




*B. Wylie*

**Worklist: 1384**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
P2016-2444	1.1	69852	AM 13 Urine LCMS-QQQ Benz	
P2016-2444	1.2	69858	AM 13 Urine LCMS-QQQ Benz	
P2016-2444	1.3	69861	AM 13 Urine LCMS-QQQ Benz	

# Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS BENZ Urine 112816.wkl
Date Modified:	11/28/2016 01:03:02 PM
Date Printed:	11/28/2016 01:03:15 PM

## Worklist Run Parameters

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-U-081415
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

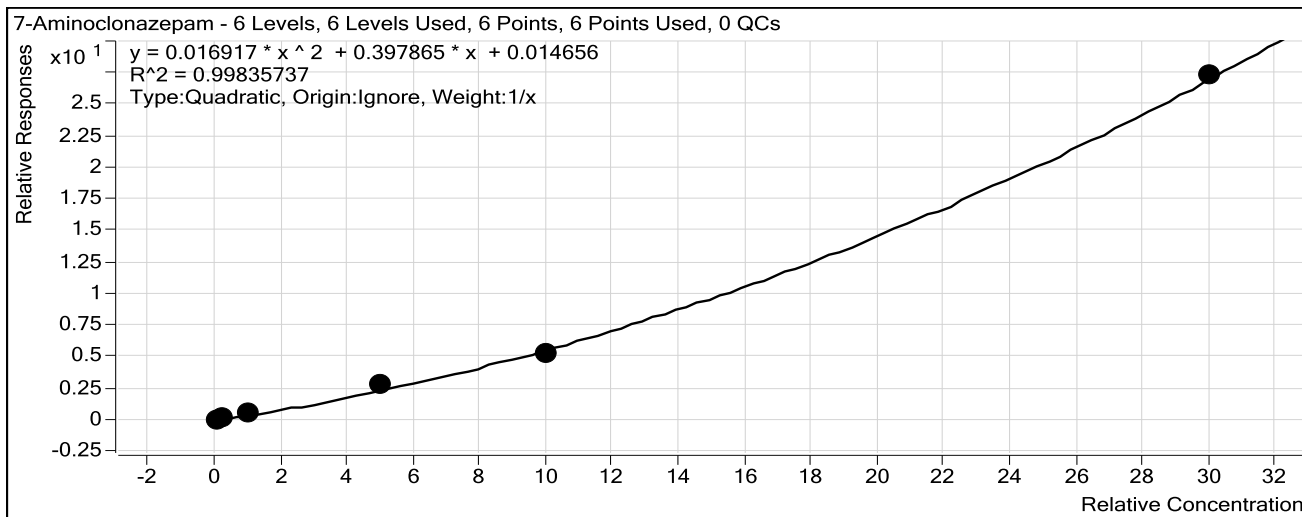
Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Blank1-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A3	10 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	10 ngmL_r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A4	25 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A5	50 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	50 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A6	100 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A7	500 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A8	1000 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	1000 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A9	3000 ngmL	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	3000 ngmL_r001.d	Calibration	8	AM 6.1.1 Benzo	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 9
						and Z by LCQQQ	
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B3	Oxazepam- Glucuronide with No Enzyme	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	ox- neg-U_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	300 ng/mL Alltech lot 715- 5035 in neg lot POC112116
P1-B4	Oxazepam- Glucuronide with Enzyme	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	ox- pos-U_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	300 ng/mL Alltech lot 715- 5035 in neg lot POC112116
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	Negative Urine Control	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	NC-U-BZ- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Negative Urine lot POC112116
P1-B2	Positive Urine Control	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	PC-U-BZ- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	300 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT POC041212
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank3_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	Blank - P2016- 2444-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank-P2016- 2444-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B5	P2016- 2444-1	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	P2016-2444- 1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Urine
P1-B1	Blank - P2016- 2444-2	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank-P2016- 2444-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B6	P2016- 2444-2	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	P2016-2444- 2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Urine
P1-B1	Blank - P2016- 2444-3	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	Carryover blank-P2016- 2444-3_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B7	P2016- 2444-3	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.m	P2016-2444- 3-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Urine
P1-A1	Blank	C:\MassHunter\ISP Methods\Acquisition\Benzos_Z_Drugs_ACN_FA_ISP_10252016.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_10252016.m	Blank4-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin  
**Last Calib Update** 12/1/2016 11:12 AM **Analyst Name** ISP TOX

**Target Compound** 7-Aminoclonazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



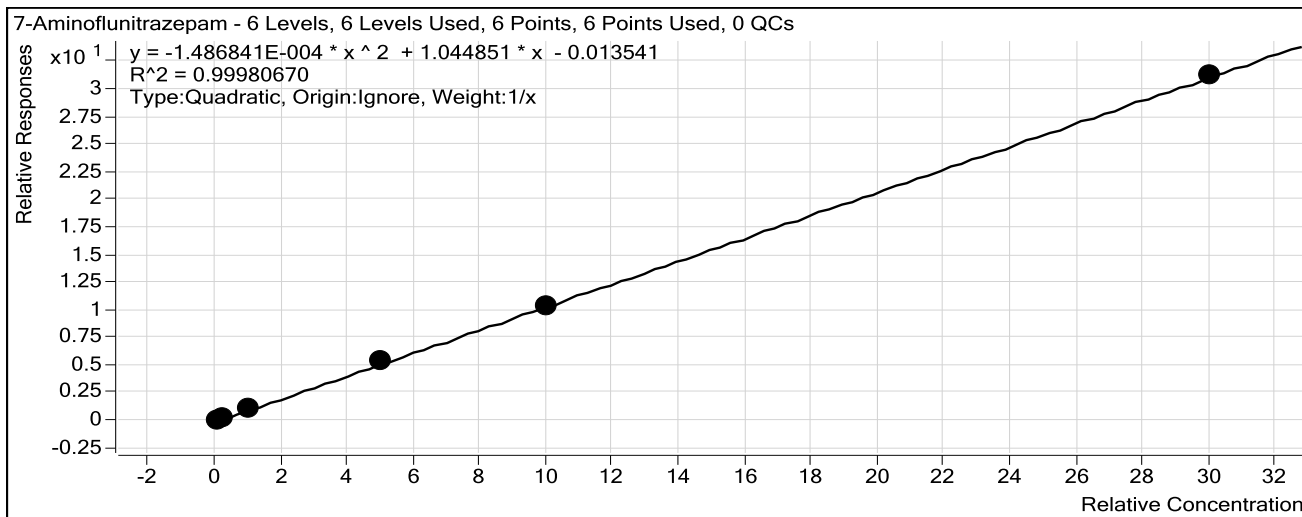
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	112.4	112.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	556.0	111.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	935.0	93.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3007.2	100.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** 7-Aminoflunitrazepam  
**Internal Standard** 7-Aminoflunitrazepam-D7 ISTD



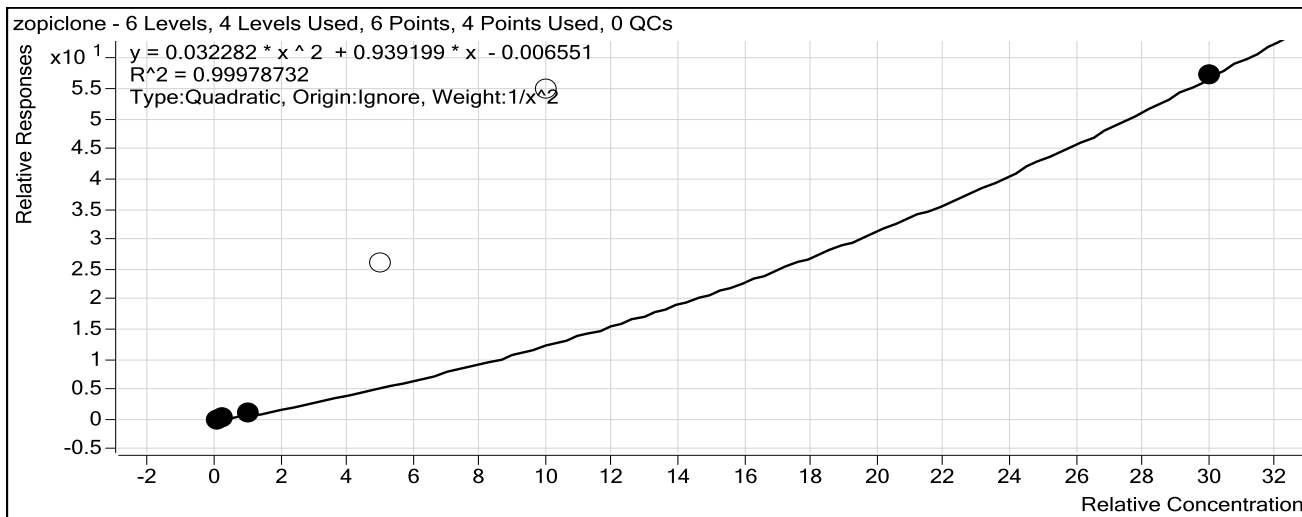
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.6	106.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.5	95.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	514.8	103.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	988.5	98.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.5	100.1

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

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



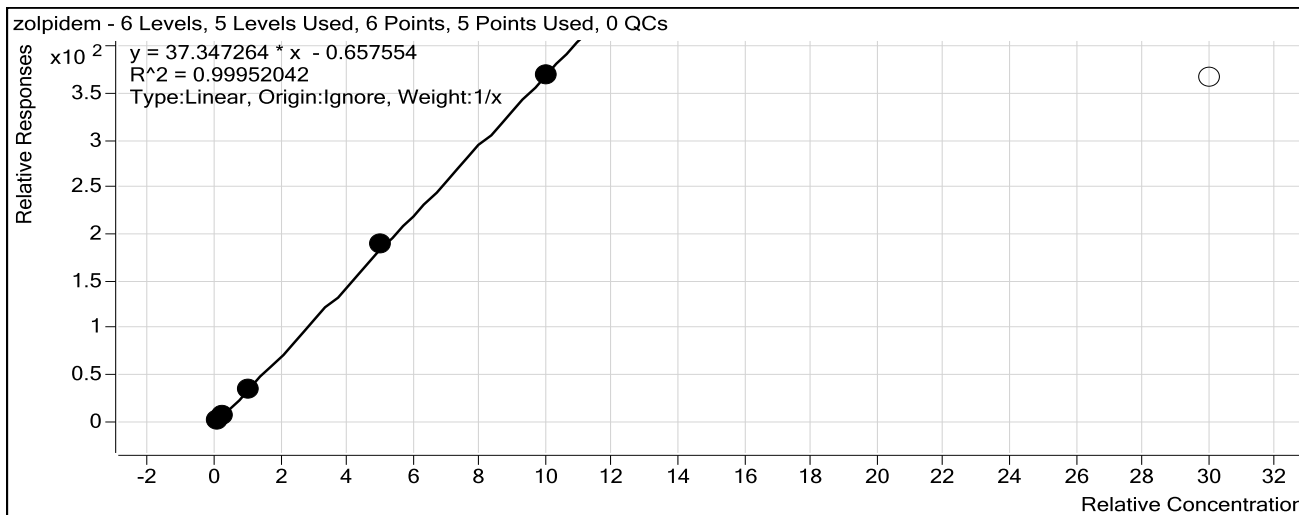
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.9	99.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.7	102.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	6	<input type="checkbox"/>	500	1744.0	348.8
1000 ng/mL	7	<input type="checkbox"/>	1000	2919.3	291.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.4	100.0

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

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



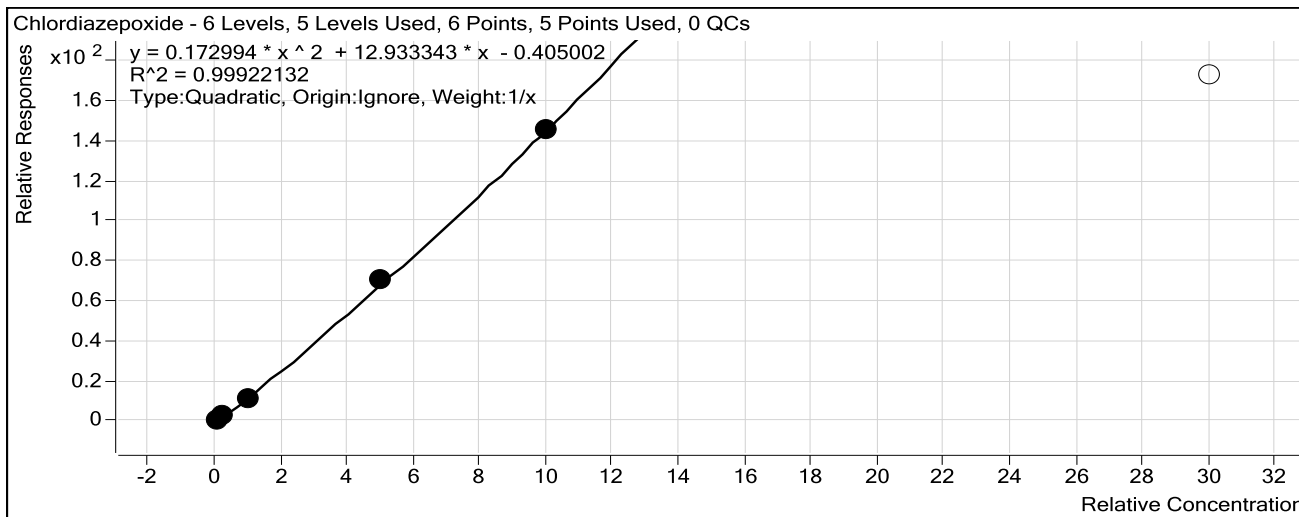
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.5	104.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.7	95.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	514.0	102.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.4	99.0
3000 ng/mL	8	<input type="checkbox"/>	3000	984.6	32.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **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	11.1	111.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.9	91.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	513.5	102.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.6	99.5
3000 ng/mL	8	<input type="checkbox"/>	3000	1157.8	38.6

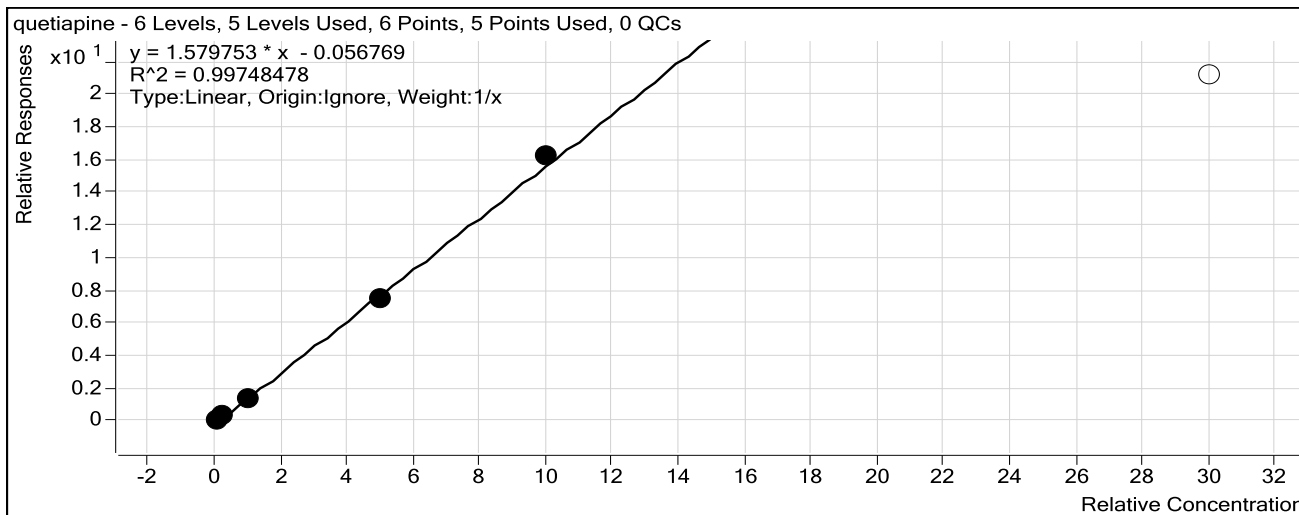


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** *quetiapine*  
**Internal Standard** *Temazepam-D5 ISTD*



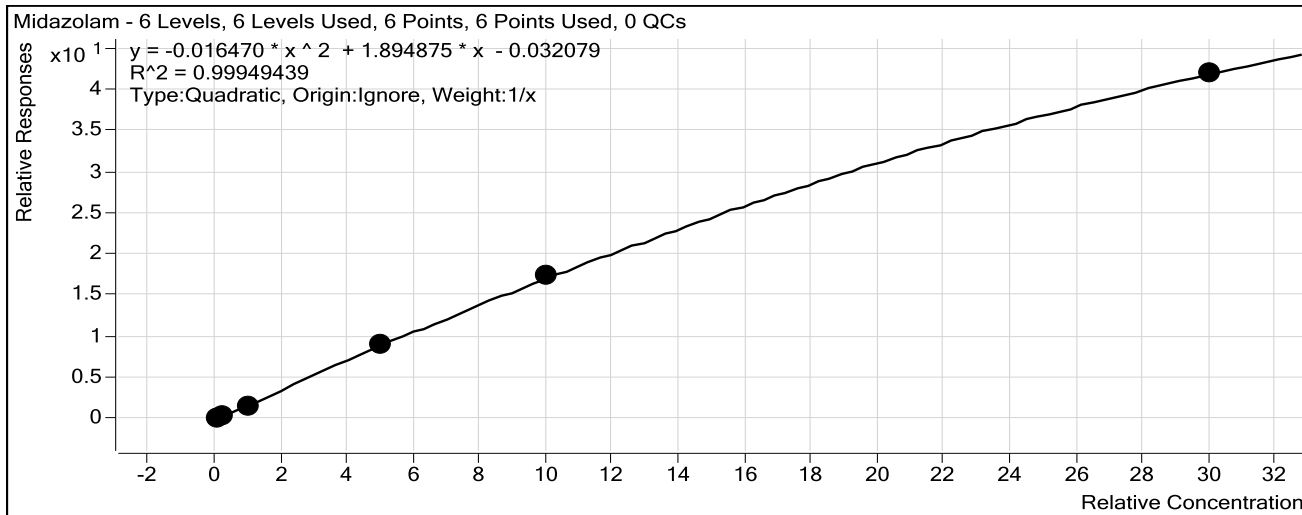
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.7	117.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	86.3	86.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	482.4	96.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1030.2	103.0
3000 ng/mL	8	<input type="checkbox"/>	3000	1342.0	44.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM **Analyst Name** ISP TOX

**Target Compound** Midazolam  
*Internal Standard* Clonazepam-D4 ISTD



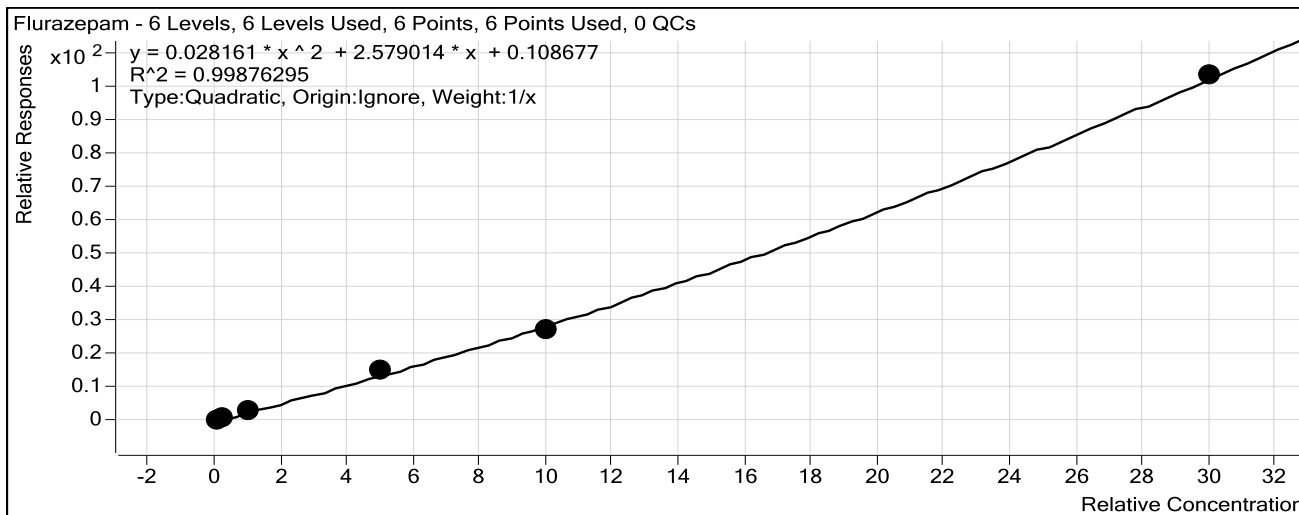
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.1	110.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.6	98.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.3	89.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	500.1	100.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1017.1	101.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.9	99.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** *Flurazepam*  
**Internal Standard** *Diazepam-D5 ISTD*



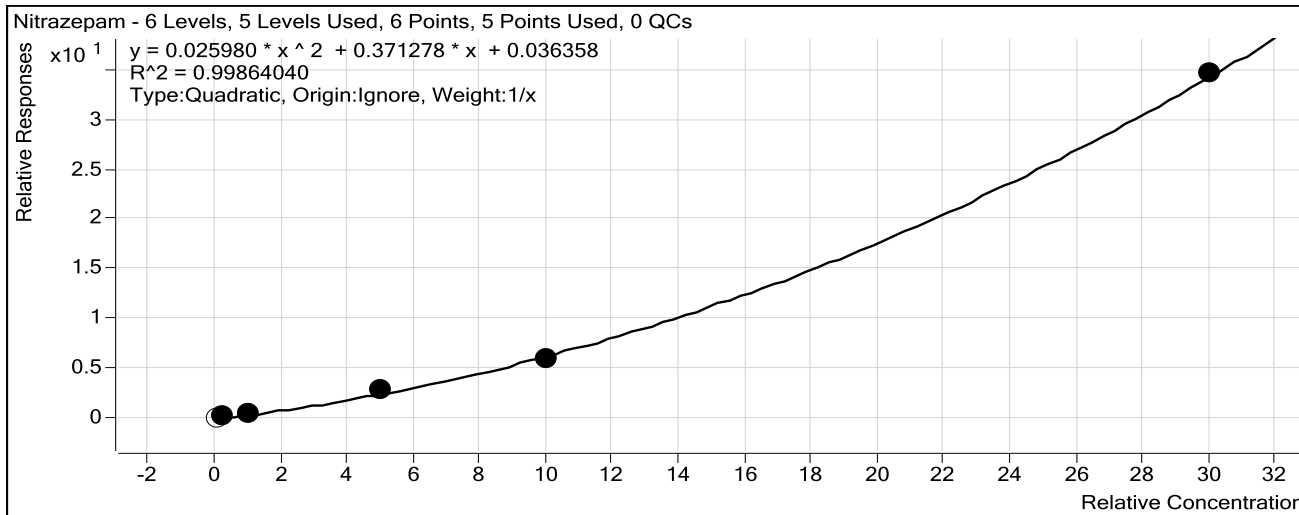
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	8.5	85.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	111.8	111.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	534.1	106.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	948.0	94.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3008.6	100.3

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** Nitrazepam  
*Internal Standard* Clonazepam-D4 ISTD



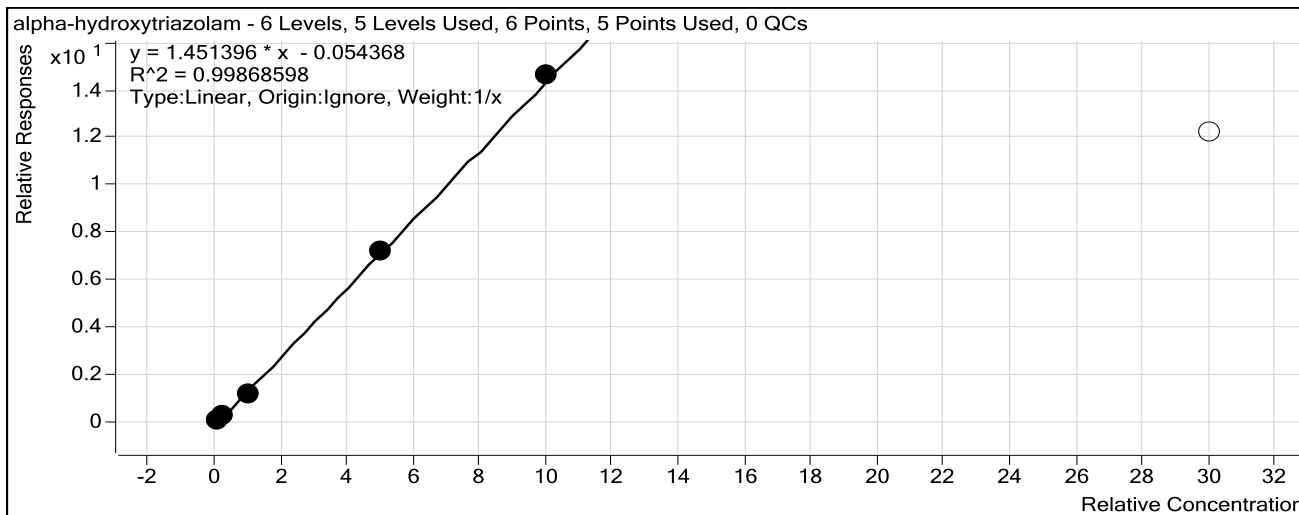
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input type="checkbox"/>	10	2.8	27.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	20.8	83.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	108.3	108.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	560.1	112.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	941.5	94.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3005.4	100.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

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

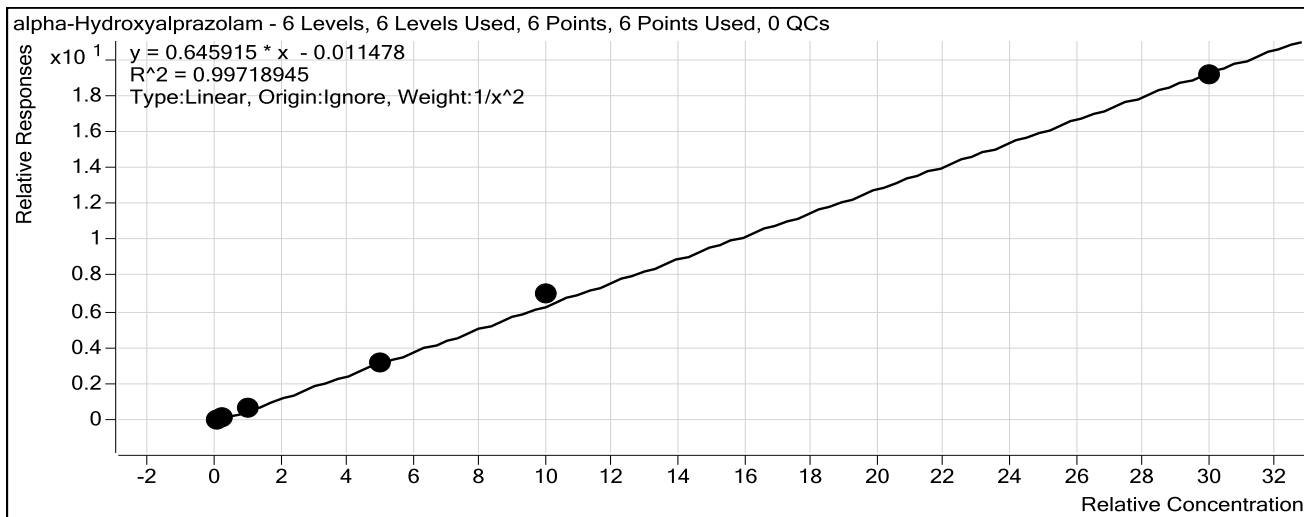


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.2	93.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.2	88.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.1	100.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1010.7	101.1
3000 ng/mL	8	<input type="checkbox"/>	3000	846.7	28.2

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin  
**Last Calib Update** 12/1/2016 11:12 AM **Analyst Name** ISP TOX

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



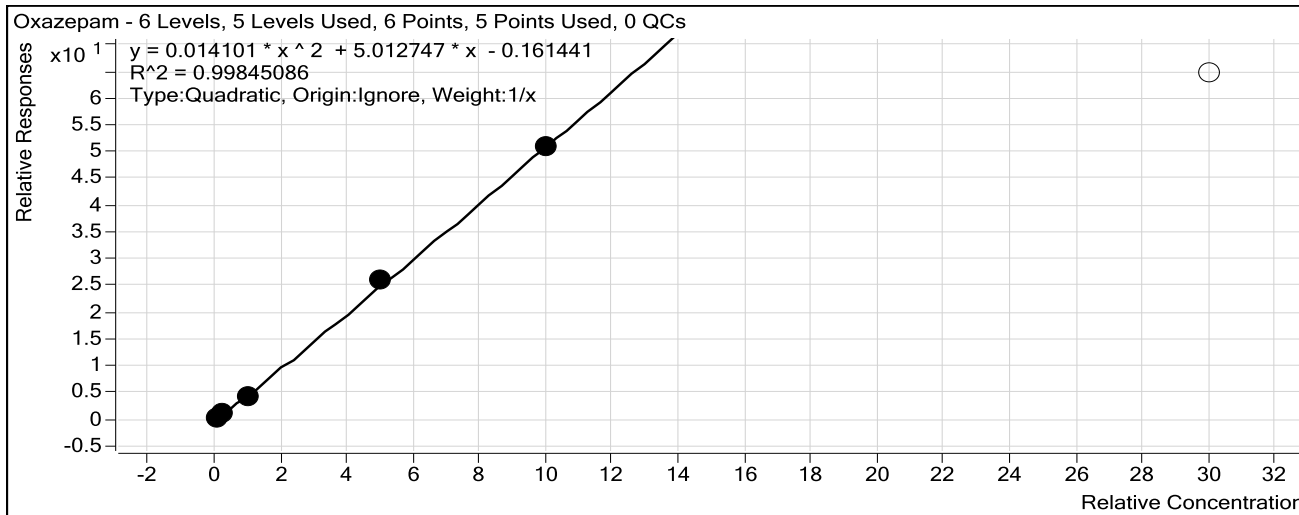
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.2	101.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.5	95.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.1	99.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1085.6	108.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2960.8	98.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

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



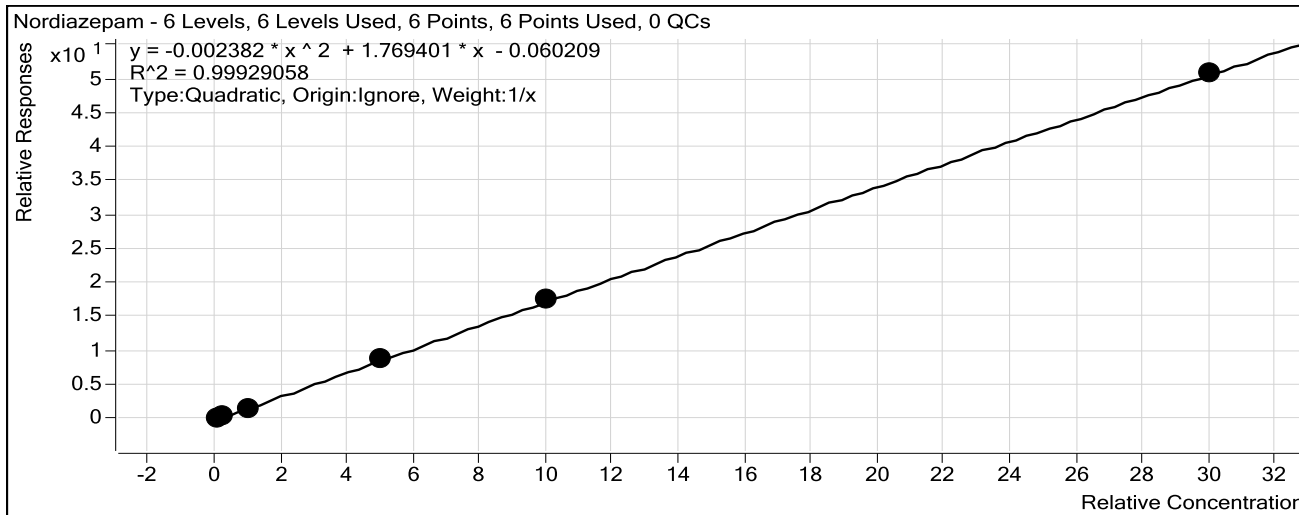
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10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.4	114.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.2	89.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	519.5	103.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.6	99.2
3000 ng/mL	8	<input type="checkbox"/>	3000	1248.8	41.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **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	12.0	119.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.1	92.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	85.4	85.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	507.9	101.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1011.7	101.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.0	99.8

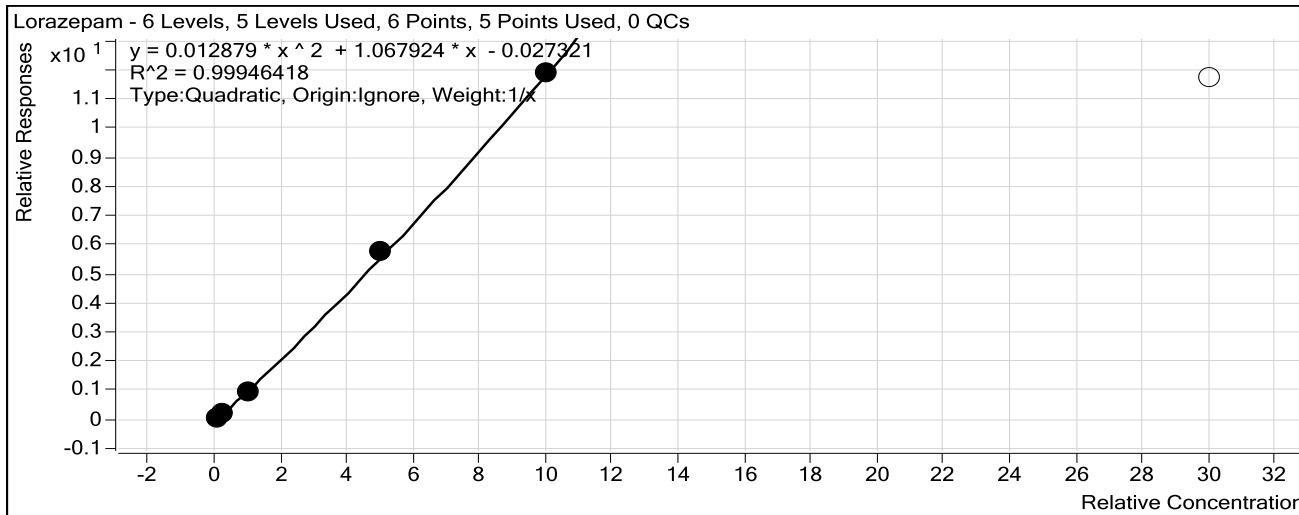


# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

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



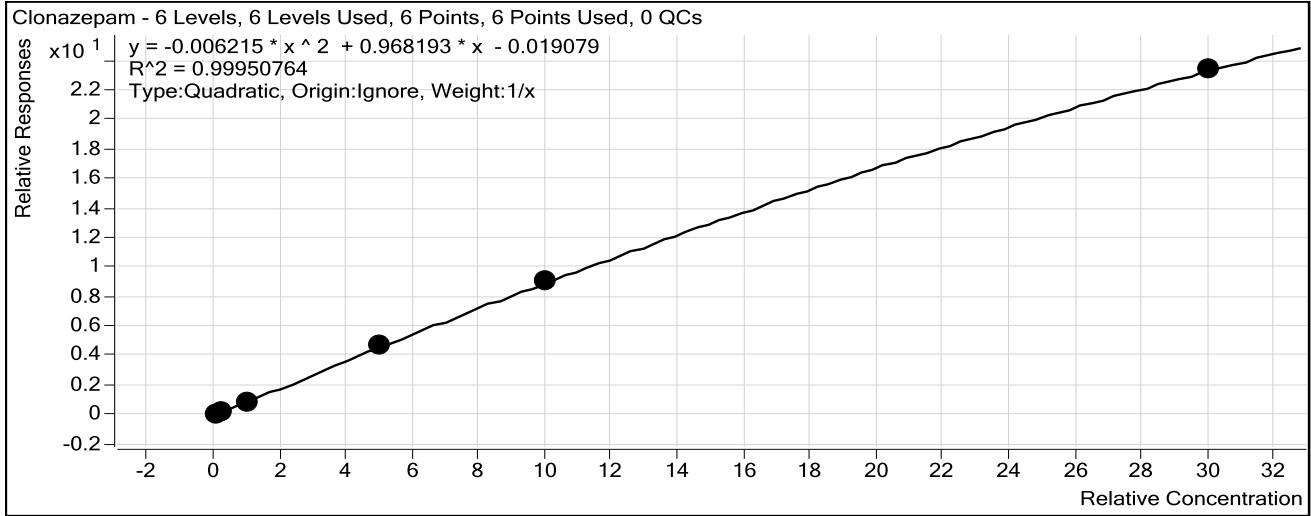
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.6	106.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.6	92.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	511.2	102.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.5	99.6
3000 ng/mL	8	<input type="checkbox"/>	3000	983.8	32.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM **Analyst Name** ISP TOX

**Target Compound** Clonazepam  
**Internal Standard** Clonazepam-D4 ISTD

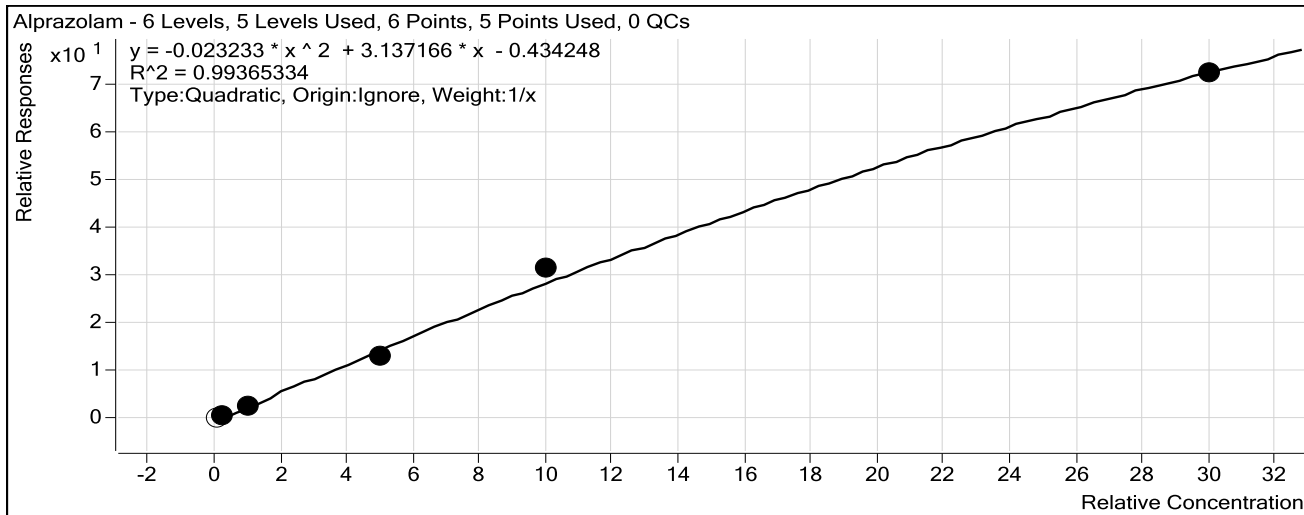


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.2	112.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.6	88.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	508.7	101.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1006.2	100.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.5	99.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin  
**Last Calib Update** 12/1/2016 11:12 AM **Analyst Name** ISP TOX

**Target Compound** Alprazolam  
**Internal Standard** alphahydroxyalprazolam-D5 ISTD



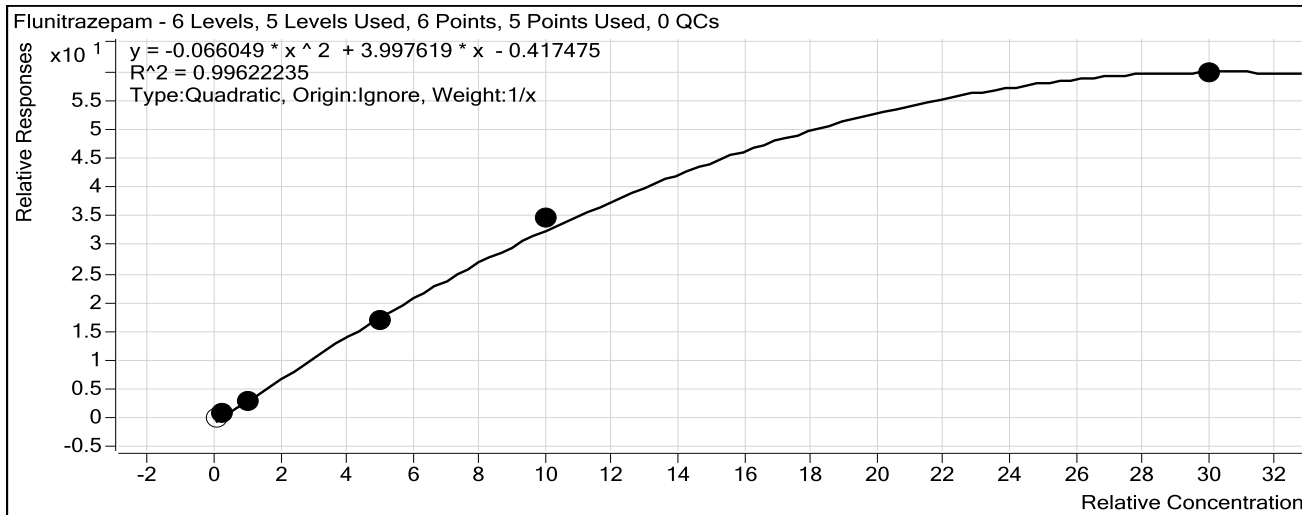
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input type="checkbox"/>	10	18.4	184.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	29.0	116.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	88.2	88.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	432.1	86.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1106.7	110.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2965.8	98.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** *Flunitrazepam*  
**Internal Standard** *Clonazepam-D4 ISTD*



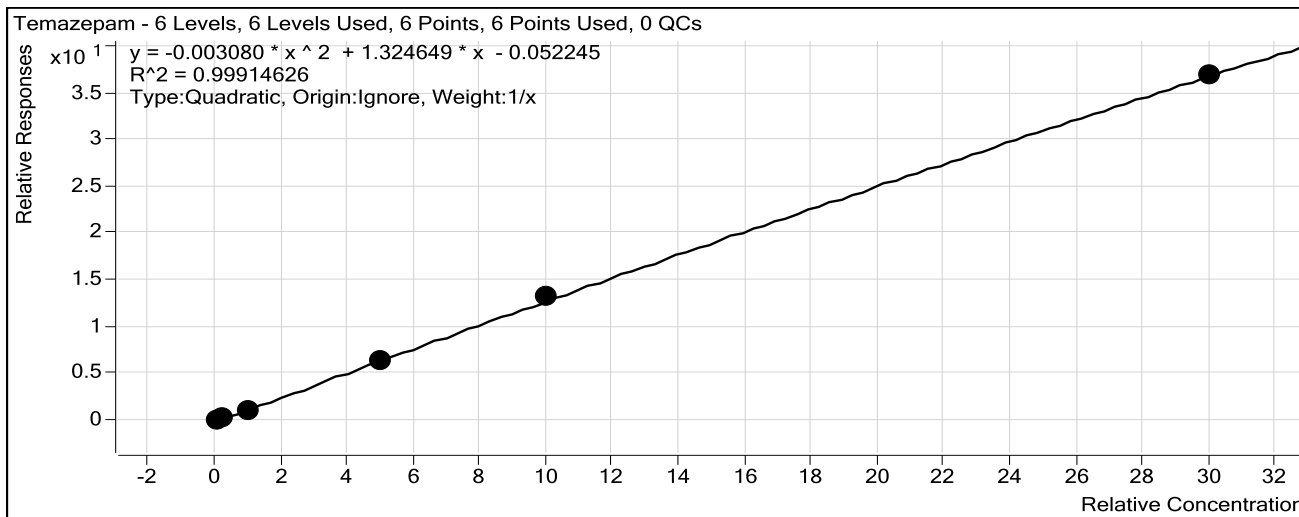
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input type="checkbox"/>	10	17.9	179.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	29.3	117.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	82.4	82.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	476.3	95.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1065.6	106.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2772.1	92.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **Analyst Name** ISP TOX

**Target Compound** *Temazepam*  
**Internal Standard** *Temazepam-D5 ISTD*



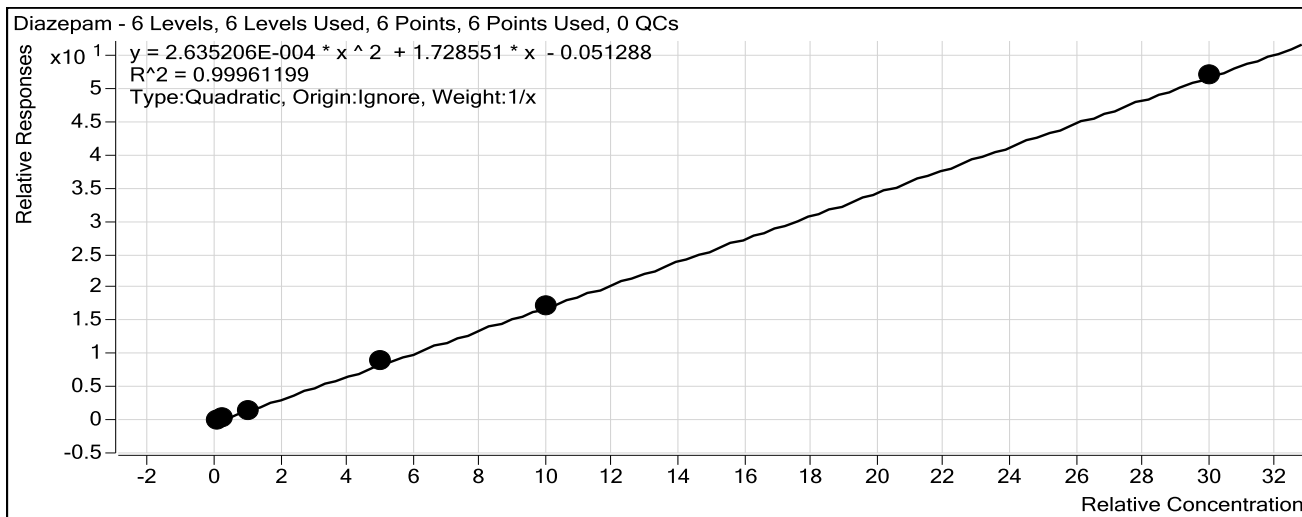
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	85.6	85.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	493.0	98.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1029.9	103.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.9	99.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine  
Benzos.batch.bin

**Last Calib Update** 12/1/2016 11:12 AM      **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	11.5	115.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.1	92.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.9	89.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	512.8	102.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	999.1	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.5	100.0

# ISP FORENSICS

## Pocatello

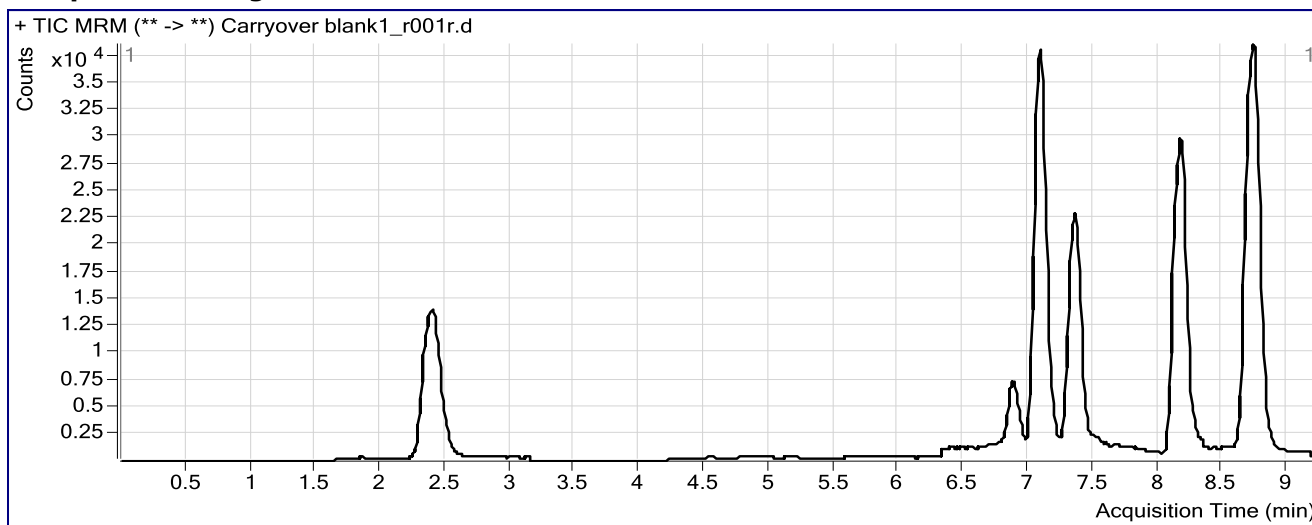
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin  
**Analysis Time** 11/29/2016 11:52 AM **Analyst Name** ISPUser  
**Report Time** 11/29/2016 11:54 AM **Reporter Name** ISPUser  
**Last Calib Update** 11/29/2016 11:52 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2016-11-28 19:21 **Data File** Carryover blank1\_r001r.d  
**Sample Type** Blank **Sample Name** Blank  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_11282016.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



# ISP FORENSICS

## Pocatello

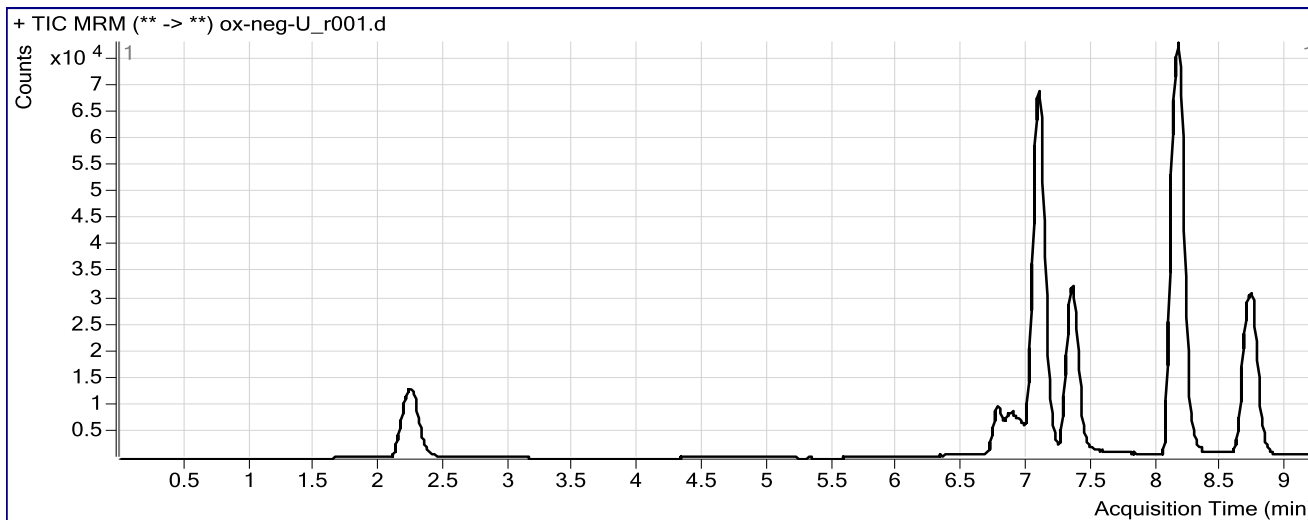
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin  
**Analysis Time** 11/29/2016 11:52 AM **Analyst Name** ISPUser  
**Report Time** 11/29/2016 11:54 AM **Reporter Name** ISPUser  
**Last Calib Update** 11/29/2016 11:52 AM **Batch State** Processed

#### Analysis Info

**Acq Time** 2016-11-28 19:36 **Data File** ox-neg-U\_r001.d  
**Sample Type** Sample **Sample Name** Oxazepam-Glucuronide with No Enzyme  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_11282016.m  
**Position** P1-B3 **Sample Info** 300 ng/mL Alltech lot 715-5035 in neg lot POC112116  
**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
Oxazepam	Nordiazepam-D5 ISTD	7.114	22180	93517	0.2372	7.9502



# ISP FORENSICS

## Pocatello

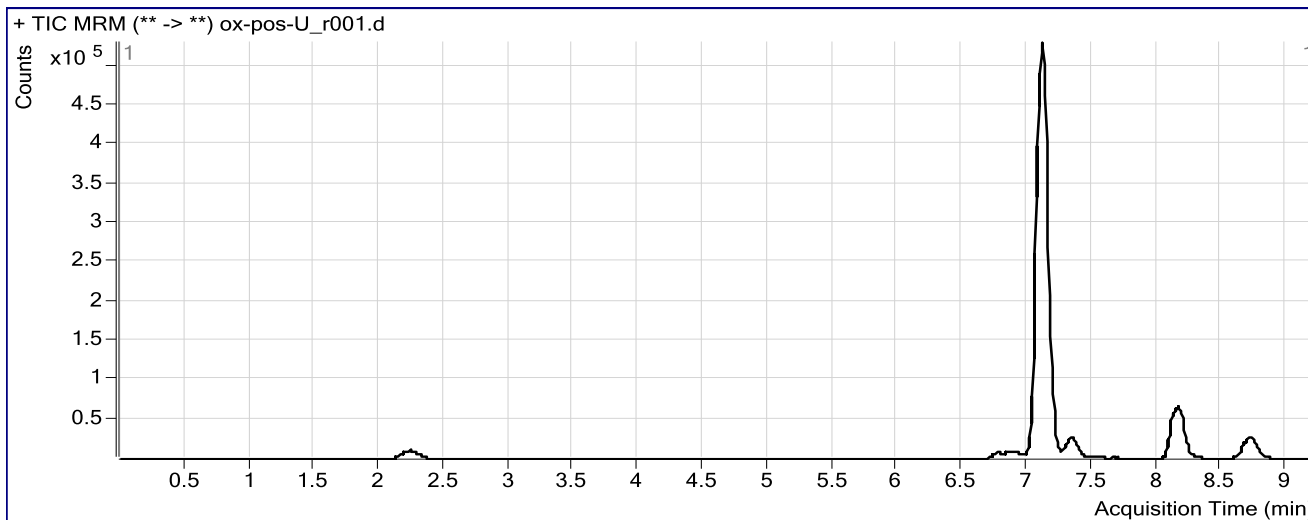
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin		
<b>Analysis Time</b>	11/29/2016 11:52 AM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	11/29/2016 11:54 AM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	11/29/2016 11:52 AM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-11-28 19:52	<b>Data File</b>	ox-pos-U_r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Oxazepam-Glucuronide with Enzyme
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_11282016.m
<b>Position</b>	P1-B4	<b>Sample Info</b>	300 ng/mL Alltech lot 715-5035 in neg lot POC112116
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



#### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Nordiazepam-D5 ISTD	7.114	1881091	68026	27.6525	546.4643
Nordiazepam	Nordiazepam-D5 ISTD	7.107	0	68026	0.0000	0.0000

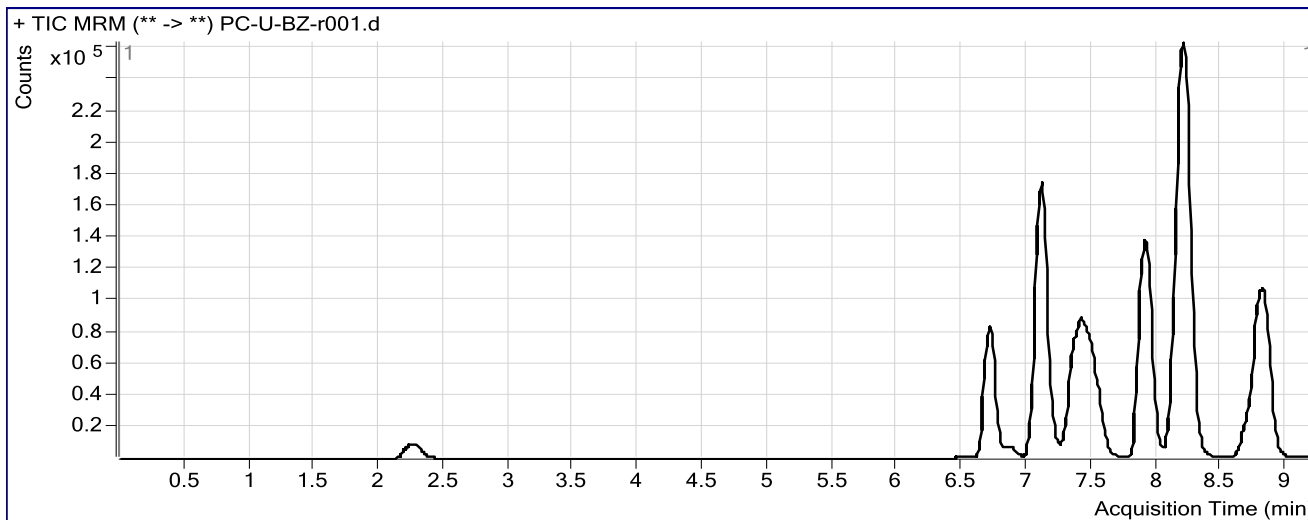
# ISP FORENSICS Pocatello Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin  
**Analysis Time** 11/29/2016 11:52 AM **Analyst Name** ISPUser  
**Report Time** 11/29/2016 11:54 AM **Reporter Name** ISPUser  
**Last Calib Update** 11/29/2016 11:52 AM **Batch State** Processed

### Analysis Info

**Acq Time** 2016-11-28 20:07 **Data File** PC-U-BZ-r001.d  
**Sample Type** Sample **Sample Name** Positive Urine Control  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_11282016.m  
**Position** P1-B2 **Sample Info** 300 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT PC  
**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	6.710	325566	96488	3.3741	625.3535
Oxazepam	Nordiazepam-D5 ISTD	7.106	501803	76938	6.5222	132.8363
Lorazepam	Nordiazepam-D5 ISTD	7.455	88448	76938	1.1496	108.7792
Clonazepam	Clonazepam-D4 ISTD	7.381	266483	96488	2.7618	292.7246
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.534	150589	22243	6.7701	233.6891
Flunitrazepam	Clonazepam-D4 ISTD	7.899	657787	96488	6.8173	186.7374
Temazepam	Temazepam-D5 ISTD	8.204	1232051	330989	3.7223	286.8622
Diazepam	Diazepam-D5 ISTD	8.805	572878	120293	4.7624	278.3611

# ISP FORENSICS

## Pocatello

### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\112816 CS Urine\QuantResults\112816 Urine Benzos.batch.bin  
**Analysis Time** 11/29/2016 11:52 AM **Analyst Name** ISPUser  
**Report Time** 11/29/2016 11:54 AM **Reporter Name** ISPUser  
**Last Calib Update** 11/29/2016 11:52 AM **Batch State** Processed

#### Analysis Info

<b>Acq Time</b>	2016-11-28 20:23	<b>Data File</b>	NC-U-BZ-r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Urine Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_11282016.m
<b>Position</b>	P1-B1	<b>Sample Info</b>	Negative Urine lot POC112116
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram

