

Worklist: 763

| <u>LAB CASE</u> | <u>ITEM</u> | <u>TASK ID</u> | <u>DESCRIPTION</u> | |
|-----------------|-------------|----------------|----------------------------|--|
| C2015-0661 | 1 | 37206 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| C2015-0813 | 1 | 37207 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| M2015-1329 | 1 | 37208 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| M2015-1755 | 2 | 37212 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1087 | 1 | 37209 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1115 | 1 | 37210 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1132 | 1 | 37211 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1220 | 1 | 37217 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1237 | 1 | 37226 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1237 | 2 | 37231 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1237 | 3 | 37230 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1237 | 4 | 37229 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1308 | 1 | 37218 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1336 | 1 | 37219 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1395 | 1 | 37220 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1397 | 1 | 37204 | 6.1.1 Blood LCMS-QQQ Benzo |  |
| P2015-1404 | 1 | 37221 | 6.1.1 Blood LCMS-QQQ Benzo |  |



Worklist Report

| | |
|----------------|---|
| Worklist Path: | C:\MassHunter\ISP Methods\worklists\DD-BZZZQ-B-LOWCAL.wkl |
| Date Modified: | 07/09/2015 02:53:50 PM |
| Date Printed: | 07/09/2015 03:17:22 PM |

Worklist Run Parameters

QC 07/09/15

| | |
|-----------------------------------|---|
| Operator Name: | 62340 |
| Run Type: | Standard Start |
| Part of Method to Run: | Acquisition Only |
| Execution for Acquisition-DA: | Synchronous |
| Acquisition Method Path: | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m |
| DA Method Path: | D:\MassHunter\methods |
| Data File Path: | C:\MassHunter\Data\BZ\BZ-B-070915 |
| Pre-Worklist Script: | --- |
| Post-Worklist Script: | SCP_InstrumentStandby(){MH_Acq_Scripts.exe} |
| Acquisition Clean Up Script: | SCP_InstrumentStandby(){MH_Acq_Scripts.exe} |
| Overlapped Injection: | No |
| Clear sample selection after run: | Yes |
| Wait Time for Ready(Min): | 10 |
| Threshold Disk Value(GB): | 10 |
| Comment: | --- |

Plate Barcode Information

| Plate | Barcode |
|-------|---------|
| P1 | |

Worklist Table

| Sample Position | Sample Name | Method | Data File | Sample Type | Level Name | Comment | Info. |
|-----------------|-------------|---|----------------|-------------|------------|-------------------------------|-------|
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Blank1-r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Blank2-r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A2 | 5 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 5 ngmL-r001.d | Calibration | 1 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A3 | 10 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 10 ngmL-r001.d | Calibration | 2 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A4 | 15 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 15 ngmL-r001.d | Calibration | 3 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A5 | 25 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 25 ngmL_r001.d | Calibration | 4 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A6 | 50 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 50 ngmL_r001.d | Calibration | 5 | AM 6.1.1 Benzo and Z by LCQQQ | |

| Sample Position | Sample Name | Method | Data File | Sample Type | Level Name | Comment | Info. |
|-----------------|------------------------|--|--------------------------------------|-------------|------------|-------------------------------|---|
| P1-A7 | 100 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 100 ngmL_r001.d | Calibration | 6 | AM 6.1.1 Benzo and Z by LCQQQ | QC 07/09/15. |
| P1-A8 | 500 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 500 ngmL_r001.d | Calibration | 7 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A9 | 1000 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 1000 ngmL_r001.d | Calibration | 8 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B1 | 3000 ngmL | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | 3000 ngmL_r001.d | Calibration | 9 | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B2 | Negative Blood Control | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | NC-B_r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | UTAK Negative Whole Blood LOT B0689 |
| P1-B3 | Positive Blood Control | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | PC-B-BZ-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0130 |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank2_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B2 | Blank - C2015-0661-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank- C2015-0661-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B4 | C2015-0661-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | C2015-0661-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - C2015-0813-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-C2015-0813-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B5 | C2015-0813-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | C2015-0813-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - M2015-1329-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-M2015-1329-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B6 | M2015-1329-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | M2015-1329-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - M2015-1755-2 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-M2015-1755-2_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B7 | M2015-1755-2 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | M2015-1755-2-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |

| Sample Position | Sample Name | Method | Data File | Sample Type | Level Name | Comment | Info. |
|-----------------|----------------------|--|--|-------------|------------|--|-------------|
| P1-B2 | Blank - P2015-1087-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1087-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | ge 07/09/15 |
| P1-B8 | P2015-1087-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1087-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1115-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1115-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-B9 | P2015-1115-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1115-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1132-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1132-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C1 | P2015-1132-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1132-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1220-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1220-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C2 | P2015-1220-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1220-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1237-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1237-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C3 | P2015-1237-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1237-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1237-2 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1237-2_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C4 | P2015-1237-2 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1237-2-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1237-3 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1237-3_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C5 | P2015-1237-3 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1237-3-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1237-4 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1237-4_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C6 | P2015-1237-4 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1237-4-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | | | | Blank | | | |

| Sample Position | Sample Name | Method | Data File | Sample Type | Level Name | Comment | Info. |
|-----------------|----------------------|--|--|-------------|------------|--|--------------|
| P1-B2 | Blank - P2015-1308-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1308-1_r001.d | | | AM 6.1.1 Benzo and Z by LCQQQ | re 07/09/15. |
| P1-C7 | P2015-1308-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1308-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1336-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1336-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C8 | P2015-1336-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1336-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1395-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1395-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-C9 | P2015-1395-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1395-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1397-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1397-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-D1 | P2015-1397-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1397-1-r003.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-B2 | Blank - P2015-1404-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Carryover blank-P2015-1404-1_r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-D2 | P2015-1404-1 | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | P2015-1404-1-r001.d | Sample | | AM 6.1.1 Benzo and Z by LCQQQ | Blood |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Blank3-r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP.m | Blank4-r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |
| P1-A1 | Blank | C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_Cleanup.m | Clean-r001.d | Blank | | AM 6.1.1 Benzo and Z by LCQQQ | |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

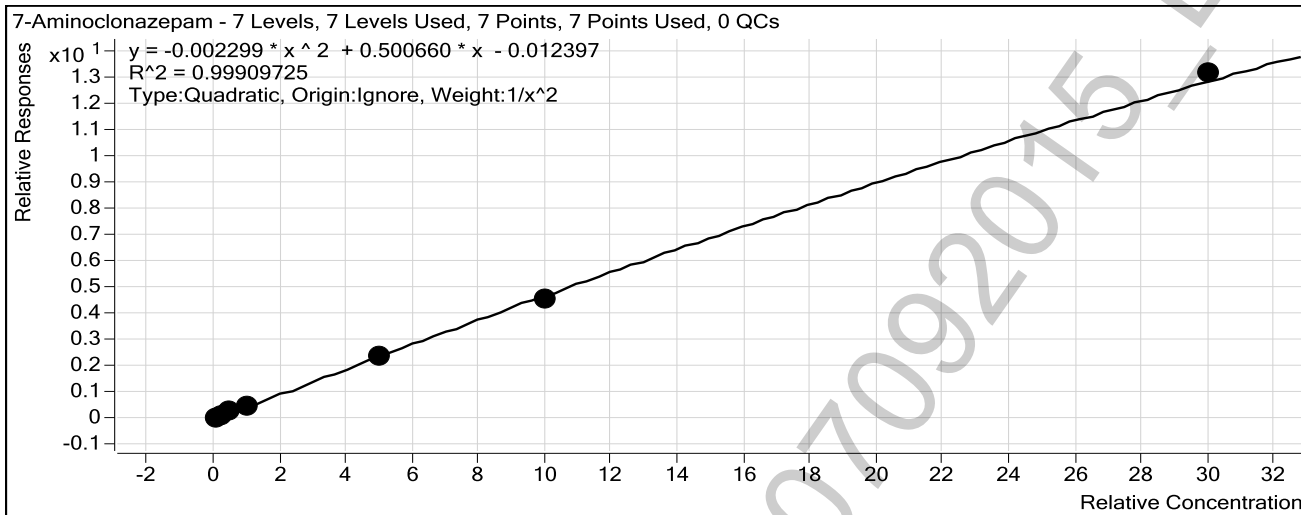
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound 7-Aminoclonazepam

Internal Standard 7-Aminoflunitrazepam-D7 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 9.9 | 98.5 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.7 | 102.6 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 50.8 | 101.6 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 102.0 | 102.0 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 486.3 | 97.3 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 960.7 | 96.1 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3063.1 | 102.1 |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

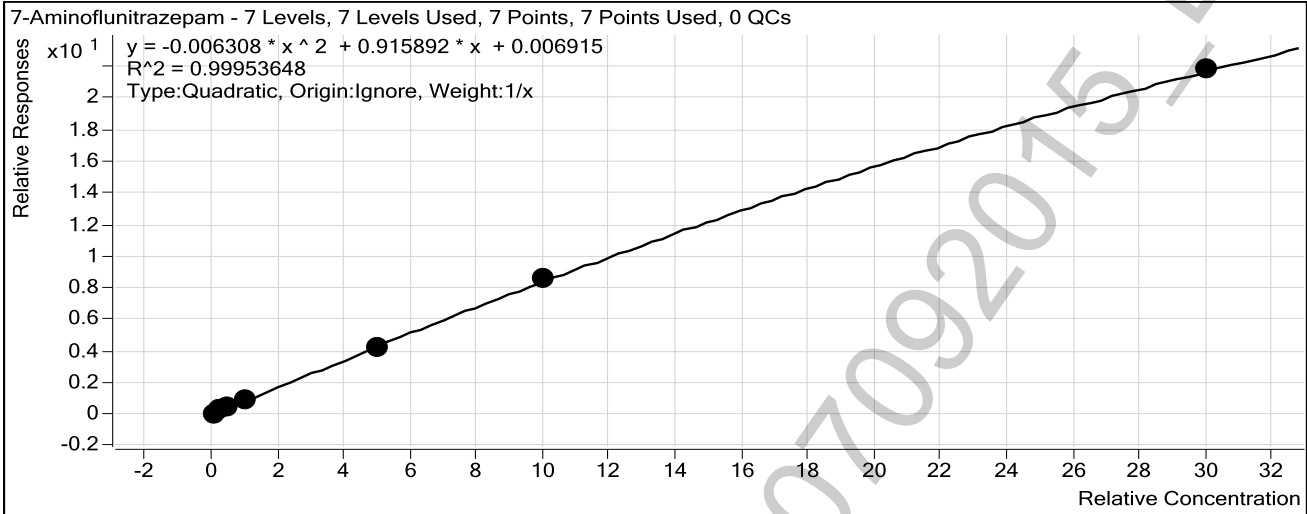
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound 7-Aminoflunitrazepam

Internal Standard 7-Aminoflunitrazepam-D7 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 8.3 | 82.7 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.4 | 105.4 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 53.7 | 107.3 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 107.1 | 107.1 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 486.3 | 97.3 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1001.2 | 100.1 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3002.5 | 100.1 |

ISP Forensics Calibration Curve Report

Batch Data Path

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Last Calib Update

7/10/2015 1:35 PM

Analyst Name

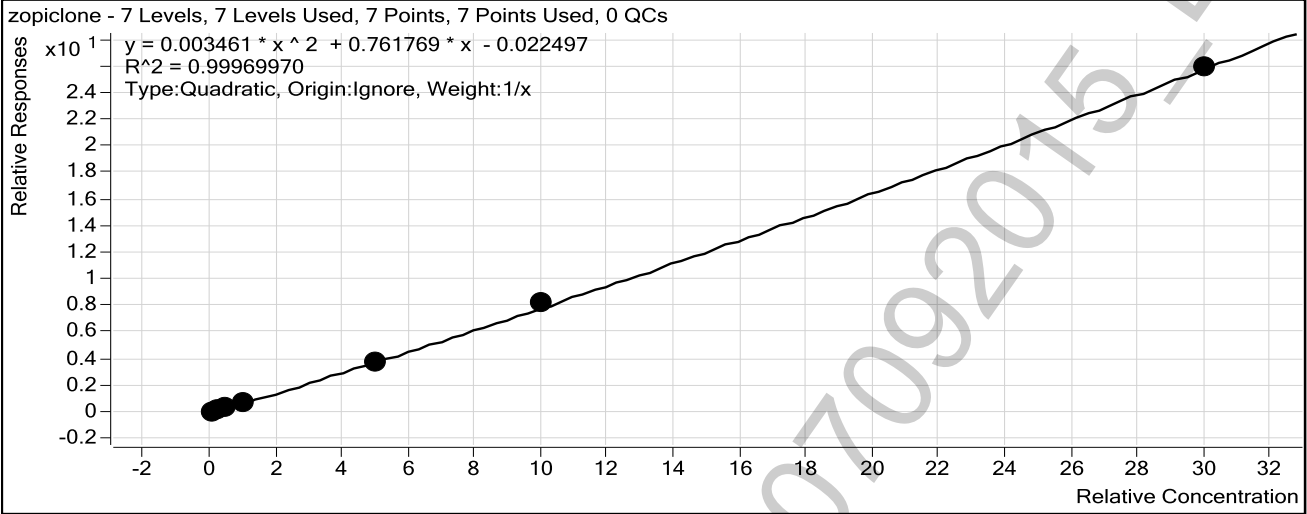
ISP TOX

Target Compound

zopiclone

Internal Standard

Oxazepam D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 9.9 | 99.5 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.6 | 102.2 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 51.2 | 102.4 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 97.5 | 97.5 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 480.8 | 96.2 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1024.1 | 102.4 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2995.8 | 99.9 |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

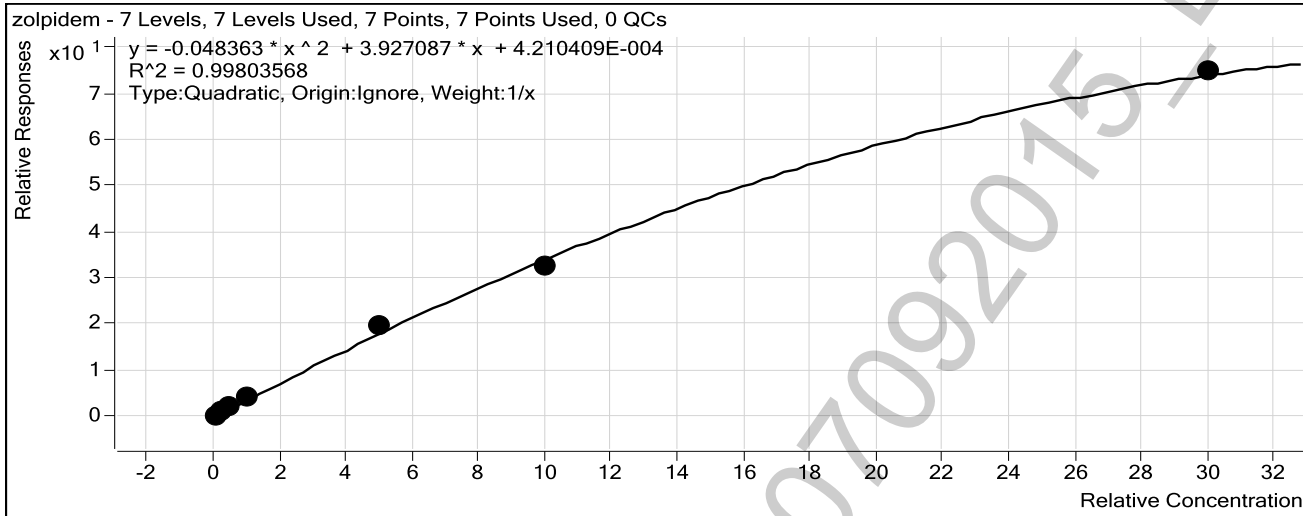
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound zolpidem

Internal Standard Oxazepam D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 8.3 | 83.0 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.8 | 103.4 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 53.5 | 107.0 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 105.5 | 105.5 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 532.0 | 106.4 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 938.8 | 93.9 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3041.5 | 101.4 |

ISP Forensics Calibration Curve Report



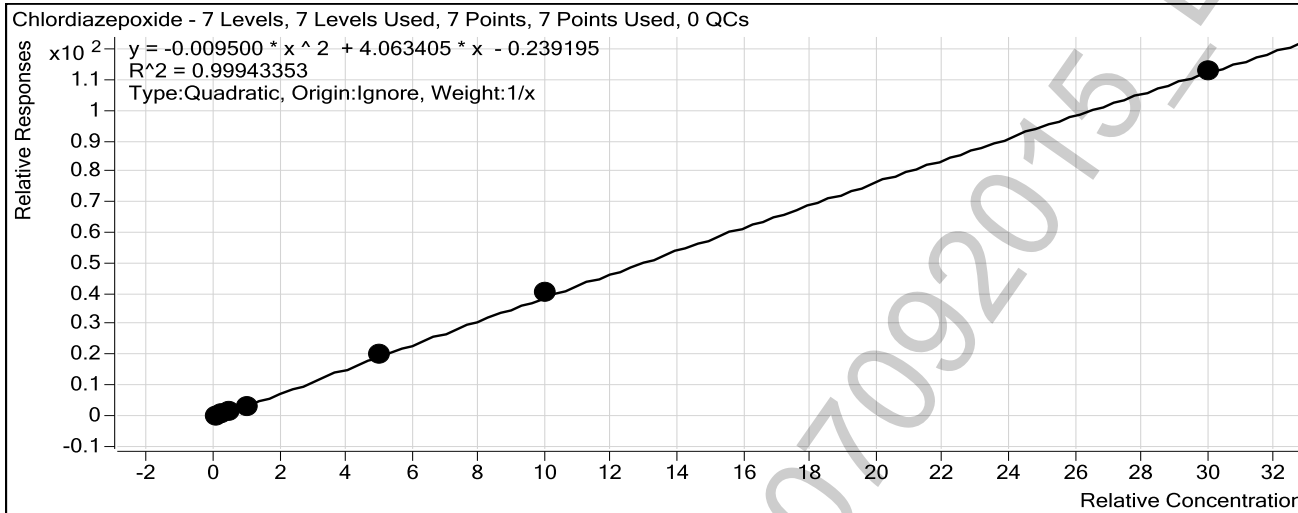
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Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound *Chlordiazepoxide*
Internal Standard *Nordiazepam-D5 ISTD*



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 11.8 | 117.9 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 24.9 | 99.4 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 45.9 | 91.8 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 89.0 | 89.0 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 500.0 | 100.0 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1020.4 | 102.0 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2993.0 | 99.8 |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

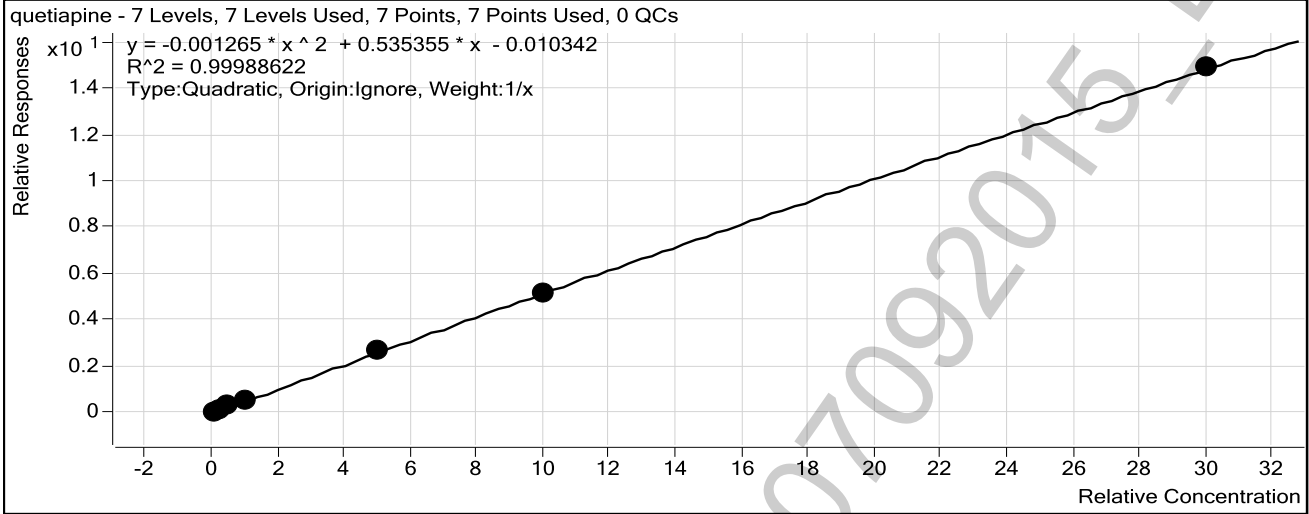
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound *quetiapine*

Internal Standard *Temazepam-D5 ISTD*



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 9.2 | 91.8 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.6 | 106.3 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 51.7 | 103.4 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 98.0 | 98.0 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 507.1 | 101.4 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 990.2 | 99.0 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3002.3 | 100.1 |

POC-AM 6.1.1 Blood/07092015 DNE

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM

Analyst Name

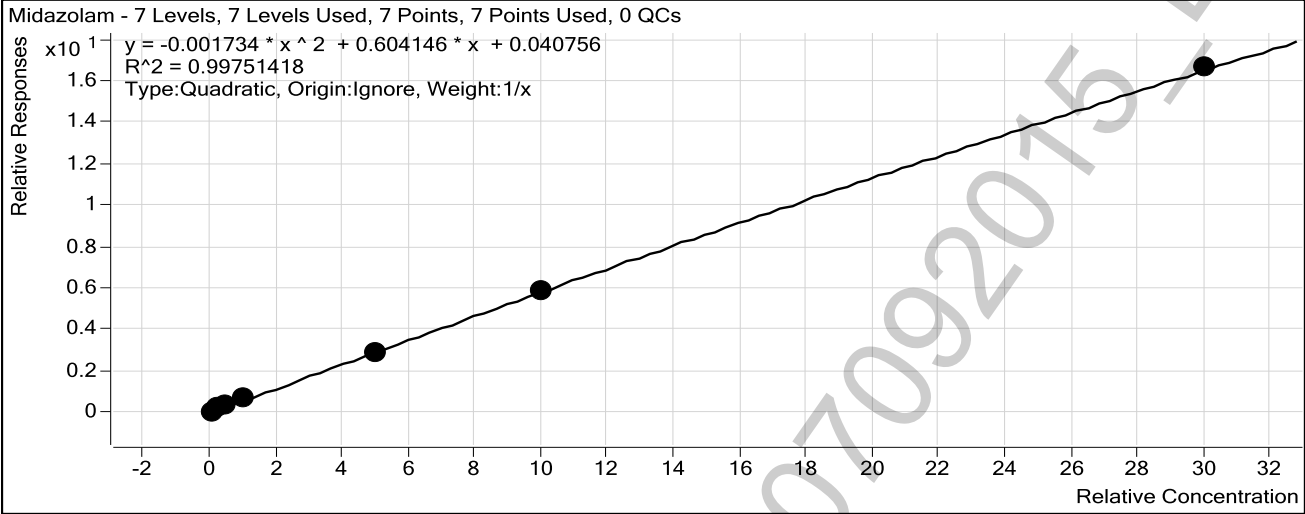
ISP TOX

Target Compound

Midazolam

Internal Standard

Clonazepam-D4 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 5.1 | 51.2 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 29.2 | 116.9 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 59.2 | 118.4 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 119.2 | 119.2 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 476.8 | 95.4 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 987.3 | 98.7 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3008.4 | 100.3 |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

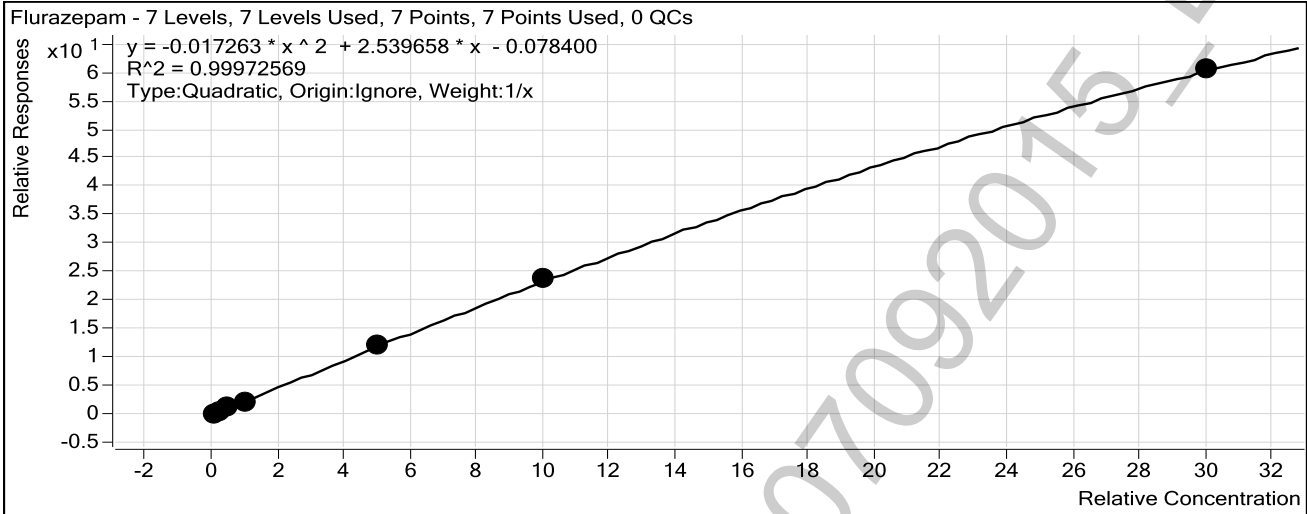
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound Flurazepam

Internal Standard Diazepam-D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 10.6 | 106.2 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.5 | 102.1 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 49.5 | 99.0 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 91.3 | 91.3 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 503.8 | 100.8 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1008.1 | 100.8 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2995.5 | 99.9 |

POC-AM 6.1.1 Blood/07092015

ISP Forensics Calibration Curve Report

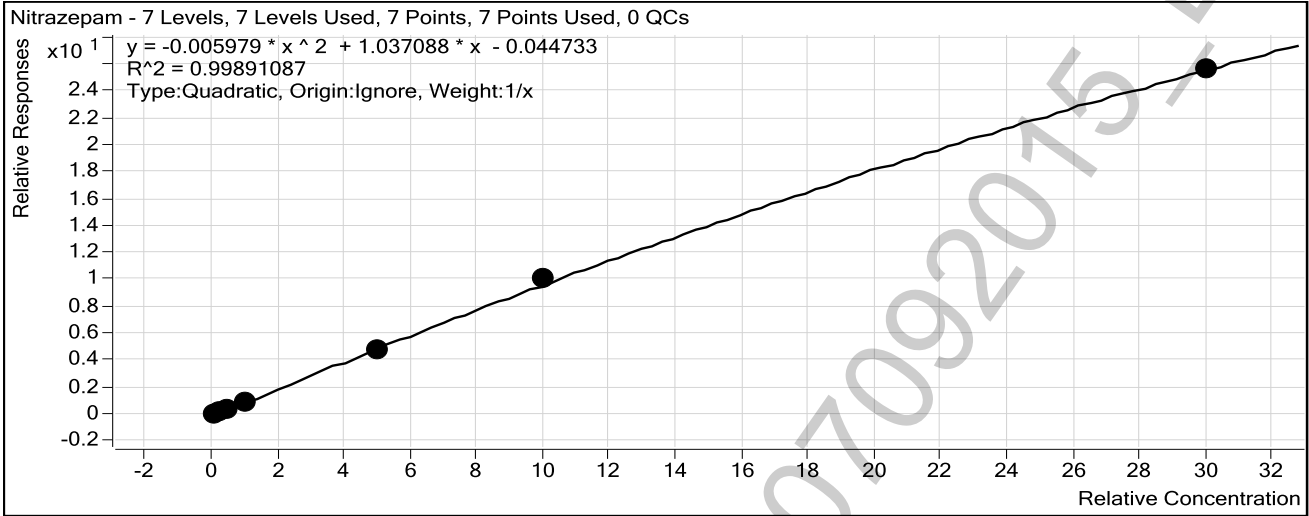


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM

Analyst Name ISP TOX

Target Compound Nitrazepam
Internal Standard Clonazepam-D4 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 11.2 | 111.9 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.5 | 105.8 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 46.3 | 92.6 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 89.6 | 89.6 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 481.8 | 96.4 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1043.1 | 104.3 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2985.6 | 99.5 |

POC-AM 6.1.1 Blood/07092015

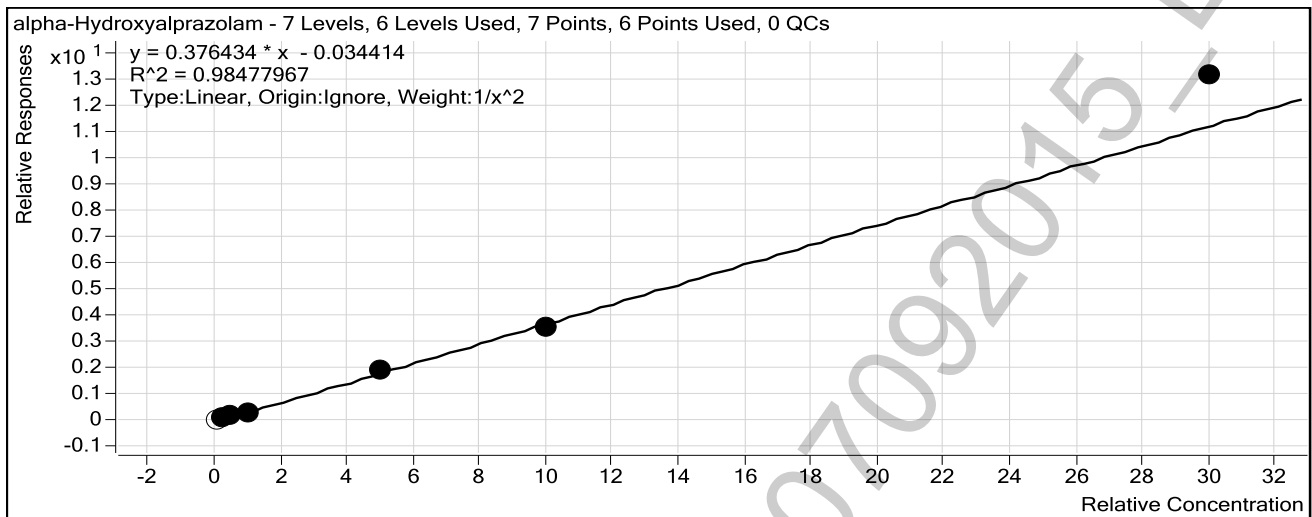
ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM **Analyst Name** ISP TOX

Target Compound *alpha-Hydroxyalprazolam*
Internal Standard *alphahydroxyalprazolam-D5 ISTD*



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input type="checkbox"/> | 10 | 17.0 | 169.9 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.4 | 105.5 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 48.0 | 96.0 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 85.9 | 85.9 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 502.7 | 100.5 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 956.5 | 95.7 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3492.5 | 116.4 |

POC-AM 6.1.1 Blood/07092015

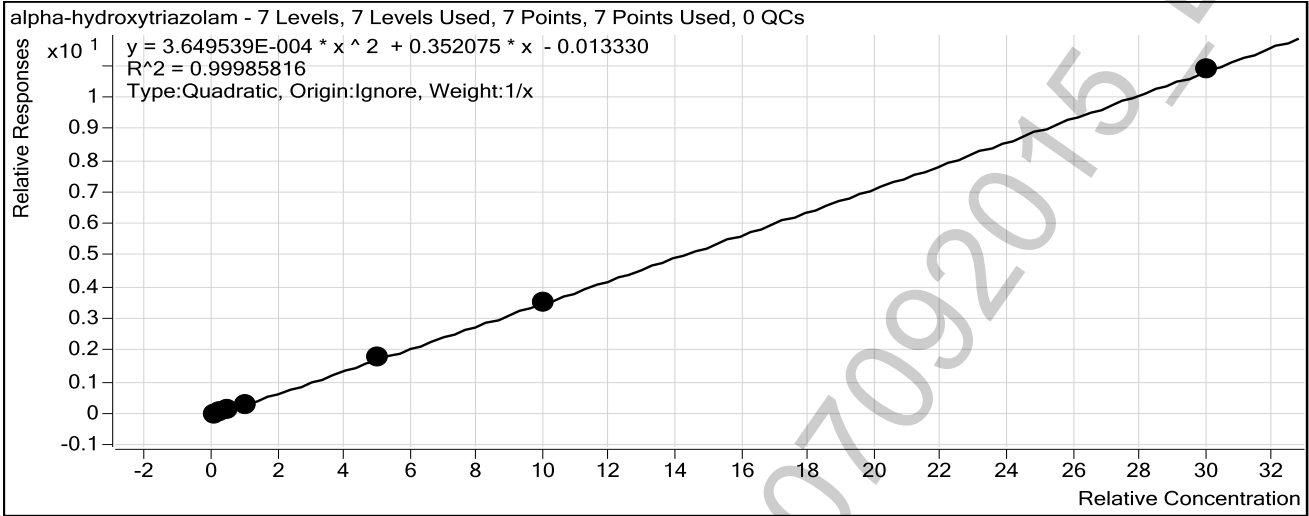
ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxytriazolam*
Internal Standard *Nordiazepam-D5 ISTD*



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 10.4 | 103.8 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.2 | 104.6 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 48.7 | 97.4 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 93.0 | 93.0 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 504.5 | 100.9 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1004.1 | 100.4 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2998.2 | 99.9 |

POC-AM 6.1.1 Blood 07092015 DNEB

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

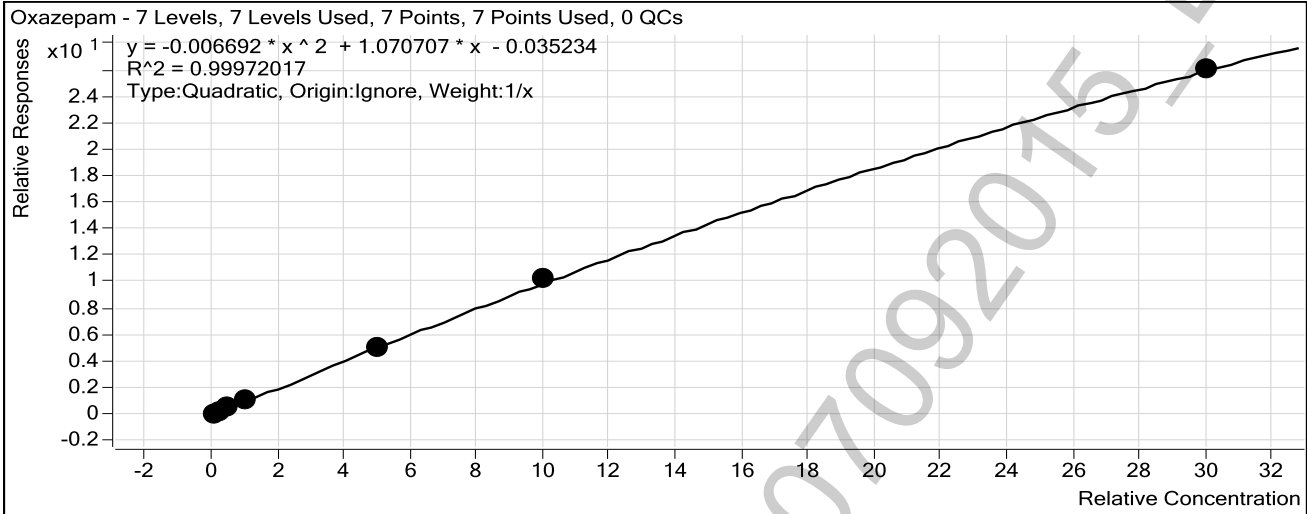
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound Oxazepam

Internal Standard Oxazepam D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 10.1 | 101.0 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.2 | 101.0 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 50.5 | 101.0 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 98.1 | 98.1 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 484.0 | 96.8 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1023.2 | 102.3 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2993.3 | 99.8 |

POC-AM 6.1.1 Blood/07092015

ISP Forensics Calibration Curve Report



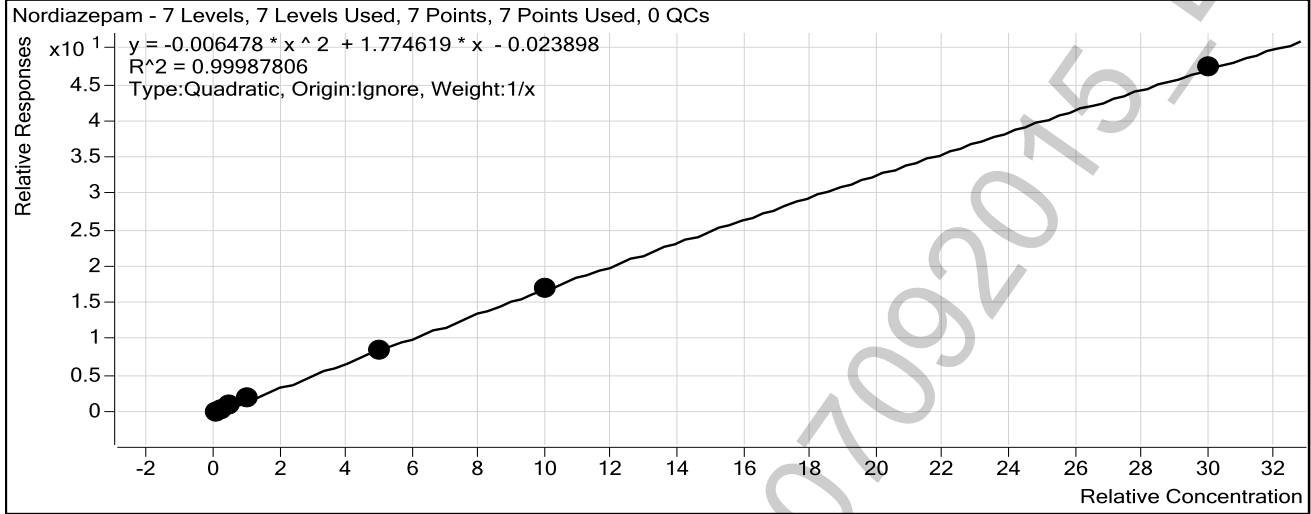
Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM

Analyst Name ISP TOX

Target Compound Nordiazepam

Internal Standard Nordiazepam-D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 9.2 | 92.1 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.5 | 102.2 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 51.4 | 102.9 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 104.4 | 104.4 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 491.3 | 98.3 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1002.7 | 100.3 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3000.5 | 100.0 |

POC-AM 6.1.1 Blood/07092015

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

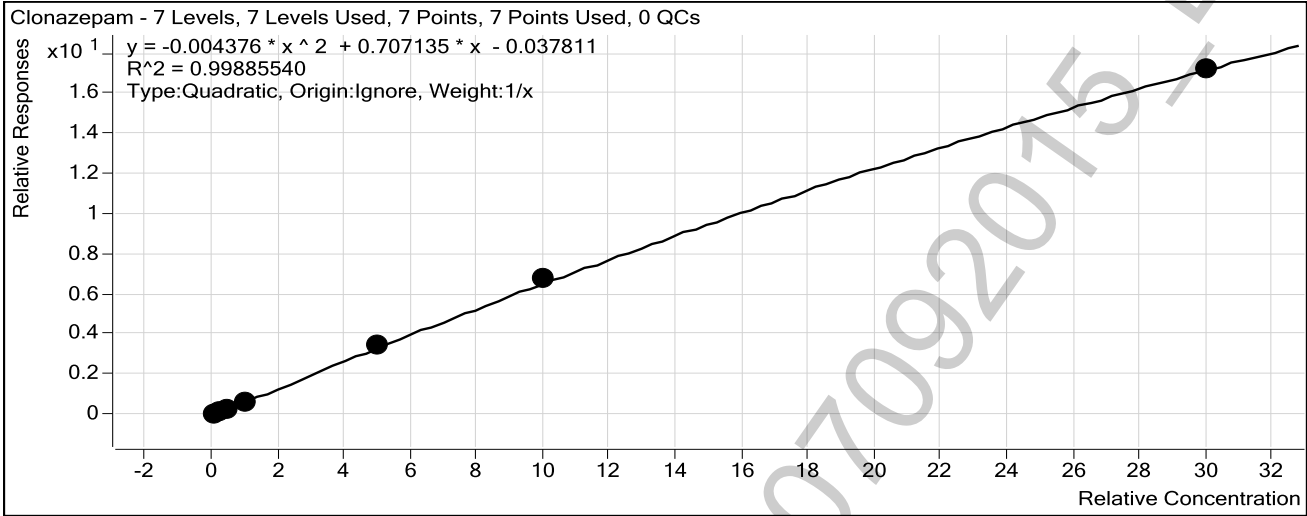
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound Clonazepam

Internal Standard Clonazepam-D4 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 11.7 | 117.3 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.3 | 105.3 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 45.2 | 90.4 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 84.2 | 84.2 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 503.4 | 100.7 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1024.1 | 102.4 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2988.9 | 99.6 |

POC-AM 6.1.1 Blood/07092015

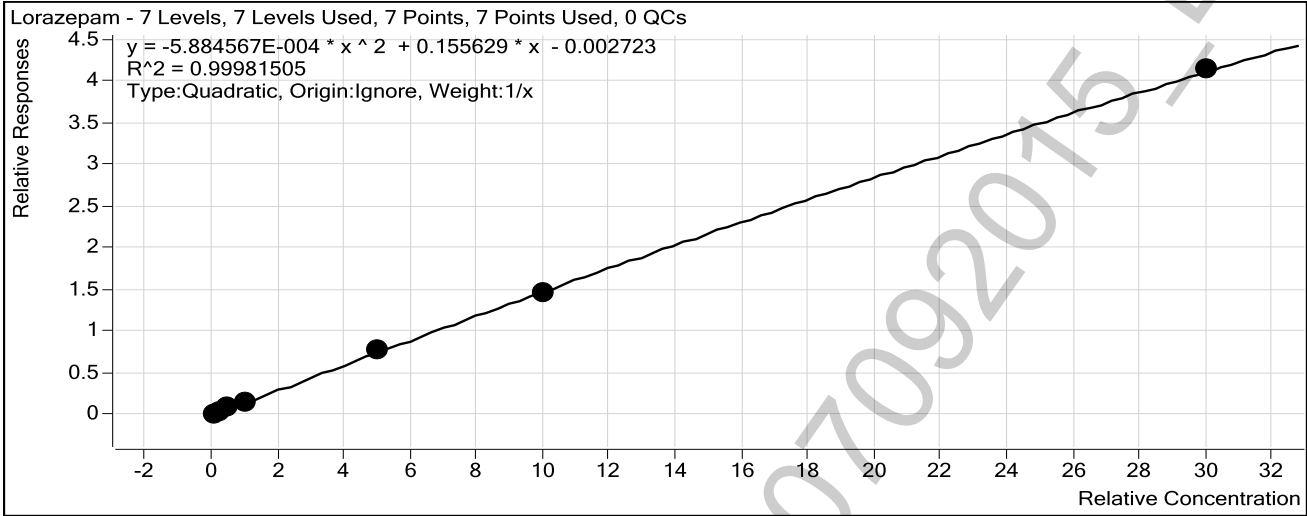
ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Oxazepam D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 9.0 | 89.9 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.7 | 102.8 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 52.4 | 104.9 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 102.4 | 102.4 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 508.0 | 101.6 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 982.5 | 98.3 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3005.2 | 100.2 |

POC-AM 6.1.1 Blood/07092015

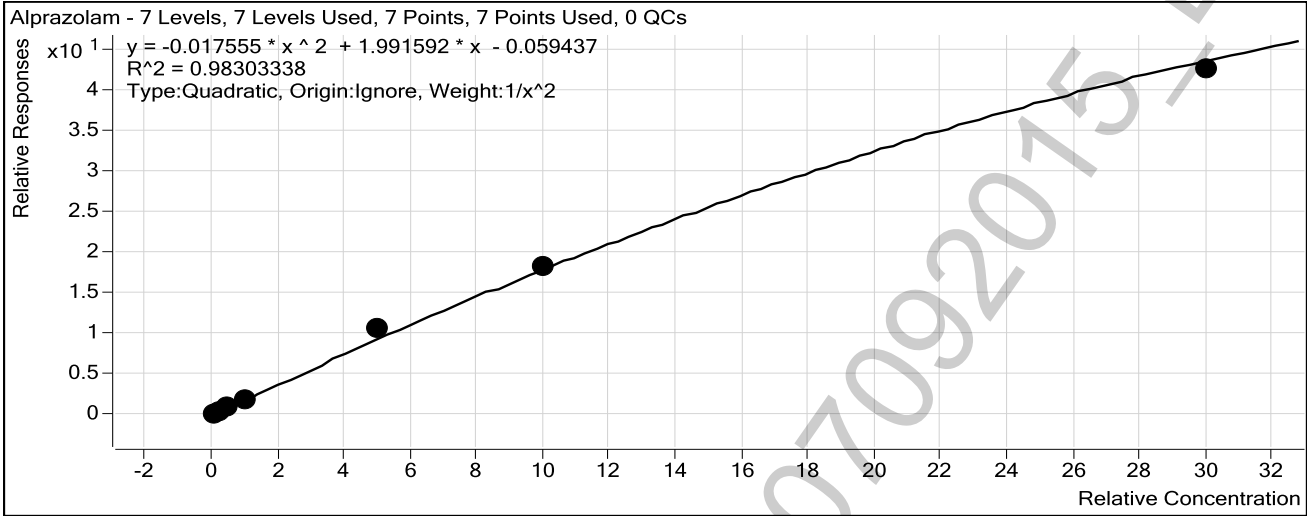
ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

Last Calib Update 7/10/2015 1:35 PM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard alphahydroxyalprazolam-D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 10.5 | 104.8 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 21.4 | 85.5 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 55.0 | 110.1 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 87.5 | 87.5 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 570.9 | 114.2 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1017.0 | 101.7 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2859.7 | 95.3 |

POC-AM 6.1.1 Blood/07092015

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

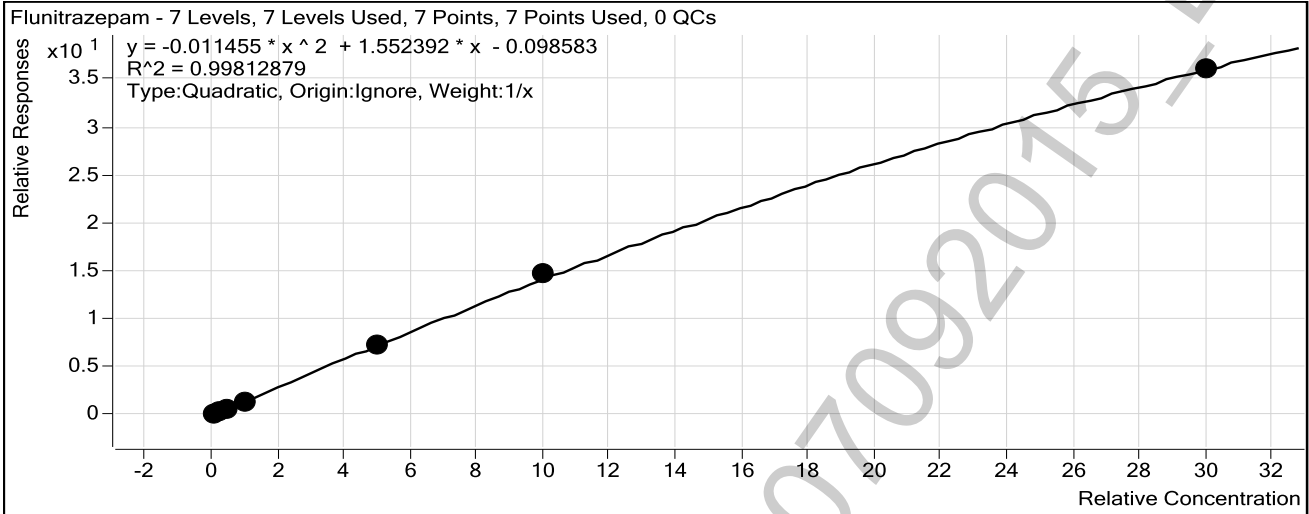
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound Flunitrazepam

Internal Standard Clonazepam-D4 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 12.2 | 122.4 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 26.4 | 105.6 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 43.8 | 87.5 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 81.7 | 81.7 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 496.9 | 99.4 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1039.3 | 103.9 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2982.2 | 99.4 |

POC-AM 6.1.1 Blood/07092015

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

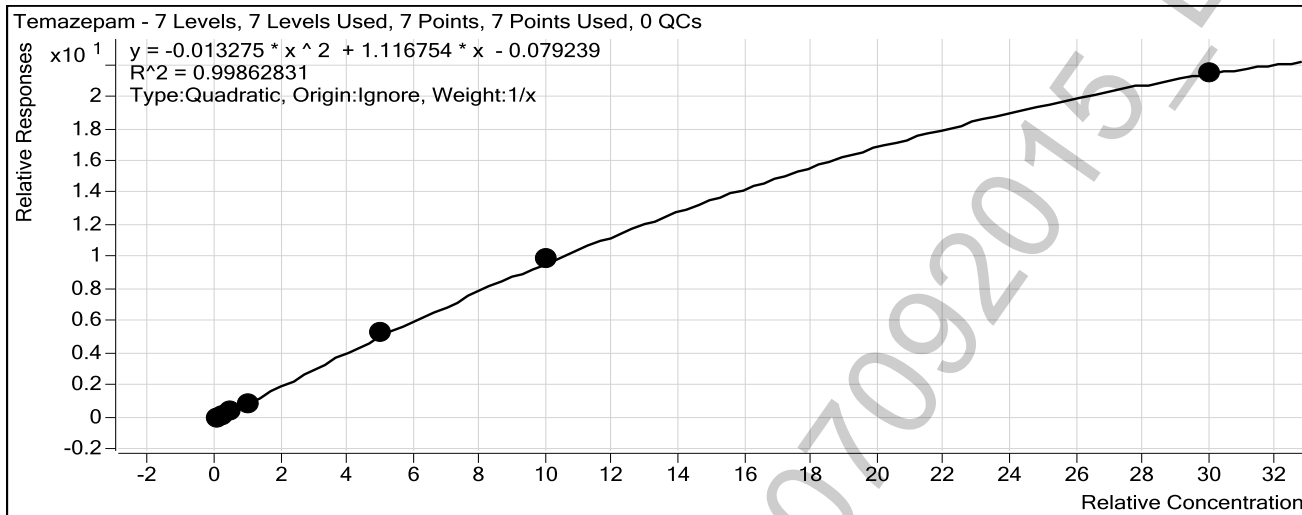
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound *Temazepam*

Internal Standard *Temazepam-D5 ISTD*



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 11.9 | 118.7 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.4 | 101.7 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 45.6 | 91.3 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 84.8 | 84.8 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 513.2 | 102.6 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 1013.0 | 101.3 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 2983.8 | 99.5 |

ISP Forensics Calibration Curve Report



Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin

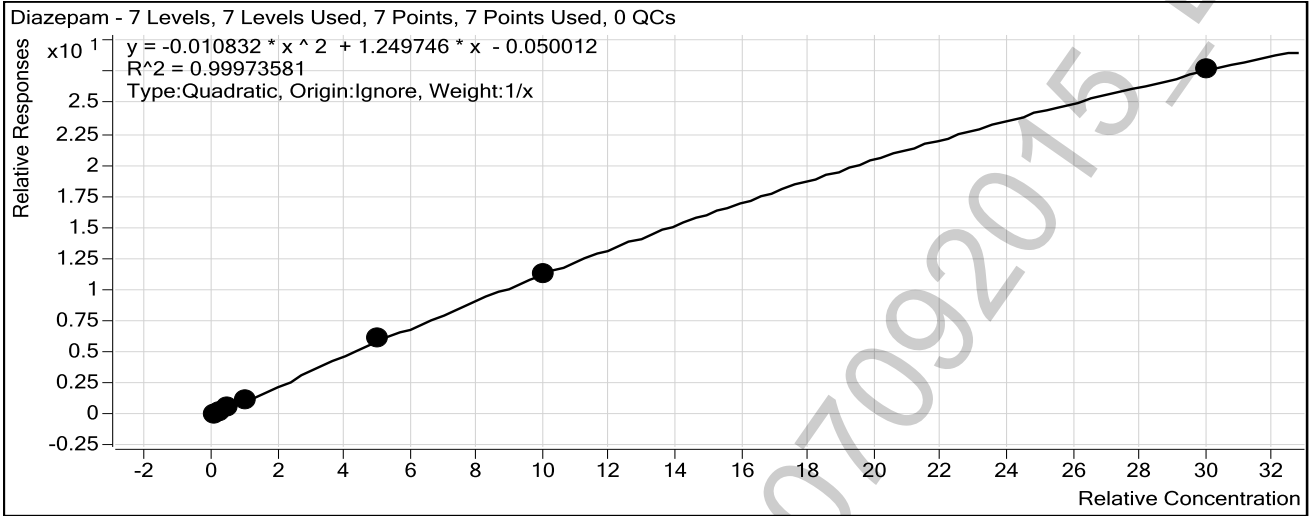
Last Calib Update 7/10/2015 1:35 PM

Analyst Name

ISP TOX

Target Compound Diazepam

Internal Standard Diazepam-D5 ISTD



| Sample | Level | Enabled | Exp Conc | Final Conc | Accuracy |
|------------|-------|-------------------------------------|----------|------------|----------|
| 10 ng/mL | 2 | <input checked="" type="checkbox"/> | 10 | 10.7 | 106.7 |
| 25 ng/mL | 4 | <input checked="" type="checkbox"/> | 25 | 25.0 | 100.0 |
| 50 ng/mL | 5 | <input checked="" type="checkbox"/> | 50 | 48.5 | 97.0 |
| 100 ng/mL | 6 | <input checked="" type="checkbox"/> | 100 | 94.3 | 94.3 |
| 500 ng/mL | 7 | <input checked="" type="checkbox"/> | 500 | 513.8 | 102.8 |
| 1000 ng/mL | 8 | <input checked="" type="checkbox"/> | 1000 | 992.3 | 99.2 |
| 3000 ng/mL | 9 | <input checked="" type="checkbox"/> | 3000 | 3000.5 | 100.0 |

POC-AM 6.1.1 Blood/07092015



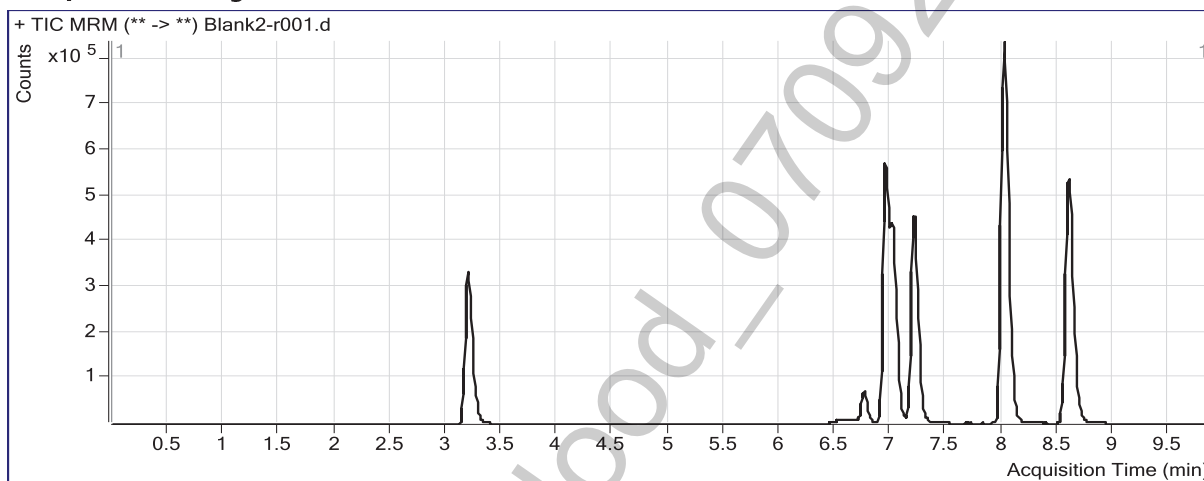
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

| | | | |
|--------------------------|--|----------------------|-----------|
| Batch Data Path | C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin | | |
| Analysis Time | 7/10/2015 1:35 PM | Analyst Name | ISPUser |
| Report Time | 7/10/2015 1:40 PM | Reporter Name | ISPUser |
| Last Calib Update | 7/10/2015 1:35 PM | Batch State | Processed |

Analysis Info

| | | | |
|--------------------|------------------|--------------------|-------------------------------|
| Acq Time | 2015-07-09 15:36 | Data File | Blank2-r001.d |
| Sample Type | Blank | Sample Name | Blank |
| Dilution | 1 | Acq Method | Benzos_Z_Drugs_ACN_FA_ISP.m |
| Position | P1-A1 | Sample Info | |
| Inj Vol | -1 | Comment | AM 6.1.1 Benzo and Z by LCQQQ |

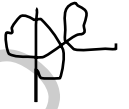
Sample Chromatogram



ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

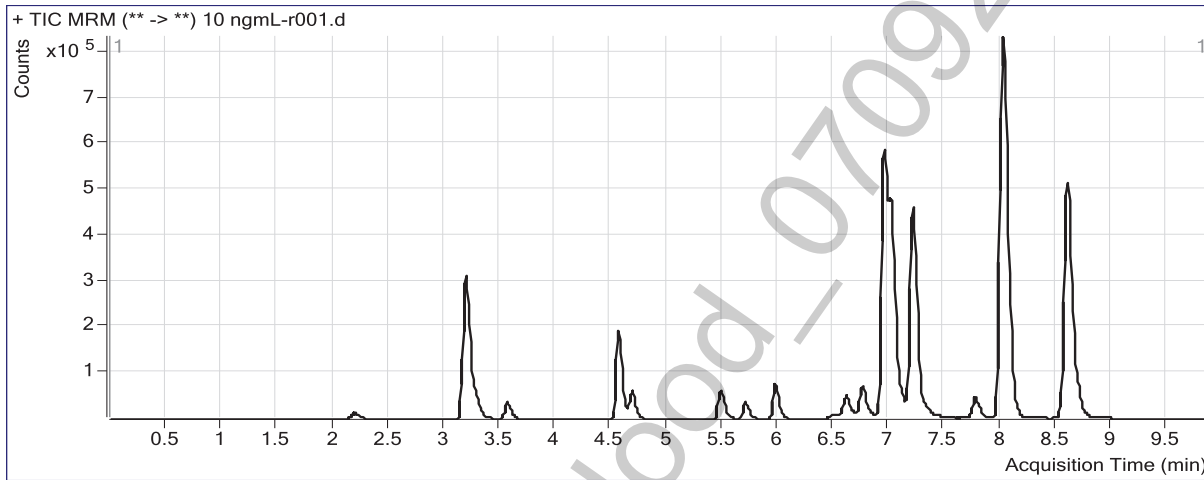


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 16:05 **Data File** 10 ngmL-r001.d
Sample Type Calibration **Sample Name** 10 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A3 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram *Outside the 20% tolerance - these 3 compounds will not be reported as "inconclusive" for this batch.



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|--------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.201 | 46138 | 1250090 | 0.0369 | 9.8525 |
| 7-Aminoflunitrazepam | 7-Aminoflunitrazepam-D7 ISTD | 3.295 | 103253 | 1250090 | 0.0826 | 8.2679 |
| zopiclone | Oxazepam D5 ISTD | 3.565 | 91931 | 1723886 | 0.0533 | 9.9492 |
| zolpidem | Oxazepam D5 ISTD | 4.558 | 562048 | 1723886 | 0.3260 | 8.3000 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.687 | 167856 | 699624 | 0.2399 | 11.7943 |
| quetiapine | Temazepam-D5 ISTD | 5.477 | 161276 | 4155980 | 0.0388 | 9.1824 |
| Midazolam | Clonazepam-D4 ISTD | 5.706 | 119128 | 1662357 | 0.0717 | 5.1165 * |
| Flurazepam | Diazepam-D5 ISTD | 5.970 | 247042 | 1292273 | 0.1912 | 10.6220 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 118460 | 1662357 | 0.0713 | 11.1918 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.802 | 5613 | 190082 | 0.0295 | 16.9871 * |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.850 | 16236 | 699624 | 0.0232 | 10.3762 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 125639 | 1723886 | 0.0729 | 10.1039 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 97546 | 699624 | 0.1394 | 9.2064 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 74950 | 1662357 | 0.0451 | 11.7316 |
| Lorazepam | Oxazepam D5 ISTD | 7.331 | 19425 | 1723886 | 0.0113 | 8.9930 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.418 | 28320 | 190082 | 0.1490 | 10.4750 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 151730 | 1662357 | 0.0913 | 12.2411 * |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 220712 | 4155980 | 0.0531 | 11.8677 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 107537 | 1292273 | 0.0832 | 10.6702 |

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

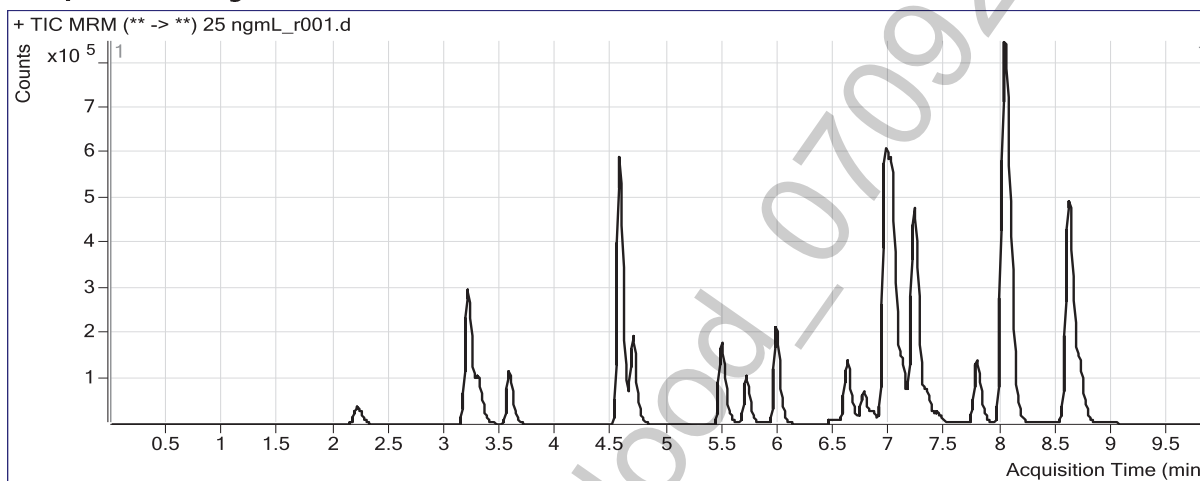


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 16:35 **Data File** 25 ngmL_r001.d
Sample Type Calibration **Sample Name** 25 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A5 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.209 | 135056 | 1165279 | 0.1159 | 25.6559 |
| 7-Aminoflunitrazepam | 7-Aminoflunitrazepam-D7 ISTD | 3.303 | 288863 | 1165279 | 0.2479 | 26.3585 |
| zopiclone | Oxazepam D5 ISTD | 3.573 | 295146 | 1711890 | 0.1724 | 25.5564 |
| zolpidem | Oxazepam D5 ISTD | 4.558 | 1732840 | 1711890 | 1.0122 | 25.8473 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.687 | 525458 | 682190 | 0.7703 | 24.8568 |
| quetiapine | Temazepam-D5 ISTD | 5.477 | 476070 | 3612623 | 0.1318 | 26.5638 |
| Midazolam | Clonazepam-D4 ISTD | 5.706 | 340456 | 1567780 | 0.2172 | 29.2231 |
| Flurazepam | Diazepam-D5 ISTD | 5.970 | 718492 | 1263677 | 0.5686 | 25.5190 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 359279 | 1567780 | 0.2292 | 26.4506 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.794 | 15182 | 234143 | 0.0648 | 26.3672 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.842 | 53732 | 682190 | 0.0788 | 26.1501 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 401755 | 1711890 | 0.2347 | 25.2493 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 292578 | 682190 | 0.4289 | 25.5379 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 232188 | 1567780 | 0.1481 | 26.3337 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 63731 | 1711890 | 0.0372 | 25.6958 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.426 | 85571 | 234143 | 0.3655 | 21.3751 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 486728 | 1567780 | 0.3105 | 26.4005 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 736244 | 3612623 | 0.2038 | 25.4214 |
| Diazepam | Diazepam-D5 ISTD | 8.706 | 330749 | 1263677 | 0.2617 | 24.9990 |

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

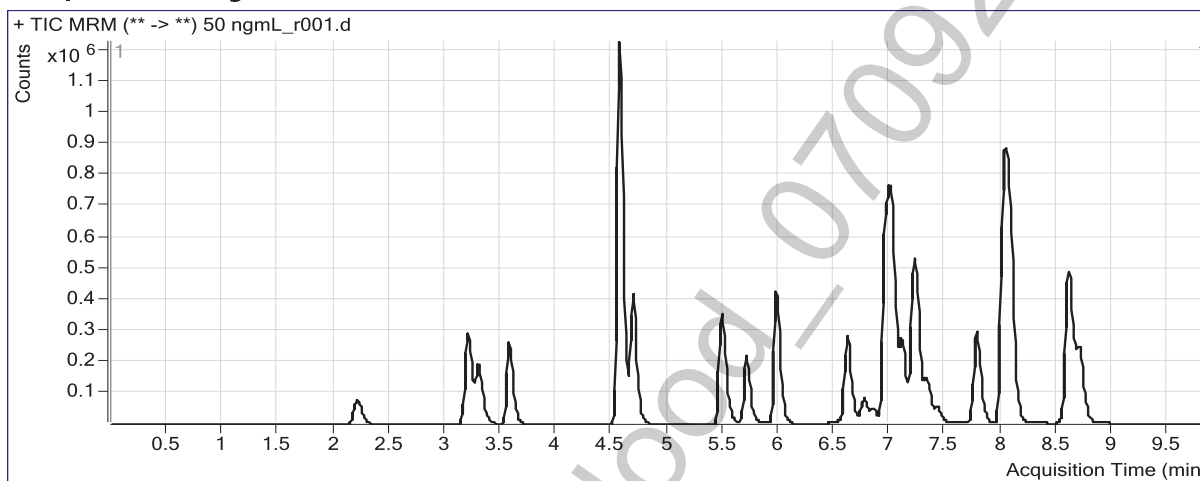


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 16:49 **Data File** 50 ngmL_r001.d
Sample Type Calibration **Sample Name** 50 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A6 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.209 | 283740 | 1175922 | 0.2413 | 50.7894 |
| 7-Aminoflunitrazepam | 7-Aminoflunitrazepam-D7 ISTD | 3.303 | 583979 | 1175922 | 0.4966 | 53.6653 |
| zopiclone | Oxazepam D5 ISTD | 3.573 | 643823 | 1747393 | 0.3684 | 51.2015 |
| zolpidem | Oxazepam D5 ISTD | 4.558 | 3648776 | 1747393 | 2.0881 | 53.5144 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.687 | 1137030 | 700223 | 1.6238 | 45.8976 |
| quetiapine | Temazepam-D5 ISTD | 5.485 | 961857 | 3613720 | 0.2662 | 51.7131 |
| Midazolam | Clonazepam-D4 ISTD | 5.706 | 707000 | 1777015 | 0.3979 | 59.2093 |
| Flurazepam | Diazepam-D5 ISTD | 5.970 | 1462170 | 1245467 | 1.1740 | 49.4799 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 771104 | 1777015 | 0.4339 | 46.2782 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.794 | 27108 | 185361 | 0.1462 | 47.9915 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.842 | 110793 | 700223 | 0.1582 | 48.7024 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 880035 | 1747393 | 0.5036 | 50.4869 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 621224 | 700223 | 0.8872 | 51.4359 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 499318 | 1777015 | 0.2810 | 45.2095 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 137577 | 1747393 | 0.0787 | 52.4437 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.426 | 191209 | 185361 | 1.0315 | 55.0465 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 1028246 | 1777015 | 0.5786 | 43.7656 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 1545026 | 3613720 | 0.4275 | 45.6276 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 689463 | 1245467 | 0.5536 | 48.5009 |

ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

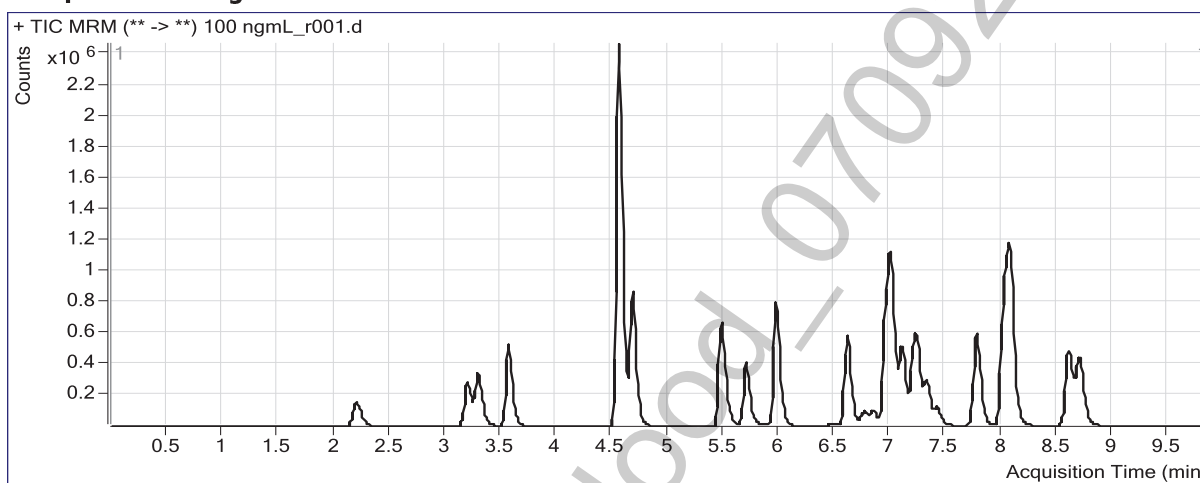


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 17:04 **Data File** 100 ngmL_r001.d
Sample Type Calibration **Sample Name** 100 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A7 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.209 | 558776 | 1127152 | 0.4957 | 101.9713 |
| 7-Aminoflunitrazepam | ISTD | 3.303 | 1105446 | 1127152 | 0.9807 | 107.1159 |
| zopiclone | Oxazepam D5 ISTD | 3.565 | 1295949 | 1792113 | 0.7231 | 97.4509 |
| zolpidem | Oxazepam D5 ISTD | 4.558 | 7329345 | 1792113 | 4.0898 | 105.5029 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.687 | 2379106 | 705708 | 3.3712 | 89.0376 |
| quetiapine | Temazepam-D5 ISTD | 5.477 | 1842565 | 3591773 | 0.5130 | 97.9822 |
| Midazolam | Clonazepam-D4 ISTD | 5.697 | 1348535 | 1778323 | 0.7583 | 119.1807 |
| Flurazepam | Diazepam-D5 ISTD | 5.970 | 2768334 | 1243541 | 2.2262 | 91.3100 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 1563520 | 1778323 | 0.8792 | 89.5526 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.794 | 72285 | 250045 | 0.2891 | 85.9385 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.842 | 221850 | 705708 | 0.3144 | 92.9856 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 1807552 | 1792113 | 1.0086 | 98.0929 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 1285288 | 705708 | 1.8213 | 104.3734 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 986314 | 1778323 | 0.5546 | 84.2197 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 279550 | 1792113 | 0.1560 | 102.3774 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.418 | 417549 | 250045 | 1.6699 | 87.5067 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 2067805 | 1778323 | 1.1628 | 81.7463 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 3084354 | 3591773 | 0.8587 | 84.8462 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 1391532 | 1243541 | 1.1190 | 94.3115 |

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

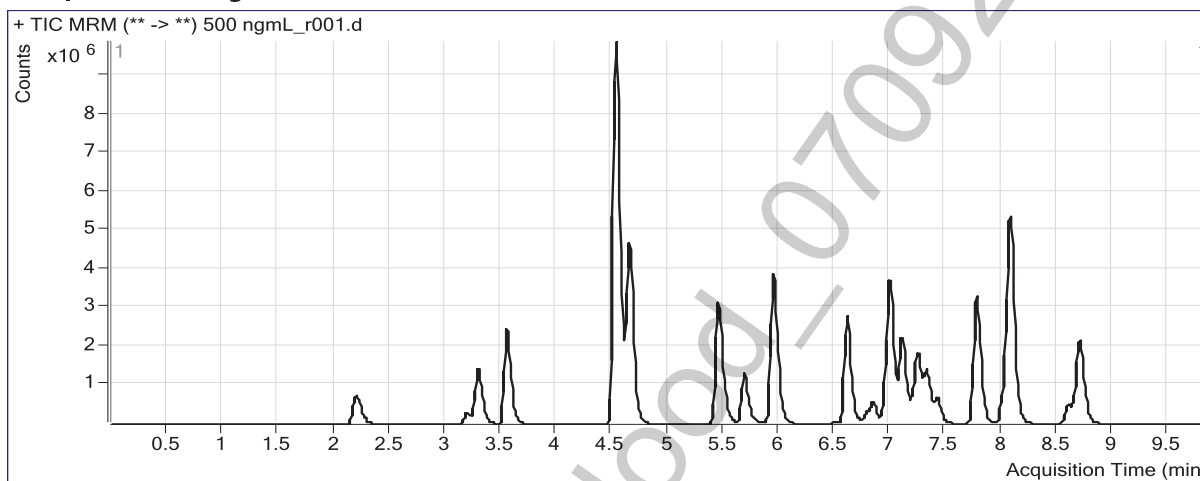


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 17:18 **Data File** 500 ngmL_r001.d
Sample Type Calibration **Sample Name** 500 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A8 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.209 | 2680866 | 1132117 | 2.3680 | 486.3139 |
| 7-Aminoflunitrazepam | ISTD | 3.295 | 4880919 | 1132117 | 4.3113 | 486.2545 |
| zopiclone | Oxazepam D5 ISTD | 3.548 | 6492244 | 1745255 | 3.7199 | 480.7811 |
| zolpidem | Oxazepam D5 ISTD | 4.533 | 34076645 | 1745255 | 19.5253 | 532.0465 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.654 | 14203194 | 715873 | 19.8404 | 500.0016 |
| quetiapine | Temazepam-D5 ISTD | 5.452 | 9513311 | 3560462 | 2.6719 | 507.1032 |
| Midazolam | Clonazepam-D4 ISTD | 5.688 | 4519050 | 1567996 | 2.8821 | 476.8247 |
| Flurazepam | Diazepam-D5 ISTD | 5.945 | 14837792 | 1208386 | 12.2790 | 503.8329 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 7546347 | 1567996 | 4.8127 | 481.7573 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.794 | 420581 | 226372 | 1.8579 | 502.7010 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.842 | 1268629 | 715873 | 1.7721 | 504.4912 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 8709354 | 1745255 | 4.9903 | 484.0068 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 6112037 | 715873 | 8.5379 | 491.2679 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 5348439 | 1567996 | 3.4110 | 503.3995 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 1348582 | 1745255 | 0.7727 | 508.0187 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.418 | 2430971 | 226372 | 10.7388 | 570.9236 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 11497907 | 1567996 | 7.3329 | 496.9319 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 18879564 | 3560462 | 5.3026 | 513.2244 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 7352741 | 1208386 | 6.0848 | 513.7584 |



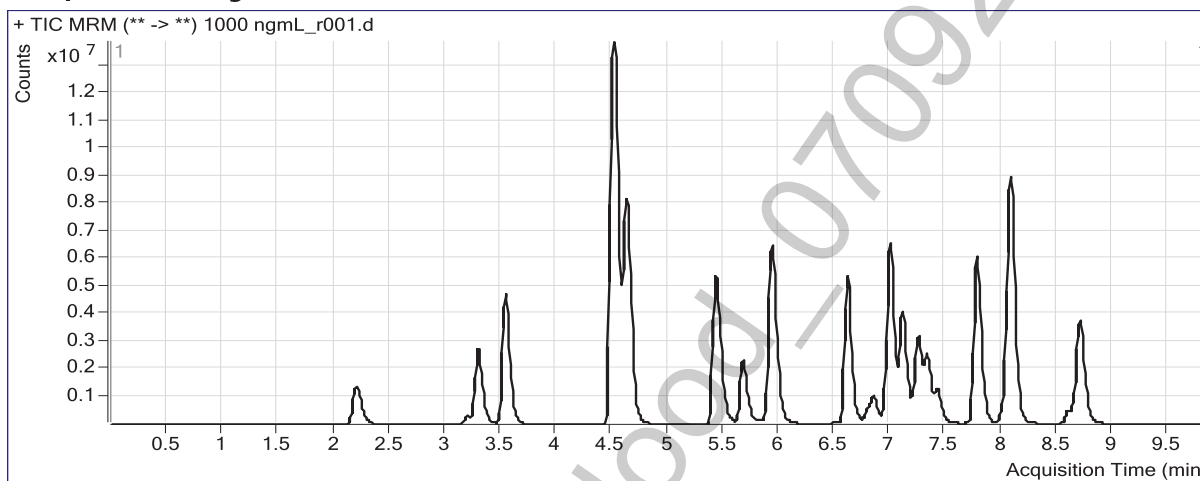
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 17:33 **Data File** 1000 ngmL_r001.d
Sample Type Calibration **Sample Name** 1000 ngmL
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A9 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.209 | 5176335 | 1128877 | 4.5854 | 960.7266 |
| 7-Aminoflunitrazepam | 7-Aminoflunitrazepam-D7 ISTD | 3.295 | 9645791 | 1128877 | 8.5446 | 1001.2165 |
| zopiclone | Oxazepam D5 ISTD | 3.540 | 13494191 | 1657450 | 8.1415 | 1024.0755 |
| zolpidem | Oxazepam D5 ISTD | 4.516 | 54042434 | 1657450 | 32.6058 | 938.8117 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.629 | 26564906 | 660279 | 40.2328 | 1020.3536 |
| quetiapine | Temazepam-D5 ISTD | 5.426 | 17620271 | 3410478 | 5.1665 | 990.1595 |
| Midazolam | Clonazepam-D4 ISTD | 5.672 | 8600719 | 1473641 | 5.8364 | 987.2790 |
| Flurazepam | Diazepam-D5 ISTD | 5.928 | 28271427 | 1189345 | 23.7706 | 1008.1486 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.621 | 14916983 | 1473641 | 10.1225 | 1043.1011 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.802 | 894699 | 250880 | 3.5662 | 956.5200 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.850 | 2349643 | 660279 | 3.5586 | 1004.0758 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 16938395 | 1657450 | 10.2196 | 1023.1864 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 11303234 | 660279 | 17.1189 | 1002.7002 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 9939841 | 1473641 | 6.7451 | 1024.1178 |
| Lorazepam | Oxazepam D5 ISTD | 7.331 | 2435682 | 1657450 | 1.4695 | 982.5074 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.426 | 4611174 | 250880 | 18.3800 | 1017.0381 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.779 | 21806873 | 1473641 | 14.7980 | 1039.2905 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 33666868 | 3410478 | 9.8716 | 1013.0386 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 13421161 | 1189345 | 11.2845 | 992.2838 |

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

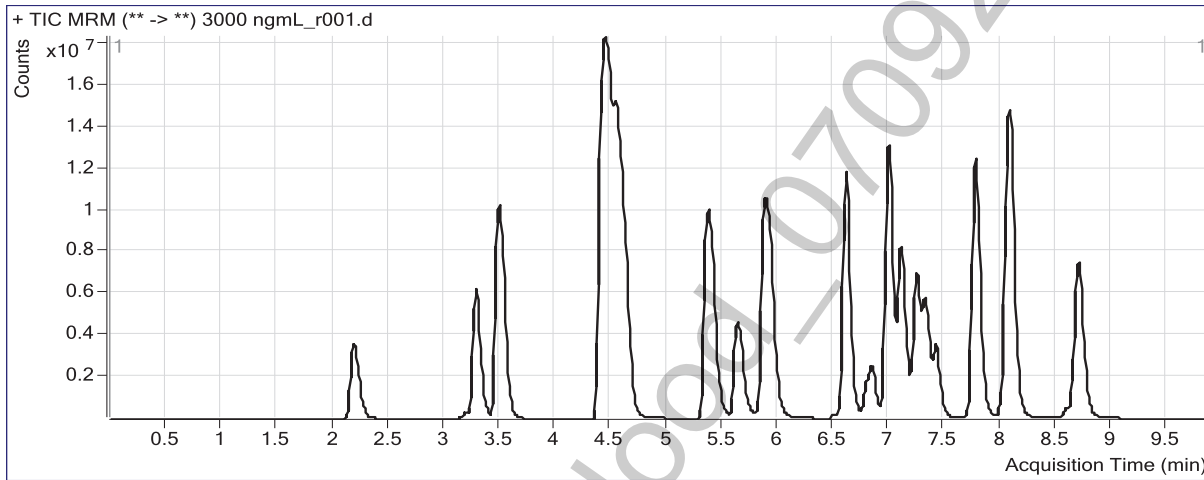


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
 Analysis Time 7/10/2015 1:35 PM Analyst Name ISPUser
 Report Time 7/10/2015 1:40 PM Reporter Name ISPUser
 Last Calib Update 7/10/2015 1:35 PM Batch State Processed

Analysis Info

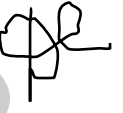
Acq Time 2015-07-09 17:48 Data File 3000 ngmL_r001.d
 Sample Type Calibration Sample Name 3000 ngmL
 Dilution 1 Acq Method Benzos_Z_Drugs_ACN_FA_ISP.m
 Position P1-B1 Sample Info
 Inj Vol -1 Comment AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|-------------------------|-----------------------------------|-------|-----------|-----------|------------|------------|
| 7-Aminoclonazepam | 7-Aminoflunitrazepam-D7 ISTD | 2.192 | 13668627 | 1038140 | 13.1665 | 3063.1352 |
| 7-Aminoflunitrazepam | 7-Aminoflunitrazepam-D7 ISTD | 3.286 | 22651849 | 1038140 | 21.8197 | 3002.5329 |
| zopiclone | Oxazepam D5 ISTD | 3.490 | 35960172 | 1388182 | 25.9045 | 2995.7905 |
| zolpidem | Oxazepam D5 ISTD | 4.450 | 103701576 | 1388182 | 74.7032 | 3041.5129 |
| Chlordiazepoxide | Nordiazepam-D5 ISTD | 4.571 | 59582445 | 527897 | 112.8676 | 2992.9792 |
| quetiapine | Temazepam-D5 ISTD | 5.368 | 41834220 | 2803416 | 14.9226 | 3002.3286 |
| Midazolam | Clonazepam-D4 ISTD | 5.638 | 21537426 | 1293791 | 16.6468 | 3008.3927 |
| Flurazepam | Diazepam-D5 ISTD | 5.886 | 62362501 | 1030660 | 60.5073 | 2995.5229 |
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 33106429 | 1293791 | 25.5887 | 2985.6217 |
| alpha-Hydroxyalprazolam | alphahydroxyalprazolam-D5 ISTD | 6.794 | 3370464 | 257040 | 13.1126 | 3492.5260 |
| alpha-hydroxytriazolam | Nordiazepam-D5 ISTD | 6.842 | 5738598 | 527897 | 10.8707 | 2998.2131 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 36118596 | 1388182 | 26.0186 | 2993.2885 |
| Nordiazepam | Nordiazepam-D5 ISTD | 7.109 | 25017648 | 527897 | 47.3912 | 3000.5097 |
| Clonazepam | Clonazepam-D4 ISTD | 7.248 | 22237922 | 1293791 | 17.1882 | 2988.9076 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 5750866 | 1388182 | 4.1427 | 3005.1578 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.418 | 10934114 | 257040 | 42.5386 | 2859.7431 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 46587547 | 1293791 | 36.0085 | 2982.1545 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 60059834 | 2803416 | 21.4238 | 2983.7613 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 28546122 | 1030660 | 27.6969 | 3000.5112 |



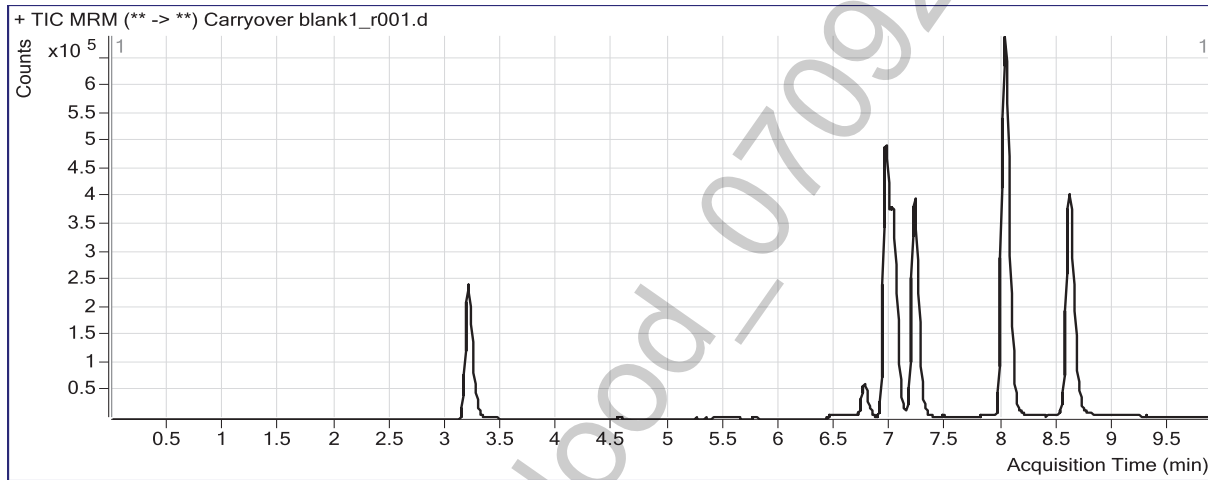
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

| | | | |
|--------------------------|--|----------------------|-----------|
| Batch Data Path | C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin | | |
| Analysis Time | 7/10/2015 1:35 PM | Analyst Name | ISPUser |
| Report Time | 7/10/2015 1:40 PM | Reporter Name | ISPUser |
| Last Calib Update | 7/10/2015 1:35 PM | Batch State | Processed |

Analysis Info

| | | | |
|--------------------|------------------|--------------------|-------------------------------|
| Acq Time | 2015-07-09 18:02 | Data File | Carryover blank1_r001.d |
| Sample Type | Blank | Sample Name | Blank |
| Dilution | 1 | Acq Method | Benzos_Z_Drugs_ACN_FA_ISP.m |
| Position | P1-A1 | Sample Info | |
| Inj Vol | -1 | Comment | AM 6.1.1 Benzo and Z by LCQQQ |

Sample Chromatogram





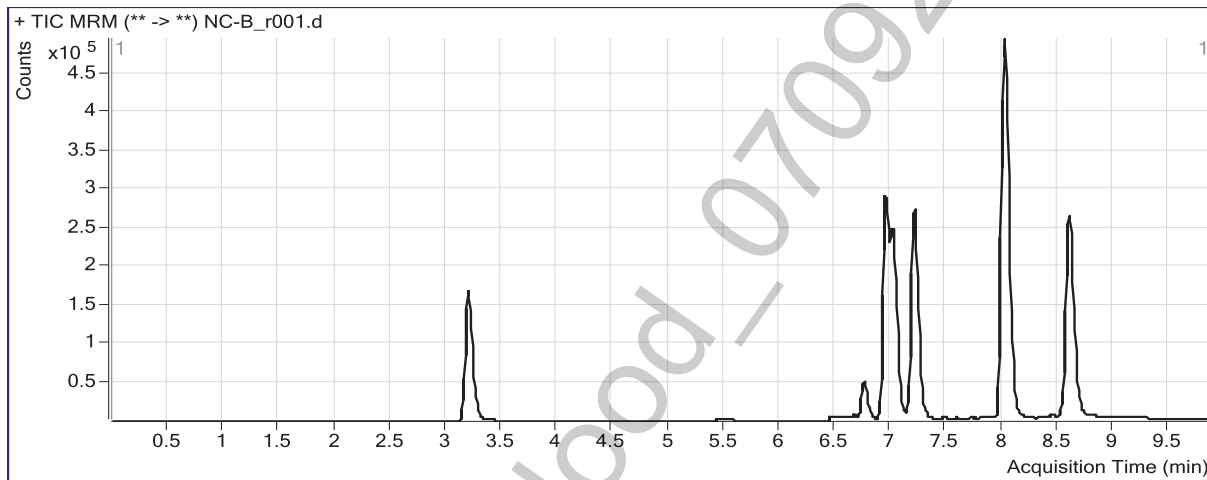
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

| | | | |
|--------------------------|--|----------------------|-----------|
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| Analysis Time | 7/10/2015 1:35 PM | Analyst Name | ISPUser |
| Report Time | 7/10/2015 1:40 PM | Reporter Name | ISPUser |
| Last Calib Update | 7/10/2015 1:35 PM | Batch State | Processed |

Analysis Info

| | | | |
|--------------------|------------------|--------------------|-------------------------------------|
| Acq Time | 2015-07-09 18:17 | Data File | NC-B_r001.d |
| Sample Type | Sample | Sample Name | Negative Blood Control |
| Dilution | 1 | Acq Method | Benzos_Z_Drugs_ACN_FA_ISP.m |
| Position | P1-B2 | Sample Info | UTAK Negative Whole Blood LOT B0689 |
| Inj Vol | -1 | Comment | AM 6.1.1 Benzo and Z by LCQQQ |

Sample Chromatogram



ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

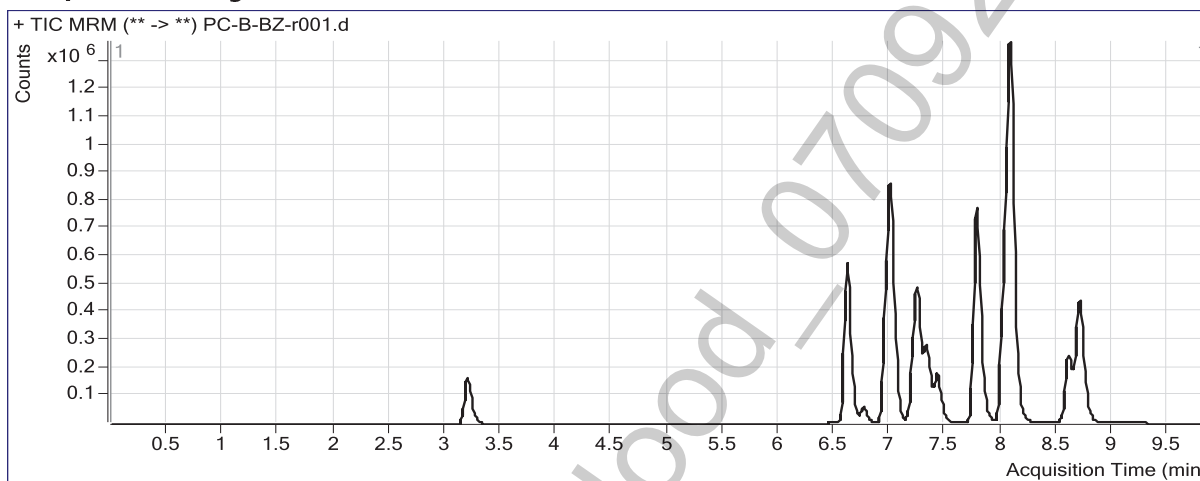


Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 18:32 **Data File** PC-B-BZ-r001.d
Sample Type Sample **Sample Name** Positive Blood Control
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-B3 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

| Compound | ISTD Compound | RT | Response | ISTD Resp | Resp Ratio | Final Conc |
|---------------|--------------------------------|-------|----------|-----------|------------|------------|
| Nitrazepam | Clonazepam-D4 ISTD | 6.612 | 1583020 | 877448 | 1.8041 | 180.1445 |
| Oxazepam | Oxazepam D5 ISTD | 6.997 | 1674285 | 881278 | 1.8998 | 182.8171 |
| Clonazepam | Clonazepam-D4 ISTD | 7.240 | 1167711 | 877448 | 1.3308 | 195.9191 |
| Lorazepam | Oxazepam D5 ISTD | 7.323 | 257460 | 881278 | 0.2921 | 190.8451 |
| Alprazolam | alphahydroxyalprazolam-D5 ISTD | 7.418 | 659120 | 188144 | 3.5033 | 181.8004 |
| Flunitrazepam | Clonazepam-D4 ISTD | 7.771 | 2718639 | 877448 | 3.0983 | 209.1641 |
| Temazepam | Temazepam-D5 ISTD | 8.075 | 4311625 | 2147752 | 2.0075 | 191.2038 |
| Diazepam | Diazepam-D5 ISTD | 8.698 | 1460589 | 597683 | 2.4438 | 203.1174 |

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

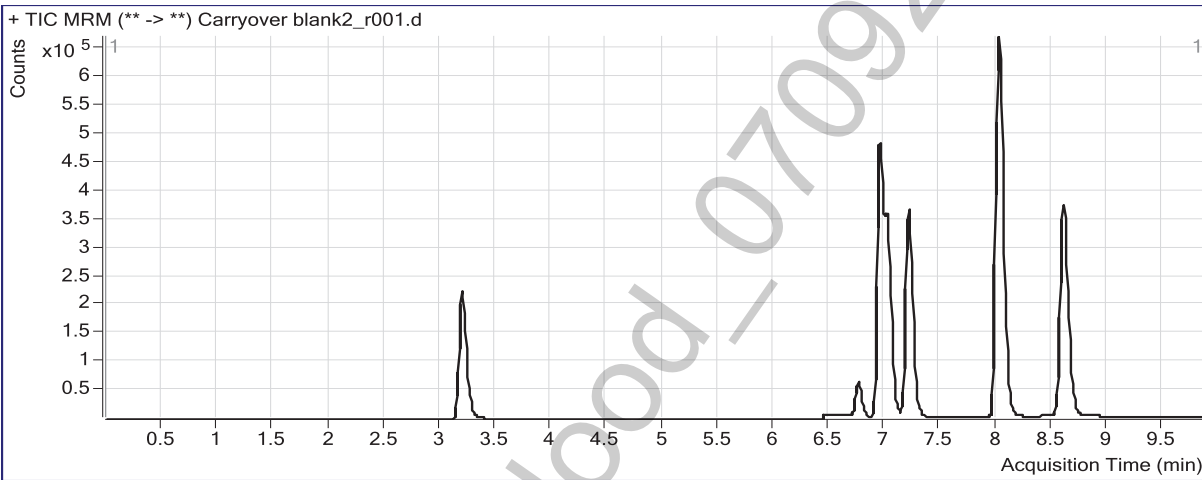


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Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-09 18:46 **Data File** Carryover blank2_r001.d
Sample Type Blank **Sample Name** Blank
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram





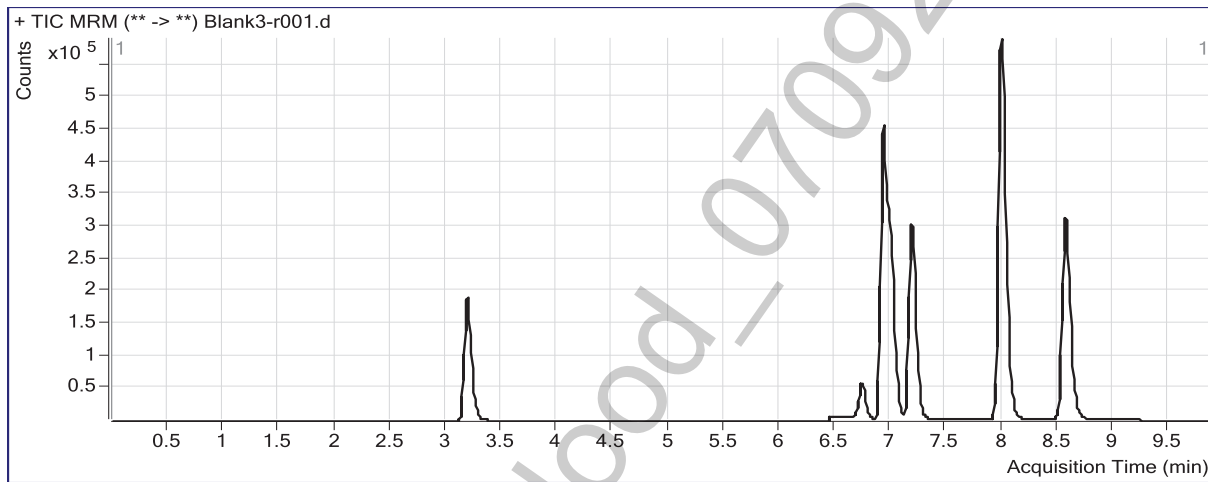
ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

| | | | |
|--------------------------|--|----------------------|-----------|
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| Analysis Time | 7/10/2015 1:35 PM | Analyst Name | ISPUser |
| Report Time | 7/10/2015 1:40 PM | Reporter Name | ISPUser |
| Last Calib Update | 7/10/2015 1:35 PM | Batch State | Processed |

Analysis Info

| | | | |
|--------------------|------------------|--------------------|-------------------------------|
| Acq Time | 2015-07-10 03:18 | Data File | Blank3-r001.d |
| Sample Type | Blank | Sample Name | Blank |
| Dilution | 1 | Acq Method | Benzos_Z_Drugs_ACN_FA_ISP.m |
| Position | P1-A1 | Sample Info | |
| Inj Vol | -1 | Comment | AM 6.1.1 Benzo and Z by LCQQQ |

Sample Chromatogram





ISP FORENSICS
Pocatello
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\BZ\BZ-B-070915\QuantResults\BZ-B-070915.batch.bin
Analysis Time 7/10/2015 1:35 PM **Analyst Name** ISPUser
Report Time 7/10/2015 1:40 PM **Reporter Name** ISPUser
Last Calib Update 7/10/2015 1:35 PM **Batch State** Processed

Analysis Info

Acq Time 2015-07-10 03:33 **Data File** Blank4-r001.d
Sample Type Blank **Sample Name** Blank
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram

