




3/17/2022

Worklist: 5687

REVIEWED
By Gregory Wylie at 11:31am Mar 18 2022

| <u>LAB CASE</u> | <u>ITEM</u> | <u>ITEM TYPE</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|------------------|--|---|
| C2022-0389 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0390 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0396 | 4 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0397 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0412 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0428 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0435 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0438 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0458 | 1 | UCK | AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ |  |
| C2022-0496 | 2 | UCK | AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ |  |
| C2022-0525 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0528 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |
| C2022-0537 | 1 | BCK | AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ |  |

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

Extraction Date 3/16/22

Analyst: Anne Nord

Plate lot#: 211018

Plate re-test: 04/18/22

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

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

Blank Blood Lot: 22B52020 **Urine Blank lot:** 21522

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. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 6. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 7. Wait 5 minutes.
- 8. Add 900uL ethyl acetate.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 11. Add 900uL ethyl acetate.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 14. Remove plate containing eluate. Add 50 ul 1% HCl in MeOH, Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 14. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

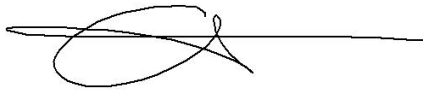
- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary 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, dihydrocodeine 5-500, Lamotrigine 5-500, Lorazepam 5-500, MDA 5-500, Methamphetamine 5-500, norbuprenorphine 2.5-100

Norhydrocodone was not evaluated due rising ratio. Phentermine not evaluated due to declining ratio, Doxylamine not evaluated due to interferant.

venlafaxine report responses between 5 and 10 as less than 10.



| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|-------------|------------|---|---|----------------|-------|---|---|---|----|-----------|-------------|
| A | IS + Cal. 1 | IS + QC_1 | | | 525-1 | 389-1 | | | | | | IS + Cal. 8 |
| B | IS + Cal. 2 | IS + QC_2 | | | 528-1 | 428-1 | | | | | | IS + Cal. 7 |
| C | IS + Cal. 3 | qc3 | | | 537-1 | 390-1 | | | | | | IS + Cal. 6 |
| D | IS + Cal. 4 | IS + QC_4 | | | Negative blood | 397-1 | | | | | qc2 urine | IS + Cal. 5 |
| E | IS + Cal. 5 | Qc 2 urine | | | | 412-1 | | | | | IS + QC_4 | IS + Cal. 4 |
| F | IS + Cal. 6 | | | | 458-1 | 435-1 | | | | | IS + QC_3 | IS + Cal. 3 |
| G | IS + Cal. 7 | | | | 496-2 | 438-1 | | | | | IS + QC_2 | IS + Cal. 2 |
| H | IS + Cal. 8 | | | | negative urine | 396-4 | | | | | IS + QC_1 | IS + Cal. 1 |

Run blanks before

c2022-__-__

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager

Date: 2/10/2022

Quality Review

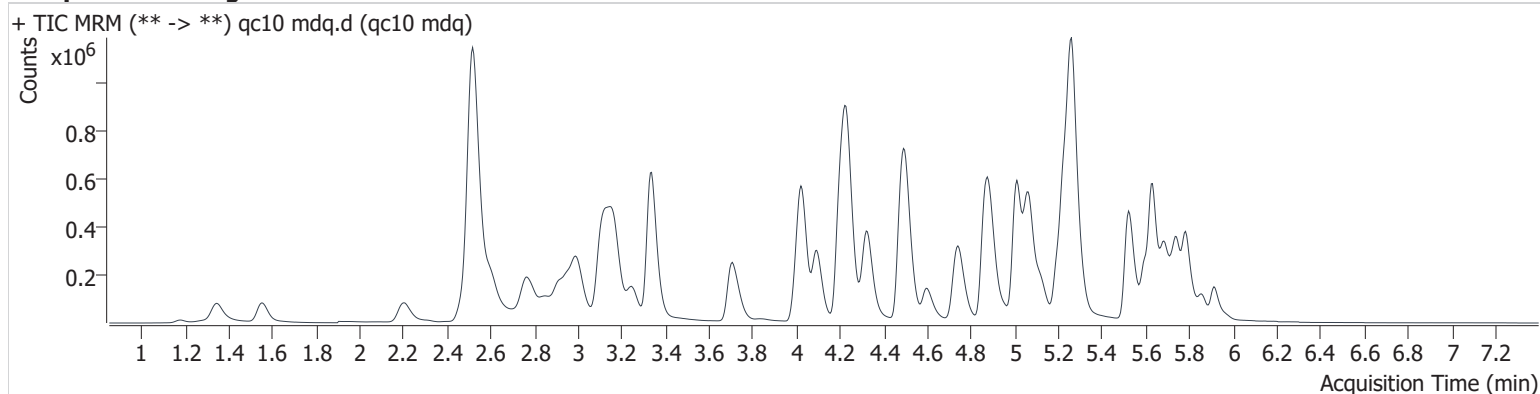
Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-A2 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 8:03:35 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|----------|-------|----------|------------|--------------|
| 6-MAM | 3.109 | 3348 | 3189.2 | 123.3 | 2633.8 | 90117 | 1.045 ng/ml |
| 7-aminoclonazepam | 4.248 | 68068 | 1537.5 | 73.8 | 2371.2 | 243763 | 10.265 ng/ml |
| a-hydroxyalprazolam | 5.672 | 8866 | ∞ | 68.2 | 18912.6 | 632083 | 9.907 ng/ml |
| alpha-PHP | 4.902 | 151059 | 6041.1 | 38.9 | 6025.5 | 154516 | 10.431 ng/ml |
| alpha-PVP | 4.332 | 195899 | 48064.1 | 54.3 | 8380.8 | 849229 | 9.623 ng/ml |
| Alprazolam | 5.751 | 86028 | 2196.2 | 91.7 | 3372.7 | 305601 | 9.359 ng/ml |
| Amphetamine | 2.996 | 190015 | 8993.8 | 222.1 | 14084.3 | 592527 | 10.788 ng/ml |
| Benzoylcegonine | 3.860 | 4038 | 12722.0 | 55.5 | 69.4 | 14728 | 10.034 ng/ml |
| Buprenorphine | 5.759 | 7301 | 2924.2 | 17.5 | ∞ | 112212 | 1.019 ng/ml |
| Bupropion | 4.757 | 190055 | 15806.8 | 68.7 | 1930.0 | 838022 | 9.671 ng/ml |
| Carisoprodol | 5.706 | 53787 | ∞ | 63.2 | 1405.8 | 248836 | 9.761 ng/ml |
| Citalopram | 5.201 | 139214 | 2882.4 | 39.6 | ∞ | 611319 | 10.181 ng/ml |
| Clonazepam | 5.594 | 52027 | ∞ | 36.8 | ∞ | 97636 | 10.171 ng/ml |
| Clonazepam | 5.535 | 55309 | 147716.7 | 40.8 | 56561.6 | 97636 | 8.043 ng/ml |
| Cocaine | 4.231 | 141876 | 9971.6 | 50.1 | 28690.4 | 1231554 | 10.140 ng/ml |
| Codeine | 2.537 | 22178 | 6035.1 | 93.3 | 1072.1 | 97222 | 10.343 ng/ml |
| Cyclobenzaprine | 5.601 | 113527 | 4423.8 | 8.1 | ∞ | 376587 | 9.980 ng/ml |
| Dextromethorphan | 5.240 | 94326 | 2695.0 | 78.1 | 4756.0 | 468714 | 9.791 ng/ml |
| Dextrophan | 4.099 | 129702 | 10798.8 | 44.7 | 75388.7 | 668413 | 10.235 ng/ml |
| Diazepam | 5.919 | 54748 | ∞ | 87.8 | 31306.2 | 267533 | 10.052 ng/ml |
| Dihydrocodeine | 2.506 | 50541 | 1456.1 | 60.3 | 750.9 | 316011 | 9.990 ng/ml |
| Diphenhydramine | 5.267 | 423452 | 17666.6 | 33.8 | 16405.4 | 2348093 | 9.914 ng/ml |
| EDDP | 5.234 | 190337 | 5717.4 | 43.4 | 266613.6 | 1003977 | 10.061 ng/ml |
| Etizolam | 5.786 | 40887 | ∞ | 24.1 | ∞ | 267533 | 9.527 ng/ml |
| Fentanyl | 5.076 | 13173 | 821.7 | 120.5 | 60634.5 | 736415 | 1.040 ng/ml |
| Flualprazolam | 5.682 | 40690 | ∞ | 90.6 | 10744.2 | 305601 | 9.963 ng/ml |
| Fluoxetine | 5.683 | 69044 | 2734.5 | 6.6 | 1437.4 | 252233 | 10.403 ng/ml |
| Hydrocodone | 2.982 | 81880 | ∞ | 36.6 | 4922.4 | 429270 | 10.307 ng/ml |
| Hydromorphone | 1.562 | 62883 | ∞ | 70.0 | ∞ | 206441 | 10.440 ng/ml |
| Ketamine | 4.022 | 136175 | 13285.4 | 35.8 | 1896.8 | 660838 | 10.211 ng/ml |
| Lamotrigine | 4.254 | 12473 | 2734.1 | 97.3 | 17442.5 | 271953 | 9.634 ng/ml |
| Levetiracetam | 2.605 | 126259 | 9307.5 | 222.3 | 11640.6 | 1095351 | 10.474 ng/ml |
| Lorazepam | 5.724 | 24548 | 816.4 | 54.4 | 417.3 | 209105 | 9.897 ng/ml |

AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|---------|------------|--------------------|------------|-----------------|
| MDA | 3.158 | 219644 | 3011.4 | 24.6 | 507.3 | 688040 | 10.513 ng/ml |
| MDMA | 3.250 | 135714 | 5114.1 | 99.3 | 5929.7 | 154516 | 9.817 ng/ml |
| Meprobamate | 4.887 | 51751 | ∞ | 29.2 | 1696.8 | 248836 | 10.670 ng/ml |
| Methadone | 5.631 | 232773 | 12458.0 | 55.3 | 16645.6 | 1095351 | 9.653 ng/ml |
| Methamphetamine | 3.175 | 391124 | 4022.1 | 39.6 | 3818.1 | 1231737 | 10.018 ng/ml |
| Metoprolol | 4.294 | 32734 | 2269.7 | 98.5 | 2978.7 | 688040 | 9.374 ng/ml |
| Mirtazapine | 4.600 | 264187 | 6606.3 | 49.9 | 18080.2 | 1095351 | 9.501 ng/ml |
| Mitragynine | 5.211 | 50731 | ∞ | 32.3 | 60679.8 | 3598123 | 10.361 ng/ml |
| Morphine | 1.186 | 6136 | 9586.8 | 19.2 | 936.3 | 8625 | 11.136 ng/ml |
| Norbuprenorphine | 4.971 | 988 | ∞ | 124.8 High | 1517.0 | 25829 | 0.716 ng/ml ocr |
| Nordiazepam | 5.868 | 48171 | ∞ | 59.7 | ∞ | 163840 | 10.332 ng/ml |
| Norfentanyl | 4.053 | 10627 | 2573.5 | 37.2 | 25490.9 | 1235447 | 0.954 ng/ml |
| Noroxycodone | 2.869 | 71046 | ∞ | 46.3 | ∞ | 271953 | 10.545 ng/ml |
| O-desmethyl-tramadol | 3.343 | 308783 | 10641.3 | 6.6 | 2274.7 | 1709928 | 9.778 ng/ml |
| Oxazepam | 5.731 | 50557 | 13323.9 | 77.2 | 3224855273 74.6 | 209105 | 9.568 ng/ml |
| Oxycodone | 2.791 | 156596 | ∞ | 29.8 | ∞ | 701358 | 10.228 ng/ml |
| Oxymorphone | 1.349 | 80493 | ∞ | 44.1 | ∞ | 286628 | 9.850 ng/ml |
| Promethazine | 5.522 | 153772 | 7776.7 | 41.3 | 2428.7 | 777742 | 9.902 ng/ml |
| Pseudoephedrine | 2.529 | 740221 | ∞ | 24.4 | 9072.0 | 3598123 | 9.794 ng/ml |
| Quetiapine | 5.530 | 140222 | 26197.5 | 63.1 | 57375.7 | 223139 | 10.207 ng/ml |
| Sertraline | 5.751 | 19221 | ∞ | 100.1 | 1467.3 | 84526 | 10.171 ng/ml |
| Temazepam | 5.788 | 128786 | 4817.8 | 28.1 | 393.2 | 632083 | 10.306 ng/ml |
| Tramadol | 4.217 | 331654 | 8252.0 | 3.6 | 1551.8 | 1670059 | 10.145 ng/ml |
| Trazodone | 5.123 | 187324 | 6326.7 | 80.5 | 3197.4 | 788836 | 9.977 ng/ml |
| Venlafaxine | 5.015 | 239160 | 8373.3 | 37.1 | 1078.2 | 1649945 | 10.441 ng/ml |
| Zolpidem | 4.889 | 333571 | 17489.2 | 28.7 | 8839.1 | 1521966 | 10.164 ng/ml |

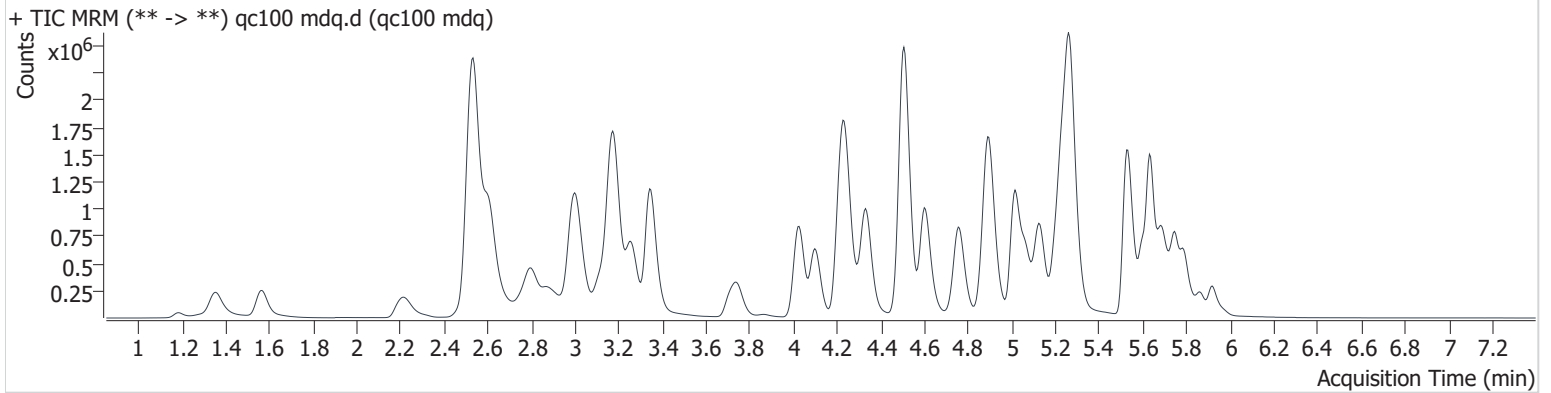
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 AM

| | | | |
|-------------------------|----------------------|------------------|-------------|
| Instrument | 69679 | Data File | qc100 mdq.d |
| Type | QC | Sample | qc100 mdq |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-B2 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/17/2022 9:31:27 AM | | |

Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.114 | 26287 | ∞ | 133.8 | ∞ | 75374 | 10.116 ng/ml |
| 7-aminoclonazepam | 4.253 | 455088 | 8874.4 | 77.1 | 23230.1 | 165502 | 100.419 ng/ml |
| a-hydroxyalprazolam | 5.677 | 33481 | 1814.0 | 58.9 | 2550.8 | 278272 | 92.563 ng/ml |
| alpha-PHP | 4.902 | 1126786 | 285760.9 | 40.2 | 10518.5 | 119773 | 102.271 ng/ml |
| alpha-PVP | 4.338 | 1574164 | 55096.8 | 53.4 | 57170.5 | 687234 | 95.002 ng/ml |
| Alprazolam | 5.751 | 530573 | 3813.6 | 92.9 | 3252.5 | 188940 | 99.781 ng/ml |
| Amphetamine | 3.006 | 1312592 | 62837.6 | 222.6 | 61686.7 | 463468 | 109.113 ng/ml |
| Benzoylcegonine | 3.871 | 28366 | 60662.8 | 59.2 | 686.4 | 12288 | 89.084 ng/ml |
| Buprenorphine | 5.759 | 54680 | 22041.1 | 14.4 | ∞ | 87629 | 9.900 ng/ml |
| Bupropion | 4.762 | 1477299 | 52090.2 | 66.9 | 17046.8 | 607843 | 104.986 ng/ml |
| Carisoprodol | 5.706 | 300390 | 243617.2 | 62.1 | 2701.6 | 138784 | 95.970 ng/ml |
| Citalopram | 5.201 | 1058082 | 16032.4 | 40.3 | 36877.2 | 472973 | 100.182 ng/ml |
| Clonazepam | 5.594 | 207566 | 188664.2 | 35.5 | 285779.2 | 40158 | 104.596 ng/ml |
| Clonazolam | 5.540 | 309585 | 87365.1 | 40.4 | 9822.5 | 40158 | 114.569 ng/ml |
| Cocaine | 4.236 | 1074884 | 3206096.8 | 51.3 | 167472.9 | 961566 | 98.506 ng/ml |
| Codeine | 2.542 | 161126 | 218659.1 | 94.6 | 21800.2 | 73010 | 109.270 ng/ml |
| Cyclobenzaprine | 5.601 | 1022366 | 1410519.0 | 8.2 | 124100.1 | 353451 | 96.893 ng/ml |
| Dextromethorphan | 5.240 | 757679 | 20093.7 | 75.5 | 605738.9 | 370746 | 98.320 ng/ml |
| Dextrophan | 4.099 | 1038956 | 64027.1 | 44.1 | 9873631.7 | 524589 | 96.415 ng/ml |
| Diazepam | 5.919 | 337462 | 10976.0 | 87.6 | ∞ | 167180 | 100.006 ng/ml |
| Dihydrocodeine | 2.506 | 413008 | 2647.9 | 61.7 | 5283.4 | 266743 | 106.144 ng/ml |
| Diphenhydramine | 5.272 | 3344206 | 161603.3 | 32.6 | 43158.6 | 1905003 | 93.306 ng/ml |
| EDDP | 5.234 | 1548946 | 100895.8 | 42.6 | 71787.4 | 806324 | 100.439 ng/ml |
| Etizolam | 5.786 | 271910 | 29208.7 | 25.4 | 124510.8 | 167180 | 107.232 ng/ml |
| Fentanyl | 5.076 | 118934 | 11036.9 | 115.5 | 166272.0 | 649699 | 10.074 ng/ml |
| Flualprazolam | 5.682 | 257560 | 3415.0 | 92.6 | 24309.0 | 188940 | 104.646 ng/ml |
| Fluoxetine | 5.688 | 548846 | 14803.6 | 7.3 | 126266.3 | 209465 | 99.456 ng/ml |
| Hydrocodone | 2.987 | 559970 | ∞ | 37.6 | ∞ | 332311 | 100.526 ng/ml |
| Hydromorphone | 1.567 | 511036 | ∞ | 72.8 | ∞ | 172239 | 99.870 ng/ml |
| Ketamine | 4.022 | 1087111 | 1127716.7 | 37.9 | 6179.1 | 546933 | 101.917 ng/ml |
| Lamotrigine | 4.264 | 92065 | 3492.5 | 90.7 | 3927.7 | 199638 | 102.213 ng/ml |
| Levetiracetam | 2.610 | 968596 | ∞ | 225.3 | 61842.8 | 894363 | 107.424 ng/ml |
| Lorazepam | 5.724 | 82430 | ∞ | 48.5 | 1757.2 | 74007 | 93.349 ng/ml |

AM #28 Multi-Drug Quant. Results

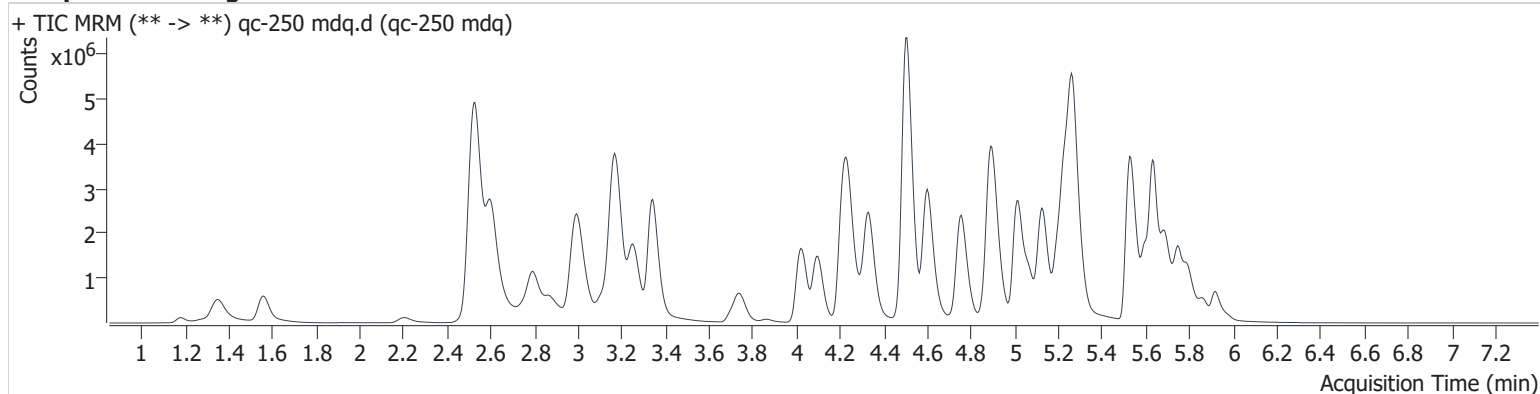
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|------------|-------|-----------|------------|---------------|
| MDA | 3.163 | 1477276 | 26616.1 | 28.3 | 1972.2 | 502856 | 105.014 ng/ml |
| MDMA | 3.261 | 1061469 | 2809811.1 | 98.9 | 37112.1 | 119773 | 101.318 ng/ml |
| Meprobamate | 4.892 | 290369 | 2061814.7 | 28.1 | 2308.6 | 138784 | 114.347 ng/ml |
| Methadone | 5.636 | 1946222 | 160642.5 | 52.9 | 570764.8 | 894363 | 96.020 ng/ml |
| Methamphetamine | 3.180 | 2429702 | 50319.4 | 40.5 | 34839.1 | 1042906 | 106.507 ng/ml |
| Metoprolol | 4.300 | 244977 | ∞ | 98.2 | ∞ | 502856 | 88.843 ng/ml |
| Mirtazapine | 4.600 | 2255358 | 2555370.7 | 46.5 | 1542179.2 | 894363 | 98.316 ng/ml |
| Mitragynine | 5.211 | 371749 | 183745.5 | 33.4 | ∞ | 2830224 | 97.234 ng/ml |
| Morphine | 1.186 | 55698 | 18687.0 | 22.2 | 2790.3 | 8130 | 101.855 ng/ml |
| Norbuprenorphine | 4.971 | 8201 | 9737.2 | 96.0 | 6755.0 | 19098 | 9.145 ng/ml |
| Nordiazepam | 5.868 | 266453 | ∞ | 61.3 | 265687.8 | 97830 | 98.477 ng/ml |
| Norfentanyl | 4.053 | 79700 | 9731.6 | 36.3 | 45735.9 | 971866 | 9.026 ng/ml |
| Noroxycodone | 2.874 | 495928 | ∞ | 46.2 | ∞ | 199638 | 98.940 ng/ml |
| O-desmethyl-tramadol | 3.348 | 2521209 | 200223.3 | 6.5 | 20667.5 | 1427088 | 95.673 ng/ml |
| Oxazepam | 5.731 | 184815 | 4341.8 | 71.3 | ∞ | 74007 | 99.959 ng/ml |
| Oxycodone | 2.796 | 1293759 | ∞ | 29.9 | ∞ | 589322 | 102.435 ng/ml |
| Oxymorphone | 1.354 | 700864 | ∞ | 44.4 | ∞ | 254900 | 98.061 ng/ml |
| Promethazine | 5.522 | 1524324 | 8085036.6 | 38.9 | 28418.9 | 760669 | 98.779 ng/ml |
| Pseudoephedrine | 2.534 | 5877508 | ∞ | 24.2 | ∞ | 2830224 | 96.681 ng/ml |
| Quetiapine | 5.535 | 1112175 | 2049678.1 | 60.9 | 4833386.7 | 175487 | 106.934 ng/ml |
| Sertraline | 5.751 | 148050 | 100802.8 | 99.3 | 27710.4 | 63955 | 102.828 ng/ml |
| Temazepam | 5.793 | 543590 | 23338.0 | 29.0 | 1498.6 | 278272 | 91.550 ng/ml |
| Tramadol | 4.217 | 2599299 | ∞ | 3.6 | 1909.6 | 1346196 | 105.414 ng/ml |
| Trazodone | 5.128 | 1553406 | 106678.2 | 80.8 | 240067.2 | 663700 | 103.788 ng/ml |
| Venlafaxine | 5.015 | 1981346 | 22027613.0 | 37.1 | 69893.5 | 1316410 | 91.466 ng/ml |
| Zolpidem | 4.889 | 2644885 | 2754712.9 | 28.2 | 109232.4 | 1221438 | 104.602 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-C2 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 8:12:39 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.109 | 75946 | ∞ | 133.0 | ∞ | 85568 | 25.800 ng/ml |
| 7-aminoclonazepam | 4.253 | 832188 | 20800.7 | 78.6 | 16161.7 | 115787 | 262.351 ng/ml |
| a-hydroxyalprazolam | 5.672 | 78240 | 941.3 | 61.2 | 1873.3 | 272895 | 221.952 ng/ml |
| alpha-PHP | 4.902 | 2992398 | 189169.2 | 39.4 | 21866.6 | 126573 | 257.342 ng/ml |
| alpha-PVP | 4.332 | 4530496 | 290022.6 | 52.7 | 92054.5 | 766992 | 244.890 ng/ml |
| Alprazolam | 5.751 | 1320784 | 31986.6 | 92.5 | 5287.5 | 185367 | 254.277 ng/ml |
| Amphetamine | 3.001 | 2804502 | 74529.0 | 222.1 | 286139.5 | 524360 | 207.629 ng/ml |
| Benzoylcegonine | 3.866 | 90198 | 2277877.8 | 54.5 | 1431.7 | 13613 | 256.859 ng/ml |
| Buprenorphine | 5.759 | 163134 | 141318.0 | 15.4 | ∞ | 101157 | 25.610 ng/ml |
| Bupropion | 4.757 | 4671666 | 204508.3 | 66.1 | 148061.2 | 789857 | 255.691 ng/ml |
| Carisoprodol | 5.706 | 729607 | 1578468.1 | 60.4 | 13420.1 | 127418 | 253.568 ng/ml |
| Citalopram | 5.196 | 2694812 | 59191.5 | 41.6 | 32157.1 | 485606 | 248.542 ng/ml |
| Clonazepam | 5.589 | 452633 | 148621.9 | 35.7 | 1389841.3 | 35412 | 259.667 ng/ml |
| Clonazepam | 5.546 | 688587 | 251336.3 | 39.3 | ∞ | 35412 | 289.601 ng/ml |
| Cocaine | 4.236 | 2881452 | 525542.9 | 50.2 | ∞ | 1028169 | 246.979 ng/ml |
| Codeine | 2.542 | 347311 | 46835.9 | 95.1 | 73314.7 | 69678 | 248.134 ng/ml |
| Cyclobenzaprine | 5.601 | 2952310 | 61221.9 | 8.0 | 134447.0 | 388129 | 255.017 ng/ml |
| Dextromethorphan | 5.240 | 1805547 | 50832.8 | 75.3 | 40311.8 | 349079 | 248.652 ng/ml |
| Dextrophan | 4.099 | 2912367 | 121229.8 | 45.1 | 179831.2 | 586450 | 240.441 ng/ml |
| Diazepam | 5.919 | 982393 | ∞ | 86.0 | 11079.9 | 195747 | 248.786 ng/ml |
| Dihydrocodeine | 2.500 | 998597 | 4519.3 | 61.2 | 2703.1 | 298923 | 230.272 ng/ml |
| Diphenhydramine | 5.267 | 9090676 | 317594.2 | 31.5 | 256823.0 | 1922790 | 250.670 ng/ml |
| EDDP | 5.234 | 4475536 | 146875.4 | 42.9 | 31693.9 | 928650 | 251.733 ng/ml |
| Etizolam | 5.786 | 752652 | 23495.8 | 24.7 | ∞ | 195747 | 254.328 ng/ml |
| Fentanyl | 5.076 | 381924 | 3352.2 | 119.4 | 1799466.1 | 832908 | 25.142 ng/ml |
| Flualprazolam | 5.682 | 640737 | 3772.8 | 91.0 | ∞ | 185367 | 265.788 ng/ml |
| Fluoxetine | 5.688 | 1652647 | 77586.1 | 7.3 | 147524.3 | 249000 | 251.903 ng/ml |
| Hydrocodone | 2.982 | 1408605 | ∞ | 37.1 | ∞ | 345393 | 245.011 ng/ml |
| Hydromorphone | 1.562 | 1330356 | ∞ | 73.2 | ∞ | 178681 | 250.298 ng/ml |
| Ketamine | 4.022 | 3110122 | 96660.0 | 37.8 | 289043.5 | 624111 | 256.116 ng/ml |
| Lamotrigine | 4.264 | 202815 | 9563.2 | 90.7 | 5814.9 | 181507 | 248.504 ng/ml |
| Levetiracetam | 2.605 | 2486861 | ∞ | 222.5 | 251379.5 | 1028093 | 241.258 ng/ml |
| Lorazepam | 5.724 | 150151 | ∞ | 49.8 | 2927.5 | 47615 | 264.172 ng/ml |

AM #28 Multi-Drug Quant. Results

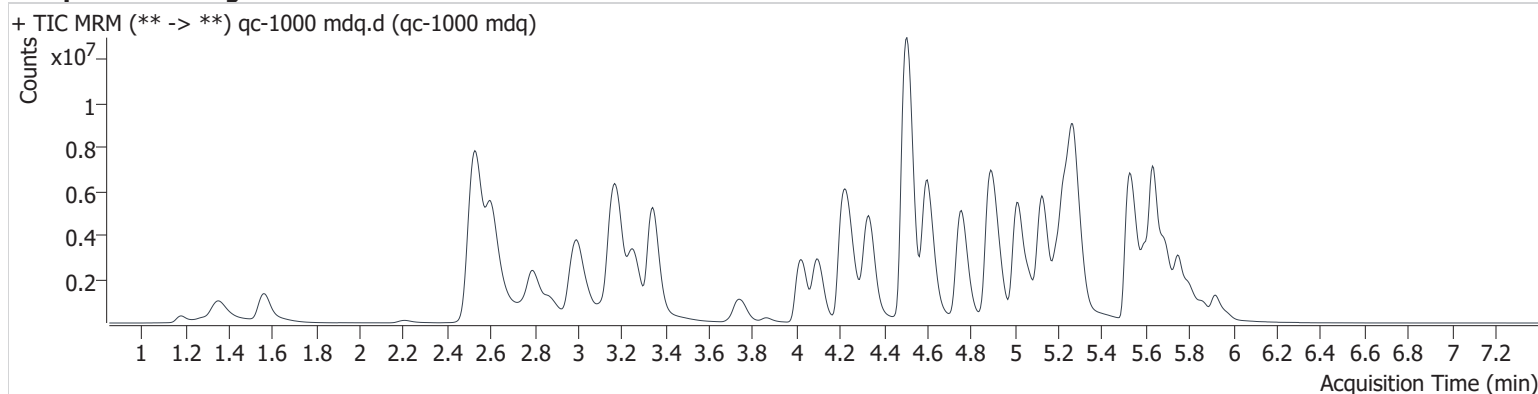
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|-------------|------------|---------------|
| MDA | 3.153 | 2765043 | 49959.7 | 26.8 | 5568.0 | 433429 | 229.221 ng/ml |
| MDMA | 3.256 | 2840371 | 140532.1 | 98.0 | 918564.3 | 126573 | 256.932 ng/ml |
| Meprobamate | 4.887 | 578187 | 10683.2 | 29.2 | 11832.9 | 127418 | 248.904 ng/ml |
| Methadone | 5.636 | 5842441 | 300480.1 | 50.9 | 118953.6 | 1028093 | 250.259 ng/ml |
| Methamphetamine | 3.175 | 6202574 | 130152.4 | 39.3 | 203123.2 | 1245580 | 233.575 ng/ml |
| Metoprolol | 4.294 | 620369 | 234901.5 | 99.0 | ∞ | 433429 | 259.522 ng/ml |
| Mirtazapine | 4.600 | 6741381 | ∞ | 46.6 | 496850.7 | 1028093 | 255.473 ng/ml |
| Mitragynine | 5.205 | 970590 | 162520.3 | 35.0 | 18708.6 | 2692505 | 267.000 ng/ml |
| Morphine | 1.181 | 143002 | ∞ | 22.0 | 4280.7 | 8092 | 261.760 ng/ml |
| Norbuprenorphine | 4.971 | 27079 | ∞ | 96.2 | 49002.2 | 23626 | 24.589 ng/ml |
| Nordiazepam | 5.868 | 662071 | ∞ | 62.0 | ∞ | 98466 | 243.603 ng/ml |
| Norfentanyl | 4.053 | 215329 | 9489.5 | 36.9 | ∞ | 940803 | 25.177 ng/ml |
| Noroxycodone | 2.869 | 1164077 | ∞ | 45.5 | ∞ | 181507 | 255.191 ng/ml |
| O-desmethyl-tramadol | 3.345 | 7238734 | 289841.5 | 6.3 | 35901.3 | 1600012 | 245.005 ng/ml |
| Oxazepam | 5.726 | 303612 | 2564.2 | 72.7 | 8863.7 | 47615 | 255.421 ng/ml |
| Oxycodone | 2.791 | 3744124 | ∞ | 29.9 | ∞ | 699781 | 249.956 ng/ml |
| Oxymorphone | 1.349 | 1873114 | ∞ | 44.6 | ∞ | 268846 | 248.764 ng/ml |
| Promethazine | 5.522 | 4645170 | 281496.0 | 38.6 | 576091.9 | 909300 | 251.545 ng/ml |
| Pseudoephedrine | 2.529 | 14768319 | ∞ | 24.0 | ∞ | 2692505 | 254.960 ng/ml |
| Quetiapine | 5.530 | 2999817 | ∞ | 61.2 | 3381565.8 | 203572 | 249.220 ng/ml |
| Sertraline | 5.751 | 473524 | 1584721.8 | 99.5 | 464144.7 | 82679 | 254.290 ng/ml |
| Temazepam | 5.793 | 1414142 | 1248631.5 | 28.1 | 11214.3 | 272895 | 241.463 ng/ml |
| Tramadol | 4.212 | 7056702 | 478111.0 | 3.5 | 7699.7 | 1567770 | 246.770 ng/ml |
| Trazodone | 5.123 | 4713072 | 10605340.6 | 79.7 | 227356861.6 | 828272 | 253.211 ng/ml |
| Venlafaxine | 5.015 | 5850680 | 270773.0 | 36.9 | 161160.9 | 1490170 | 235.688 ng/ml |
| Zolpidem | 4.893 | 7250790 | 134205.1 | 28.8 | 169734.1 | 1416080 | 247.986 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-D2 **Comment**
Injection Volume 3
Acq. Date-Time 3/16/2022 8:21:41 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|-----------------------|--------------|----------------|----------------|--------------|------------------|---------------|--------------------------|
| 6-MAM | 3.109 | 192418 | 21782.8 | 137.1 | 97482.7 | 58492 | 95.724 ng/ml |
| 7-aminoclonazepam | 4.258 | 997575 | 32807.4 | 80.7 | 19880.7 | 37380 | 973.941 ng/ml |
| a-hydroxyalprazolam | 5.666 | 107289 | 767.0 | 56.5 | 947.1 | 90052 | 925.490 ng/ml |
| alpha-PHP | 4.907 | 5911360 | 149754.5 | 39.3 | 28118.0 | 66562 | 967.316 ng/ml |
| alpha-PVP | 4.332 | 10508983 | 662291.4 | 52.4 | 1125106.8 | 429258 | 1014.786 ng/ml |
| Alprazolam | 5.751 | 2305119 | 21450.9 | 93.6 | 6860.8 | 86387 | 954.219 ng/ml |
| Amphetamine | 3.001 | 4674327 | 52289.9 | 219.1 | 2244000.2 | 337899 | 539.828 ng/ml ocr |
| Benzoylcegonine | 3.860 | 289157 | 26154.0 | 55.4 | 5916.6 | 10772 | 1042.481 ng/ml |
| Buprenorphine | 5.759 | 333048 | ∞ | 15.5 | ∞ | 51927 | 101.895 ng/ml |
| Bupropion | 4.757 | 11309402 | 769098.2 | 64.5 | 342052.3 | 473896 | 1032.110 ng/ml |
| Carisoprodol | 5.706 | 1062283 | 3706831.4 | 60.4 | 39692.7 | 45639 | 1030.115 ng/ml |
| Citalopram | 5.191 | 4909164 | 88114.3 | 42.0 | 100407.4 | 207032 | 1062.066 ng/ml |
| Clonazepam | 5.589 | 497956 | 36587.8 | 36.0 | 17902.2 | 11379 | 890.670 ng/ml |
| Clonazepam | 5.551 | 797445 | 336301.7 | 38.9 | 43604.0 | 11379 | 1044.795 ng/ml |
| Cocaine | 4.238 | 5641535 | 209360.1 | 49.5 | 166541.1 | 497938 | 998.509 ng/ml |
| Codeine | 2.542 | 651465 | 23233.2 | 96.3 | 27132.3 | 35922 | 905.620 ng/ml |
| Cyclobenzaprine | 5.601 | 6352337 | 296617.8 | 7.8 | 1452109.8 | 212562 | 1002.301 ng/ml |
| Dextromethorphan | 5.240 | 3279552 | 59839.8 | 74.8 | 134150.1 | 156985 | 1003.931 ng/ml |
| Dextrophan | 4.099 | 6829105 | 792120.2 | 44.1 | 832286.3 | 322063 | 1023.779 ng/ml |
| Diazepam | 5.919 | 2148850 | ∞ | 86.7 | ∞ | 109098 | 976.672 ng/ml |
| Dihydrocodeine | 2.495 | 2252601 | 10925.9 | 61.4 | 1315.3 | 210176 | 741.173 ng/ml ocr |
| Diphenhydramine | 5.272 | 18300884 | 102019.7 | 31.4 | 135681.7 | 922623 | 1050.516 ng/ml |
| EDDP | 5.235 | 10458087 | 221533.3 | 41.6 | ∞ | 513950 | 1062.335 ng/ml |
| Etizolam | 5.786 | 1573654 | 20955.3 | 25.0 | 7483.4 | 109098 | 955.749 ng/ml |
| Fentanyl | 5.076 | 1063431 | 123351.5 | 120.9 | 16167225.0 | 548029 | 106.199 ng/ml |
| Flualprazolam | 5.682 | 1047000 | 18967.3 | 90.1 | 4931.5 | 86387 | 932.659 ng/ml |
| Fluoxetine | 5.688 | 3600523 | 202802.6 | 7.3 | 186108.1 | 129576 | 1054.560 ng/ml |
| Hydrocodone | 2.982 | 3372444 | 6971.5 | 39.0 | 2429425362 | 221166 | 919.395 ng/ml |
| | | | | | 15707.0 | | |
| Hydromorphone | 1.562 | 3577911 | ∞ | 73.1 | ∞ | 117010 | 1027.303 ng/ml |
| Ketamine | 4.022 | 7056765 | 8504494.5 | 36.7 | 353666.7 | 368947 | 984.142 ng/ml |
| Lamotrigine | 4.264 | 285000 | 17742.8 | 93.8 | 24567.6 | 91247 | 695.688 ng/ml ocr |
| Levetiracetam | 2.605 | 5126554 | 999121.7 | 222.8 | ∞ | 578869 | 886.155 ng/ml |

AM #28 Multi-Drug Quant. Results

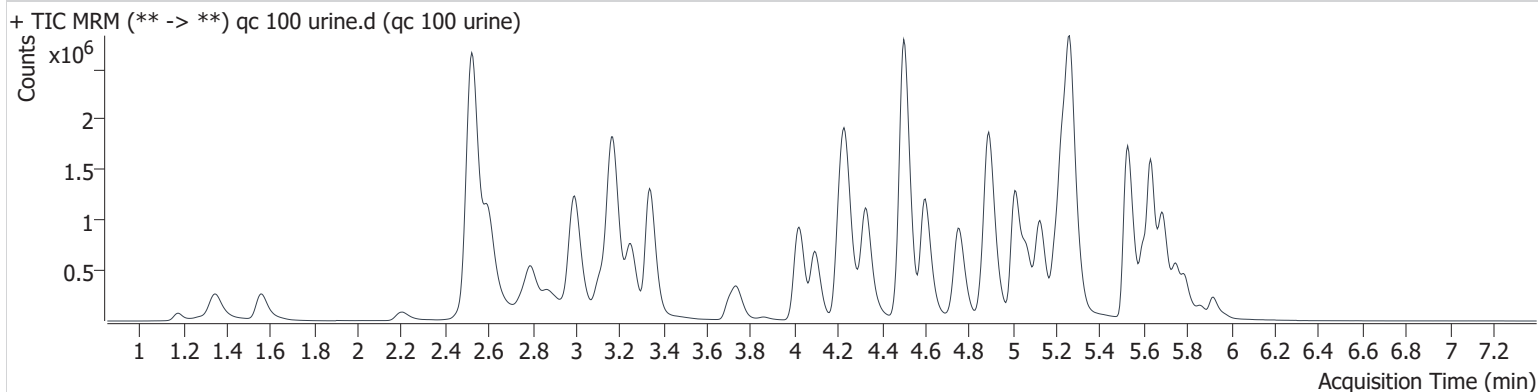
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. | |
|----------------------|-------|----------|-----------|-------|-----------|------------|-------------|-----------|
| Lorazepam | 5.724 | 200397 | ∞ | 50.7 | 2499.5 | 11219 | 1496.026 | ng/ml ocr |
| MDA | 3.143 | 3872412 | 125917.2 | 27.3 | 9306.2 | 193425 | 721.503 | ng/ml ocr |
| MDMA | 3.256 | 5846352 | 904417.7 | 97.0 | 478096.9 | 66562 | 1006.374 | ng/ml |
| Meprobamate | 4.876 | 692994 | 568427.9 | 28.9 | 4132.9 | 45639 | 834.707 | ng/ml |
| Methadone | 5.636 | 14167641 | 853778.0 | 48.5 | 121277.7 | 578869 | 1076.809 | ng/ml |
| Methamphetamine | 3.174 | 13207577 | 182720.4 | 38.4 | 143630.3 | 890511 | 705.986 | ng/ml ocr |
| Metoprolol | 4.294 | 1115997 | 99886.7 | 96.8 | ∞ | 193425 | 1043.803 | ng/ml |
| Mirtazapine | 4.602 | 15711625 | 442619.4 | 46.3 | 392706.3 | 578869 | 1057.136 | ng/ml |
| Mitragynine | 5.205 | 1816711 | 40173.3 | 36.3 | 7399560.3 | 1396491 | 963.783 | ng/ml |
| Morphine | 1.181 | 449665 | ∞ | 21.3 | 5347.4 | 6727 | 988.354 | ng/ml |
| Norbuprenorphine | 4.971 | 65987 | 332197.6 | 95.4 | 66002.9 | 14212 | 99.935 | ng/ml |
| Nordiazepam | 5.868 | 1115283 | 280202.3 | 60.7 | ∞ | 40945 | 987.865 | ng/ml |
| Norfentanyl | 4.053 | 483580 | 76696.5 | 36.7 | ∞ | 445143 | 119.469 | ng/ml |
| Noroxycodone | 2.869 | 2407449 | ∞ | 44.8 | ∞ | 91247 | 1049.337 | ng/ml |
| O-desmethyl-tramadol | 3.343 | 17719752 | 491223.2 | 6.1 | 78859.4 | 949501 | 1010.649 | ng/ml |
| Oxazepam | 5.726 | 287471 | ∞ | 73.5 | 12165.1 | 11219 | 1026.744 | ng/ml |
| Oxycodone | 2.792 | 9295927 | ∞ | 29.3 | ∞ | 448740 | 968.380 | ng/ml |
| Oxymorphone | 1.354 | 4608569 | ∞ | 44.0 | ∞ | 174615 | 942.866 | ng/ml |
| Promethazine | 5.522 | 12042831 | ∞ | 35.7 | 1783631.2 | 544715 | 1088.057 | ng/ml |
| Pseudoephedrine | 2.529 | 30579806 | ∞ | 23.4 | ∞ | 1396491 | 1017.153 | ng/ml |
| Quetiapine | 5.535 | 5615566 | 2000147.8 | 62.6 | ∞ | 115186 | 825.532 | ng/ml |
| Sertraline | 5.751 | 1237759 | 109628.9 | 99.5 | 291923.3 | 55634 | 987.600 | ng/ml |
| Temazepam | 5.799 | 1934701 | ∞ | 29.2 | 5462.4 | 90052 | 998.426 | ng/ml |
| Tramadol | 4.212 | 14840648 | 251494.1 | 3.3 | 12544.1 | 855170 | 953.643 | ng/ml |
| Trazodone | 5.123 | 11407010 | 266183.8 | 79.4 | 398539.9 | 548001 | 927.916 | ng/ml |
| Venlafaxine | 5.010 | 14541809 | 368996.3 | 35.3 | 132599.7 | 847709 | 1023.678 | ng/ml |
| Zolpidem | 4.884 | 15981845 | 1384322.4 | 28.3 | 121762.0 | 868616 | 892.326 | ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 AM

| | | | |
|-------------------------|----------------------|------------------|----------------|
| Instrument | 69679 | Data File | qc 100 urine.d |
| Type | Sample | Sample | qc 100 urine |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-E2 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 8:39:39 PM | | |
| Sample Info. | | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|----------|-------|-----------------------|------------|---------------|
| 6-MAM | 3.109 | 29334 | 2496.9 | 130.2 | ∞ | 81132 | 10.489 ng/ml |
| 7-aminoclonazepam | 4.248 | 468851 | ∞ | 76.0 | 4328065561 41597.0 | 168272 | 101.752 ng/ml |
| a-hydroxyalprazolam | 5.672 | 28569 | 3472.0 | 62.2 | ∞ | 150860 | 146.264 ng/ml |
| alpha-PHP | 4.902 | 1157019 | 174007.4 | 40.4 | 14449.0 | 127425 | 98.702 ng/ml |
| alpha-PVP | 4.332 | 1702282 | 33744.7 | 53.4 | 28822.0 | 742406 | 95.100 ng/ml |
| Alprazolam | 5.751 | 334632 | 5659.6 | 94.8 | 2705.4 | 117796 | 100.948 ng/ml |
| Amphetamine | 2.996 | 1268042 | 26752.0 | 213.5 | 35339.5 | 478873 | 101.903 ng/ml |
| Benzoylcegonine | 3.860 | 35150 | 2615.0 | 55.2 | 320.4 | 13202 | 102.842 ng/ml |
| Buprenorphine | 5.759 | 41482 | 25099.5 | 15.7 | 8410.1 | 71561 | 9.196 ng/ml |
| Bupropion | 4.757 | 1582662 | 179701.3 | 66.7 | 6126.2 | 659027 | 103.737 ng/ml |
| Carisoprodol | 5.706 | 244727 | 843586.9 | 62.0 | 17761.3 | 115582 | 93.887 ng/ml |
| Citalopram | 5.196 | 1123219 | 19769.4 | 41.6 | 9880.4 | 512585 | 98.130 ng/ml |
| Clonazepam | 5.594 | 112651 | 5626.0 | 36.6 | 48594.0 | 22809 | 99.916 ng/ml |
| Clonazolam | 5.540 | 146249 | 7225.1 | 39.8 | 47728.7 | 22809 | 95.224 ng/ml |
| Cocaine | 4.231 | 1162270 | 96079.1 | 49.8 | 180265.4 | 1025060 | 99.916 ng/ml |
| Codeine | 2.537 | 173076 | 13901.8 | 93.8 | 15892.3 | 78007 | 109.861 ng/ml |
| Cyclobenzaprine | 5.601 | 1205264 | 19514.8 | 8.4 | ∞ | 407461 | 99.089 ng/ml |
| Dextromethorphan | 5.234 | 817763 | 21100.5 | 74.2 | ∞ | 391477 | 100.494 ng/ml |
| Dextrorphan | 4.099 | 1071334 | 42605.0 | 45.0 | 70762.6 | 559136 | 93.306 ng/ml |
| Diazepam | 5.919 | 267371 | 6086.3 | 88.4 | ∞ | 131353 | 100.847 ng/ml |
| Dihydrocodeine | 2.500 | 437906 | 1281.7 | 62.1 | 3842.4 | 292452 | 102.614 ng/ml |
| Diphenhydramine | 5.267 | 3523095 | 36725.5 | 32.8 | 43788.1 | 1992880 | 93.960 ng/ml |
| EDDP | 5.229 | 1715538 | 60155.5 | 42.7 | 15728.2 | 916433 | 97.880 ng/ml |
| Etizolam | 5.786 | 228523 | ∞ | 25.2 | ∞ | 131353 | 114.744 ng/ml |
| Fentanyl | 5.076 | 134808 | 17655.0 | 117.3 | 121268.0 | 740540 | 10.018 ng/ml |
| Flualprazolam | 5.682 | 231622 | 15925.8 | 95.1 | 3584.6 | 117796 | 151.071 ng/ml |
| Fluoxetine | 5.688 | 925679 | 25996.1 | 7.4 | 29512.9 | 361663 | 97.151 ng/ml |
| Hydrocodone | 2.982 | 590410 | ∞ | 36.3 | ∞ | 337523 | 104.400 ng/ml |
| Hydromorphone | 1.562 | 526690 | ∞ | 76.6 | ∞ | 174893 | 101.364 ng/ml |
| Ketamine | 4.022 | 1200452 | 65873.7 | 38.0 | 8609.5 | 592406 | 103.912 ng/ml |
| Lamotrigine | 4.259 | 99016 | 3703.0 | 91.5 | 6762.9 | 206873 | 106.109 ng/ml |
| Levetiracetam | 2.600 | 942750 | 17286.7 | 222.0 | 37771.1 | 958121 | 97.502 ng/ml |

AM #28 Multi-Drug Quant. Results

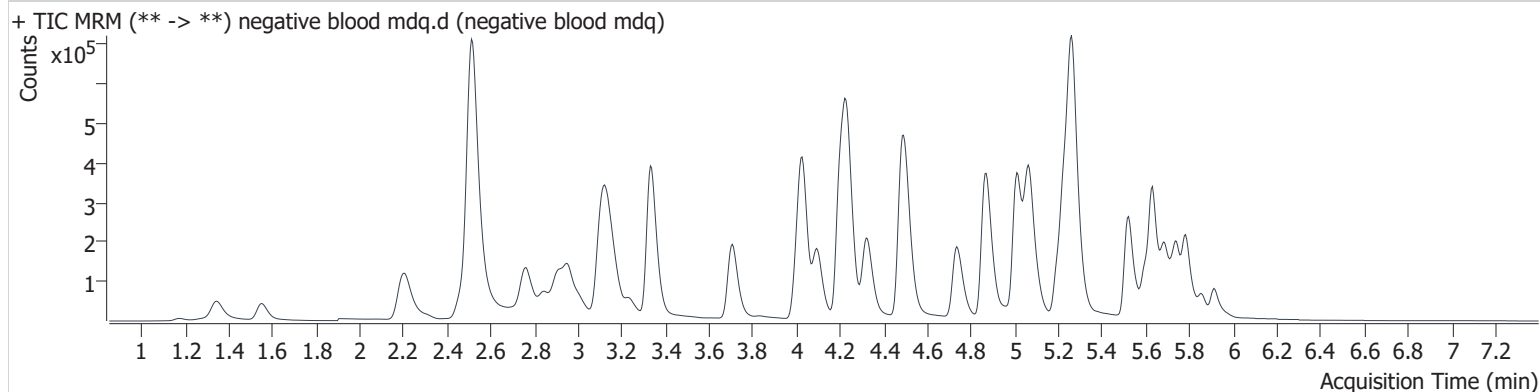
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|----------|-------|-----------|------------|---------------|
| Lorazepam | 5.719 | 37397 | ∞ | 47.6 | 1146.4 | 26347 | 118.943 ng/ml |
| MDA | 3.158 | 1502421 | 19468.1 | 28.5 | 2299.4 | 497751 | 107.924 ng/ml |
| MDMA | 3.250 | 1123502 | 58375.2 | 97.1 | 34302.0 | 127425 | 100.799 ng/ml |
| Meprobamate | 4.887 | 257175 | 9978.8 | 29.5 | 2317.1 | 115582 | 121.655 ng/ml |
| Methadone | 5.636 | 2061245 | 791826.4 | 52.4 | 24629.9 | 958121 | 94.931 ng/ml |
| Methamphetamine | 3.175 | 2449310 | 19214.1 | 40.0 | 35586.8 | 1084768 | 103.062 ng/ml |
| Metoprolol | 4.294 | 260154 | 59404.8 | 99.2 | ∞ | 497751 | 95.259 ng/ml |
| Mirtazapine | 4.600 | 2633998 | ∞ | 47.6 | 26807.6 | 958121 | 107.171 ng/ml |
| Mitragynine | 5.211 | 461709 | 39499.1 | 32.9 | 240079.9 | 2984227 | 114.547 ng/ml |
| Morphine | 1.181 | 82960 | ∞ | 22.5 | 13104.3 | 12947 | 95.309 ng/ml |
| Norbuprenorphine | 4.971 | 9290 | 9137.5 | 97.2 | 21650.7 | 19031 | 10.411 ng/ml |
| Nordiazepam | 5.868 | 141315 | 103772.5 | 62.5 | 14742.8 | 47942 | 106.602 ng/ml |
| Norfentanyl | 4.048 | 82083 | 2820.6 | 37.8 | 1554144.0 | 1011222 | 8.935 ng/ml |
| Noroxycodone | 2.869 | 508244 | ∞ | 47.0 | ∞ | 206873 | 97.853 ng/ml |
| O-desmethyl-tramadol | 3.343 | 2656188 | 87765.5 | 6.5 | 13690.0 | 1512899 | 95.078 ng/ml |
| Oxazepam | 5.721 | 55153 | ∞ | 66.9 | 289.2 | 26347 | 83.772 ng/ml |
| Oxycodone | 2.791 | 1505839 | ∞ | 29.6 | ∞ | 685401 | 102.514 ng/ml |
| Oxymorphone | 1.349 | 786395 | ∞ | 44.4 | ∞ | 285573 | 98.210 ng/ml |
| Promethazine | 5.522 | 1933998 | 106354.5 | 37.4 | 16699.7 | 942944 | 101.096 ng/ml |
| Pseudoephedrine | 2.529 | 6189263 | ∞ | 24.3 | 22282.5 | 2984227 | 96.556 ng/ml |
| Quetiapine | 5.530 | 1167340 | ∞ | 62.0 | ∞ | 193018 | 102.024 ng/ml |
| Sertraline | 5.751 | 224683 | 100717.2 | 95.4 | 27964.5 | 99958 | 99.848 ng/ml |
| Temazepam | 5.788 | 309816 | 4994.2 | 30.4 | 912.5 | 150860 | 96.204 ng/ml |
| Tramadol | 4.217 | 2669746 | 67581.6 | 3.6 | 1815.5 | 1426510 | 102.151 ng/ml |
| Trazodone | 5.123 | 1733474 | 39855.7 | 80.2 | ∞ | 734269 | 104.693 ng/ml |
| Venlafaxine | 5.010 | 2149117 | 64959.8 | 36.9 | 25307.4 | 1401880 | 93.128 ng/ml |
| Zolpidem | 4.889 | 2933588 | 122557.1 | 28.4 | 34118.9 | 1350449 | 104.937 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-D5 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 8:48:41 PM | | |
| Sample Info. | | | |

Sample Chromatogram

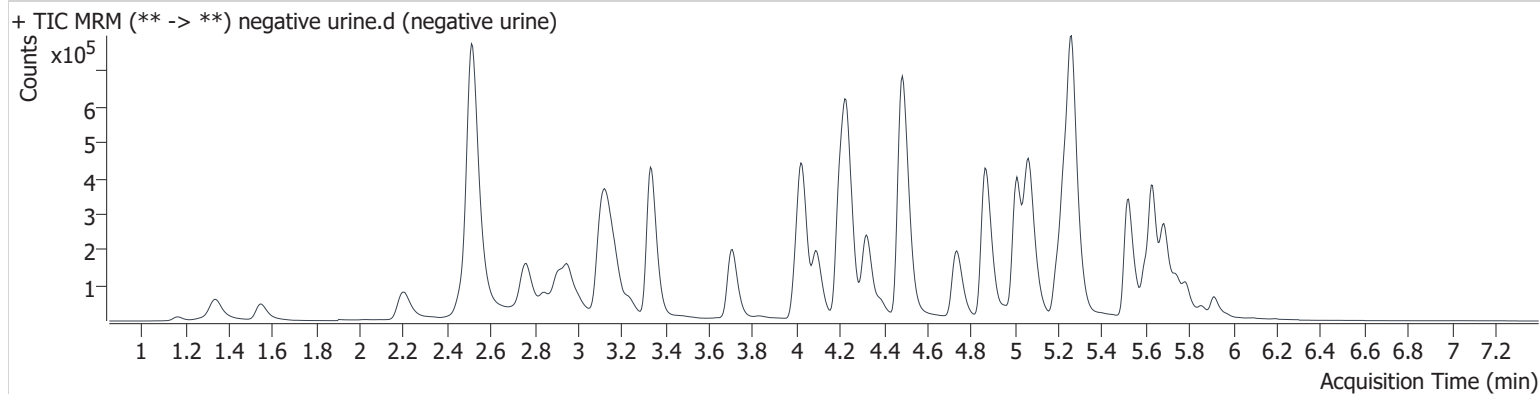


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 AM

| | | | |
|-------------------------|----------------------|------------------|------------------|
| Instrument | 69679 | Data File | negative urine.d |
| Type | Sample | Sample | negative urine |
| Acq. Method | mdqp1 1-21-21long.m | Operator | Anne Nord |
| Sample Position | P2-H5 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 9:15:47 PM | | |
| Sample Info. | | | |

Sample Chromatogram

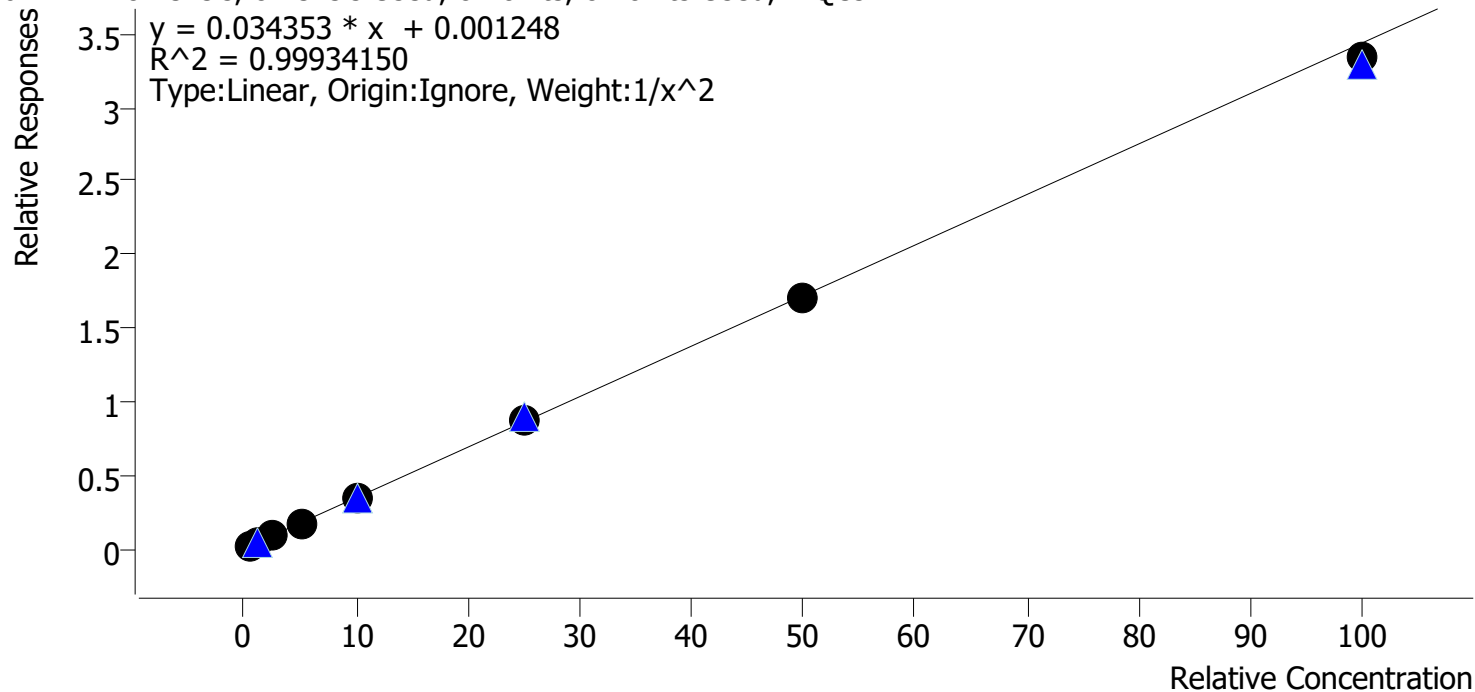


Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 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



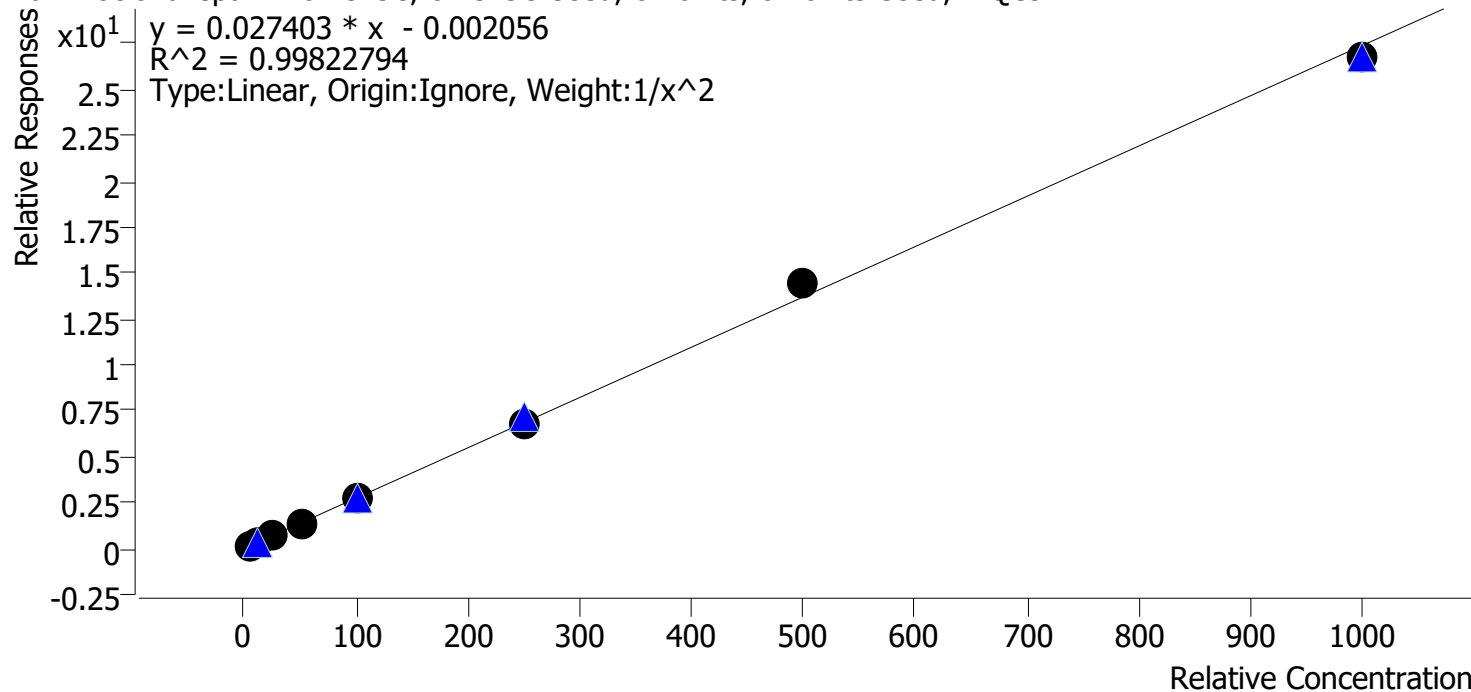
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 98.4 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 103.7 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 98.6 |
| cal 4 mdq | 4 | ✓ | 5.0 | 5.0 | 99.4 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.1 | 101.1 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.6 | 102.5 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.6 | 99.2 |
| cal 8 mdq | 8 | ✓ | 100.0 | 97.1 | 97.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.4 | 93.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.6 | 99.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.2 | 99.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 530.6 | 106.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 976.0 | 97.6 |

Compound Calibration Report

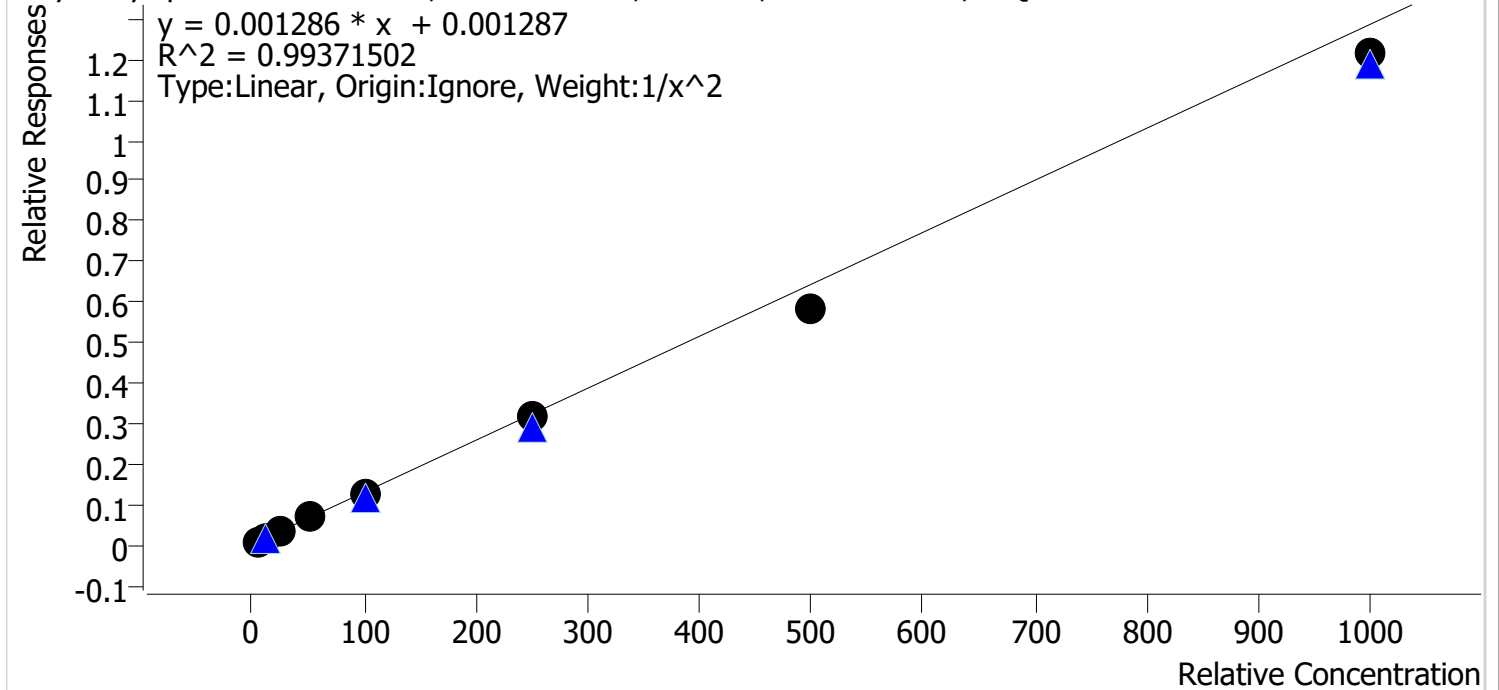


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam

Internal Standard

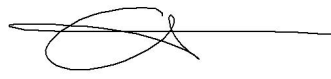
Temazepam-D5

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

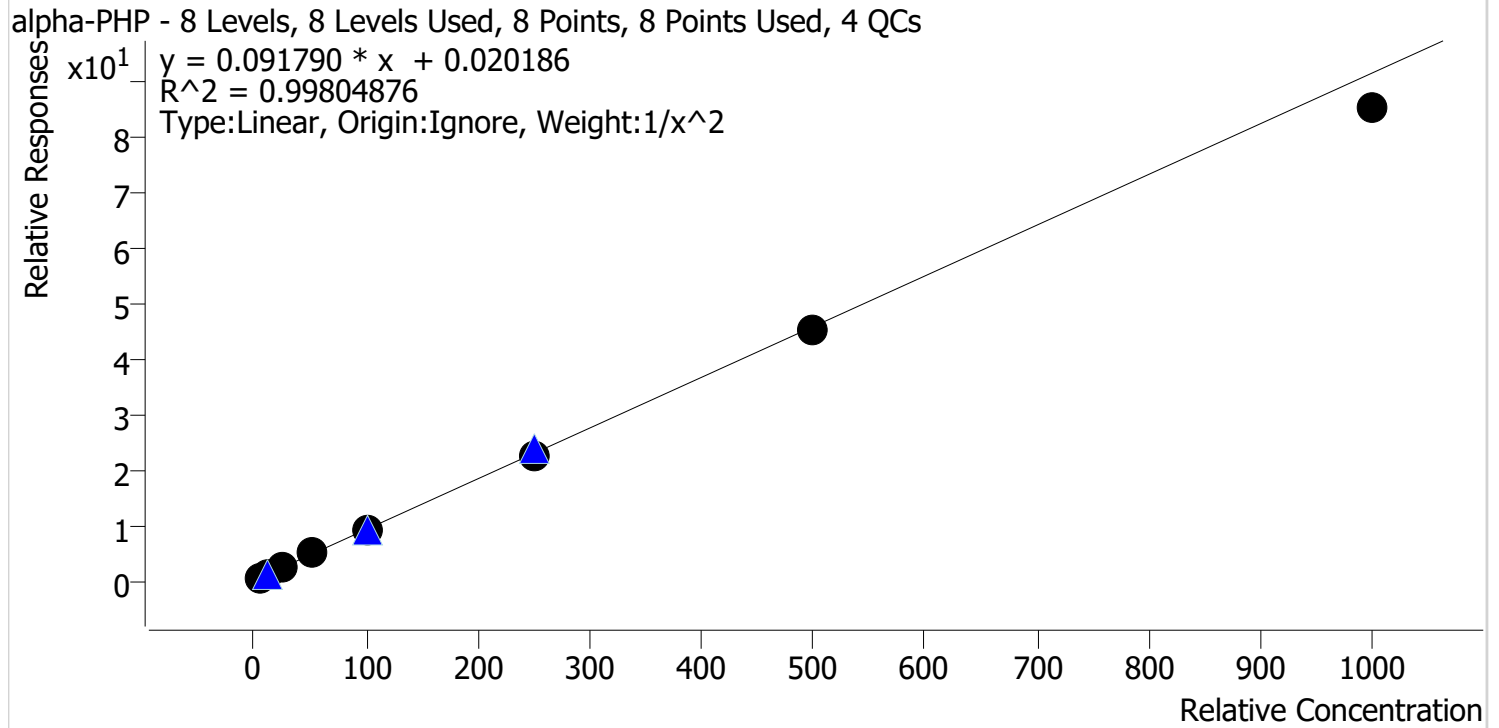


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 103.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.7 | 111.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.0 | 108.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.4 | 98.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.4 | 98.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 454.3 | 90.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 943.7 | 94.4 |

Compound Calibration Report

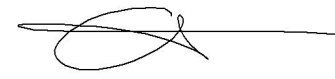


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** MDMA-D6

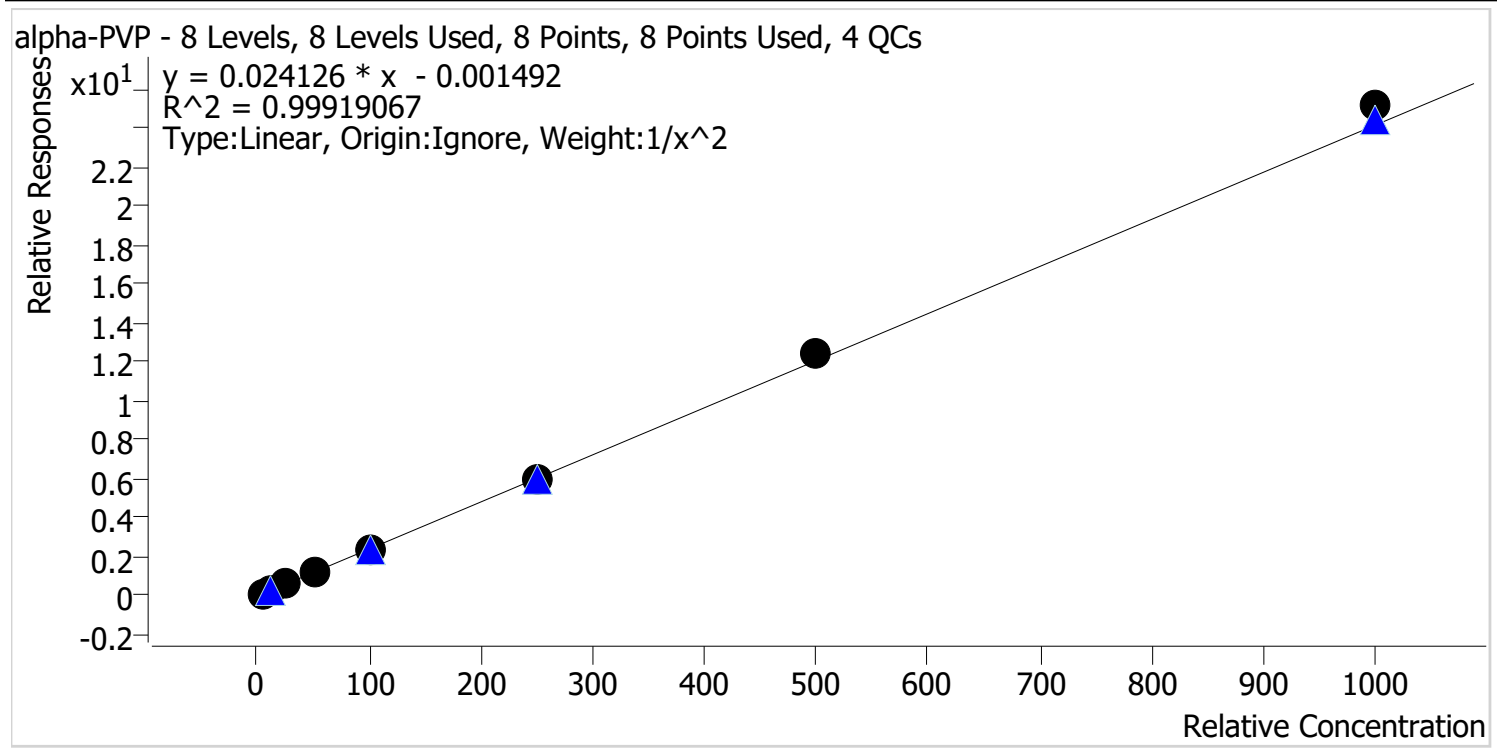


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.1 | 104.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.9 | 103.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.6 | 101.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.5 | 98.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 495.3 | 99.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 929.4 | 92.9 |

Compound Calibration Report

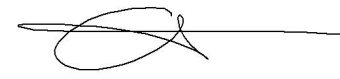


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



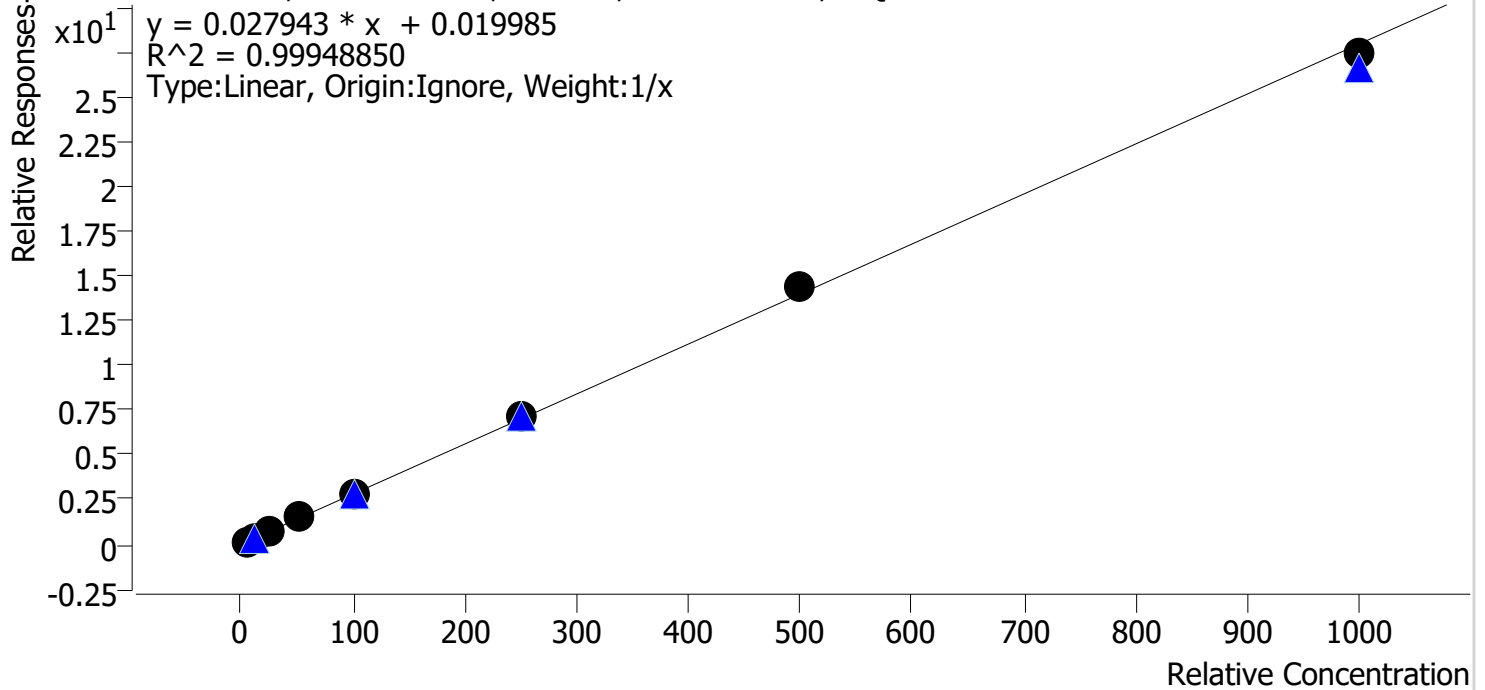
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.7 | 98.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.2 | 98.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.8 | 96.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.0 | 99.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 512.8 | 102.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1041.6 | 104.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

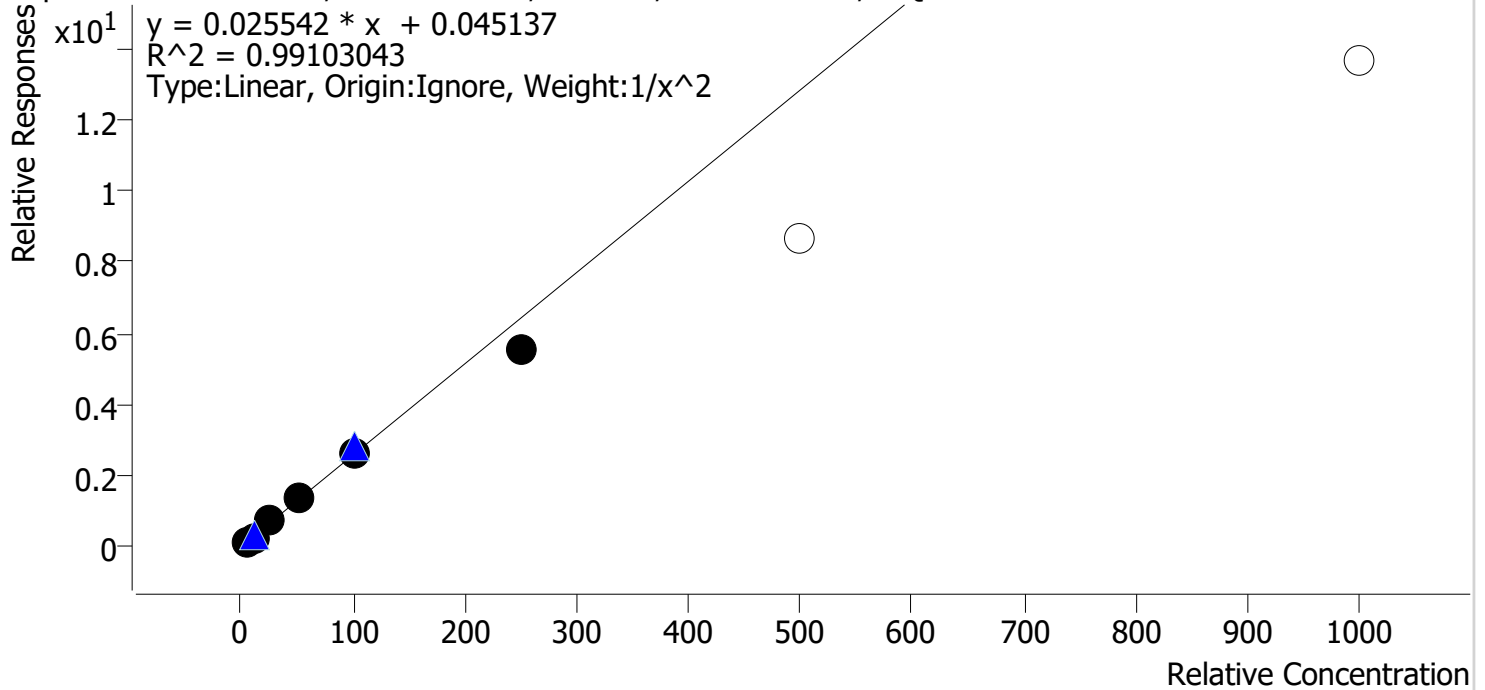


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.5 | 89.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.7 | 103.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.5 | 103.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.2 | 101.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.4 | 101.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 513.7 | 102.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 980.8 | 98.1 |

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

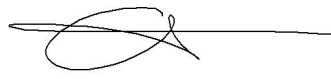
Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.6 | 110.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.6 | 103.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.4 | 101.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 217.3 | 86.9 |
| cal 7 mdq | 7 | ✗ | 500.0 | 336.2 | 67.2 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 530.7 | 53.1 |

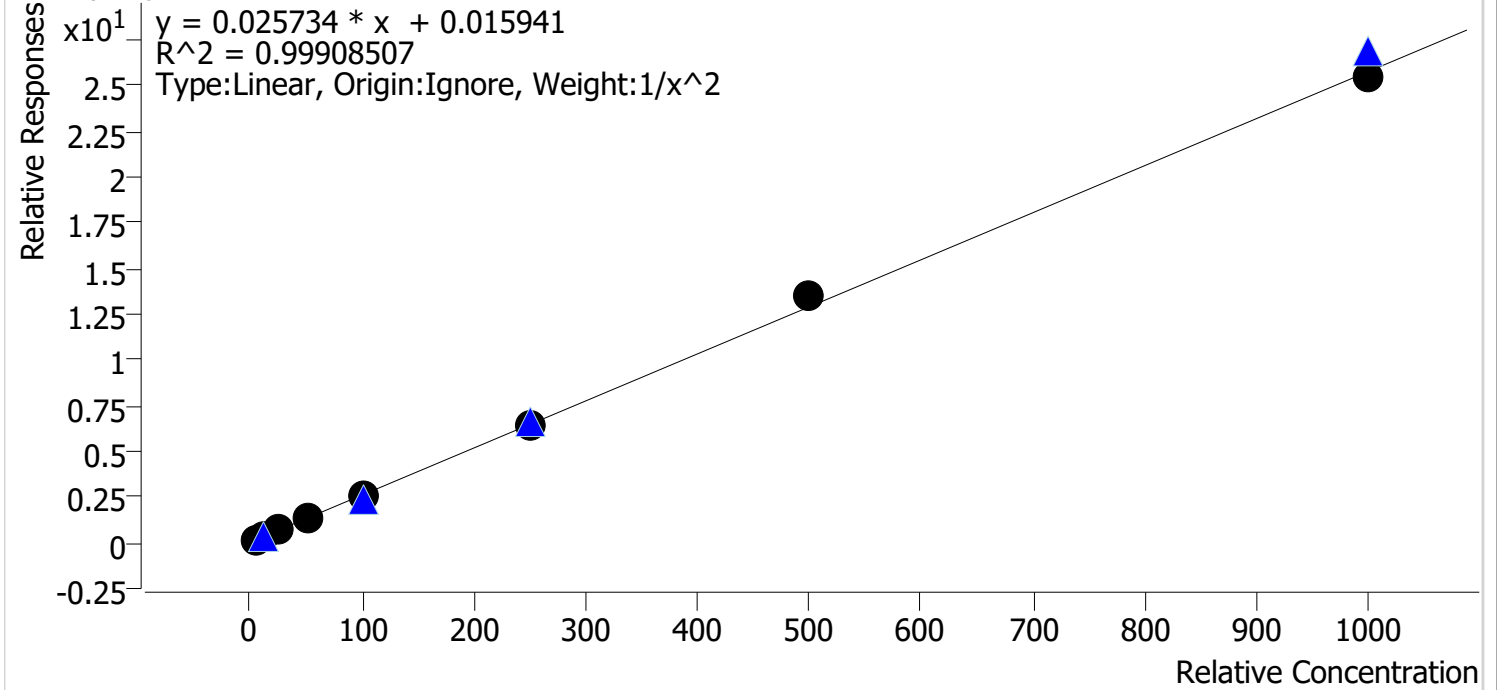
dropped cal 7 and 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



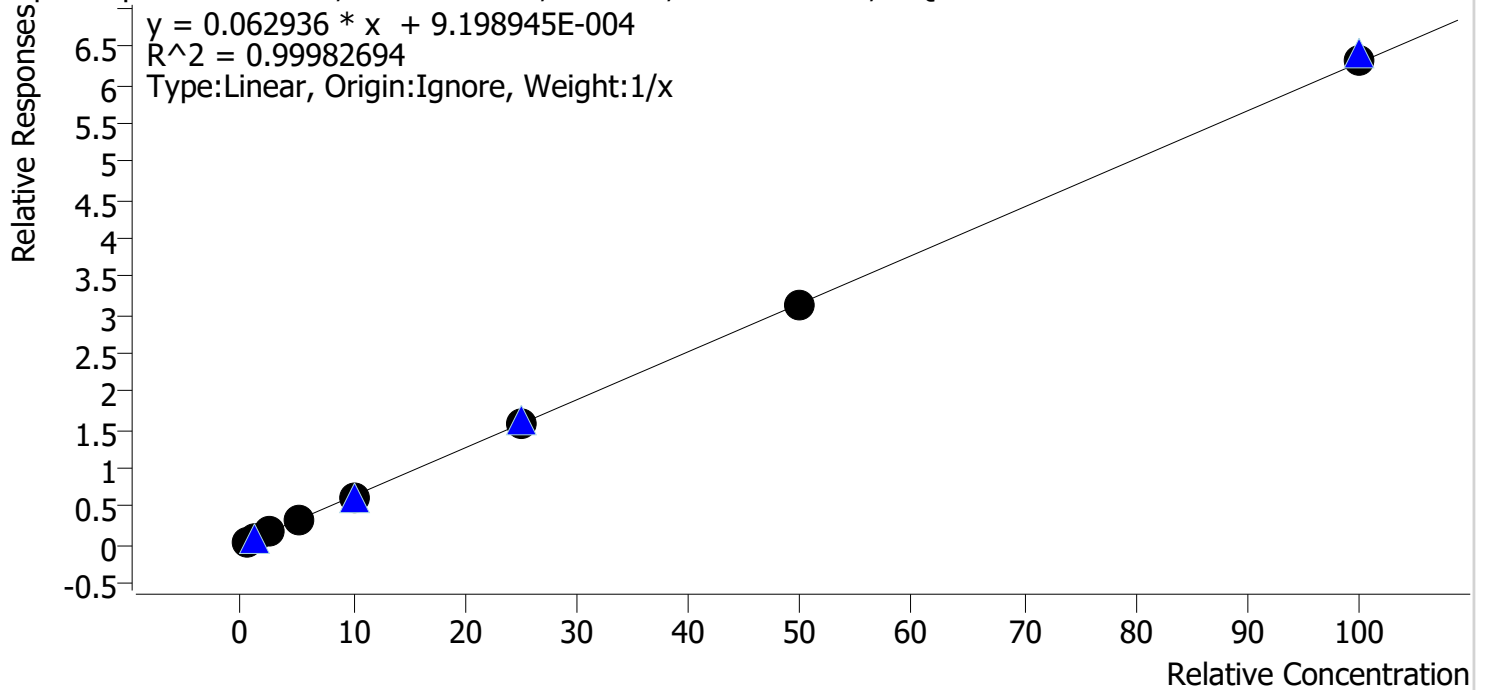
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.1 | 96.5 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.3 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.2 | 101.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.4 | 98.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 521.9 | 104.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 990.4 | 99.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



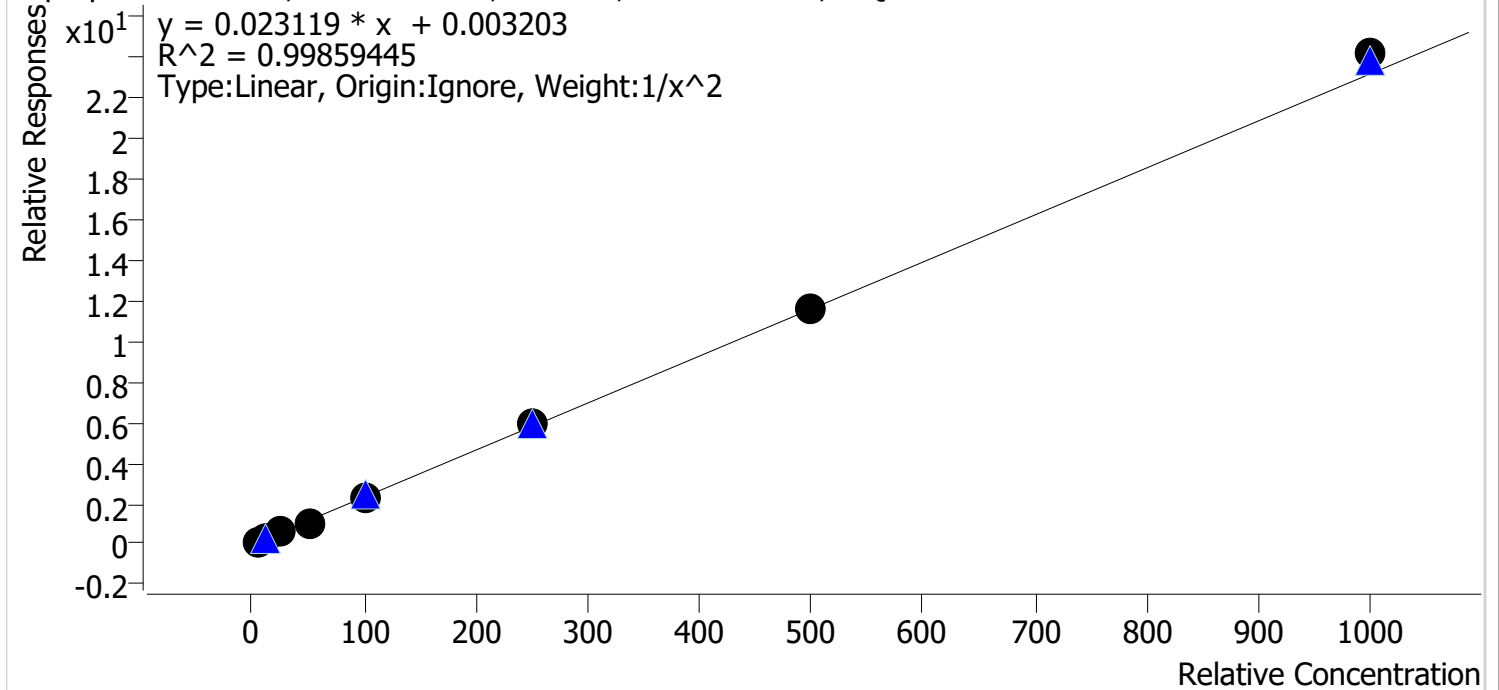
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 104.0 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 102.3 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 99.8 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.7 | 93.7 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.9 | 99.2 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.3 | 101.4 |
| cal 7 mdq | 7 | ✓ | 50.0 | 49.6 | 99.3 |
| cal 8 mdq | 8 | ✓ | 100.0 | 100.4 | 100.4 |

Compound Calibration Report



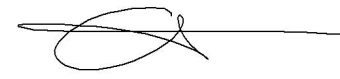
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.6 | 96.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.1 | 94.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.0 | 100.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 255.5 | 102.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.5 | 100.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1043.2 | 104.3 |

Compound Calibration Report

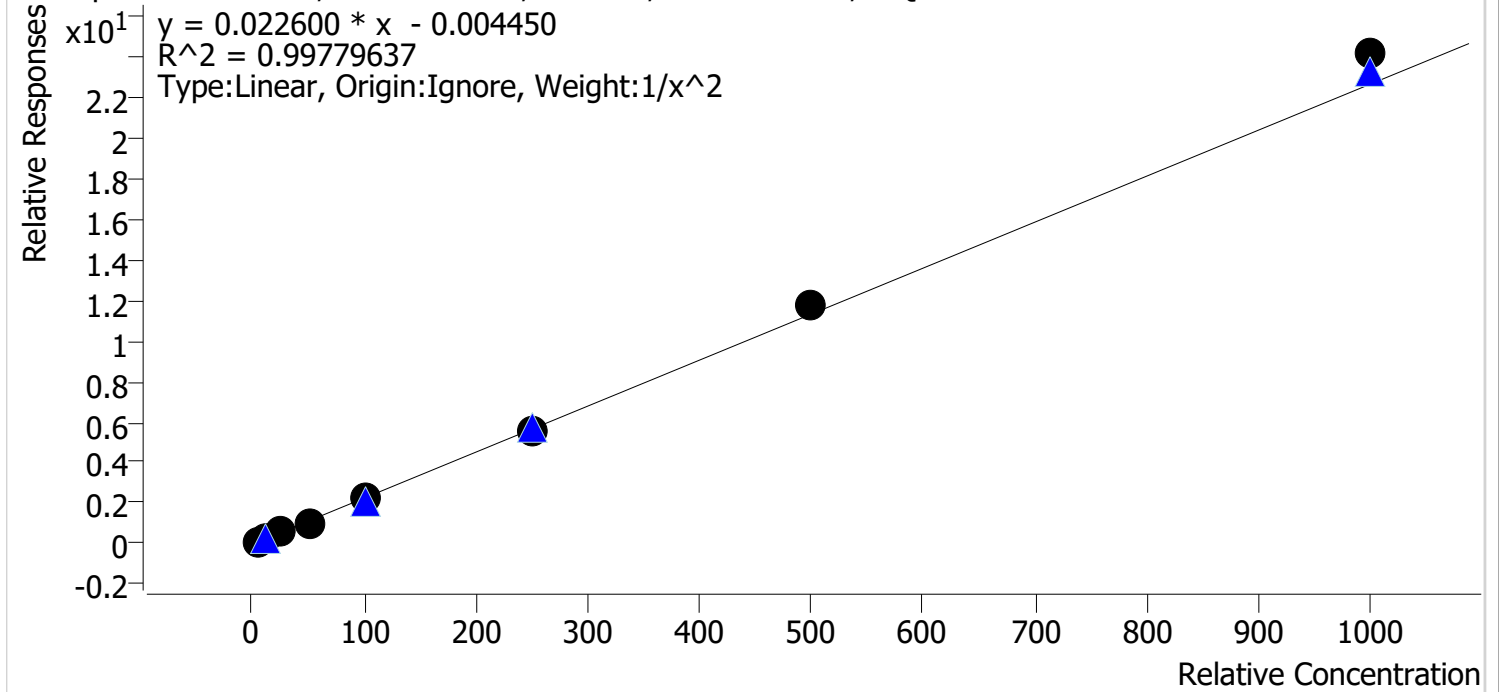


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Carisoprodol

Internal Standard

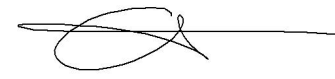
Carisoprodol-D7

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



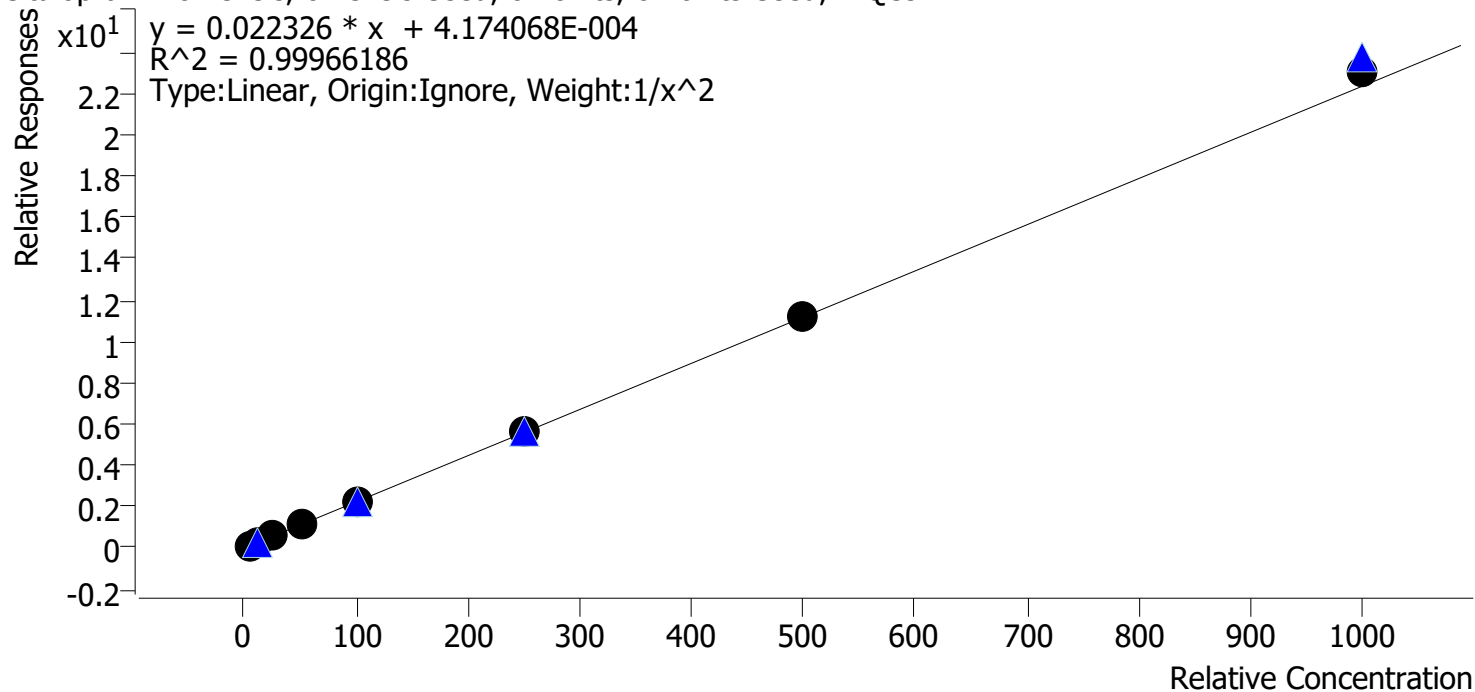
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.6 | 95.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.5 | 98.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.2 | 98.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 245.1 | 98.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 521.2 | 104.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1066.5 | 106.7 |

Compound Calibration Report



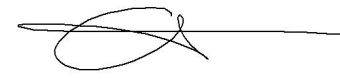
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



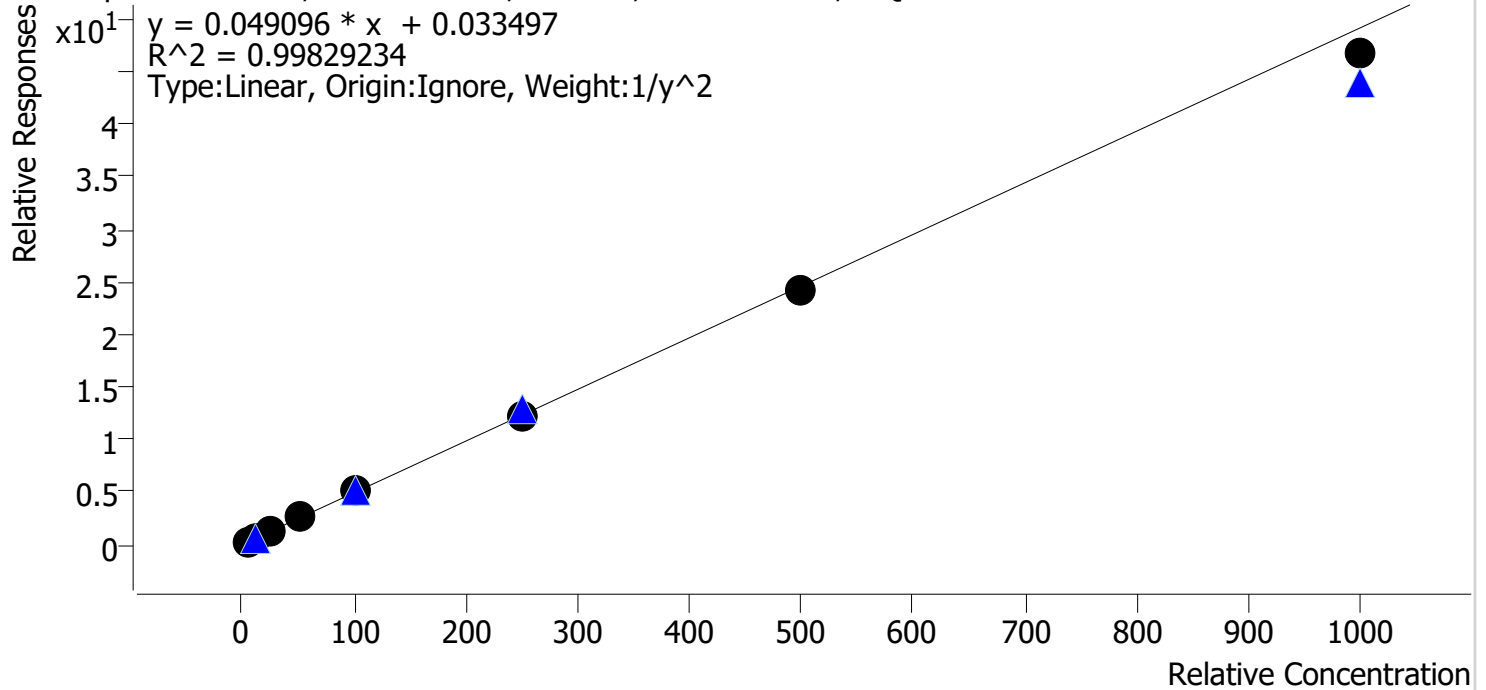
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.0 | 100.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.5 | 99.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.7 | 97.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.7 | 99.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 499.5 | 99.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1029.6 | 103.0 |

Compound Calibration Report



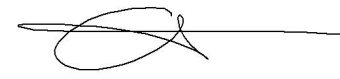
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.6 | 96.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.2 | 104.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.1 | 104.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.4 | 102.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 251.1 | 100.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 490.4 | 98.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 950.2 | 95.0 |

Compound Calibration Report

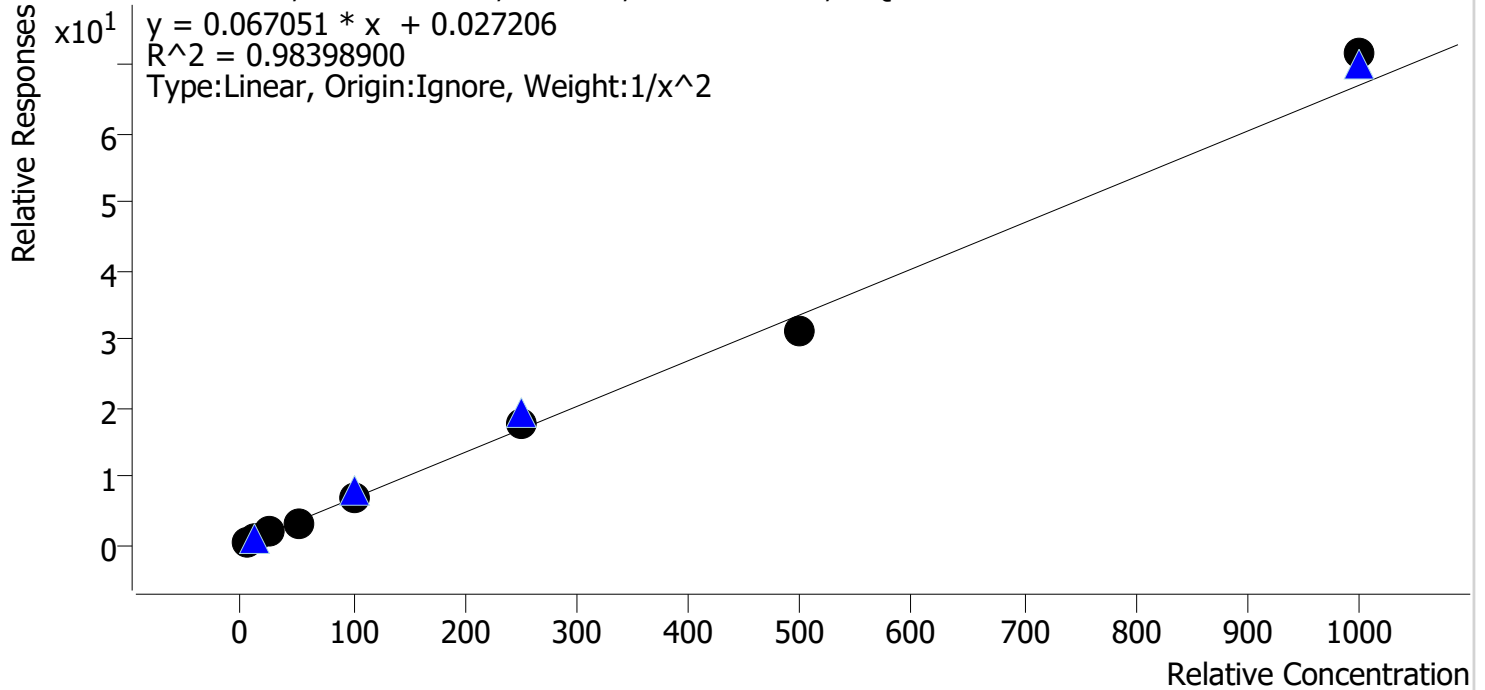


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Clonazolam

Internal Standard

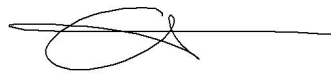
Clonazepam-D4

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

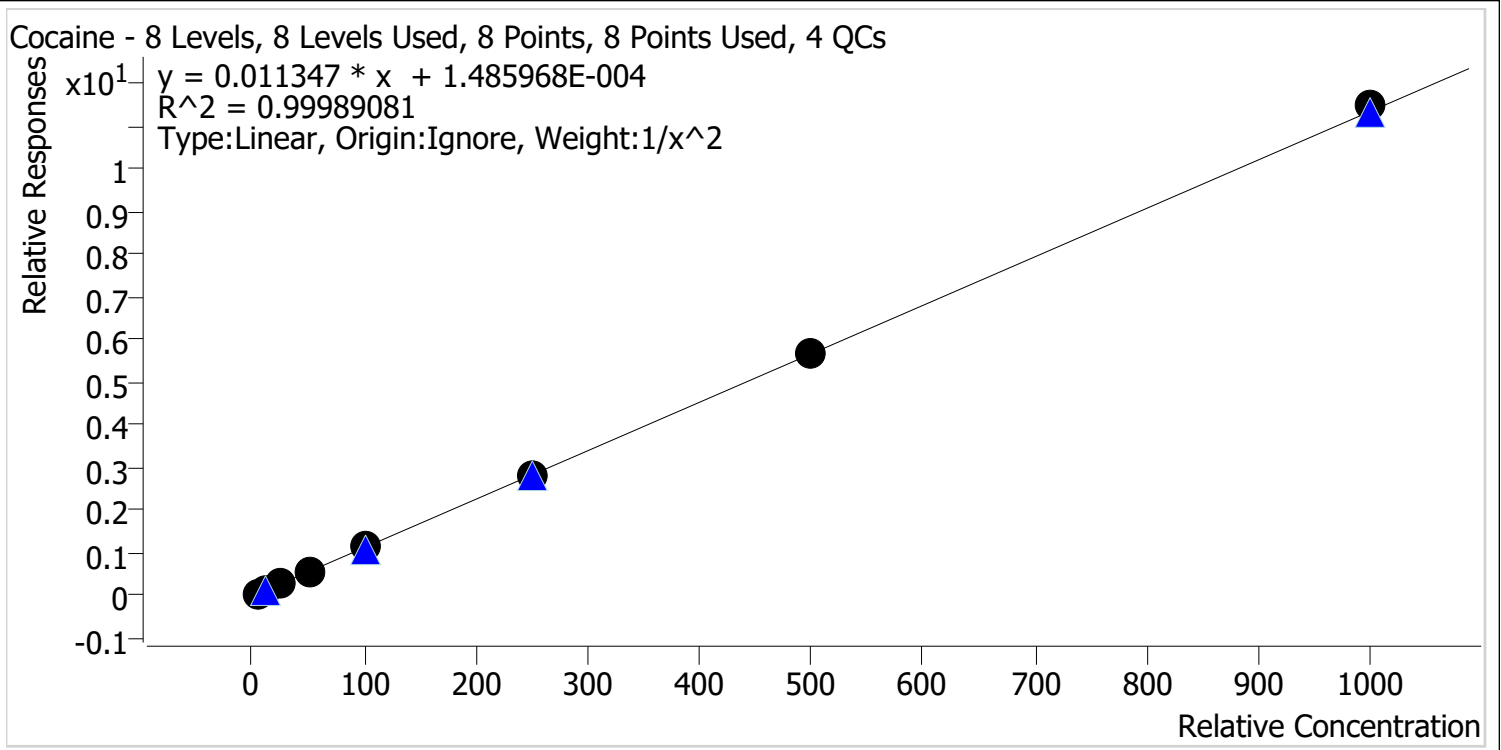


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.3 | 106.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 8.3 | 82.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.8 | 115.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 44.2 | 88.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.2 | 103.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 262.1 | 104.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 460.7 | 92.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1069.0 | 106.9 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



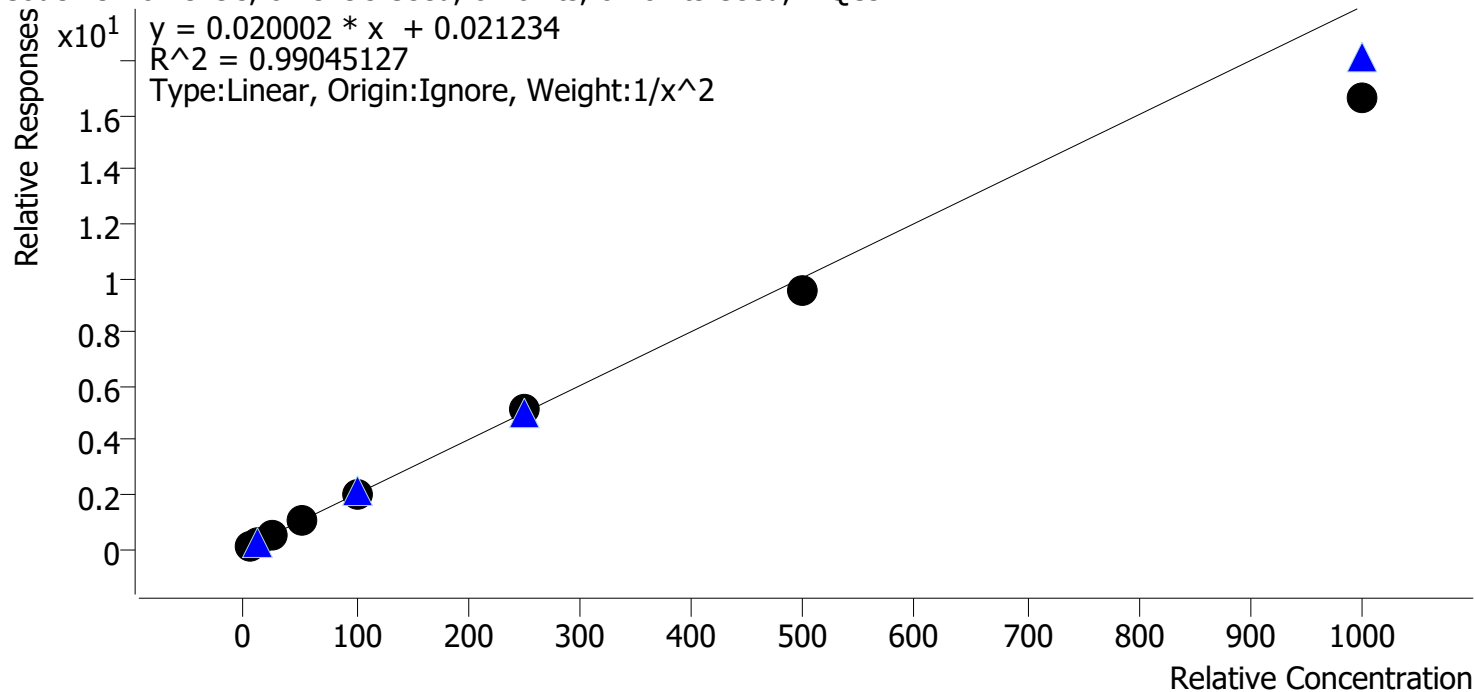
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.7 | 98.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.5 | 99.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.7 | 100.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 504.2 | 100.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1012.1 | 101.2 |

Compound Calibration Report



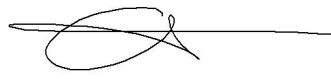
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



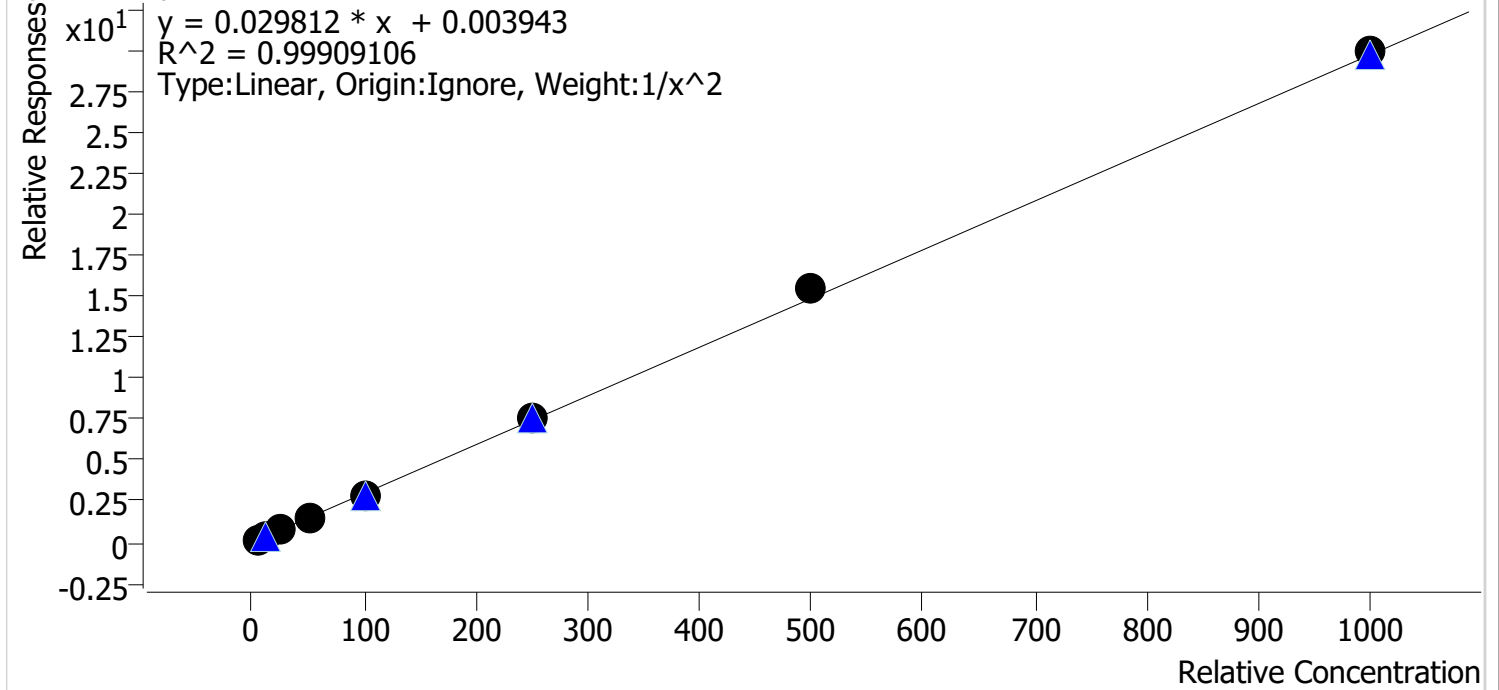
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.7 | 106.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 54.1 | 108.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.0 | 102.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 258.0 | 103.2 |
| cal 7 mdq | 7 | ✓ | 500.0 | 478.9 | 95.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 830.0 | 83.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



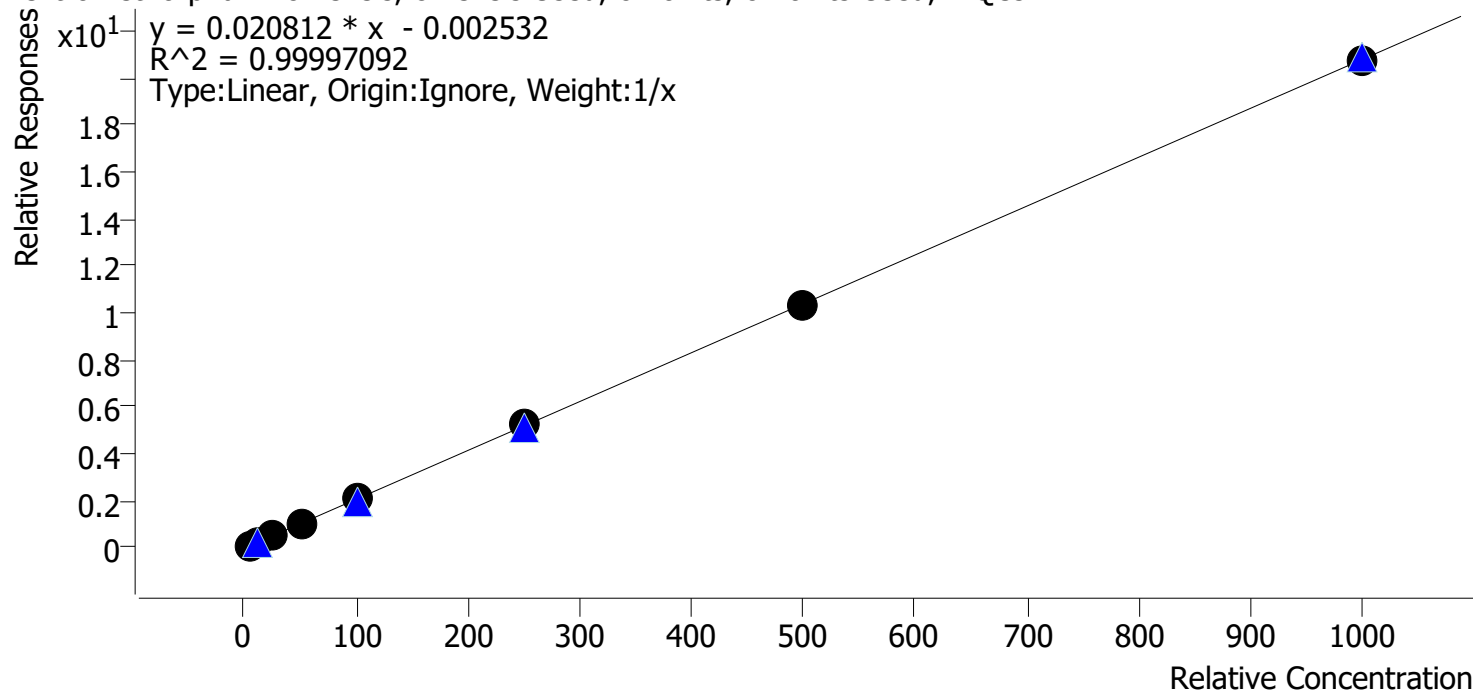
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.5 | 97.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.2 | 100.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.1 | 95.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.7 | 101.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 521.0 | 104.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1006.7 | 100.7 |

Compound Calibration Report



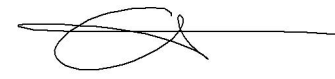
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



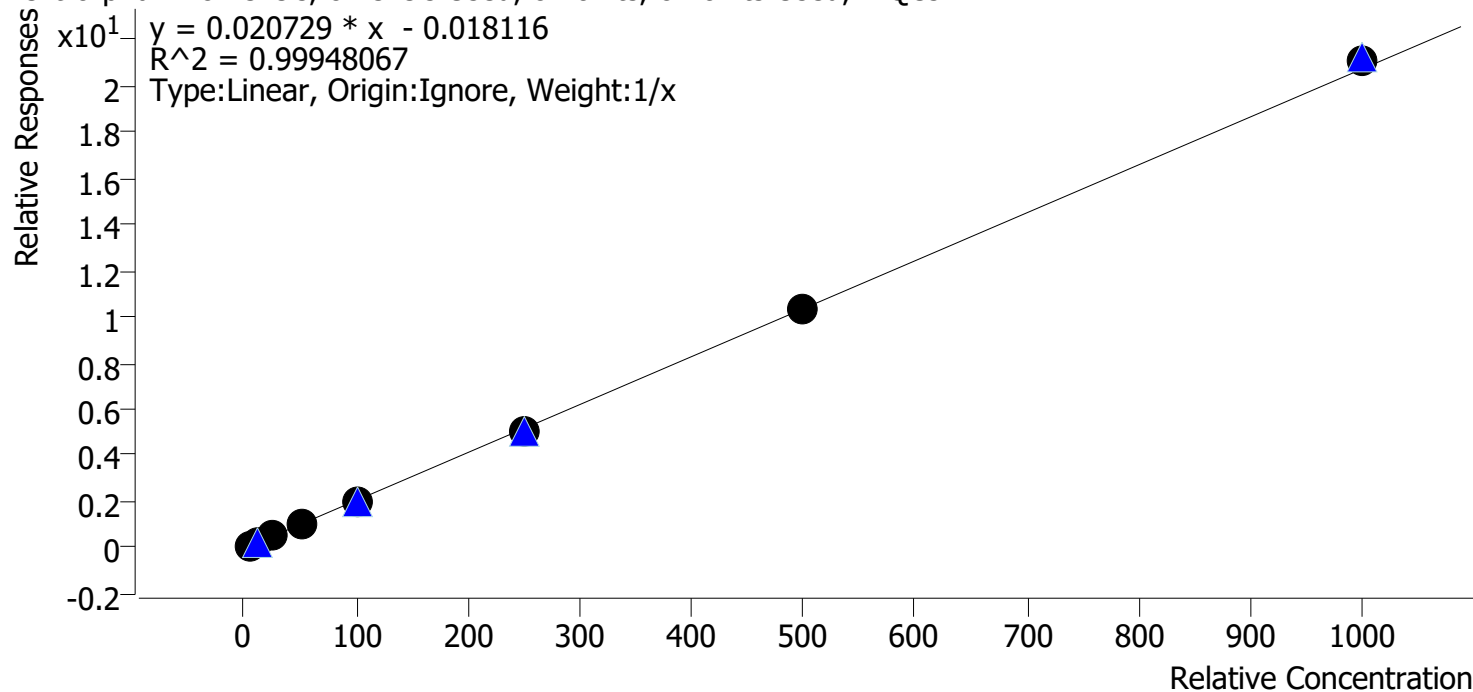
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.1 | 98.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.2 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 497.7 | 99.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1001.0 | 100.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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

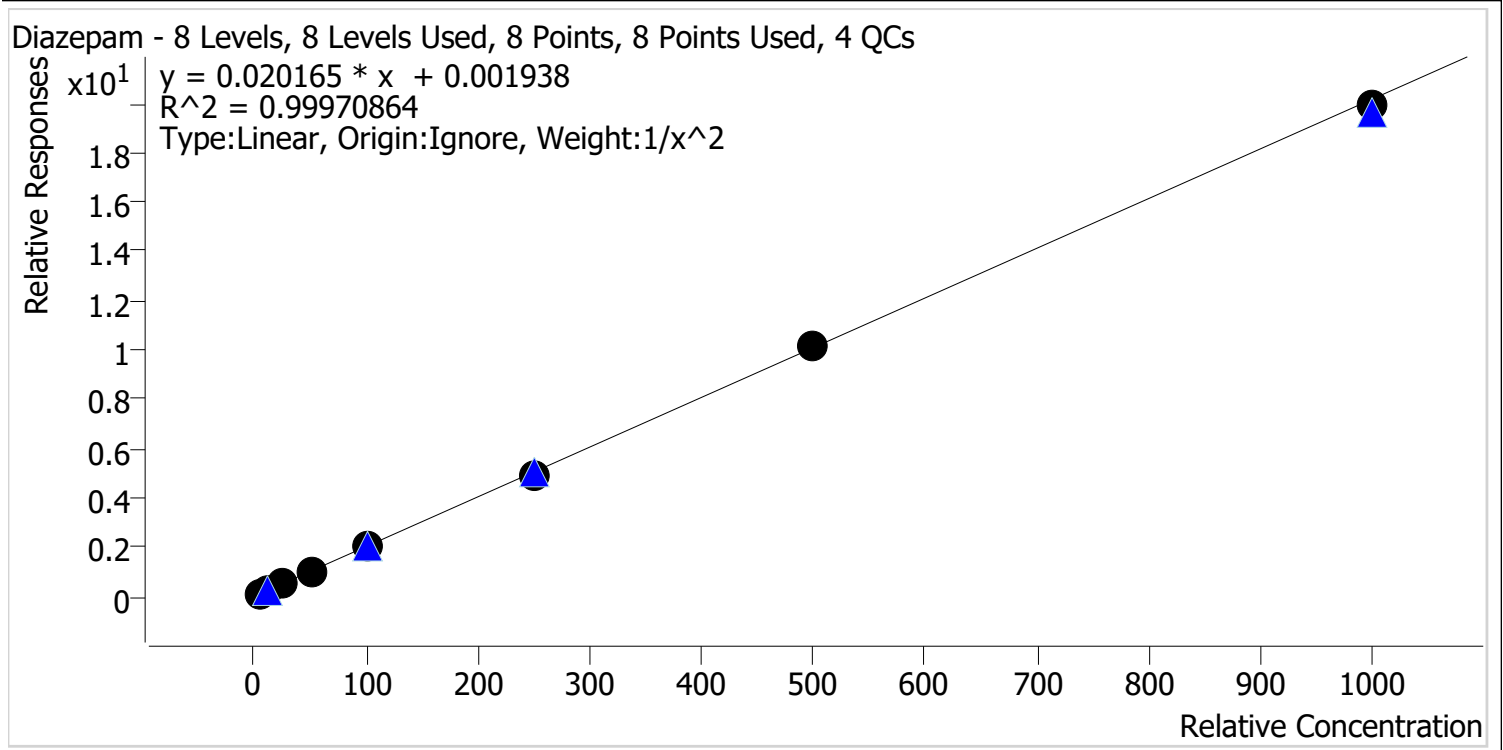


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.6 | 112.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.1 | 96.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.1 | 96.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.0 | 95.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 242.2 | 96.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 499.1 | 99.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1015.7 | 101.6 |

Compound Calibration Report

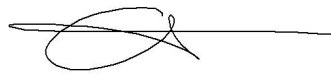


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



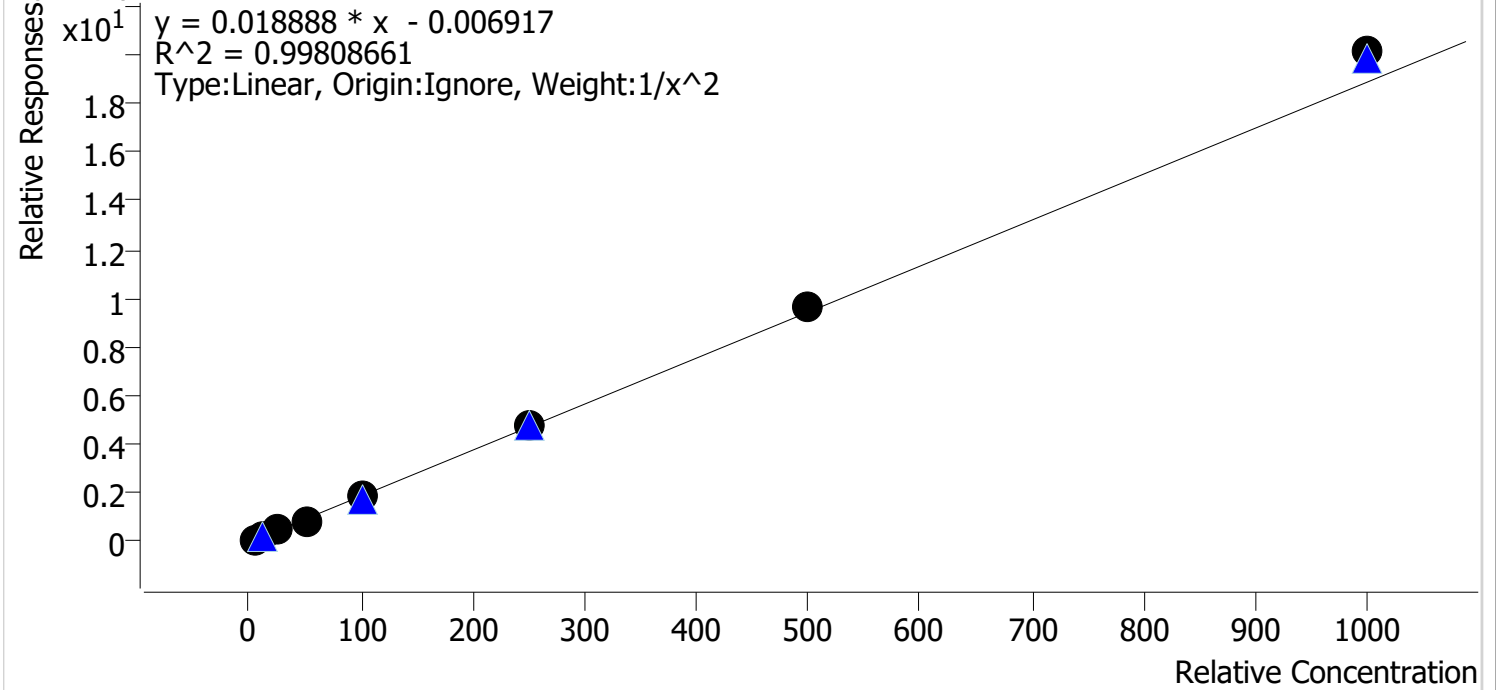
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.6 | 98.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.9 | 101.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.8 | 101.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.1 | 98.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 505.2 | 101.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 987.0 | 98.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



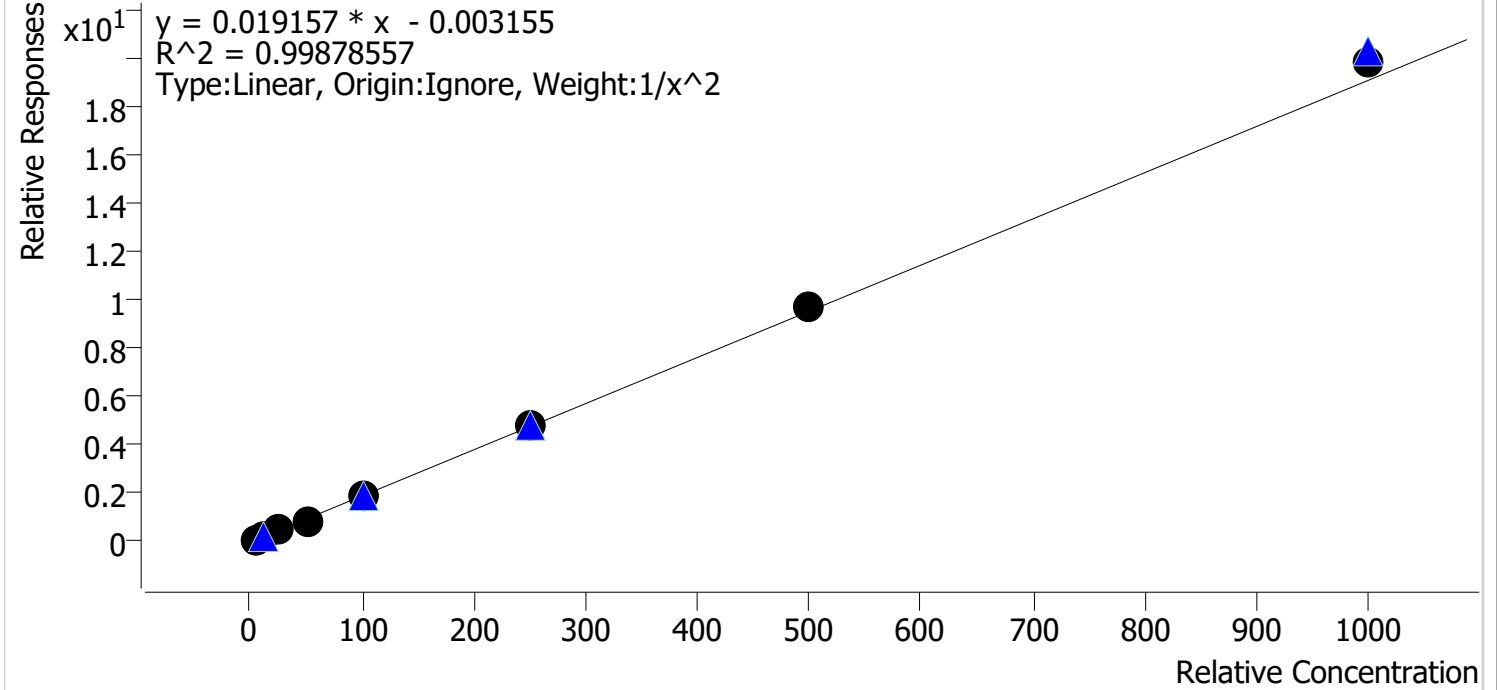
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.1 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.9 | 95.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.9 | 95.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.0 | 97.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.7 | 100.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 515.2 | 103.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1066.4 | 106.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



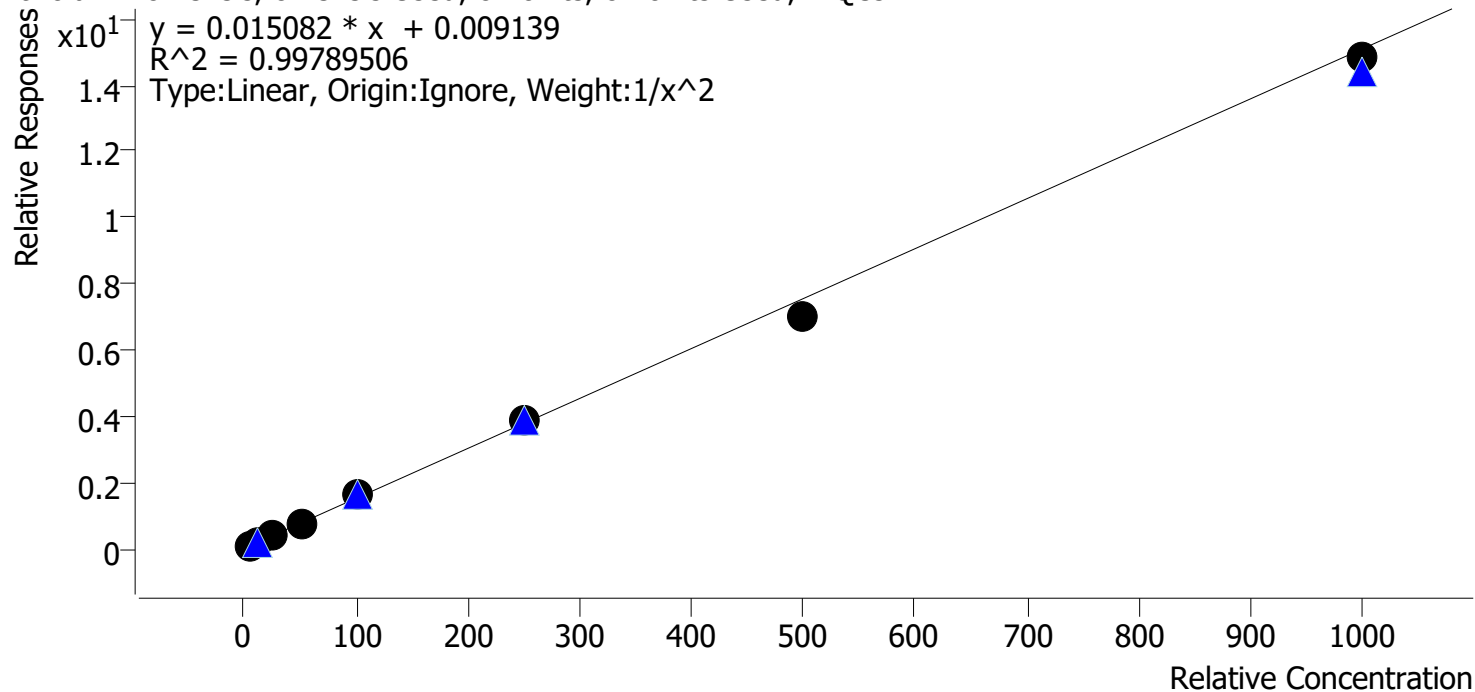
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.8 | 99.2 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.1 | 94.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.1 | 99.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.1 | 101.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 511.9 | 102.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1037.5 | 103.7 |

Compound Calibration Report



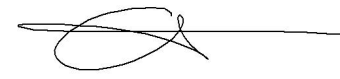
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Diazepam-D5

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



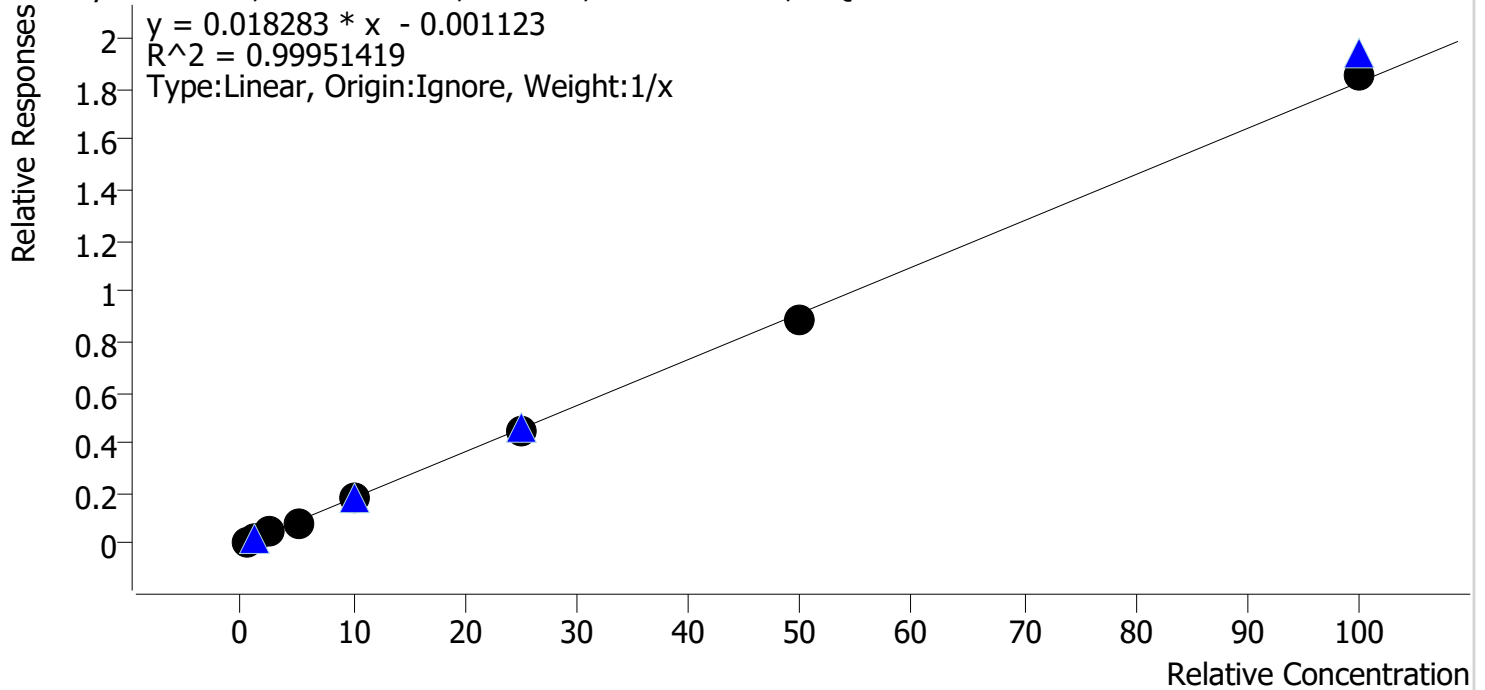
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.3 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 98.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.5 | 105.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.6 | 99.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.6 | 104.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.6 | 101.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 464.7 | 92.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 982.7 | 98.3 |

Compound Calibration Report



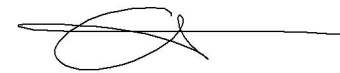
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



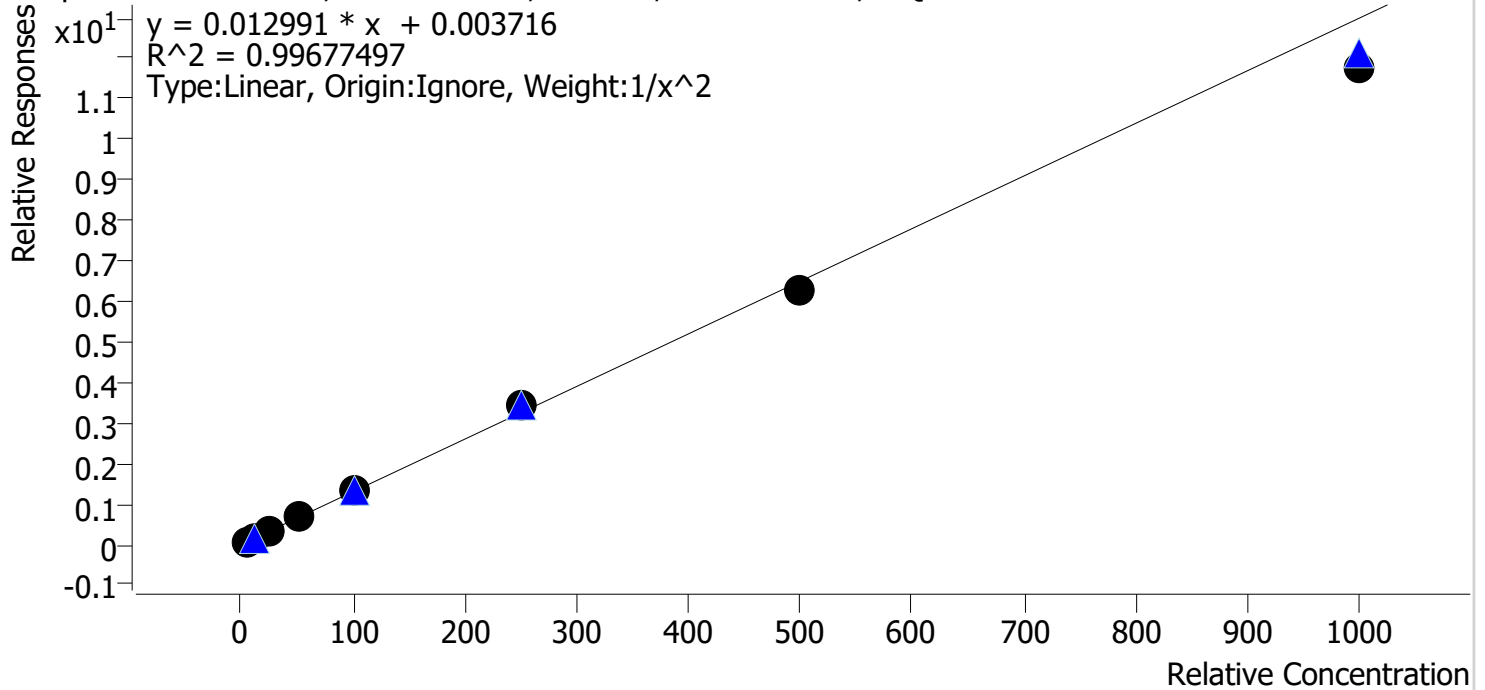
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 109.1 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 98.6 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 100.1 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.7 | 93.8 |
| cal 5 mdq | 5 | ✓ | 10.0 | 10.0 | 100.3 |
| cal 6 mdq | 6 | ✓ | 25.0 | 24.6 | 98.5 |
| cal 7 mdq | 7 | ✓ | 50.0 | 48.9 | 97.7 |
| cal 8 mdq | 8 | ✓ | 100.0 | 101.8 | 101.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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

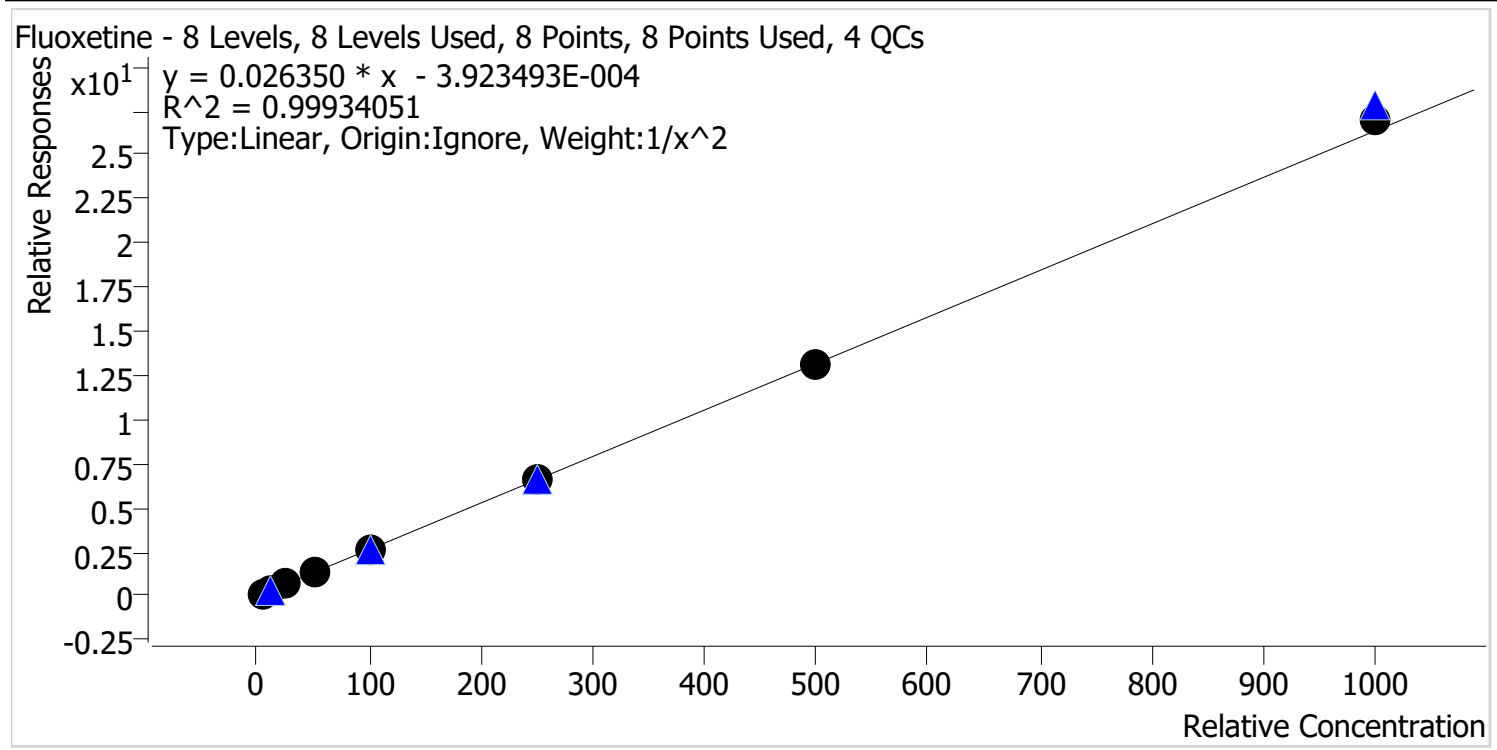


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.6 | 102.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.4 | 100.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.1 | 103.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 260.9 | 104.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 485.5 | 97.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 904.7 | 90.5 |

Compound Calibration Report

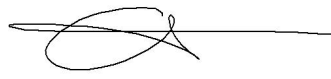


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

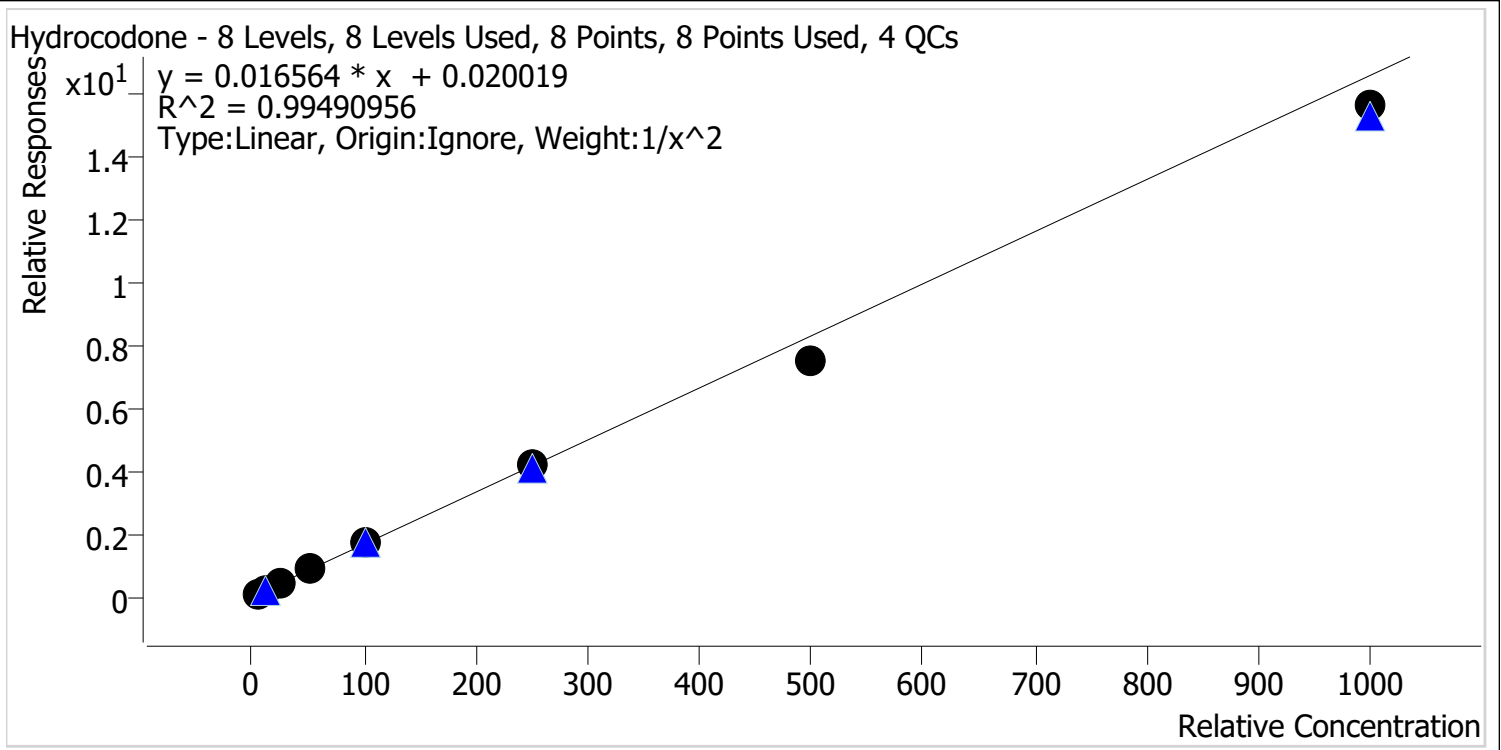


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 104.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.6 | 98.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.2 | 100.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.9 | 97.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.3 | 99.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 494.3 | 98.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1026.6 | 102.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



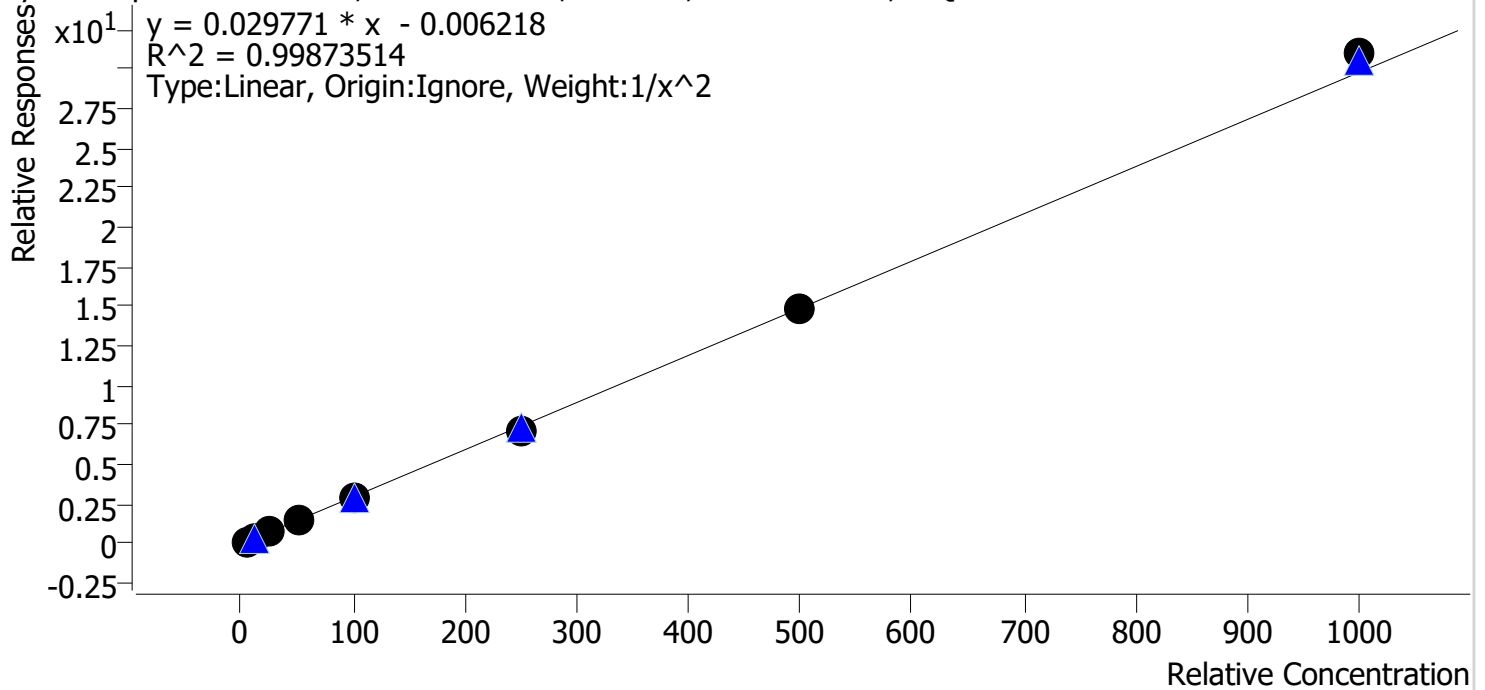
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.2 | 109.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.4 | 102.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 106.5 | 106.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.6 | 99.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 449.9 | 90.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 942.0 | 94.2 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



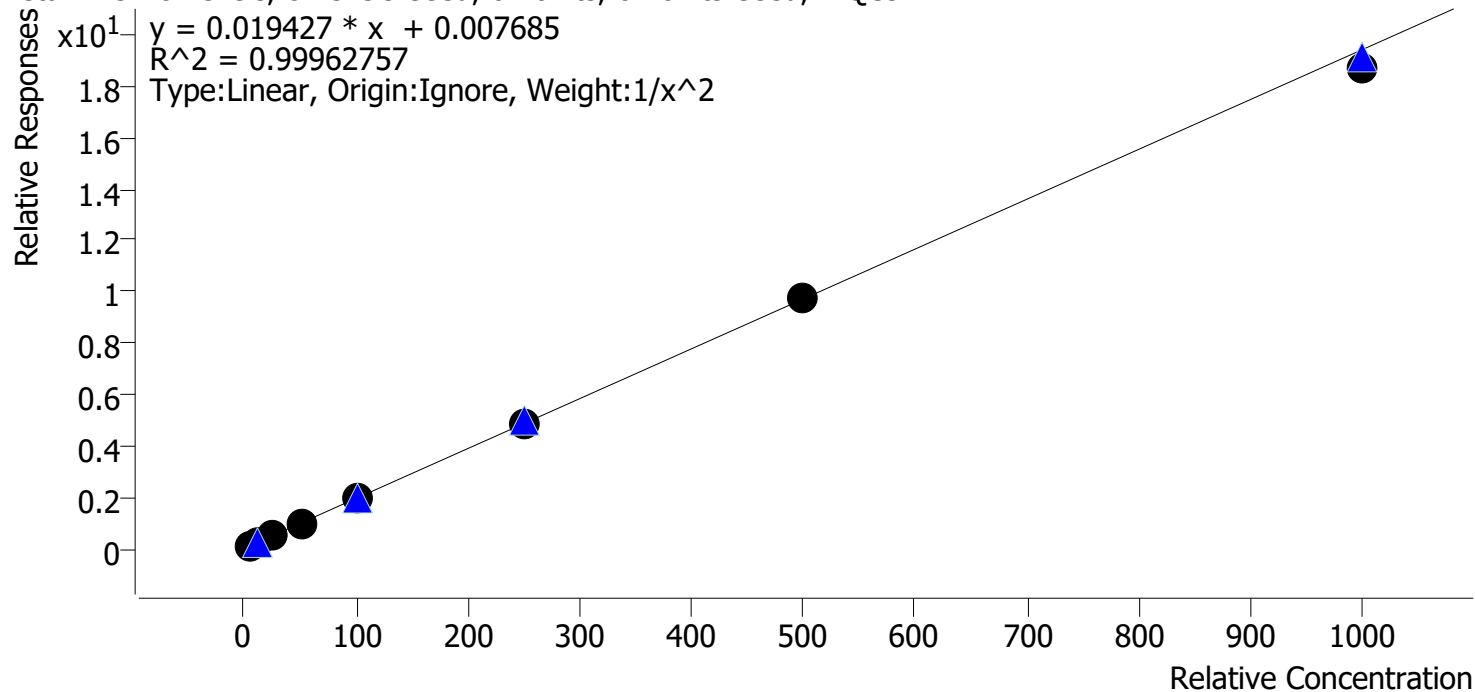
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.9 | 103.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.7 | 97.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 101.0 | 101.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 236.8 | 94.7 |
| cal 7 mdq | 7 | ✓ | 500.0 | 496.2 | 99.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1039.7 | 104.0 |

Compound Calibration Report



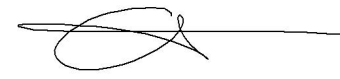
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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



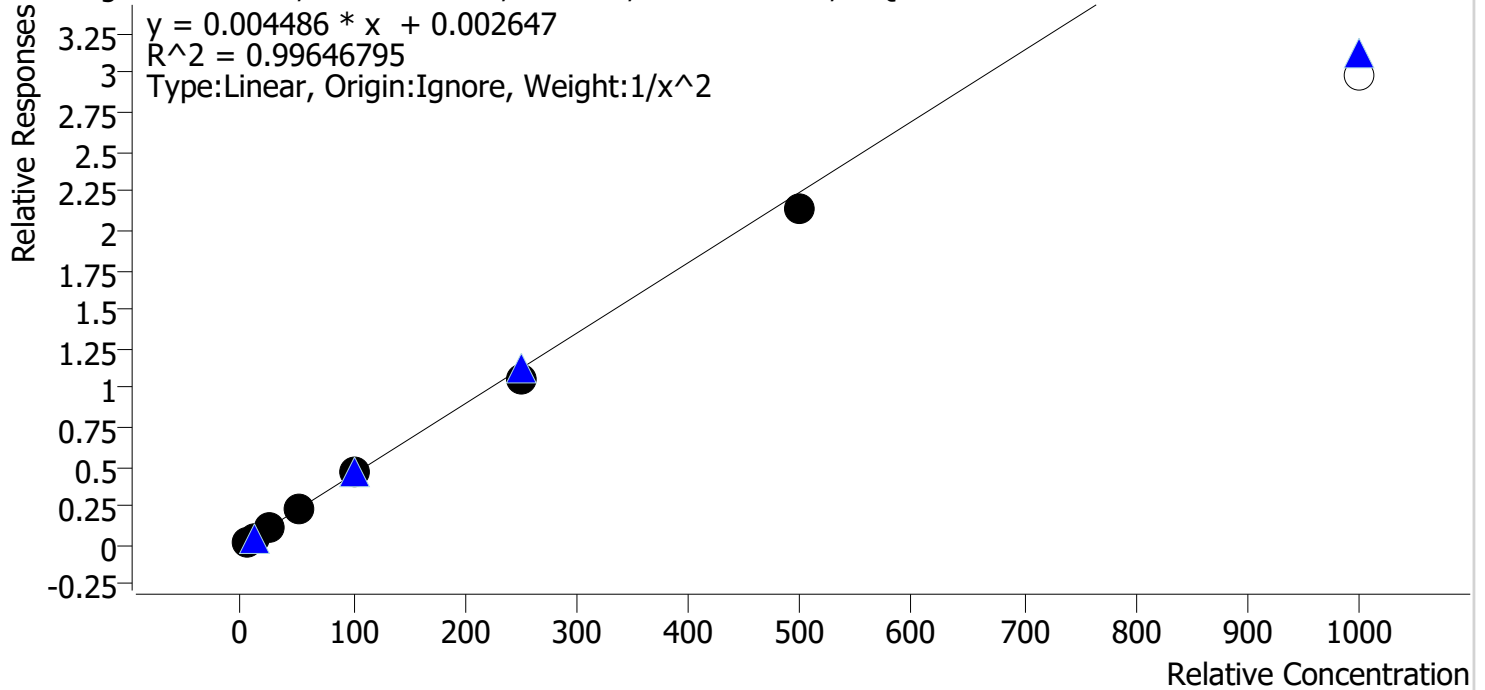
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.5 | 102.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.3 | 100.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.1 | 100.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.8 | 101.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 500.7 | 100.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 963.7 | 96.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\lam 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Noroxycodone-D3

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.2 | 109.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.9 | 99.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.1 | 102.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 235.7 | 94.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 476.9 | 95.4 |
| cal 8 mdq | 8 | x | 1000.0 | 663.8 | 66.4 |

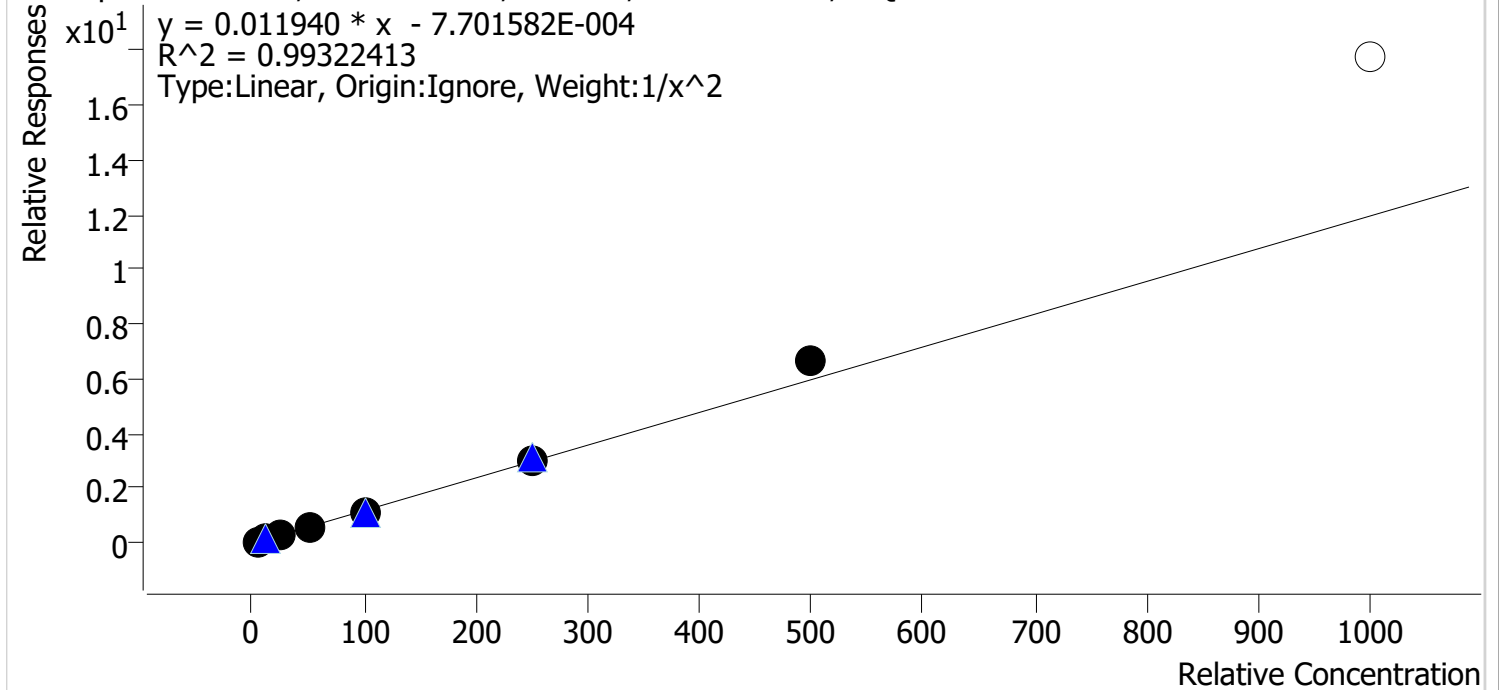
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.0 | 92.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.6 | 97.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 92.2 | 92.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 257.6 | 103.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 560.2 | 112.0 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 1487.0 | 148.7 |

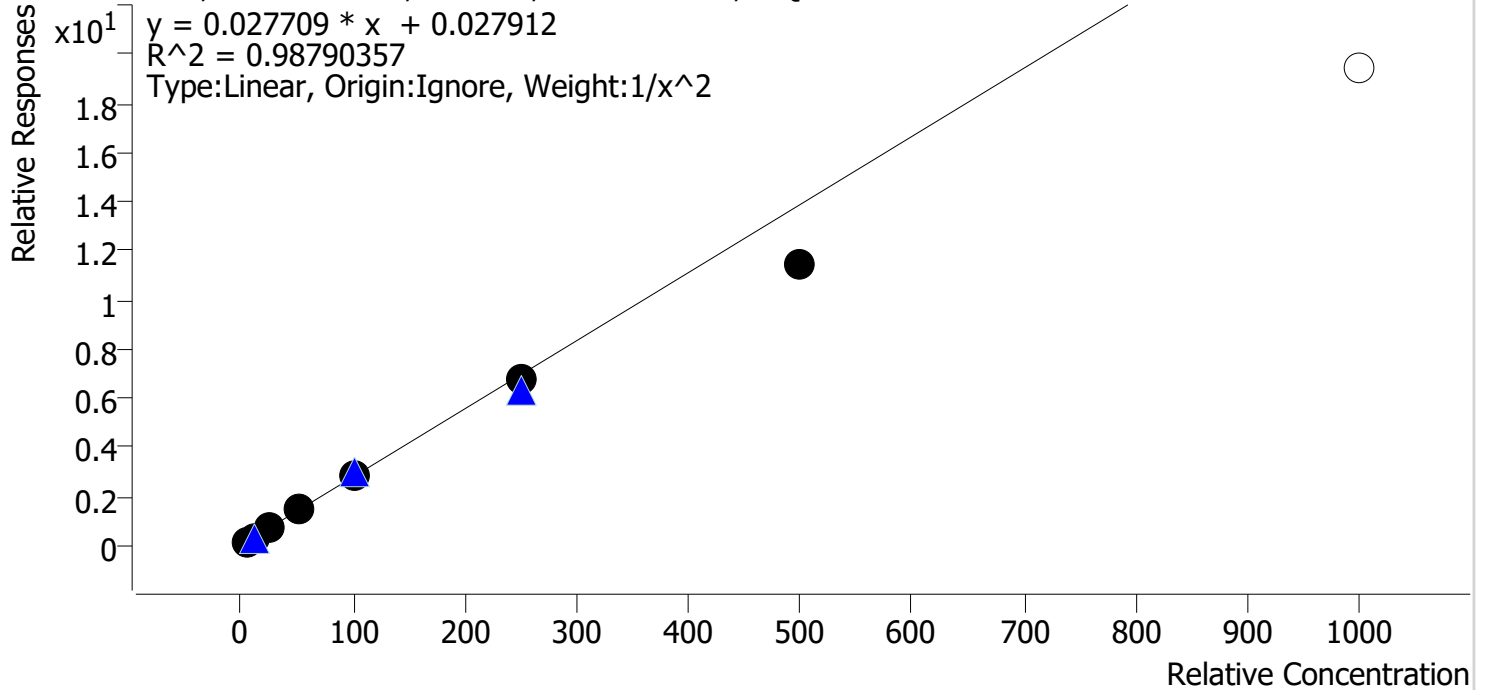
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

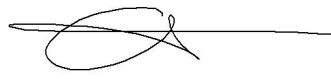
MDA - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.7 | 94.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 105.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.3 | 109.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.5 | 107.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.4 | 104.4 |
| cal 6 mdq | 6 | ✓ | 250.0 | 241.9 | 96.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 412.4 | 82.5 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 702.0 | 70.2 |

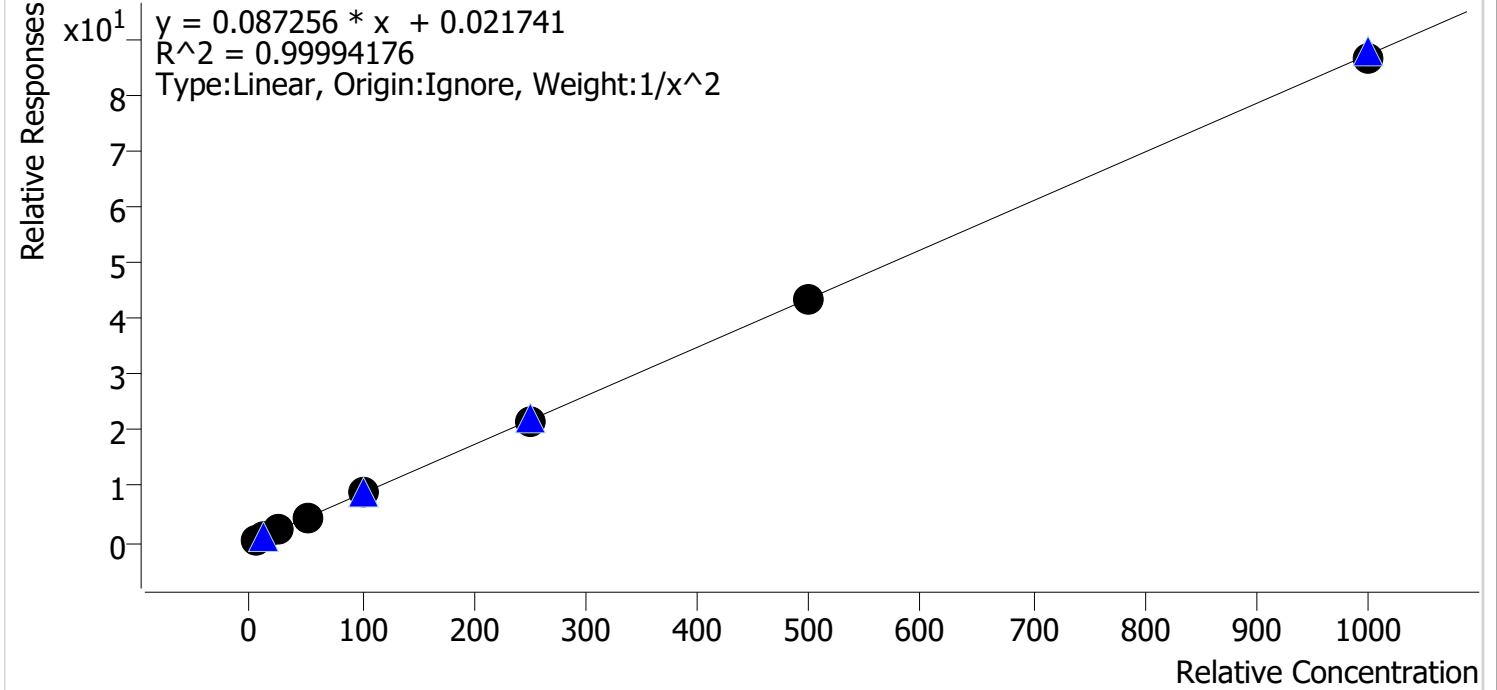
dropped cal 8 due to accuracy

Compound Calibration Report



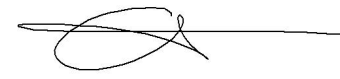
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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 | 99.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.6 | 101.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.6 | 99.6 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.3 | 100.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 498.0 | 99.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 990.9 | 99.1 |

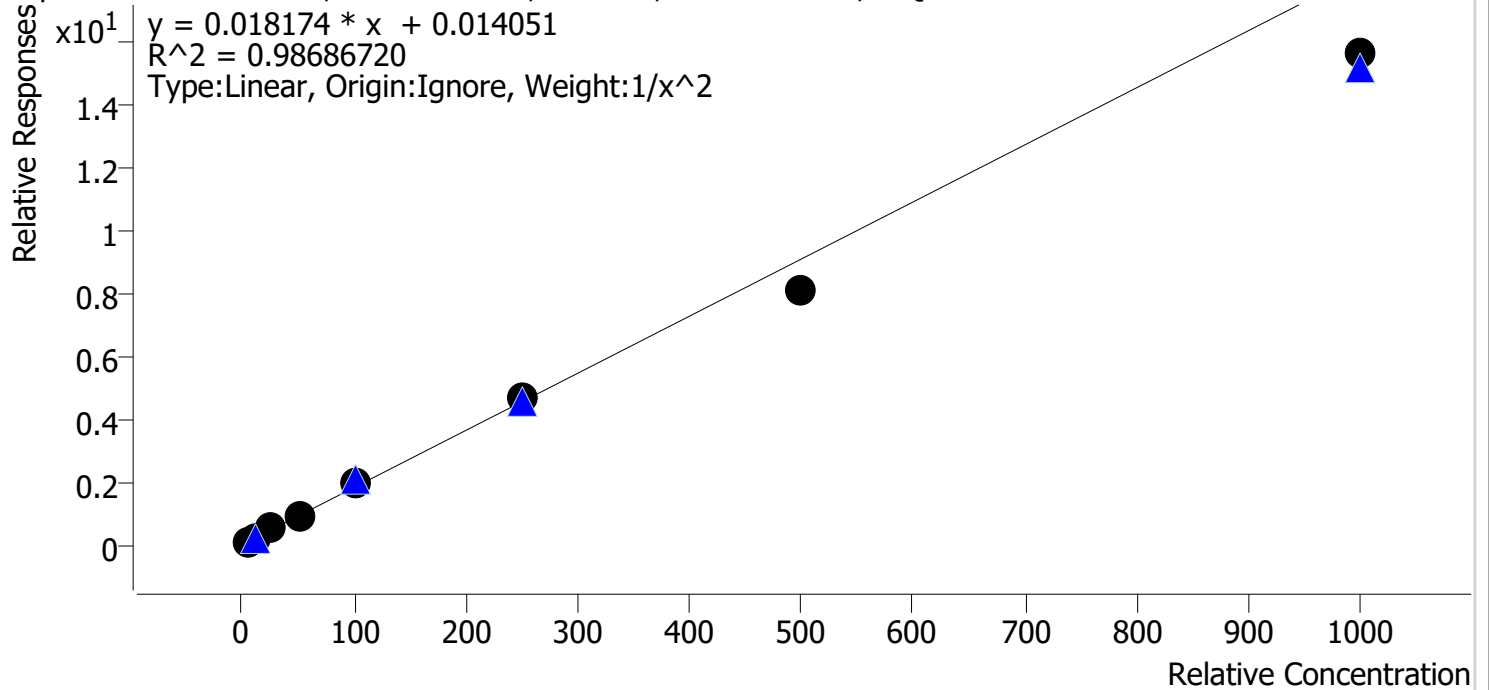
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Meprobamate

Internal Standard Carisoprodol-D7

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



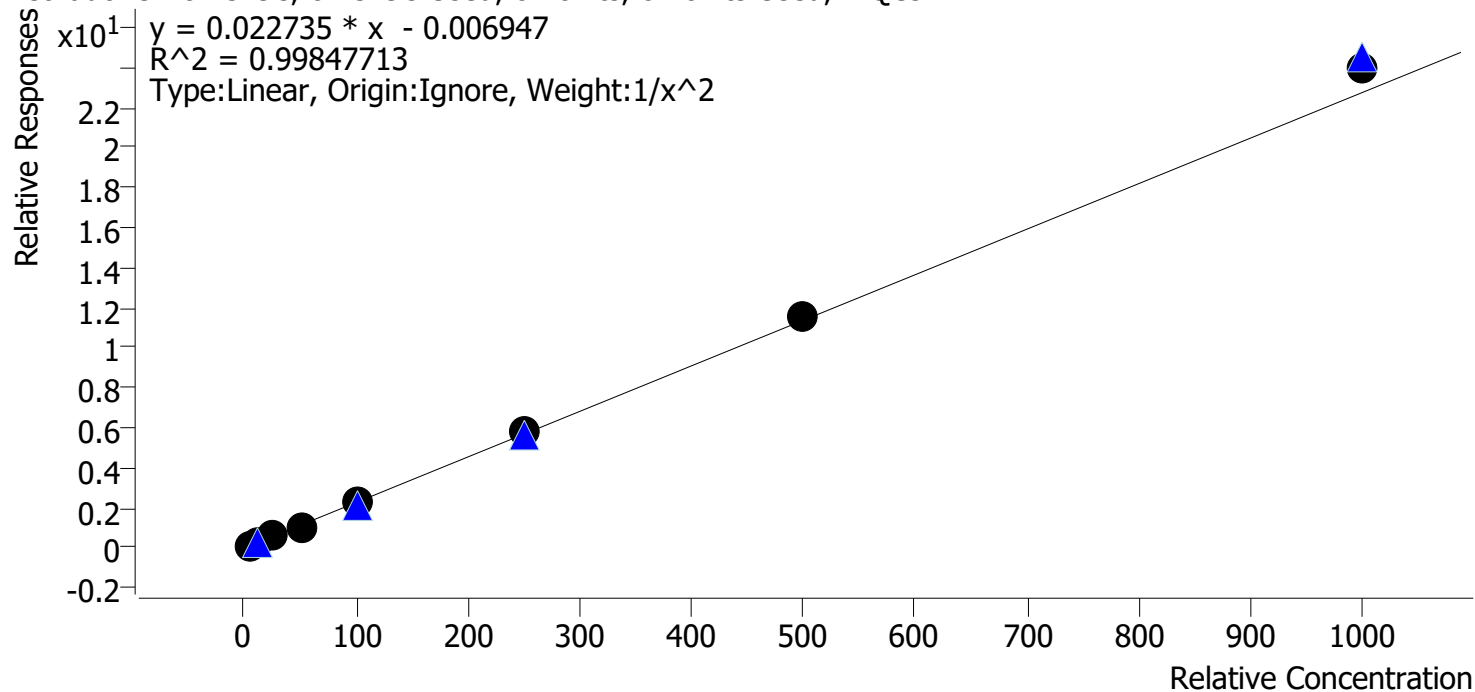
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.4 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.5 | 95.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 28.9 | 115.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.6 | 103.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 110.0 | 110.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 255.3 | 102.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 445.3 | 89.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 859.9 | 86.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



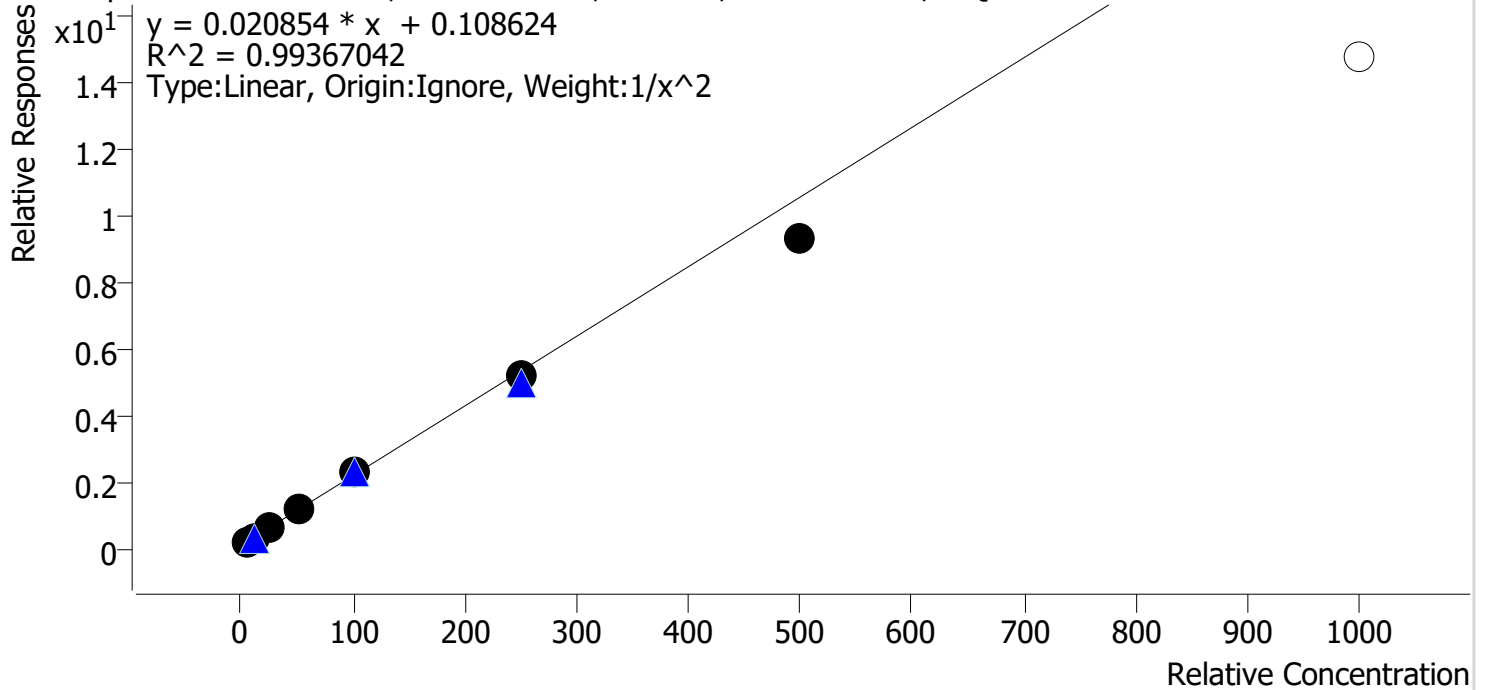
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 101.5 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.9 | 99.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.1 | 96.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.3 | 94.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 98.7 | 98.7 |
| cal 6 mdq | 6 | ✓ | 250.0 | 254.5 | 101.8 |
| cal 7 mdq | 7 | ✓ | 500.0 | 511.9 | 102.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1051.1 | 105.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 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 | 4.8 | 97.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.0 | 107.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.9 | 105.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 102.9 | 102.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 241.5 | 96.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 439.8 | 88.0 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 703.9 | 70.4 |

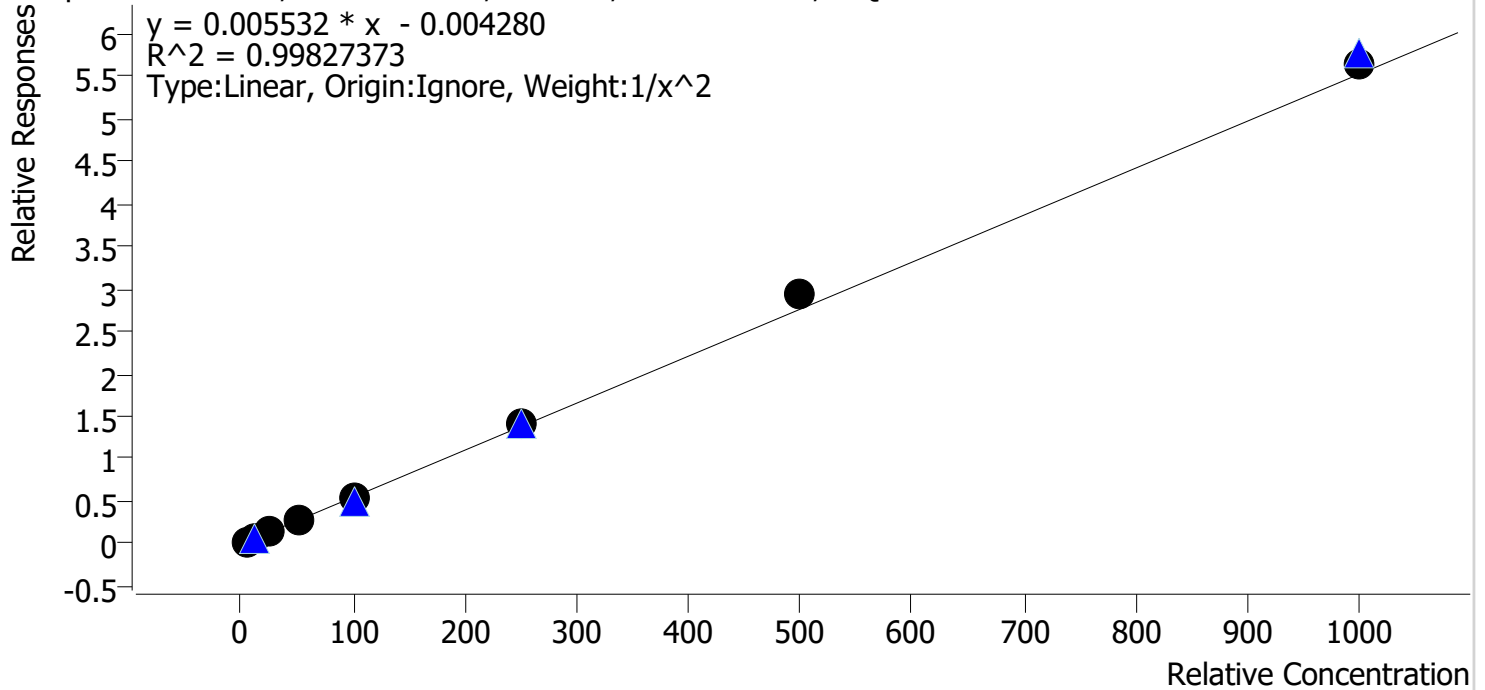
dropped cal 8 due to accuracy

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** MDA-D5

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



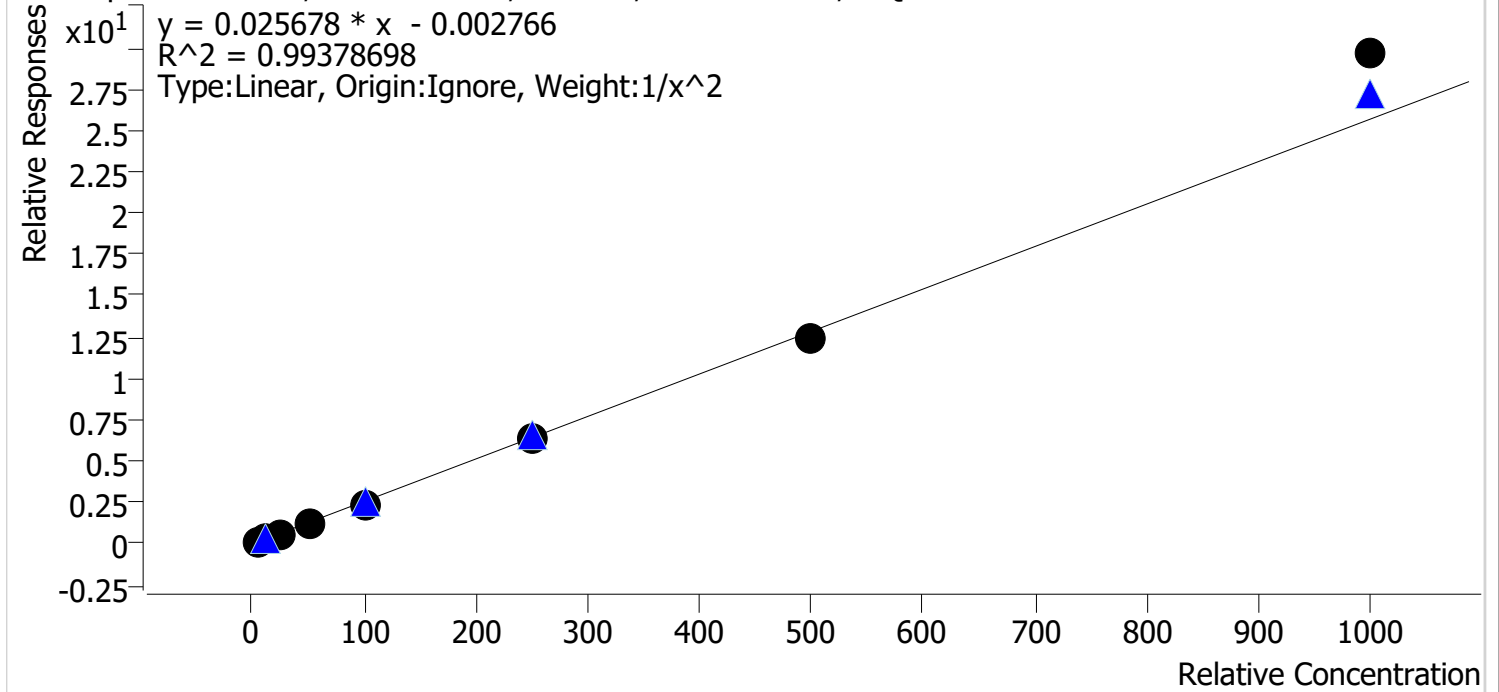
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 98.2 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.7 | 94.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.1 | 98.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.1 | 97.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.3 | 101.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 531.7 | 106.3 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1017.8 | 101.8 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** Methadone-D9

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



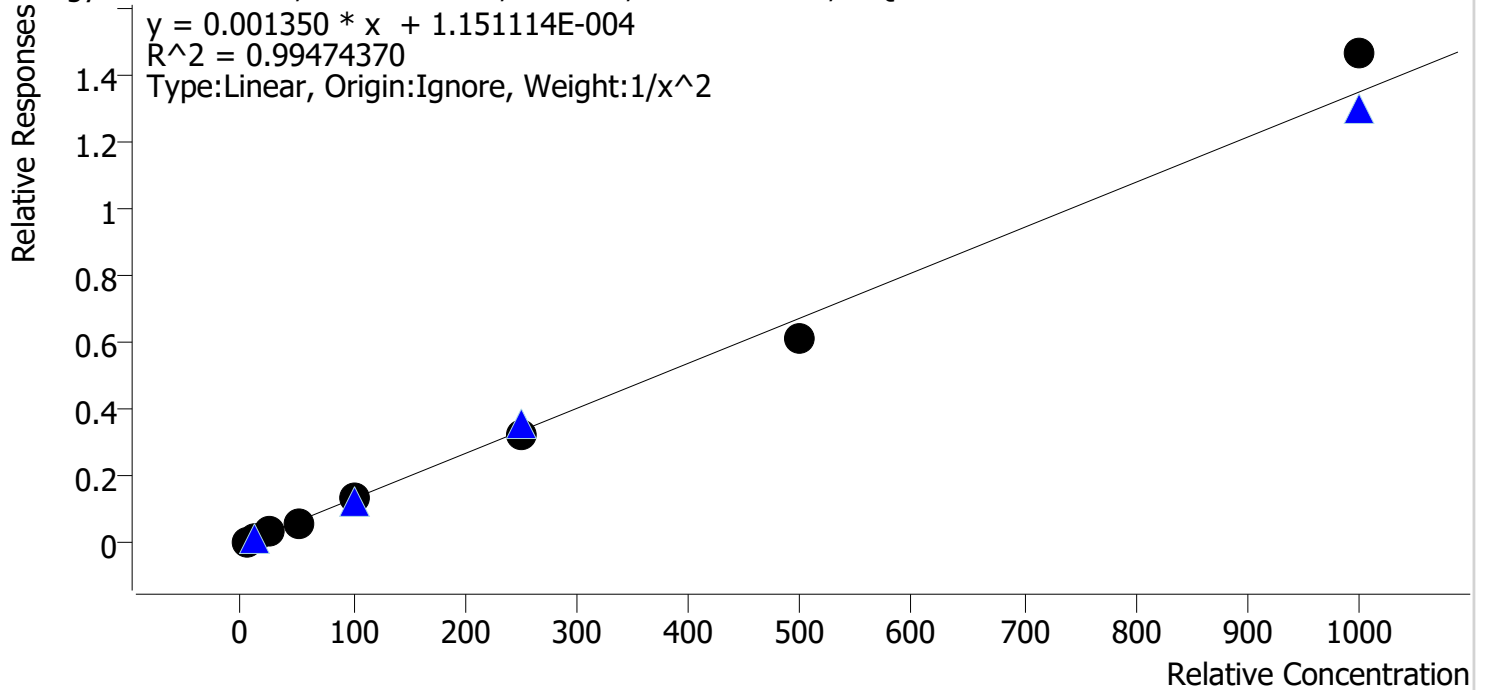
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.7 | 95.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.5 | 97.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 93.9 | 93.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 247.2 | 98.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 484.1 | 96.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1154.4 | 115.4 |

Compound Calibration Report



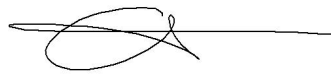
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Pseudoephedrine-D3

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

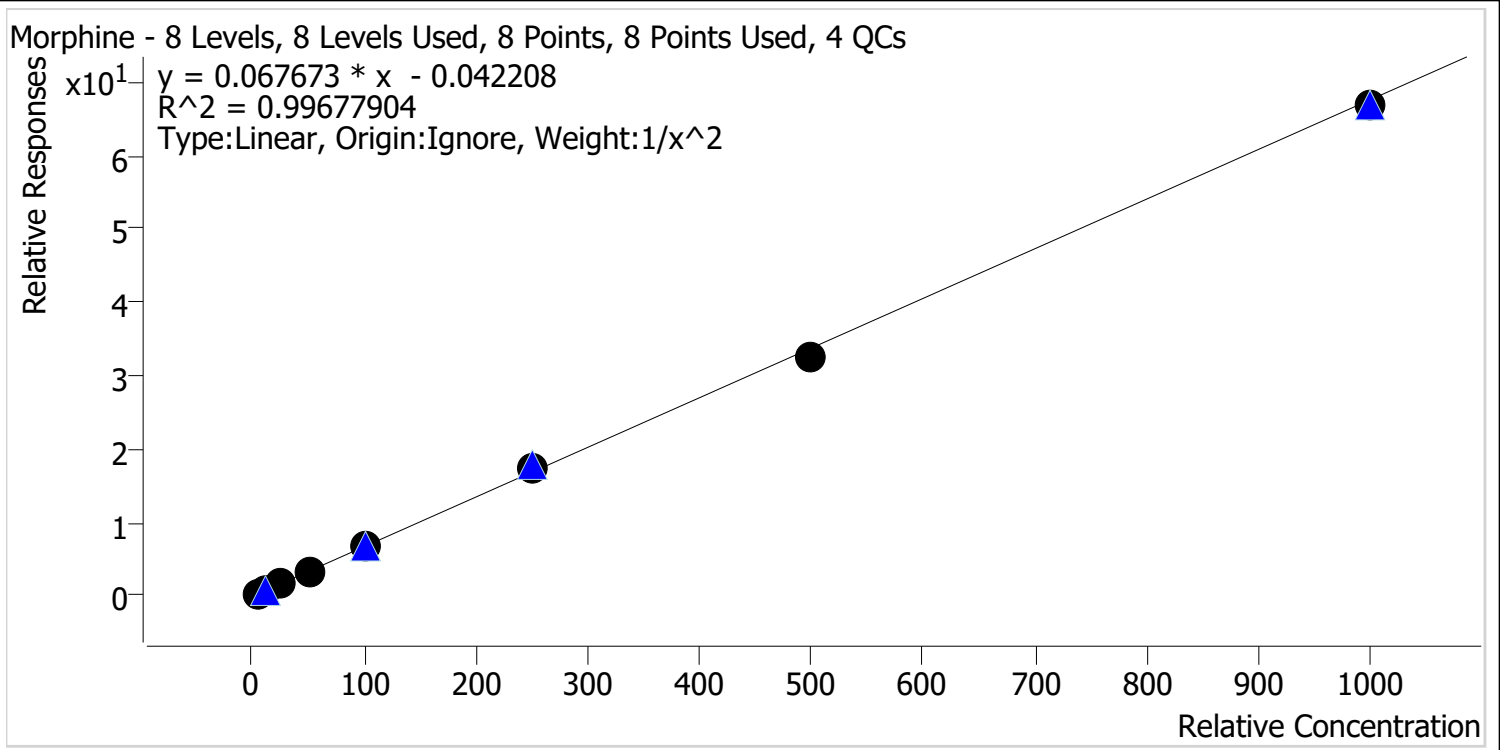


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 101.0 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.6 | 95.7 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.7 | 106.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.4 | 96.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.0 | 105.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 237.5 | 95.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 455.6 | 91.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1084.9 | 108.5 |

Compound Calibration Report

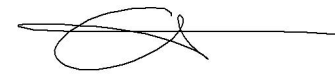


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



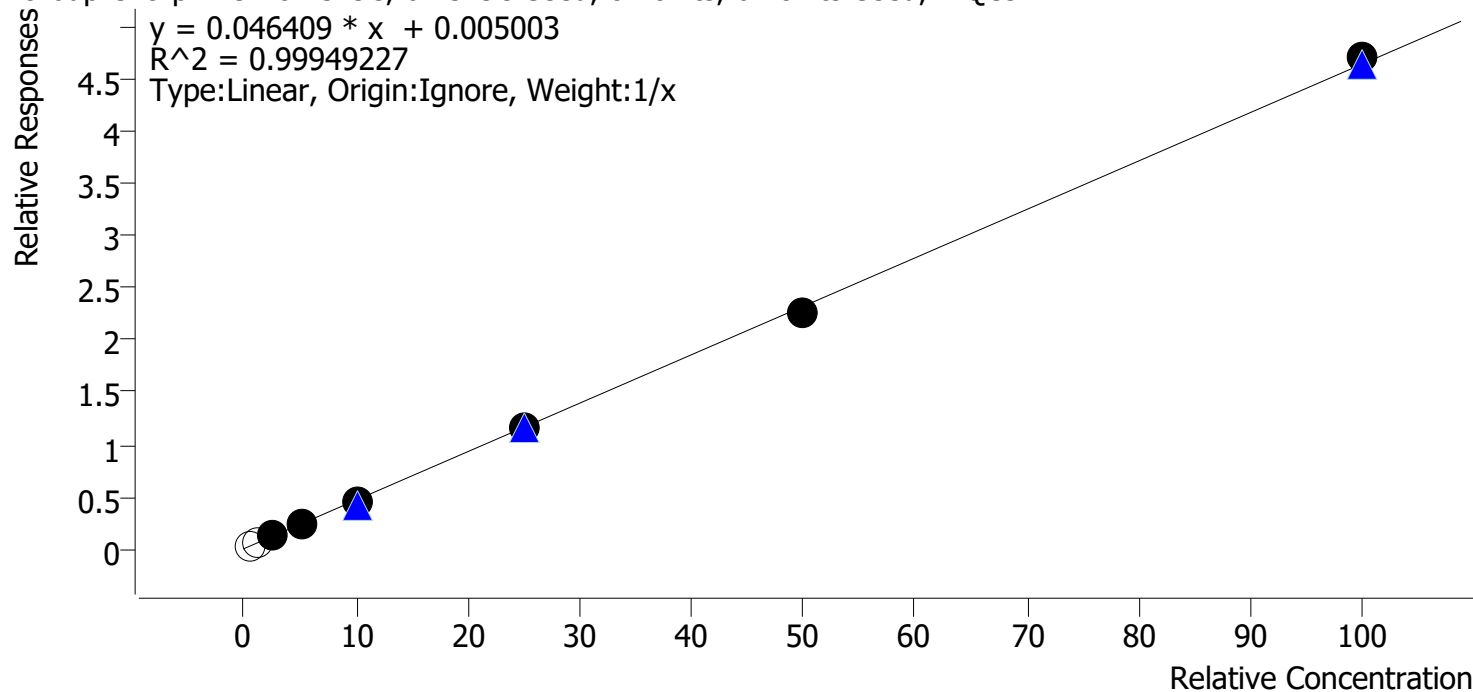
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 104.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.0 | 89.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.2 | 102.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.2 | 103.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 255.2 | 102.1 |
| cal 7 mdq | 7 | ✓ | 500.0 | 483.7 | 96.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 986.2 | 98.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 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 | 0.6 | 113.4 |
| cal 2 mdq | 2 | x | 1.0 | 1.0 | 97.2 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.5 | 101.3 |
| cal 4 mdq | 4 | ✓ | 5.0 | 5.2 | 103.1 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.6 | 96.3 |
| cal 6 mdq | 6 | ✓ | 25.0 | 25.2 | 100.7 |
| cal 7 mdq | 7 | ✓ | 50.0 | 48.7 | 97.3 |
| cal 8 mdq | 8 | ✓ | 100.0 | 101.3 | 101.3 |

dropped cal 1 and cal 2 due to 1 ng control ratio being out of range.

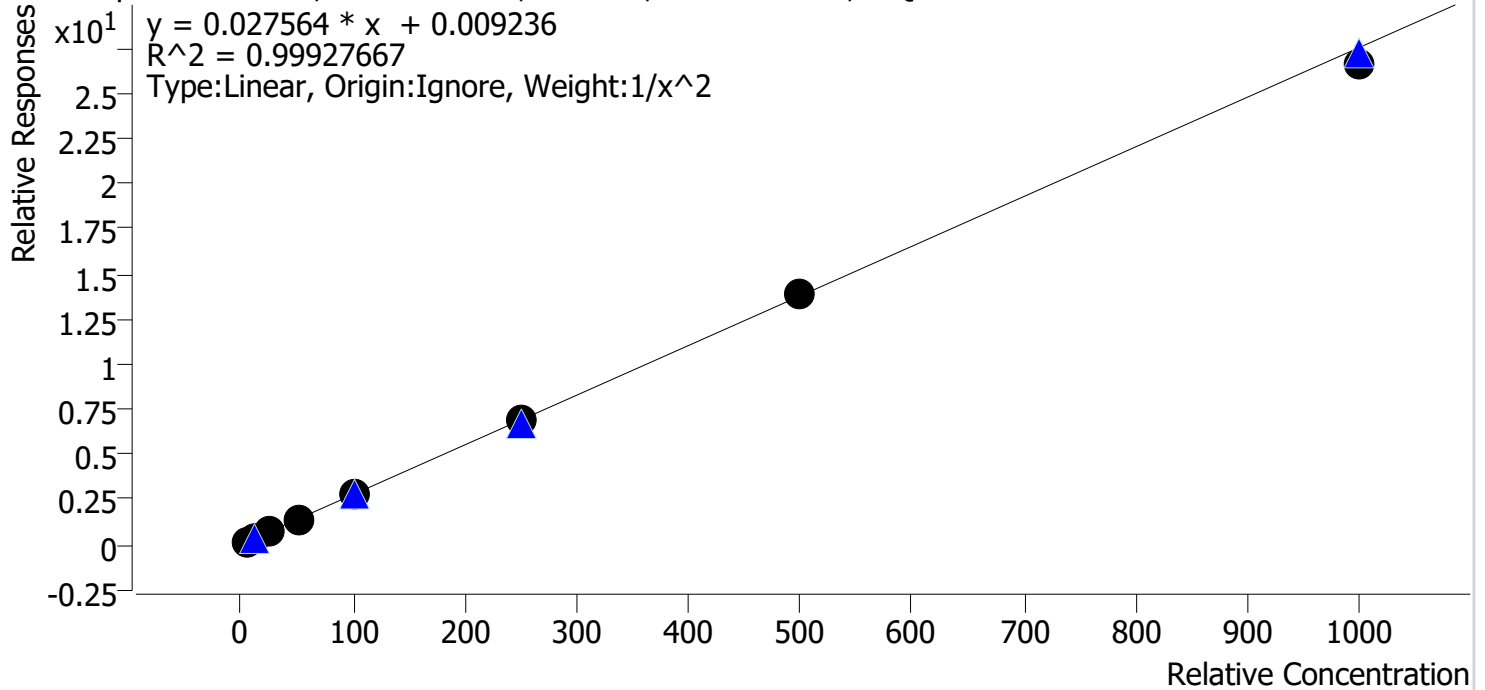
Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Nordiazepam

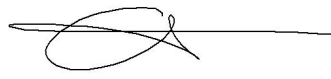
Internal Standard Nordiazepam-D5

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

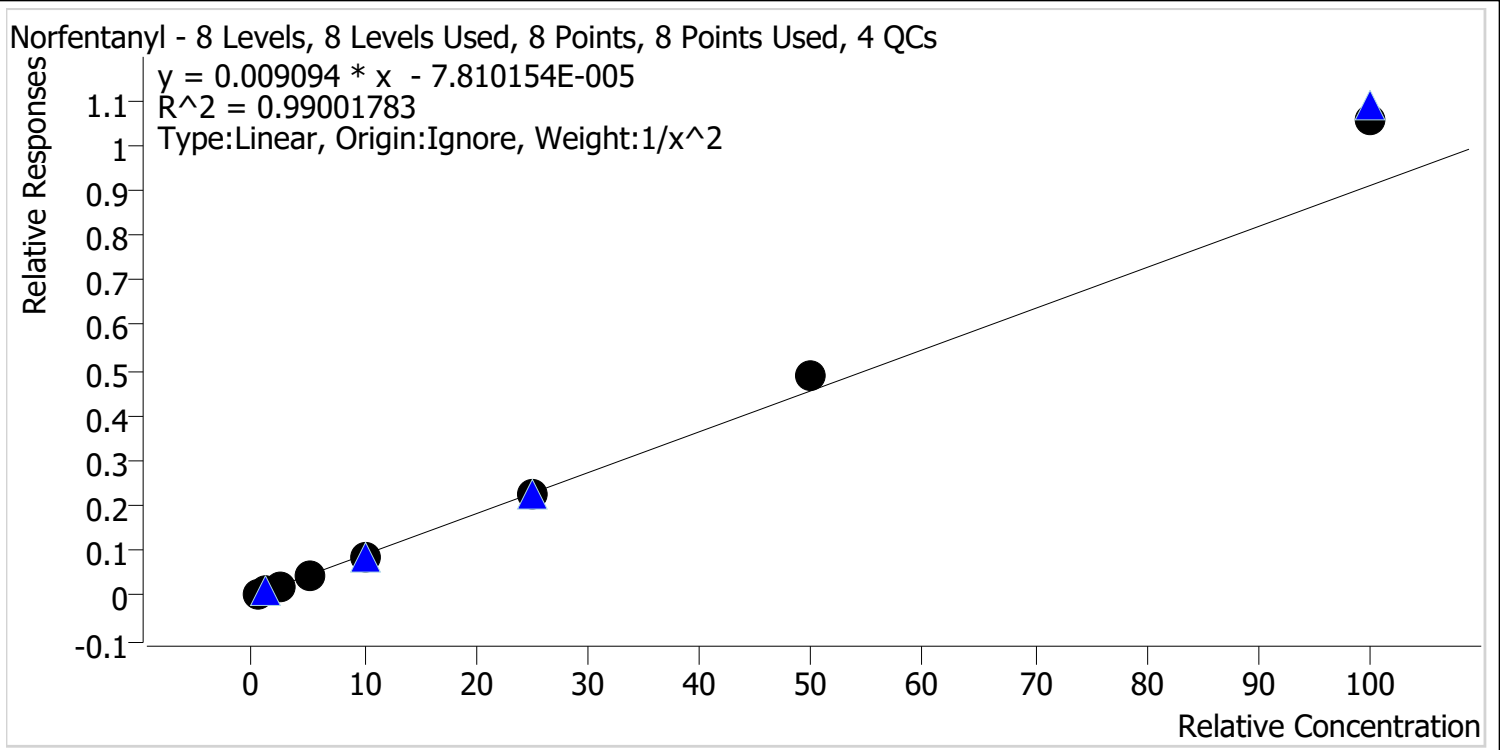


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.5 | 104.6 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.3 | 100.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.9 | 99.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 247.6 | 99.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 503.7 | 100.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 969.8 | 97.0 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



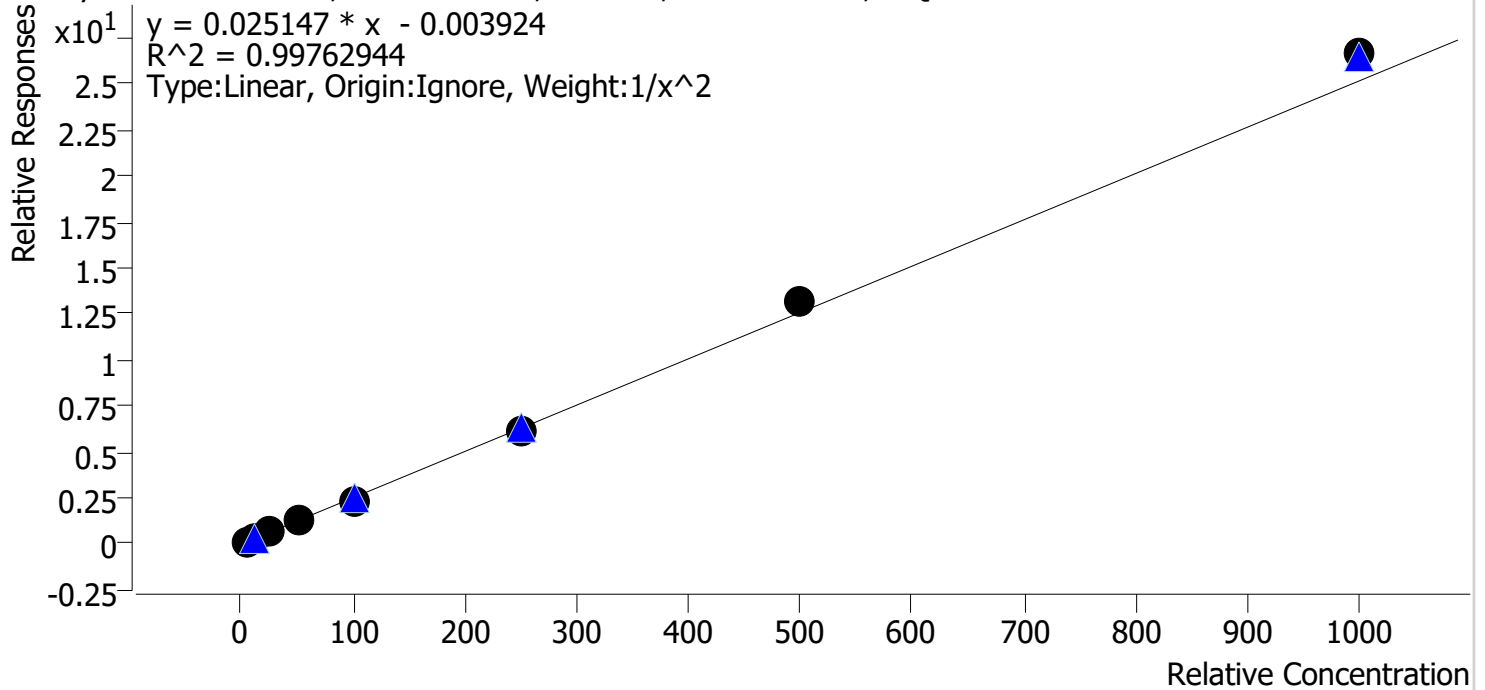
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 0.5 | 0.5 | 104.4 |
| cal 2 mdq | 2 | ✓ | 1.0 | 1.0 | 96.9 |
| cal 3 mdq | 3 | ✓ | 2.5 | 2.3 | 90.2 |
| cal 4 mdq | 4 | ✓ | 5.0 | 4.7 | 93.7 |
| cal 5 mdq | 5 | ✓ | 10.0 | 9.3 | 93.0 |
| cal 6 mdq | 6 | ✓ | 25.0 | 24.6 | 98.6 |
| cal 7 mdq | 7 | ✓ | 50.0 | 53.5 | 106.9 |
| cal 8 mdq | 8 | ✓ | 100.0 | 116.4 | 116.4 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

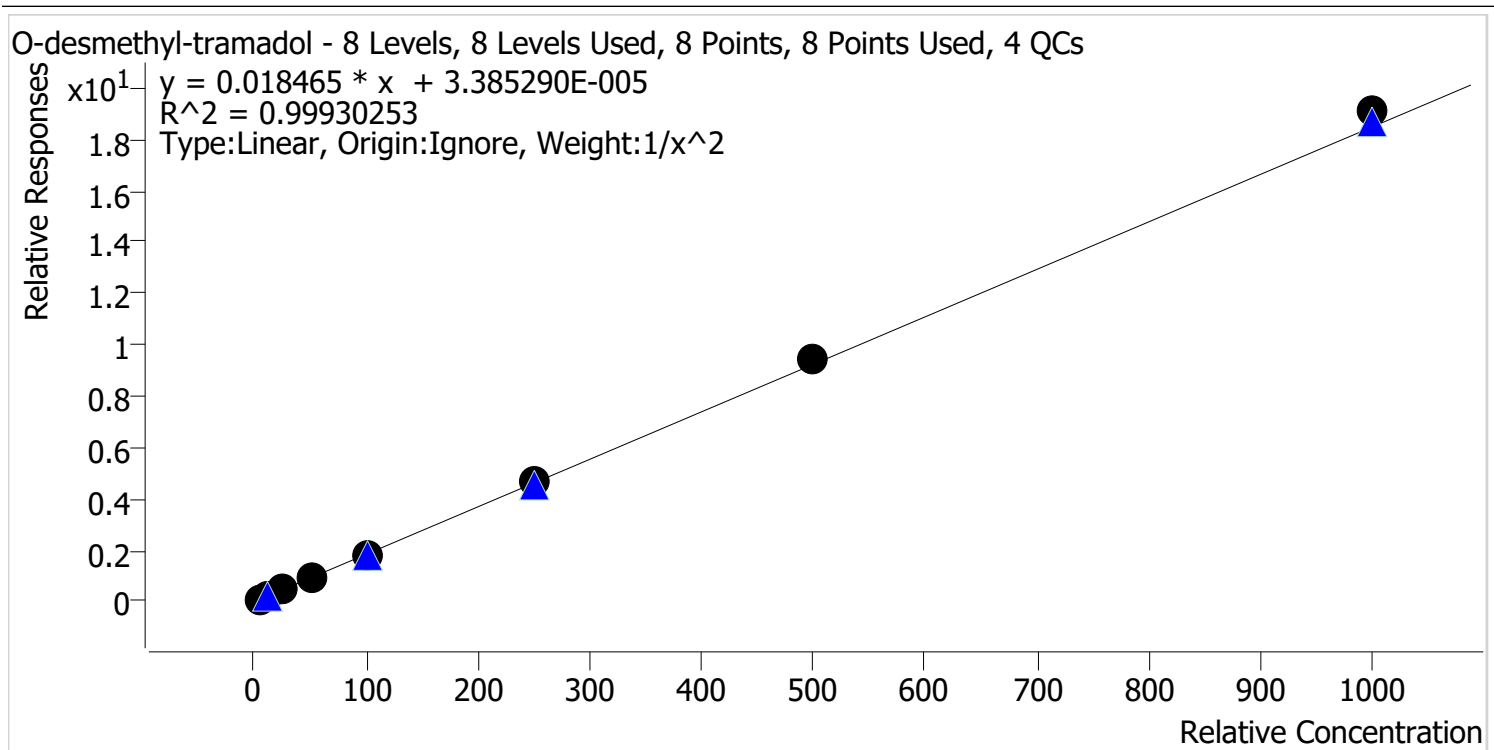


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.9 | 95.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.3 | 98.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 94.9 | 94.9 |
| cal 6 mdq | 6 | ✓ | 250.0 | 243.2 | 97.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 525.6 | 105.1 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1059.0 | 105.9 |

Compound Calibration Report

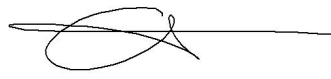


Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



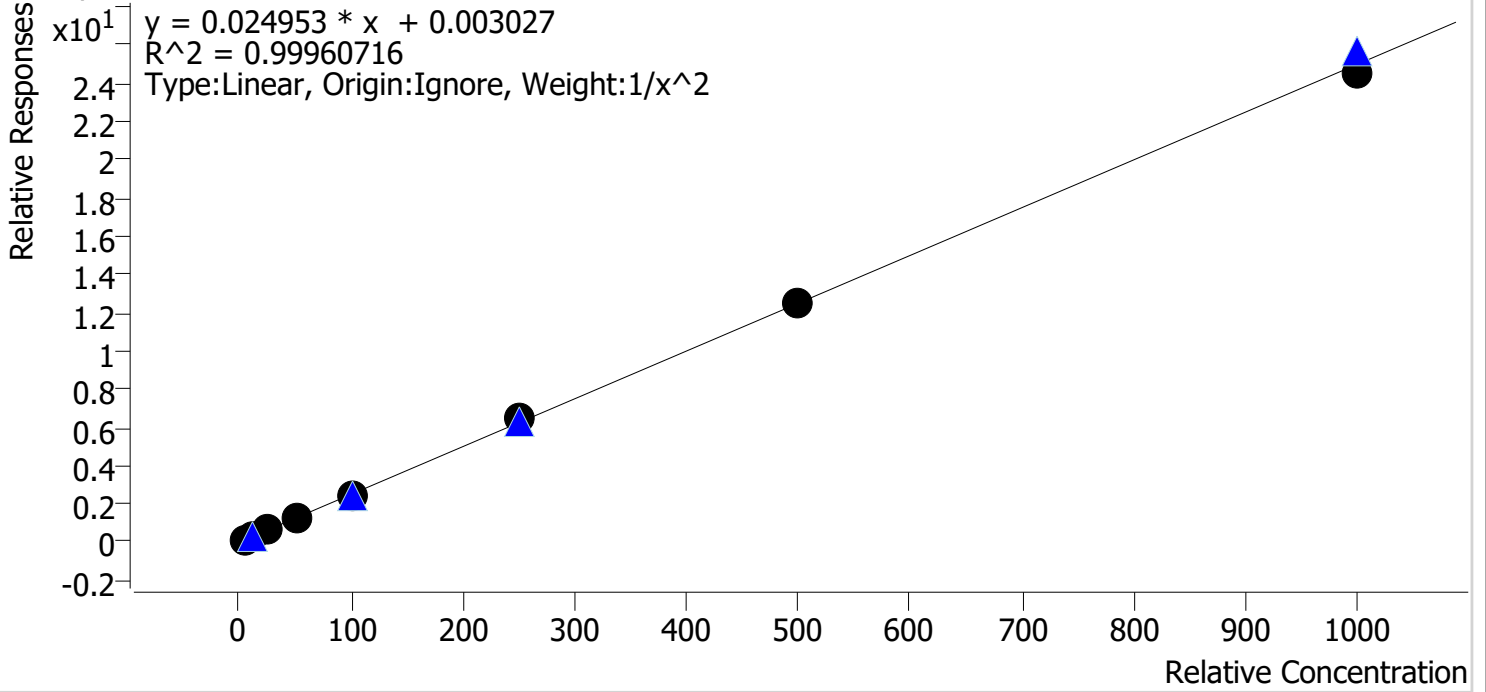
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 100.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.0 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.3 | 97.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 49.1 | 98.2 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.8 | 97.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.0 | 100.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 514.4 | 102.9 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1033.1 | 103.3 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



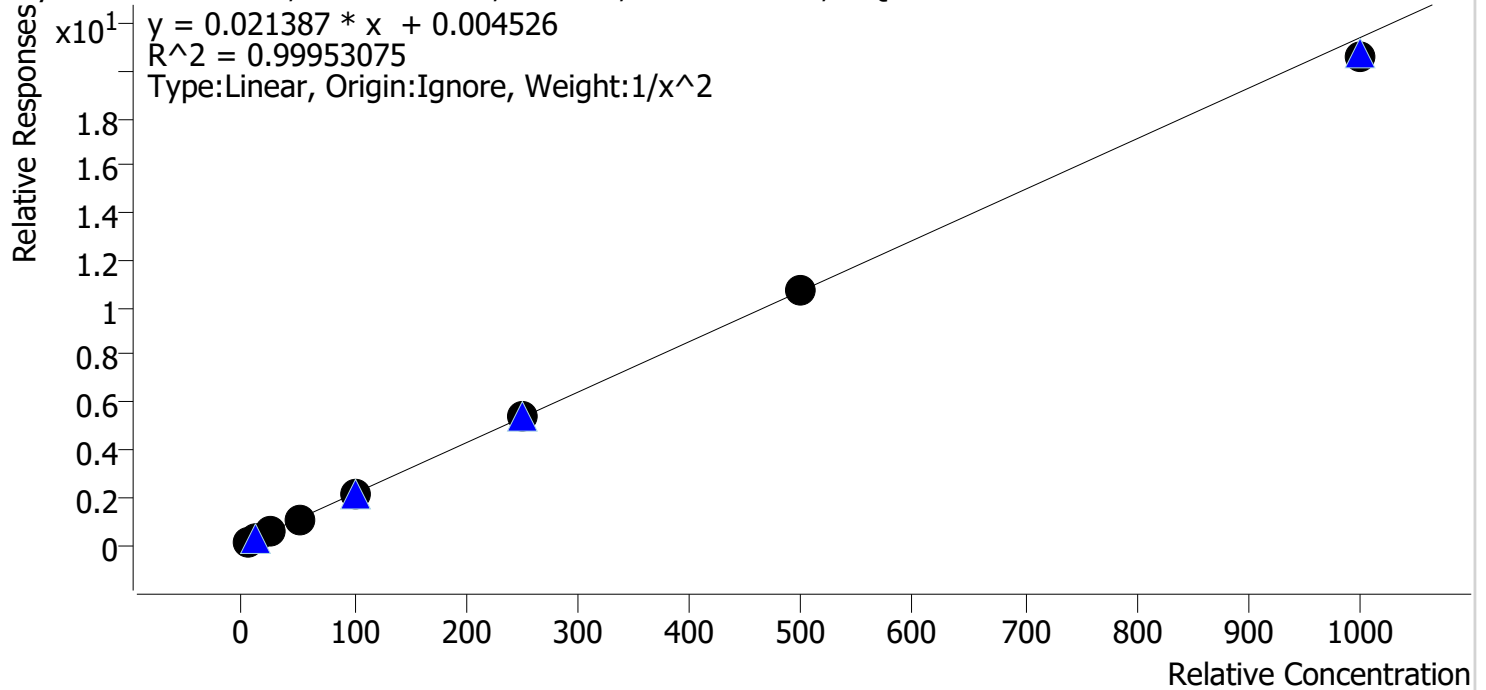
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.0 | 99.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.0 | 100.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.2 | 100.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.7 | 101.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 97.1 | 97.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 256.0 | 102.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 501.1 | 100.2 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 980.9 | 98.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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

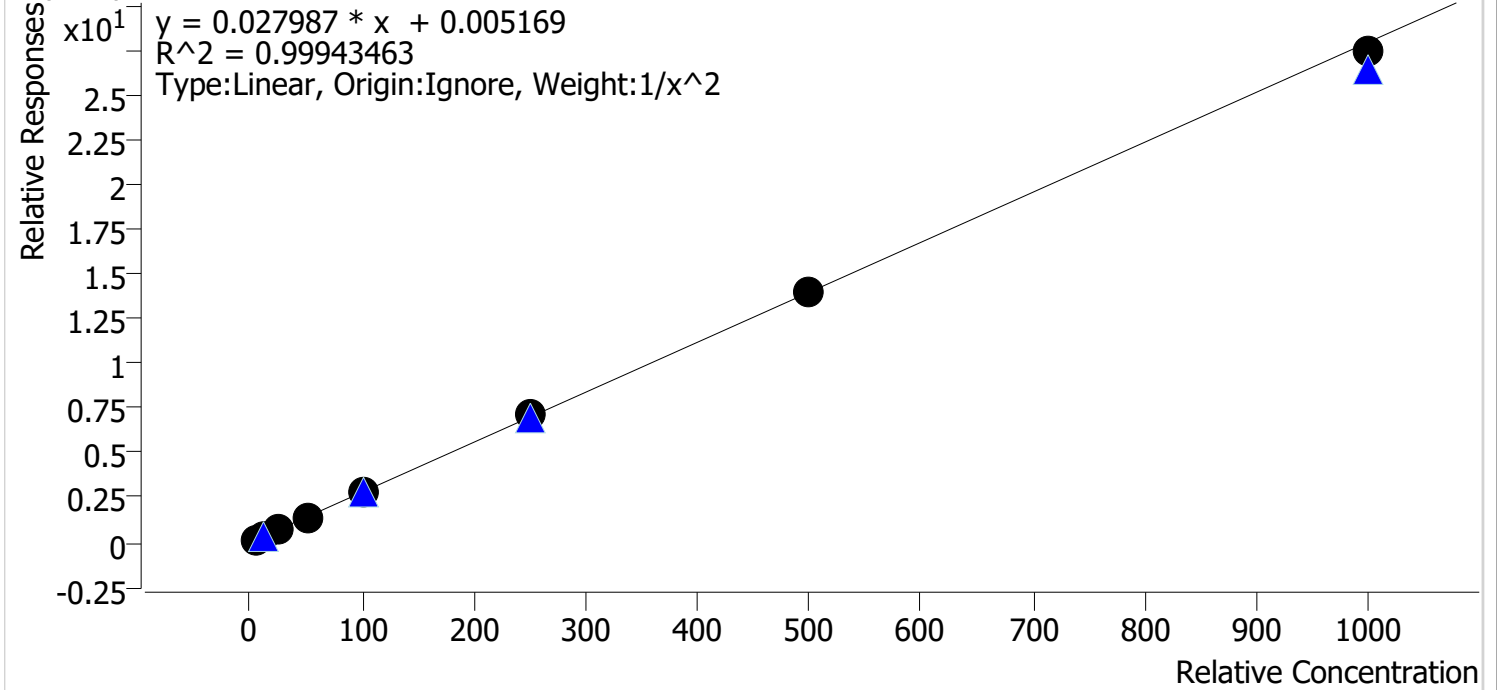


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.1 | 100.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 50.5 | 101.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.8 | 100.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 250.8 | 100.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 503.4 | 100.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 959.8 | 96.0 |

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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

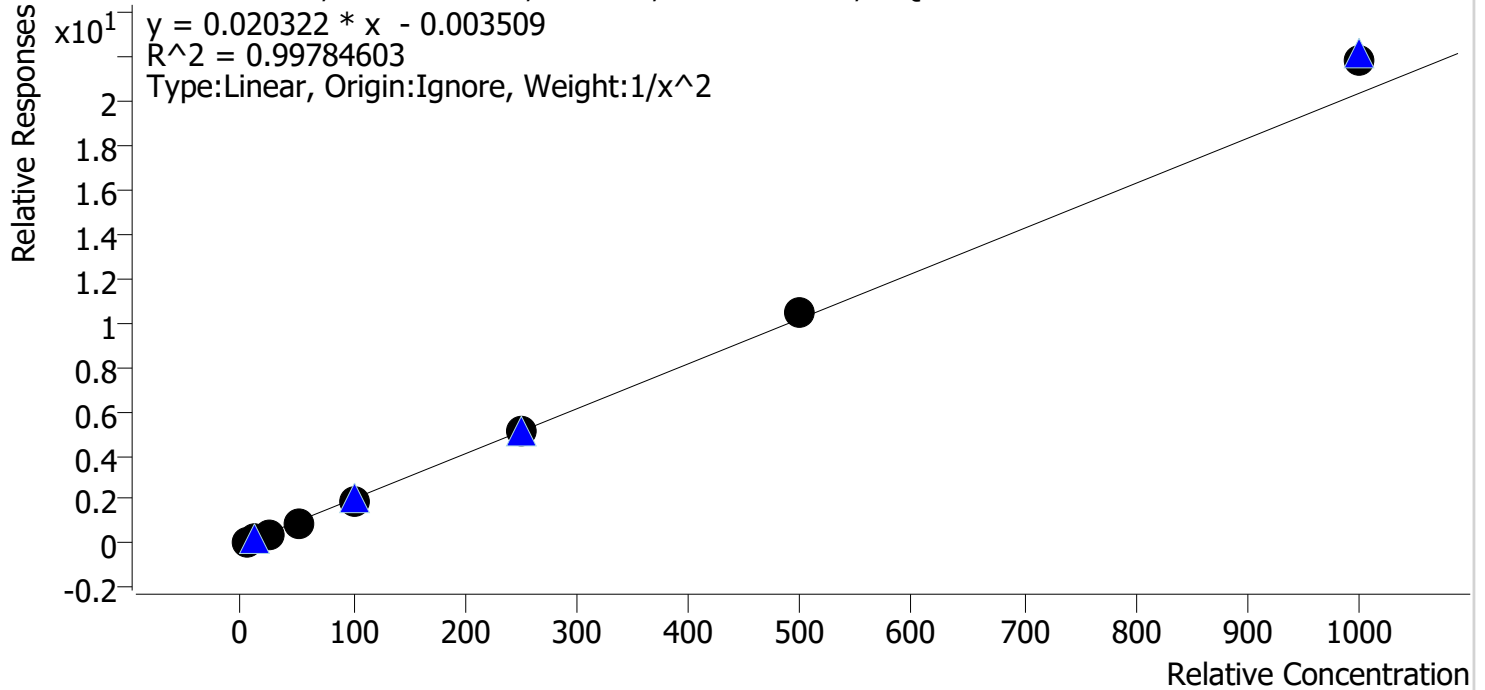


| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.7 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 101.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.4 | 101.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.0 | 101.9 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 253.2 | 101.3 |
| cal 7 mdq | 7 | ✓ | 500.0 | 499.2 | 99.8 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 981.4 | 98.1 |

Compound Calibration Report

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



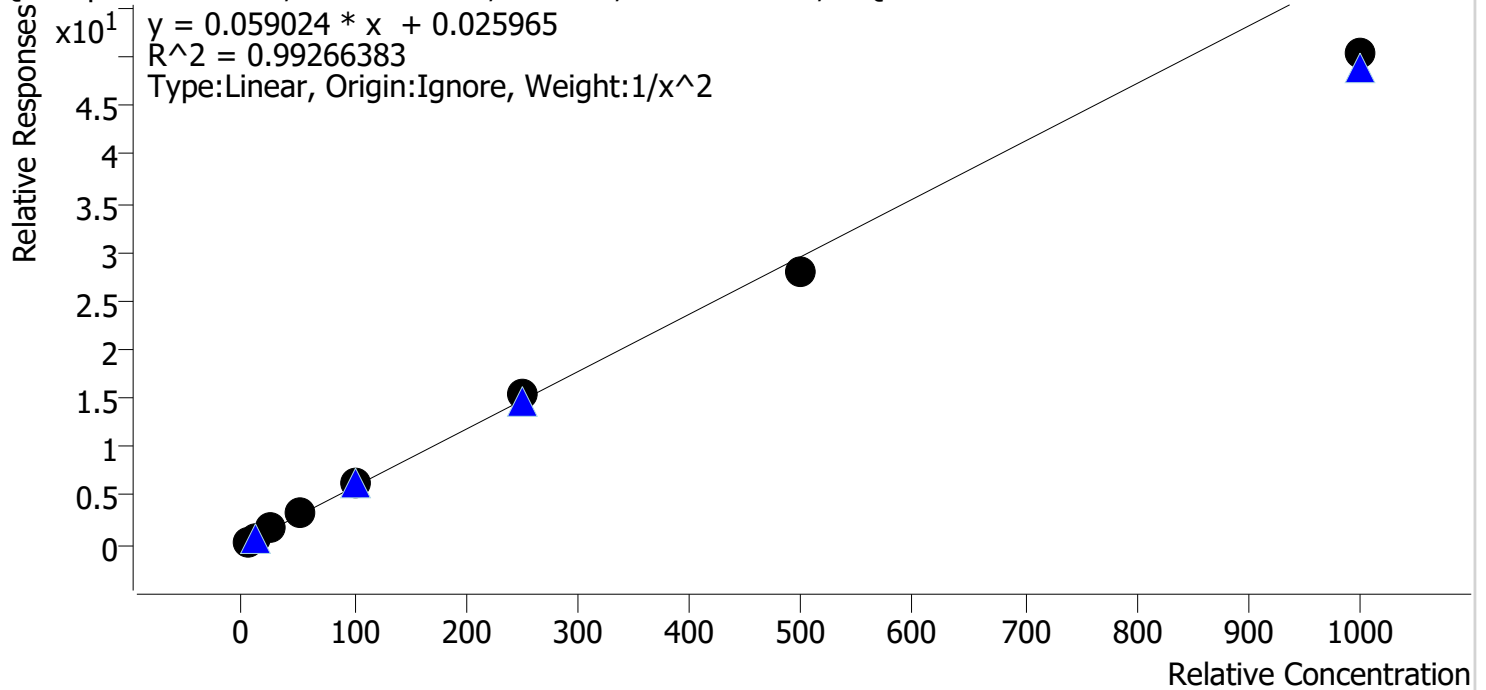
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.8 | 97.8 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.2 | 96.7 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.2 | 96.4 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 248.6 | 99.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 516.8 | 103.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1075.3 | 107.5 |

Compound Calibration Report



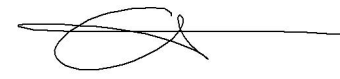
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



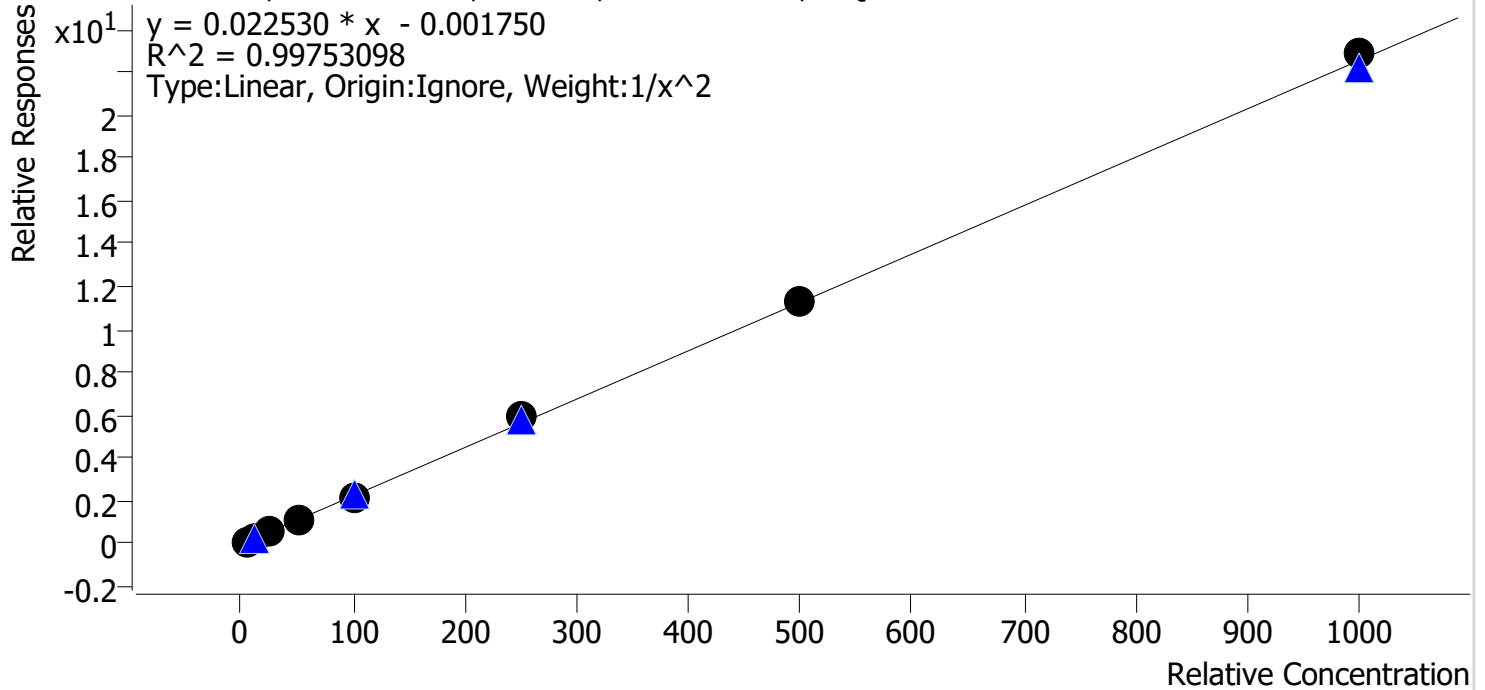
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 96.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.3 | 102.5 |
| cal 3 mdq | 3 | ✓ | 25.0 | 26.6 | 106.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 53.6 | 107.1 |
| cal 5 mdq | 5 | ✓ | 100.0 | 104.2 | 104.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 259.0 | 103.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 471.8 | 94.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 852.2 | 85.2 |

Compound Calibration Report



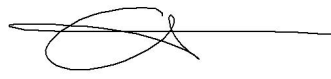
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

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



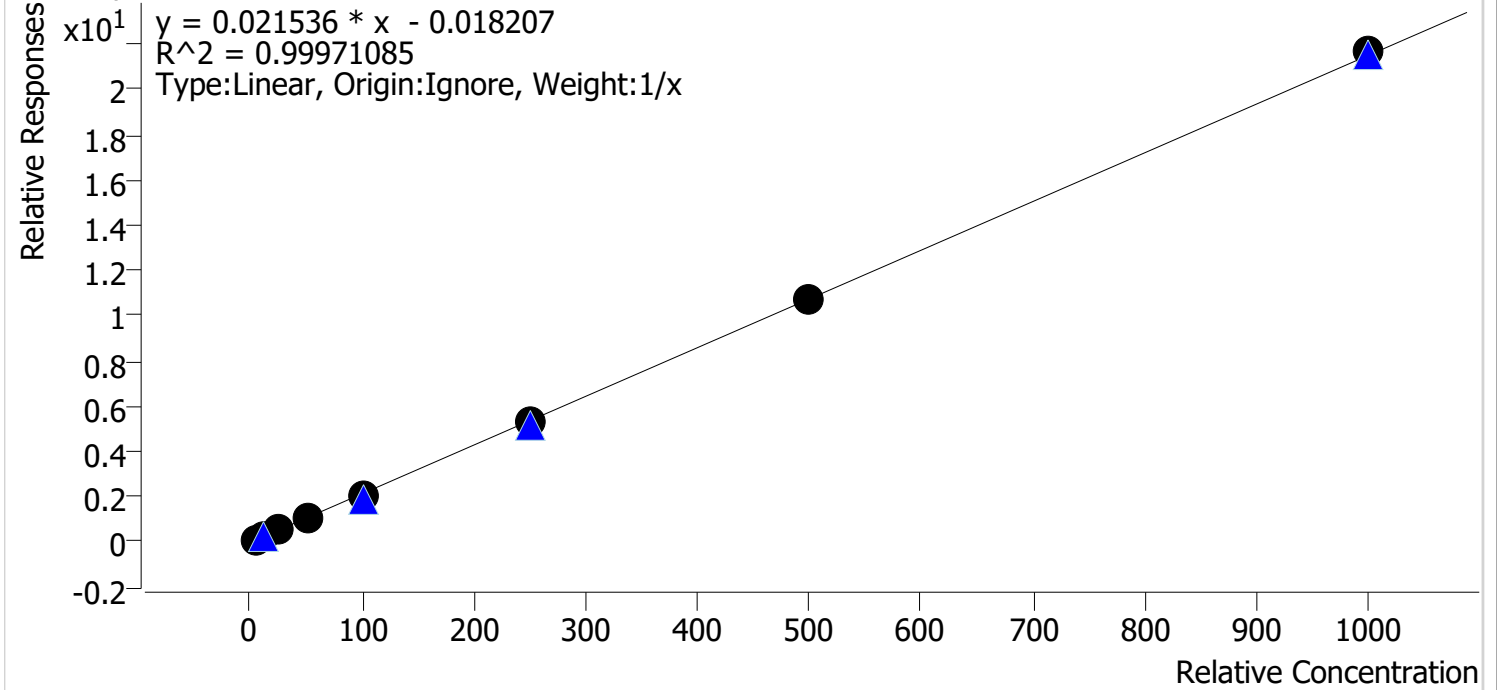
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.2 | 103.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.2 | 92.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.7 | 102.8 |
| cal 4 mdq | 4 | ✓ | 50.0 | 48.8 | 97.6 |
| cal 5 mdq | 5 | ✓ | 100.0 | 96.5 | 96.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 263.6 | 105.4 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.2 | 100.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1014.3 | 101.4 |

Compound Calibration Report



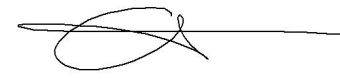
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



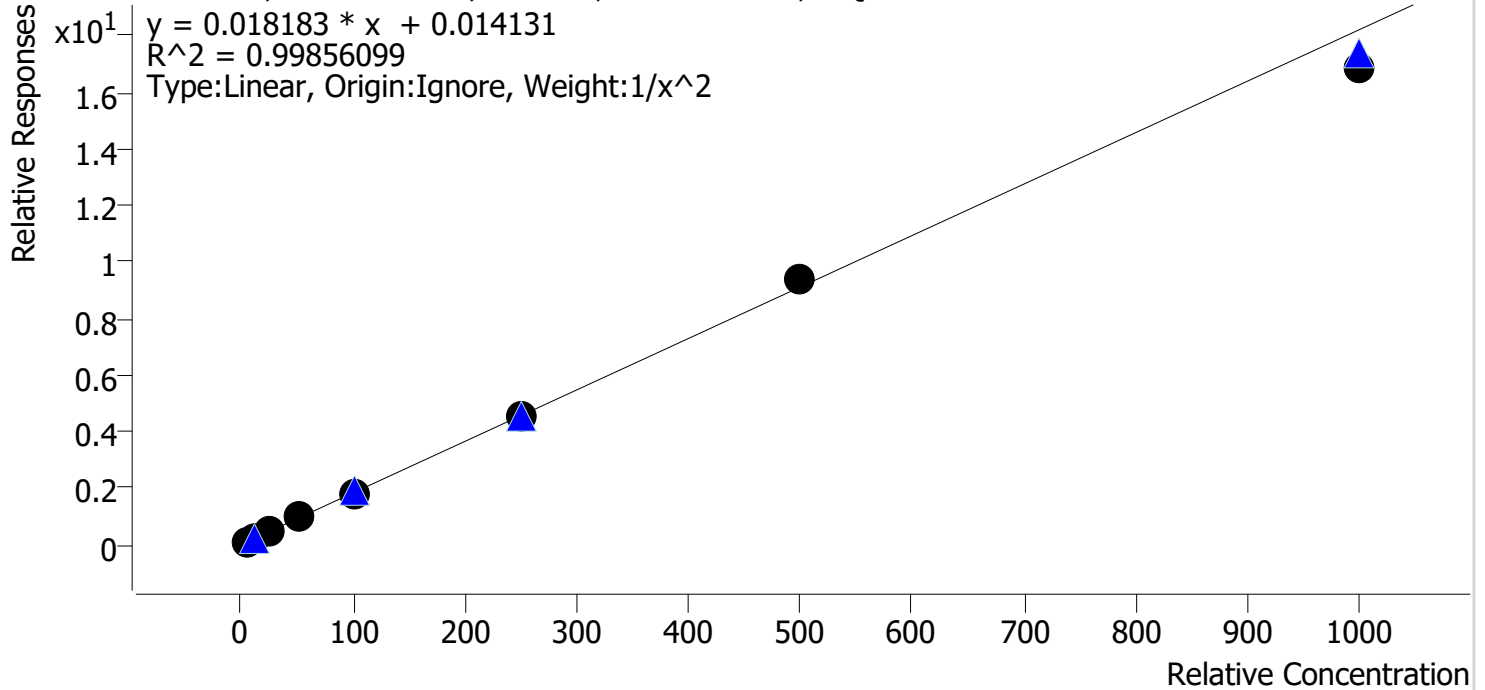
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.5 | 110.8 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 23.9 | 95.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.8 | 95.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 95.8 | 95.8 |
| cal 6 mdq | 6 | ✓ | 250.0 | 246.5 | 98.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.4 | 100.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1007.9 | 100.8 |

Compound Calibration Report



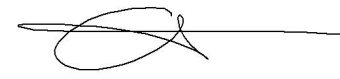
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



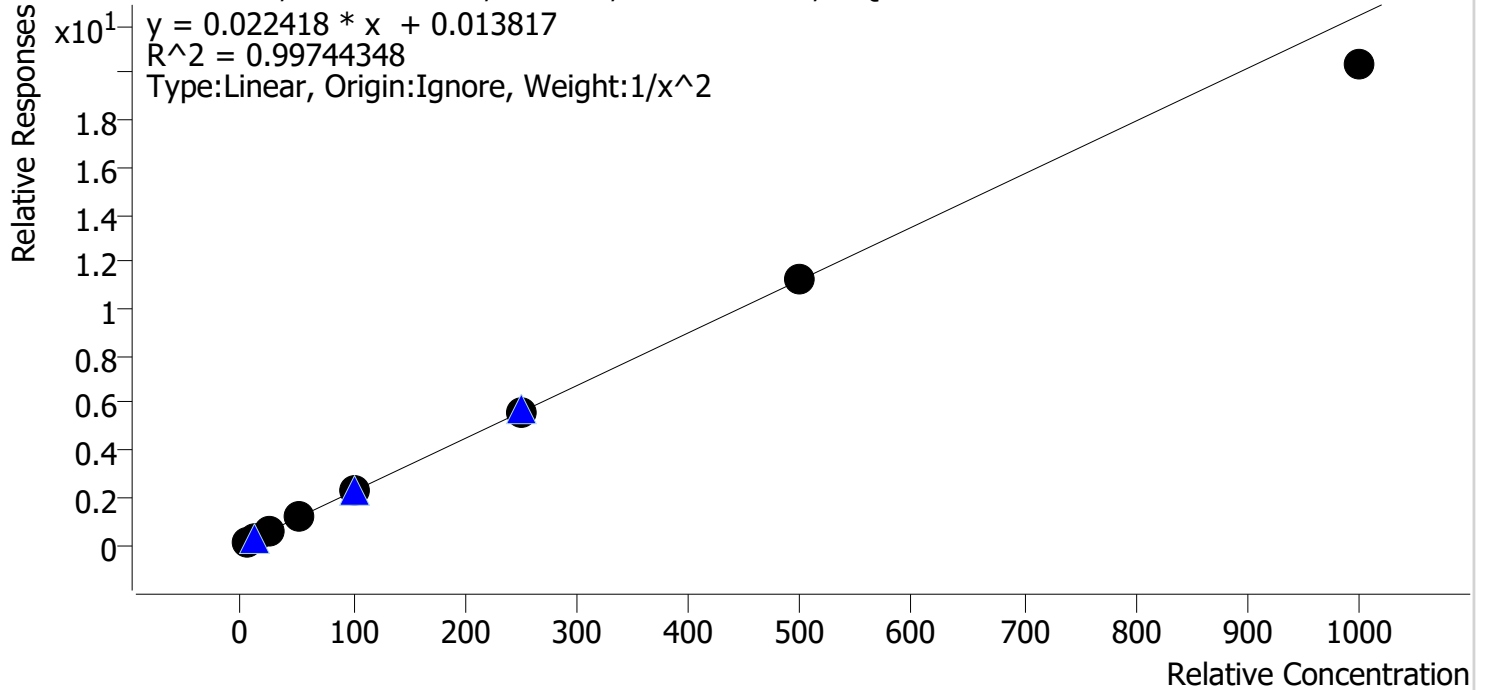
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 98.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 100.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.4 | 101.6 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.7 | 103.3 |
| cal 5 mdq | 5 | ✓ | 100.0 | 100.2 | 100.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 249.1 | 99.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 513.6 | 102.7 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 927.3 | 92.7 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

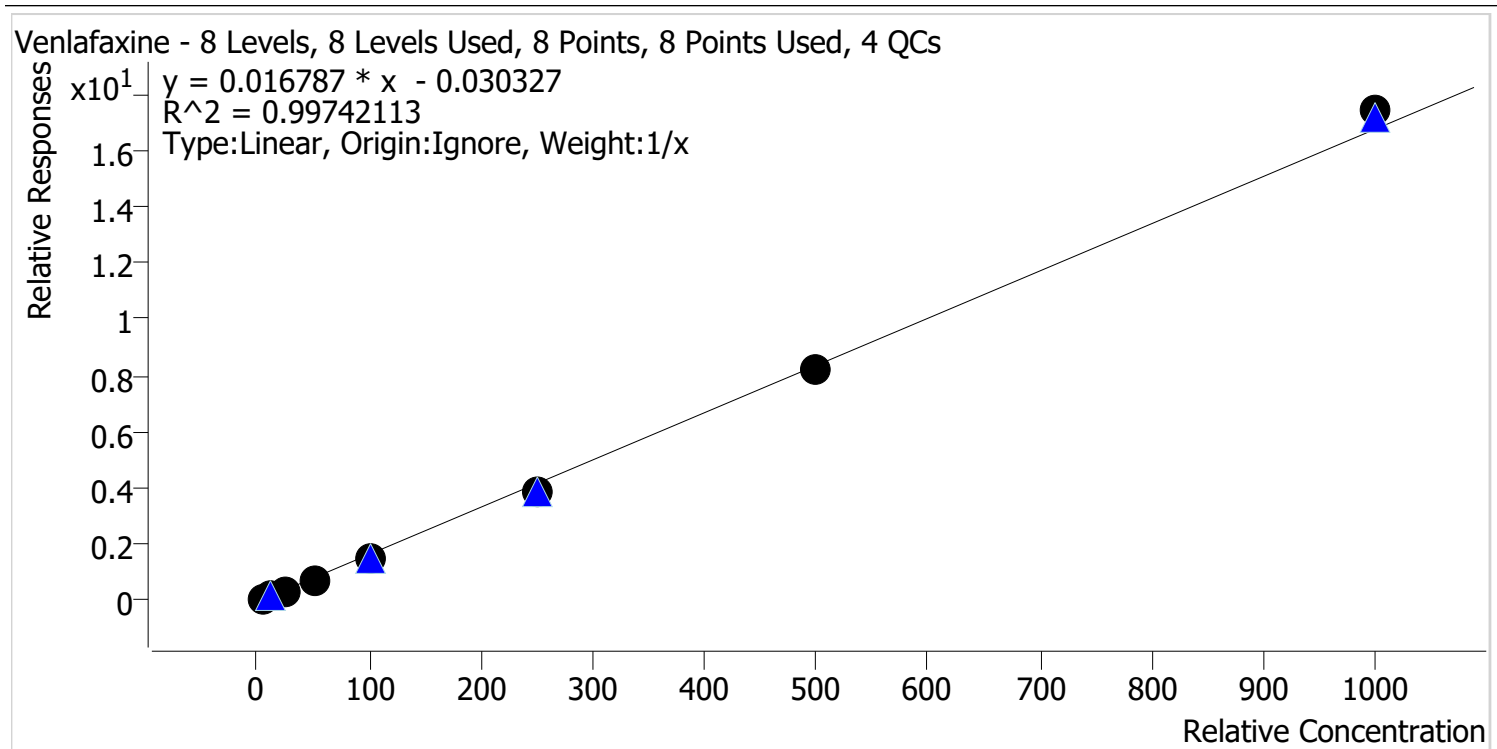
Trazodone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 104.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.3 | 101.0 |
| cal 4 mdq | 4 | ✓ | 50.0 | 51.2 | 102.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.0 | 103.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 252.3 | 100.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 502.4 | 100.5 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 904.8 | 90.5 |

Compound Calibration Report

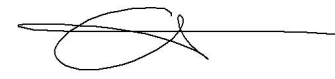
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



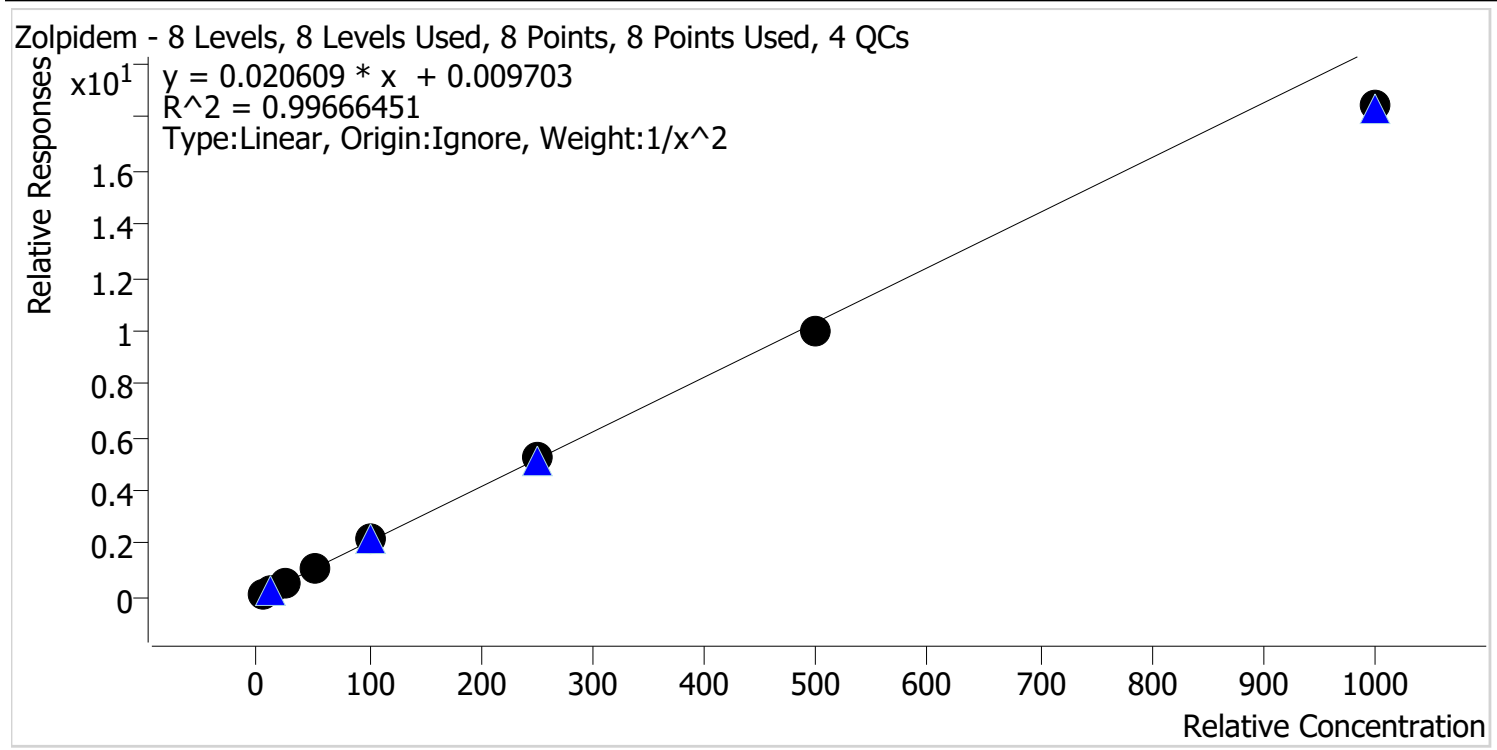
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 6.3 | 125.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.1 | 101.1 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.0 | 96.1 |
| cal 4 mdq | 4 | ✓ | 50.0 | 45.9 | 91.7 |
| cal 5 mdq | 5 | ✓ | 100.0 | 91.0 | 91.0 |
| cal 6 mdq | 6 | ✓ | 250.0 | 231.3 | 92.5 |
| cal 7 mdq | 7 | ✓ | 500.0 | 492.0 | 98.4 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1039.4 | 103.9 |

report as > than 10 for responses between 5 and 10 due accuracy of cal 1.

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



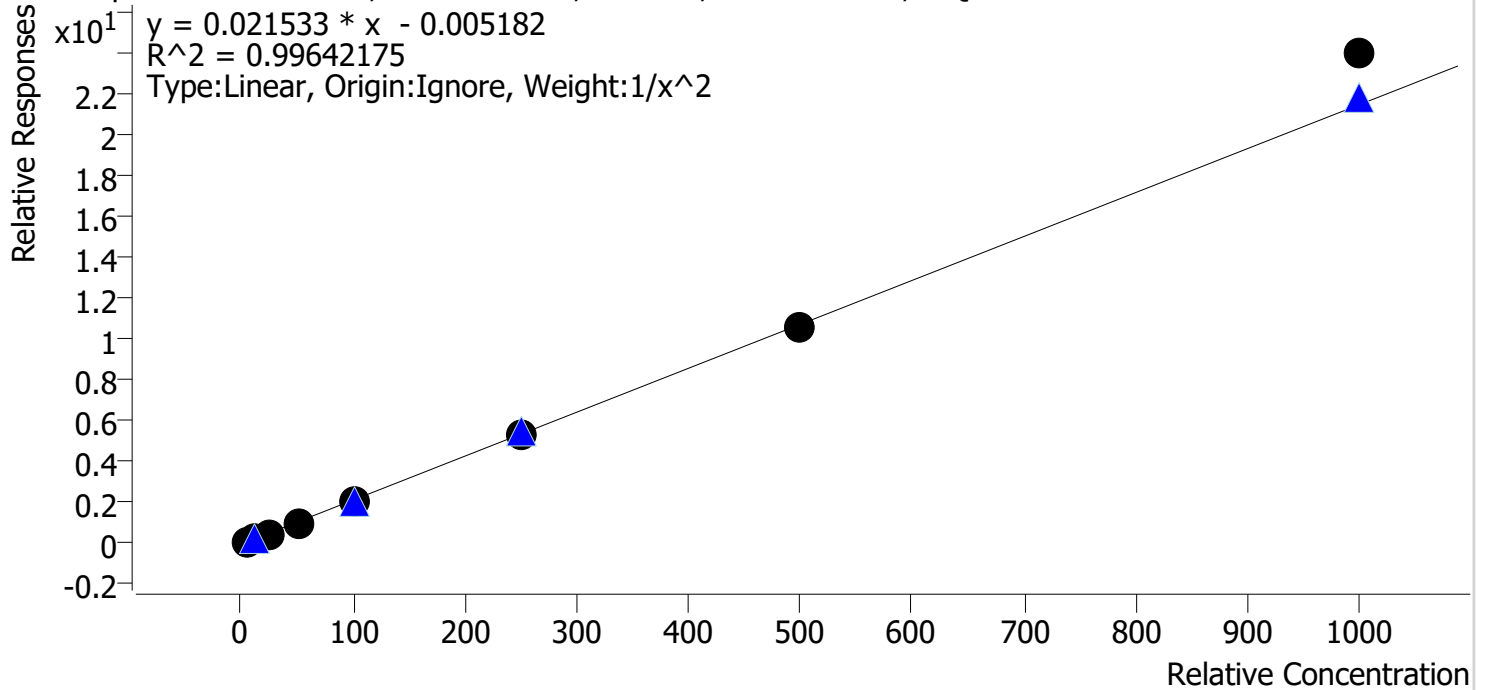
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.9 | 97.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.2 | 102.3 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.4 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.0 | 104.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 103.5 | 103.5 |
| cal 6 mdq | 6 | ✓ | 250.0 | 256.5 | 102.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 485.2 | 97.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 895.1 | 89.5 |

Compound Calibration Report



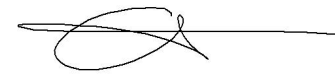
Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



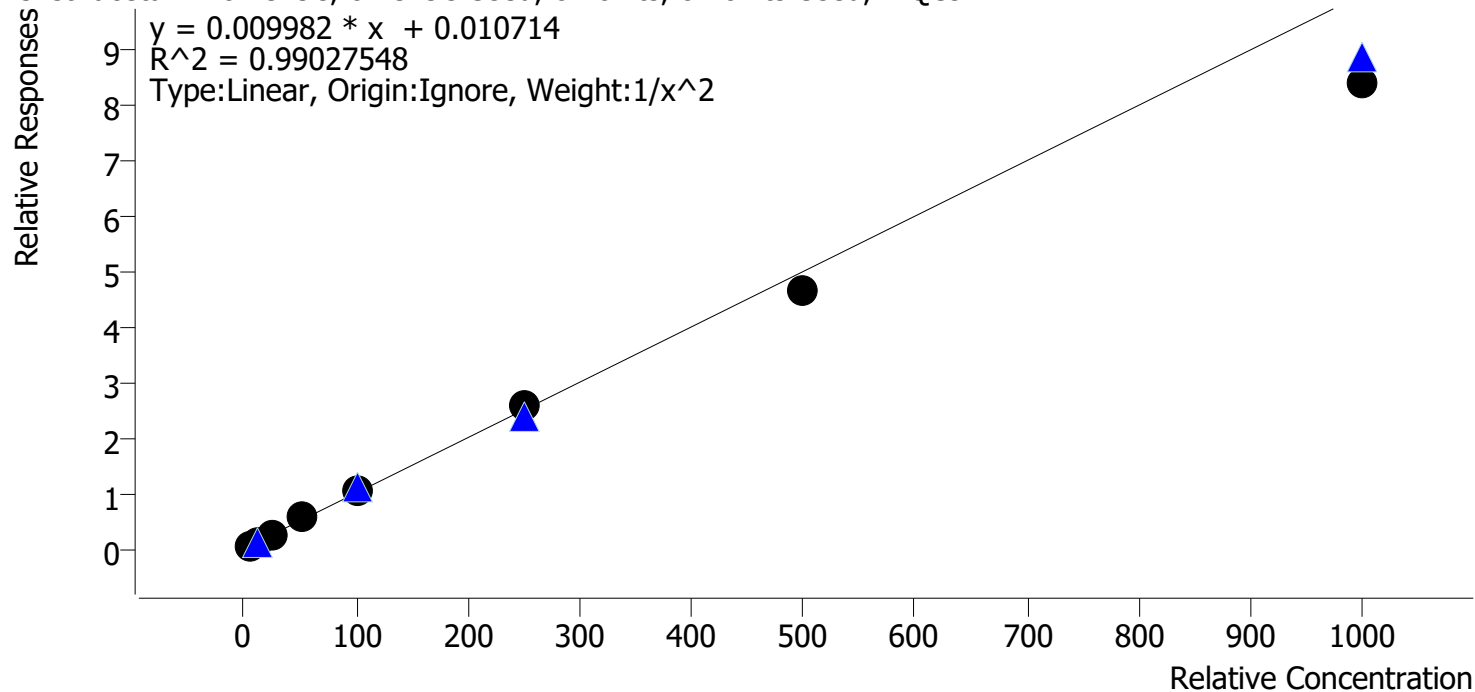
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 5.1 | 102.6 |
| cal 2 mdq | 2 | ✓ | 10.0 | 9.7 | 97.4 |
| cal 3 mdq | 3 | ✓ | 25.0 | 24.0 | 95.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 47.7 | 95.5 |
| cal 5 mdq | 5 | ✓ | 100.0 | 99.1 | 99.1 |
| cal 6 mdq | 6 | ✓ | 250.0 | 247.4 | 98.9 |
| cal 7 mdq | 7 | ✓ | 500.0 | 494.8 | 99.0 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 1116.4 | 111.6 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Methadone-D9

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



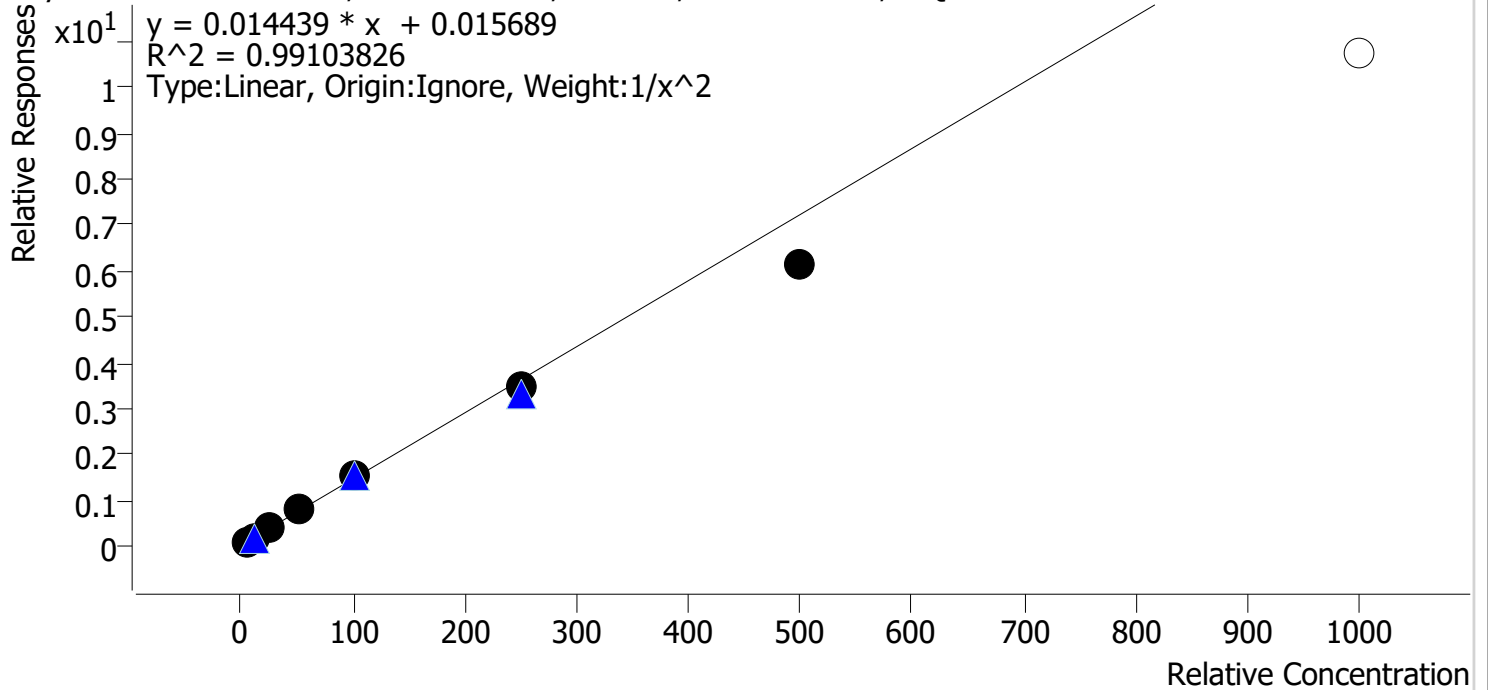
| Sample | Level | Enabled | Expected Concentration | Final Concentration | Accuracy |
|-----------|-------|---------|------------------------|---------------------|----------|
| cal 1 mdq | 1 | ✓ | 5.0 | 4.8 | 95.2 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.6 | 105.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 25.8 | 103.3 |
| cal 4 mdq | 4 | ✓ | 50.0 | 55.0 | 110.0 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.3 | 105.3 |
| cal 6 mdq | 6 | ✓ | 250.0 | 259.0 | 103.6 |
| cal 7 mdq | 7 | ✓ | 500.0 | 463.1 | 92.6 |
| cal 8 mdq | 8 | ✓ | 1000.0 | 840.8 | 84.1 |

Compound Calibration Report



Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Last Cal. Update 3/17/2022 10:20 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 | 95.9 |
| cal 2 mdq | 2 | ✓ | 10.0 | 10.4 | 103.9 |
| cal 3 mdq | 3 | ✓ | 25.0 | 27.0 | 107.9 |
| cal 4 mdq | 4 | ✓ | 50.0 | 52.9 | 105.8 |
| cal 5 mdq | 5 | ✓ | 100.0 | 105.2 | 105.2 |
| cal 6 mdq | 6 | ✓ | 250.0 | 239.9 | 96.0 |
| cal 7 mdq | 7 | ✓ | 500.0 | 426.6 | 85.3 |
| cal 8 mdq | 8 | ✗ | 1000.0 | 743.4 | 74.3 |

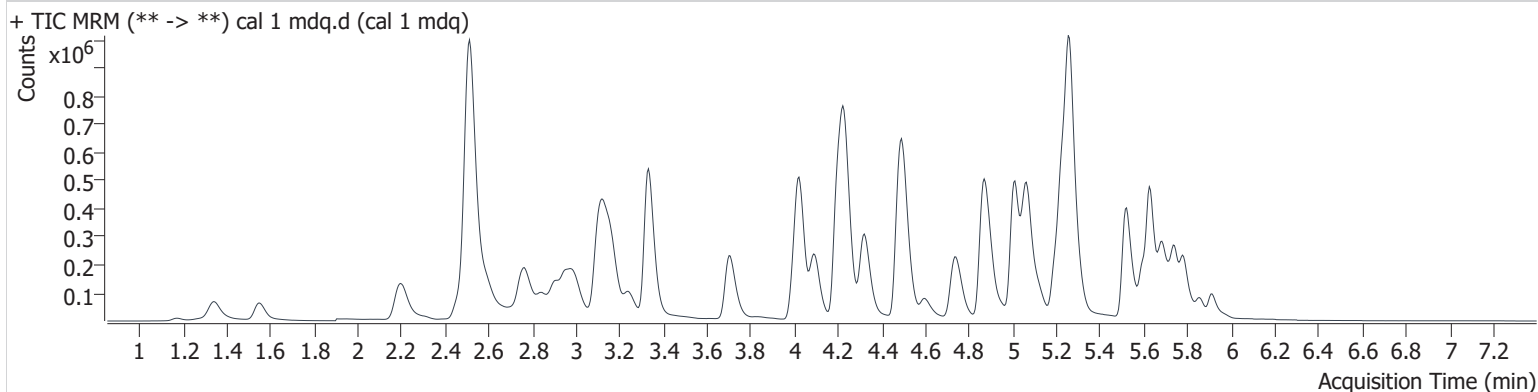
dropped cal 8 due to accuracy

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-A1 **Comment**
Injection Volume 3
Acq. Date-Time 3/16/2022 6:24:30 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|---------|------------|-------------|
| 6-MAM | 3.104 | 1522 | 1363.6 | 140.7 | 7494.7 | 83875 | 0.492 ng/ml |
| 7-aminoclonazepam | 4.243 | 31643 | ∞ | 72.1 | 6381.4 | 227412 | 5.153 ng/ml |
| a-hydroxyalprazolam | 5.666 | 2955 | 14652.6 | 73.6 | 9211.8 | 397359 | 4.782 ng/ml |
| alpha-PHP | 4.897 | 65502 | 80148.8 | 42.8 | 2336.1 | 140028 | 4.876 ng/ml |
| alpha-PVP | 4.332 | 94583 | 18903.6 | 52.3 | 2092.2 | 783476 | 5.066 ng/ml |
| Alprazolam | 5.746 | 35639 | ∞ | 94.0 | ∞ | 245544 | 4.479 ng/ml |
| Amphetamine | 2.996 | 88115 | 2094.8 | 225.7 | 15895.6 | 519110 | 4.878 ng/ml |
| Benzoylcegonine | 3.855 | 1725 | 55.2 | 61.5 | 35.1 | 11997 | 4.968 ng/ml |
| Buprenorphine | 5.759 | 3544 | 7683.1 | 13.5 | ∞ | 105334 | 0.520 ng/ml |
| Bupropion | 4.757 | 83305 | 2100.9 | 68.2 | 1156.1 | 686369 | 5.111 ng/ml |
| Carisoprodol | 5.701 | 24021 | 30940.4 | 59.3 | 278.3 | 214500 | 5.152 ng/ml |
| Citalopram | 5.196 | 65246 | 1174.5 | 40.2 | 91382.4 | 585424 | 4.973 ng/ml |
| Clonazepam | 5.594 | 17018 | 12737.5 | 38.3 | 8667.4 | 60603 | 5.038 ng/ml |
| Clonazepam | 5.535 | 23300 | 67689.4 | 40.0 | 11297.0 | 60603 | 5.328 ng/ml |
| Cocaine | 4.231 | 65838 | ∞ | 51.3 | ∞ | 1150118 | 5.032 ng/ml |
| Codeine | 2.532 | 10511 | 42646.4 | 90.2 | 11061.9 | 90838 | 4.723 ng/ml |
| Cyclobenzaprine | 5.601 | 58340 | 49290.0 | 8.9 | ∞ | 379483 | 5.025 ng/ml |
| Dextromethorphan | 5.234 | 44592 | ∞ | 77.3 | 62615.8 | 439787 | 4.994 ng/ml |
| Dextrophan | 4.094 | 58177 | 4888.9 | 45.5 | 95206.1 | 591147 | 5.621 ng/ml |
| Diazepam | 5.919 | 20157 | 2632.1 | 87.8 | ∞ | 195306 | 5.022 ng/ml |
| Dihydrocodeine | 2.500 | 25444 | 4183.0 | 62.0 | 2177.3 | 299668 | 4.794 ng/ml |
| Diphenhydramine | 5.267 | 194350 | 5030.1 | 34.0 | 1459.2 | 2194390 | 5.055 ng/ml |
| EDDP | 5.229 | 91797 | ∞ | 42.7 | 20739.0 | 974761 | 5.080 ng/ml |
| Etizolam | 5.786 | 16411 | 26181.8 | 27.6 | ∞ | 195306 | 4.965 ng/ml |
| Fentanyl | 5.076 | 6311 | 4359.0 | 113.9 | 12681.0 | 712783 | 0.546 ng/ml |
| Flualprazolam | 5.682 | 16341 | ∞ | 93.7 | ∞ | 245544 | 4.837 ng/ml |
| Fluoxetine | 5.688 | 37222 | ∞ | 7.5 | 1621.0 | 288012 | 4.920 ng/ml |
| Hydrocodone | 2.982 | 39023 | ∞ | 35.1 | ∞ | 386652 | 4.885 ng/ml |
| Hydromorphone | 1.557 | 27320 | ∞ | 76.2 | ∞ | 193143 | 4.960 ng/ml |
| Ketamine | 4.017 | 63240 | 1880731.4 | 35.6 | 305.8 | 606031 | 4.976 ng/ml |
| Lamotrigine | 4.254 | 6022 | 275.2 | 99.9 | 12444.2 | 246325 | 4.859 ng/ml |
| Levetiracetam | 2.594 | 58843 | 2666.4 | 224.0 | 7181.1 | 1010663 | 4.759 ng/ml |
| Lorazepam | 5.719 | 8768 | ∞ | 47.1 | 120.3 | 147625 | 5.039 ng/ml |



AM #28 Multi-Drug Quant. Results

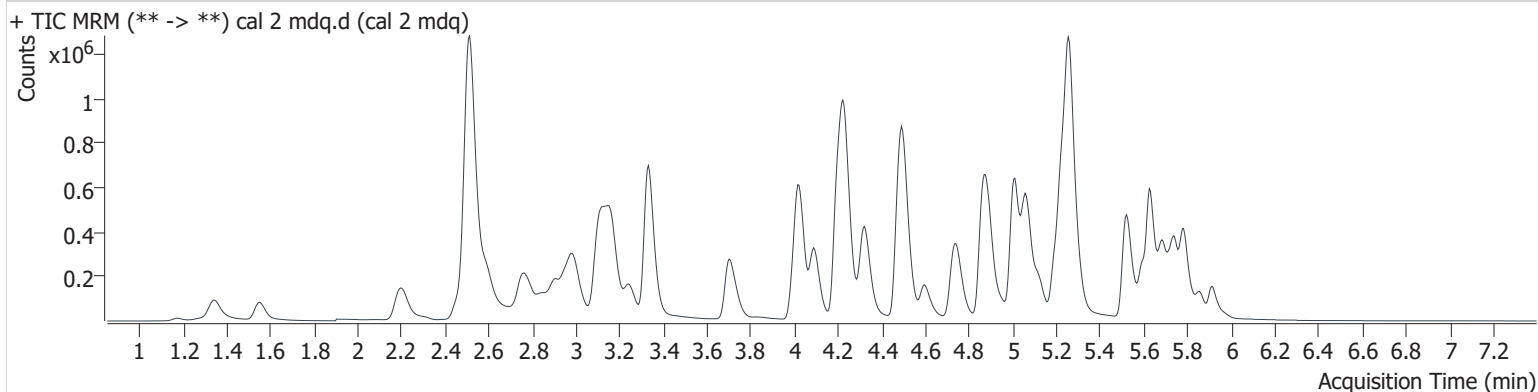
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|-----------|-------|------------|------------|-------------|
| MDA | 3.153 | 102209 | ∞ | 24.9 | 159.4 | 641352 | 4.744 ng/ml |
| MDMA | 3.250 | 64038 | ∞ | 97.0 | 3373.1 | 140028 | 4.992 ng/ml |
| Meprobamate | 4.887 | 22201 | 157095.1 | 29.0 | 397.6 | 214500 | 4.922 ng/ml |
| Methadone | 5.631 | 109623 | ∞ | 54.9 | 5141.4 | 1010663 | 5.076 ng/ml |
| Methamphetamine | 3.170 | 240865 | 1843.3 | 40.5 | 2206.6 | 1148331 | 4.849 ng/ml |
| Metoprolol | 4.294 | 15380 | 113856.9 | 102.9 | ∞ | 641352 | 5.109 ng/ml |
| Mirtazapine | 4.600 | 127167 | 121900.0 | 46.9 | 26194.6 | 1010663 | 5.008 ng/ml |
| Mitragynine | 5.205 | 23284 | 54789.9 | 36.3 | 10211.5 | 3360214 | 5.049 ng/ml |
| Morphine | 1.181 | 2707 | 3198.3 | 21.6 | 3211.4 | 8725 | 5.208 ng/ml |
| Norbuprenorphine | 4.971 | 648 | ∞ | 86.9 | 1594.5 | 20682 | 0.567 ng/ml |
| Nordiazepam | 5.868 | 18307 | ∞ | 63.3 | ∞ | 127398 | 4.878 ng/ml |
| Norfentanyl | 4.048 | 5395 | 556.6 | 32.4 | ∞ | 1155678 | 0.522 ng/ml |
| Noroxycodone | 2.864 | 29941 | 6402.7 | 46.9 | ∞ | 246325 | 4.990 ng/ml |
| O-desmethyl-tramadol | 3.337 | 147190 | 71178.3 | 6.3 | 1964.5 | 1580055 | 5.043 ng/ml |
| Oxazepam | 5.726 | 18818 | 640.6 | 71.0 | 322.3 | 147625 | 4.987 ng/ml |
| Oxycodone | 2.786 | 73920 | ∞ | 30.5 | ∞ | 671326 | 4.937 ng/ml |
| Oxymorphone | 1.344 | 40724 | ∞ | 45.3 | ∞ | 284354 | 4.933 ng/ml |
| Promethazine | 5.522 | 83642 | 107462.9 | 37.7 | 1340.2 | 833463 | 5.111 ng/ml |
| Pseudoephedrine | 2.524 | 353795 | 6920.4 | 24.0 | 3254.3 | 3360214 | 5.130 ng/ml |
| Quetiapine | 5.530 | 64411 | 2430268.1 | 59.3 | 11955160.1 | 207057 | 4.830 ng/ml |
| Sertraline | 5.746 | 10503 | ∞ | 96.3 | 5975.5 | 91360 | 5.181 ng/ml |
| Temazepam | 5.788 | 40170 | 1745.7 | 30.5 | 1445.2 | 397359 | 5.539 ng/ml |
| Tramadol | 4.212 | 160770 | 85413.2 | 3.4 | 106.3 | 1545121 | 4.945 ng/ml |
| Trazodone | 5.123 | 87613 | 92535.4 | 78.8 | ∞ | 713509 | 4.861 ng/ml |
| Venlafaxine | 5.010 | 111324 | 74931.0 | 37.4 | 805.0 | 1489777 | 6.258 ng/ml |
| Zolpidem | 4.889 | 153179 | 256109.1 | 29.5 | 190567.1 | 1389004 | 4.880 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-B1 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 6:33:33 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|--------|-----------|-------|----------|------------|--------------|
| 6-MAM | 3.104 | 3673 | ∞ | 134.7 | 9779.3 | 99601 | 1.037 ng/ml |
| 7-aminoclonazepam | 4.248 | 67812 | 3432.5 | 78.1 | 5492.2 | 266273 | 9.368 ng/ml |
| a-hydroxyalprazolam | 5.672 | 10180 | ∞ | 63.6 | 19197.5 | 699425 | 10.318 ng/ml |
| alpha-PHP | 4.897 | 158018 | 640526.5 | 41.0 | 3324.3 | 164618 | 10.238 ng/ml |
| alpha-PVP | 4.332 | 220431 | 10567.6 | 53.8 | 11306.1 | 934030 | 9.844 ng/ml |
| Alprazolam | 5.746 | 98704 | 3623.9 | 88.0 | ∞ | 325344 | 10.142 ng/ml |
| Amphetamine | 2.991 | 195297 | 3325.1 | 226.7 | 7074.3 | 647572 | 10.040 ng/ml |
| Benzoylcegonine | 3.860 | 4105 | 6567.9 | 55.1 | 116.5 | 14625 | 10.287 ng/ml |
| Buprenorphine | 5.759 | 8277 | ∞ | 14.7 | 3051.2 | 126778 | 1.023 ng/ml |
| Bupropion | 4.751 | 208730 | 6832.9 | 66.8 | 5597.0 | 922697 | 9.646 ng/ml |
| Carisoprodol | 5.706 | 63379 | 140806.1 | 66.3 | 696.0 | 299755 | 9.553 ng/ml |
| Citalopram | 5.196 | 149975 | 2375.7 | 39.5 | 34047.6 | 660620 | 10.150 ng/ml |
| Clonazepam | 5.589 | 52490 | 140510.0 | 35.7 | 26810.4 | 103913 | 9.606 ng/ml |
| Clonazolam | 5.535 | 60396 | 198965.6 | 41.5 | 20216.7 | 103913 | 8.263 ng/ml |
| Cocaine | 4.231 | 154264 | 1691886.5 | 50.9 | 10399.2 | 1365853 | 9.941 ng/ml |
| Codeine | 2.532 | 25400 | 37156.6 | 89.2 | 5564.7 | 108286 | 10.665 ng/ml |
| Cyclobenzaprine | 5.601 | 110191 | 49313.1 | 8.7 | 3689.7 | 364318 | 10.013 ng/ml |
| Dextromethorphan | 5.234 | 99852 | 5657.3 | 77.8 | 76389.6 | 483847 | 10.038 ng/ml |
| Dextrorphan | 4.094 | 139110 | 21860.2 | 45.1 | 74176.6 | 723560 | 10.149 ng/ml |
| Diazepam | 5.919 | 57451 | 26168.4 | 88.0 | 180546.5 | 284300 | 9.925 ng/ml |
| Dihydrocodeine | 2.495 | 58551 | 2149.8 | 60.2 | 2811.3 | 353479 | 10.385 ng/ml |
| Diphenhydramine | 5.261 | 454641 | 41520.7 | 32.8 | 709616.3 | 2484136 | 10.056 ng/ml |
| EDDP | 5.229 | 208399 | ∞ | 43.7 | ∞ | 1126471 | 9.822 ng/ml |
| Etizolam | 5.786 | 45003 | 93984.1 | 25.8 | 9213.5 | 284300 | 9.889 ng/ml |
| Fentanyl | 5.071 | 12969 | ∞ | 120.6 | ∞ | 767109 | 0.986 ng/ml |
| Flualprazolam | 5.682 | 45640 | 35001.8 | 94.4 | 216325.2 | 325344 | 10.512 ng/ml |
| Fluoxetine | 5.683 | 64312 | ∞ | 6.7 | 6698.3 | 235015 | 10.400 ng/ml |
| Hydrocodone | 2.977 | 88645 | ∞ | 36.4 | ∞ | 477105 | 10.009 ng/ml |
| Hydromorphone | 1.557 | 59399 | ∞ | 64.5 | ∞ | 202327 | 10.070 ng/ml |
| Ketamine | 4.017 | 146243 | 16474.3 | 35.7 | 661.7 | 724387 | 9.996 ng/ml |
| Lamotrigine | 4.259 | 14023 | 17681.5 | 90.5 | 17762.5 | 289304 | 10.216 ng/ml |
| Levetiracetam | 2.594 | 129946 | 5981.4 | 224.2 | 8210.2 | 1115761 | 10.594 ng/ml |
| Lorazepam | 5.719 | 28279 | ∞ | 47.0 | ∞ | 232357 | 10.257 ng/ml |



AM #28 Multi-Drug Quant. Results

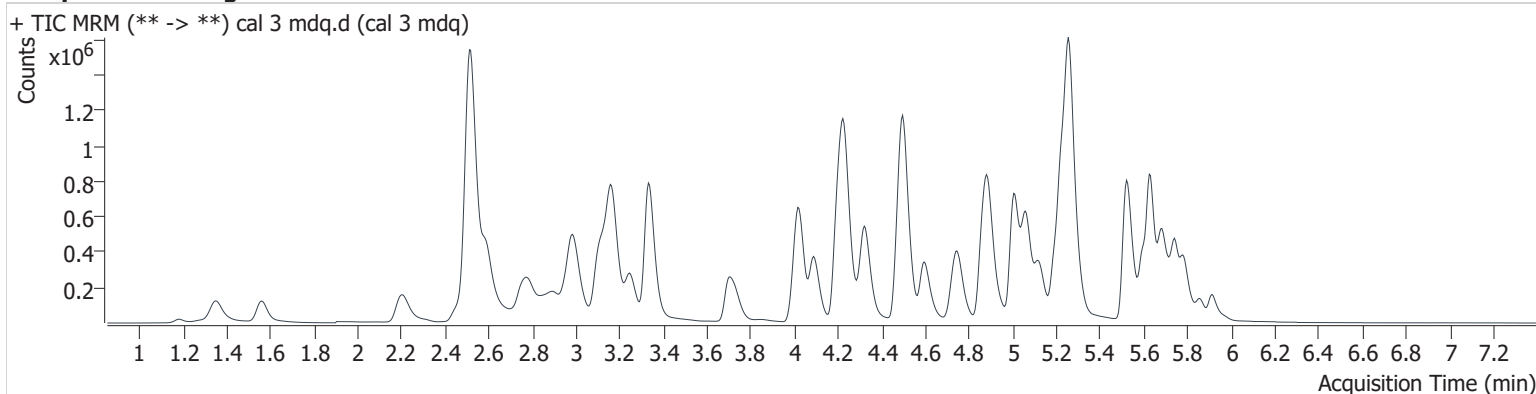
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|--------|----------|-------|----------|------------|--------------|
| MDA | 3.153 | 232985 | 4790.7 | 28.0 | ∞ | 729608 | 10.517 ng/ml |
| MDMA | 3.250 | 147044 | ∞ | 97.1 | 8348.1 | 164618 | 9.988 ng/ml |
| Meprobamate | 4.887 | 56219 | 113417.7 | 30.7 | ∞ | 299755 | 9.546 ng/ml |
| Methadone | 5.631 | 244403 | ∞ | 55.9 | 584786.1 | 1115761 | 9.940 ng/ml |
| Methamphetamine | 3.170 | 429303 | 4181.8 | 40.7 | 4697.8 | 1337662 | 10.181 ng/ml |
| Metoprolol | 4.294 | 36491 | 5755.1 | 100.9 | 4042.8 | 729608 | 9.815 ng/ml |
| Mirtazapine | 4.595 | 291621 | ∞ | 46.8 | 11143.6 | 1115761 | 10.286 ng/ml |
| Mitragynine | 5.205 | 51291 | 19492.2 | 35.3 | 14137.3 | 3935125 | 9.572 ng/ml |
| Morphine | 1.181 | 5349 | 12815.8 | 23.3 | 663.3 | 9488 | 8.954 ng/ml |
| Norbuprenorphine | 4.961 | 1350 | 1760.9 | 87.2 | 739.8 | 26944 | 0.972 ng/ml |
| Nordiazepam | 5.868 | 54175 | ∞ | 58.3 | 112569.8 | 182125 | 10.457 ng/ml |
| Norfentanyl | 4.048 | 11559 | 923.8 | 36.3 | ∞ | 1323859 | 0.969 ng/ml |
| Noroxycodone | 2.864 | 73755 | ∞ | 46.0 | ∞ | 289304 | 10.294 ng/ml |
| O-desmethyl-tramadol | 3.337 | 345965 | 53985.4 | 6.3 | 2428.6 | 1874140 | 9.995 ng/ml |
| Oxazepam | 5.726 | 58737 | ∞ | 72.8 | ∞ | 232357 | 10.009 ng/ml |
| Oxycodone | 2.786 | 179467 | ∞ | 29.5 | ∞ | 804833 | 10.214 ng/ml |
| Oxymorphone | 1.349 | 96842 | ∞ | 44.1 | ∞ | 333466 | 10.192 ng/ml |
| Promethazine | 5.522 | 153989 | ∞ | 40.3 | 3760.3 | 788512 | 9.782 ng/ml |
| Pseudoephedrine | 2.519 | 804651 | 37470.1 | 24.2 | 10364.4 | 3935125 | 9.737 ng/ml |
| Quetiapine | 5.530 | 153558 | 86429.3 | 63.5 | 196002.3 | 243329 | 10.252 ng/ml |
| Sertraline | 5.746 | 14584 | 41452.3 | 108.7 | 15323.1 | 70756 | 9.227 ng/ml |
| Temazepam | 5.788 | 141541 | 5972.6 | 28.7 | 1697.7 | 699425 | 10.242 ng/ml |
| Tramadol | 4.212 | 363662 | 296481.7 | 3.7 | 300.9 | 1840442 | 10.090 ng/ml |
| Trazodone | 5.123 | 198529 | ∞ | 80.2 | ∞ | 800934 | 10.441 ng/ml |
| Venlafaxine | 5.010 | 249530 | 26641.5 | 38.9 | 2033.8 | 1790281 | 10.109 ng/ml |
| Zolpidem | 4.889 | 363328 | 981577.2 | 29.0 | ∞ | 1646804 | 10.235 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-C1 **Comment**
Injection Volume 3
Acq. Date-Time 3/16/2022 6:42:35 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|------------|-------|-----------|------------|--------------|
| 6-MAM | 3.109 | 7966 | ∞ | 136.9 | 239939.3 | 92679 | 2.466 ng/ml |
| 7-aminoclonazepam | 4.243 | 159348 | 6691.8 | 75.1 | 89662.4 | 231640 | 25.178 ng/ml |
| a-hydroxyalprazolam | 5.672 | 14479 | ∞ | 59.9 | ∞ | 391632 | 27.750 ng/ml |
| alpha-PHP | 4.897 | 364681 | 10893.9 | 40.2 | 11399.2 | 150704 | 26.143 ng/ml |
| alpha-PVP | 4.327 | 508784 | 39191.5 | 52.7 | 19536.6 | 856124 | 24.694 ng/ml |
| Alprazolam | 5.746 | 178251 | 7395.5 | 92.7 | 3440.7 | 241070 | 25.746 ng/ml |
| Amphetamine | 2.991 | 423325 | 12064.9 | 223.9 | 23386.4 | 563748 | 27.632 ng/ml |
| Benzoylcegonine | 3.860 | 8429 | 24476.9 | 60.8 | 860.3 | 13244 | 24.113 ng/ml |
| Buprenorphine | 5.759 | 17265 | 21600.3 | 16.7 | 4803.5 | 109320 | 2.495 ng/ml |
| Bupropion | 4.751 | 453256 | 18148.1 | 66.2 | 5868.1 | 777888 | 25.065 ng/ml |
| Carisoprodol | 5.706 | 108678 | 1709636.3 | 63.9 | ∞ | 197585 | 24.535 ng/ml |
| Citalopram | 5.196 | 355411 | 3869.1 | 40.6 | 160646.1 | 636479 | 24.993 ng/ml |
| Clonazepam | 5.594 | 75238 | 68323.3 | 37.8 | 7032.1 | 57009 | 26.199 ng/ml |
| Clonazolam | 5.535 | 111788 | 34983.1 | 40.2 | ∞ | 57009 | 28.839 ng/ml |
| Cocaine | 4.231 | 348705 | 238761.0 | 50.8 | 182195.0 | 1244658 | 24.678 ng/ml |
| Codeine | 2.526 | 53433 | 21802.1 | 94.4 | ∞ | 96224 | 26.700 ng/ml |
| Cyclobenzaprine | 5.601 | 361134 | 5031123.0 | 8.1 | ∞ | 492309 | 24.474 ng/ml |
| Dextromethorphan | 5.234 | 248410 | 5698.7 | 74.0 | 8082.9 | 473329 | 25.339 ng/ml |
| Dextrorphan | 4.094 | 308621 | ∞ | 46.2 | 2793446.2 | 639688 | 24.148 ng/ml |
| Diazepam | 5.919 | 104738 | 3839.6 | 87.3 | ∞ | 210341 | 24.598 ng/ml |
| Dihydrocodeine | 2.490 | 131628 | 2423.6 | 59.8 | 481.1 | 324831 | 26.977 ng/ml |
| Diphenhydramine | 5.261 | 1067411 | 52107.5 | 33.0 | 17664.1 | 2401179 | 23.901 ng/ml |
| EDDP | 5.229 | 502144 | 3552709.2 | 43.0 | ∞ | 1063948 | 24.801 ng/ml |
| Etizolam | 5.781 | 85838 | 7391.1 | 23.4 | ∞ | 210341 | 26.451 ng/ml |
| Fentanyl | 5.071 | 37111 | 5820.1 | 113.6 | 68564.2 | 831156 | 2.504 ng/ml |
| Flualprazolam | 5.682 | 80969 | ∞ | 99.0 | ∞ | 241070 | 25.568 ng/ml |
| Fluoxetine | 5.683 | 255525 | 9212167.1 | 7.3 | 17973.6 | 394593 | 24.591 ng/ml |
| Hydrocodone | 2.982 | 198773 | ∞ | 35.1 | ∞ | 421697 | 27.249 ng/ml |
| Hydromorphone | 1.567 | 150872 | ∞ | 70.6 | ∞ | 197016 | 25.931 ng/ml |
| Ketamine | 4.017 | 331672 | 14517349.0 | 38.4 | 6548.6 | 658375 | 25.536 ng/ml |
| Lamotrigine | 4.254 | 31466 | 3718.0 | 93.5 | 38354.5 | 251977 | 27.248 ng/ml |
| Levetiracetam | 2.594 | 304886 | 4835.9 | 224.1 | 7945.3 | 1135617 | 25.823 ng/ml |
| Lorazepam | 5.719 | 33783 | ∞ | 42.7 | 1234.6 | 123255 | 23.020 ng/ml |



AM #28 Multi-Drug Quant. Results

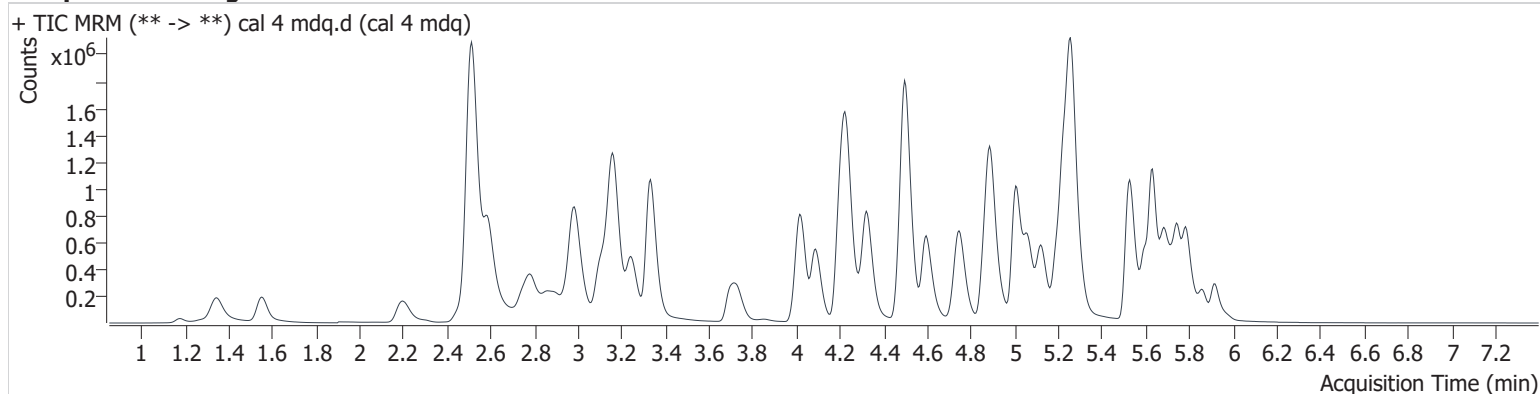
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|----------------------|------------|--------------|
| MDA | 3.153 | 513530 | 9128.2 | 27.7 | 1198741874 9692.5 | 654400 | 27.313 ng/ml |
| MDMA | 3.250 | 333997 | 20448.6 | 96.5 | 15610.3 | 150704 | 25.150 ng/ml |
| Meprobamate | 4.887 | 106692 | 323107.8 | 30.7 | 640.3 | 197585 | 28.938 ng/ml |
| Methadone | 5.631 | 614419 | ∞ | 53.0 | 3106.8 | 1135617 | 24.103 ng/ml |
| Methamphetamine | 3.170 | 833724 | 12527.5 | 40.6 | 3731.9 | 1243061 | 26.953 ng/ml |
| Metoprolol | 4.294 | 83014 | ∞ | 95.3 | ∞ | 654400 | 23.706 ng/ml |
| Mirtazapine | 4.595 | 689144 | 6654781.3 | 48.2 | 1773675.2 | 1135617 | 23.741 ng/ml |
| Mitragynine | 5.205 | 129465 | 338577.2 | 33.7 | 997608.6 | 3576806 | 26.733 ng/ml |
| Morphine | 1.186 | 15711 | 7017.6 | 23.4 | 1582.7 | 9208 | 25.837 ng/ml |
| Norbuprenorphine | 4.971 | 2852 | 11180.4 | 81.3 | 2312.9 | 23281 | 2.532 ng/ml |
| Nordiazepam | 5.862 | 89638 | ∞ | 63.5 | 37516.6 | 127579 | 25.155 ng/ml |
| Norfentanyl | 4.048 | 24681 | 1839.5 | 36.1 | ∞ | 1208162 | 2.255 ng/ml |
| Noroxycodone | 2.864 | 150429 | ∞ | 46.9 | ∞ | 251977 | 23.896 ng/ml |
| O-desmethyl-tramadol | 3.337 | 774956 | 88012.9 | 6.5 | 7403.1 | 1729503 | 24.264 ng/ml |
| Oxazepam | 5.726 | 77891 | 11861.1 | 70.2 | 36762.4 | 123255 | 25.205 ng/ml |
| Oxycodone | 2.786 | 400771 | ∞ | 29.8 | ∞ | 741400 | 25.063 ng/ml |
| Oxymorphone | 1.354 | 223231 | ∞ | 44.1 | ∞ | 311191 | 25.447 ng/ml |
| Promethazine | 5.522 | 504709 | ∞ | 38.7 | ∞ | 1034158 | 24.187 ng/ml |
| Pseudoephedrine | 2.524 | 1828204 | 65737.4 | 24.4 | 209162.0 | 3576806 | 23.977 ng/ml |
| Quetiapine | 5.530 | 348261 | ∞ | 62.6 | 291278.4 | 218340 | 26.584 ng/ml |
| Sertraline | 5.746 | 80895 | 114430.5 | 96.5 | 39896.5 | 140168 | 25.694 ng/ml |
| Temazepam | 5.788 | 194478 | 12897.7 | 29.5 | 853.0 | 391632 | 23.903 ng/ml |
| Tramadol | 4.212 | 798575 | 3916221.5 | 3.5 | 389.5 | 1677854 | 25.399 ng/ml |
| Trazodone | 5.123 | 478900 | ∞ | 76.9 | ∞ | 825834 | 25.251 ng/ml |
| Venlafaxine | 5.010 | 603738 | 55679.7 | 37.5 | 8040.6 | 1617905 | 24.036 ng/ml |
| Zolpidem | 4.884 | 824905 | 130227.1 | 28.1 | ∞ | 1521022 | 25.845 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-D1 Comment
Injection Volume 3
Acq. Date-Time 3/16/2022 6:51:37 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|----------|------------|--------------|
| 6-MAM | 3.104 | 16208 | 1888.8 | 136.0 | 9328.7 | 94250 | 4.970 ng/ml |
| 7-aminoclonazepam | 4.243 | 323008 | 7807.0 | 75.4 | 26047.2 | 237949 | 49.612 ng/ml |
| a-hydroxyalprazolam | 5.672 | 40976 | 2286.8 | 55.5 | ∞ | 579464 | 53.989 ng/ml |
| alpha-PHP | 4.897 | 725655 | 172157.3 | 39.6 | 8030.5 | 151819 | 51.853 ng/ml |
| alpha-PVP | 4.327 | 1038080 | 95759.0 | 54.1 | 17960.4 | 875695 | 49.196 ng/ml |
| Alprazolam | 5.746 | 423140 | 25011.8 | 92.8 | ∞ | 289935 | 51.514 ng/ml |
| Amphetamine | 2.985 | 817866 | 86899.5 | 229.7 | ∞ | 600194 | 51.583 ng/ml |
| Benzoylcegonine | 3.855 | 18495 | 119602.2 | 60.1 | 457.9 | 14406 | 49.269 ng/ml |
| Buprenorphine | 5.759 | 34471 | ∞ | 17.6 | 35964.7 | 116535 | 4.685 ng/ml |
| Bupropion | 4.751 | 958133 | 88185.5 | 69.4 | 15072.5 | 876874 | 47.124 ng/ml |
| Carisoprodol | 5.706 | 259342 | 7422682.7 | 60.7 | 3667.2 | 239509 | 48.110 ng/ml |
| Citalopram | 5.196 | 675807 | 16062.2 | 40.6 | 438062.9 | 611040 | 49.520 ng/ml |
| Clonazepam | 5.594 | 234765 | ∞ | 35.4 | 22114.9 | 90553 | 52.124 ng/ml |
| Clonazepam | 5.535 | 270836 | 1332863.6 | 39.2 | 170415.8 | 90553 | 44.201 ng/ml |
| Cocaine | 4.231 | 704764 | 1800838.2 | 49.3 | 827790.9 | 1254981 | 49.480 ng/ml |
| Codeine | 2.526 | 106446 | 1692399.6 | 92.1 | 11916.9 | 96540 | 54.063 ng/ml |
| Cyclobenzaprine | 5.601 | 559150 | 65924.7 | 8.5 | ∞ | 372641 | 50.200 ng/ml |
| Dextromethorphan | 5.234 | 444503 | 52142.0 | 77.1 | 12841.7 | 435664 | 49.147 ng/ml |
| Dextrophan | 4.088 | 657148 | ∞ | 44.9 | 350415.9 | 670995 | 48.119 ng/ml |
| Diazepam | 5.919 | 267700 | 4652.4 | 87.3 | 2210.7 | 260088 | 50.947 ng/ml |
| Dihydrocodeine | 2.490 | 262403 | 6520.3 | 61.7 | 4514.5 | 336479 | 52.922 ng/ml |
| Diphenhydramine | 5.261 | 2072416 | 44539.6 | 33.1 | 19697.0 | 2307741 | 47.910 ng/ml |
| EDDP | 5.229 | 987028 | 34558.0 | 43.7 | 410365.0 | 1098573 | 47.064 ng/ml |
| Etizolam | 5.786 | 196820 | ∞ | 25.0 | ∞ | 260088 | 49.568 ng/ml |
| Fentanyl | 5.071 | 61932 | 59290.2 | 117.3 | 130396.1 | 731698 | 4.691 ng/ml |
| Flualprazolam | 5.682 | 191041 | 5421.3 | 97.6 | 4248.9 | 289935 | 50.434 ng/ml |
| Fluoxetine | 5.683 | 332104 | 586960.7 | 7.0 | 68353.4 | 250902 | 50.249 ng/ml |
| Hydrocodone | 2.977 | 390311 | ∞ | 36.4 | ∞ | 448209 | 51.366 ng/ml |
| Hydromorphone | 1.557 | 296038 | ∞ | 76.0 | ∞ | 204969 | 48.723 ng/ml |
| Ketamine | 4.017 | 675856 | 25031.5 | 38.3 | 13088.2 | 686105 | 50.310 ng/ml |
| Lamotrigine | 4.254 | 59970 | 6541.3 | 88.6 | 45123.3 | 264590 | 49.936 ng/ml |
| Levetiracetam | 2.589 | 613041 | 9873.5 | 222.1 | 50364.6 | 1095268 | 55.000 ng/ml |
| Lorazepam | 5.719 | 94730 | ∞ | 48.8 | 7181.6 | 163297 | 48.650 ng/ml |



AM #28 Multi-Drug Quant. Results

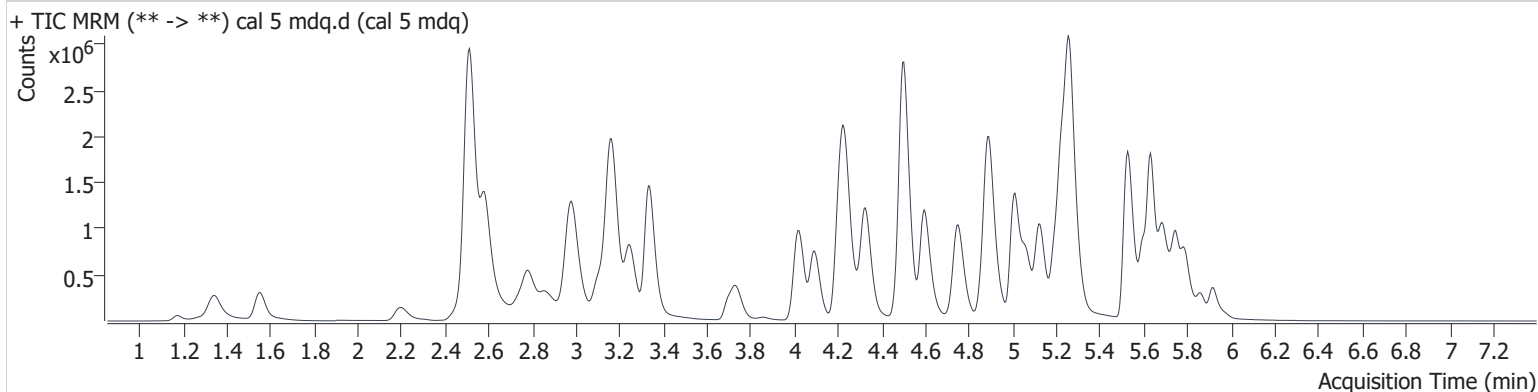
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|-----------|------------|--------------|
| MDA | 3.148 | 960998 | 26085.8 | 27.7 | 1340.4 | 636067 | 53.517 ng/ml |
| MDMA | 3.245 | 673846 | 1229507.2 | 96.6 | ∞ | 151819 | 50.618 ng/ml |
| Meprobamate | 4.887 | 227950 | 300403.5 | 30.2 | 2811.9 | 239509 | 51.594 ng/ml |
| Methadone | 5.631 | 1171318 | ∞ | 54.4 | 53050.9 | 1095268 | 47.344 ng/ml |
| Methamphetamine | 3.165 | 1548506 | 26599.1 | 40.5 | 25875.3 | 1276754 | 52.949 ng/ml |
| Metoprolol | 4.289 | 170152 | 267923.6 | 95.4 | 9396.4 | 636067 | 49.133 ng/ml |
| Mirtazapine | 4.595 | 1360779 | 138657.5 | 47.7 | 80924.8 | 1095268 | 48.493 ng/ml |
| Mitragynine | 5.205 | 233546 | 9193.9 | 31.9 | 242536.1 | 3570797 | 48.374 ng/ml |
| Morphine | 1.181 | 30489 | 20325.2 | 22.3 | 33286.5 | 8912 | 51.175 ng/ml |
| Norbuprenorphine | 4.966 | 6099 | 6073.6 | 93.9 | 7428.7 | 24975 | 5.154 ng/ml |
| Nordiazepam | 5.868 | 227623 | ∞ | 61.2 | ∞ | 163088 | 50.300 ng/ml |
| Norfentanyl | 4.048 | 52388 | 6848.4 | 36.2 | 107047.6 | 1231813 | 4.685 ng/ml |
| Noroxycodone | 2.859 | 326755 | ∞ | 46.1 | ∞ | 264590 | 49.265 ng/ml |
| O-desmethyl-tramadol | 3.337 | 1607463 | 133523.9 | 6.5 | 21133.2 | 1772817 | 49.102 ng/ml |
| Oxazepam | 5.726 | 207261 | 12784.4 | 71.0 | ∞ | 163297 | 50.744 ng/ml |
| Oxycodone | 2.781 | 826100 | ∞ | 29.5 | ∞ | 761155 | 50.534 ng/ml |
| Oxymorphone | 1.344 | 452938 | ∞ | 44.7 | ∞ | 316486 | 50.952 ng/ml |
| Promethazine | 5.522 | 779461 | 528635.1 | 38.7 | 28782.7 | 798605 | 48.200 ng/ml |
| Pseudoephedrine | 2.519 | 3652989 | 24660.8 | 24.3 | ∞ | 3570797 | 47.749 ng/ml |
| Quetiapine | 5.530 | 699522 | 1216023.8 | 62.7 | 1080756.4 | 219495 | 53.554 ng/ml |
| Sertraline | 5.751 | 105899 | 145106.6 | 101.9 | 72670.1 | 96518 | 48.778 ng/ml |
| Temazepam | 5.788 | 585440 | 29767.7 | 28.6 | 3040.6 | 579464 | 47.758 ng/ml |
| Tramadol | 4.212 | 1649760 | 699405.6 | 3.7 | 1749.9 | 1730258 | 51.661 ng/ml |
| Trazodone | 5.123 | 910660 | ∞ | 81.9 | ∞ | 783386 | 51.238 ng/ml |
| Venlafaxine | 5.005 | 1249513 | 479701.2 | 37.3 | 9415.4 | 1689776 | 45.856 ng/ml |
| Zolpidem | 4.884 | 1678947 | 207494.8 | 29.0 | 1568292.5 | 1553105 | 51.984 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-E1 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 7:00:40 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.104 | 30854 | ∞ | 129.8 | 57180.1 | 88508 | 10.111 ng/ml |
| 7-aminoclonazepam | 4.248 | 516367 | 13149.5 | 75.7 | 10726.8 | 188726 | 99.920 ng/ml |
| a-hydroxyalprazolam | 5.672 | 44762 | 2079.1 | 60.2 | ∞ | 350180 | 98.401 ng/ml |
| alpha-PHP | 4.897 | 1306301 | 56335.0 | 40.0 | 38402.9 | 139725 | 101.633 ng/ml |
| alpha-PVP | 4.327 | 1876990 | 63210.3 | 53.7 | 37738.9 | 804412 | 96.776 ng/ml |
| Alprazolam | 5.746 | 639187 | 20860.5 | 93.0 | 31485.4 | 224423 | 101.211 ng/ml |
| Amphetamine | 2.980 | 1404898 | 24599.1 | 227.1 | 145263.7 | 533031 | 101.422 ng/ml |
| Benzoylcegonine | 3.860 | 35407 | 102322.5 | 56.1 | 1110.6 | 13511 | 101.214 ng/ml |
| Buprenorphine | 5.759 | 65669 | 266173.3 | 15.8 | 8498.6 | 105051 | 9.918 ng/ml |
| Bupropion | 4.751 | 1785037 | 58908.0 | 67.0 | 96195.7 | 771200 | 99.979 ng/ml |
| Carisoprodol | 5.706 | 369431 | 591894.9 | 62.6 | 4023.1 | 166857 | 98.166 ng/ml |
| Citalopram | 5.196 | 1238658 | 23123.7 | 40.2 | 24303.6 | 567850 | 97.684 ng/ml |
| Clonazepam | 5.594 | 270746 | ∞ | 35.6 | 58175.1 | 53493 | 102.410 ng/ml |
| Clonazepam | 5.540 | 371550 | 88392.2 | 40.3 | 631833.5 | 53493 | 103.185 ng/ml |
| Cocaine | 4.231 | 1264429 | 131639.5 | 50.0 | ∞ | 1114897 | 99.940 ng/ml |
| Codeine | 2.516 | 174507 | ∞ | 93.7 | ∞ | 84657 | 101.994 ng/ml |
| Cyclobenzaprine | 5.601 | 1220571 | 2608798.3 | 8.4 | 54066.8 | 429855 | 95.114 ng/ml |
| Dextromethorphan | 5.234 | 860514 | 29219.0 | 75.9 | 1683758.7 | 415747 | 99.576 ng/ml |
| Dextrophan | 4.094 | 1197012 | 1897983.2 | 44.5 | ∞ | 613623 | 94.978 ng/ml |
| Diazepam | 5.919 | 411764 | 7642.1 | 88.2 | 14009.7 | 200378 | 101.811 ng/ml |
| Dihydrocodeine | 2.475 | 473861 | 5830.7 | 62.1 | 2204.1 | 308667 | 105.234 ng/ml |
| Diphenhydramine | 5.267 | 3925866 | 257649.8 | 32.3 | 32119.4 | 2151871 | 96.954 ng/ml |
| EDDP | 5.229 | 1867600 | 222980.5 | 42.4 | ∞ | 985551 | 99.081 ng/ml |
| Etizolam | 5.786 | 317991 | 86969.4 | 24.6 | 134282.5 | 200378 | 104.613 ng/ml |
| Fentanyl | 5.071 | 142097 | 7608.2 | 112.7 | ∞ | 779549 | 10.032 ng/ml |
| Flualprazolam | 5.682 | 301383 | 13364.3 | 94.0 | 8341.9 | 224423 | 103.087 ng/ml |
| Fluoxetine | 5.688 | 725832 | 298241.7 | 7.4 | ∞ | 281465 | 97.882 ng/ml |
| Hydrocodone | 2.977 | 660336 | ∞ | 36.8 | ∞ | 370218 | 106.476 ng/ml |
| Hydromorphone | 1.552 | 577917 | ∞ | 73.2 | ∞ | 192595 | 101.001 ng/ml |
| Ketamine | 4.017 | 1228722 | 132856.8 | 38.1 | 6780.2 | 629144 | 100.134 ng/ml |
| Lamotrigine | 4.259 | 101871 | 12648.0 | 92.4 | 19180.5 | 221091 | 102.126 ng/ml |
| Levetiracetam | 2.584 | 1126502 | 22389.1 | 223.2 | 82544.7 | 1061214 | 105.272 ng/ml |
| Lorazepam | 5.719 | 100901 | ∞ | 47.0 | 3033.4 | 91726 | 92.193 ng/ml |

AM #28 Multi-Drug Quant. Results

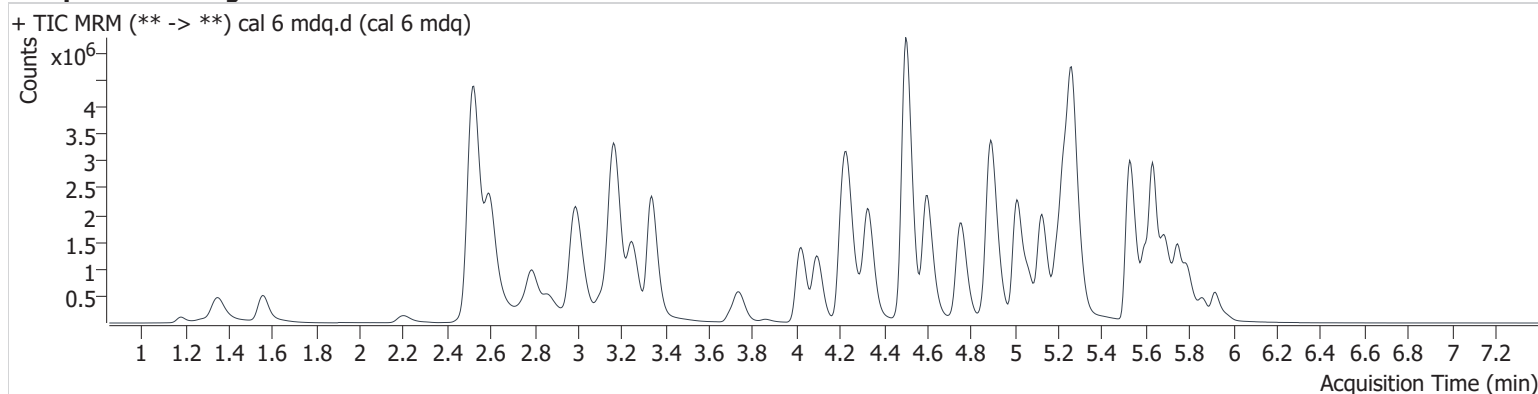
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| MDA | 3.148 | 1599812 | 128149.9 | 28.1 | 1164.9 | 547616 | 104.423 ng/ml |
| MDMA | 3.245 | 1217793 | ∞ | 98.0 | 28386.5 | 139725 | 99.637 ng/ml |
| Meprobamate | 4.887 | 335908 | 1430507.9 | 29.4 | 2910.3 | 166857 | 109.996 ng/ml |
| Methadone | 5.631 | 2373874 | 128306.9 | 50.8 | ∞ | 1061214 | 98.696 ng/ml |
| Methamphetamine | 3.170 | 2742983 | 62210.5 | 40.4 | 18242.2 | 1216375 | 102.925 ng/ml |
| Metoprolol | 4.294 | 291915 | ∞ | 98.0 | ∞ | 547616 | 97.140 ng/ml |
| Mirtazapine | 4.595 | 2555763 | 150737.3 | 48.0 | 93950.9 | 1061214 | 93.899 ng/ml |
| Mitragynine | 5.205 | 441868 | 405820.7 | 33.7 | 280205.0 | 3115590 | 104.995 ng/ml |
| Morphine | 1.176 | 62389 | 4716.9 | 21.6 | 3969.3 | 8991 | 103.166 ng/ml |
| Norbuprenorphine | 4.966 | 10240 | 5589.7 | 97.6 | 18113.6 | 22669 | 9.626 ng/ml |
| Nordiazepam | 5.868 | 324946 | ∞ | 61.1 | ∞ | 117620 | 99.893 ng/ml |
| Norfentanyl | 4.048 | 93266 | 5082.5 | 37.0 | 44629.7 | 1104062 | 9.298 ng/ml |
| Noroxycodone | 2.854 | 526543 | ∞ | 39.8 | ∞ | 221091 | 94.862 ng/ml |
| O-desmethyl-tramadol | 3.337 | 2984855 | 984157.5 | 6.4 | 29099.6 | 1653383 | 97.764 ng/ml |
| Oxazepam | 5.726 | 222580 | 10821.2 | 69.3 | ∞ | 91726 | 97.126 ng/ml |
| Oxycodone | 2.781 | 1526132 | ∞ | 29.6 | ∞ | 706264 | 100.822 ng/ml |
| Oxymorphone | 1.344 | 786583 | ∞ | 46.6 | ∞ | 290752 | 96.481 ng/ml |
| Promethazine | 5.522 | 1812494 | 2199066.1 | 39.3 | 369932.2 | 926094 | 96.477 ng/ml |
| Pseudoephedrine | 2.514 | 6631183 | 48855.8 | 24.3 | ∞ | 3115590 | 99.082 ng/ml |
| Quetiapine | 5.530 | 1284068 | 3889155.3 | 61.5 | 1132021.9 | 207841 | 104.232 ng/ml |
| Sertraline | 5.751 | 223818 | 1123653.8 | 99.6 | 31500.9 | 103031 | 96.499 ng/ml |
| Temazepam | 5.793 | 716163 | 20578.2 | 28.0 | 3732.0 | 350180 | 95.807 ng/ml |
| Tramadol | 4.212 | 2959839 | 171559.0 | 3.7 | 2602.9 | 1612202 | 100.192 ng/ml |
| Trazodone | 5.123 | 1796941 | 1101351.8 | 81.5 | 45919.3 | 773382 | 103.028 ng/ml |
| Venlafaxine | 5.010 | 2281461 | 251416.7 | 37.4 | 40477.5 | 1523352 | 91.021 ng/ml |
| Zolpidem | 4.884 | 3062264 | 274580.8 | 28.4 | ∞ | 1428758 | 103.530 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-F1 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 7:09:42 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|---------|-----------|-------|-----------|------------|---------------|
| 6-MAM | 3.104 | 64231 | ∞ | 132.3 | 17039.9 | 72897 | 25.613 ng/ml |
| 7-aminoclonazepam | 4.248 | 729828 | ∞ | 78.5 | ∞ | 106898 | 249.218 ng/ml |
| a-hydroxyalprazolam | 5.672 | 67578 | 643.1 | 60.2 | 3069.6 | 212391 | 246.429 ng/ml |
| alpha-PHP | 4.902 | 2462296 | 113718.5 | 39.9 | 20166.6 | 109178 | 245.482 ng/ml |
| alpha-PVP | 4.335 | 3788477 | 156345.9 | 53.1 | 94238.4 | 630899 | 248.954 ng/ml |
| Alprazolam | 5.751 | 1155775 | 1658.0 | 93.7 | 9183.4 | 163426 | 252.377 ng/ml |
| Amphetamine | 2.991 | 2427936 | 162723.6 | 224.7 | 70203.7 | 433933 | 217.290 ng/ml |
| Benzoylcegonine | 3.860 | 69257 | 112155.1 | 56.5 | 12042.9 | 10940 | 245.385 ng/ml |
| Buprenorphine | 5.759 | 127180 | 24159.3 | 14.9 | 384821.8 | 79680 | 25.347 ng/ml |
| Bupropion | 4.757 | 3611469 | 187776.4 | 65.7 | 53804.1 | 611091 | 255.488 ng/ml |
| Carisoprodol | 5.706 | 638086 | 1518239.7 | 62.0 | 16442.7 | 115308 | 245.058 ng/ml |
| Citalopram | 5.196 | 2278543 | 38626.0 | 41.6 | 15832.5 | 410335 | 248.699 ng/ml |
| Clonazepam | 5.594 | 420804 | 122153.0 | 35.7 | 119555.5 | 34044 | 251.082 ng/ml |
| Clonazepam | 5.540 | 599145 | ∞ | 40.2 | 269843.6 | 34044 | 262.068 ng/ml |
| Cocaine | 4.236 | 2415938 | 191184.0 | 50.0 | 119550.1 | 849229 | 250.712 ng/ml |
| Codeine | 2.537 | 313001 | ∞ | 92.0 | ∞ | 60405 | 257.992 ng/ml |
| Cyclobenzaprine | 5.601 | 2239353 | 53582.9 | 8.1 | 2334.5 | 297040 | 252.748 ng/ml |
| Dextromethorphan | 5.234 | 1561208 | 241099.6 | 75.2 | 2199926.4 | 297596 | 252.195 ng/ml |
| Dextrophan | 4.094 | 2405820 | 267651.9 | 44.2 | 7476455.3 | 480834 | 242.243 ng/ml |
| Diazepam | 5.919 | 774946 | 14152.0 | 87.4 | 6956.9 | 156070 | 246.143 ng/ml |
| Dihydrocodeine | 2.495 | 875121 | 6236.1 | 61.6 | 2880.3 | 251477 | 239.917 ng/ml |
| Diphenhydramine | 5.267 | 7598377 | 144951.9 | 31.8 | 33185.7 | 1607011 | 250.692 ng/ml |
| EDDP | 5.229 | 3582613 | 7255299.1 | 42.9 | ∞ | 736421 | 254.108 ng/ml |
| Etizolam | 5.786 | 595948 | 70520.4 | 24.8 | ∞ | 156070 | 252.568 ng/ml |
| Fentanyl | 5.076 | 279972 | 8083.4 | 114.1 | 1535388.2 | 623686 | 24.615 ng/ml |
| Flualprazolam | 5.682 | 554484 | 26377.2 | 88.8 | 7727.5 | 163426 | 260.884 ng/ml |
| Fluoxetine | 5.688 | 1111247 | 1133803.2 | 7.4 | 103478.5 | 169832 | 248.337 ng/ml |
| Hydrocodone | 2.977 | 1221183 | ∞ | 36.4 | ∞ | 293974 | 249.587 ng/ml |
| Hydromorphone | 1.557 | 1059593 | ∞ | 76.4 | ∞ | 150442 | 236.788 ng/ml |
| Ketamine | 4.022 | 2532045 | 221657.0 | 37.4 | 17940.7 | 514770 | 252.796 ng/ml |
| Lamotrigine | 4.259 | 176611 | 5326.2 | 92.7 | 26312.6 | 166614 | 235.709 ng/ml |
| Levetiracetam | 2.600 | 2129147 | 70389.3 | 223.0 | ∞ | 820179 | 258.995 ng/ml |
| Lorazepam | 5.719 | 142454 | ∞ | 49.1 | ∞ | 46331 | 257.576 ng/ml |

AM #28 Multi-Drug Quant. Results

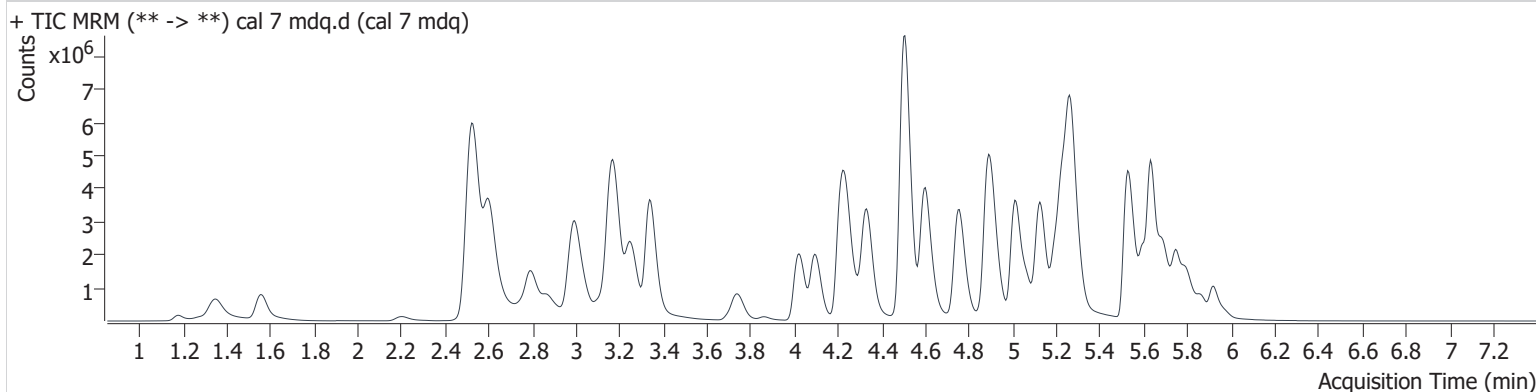
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|-----------|-------|-----------|------------|---------------|
| MDA | 3.148 | 2594080 | 40577.8 | 27.9 | 2739.3 | 385409 | 241.897 ng/ml |
| MDMA | 3.250 | 2386789 | 1281879.9 | 97.7 | 163212.8 | 109178 | 250.295 ng/ml |
| Meprobamate | 4.887 | 536599 | 90124.7 | 28.2 | 5095.8 | 115308 | 255.283 ng/ml |
| Methadone | 5.638 | 4739706 | 79201.5 | 50.3 | 67915.3 | 820179 | 254.485 ng/ml |
| Methamphetamine | 3.170 | 5296208 | 32668.7 | 39.6 | 38875.2 | 1029300 | 241.525 ng/ml |
| Metoprolol | 4.294 | 538372 | 812836.2 | 99.3 | ∞ | 385409 | 253.299 ng/ml |
| Mirtazapine | 4.600 | 5203443 | 166544.3 | 47.8 | 151389.0 | 820179 | 247.182 ng/ml |
| Mitragynine | 5.205 | 766223 | 27664.2 | 33.9 | 76224.0 | 2389010 | 237.548 ng/ml |
| Morphine | 1.181 | 127155 | 7094.2 | 22.7 | 3099105.2 | 7381 | 255.201 ng/ml |
| Norbuprenorphine | 4.971 | 21073 | 72887.1 | 91.6 | 26884.9 | 17959 | 25.176 ng/ml |
| Nordiazepam | 5.868 | 554507 | ∞ | 62.2 | 195121.5 | 81149 | 247.569 ng/ml |
| Norfentanyl | 4.053 | 186479 | 4346.7 | 37.2 | ∞ | 832483 | 24.641 ng/ml |
| Noroxycodone | 2.864 | 1018180 | ∞ | 45.0 | ∞ | 166614 | 243.167 ng/ml |
| O-desmethyl-tramadol | 3.337 | 6166762 | 638006.2 | 6.4 | 47550.5 | 1336005 | 249.968 ng/ml |
| Oxazepam | 5.726 | 296131 | 279571.1 | 71.0 | 7586.2 | 46331 | 256.031 ng/ml |
| Oxycodone | 2.786 | 3132862 | ∞ | 29.7 | ∞ | 583566 | 250.800 ng/ml |
| Oxymorphone | 1.349 | 1646207 | ∞ | 44.3 | ∞ | 232148 | 253.194 ng/ml |
| Promethazine | 5.522 | 3457119 | 545468.4 | 37.9 | 2194111.8 | 684664 | 248.635 ng/ml |
| Pseudoephedrine | 2.526 | 12712650 | 45169.4 | 24.0 | ∞ | 2389010 | 247.359 ng/ml |
| Quetiapine | 5.530 | 2479313 | ∞ | 61.8 | ∞ | 161878 | 259.046 ng/ml |
| Sertraline | 5.751 | 299607 | ∞ | 98.9 | ∞ | 50469 | 263.572 ng/ml |
| Temazepam | 5.793 | 1123526 | 36071.4 | 28.5 | 5212.6 | 212391 | 246.473 ng/ml |
| Tramadol | 4.212 | 5909122 | 392141.1 | 3.5 | 4489.3 | 1300665 | 249.083 ng/ml |
| Trazodone | 5.123 | 3604947 | 263881.0 | 81.0 | 96915.3 | 635882 | 252.272 ng/ml |
| Venlafaxine | 5.010 | 4802292 | 390398.8 | 37.2 | 15094.4 | 1246307 | 231.341 ng/ml |
| Zolpidem | 4.891 | 6007933 | 642485.2 | 28.7 | 845168.8 | 1134289 | 256.542 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-G1 **Comment**
Injection Volume 3
Acq. Date-Time 3/16/2022 7:18:44 PM
Sample Info.

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|------------------------|------------|---------------|
| 6-MAM | 3.109 | 109830 | ∞ | 138.2 | 16942.0 | 64403 | 49.606 ng/ml |
| 7-aminoclonazepam | 4.253 | 905354 | ∞ | 82.7 | ∞ | 62276 | 530.588 ng/ml |
| a-hydroxyalprazolam | 5.666 | 111260 | 2707.5 | 60.7 | 4863.5 | 190020 | 454.322 ng/ml |
| alpha-PHP | 4.902 | 3997411 | 339501.9 | 40.0 | 212716.9 | 87892 | 495.269 ng/ml |
| alpha-PVP | 4.332 | 6719953 | 282222.2 | 52.0 | 67351.4 | 543170 | 512.849 ng/ml |
| Alprazolam | 5.751 | 2013111 | 6618.7 | 92.6 | 9031.7 | 140045 | 513.715 ng/ml |
| Amphetamine | 3.001 | 3490865 | 238280.7 | 225.8 | 405451.9 | 404412 | 336.182 ng/ml |
| Benzoylcegonine | 3.860 | 144180 | 9663.7 | 55.5 | 6114.6 | 10723 | 521.870 ng/ml |
| Buprenorphine | 5.759 | 230530 | 111620.5 | 15.3 | 514777.6 | 73771 | 49.638 ng/ml |
| Bupropion | 4.757 | 6950507 | 787026.9 | 65.0 | 548940.2 | 599257 | 501.547 ng/ml |
| Carisoprodol | 5.706 | 1025528 | 1054121.1 | 61.4 | 7988.4 | 87106 | 521.150 ng/ml |
| Citalopram | 5.196 | 3588705 | 109004.1 | 41.7 | 153719.3 | 321767 | 499.538 ng/ml |
| Clonazepam | 5.594 | 698497 | 888961.0 | 36.4 | 805324.1 | 28974 | 490.358 ng/ml |
| Clonazepam | 5.546 | 895827 | ∞ | 40.2 | 161092.5 | 28974 | 460.718 ng/ml |
| Cocaine | 4.236 | 3903777 | 322372.5 | 49.4 | 103743.5 | 682288 | 504.246 ng/ml |
| Codeine | 2.542 | 450860 | 88641.2 | 94.4 | 16675.3 | 46967 | 478.858 ng/ml |
| Cyclobenzaprine | 5.601 | 3683304 | 311318.2 | 7.9 | 723440.1 | 237096 | 520.968 ng/ml |
| Dextromethorphan | 5.240 | 2383442 | 52670.8 | 75.7 | 82062.8 | 230142 | 497.747 ng/ml |
| Dextrophan | 4.099 | 4311991 | 208777.7 | 43.9 | 131141.5 | 417541 | 499.060 ng/ml |
| Diazepam | 5.919 | 1653507 | 19422.6 | 86.7 | 26020.5 | 162265 | 505.246 ng/ml |
| Dihydrocodeine | 2.495 | 1368169 | 2690.1 | 62.1 | 1002.0 | 221547 | 426.603 ng/ml |
| Diphenhydramine | 5.267 | 12631337 | 456673.9 | 30.8 | 97491.4 | 1298898 | 515.212 ng/ml |
| EDDP | 5.229 | 6068935 | 242420.6 | 42.6 | 602663.2 | 619094 | 511.868 ng/ml |
| Etizolam | 5.786 | 1138847 | 51119.2 | 24.8 | ∞ | 162265 | 464.733 ng/ml |
| Fentanyl | 5.076 | 530030 | 222145.0 | 118.2 | ∞ | 593996 | 48.868 ng/ml |
| Flualprazolam | 5.682 | 883747 | 9106.8 | 93.7 | ∞ | 140045 | 485.467 ng/ml |
| Fluoxetine | 5.688 | 1531934 | ∞ | 7.1 | 76858.9 | 117611 | 494.347 ng/ml |
| Hydrocodone | 2.982 | 2033167 | ∞ | 36.3 | 1332899108 941790.0 | 272118 | 449.881 ng/ml |
| Hydromorphone | 1.557 | 1910276 | ∞ | 73.0 | ∞ | 129367 | 496.206 ng/ml |
| Ketamine | 4.022 | 4387675 | 136904.7 | 37.4 | 38853.3 | 450755 | 500.659 ng/ml |
| Lamotrigine | 4.264 | 259142 | 106070.6 | 87.2 | 6530.8 | 120987 | 476.893 ng/ml |
| Levetiracetam | 2.605 | 3436805 | 78856.6 | 222.6 | ∞ | 741735 | 463.117 ng/ml |

AM #28 Multi-Drug Quant. Results

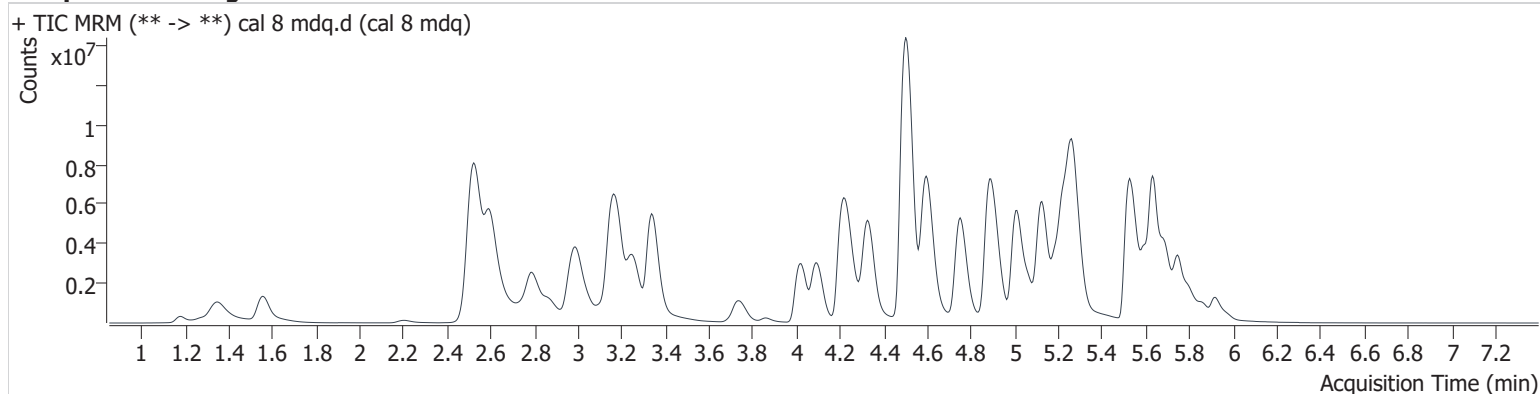
| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|-----------------------|-------|----------|------------|---------------|
| Lorazepam | 5.724 | 198609 | ∞ | 48.1 | ∞ | 29694 | 560.231 ng/ml |
| MDA | 3.148 | 3250563 | 70273.7 | 26.6 | 3228.8 | 283757 | 412.407 ng/ml |
| MDMA | 3.250 | 3821099 | 519807.8 | 98.5 | 131904.2 | 87892 | 497.999 ng/ml |
| Meprobamate | 4.887 | 706201 | ∞ | 29.3 | 9583.6 | 87106 | 445.318 ng/ml |
| Methadone | 5.636 | 8626600 | ∞ | 49.7 | 458016.5 | 741735 | 511.856 ng/ml |
| Methamphetamine | 3.170 | 8900439 | 2468008812 29971.0 | 39.1 | 171302.6 | 959040 | 439.811 ng/ml |
| Metoprolol | 4.300 | 833331 | 305431.3 | 96.7 | ∞ | 283757 | 531.678 ng/ml |
| Mirtazapine | 4.602 | 9217726 | 620211.8 | 47.3 | 246035.2 | 741735 | 484.080 ng/ml |
| Mitragynine | 5.205 | 1167562 | 63206.2 | 36.2 | 225562.6 | 1898410 | 455.595 ng/ml |
| Morphine | 1.181 | 209414 | ∞ | 21.9 | 1915.1 | 6406 | 483.669 ng/ml |
| Norbuprenorphine | 4.971 | 40973 | 46544.8 | 93.2 | 48509.6 | 18101 | 48.667 ng/ml |
| Nordiazepam | 5.868 | 1013838 | ∞ | 62.0 | ∞ | 72967 | 503.749 ng/ml |
| Norfentanyl | 4.053 | 315718 | 19194.4 | 37.4 | ∞ | 649412 | 53.469 ng/ml |
| Noroxycodone | 2.869 | 1598765 | ∞ | 44.8 | ∞ | 120987 | 525.640 ng/ml |
| O-desmethyl-tramadol | 3.337 | 10876346 | 240189.4 | 6.1 | 128382.5 | 1145127 | 514.360 ng/ml |
| Oxazepam | 5.726 | 371389 | 23741.8 | 73.4 | ∞ | 29694 | 501.110 ng/ml |
| Oxycodone | 2.791 | 5324620 | ∞ | 29.7 | ∞ | 494398 | 503.353 ng/ml |
| Oxymorphone | 1.349 | 2645560 | ∞ | 44.5 | ∞ | 189299 | 499.181 ng/ml |
| Promethazine | 5.522 | 5946434 | 146613.8 | 37.0 | 120183.2 | 566399 | 516.776 ng/ml |
| Pseudoephedrine | 2.529 | 20216008 | ∞ | 23.7 | ∞ | 1898410 | 494.770 ng/ml |
| Quetiapine | 5.536 | 4071749 | ∞ | 63.4 | 159830.7 | 146089 | 471.769 ng/ml |
| Sertraline | 5.751 | 356070 | ∞ | 95.1 | ∞ | 31477 | 502.180 ng/ml |
| Temazepam | 5.799 | 2052421 | 80948.5 | 27.9 | 66032.3 | 190020 | 502.374 ng/ml |
| Tramadol | 4.212 | 9930743 | 531958.6 | 3.3 | 3446.1 | 1061784 | 513.603 ng/ml |
| Trazodone | 5.128 | 6717400 | 389352.0 | 80.6 | 402792.3 | 595730 | 502.373 ng/ml |
| Venlafaxine | 5.010 | 8755153 | 215716.3 | 35.8 | 56943.5 | 1063973 | 491.989 ng/ml |
| Zolpidem | 4.884 | 10113224 | 258259.3 | 28.6 | 186638.6 | 1010469 | 485.175 ng/ml |

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\am 27-28\031622\QuantResults\mdq.batch.bin
Calibration Last Update 3/17/2022 10:20:05 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-H1 | Comment | |
| Injection Volume | 3 | | |
| Acq. Date-Time | 3/16/2022 7:36:42 PM | | |

Sample Chromatogram



| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|---------------------|-------|----------|-----------|-------|----------|------------|----------------|
| 6-MAM | 3.104 | 197370 | 12829.5 | 135.6 | 30703.0 | 59144 | 97.105 ng/ml |
| 7-aminoclonazepam | 4.258 | 1083336 | ∞ | 80.5 | ∞ | 40508 | 976.001 ng/ml |
| a-hydroxyalprazolam | 5.666 | 102676 | ∞ | 57.8 | 1092.5 | 84523 | 943.664 ng/ml |
| alpha-PHP | 4.902 | 5967261 | 694527.6 | 38.1 | 118971.9 | 69932 | 929.393 ng/ml |
| alpha-PVP | 4.332 | 11334994 | 473689.0 | 52.0 | 88479.4 | 451086 | 1041.581 ng/ml |
| Alprazolam | 5.746 | 2374502 | 3424.3 | 94.9 | ∞ | 86576 | 980.815 ng/ml |
| Amphetamine | 2.991 | 4720070 | 192439.9 | 221.5 | 350176.6 | 347084 | 530.655 ng/ml |
| Benzoylcegonine | 3.860 | 304344 | 355165.6 | 56.3 | 28879.9 | 11934 | 990.425 ng/ml |
| Buprenorphine | 5.759 | 325463 | ∞ | 15.6 | 28385.4 | 51513 | 100.374 ng/ml |
| Bupropion | 4.755 | 11730729 | 5217080.4 | 63.3 | 87405.8 | 486310 | 1043.233 ng/ml |
| Carisoprodol | 5.706 | 1010568 | 782090.9 | 58.1 | 41258.9 | 41935 | 1066.531 ng/ml |
| Citalopram | 5.186 | 5212883 | 34731.5 | 41.2 | 57386.3 | 226781 | 1029.562 ng/ml |
| Clonazepam | 5.589 | 447585 | 10037.0 | 35.7 | ∞ | 9588 | 950.196 ng/ml |
| Clonazepam | 5.551 | 687441 | ∞ | 39.8 | ∞ | 9588 | 1068.956 ng/ml |
| Cocaine | 4.235 | 6035124 | 303438.6 | 48.6 | 232207.1 | 525547 | 1012.056 ng/ml |
| Codeine | 2.537 | 680012 | 56297.9 | 96.2 | ∞ | 40910 | 829.954 ng/ml |
| Cyclobenzaprine | 5.601 | 6844757 | 393518.6 | 7.9 | ∞ | 228029 | 1006.744 ng/ml |
| Dextromethorphan | 5.234 | 3484856 | 65703.1 | 75.4 | 103874.2 | 167306 | 1000.966 ng/ml |
| Dextrophan | 4.094 | 7166027 | 295272.5 | 44.1 | 192171.8 | 340649 | 1015.682 ng/ml |
| Diazepam | 5.919 | 2191118 | ∞ | 88.1 | ∞ | 110075 | 987.048 ng/ml |
| Dihydrocodeine | 2.485 | 2410610 | 9343.3 | 61.2 | 5039.8 | 224234 | 743.440 ng/ml |
| Diphenhydramine | 5.267 | 19161296 | 2579391.7 | 31.0 | 222272.9 | 951563 | 1066.448 ng/ml |
| EDDP | 5.229 | 10512311 | 472381.7 | 42.0 | 76790.2 | 528998 | 1037.470 ng/ml |
| Etizolam | 5.786 | 1632519 | 8384.4 | 24.2 | 8622.1 | 110075 | 982.720 ng/ml |
| Fentanyl | 5.071 | 1111992 | 236461.5 | 124.0 | ∞ | 598076 | 101.759 ng/ml |
| Flualprazolam | 5.682 | 1017836 | 790.3 | 87.2 | 18864.4 | 86576 | 904.693 ng/ml |
| Fluoxetine | 5.688 | 4408431 | ∞ | 7.3 | 336410.0 | 162978 | 1026.564 ng/ml |
| Hydrocodone | 2.977 | 3676200 | ∞ | 35.5 | ∞ | 235300 | 942.038 ng/ml |
| Hydromorphone | 1.557 | 3567215 | ∞ | 73.1 | ∞ | 115272 | 1039.677 ng/ml |
| Ketamine | 4.017 | 7430763 | 878180.0 | 37.0 | 56073.0 | 396721 | 963.743 ng/ml |
| Lamotrigine | 4.264 | 266691 | 202626.1 | 96.7 | ∞ | 89479 | 663.831 ng/ml |
| Levetiracetam | 2.600 | 5222602 | 176514.8 | 222.7 | 506942.9 | 621461 | 840.831 ng/ml |
| Lorazepam | 5.719 | 188823 | ∞ | 47.0 | ∞ | 10636 | 1486.994 ng/ml |



AM #28 Multi-Drug Quant. Results

| Name | RT | Resp. | S/N | Ratio | S/N | ISTD Resp. | Final Conc. |
|----------------------|-------|----------|------------|-------|----------|------------|----------------|
| MDA | 3.138 | 3864490 | 82070.7 | 27.5 | 7926.1 | 198373 | 702.040 ng/ml |
| MDMA | 3.250 | 6047755 | 337644.6 | 96.5 | 582396.4 | 69932 | 990.864 ng/ml |
| Meprobamate | 4.866 | 655913 | 6271.3 | 29.1 | 4658.0 | 41935 | 859.859 ng/ml |
| Methadone | 5.636 | 14846657 | 5934100.0 | 48.9 | 191756.2 | 621461 | 1051.088 ng/ml |
| Methamphetamine | 3.170 | 13916283 | ∞ | 38.1 | 167092.4 | 941079 | 703.882 ng/ml |
| Metoprolol | 4.294 | 1116064 | 78235.5 | 97.1 | ∞ | 198373 | 1017.847 ng/ml |
| Mirtazapine | 4.595 | 18419607 | 3487248.6 | 46.6 | 679624.7 | 621461 | 1154.390 ng/ml |
| Mitragynine | 5.200 | 1926452 | ∞ | 36.3 | 565448.1 | 1315514 | 1084.922 ng/ml |
| Morphine | 1.181 | 443113 | 18430.3 | 21.5 | ∞ | 6644 | 986.161 ng/ml |
| Norbuprenorphine | 4.966 | 66044 | 98074.8 | 94.5 | 78571.2 | 14027 | 101.346 ng/ml |
| Nordiazepam | 5.868 | 1123485 | ∞ | 61.8 | ∞ | 42015 | 969.778 ng/ml |
| Norfentanyl | 4.048 | 477970 | 26117.5 | 37.6 | 67009.0 | 451748 | 116.357 ng/ml |
| Noroxycodone | 2.864 | 2382514 | ∞ | 45.3 | ∞ | 89479 | 1058.983 ng/ml |
| O-desmethyl-tramadol | 3.337 | 18890027 | 580589.8 | 6.1 | 82593.3 | 990259 | 1033.052 ng/ml |
| Oxazepam | 5.726 | 260359 | ∞ | 72.0 | 7080.3 | 10636 | 980.946 ng/ml |
| Oxycodone | 2.786 | 10194115 | ∞ | 29.5 | ∞ | 496472 | 959.847 ng/ml |
| Oxymorphone | 1.344 | 4996445 | ∞ | 43.9 | ∞ | 181880 | 981.398 ng/ml |
| Promethazine | 5.517 | 12885895 | 1365379.6 | 35.9 | ∞ | 589773 | 1075.283 ng/ml |
| Pseudoephedrine | 2.524 | 31619089 | ∞ | 23.0 | ∞ | 1315514 | 1116.437 ng/ml |
| Quetiapine | 5.535 | 6556294 | 1752476.5 | 60.4 | ∞ | 130269 | 852.244 ng/ml |
| Sertraline | 5.751 | 1795882 | 15654835.4 | 98.9 | 313229.3 | 78597 | 1014.274 ng/ml |
| Temazepam | 5.799 | 1833150 | 17996.7 | 28.5 | 5841.8 | 84523 | 1007.904 ng/ml |
| Tramadol | 4.207 | 15165634 | 586298.4 | 3.4 | 332614.3 | 898685 | 927.317 ng/ml |
| Trazodone | 5.123 | 12209923 | 400047.9 | 78.3 | 167926.6 | 601558 | 904.787 ng/ml |
| Venlafaxine | 5.010 | 15282690 | 621462.8 | 35.0 | 79933.3 | 877408 | 1039.390 ng/ml |
| Zolpidem | 4.884 | 17202921 | 458455.5 | 27.8 | 406778.3 | 932040 | 895.143 ng/ml |