | 11595.3 | 45.9 | 3953.1 | 869965 | 5.090 ng/ml |
| Pseudoephedrine | 2.534 | 335874 | 75158.7 | 23.4 | ∞ | 3283750 | 5.077 ng/ml |
| Quetiapine | 5.534 | 45183 | 871.6 | 55.6 | 9187.0 | 203355 | 4.679 ng/ml |
| Sertraline | 5.750 | 12552 | 348.4 | 120.9 | 234174.1 | 116038 | 4.786 ng/ml |
| Temazepam | 5.792 | 43127 | 1067.0 | 30.6 | 586.0 | 459115 | 5.539 ng/ml |
| Tramadol | 4.221 | 161756 | 558595.1 | 3.7 | 93.7 | 1520573 | 4.950 ng/ml |
| Trazodone | 5.160 | 59496 | 88219.9 | 79.0 | 45379.4 | 599552 | 4.748 ng/ml |
| Venlafaxine | 5.017 | 112121 | 167266.2 | 31.7 | 2477.0 | 1835325 | 6.275 ng/ml |
| Zolpidem | 4.922 | 132396 | 141609.8 | 29.9 | 1616.4 | 1313680 | 5.006 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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**
Injection Volume 3
Acq. Date-Time 12/28/2021 2:27:19 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|-----------------|----------|------------|--------------|
| 6-MAM | 3.124 | 2709 | 13697.8 | 124.0 | 372.9 | 75139 | 1.105 ng/ml |
| 7-aminoclonazepam | 4.256 | 57978 | 29467.7 | 62.2 | 7575.0 | 233553 | 10.189 ng/ml |
| a-hydroxyalprazolam | 5.671 | 6281 | 769.0 | 52.0 | 14702.4 | 56797 | 9.766 ng/ml |
| alpha-PHP | 4.909 | 159824 | 10502.5 | 40.1 | 6462.9 | 498395 | 10.768 ng/ml |
| alpha-PVP | 4.341 | 199492 | 14616.0 | 56.2 | 4441.2 | 942766 | 9.895 ng/ml |
| Alprazolam | 5.750 | 73316 | ∞ | 97.9 | ∞ | 263623 | 9.537 ng/ml |
| Amphetamine | 3.006 | 119511 | 4838.5 | 260.5 | 12174.7 | 498395 | 10.754 ng/ml |
| Benzoylcegonine | 3.870 | 2673 | ∞ | 60.6 | 273.3 | 9246 | 8.829 ng/ml |
| Buprenorphine | 5.763 | 1966 | 2906.2 | 11.5 Low | ∞ | 113916 | 1.181 ng/ml |
| Bupropion | 4.764 | 192456 | 69850.4 | 73.8 | 6805.5 | 827010 | 9.883 ng/ml |
| Carisoprodol | 5.705 | 40834 | 135116.4 | 66.9 | 1694.9 | 188584 | 10.053 ng/ml |
| Citalopram | 5.212 | 141368 | ∞ | 32.9 | 18829.9 | 692595 | 10.181 ng/ml |
| Clonazepam | 5.599 | 26122 | ∞ | 34.7 | 99164.8 | 56797 | 9.868 ng/ml |
| Clonazepam | 5.540 | 48633 | 54891.5 | 37.0 | ∞ | 233553 | 9.960 ng/ml |
| Cocaine | 4.240 | 134922 | 742878.0 | 51.4 | 667049.0 | 1129177 | 10.151 ng/ml |
| Codeine | 2.557 | 16753 | 36970.7 | 92.8 | 32868.6 | 82992 | 10.061 ng/ml |
| Cyclobenzaprine | 5.601 | 156690 | 10432.0 | 11.5 | 609.8 | 501476 | 10.027 ng/ml |
| Dextromethorphan | 5.246 | 109851 | 3873.2 | 78.2 | ∞ | 537857 | 9.992 ng/ml |
| Dextrophan | 4.103 | 128618 | ∞ | 44.4 | ∞ | 686199 | 9.824 ng/ml |
| Diazepam | 5.918 | 56934 | 1915.3 | 87.9 | ∞ | 286503 | 10.448 ng/ml |
| Dihydrocodeine | 2.511 | 45507 | 1610.6 | 67.9 | 4917.7 | 307775 | 10.143 ng/ml |
| Diphenhydramine | 5.272 | 427945 | 17413.8 | 30.9 | 208195.7 | 2339394 | 9.797 ng/ml |
| Doxylamine | 4.515 | 419423 | 35005.5 | 71.4 | 10335.2 | 1733418 | 9.938 ng/ml |
| EDDP | 5.240 | 199947 | ∞ | 43.4 | 150346.7 | 1175813 | 9.512 ng/ml |
| Etizolam | 5.780 | 1563 | 11126.0 | 102.8 | 3315.8 | 263623 | 8.593 ng/ml |
| Fentanyl | 5.083 | 17109 | 12611.3 | 100.5 | ∞ | 756109 | 1.068 ng/ml |
| Flualprazolam | 5.681 | 41061 | 7985.5 | 95.9 | 1250.0 | 263623 | 10.523 ng/ml |
| Fluoxetine | 5.687 | 165362 | 4816.0 | 6.3 | 11338.3 | 540210 | 10.066 ng/ml |
| Hydrocodone | 2.998 | 46282 | ∞ | 39.4 | 394.7 | 294805 | 9.977 ng/ml |
| Hydromorphone | 1.577 | 29151 | 1028.0 | 89.2 | 2131.3 | 128583 | 8.967 ng/ml |
| Ketamine | 4.031 | 137374 | 14158.5 | 34.5 | 1036.4 | 736362 | 10.174 ng/ml |
| Lamotrigine | 4.273 | 13699 | ∞ | 89.6 | 33001.5 | 188584 | 10.072 ng/ml |
| Levetiracetam | 2.610 | 45903 | 2603.3 | 225.8 | 4107.5 | 1175813 | 8.931 ng/ml |

AM #28 Multi-Drug Quant. Results

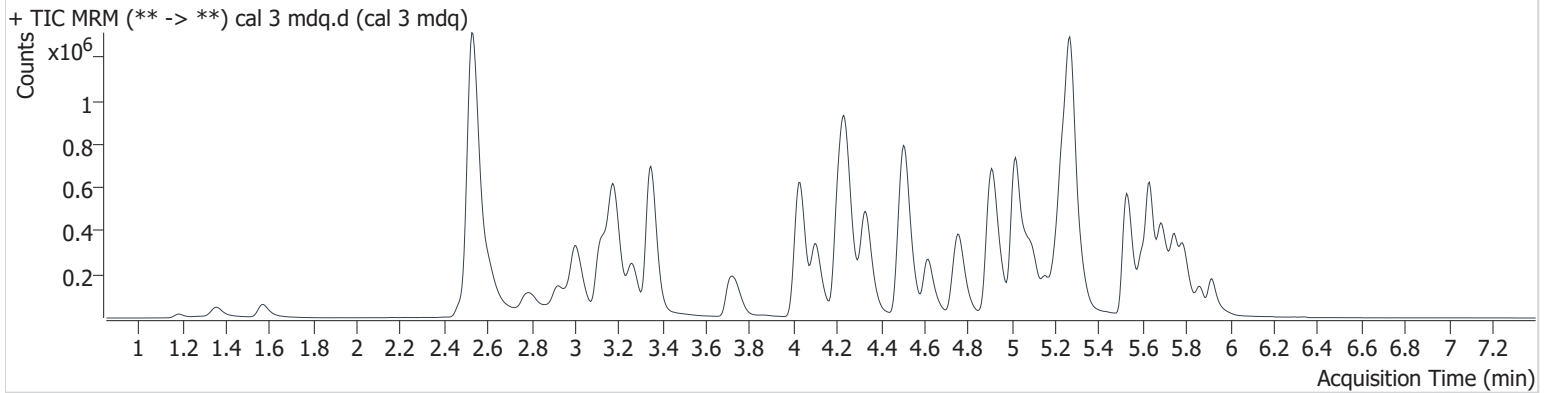
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-----------------|----------|------------|--------------|
| Lorazepam | 5.718 | 14253 | ∞ | 55.1 | 417.3 | 56797 | 9.056 ng/ml |
| MDA | 3.173 | 163943 | 12832.4 | 27.9 | 1206.6 | 503326 | 10.485 ng/ml |
| MDMA | 3.266 | 141818 | 9642.9 | 98.1 | 18857.9 | 132276 | 9.970 ng/ml |
| Meprobamate | 4.905 | 26898 | 93646.2 | 29.0 | 1060.5 | 188584 | 10.365 ng/ml |
| Methadone | 5.635 | 229876 | 12384.2 | 68.8 | 1623.3 | 1000549 | 9.762 ng/ml |
| Methamphetamine | 3.185 | 392603 | 4412.3 | 39.0 | 15413.1 | 1247708 | 10.812 ng/ml |
| Metoprolol | 4.298 | 33385 | 8726.1 | 100.5 | ∞ | 503326 | 9.977 ng/ml |
| Mirtazapine | 4.613 | 258657 | 115459.3 | 54.6 | 180011.8 | 1000549 | 9.515 ng/ml |
| Mitragynine | 5.222 | 47041 | 80105.8 | 32.4 | 32218.4 | 18753 | 9.445 ng/ml |
| Morphine | 1.191 | 4115 | 535.0 | 16.9 | 75.4 | 8579 | 10.238 ng/ml |
| Norbuprenorphine | 4.983 | 345 | 1526.5 | 69.2 Low | 247.2 | 18753 | 1.668 ng/ml |
| Nordiazepam | 5.866 | 46457 | 24317.5 | 62.2 | 40408.0 | 172503 | 10.385 ng/ml |
| Norfentanyl | 4.058 | 9987 | 838.2 | 41.0 | 6037.9 | 1321126 | 0.999 ng/ml |
| Norhydrocodone | 3.039 | 3932 | 207.6 | 24.9 | 313.5 | 72318 | 10.475 ng/ml |
| Noroxycodone | 2.889 | 36211 | ∞ | 47.8 | ∞ | 101829 | 10.304 ng/ml |
| O-desmethyl-tramadol | 3.353 | 325763 | 89687.0 | 6.7 | 3707.6 | 1718027 | 9.944 ng/ml |
| Oxazepam | 5.730 | 27249 | 1129.2 | 70.0 | 757.7 | 121074 | 10.115 ng/ml |
| Oxycodone | 2.807 | 76126 | ∞ | 30.9 | ∞ | 398988 | 10.334 ng/ml |
| Oxymorphone | 1.364 | 39047 | 21525.2 | 45.9 | 5861.6 | 112438 | 10.036 ng/ml |
| Phentermine | 3.750 | 54127 | 367.5 | 9.4 | 628.3 | 681357 | 10.377 ng/ml |
| Promethazine | 5.527 | 250501 | 9111.6 | 44.6 | 3704.8 | 1150292 | 9.913 ng/ml |
| Pseudoephedrine | 2.539 | 717427 | ∞ | 24.3 | 9957.9 | 3603142 | 9.813 ng/ml |
| Quetiapine | 5.534 | 112256 | 7795.7 | 52.5 | 130410.2 | 233106 | 10.914 ng/ml |
| Sertraline | 5.750 | 40879 | 2267.2 | 110.1 | ∞ | 172997 | 10.531 ng/ml |
| Temazepam | 5.792 | 92484 | 56648.7 | 30.8 | 2933.7 | 491411 | 10.367 ng/ml |
| Tramadol | 4.221 | 346189 | 166002.9 | 3.7 | 478.4 | 1716308 | 10.032 ng/ml |
| Trazodone | 5.155 | 143067 | 238240.8 | 78.4 | ∞ | 729436 | 10.315 ng/ml |
| Venlafaxine | 5.017 | 251610 | 139803.0 | 32.1 | 4651.1 | 2039289 | 10.654 ng/ml |
| Zolpidem | 4.922 | 289929 | ∞ | 29.9 | 4783.3 | 1477790 | 9.927 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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**
Injection Volume 3
Acq. Date-Time 12/28/2021 2:36:20 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|---------------------|------------|--------------|
| 6-MAM | 3.124 | 5372 | ∞ | 129.7 | 12568.5 | 68557 | 2.419 ng/ml |
| 7-aminoclonazepam | 4.261 | 124487 | 6547.6 | 64.8 | 2263.2 | 202435 | 24.918 ng/ml |
| a-hydroxyalprazolam | 5.676 | 12573 | ∞ | 53.4 | ∞ | 48427 | 24.286 ng/ml |
| alpha-PHP | 4.909 | 350731 | 5384.1 | 39.3 | 6303.0 | 462832 | 26.068 ng/ml |
| alpha-PVP | 4.341 | 454361 | 27690.4 | 55.6 | 5709.3 | 856546 | 24.811 ng/ml |
| Alprazolam | 5.750 | 168426 | 36180.9 | 93.8 | 3199.9 | 246693 | 25.531 ng/ml |
| Amphetamine | 3.006 | 256075 | 7274.6 | 260.7 | 17333.2 | 462832 | 27.077 ng/ml |
| Benzoylcegonine | 3.870 | 6394 | 22961.5 | 59.4 | 550.9 | 8221 | 25.508 ng/ml |
| Buprenorphine | 5.763 | 3488 | 5924.2 | 14.1 | 691.4 | 83221 | 2.455 ng/ml |
| Bupropion | 4.764 | 439108 | 45007.3 | 73.4 | 8458.9 | 746654 | 24.826 ng/ml |
| Carisoprodol | 5.705 | 91761 | 2764175.8 | 67.0 | 10343.0 | 170623 | 24.892 ng/ml |
| Citalopram | 5.207 | 297109 | 20671.7 | 33.3 | 58669.3 | 596556 | 24.992 ng/ml |
| Clonazepam | 5.593 | 59026 | 47549.5 | 31.0 | 38787.1 | 48427 | 26.954 ng/ml |
| Clonazepam | 5.540 | 103965 | 143209.0 | 41.1 | 39090.4 | 202435 | 24.375 ng/ml |
| Cocaine | 4.240 | 299495 | 466214.1 | 52.9 | 48020.7 | 1012221 | 24.903 ng/ml |
| Codeine | 2.557 | 37534 | 25567.1 | 95.4 | 5860.1 | 73285 | 26.736 ng/ml |
| Cyclobenzaprine | 5.601 | 252092 | 9031.2 | 10.7 | 898.2 | 325340 | 25.316 ng/ml |
| Dextromethorphan | 5.246 | 223735 | 5524.4 | 75.3 | 9548.9 | 440147 | 24.922 ng/ml |
| Dextrophan | 4.108 | 285688 | 12484.6 | 44.6 | 26037.0 | 626890 | 24.146 ng/ml |
| Diazepam | 5.918 | 117669 | 8131.3 | 90.0 | 1391.7 | 243612 | 25.314 ng/ml |
| Dihydrocodeine | 2.516 | 102297 | 7427.4 | 63.5 | 527.0 | 278702 | 26.792 ng/ml |
| Diphenhydramine | 5.272 | 922082 | 45161.9 | 32.0 | 511385.9 | 1995620 | 24.443 ng/ml |
| Doxylamine | 4.515 | 930324 | 137236.4 | 74.2 | 12680.5 | 1584912 | 24.163 ng/ml |
| EDDP | 5.240 | 415802 | 3654964.5 | 41.3 | 16706.8 | 914272 | 25.195 ng/ml |
| Etizolam | 5.785 | 4214 | ∞ | 94.3 | ∞ | 246693 | 23.174 ng/ml |
| Fentanyl | 5.083 | 29499 | 5778.3 | 110.6 | ∞ | 569512 | 2.429 ng/ml |
| Flualprazolam | 5.681 | 91046 | 6547.2 | 93.5 | ∞ | 246693 | 25.630 ng/ml |
| Fluoxetine | 5.687 | 216469 | 304280.8 | 5.9 | 698628.6 | 290732 | 24.513 ng/ml |
| Hydrocodone | 3.003 | 105945 | ∞ | 38.6 | 8890751225 660.8 | 261451 | 26.387 ng/ml |
| Hydromorphone | 1.577 | 70625 | 3071.3 | 82.0 | 692.6 | 114195 | 24.318 ng/ml |
| Ketamine | 4.031 | 310583 | 342517.3 | 35.0 | 6990.4 | 684005 | 25.328 ng/ml |
| Lamotrigine | 4.278 | 29304 | 9354.3 | 91.3 | 1573.7 | 170623 | 22.392 ng/ml |

AM #28 Multi-Drug Quant. Results

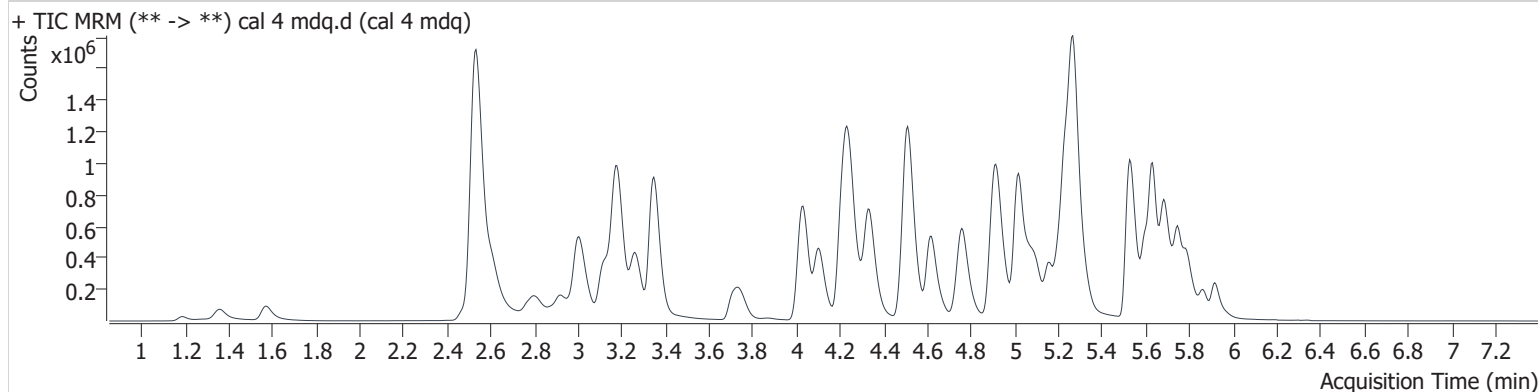
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|----------|-------|----------|------------|--------------|
| Levetiracetam | 2.615 | 105267 | 6446.8 | 228.3 | 19925.5 | 914272 | 25.465 ng/ml |
| Lorazepam | 5.718 | 31618 | 3271.6 | 42.4 | ∞ | 48427 | 29.596 ng/ml |
| MDA | 3.173 | 360362 | 188282.7 | 27.8 | 8520.0 | 451290 | 27.287 ng/ml |
| MDMA | 3.266 | 327848 | 13603.4 | 96.2 | 44395.4 | 121378 | 25.389 ng/ml |
| Meprobamate | 4.899 | 59028 | 66541.6 | 30.9 | 1624.4 | 170623 | 26.118 ng/ml |
| Methadone | 5.630 | 476435 | 5174.7 | 68.3 | 5489.8 | 818062 | 23.733 ng/ml |
| Methamphetamine | 3.185 | 703708 | 5759.0 | 38.2 | 7420.3 | 1154268 | 25.934 ng/ml |
| Metoprolol | 4.298 | 73791 | 457274.3 | 101.3 | 2496.1 | 451290 | 23.249 ng/ml |
| Mirtazapine | 4.618 | 567865 | 112735.8 | 54.4 | 129028.5 | 818062 | 24.441 ng/ml |
| Mitragynine | 5.216 | 85408 | ∞ | 33.6 | 54963.0 | 15156 | 24.400 ng/ml |
| Morphine | 1.191 | 9579 | 215.7 | 19.0 | 230.2 | 8043 | 26.378 ng/ml |
| Norbuprenorphine | 4.978 | 573 | 3143.4 | 99.7 | 323.7 | 15156 | 3.165 ng/ml |
| Nordiazepam | 5.866 | 96925 | ∞ | 58.5 | ∞ | 148683 | 26.043 ng/ml |
| Norfentanyl | 4.058 | 22902 | 1796.8 | 36.4 | ∞ | 1200407 | 2.406 ng/ml |
| Norhydrocodone | 3.039 | 8946 | 386.5 | 24.3 | 403.3 | 66131 | 23.082 ng/ml |
| Noroxycodone | 2.889 | 77171 | ∞ | 48.1 | ∞ | 88567 | 25.183 ng/ml |
| O-desmethyl-tramadol | 3.353 | 743569 | 121997.6 | 6.6 | 6375.4 | 1582823 | 24.927 ng/ml |
| Oxazepam | 5.730 | 58033 | 1195.0 | 74.6 | 1173.5 | 107701 | 25.000 ng/ml |
| Oxycodone | 2.807 | 171020 | ∞ | 32.3 | ∞ | 360223 | 25.803 ng/ml |
| Oxymorphone | 1.359 | 87697 | 16970.3 | 46.3 | ∞ | 100780 | 25.486 ng/ml |
| Phentermine | 3.750 | 123917 | 2137.5 | 9.2 | 2215.6 | 632506 | 26.706 ng/ml |
| Promethazine | 5.527 | 408693 | 45296.9 | 44.8 | 11667.4 | 768257 | 23.731 ng/ml |
| Pseudoephedrine | 2.539 | 1644839 | ∞ | 23.9 | ∞ | 3282009 | 24.587 ng/ml |
| Quetiapine | 5.534 | 221682 | 19440.1 | 51.2 | 6259.1 | 191639 | 27.145 ng/ml |
| Sertraline | 5.750 | 56060 | ∞ | 106.0 | 44768.0 | 93039 | 26.954 ng/ml |
| Temazepam | 5.792 | 196923 | ∞ | 30.1 | 741.8 | 428118 | 24.286 ng/ml |
| Tramadol | 4.221 | 776446 | 611088.7 | 3.9 | 3191.2 | 1563404 | 25.755 ng/ml |
| Trazodone | 5.165 | 282794 | 10079.9 | 74.7 | 9836.5 | 557655 | 28.178 ng/ml |
| Venlafaxine | 5.017 | 565681 | 136999.5 | 31.6 | 3854.7 | 1858665 | 23.374 ng/ml |
| Zolpidem | 4.922 | 655733 | ∞ | 28.9 | 35216.6 | 1332031 | 25.201 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

Instrument 69679 **Data File** cal 4 mdq.d
Type Cal **Sample** cal 4 mdq
Acq. Method mdqp1 1-21-21long.m **Operator** Anne Nord
Sample Position P2-D5 **Comment**
Injection Volume 3
Acq. Date-Time 12/28/2021 2:45:23 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------------------|-------|-----------|------------|--------------|
| 6-MAM | 3.124 | 11222 | ∞ | 127.1 | 2502.3 | 67850 | 5.124 ng/ml |
| 7-aminoclonazepam | 4.261 | 224876 | 22174.5 | 66.9 | 12820.2 | 184500 | 49.175 ng/ml |
| a-hydroxyalprazolam | 5.671 | 23101 | 4900.3 | 45.7 | ∞ | 41612 | 53.078 ng/ml |
| alpha-PHP | 4.904 | 681615 | 7266478514 95603.0 | 40.0 | ∞ | 442803 | 53.424 ng/ml |
| alpha-PVP | 4.341 | 880245 | 69226.4 | 57.0 | 41521.9 | 854490 | 48.186 ng/ml |
| Alprazolam | 5.750 | 301389 | 37702.6 | 92.5 | 702.6 | 217483 | 53.322 ng/ml |
| Amphetamine | 3.006 | 462580 | 12545.2 | 253.9 | ∞ | 442803 | 52.664 ng/ml |
| Benzoylcegonine | 3.875 | 12944 | 31172.1 | 54.7 | 486.3 | 8024 | 54.020 ng/ml |
| Buprenorphine | 5.763 | 7994 | 31779.3 | 18.5 | 6646.8 | 81164 | 5.378 ng/ml |
| Bupropion | 4.764 | 871748 | 245754.7 | 72.7 | 15359.8 | 745827 | 49.245 ng/ml |
| Carisoprodol | 5.705 | 154397 | 396837.8 | 67.4 | 2755.1 | 146397 | 48.763 ng/ml |
| Citalopram | 5.207 | 590641 | 28334.1 | 32.0 | 16607.3 | 599448 | 49.544 ng/ml |
| Clonazepam | 5.593 | 95460 | 37601.6 | 32.4 | 31965.5 | 41612 | 51.159 ng/ml |
| Clonazolam | 5.540 | 179259 | 33490.5 | 39.9 | 59725.5 | 184500 | 45.998 ng/ml |
| Cocaine | 4.240 | 588214 | 1527524.6 | 52.0 | 32101.3 | 1002538 | 49.226 ng/ml |
| Codeine | 2.552 | 70682 | 15377.0 | 96.4 | ∞ | 67095 | 55.825 ng/ml |
| Cyclobenzaprine | 5.601 | 660896 | 20406.0 | 10.2 | 1078.3 | 425324 | 51.074 ng/ml |
| Dextromethorphan | 5.246 | 462175 | 7690.6 | 77.0 | ∞ | 463733 | 48.898 ng/ml |
| Dextrorphan | 4.103 | 564195 | 365213.9 | 44.3 | 1185944.8 | 616512 | 48.670 ng/ml |
| Diazepam | 5.923 | 207841 | 2602.9 | 92.2 | 2486.5 | 220233 | 49.407 ng/ml |
| Dihydrocodeine | 2.511 | 195130 | 1078.5 | 64.8 | 501.8 | 257806 | 56.403 ng/ml |
| Diphenhydramine | 5.272 | 1849495 | 134524.2 | 31.8 | 13800.6 | 2026895 | 48.079 ng/ml |
| Doxylamine | 4.515 | 1882006 | ∞ | 72.8 | 221474.9 | 1575063 | 49.225 ng/ml |
| EDDP | 5.235 | 782265 | ∞ | 42.2 | 10279.7 | 900411 | 47.997 ng/ml |
| Etizolam | 5.785 | 7775 | 17241.0 | 91.8 | ∞ | 217483 | 47.583 ng/ml |
| Fentanyl | 5.083 | 70188 | 23379.7 | 110.8 | ∞ | 684927 | 4.794 ng/ml |
| Flualprazolam | 5.681 | 163679 | ∞ | 90.0 | 3155.4 | 217483 | 52.792 ng/ml |
| Fluoxetine | 5.687 | 657891 | 19869.1 | 6.4 | 27809.4 | 437726 | 49.501 ng/ml |
| Hydrocodone | 2.998 | 200480 | ∞ | 40.8 | ∞ | 255260 | 51.521 ng/ml |
| Hydromorphone | 1.577 | 141490 | 1940.4 | 74.6 | 1657.7 | 117100 | 47.431 ng/ml |
| Ketamine | 4.031 | 612318 | 40451.5 | 35.3 | 5873.1 | 670982 | 51.302 ng/ml |
| Lamotrigine | 4.278 | 56939 | 3842.9 | 90.5 | ∞ | 146397 | 49.391 ng/ml |

AM #28 Multi-Drug Quant. Results

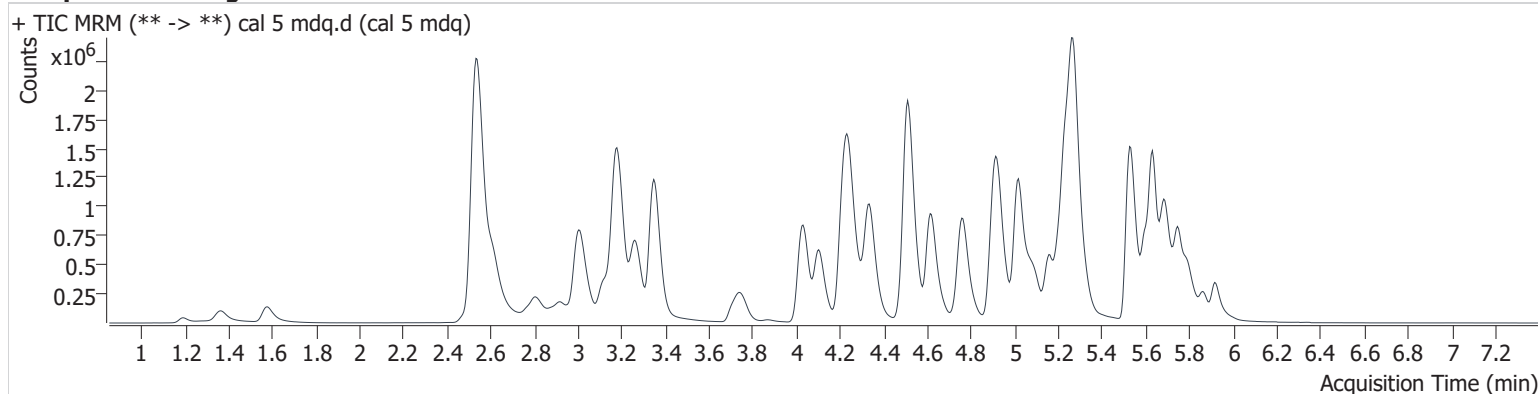
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|------------|-------|----------|------------|--------------|
| Levetiracetam | 2.610 | 199612 | 16626.2 | 227.9 | 25797.6 | 900411 | 48.614 ng/ml |
| Lorazepam | 5.723 | 49989 | ∞ | 43.9 | ∞ | 41612 | 57.618 ng/ml |
| MDA | 3.173 | 627145 | 26248.0 | 28.0 | 10179.5 | 405921 | 53.814 ng/ml |
| MDMA | 3.266 | 628376 | 50244.9 | 97.1 | 242882.1 | 117734 | 50.341 ng/ml |
| Meprobamate | 4.899 | 104192 | ∞ | 31.2 | 6784.3 | 146397 | 54.456 ng/ml |
| Methadone | 5.630 | 1005399 | 14944.2 | 67.0 | ∞ | 856532 | 47.162 ng/ml |
| Methamphetamine | 3.185 | 1313962 | 17324.3 | 38.5 | 4801.5 | 1143945 | 53.561 ng/ml |
| Metoprolol | 4.303 | 145964 | 521339.3 | 100.2 | ∞ | 405921 | 50.025 ng/ml |
| Mirtazapine | 4.618 | 1173649 | 79233.1 | 54.1 | ∞ | 856532 | 47.606 ng/ml |
| Mitragynine | 5.216 | 196559 | 318852.7 | 31.8 | 36743.2 | 15441 | 58.334 ng/ml |
| Morphine | 1.191 | 18877 | 331.1 | 18.2 | 147.6 | 7780 | 54.410 ng/ml |
| Norbuprenorphine | 4.983 | 844 | 407.8 | 139.0 | ∞ | 15441 | 4.460 ng/ml |
| Nordiazepam | 5.866 | 175801 | ∞ | 58.8 | 717670.1 | 135566 | 52.439 ng/ml |
| Norfentanyl | 4.058 | 44787 | 8151.1 | 36.8 | 37389.4 | 1171943 | 4.744 ng/ml |
| Norhydrocodone | 3.044 | 19658 | 2064.9 | 26.7 | 992.4 | 68907 | 46.461 ng/ml |
| Noroxycodone | 2.884 | 151522 | ∞ | 48.4 | ∞ | 87309 | 50.116 ng/ml |
| O-desmethyl-tramadol | 3.353 | 1421446 | 2777540.6 | 6.9 | 14321.0 | 1553784 | 48.728 ng/ml |
| Oxazepam | 5.725 | 94906 | ∞ | 69.6 | 1557.6 | 83872 | 53.117 ng/ml |
| Oxycodone | 2.807 | 343418 | ∞ | 31.6 | ∞ | 358642 | 52.102 ng/ml |
| Oxymorphone | 1.359 | 173521 | 8623.9 | 46.2 | 32556.6 | 101989 | 50.044 ng/ml |
| Phentermine | 3.750 | 235570 | ∞ | 9.2 | 9364.3 | 610609 | 53.326 ng/ml |
| Promethazine | 5.527 | 1078891 | 39591.2 | 43.6 | 13433.7 | 987921 | 48.363 ng/ml |
| Pseudoephedrine | 2.539 | 3136771 | ∞ | 23.6 | 130555.2 | 3133614 | 49.035 ng/ml |
| Quetiapine | 5.540 | 417687 | 9933.3 | 55.3 | 393583.3 | 197079 | 50.285 ng/ml |
| Sertraline | 5.750 | 161339 | 4650.2 | 109.5 | 77736.3 | 142912 | 50.558 ng/ml |
| Temazepam | 5.792 | 346344 | 20781.6 | 30.1 | 2717.9 | 374392 | 48.108 ng/ml |
| Tramadol | 4.221 | 1508598 | 419677.2 | 3.9 | 1084.4 | 1565813 | 50.641 ng/ml |
| Trazodone | 5.160 | 617195 | 1372381.0 | 75.0 | ∞ | 642053 | 54.267 ng/ml |
| Venlafaxine | 5.017 | 1106491 | 483585.5 | 32.8 | 7336.8 | 1797668 | 45.247 ng/ml |
| Zolpidem | 4.922 | 1278052 | 10307772.9 | 29.0 | 27081.4 | 1304180 | 50.358 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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**
Injection Volume 3
Acq. Date-Time 12/28/2021 2:54:24 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|----------|------------|---------------|
| 6-MAM | 3.124 | 18798 | ∞ | 126.4 | 2127.1 | 59486 | 9.804 ng/ml |
| 7-aminoclonazepam | 4.261 | 359427 | 18291.6 | 66.6 | 4463.4 | 146118 | 99.022 ng/ml |
| a-hydroxyalprazolam | 5.671 | 32915 | ∞ | 50.3 | ∞ | 31685 | 100.202 ng/ml |
| alpha-PHP | 4.904 | 1203788 | 39980.2 | 39.7 | 12264.0 | 395881 | 105.981 ng/ml |
| alpha-PVP | 4.341 | 1572393 | 4701442.3 | 55.9 | 100056.7 | 758424 | 96.982 ng/ml |
| Alprazolam | 5.750 | 515811 | 9835.0 | 91.5 | ∞ | 187546 | 107.258 ng/ml |
| Amphetamine | 3.011 | 741156 | 62969.7 | 264.2 | 75492.9 | 395881 | 95.753 ng/ml |
| Benzoylcegonine | 3.870 | 23906 | 768702.7 | 57.5 | 756.8 | 8352 | 96.661 ng/ml |
| Buprenorphine | 5.763 | 13407 | 18133.1 | 18.6 | ∞ | 71754 | 9.941 ng/ml |
| Bupropion | 4.764 | 1531464 | 635313.0 | 73.8 | 24423.4 | 673507 | 95.709 ng/ml |
| Carisoprodol | 5.705 | 249012 | ∞ | 67.5 | 1791.3 | 115959 | 99.234 ng/ml |
| Citalopram | 5.207 | 1000461 | 13629.4 | 32.8 | 72813.3 | 517652 | 97.282 ng/ml |
| Clonazepam | 5.593 | 147511 | 76831.9 | 31.5 | ∞ | 31685 | 104.324 ng/ml |
| Clonazepam | 5.545 | 282098 | 13622.0 | 40.1 | ∞ | 146118 | 91.273 ng/ml |
| Cocaine | 4.240 | 1000652 | 314338.1 | 52.1 | 108893.9 | 847119 | 98.945 ng/ml |
| Codeine | 2.557 | 110567 | ∞ | 91.6 | 9664.6 | 57363 | 102.794 ng/ml |
| Cyclobenzaprine | 5.606 | 1121866 | 18944.4 | 10.4 | 11509.2 | 374380 | 98.778 ng/ml |
| Dextromethorphan | 5.246 | 778067 | 296208.7 | 77.4 | 29452.9 | 391376 | 97.574 ng/ml |
| Dextrorphan | 4.103 | 1006272 | 555422.0 | 44.3 | 509831.2 | 541358 | 99.043 ng/ml |
| Diazepam | 5.923 | 377847 | 18639.5 | 93.7 | 16803.9 | 199402 | 99.147 ng/ml |
| Dihydrocodeine | 2.516 | 323785 | 3073.9 | 65.4 | 1989.8 | 242888 | 100.167 ng/ml |
| Diphenhydramine | 5.272 | 3251409 | 165702.7 | 31.2 | 652161.7 | 1756287 | 97.342 ng/ml |
| Doxylamine | 4.509 | 3364892 | 989458.1 | 74.6 | 106139.1 | 1404254 | 98.754 ng/ml |
| EDDP | 5.235 | 1520834 | 223162.9 | 43.0 | 710832.4 | 855702 | 98.036 ng/ml |
| Etizolam | 5.785 | 13781 | 40209.0 | 94.7 | 13348.6 | 187546 | 96.912 ng/ml |
| Fentanyl | 5.083 | 129778 | ∞ | 108.3 | 9566.9 | 617945 | 9.813 ng/ml |
| Flualprazolam | 5.681 | 273671 | 4495.5 | 91.4 | ∞ | 187546 | 102.834 ng/ml |
| Fluoxetine | 5.687 | 1069881 | 43765.5 | 6.4 | 153276.4 | 361188 | 97.578 ng/ml |
| Hydrocodone | 2.998 | 343120 | ∞ | 40.9 | ∞ | 226901 | 99.570 ng/ml |
| Hydromorphone | 1.577 | 261664 | 3430.7 | 76.9 | 3063.0 | 106314 | 96.530 ng/ml |
| Ketamine | 4.031 | 1062969 | 45942.4 | 35.5 | ∞ | 596157 | 100.614 ng/ml |
| Lamotrigine | 4.278 | 90720 | 8741.6 | 92.9 | 15751.8 | 115959 | 98.297 ng/ml |
| Levetiracetam | 2.615 | 360935 | 116656.1 | 225.8 | 38779.0 | 855702 | 92.091 ng/ml |

AM #28 Multi-Drug Quant. Results

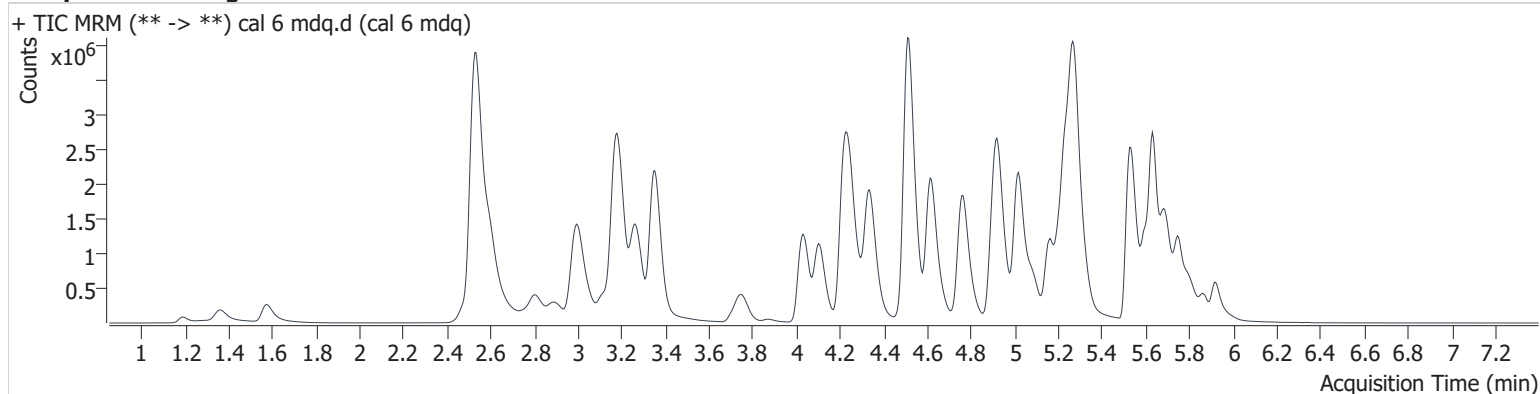
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| Lorazepam | 5.723 | 67447 | ∞ | 45.8 | 395.0 | 31685 | 105.007 ng/ml |
| MDA | 3.168 | 1002370 | 47114.6 | 27.6 | 27750.6 | 335748 | 105.003 ng/ml |
| MDMA | 3.266 | 1088865 | 266752.4 | 98.1 | 50389.3 | 103885 | 99.031 ng/ml |
| Meprobamate | 4.894 | 168270 | 370301.6 | 30.0 | 3295.3 | 115959 | 111.746 ng/ml |
| Methadone | 5.630 | 1842753 | 72145.9 | 67.1 | 22439.6 | 748969 | 98.132 ng/ml |
| Methamphetamine | 3.180 | 2259556 | 80302.5 | 38.3 | 10266.5 | 1032521 | 106.859 ng/ml |
| Metoprolol | 4.303 | 239421 | 1598791.6 | 105.3 | ∞ | 335748 | 98.301 ng/ml |
| Mirtazapine | 4.618 | 2073817 | 3216442.5 | 54.2 | 171929.9 | 748969 | 95.529 ng/ml |
| Mitragynine | 5.216 | 325157 | 71566.4 | 33.6 | 37421.2 | 12960 | 117.457 ng/ml |
| Morphine | 1.191 | 33971 | 386.3 | 18.3 | 261.0 | 7371 | 103.931 ng/ml |
| Norbuprenorphine | 4.983 | 1507 | ∞ | 138.7 | 792.8 | 12960 | 9.203 ng/ml |
| Nordiazepam | 5.866 | 290337 | ∞ | 59.0 | ∞ | 113631 | 103.940 ng/ml |
| Norfentanyl | 4.058 | 76792 | 3420.2 | 39.3 | 86608.5 | 1001919 | 9.438 ng/ml |
| Norhydrocodone | 3.044 | 36649 | 1935.2 | 30.0 | 1895.3 | 61610 | 94.705 ng/ml |
| Noroxycodone | 2.889 | 254779 | ∞ | 49.4 | ∞ | 72734 | 101.107 ng/ml |
| O-desmethyl-tramadol | 3.353 | 2593816 | 1211726.0 | 6.7 | 32832.4 | 1406134 | 98.455 ng/ml |
| Oxazepam | 5.730 | 121156 | ∞ | 71.5 | 2427.7 | 58496 | 97.689 ng/ml |
| Oxycodone | 2.807 | 580279 | ∞ | 28.9 | ∞ | 313692 | 100.709 ng/ml |
| Oxymorphone | 1.364 | 298103 | ∞ | 46.4 | ∞ | 86631 | 101.446 ng/ml |
| Phentermine | 3.750 | 399546 | 1807.4 | 9.0 | 1404.8 | 539029 | 103.158 ng/ml |
| Promethazine | 5.527 | 1989276 | ∞ | 43.0 | ∞ | 894382 | 98.150 ng/ml |
| Pseudoephedrine | 2.543 | 5420427 | ∞ | 24.0 | ∞ | 2721972 | 97.474 ng/ml |
| Quetiapine | 5.534 | 752994 | ∞ | 50.0 | 2196864.1 | 172318 | 104.381 ng/ml |
| Sertraline | 5.750 | 265580 | 10171.2 | 111.3 | 383933.8 | 118428 | 100.493 ng/ml |
| Temazepam | 5.792 | 531043 | 38191.6 | 30.8 | 6359.1 | 290709 | 94.287 ng/ml |
| Tramadol | 4.221 | 2675496 | 6138022.0 | 3.8 | 3653.7 | 1375100 | 103.003 ng/ml |
| Trazodone | 5.160 | 1019421 | ∞ | 78.9 | ∞ | 558488 | 103.901 ng/ml |
| Venlafaxine | 5.017 | 2011330 | 374846.6 | 32.3 | 27164.8 | 1627661 | 88.842 ng/ml |
| Zolpidem | 4.922 | 2206508 | 353999.6 | 29.5 | 296419.0 | 1129182 | 100.608 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 AM

| | | | |
|-------------------------|-----------------------|------------------|-------------|
| Instrument | 69679 | Data File | cal 6 mdq.d |
| Type | Cal | Sample | cal 6 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-F5 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 12/28/2021 3:03:27 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------------------|-------|-----------------------|------------|---------------|
| 6-MAM | 3.124 | 40689 | 45666.7 | 128.7 | 33680.1 | 50098 | 25.223 ng/ml |
| 7-aminoclonazepam | 4.256 | 576236 | 13560.3 | 66.5 | 25885.2 | 93225 | 248.498 ng/ml |
| a-hydroxyalprazolam | 5.671 | 51073 | 560.5 | 51.9 | ∞ | 20415 | 242.726 ng/ml |
| alpha-PHP | 4.904 | 2550431 | 34929.9 | 39.3 | 35116.5 | 348896 | 255.418 ng/ml |
| alpha-PVP | 4.336 | 3564222 | 178999.7 | 55.5 | 90760.4 | 675364 | 246.876 ng/ml |
| Alprazolam | 5.750 | 997545 | 86484.4 | 93.1 | 2453.9 | 148211 | 264.589 ng/ml |
| Amphetamine | 2.996 | 1495645 | 161463.1 | 254.3 | 48779.4 | 348896 | 221.483 ng/ml |
| Benzoylcegonine | 3.875 | 59211 | 82961.5 | 57.8 | 3841.5 | 8047 | 250.110 ng/ml |
| Buprenorphine | 5.763 | 26846 | ∞ | 17.0 | 1690639.4 | 59938 | 23.425 ng/ml |
| Bupropion | 4.764 | 3663465 | 113437.2 | 71.5 | 100879.4 | 607476 | 253.674 ng/ml |
| Carisoprodol | 5.705 | 450639 | ∞ | 67.9 | 15086.1 | 81342 | 255.928 ng/ml |
| Citalopram | 5.202 | 2002341 | 54449.2 | 33.6 | 18302.3 | 402968 | 250.277 ng/ml |
| Clonazepam | 5.599 | 225408 | 6639.0 | 33.4 | 128623.2 | 20415 | 248.084 ng/ml |
| Clonazepam | 5.545 | 466928 | 17438.6 | 39.6 | 675547.5 | 93225 | 236.586 ng/ml |
| Cocaine | 4.240 | 2198223 | 199125.7 | 50.3 | ∞ | 731457 | 251.488 ng/ml |
| Codeine | 2.552 | 209110 | 5907.6 | 95.4 | 5628.8 | 47213 | 237.223 ng/ml |
| Cyclobenzaprine | 5.601 | 2154688 | 21075.0 | 10.4 | 4351.3 | 281000 | 253.237 ng/ml |
| Dextromethorphan | 5.246 | 1554698 | 68754.6 | 75.6 | 34650.4 | 302484 | 252.320 ng/ml |
| Dextrophan | 4.108 | 2278142 | 150542.5 | 43.9 | 2843427.7 | 487012 | 249.525 ng/ml |
| Diazepam | 5.923 | 800433 | 13727.7 | 92.1 | 7628.2 | 169385 | 247.170 ng/ml |
| Dihydrocodeine | 2.485 | 729607 | 2088.5 | 65.2 | 2510.0 | 220230 | 250.552 ng/ml |
| Diphenhydramine | 5.272 | 6983414 | 236221.9 | 30.9 | 142841.8 | 1455395 | 251.983 ng/ml |
| Doxylamine | 4.515 | 8085733 | 483618.9 | 75.1 | 185057.4 | 1292473 | 257.886 ng/ml |
| EDDP | 5.235 | 3051261 | 223202.1 | 43.1 | 310832.6 | 672195 | 250.160 ng/ml |
| Etizolam | 5.790 | 27843 | ∞ | 93.2 | 184323.6 | 148211 | 246.449 ng/ml |
| Fentanyl | 5.083 | 288735 | 940184.5 | 107.6 | 414919.5 | 538149 | 25.052 ng/ml |
| Flualprazolam | 5.681 | 529841 | 8074.1 | 90.0 | 3677.1 | 148211 | 252.667 ng/ml |
| Fluoxetine | 5.687 | 1575365 | 790816.8 | 6.4 | ∞ | 208476 | 248.958 ng/ml |
| Hydrocodone | 2.998 | 791564 | ∞ | 40.7 | ∞ | 205416 | 254.351 ng/ml |
| Hydromorphone | 1.577 | 598541 | 1730092319 22036.0 | 75.5 | 1753756788 74068.0 | 88654 | 264.648 ng/ml |
| Ketamine | 4.031 | 2421309 | 121707.8 | 34.7 | 127912.7 | 543152 | 252.144 ng/ml |
| Lamotrigine | 4.278 | 177964 | 10438.7 | 91.0 | ∞ | 81342 | 273.017 ng/ml |

AM #28 Multi-Drug Quant. Results

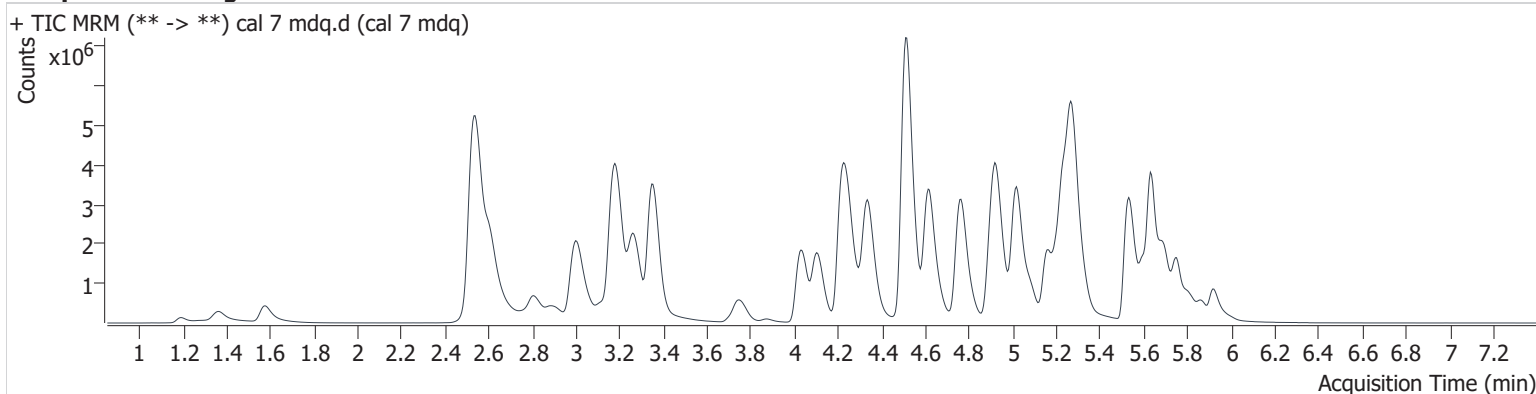
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|-----------|-------|-----------|------------|---------------|
| Levetiracetam | 2.600 | 838065 | 41841.8 | 224.5 | 51258.5 | 672195 | 271.322 ng/ml |
| Lorazepam | 5.723 | 96585 | ∞ | 47.1 | ∞ | 20415 | 237.986 ng/ml |
| MDA | 3.163 | 1653458 | 31557.1 | 28.9 | ∞ | 253582 | 230.620 ng/ml |
| MDMA | 3.266 | 2378097 | 226034.3 | 98.7 | 91588.1 | 88684 | 253.636 ng/ml |
| Meprobamate | 4.894 | 273527 | 737111.9 | 31.2 | 6576.1 | 81342 | 259.853 ng/ml |
| Methadone | 5.630 | 4153107 | 64933.9 | 65.3 | 176967.4 | 660657 | 249.703 ng/ml |
| Methamphetamine | 3.180 | 4806555 | 31666.7 | 38.6 | 26684.8 | 999762 | 241.124 ng/ml |
| Metoprolol | 4.303 | 469663 | 765192.7 | 103.8 | ∞ | 253582 | 253.847 ng/ml |
| Mirtazapine | 4.613 | 4771358 | ∞ | 53.1 | 130045.8 | 660657 | 248.112 ng/ml |
| Mitragynine | 5.216 | 626096 | ∞ | 33.7 | 86970.4 | 11403 | 260.062 ng/ml |
| Morphine | 1.191 | 72144 | 283.7 | 18.4 | 513.5 | 6546 | 249.436 ng/ml |
| Norbuprenorphine | 4.978 | 3271 | ∞ | 118.3 | ∞ | 11403 | 22.324 ng/ml |
| Nordiazepam | 5.872 | 528621 | 21131.2 | 58.2 | ∞ | 83698 | 257.864 ng/ml |
| Norfentanyl | 4.058 | 171686 | ∞ | 38.5 | ∞ | 827856 | 25.407 ng/ml |
| Norhydrocodone | 3.049 | 93815 | 4170.4 | 31.1 | 2145.1 | 57833 | 254.805 ng/ml |
| Noroxycodone | 2.884 | 563035 | ∞ | 46.4 | ∞ | 67188 | 241.819 ng/ml |
| O-desmethyl-tramadol | 3.353 | 6008710 | 982396.7 | 6.5 | 86009.0 | 1281798 | 250.504 ng/ml |
| Oxazepam | 5.730 | 136309 | ∞ | 67.2 | ∞ | 25612 | 251.900 ng/ml |
| Oxycodone | 2.802 | 1299488 | ∞ | 31.4 | ∞ | 284756 | 248.534 ng/ml |
| Oxymorphone | 1.359 | 643141 | ∞ | 46.1 | 14555.4 | 74471 | 254.937 ng/ml |
| Phentermine | 3.755 | 841940 | 16545.8 | 8.5 | 4382.7 | 485803 | 242.212 ng/ml |
| Promethazine | 5.522 | 4055517 | 7471337.5 | 40.5 | 146539.9 | 707256 | 252.507 ng/ml |
| Pseudoephedrine | 2.536 | 11789106 | ∞ | 23.7 | ∞ | 2300109 | 250.767 ng/ml |
| Quetiapine | 5.534 | 1529167 | 183016.3 | 50.4 | ∞ | 150708 | 243.245 ng/ml |
| Sertraline | 5.750 | 354755 | 21998.0 | 112.3 | 986604.6 | 63180 | 251.717 ng/ml |
| Temazepam | 5.798 | 896156 | 24851.8 | 30.3 | 3925.0 | 192065 | 239.702 ng/ml |
| Tramadol | 4.216 | 5950201 | 232738.6 | 3.7 | 2795.5 | 1256960 | 251.638 ng/ml |
| Trazodone | 5.160 | 2246089 | 46995.7 | 77.9 | 1395565.0 | 510916 | 251.581 ng/ml |
| Venlafaxine | 5.017 | 4743245 | 341568.6 | 31.4 | 43572.3 | 1447164 | 232.370 ng/ml |
| Zolpidem | 4.922 | 4881785 | 719008.2 | 29.4 | ∞ | 1011035 | 248.886 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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**
Injection Volume 3
Acq. Date-Time 12/28/2021 3:12:30 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|------------------------|------------|---------------|
| 6-MAM | 3.119 | 70590 | ∞ | 127.7 | 17556.8 | 42988 | 51.012 ng/ml |
| 7-aminoclonazepam | 4.261 | 660629 | 31406.6 | 68.8 | 18483.6 | 52609 | 504.615 ng/ml |
| a-hydroxyalprazolam | 5.671 | 70666 | ∞ | 51.7 | 1773817567 803.7 | 14726 | 466.521 ng/ml |
| alpha-PHP | 4.899 | 4196872 | ∞ | 39.1 | 110896.1 | 313796 | 467.697 ng/ml |
| alpha-PVP | 4.341 | 6451660 | 206436.6 | 54.5 | 15586.0 | 590256 | 511.313 ng/ml |
| Alprazolam | 5.750 | 1510362 | 13773.7 | 95.1 | ∞ | 111404 | 534.445 ng/ml |
| Amphetamine | 3.001 | 2144132 | ∞ | 251.6 | 210188.9 | 313796 | 354.060 ng/ml |
| Benzoylcegonine | 3.875 | 123131 | 307936.1 | 55.8 | 4491.6 | 8499 | 493.456 ng/ml |
| Buprenorphine | 5.763 | 42429 | 39342.5 | 15.9 | 22764.8 | 44219 | 49.852 ng/ml |
| Bupropion | 4.764 | 6789428 | 1045814.4 | 69.2 | 25519472.3 | 558565 | 511.198 ng/ml |
| Carisoprodol | 5.705 | 668031 | 5161940.5 | 67.7 | 8594.2 | 62952 | 490.176 ng/ml |
| Citalopram | 5.202 | 2955578 | 1116500.6 | 33.9 | 36960.3 | 291759 | 510.346 ng/ml |
| Clonazepam | 5.599 | 300805 | ∞ | 34.6 | 121582.3 | 14726 | 459.386 ng/ml |
| Clonazolam | 5.550 | 637668 | 11139.4 | 40.1 | 6495.0 | 52609 | 572.357 ng/ml |
| Cocaine | 4.240 | 3650357 | 245346.2 | 49.0 | 404061.3 | 602751 | 506.632 ng/ml |
| Codeine | 2.557 | 297598 | ∞ | 100.1 | 5348060439 490820.0 | 34955 | 456.730 ng/ml |
| Cyclobenzaprine | 5.601 | 2451346 | 85774.7 | 10.4 | 19016.4 | 163332 | 495.949 ng/ml |
| Dextromethorphan | 5.246 | 2127812 | 130938.9 | 75.9 | 255420.1 | 209009 | 499.814 ng/ml |
| Dextropran | 4.108 | 3957740 | 419761.1 | 44.6 | 8327181.1 | 417360 | 506.022 ng/ml |
| Diazepam | 5.923 | 1378771 | 24801.4 | 92.1 | 19919.9 | 145016 | 497.248 ng/ml |
| Dihydrocodeine | 2.500 | 1105696 | 4018.5 | 65.6 | 5243.6 | 205633 | 407.335 ng/ml |
| Diphenhydramine | 5.277 | 10877663 | 767850.5 | 30.5 | 525361.3 | 1094805 | 521.562 ng/ml |
| Doxylamine | 4.515 | 14983502 | 433291.5 | 78.0 | ∞ | 1205937 | 512.213 ng/ml |
| EDDP | 5.235 | 5565354 | 152107.8 | 41.7 | 131932.6 | 591175 | 518.657 ng/ml |
| Etizolam | 5.785 | 47907 | ∞ | 90.5 | ∞ | 111404 | 563.075 ng/ml |
| Fentanyl | 5.083 | 400518 | ∞ | 112.3 | ∞ | 379213 | 49.304 ng/ml |
| Flualprazolam | 5.681 | 800536 | 11976.9 | 89.8 | 3355.6 | 111404 | 508.398 ng/ml |
| Fluoxetine | 5.687 | 1531358 | 619375.1 | 6.2 | ∞ | 100044 | 504.316 ng/ml |
| Hydrocodone | 2.998 | 1382708 | ∞ | 41.9 | ∞ | 191050 | 478.064 ng/ml |
| Hydromorphone | 1.577 | 1083643 | ∞ | 75.5 | ∞ | 83059 | 511.336 ng/ml |
| Ketamine | 4.031 | 4282485 | 235246.1 | 34.5 | 134532.3 | 490150 | 494.560 ng/ml |
| Lamotrigine | 4.278 | 242651 | 1373372.7 | 90.7 | 289632.0 | 62952 | 480.209 ng/ml |

cal 7 mdq

Generated at 10:06 AM on 12/29/2021

AM #28 Multi-Drug Quant. Results

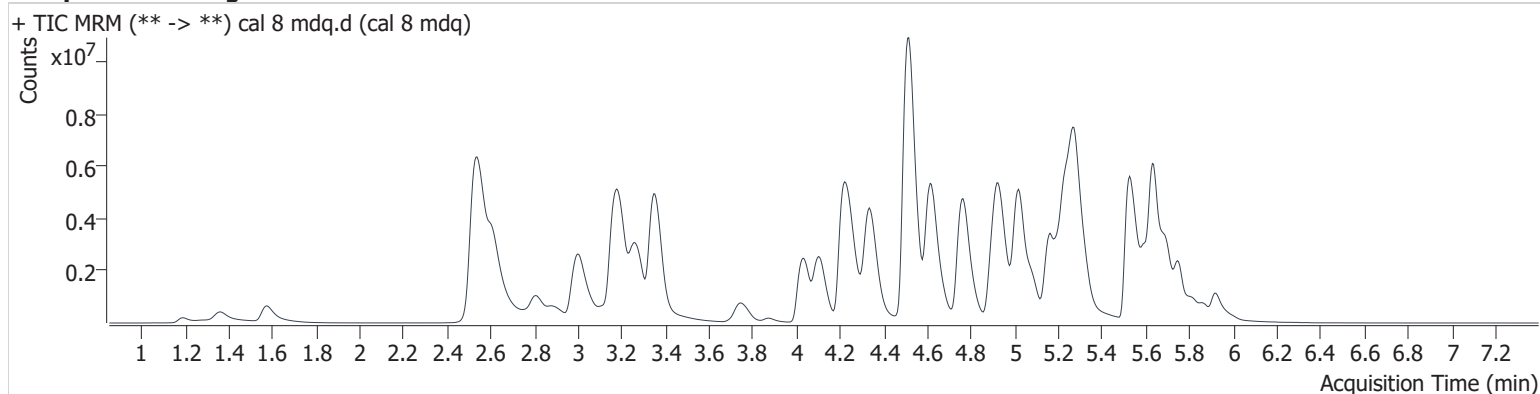
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|----------|------------|---------------|
| Levetiracetam | 2.610 | 1465261 | 43160.0 | 221.7 | 137939.7 | 591175 | 538.945 ng/ml |
| Lorazepam | 5.723 | 123104 | ∞ | 48.0 | ∞ | 14726 | 423.407 ng/ml |
| MDA | 3.158 | 2130103 | 278956.8 | 27.5 | 15629.5 | 175393 | 430.486 ng/ml |
| MDMA | 3.266 | 3910716 | 182463.4 | 95.7 | 175083.0 | 74552 | 496.333 ng/ml |
| Meprobamate | 4.889 | 347603 | 310955.5 | 29.8 | 106228.8 | 62952 | 427.136 ng/ml |
| Methadone | 5.635 | 6554480 | 811833.6 | 64.9 | 854883.8 | 507551 | 512.266 ng/ml |
| Methamphetamine | 3.180 | 7895267 | 22914077.2 | 38.2 | 22436.8 | 958990 | 416.698 ng/ml |
| Metoprolol | 4.303 | 684672 | ∞ | 103.2 | ∞ | 175393 | 534.007 ng/ml |
| Mirtazapine | 4.618 | 8091665 | 158460.7 | 52.7 | 330151.4 | 507551 | 546.904 ng/ml |
| Mitragynine | 5.211 | 863972 | 74314.1 | 34.0 | 234164.1 | 8891 | 462.223 ng/ml |
| Morphine | 1.191 | 123136 | 245.7 | 18.6 | 175.1 | 5913 | 471.890 ng/ml |
| Norbuprenorphine | 4.978 | 5693 | ∞ | 108.8 | ∞ | 8891 | 49.522 ng/ml |
| Nordiazepam | 5.872 | 663986 | ∞ | 59.7 | ∞ | 59523 | 455.932 ng/ml |
| Norfentanyl | 4.063 | 272710 | 23477.0 | 38.6 | 38511.9 | 634345 | 52.588 ng/ml |
| Norhydrocodone | 3.049 | 161951 | 4675.0 | 33.1 | 1879.8 | 48219 | 525.420 ng/ml |
| Noroxycodone | 2.884 | 935616 | ∞ | 48.9 | ∞ | 53018 | 509.192 ng/ml |
| O-desmethyl-tramadol | 3.354 | 11030533 | 437653.6 | 6.4 | 160211.6 | 1171017 | 503.568 ng/ml |
| Oxazepam | 5.730 | 138415 | 5519.1 | 72.6 | 4172.8 | 14068 | 466.175 ng/ml |
| Oxycodone | 2.802 | 2335265 | ∞ | 31.2 | ∞ | 260297 | 488.656 ng/ml |
| Oxymorphone | 1.364 | 1119132 | ∞ | 46.0 | ∞ | 65911 | 501.449 ng/ml |
| Phentermine | 3.750 | 1376647 | 6260.7 | 8.2 | ∞ | 445004 | 432.944 ng/ml |
| Promethazine | 5.522 | 5009436 | 6840583.7 | 41.0 | 103944.2 | 439822 | 501.220 ng/ml |
| Pseudoephedrine | 2.539 | 18926339 | ∞ | 23.3 | ∞ | 1796610 | 515.330 ng/ml |
| Quetiapine | 5.540 | 2522496 | ∞ | 55.2 | ∞ | 128243 | 472.164 ng/ml |
| Sertraline | 5.750 | 423573 | ∞ | 112.5 | 22001.8 | 39802 | 477.139 ng/ml |
| Temazepam | 5.798 | 1166830 | ∞ | 30.1 | 6051.1 | 119067 | 502.647 ng/ml |
| Tramadol | 4.216 | 10076950 | 324584.5 | 3.7 | 6589.0 | 1142168 | 469.614 ng/ml |
| Trazodone | 5.160 | 3471520 | 172912.0 | 76.4 | 90813.0 | 417509 | 476.682 ng/ml |
| Venlafaxine | 5.017 | 8778693 | 1167829.1 | 31.3 | 102036.4 | 1268281 | 488.521 ng/ml |
| Zolpidem | 4.922 | 8571793 | 225005.3 | 28.7 | 149353.0 | 881032 | 501.692 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2021\am 27-28\122821\QuantResults\mdq.batch.bin
Calibration Last Update 12/29/2021 10:05:46 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**
Injection Volume 3
Acq. Date-Time 12/28/2021 3:30:28 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|-----------|------------|----------------|
| 6-MAM | 3.119 | 104579 | ∞ | 132.2 | 68020.6 | 34537 | 94.080 ng/ml |
| 7-aminoclonazepam | 4.261 | 564839 | 17149.3 | 71.0 | ∞ | 22376 | 1014.142 ng/ml |
| a-hydroxyalprazolam | 5.671 | 73091 | 913.5 | 53.1 | ∞ | 6634 | 1072.387 ng/ml |
| alpha-PHP | 4.899 | 6025252 | 37338.7 | 38.6 | 93281.5 | 247713 | 850.947 ng/ml |
| alpha-PVP | 4.336 | 10200105 | 540738.1 | 52.9 | 45699.0 | 448969 | 1062.786 ng/ml |
| Alprazolam | 5.750 | 1903128 | 18941.8 | 95.6 | 337.5 | 79800 | 941.230 ng/ml |
| Amphetamine | 3.006 | 2773904 | 87711.1 | 249.1 | 209643.2 | 247713 | 581.356 ng/ml |
| Benzoylcegonine | 3.875 | 232290 | 545331.7 | 58.7 | 4748.0 | 7809 | 1014.254 ng/ml |
| Buprenorphine | 5.763 | 73179 | 145679.9 | 16.9 | 19643.0 | 37366 | 101.450 ng/ml |
| Bupropion | 4.764 | 11157182 | 7361080.5 | 67.9 | 94432.9 | 455794 | 1029.375 ng/ml |
| Carisoprodol | 5.705 | 733550 | 2207339.2 | 67.0 | ∞ | 33001 | 1026.704 ng/ml |
| Citalopram | 5.197 | 3788353 | 183392.6 | 34.9 | 292674.4 | 190168 | 1003.696 ng/ml |
| Clonazepam | 5.593 | 216497 | ∞ | 34.0 | 247110.8 | 6634 | 734.200 ng/ml |
| Clonazepam | 5.561 | 515013 | 8011.1 | 39.9 | 10598.0 | 22376 | 1086.701 ng/ml |
| Cocaine | 4.240 | 5202529 | 412145.5 | 49.5 | 198040.8 | 434922 | 1000.531 ng/ml |
| Codeine | 2.557 | 419625 | ∞ | 98.4 | 35956.3 | 23831 | 945.462 ng/ml |
| Cyclobenzaprine | 5.601 | 4778211 | 613725.5 | 10.2 | 80144.8 | 161827 | 975.999 ng/ml |
| Dextromethorphan | 5.240 | 3022512 | 153354.9 | 77.1 | 266145.8 | 148206 | 1001.281 ng/ml |
| Dextrophan | 4.108 | 6188322 | 590586.3 | 44.9 | 79706.1 | 311768 | 1059.388 ng/ml |
| Diazepam | 5.923 | 1995200 | 35555.5 | 93.2 | ∞ | 104040 | 1002.901 ng/ml |
| Dihydrocodeine | 2.500 | 1581541 | 3817.9 | 66.0 | 1443.8 | 176569 | 679.264 ng/ml |
| Diphenhydramine | 5.277 | 15899273 | 214529.9 | 30.2 | 571189.4 | 804275 | 1037.524 ng/ml |
| Doxylamine | 4.515 | 24413330 | 2633723.1 | 80.0 | 717834.4 | 1005917 | 1000.557 ng/ml |
| EDDP | 5.235 | 9775583 | 449370.6 | 43.0 | ∞ | 520045 | 1035.486 ng/ml |
| Etizolam | 5.785 | 66544 | 229715.8 | 93.5 | 19748.9 | 79800 | 1091.082 ng/ml |
| Fentanyl | 5.083 | 989715 | 536914.9 | 112.5 | 6432244.6 | 437588 | 105.569 ng/ml |
| Flualprazolam | 5.681 | 956868 | 10015.8 | 86.3 | 3411.3 | 79800 | 848.681 ng/ml |
| Fluoxetine | 5.687 | 3390513 | 337735.0 | 6.2 | 156963.2 | 107413 | 1040.006 ng/ml |
| Hydrocodone | 2.998 | 2309411 | ∞ | 40.9 | ∞ | 159028 | 959.653 ng/ml |
| Hydromorphone | 1.577 | 1782336 | ∞ | 75.8 | ∞ | 65084 | 1073.206 ng/ml |
| Ketamine | 4.031 | 6517308 | 2321269.0 | 34.1 | ∞ | 386979 | 953.674 ng/ml |
| Lamotrigine | 4.278 | 280117 | 28822.4 | 90.9 | 44216.0 | 33001 | 1056.230 ng/ml |
| Levetiracetam | 2.615 | 2339537 | 139177.8 | 224.0 | 406968.6 | 520045 | 977.848 ng/ml |

AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|-----------|------------|----------------|
| Lorazepam | 5.723 | 139814 | ∞ | 46.8 | 41649.7 | 6634 | 1073.149 ng/ml |
| MDA | 3.153 | 2398499 | 75197.3 | 27.3 | 45237.3 | 117297 | 725.556 ng/ml |
| MDMA | 3.266 | 5663274 | 2378289.4 | 95.0 | 254112.6 | 54408 | 985.044 ng/ml |
| Meprobamate | 4.884 | 366227 | ∞ | 29.6 | 2003.6 | 33001 | 859.149 ng/ml |
| Methadone | 5.635 | 12180716 | 300999.4 | 59.7 | 244420.4 | 439490 | 1098.655 ng/ml |
| Methamphetamine | 3.180 | 11355713 | 9433.0 | 37.3 | 112246.0 | 850046 | 679.456 ng/ml |
| Metoprolol | 4.298 | 849910 | 866261.1 | 103.5 | ∞ | 117297 | 990.420 ng/ml |
| Mirtazapine | 4.618 | 13362892 | 2629795.4 | 52.4 | 391898.4 | 439490 | 1042.451 ng/ml |
| Mitragynine | 5.211 | 1435441 | ∞ | 37.6 | 370099.3 | 6820 | 1004.233 ng/ml |
| Morphine | 1.191 | 188388 | 159.9 | 18.6 | 400.4 | 4829 | 884.581 ng/ml |
| Norbuprenorphine | 4.978 | 9180 | 1753.3 | 107.4 | ∞ | 6820 | 103.826 ng/ml |
| Nordiazepam | 5.872 | 797202 | 42705.4 | 57.6 | ∞ | 35361 | 922.098 ng/ml |
| Norfentanyl | 4.058 | 342519 | 28480.6 | 41.7 | ∞ | 427826 | 97.869 ng/ml |
| Norhydrocodone | 3.049 | 241866 | 2980.6 | 34.0 | 3838.0 | 34873 | 1082.861 ng/ml |
| Noroxycodone | 2.884 | 1399841 | ∞ | 48.3 | ∞ | 41209 | 980.107 ng/ml |
| O-desmethyl-tramadol | 3.353 | 17475551 | 381882.7 | 6.2 | 69736.7 | 903823 | 1033.855 ng/ml |
| Oxazepam | 5.725 | 142906 | ∞ | 86.5 | 2503.3 | 6644 | 1019.731 ng/ml |
| Oxycodone | 2.807 | 3821679 | ∞ | 31.7 | ∞ | 221230 | 940.962 ng/ml |
| Oxymorphone | 1.359 | 1784956 | 2331840.2 | 45.7 | ∞ | 55756 | 945.645 ng/ml |
| Phentermine | 3.750 | 2040321 | ∞ | 7.9 | ∞ | 373658 | 764.765 ng/ml |
| Promethazine | 5.522 | 12155199 | ∞ | 38.3 | ∞ | 495050 | 1080.124 ng/ml |
| Pseudoephedrine | 2.539 | 26569169 | ∞ | 23.2 | ∞ | 1260858 | 1030.751 ng/ml |
| Quetiapine | 5.540 | 3423383 | 886383.2 | 51.4 | 2186445.3 | 89375 | 920.090 ng/ml |
| Sertraline | 5.750 | 623697 | 28558.6 | 111.6 | 839993.1 | 29929 | 934.408 ng/ml |
| Temazepam | 5.803 | 1338262 | 63315.7 | 30.6 | 4387.5 | 67573 | 1015.065 ng/ml |
| Tramadol | 4.211 | 15125016 | 363403.0 | 3.6 | 11937.8 | 815660 | 987.821 ng/ml |
| Trazodone | 5.159 | 6175418 | 41450446.7 | 78.6 | 2025521.4 | 438676 | 807.705 ng/ml |
| Venlafaxine | 5.017 | 14421358 | 7497517.5 | 30.5 | 108879.1 | 972155 | 1044.717 ng/ml |
| Zolpidem | 4.922 | 12960960 | 376290.7 | 28.8 | ∞ | 678010 | 985.918 ng/ml |