























*B. Wylie*

10/6/2016

**Worklist: 1307**

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2016-0890	1	66386	6.1.1 Blood LCMS-QQQ Benz	
C2016-1060	1	66373	6.1.1 Blood LCMS-QQQ Benz	
M2016-1191	1.1	66326	6.1.1 Blood LCMS-QQQ Benz	
M2016-1546	1	66330	6.1.1 Blood LCMS-QQQ Benz	
M2016-2022	2	66336	6.1.1 Blood LCMS-QQQ Benz	
M2016-2962	1	66374	6.1.1 Blood LCMS-QQQ Benz	
P2016-0734	1	66375	6.1.1 Blood LCMS-QQQ Benz	
P2016-0737	1	66376	6.1.1 Blood LCMS-QQQ Benz	
P2016-0757	1	66377	6.1.1 Blood LCMS-QQQ Benz	
P2016-0781	1	66339	6.1.1 Blood LCMS-QQQ Benz	
P2016-0911	1.1	66379	6.1.1 Blood LCMS-QQQ Benz	
P2016-0929	1.1	66380	6.1.1 Blood LCMS-QQQ Benz	
P2016-0937	1	66381	6.1.1 Blood LCMS-QQQ Benz	
P2016-0938	1	66345	6.1.1 Blood LCMS-QQQ Benz	
P2016-1028	1	66382	6.1.1 Blood LCMS-QQQ Benz	
P2016-1030	1	66347	6.1.1 Blood LCMS-QQQ Benz	
P2016-1051	1	66383	6.1.1 Blood LCMS-QQQ Benz	
P2016-1052	1	66349	6.1.1 Blood LCMS-QQQ Benz	
P2016-1087	1	66363	6.1.1 Blood LCMS-QQQ Benz	
P2016-1118	1	66366	6.1.1 Blood LCMS-QQQ Benz	
P2016-1213	1	66385	6.1.1 Blood LCMS-QQQ Benz	
P2016-1776	1	66370	6.1.1 Blood LCMS-QQQ Benz	

# Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS BENZ 100516.wkl
Date Modified:	10/05/2016 02:27:54 PM
Date Printed:	10/05/2016 02:28:03 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
DA Method Path:	D:\MassHunter\methods
Data File Path:	C:\MassHunter\Data\2016\BENZ\100516 BENZ CS
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	---
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	
P2	


## Worklist Table

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Blank.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Blank1- r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Blank2- r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F7	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-10 ngmL- r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F6	25 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F5	50 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m		Calibration	4		

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ๘
			BZ-50 ngmL_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-F4	100 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F3	500 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F2	1000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-1000 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F1	3000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-3000 ngmL_r001.d	Calibration	8	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E9	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ- NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013
P1-E8	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-PC-B- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
P1-E9	Blank - C2016- 1060-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-C2016- 1060-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E7	C2016- 1060-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-C2016- 1060-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016- 0734-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016- 0734-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	P2016- 0734-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016- 0734-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016- 0737-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016- 0737-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	P2016- 0737-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016- 0737-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016- 0757-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016- 0757-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ۵
P1-E4	P2016-0757-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0757-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0781-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-0781-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	P2016-0781-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0781-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0937-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-0937-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2	P2016-0937-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0937-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0938-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-0938-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E1	P2016-0938-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0938-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - C2016-0890-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-C2016-0890-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D9	C2016-0890-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-C2016-0890-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-1546-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-M2016-1546-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D8	M2016-1546-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-M2016-1546-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-2022-2	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-M2016-2022-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D7	M2016-2022-2	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-M2016-2022-2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-2962-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-M2016-2962-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D6	M2016-2962-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-M2016-2962-1-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-E9	Blank - P2016-1028-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1028-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D5	P2016-1028-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1028-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1030-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1030-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D4	P2016-1030-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1030-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1051-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1051-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D3	P2016-1051-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1051-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1052-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1052-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D2	P2016-1052-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1052-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1087-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1087-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D1	P2016-1087-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1087-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1118-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1118-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C9	P2016-1118-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1118-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1213-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1213-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C8	P2016-1213-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1213-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-1776-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-1776-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
P1-C7	P2016-1776-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-1776-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-1191-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-M2016-1191-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C6	M2016-1191-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-M2016-1191-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0911-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-0911-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C5	P2016-0911-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0911-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0929-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-Carryover blank-P2016-0929-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C4	P2016-0929-1	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	BZ-P2016-0929-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_9162016.m	blank3.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

# ISP FORENSICS

## Pocatello

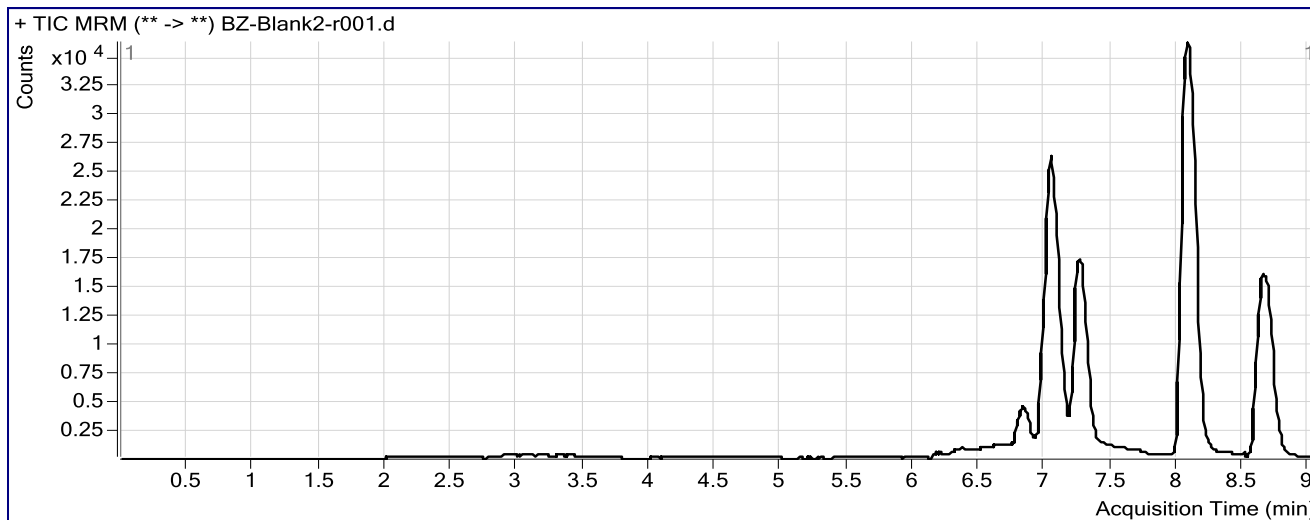
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin		
<b>Analysis Time</b>	10/6/2016 1:01 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/6/2016 1:06 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/6/2016 1:00 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-10-05 15:34	<b>Data File</b>	BZ-Blank2-r001.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
<b>Position</b>	P1-F9	<b>Sample Info</b>	Blood
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



# ISP FORENSICS

## Pocatello

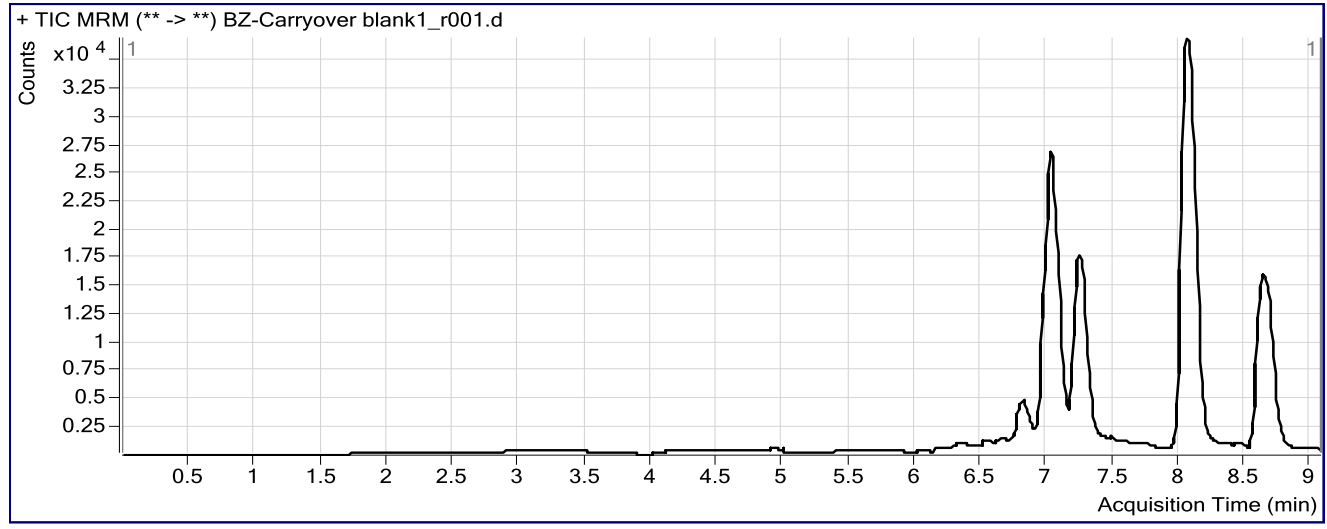
### Benzodiazepine Analysis Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin  
**Analysis Time** 10/6/2016 1:01 PM **Analyst Name** ISPUser  
**Report Time** 10/6/2016 1:07 PM **Reporter Name** ISPUser  
**Last Calib Update** 10/6/2016 1:00 PM **Batch State** Processed

#### Analysis Info

**Acq Time** 2016-10-05 17:39 **Data File** BZ-Carryover blank1\_r001.d  
**Sample Type** Blank **Sample Name** Blank  
**Dilution** 1 **Acq Method** Benzos\_Z\_Drugs\_ACN\_FA\_ISP\_10042016.m  
**Position** P1-F9 **Sample Info**  
**Inj Vol** -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram





# ISP FORENSICS

## Pocatello

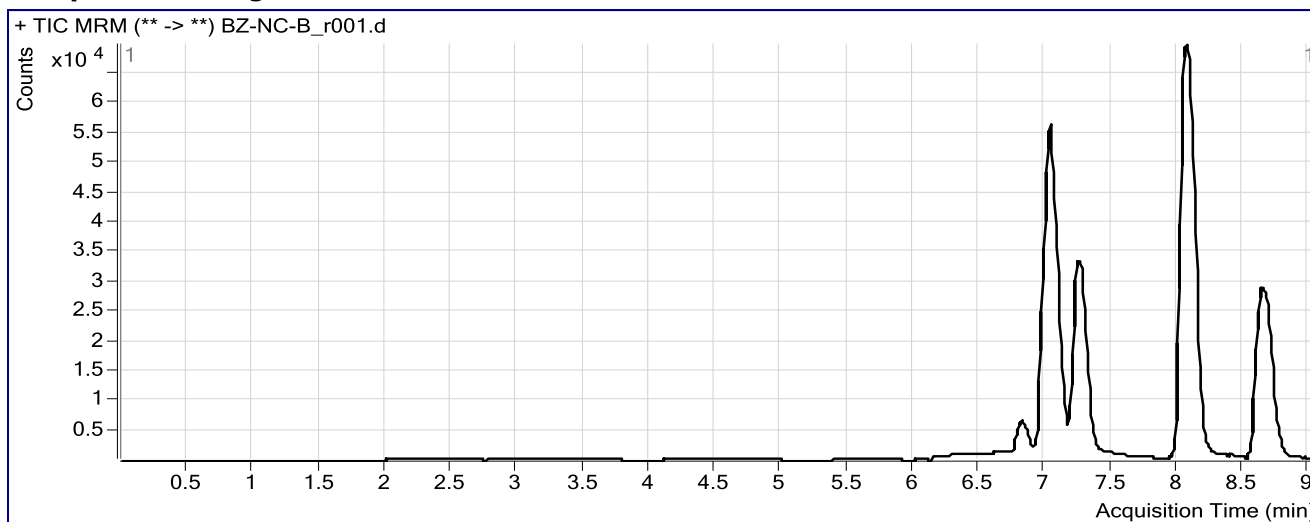
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin		
<b>Analysis Time</b>	10/6/2016 1:01 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/6/2016 1:07 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/6/2016 1:00 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-10-05 17:54	<b>Data File</b>	BZ-NC-B_r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Blood Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
<b>Position</b>	P1-E9	<b>Sample Info</b>	UTAK Negative Whole Blood LOT B1013
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



# ISP FORENSICS

## Pocatello

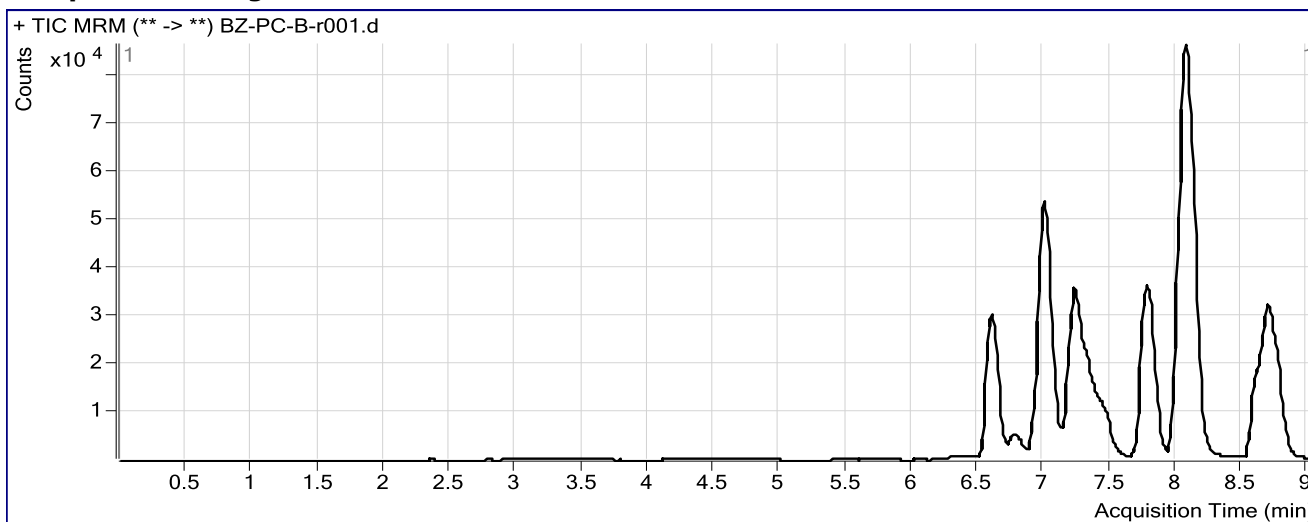
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin		
<b>Analysis Time</b>	10/6/2016 1:01 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/6/2016 1:07 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/6/2016 1:00 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-10-05 18:10	<b>Data File</b>	BZ-PC-B-r001.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Positive Blood Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
<b>Position</b>	P1-E8	<b>Sample Info</b>	Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
<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
Nitrazepam	Clonazepam-D4 ISTD	6.595	118605	85126	1.3933	112.3283
Oxazepam	Nordiazepam-D5 ISTD	6.999	97361	58432	1.6662	84.0228
Clonazepam	Clonazepam-D4 ISTD	7.249	78830	85126	0.9260	110.6295
Lorazepam	Nordiazepam-D5 ISTD	7.331	19903	58432	0.3406	89.7937
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.444	41786	15893	2.6292	111.6879
Flunitrazepam	Clonazepam-D4 ISTD	7.766	172076	85126	2.0214	124.8192
Temazepam	Temazepam-D5 ISTD	8.090	301767	238608	1.2647	120.9349
Diazepam	Diazepam-D5 ISTD	8.714	138339	92458	1.4962	104.7743

# ISP FORENSICS

## Pocatello

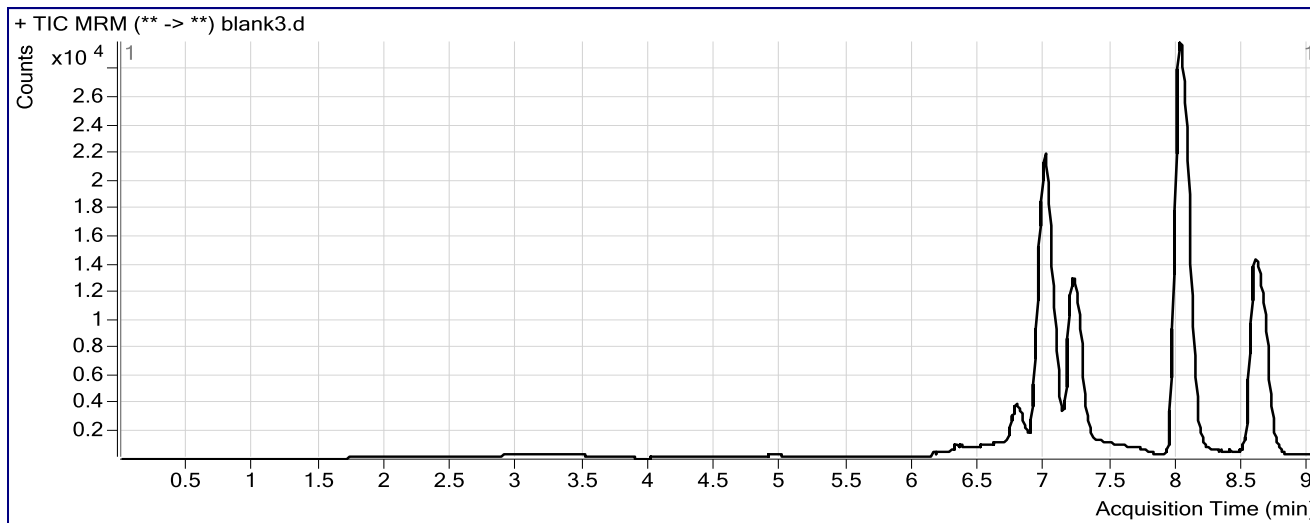
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin		
<b>Analysis Time</b>	10/6/2016 1:01 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/6/2016 1:12 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/6/2016 1:00 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-10-06 05:51	<b>Data File</b>	blank3.d
<b>Sample Type</b>	Blank	<b>Sample Name</b>	Blank
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
<b>Position</b>	P1-F9	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



# ISP FORENSICS

## Pocatello

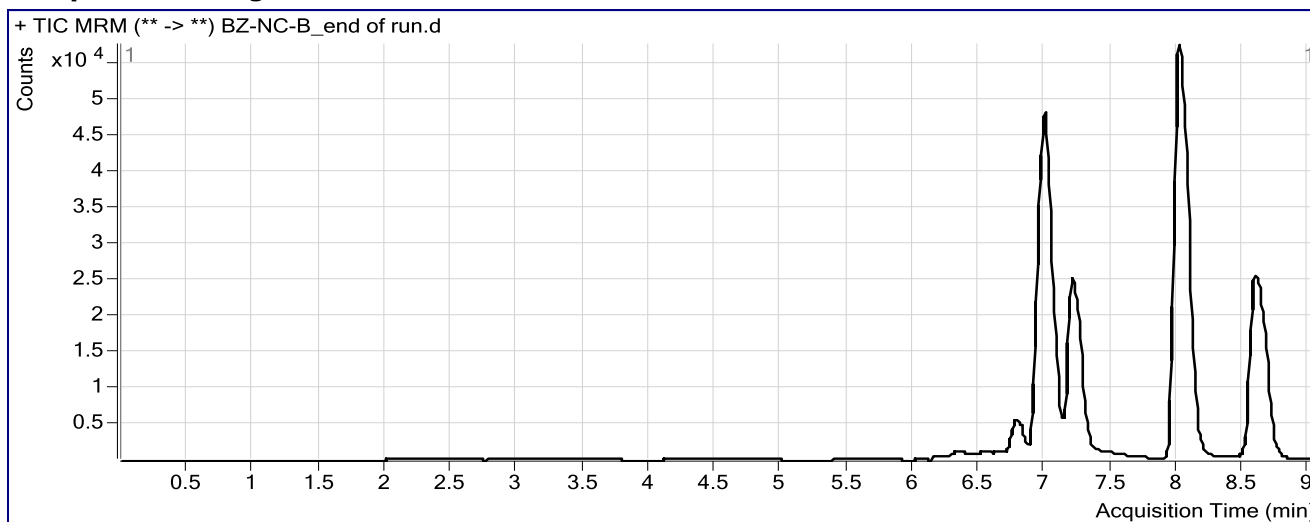
### Benzodiazepine Analysis Report

<b>Batch Data Path</b>	C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin		
<b>Analysis Time</b>	10/6/2016 1:01 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	10/6/2016 1:12 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	10/6/2016 1:00 PM	<b>Batch State</b>	Processed

#### Analysis Info

<b>Acq Time</b>	2016-10-06 06:07	<b>Data File</b>	BZ-NC-B_end of run.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	Negative Blood Control
<b>Dilution</b>	1	<b>Acq Method</b>	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
<b>Position</b>	P1-E9	<b>Sample Info</b>	UTAK Negative Whole Blood LOT B1013
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 6.1.1 Benzo and Z by LCQQQ

#### Sample Chromatogram



# ISP Forensics Calibration Curve Report

CS

**Note:** 7-amonoclonazepam and 7-amonoflunitrazepam were not evaluated for this run.

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

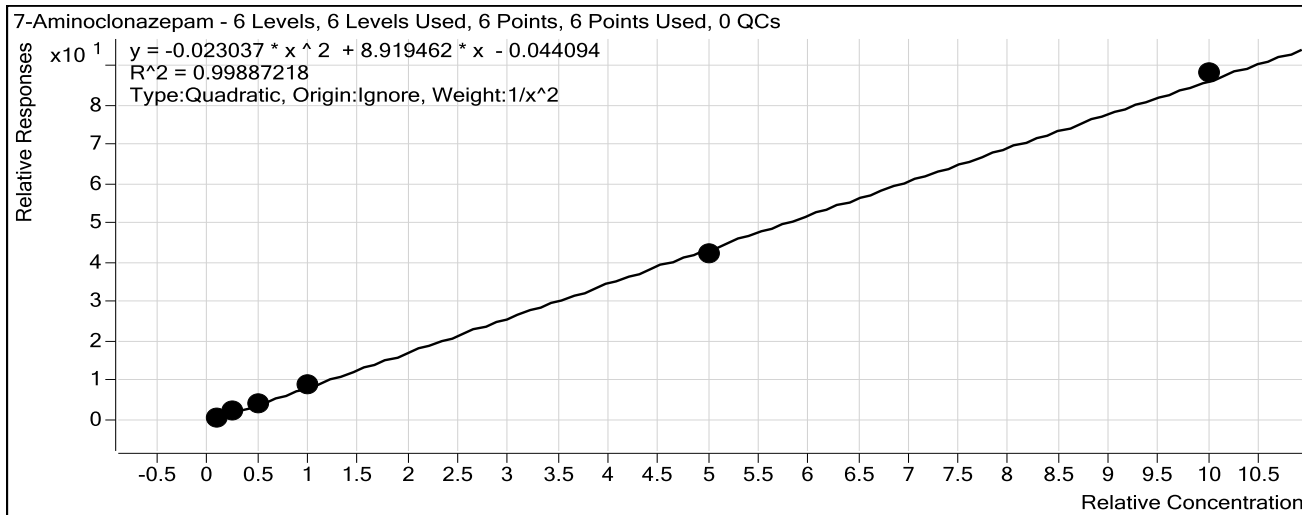
**Last Calib Update** 10/6/2016 1:00 PM

**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	0.0	0.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	0.0	0.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	0.0	0.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	0.0	0.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	0.0	0.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	0.0	0.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	0.0	0.0

# ISP Forensics Calibration Curve Report

6

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

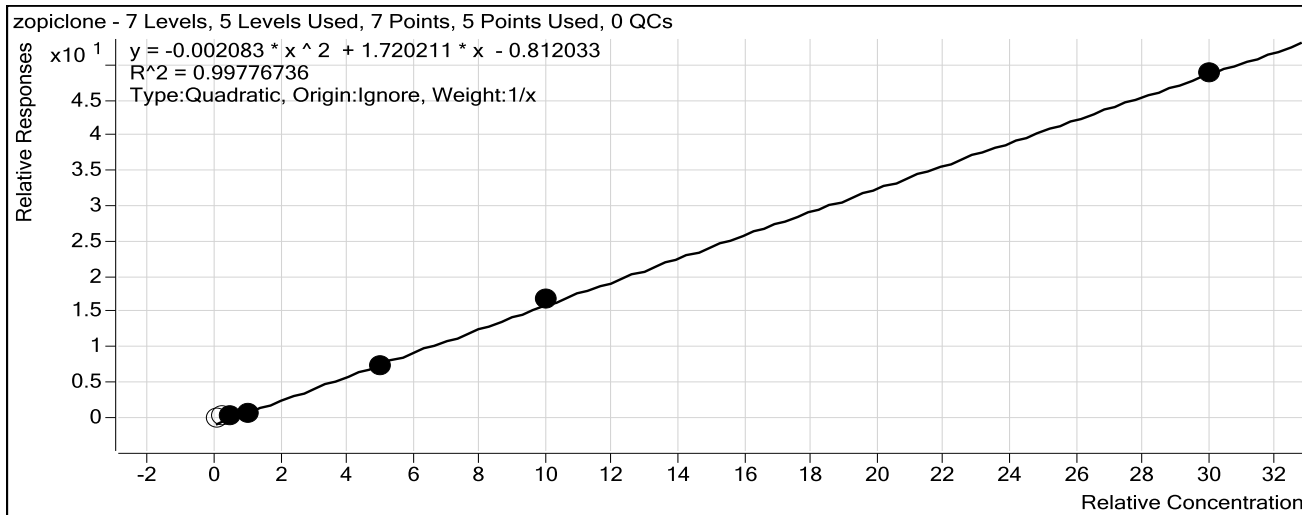
**Last Calib Update** 10/6/2016 1:00 PM

**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 type="checkbox"/>	10	50.0	499.7
25 ng/mL	3	<input type="checkbox"/>	25	54.0	215.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	60.0	120.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	80.6	80.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	478.8	95.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1040.6	104.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.0	99.7

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

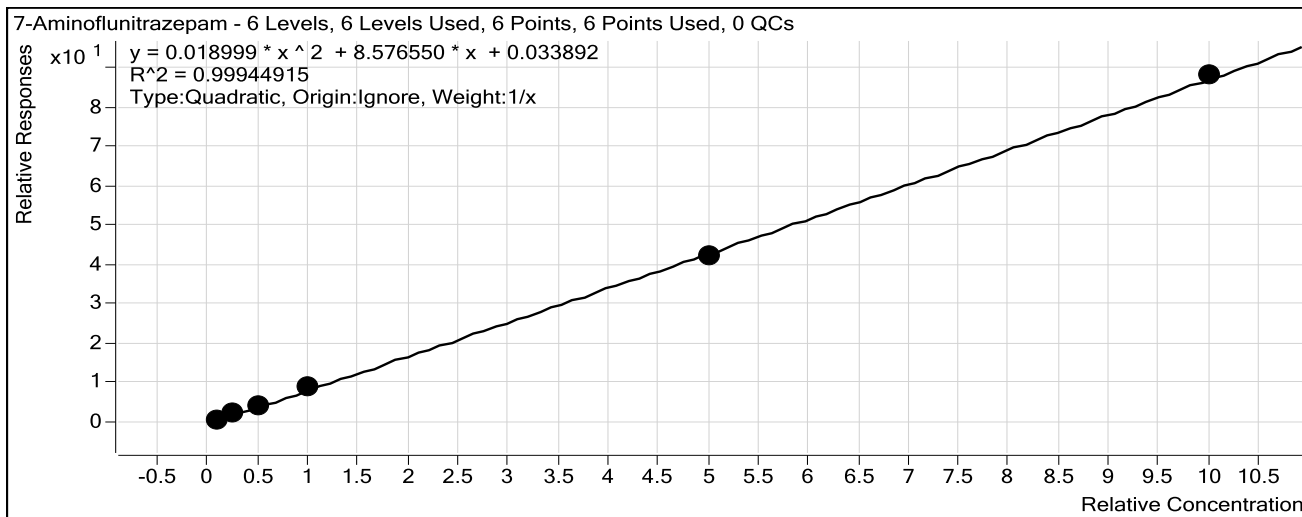
**Last Calib Update** 10/6/2016 1:00 PM

**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	0.0	0.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	0.0	0.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	0.0	0.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	0.0	0.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	0.0	0.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	0.0	0.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	0.0	0.0

# ISP Forensics Calibration Curve Report

16

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

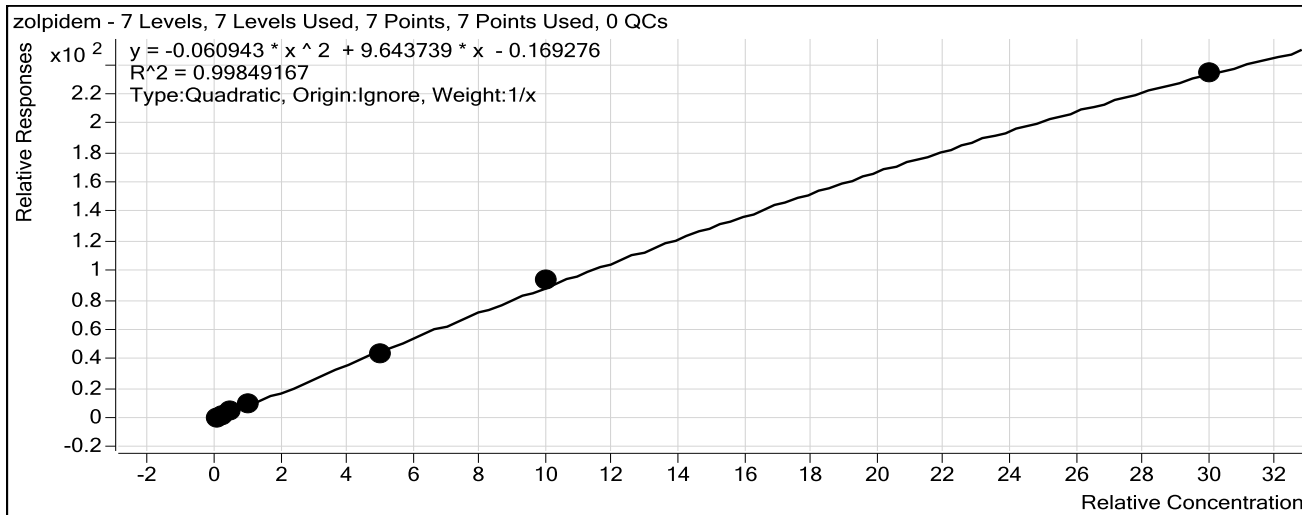
**Last Calib Update** 10/6/2016 1:00 PM

**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	10.4	104.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.4	94.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.2	109.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	461.9	92.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1041.6	104.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2989.7	99.7



# ISP Forensics Calibration Curve Report

6

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

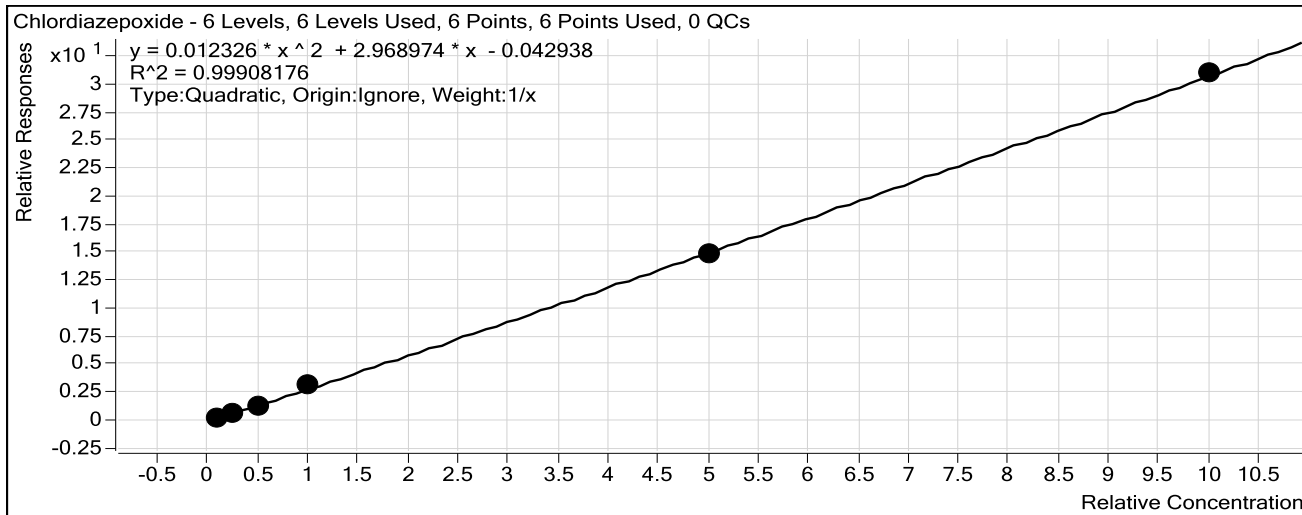
**Last Calib Update** 10/6/2016 1:00 PM

**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	10.8	108.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.7	93.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.1	109.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	493.1	98.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.7	100.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	0.0	0.0

# ISP Forensics Calibration Curve Report

CS

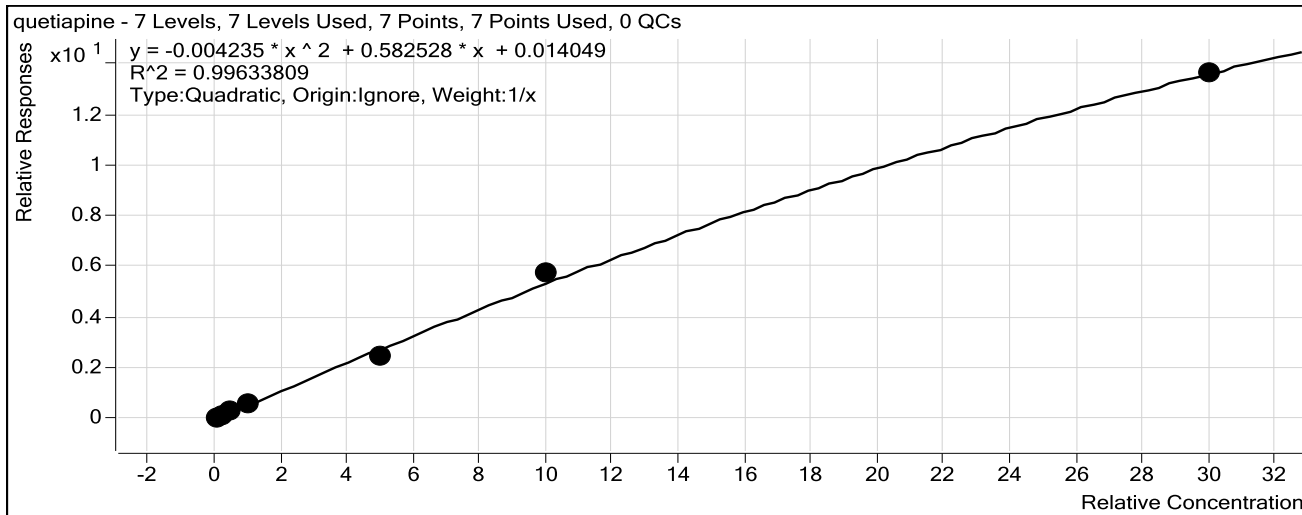
**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 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	8.8	87.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.3	105.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.2	106.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.0	107.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	436.8	87.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1069.3	106.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2982.1	99.4

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

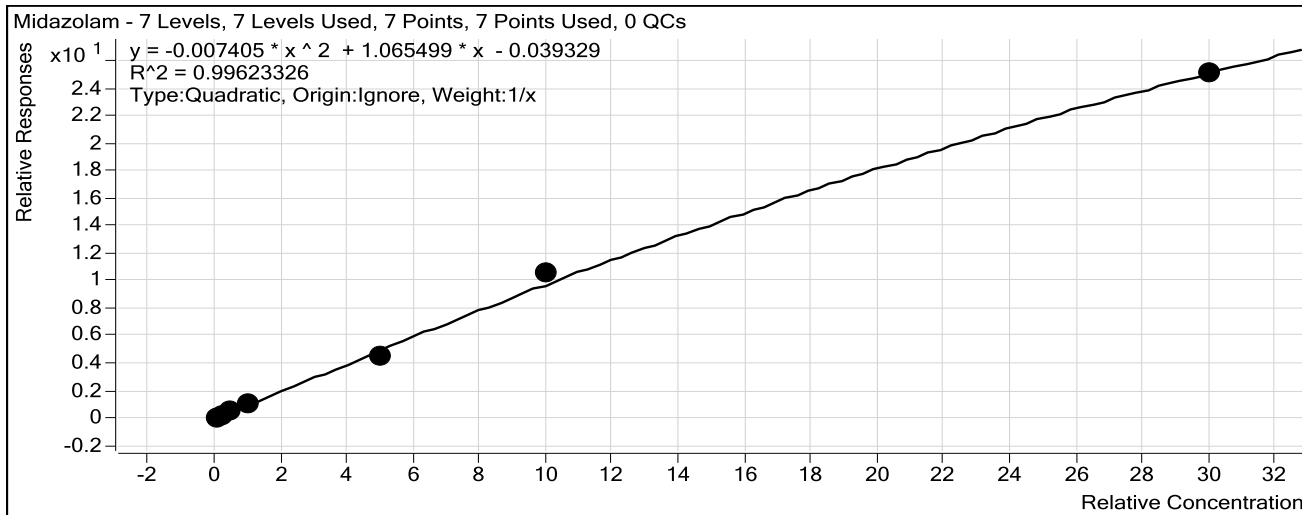
**Last Calib Update** 10/6/2016 1:00 PM

**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	12.0	119.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	93.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.1	96.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	444.3	88.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1087.1	108.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2972.7	99.1

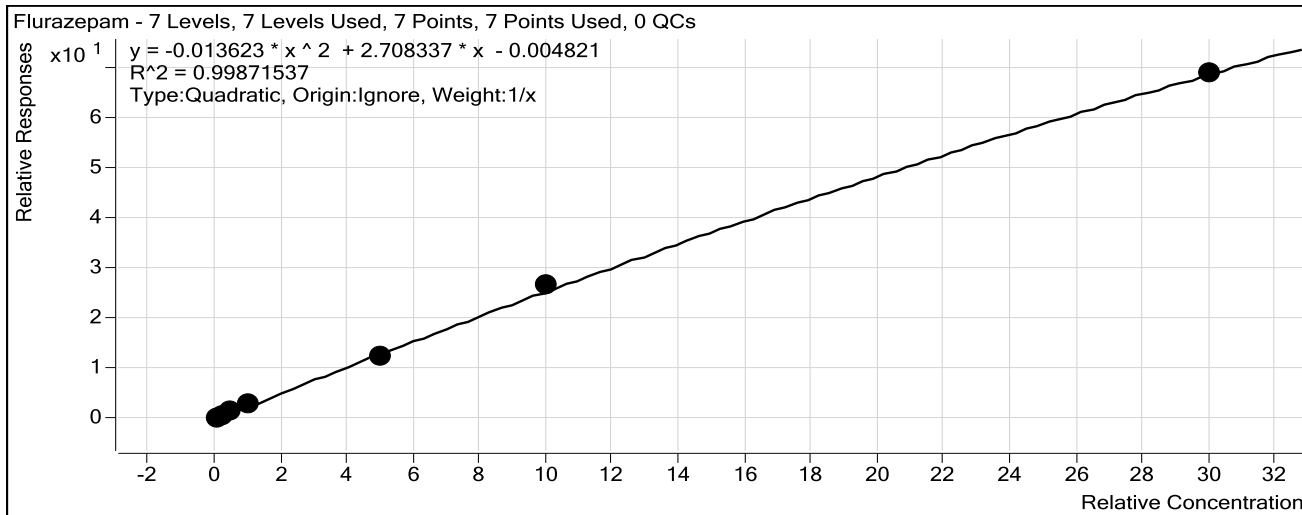
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 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	9.9	98.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.6	101.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.9	104.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	461.4	92.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1043.0	104.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2990.1	99.7

# ISP Forensics Calibration Curve Report

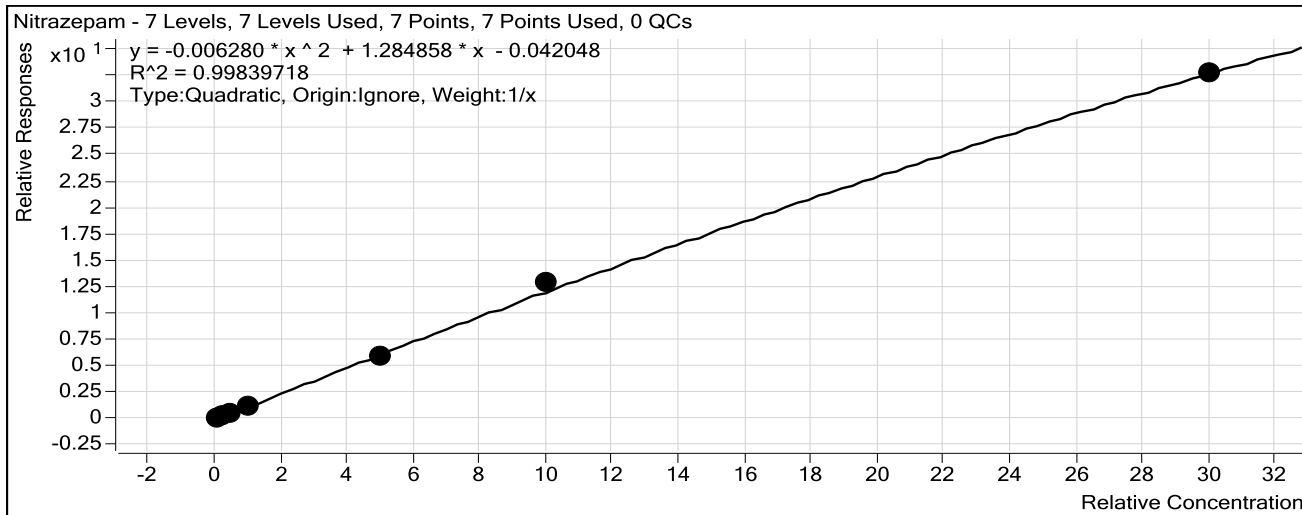
**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 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	11.7	117.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.3	92.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.5	95.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	465.9	93.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1057.1	105.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2983.8	99.5

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

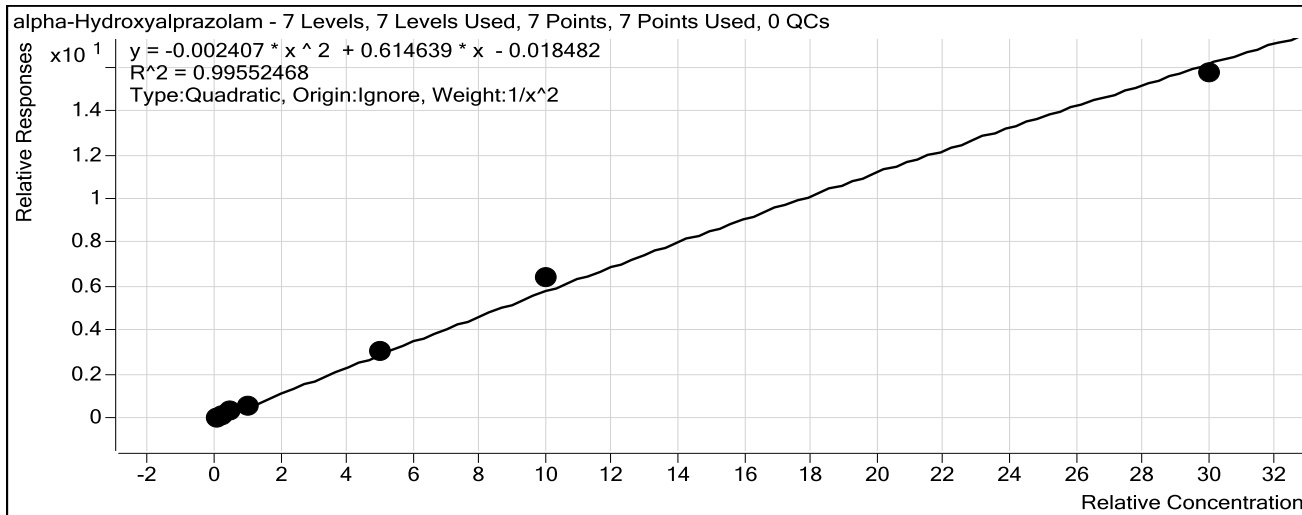
**Last Calib Update** 10/6/2016 1:00 PM

**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 checked="" type="checkbox"/>	10	10.4	103.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.6	90.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.6	98.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	504.6	100.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1091.5	109.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2888.9	96.3

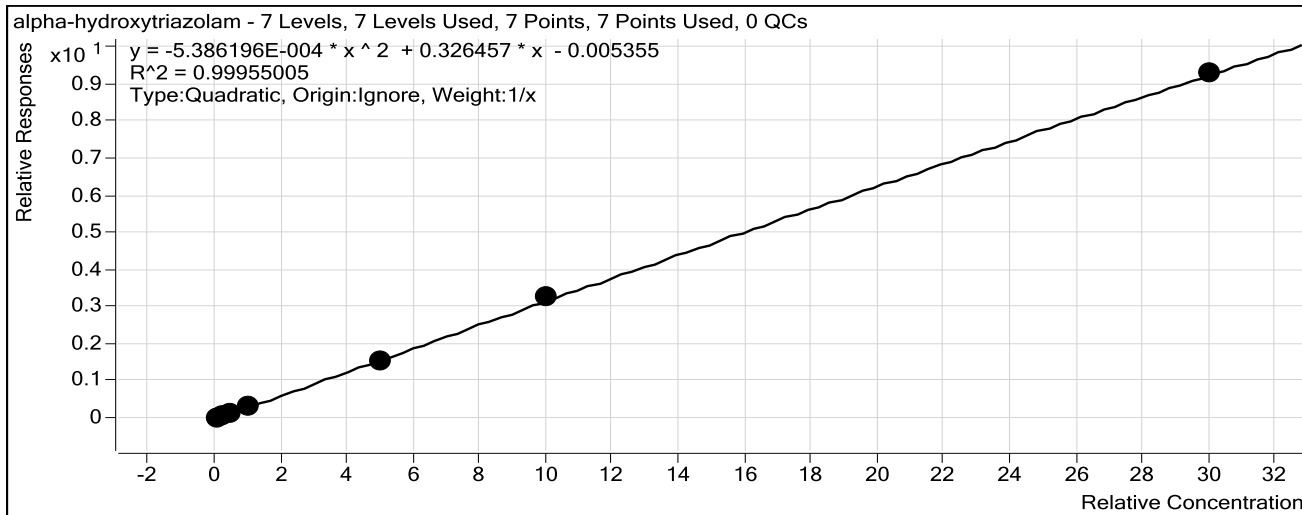
# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 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	10.8	108.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.7	95.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.8	103.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	479.2	95.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.1	102.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.7	99.8

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

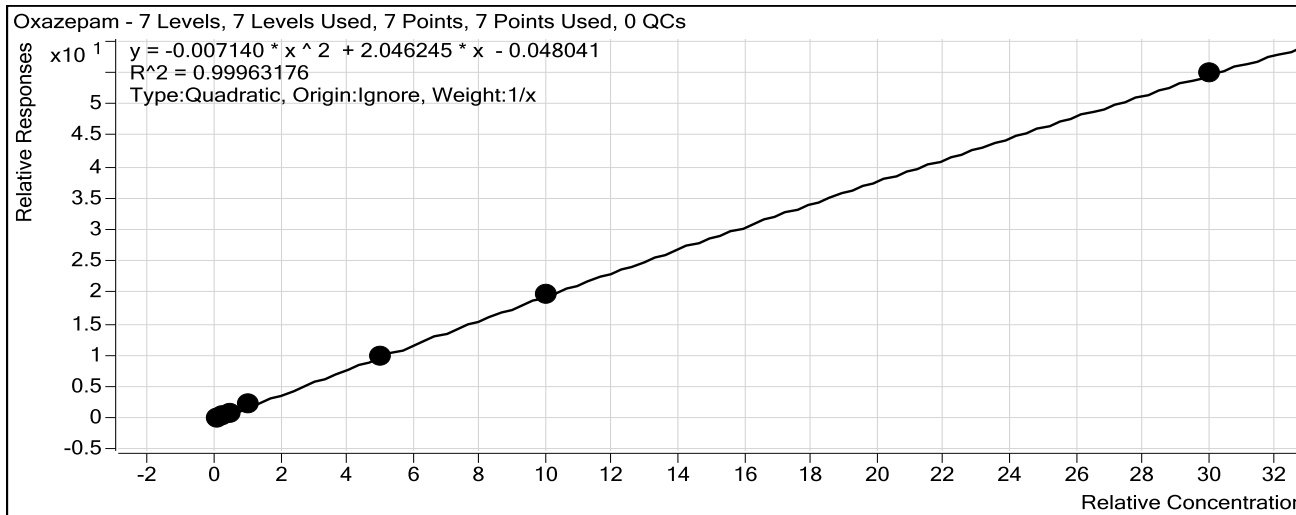
**Last Calib Update** 10/6/2016 1:00 PM

**Analyst Name**

ISP TOX

**Target Compound** Oxazepam

**Internal Standard** Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.1	111.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.0	92.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.1	107.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	490.9	98.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1009.0	100.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.1	99.9



# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

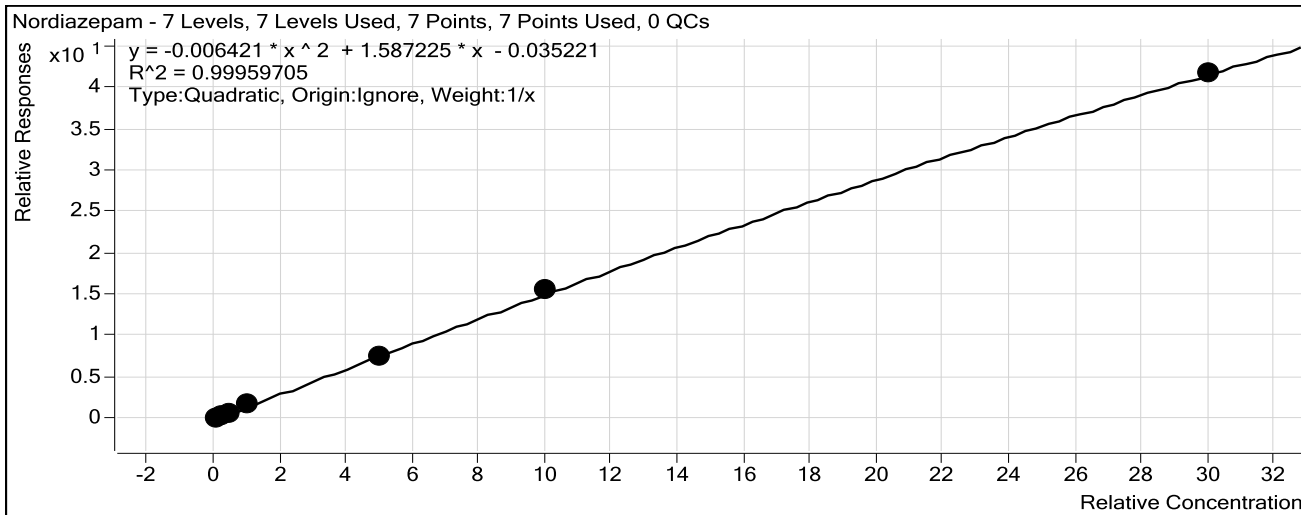
**Last Calib Update** 10/6/2016 1:00 PM

**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	10.5	105.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.2	96.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.2	105.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	480.9	96.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1020.9	102.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.4	99.8

# ISP Forensics Calibration Curve Report

CS

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

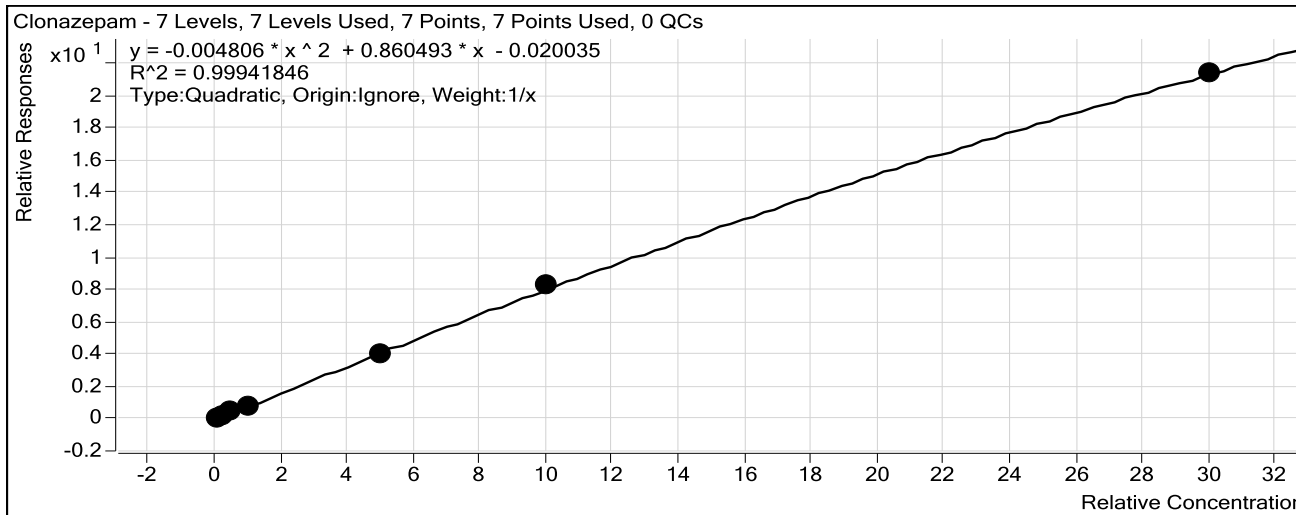
**Last Calib Update** 10/6/2016 1:00 PM

**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	11.0	109.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.8	95.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.0	97.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	479.8	96.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1034.4	103.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2989.7	99.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

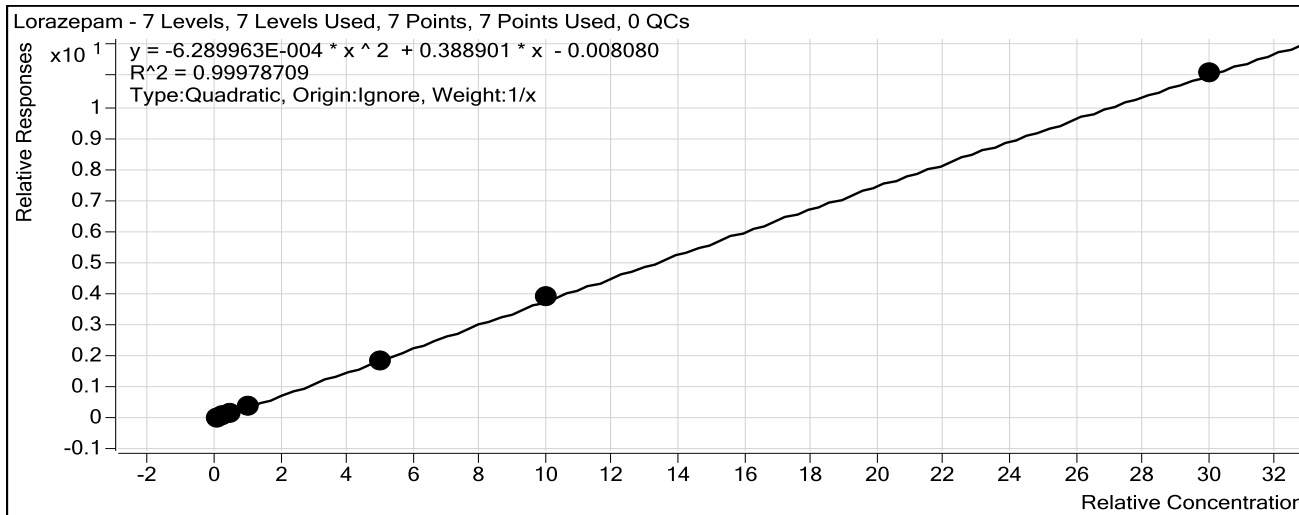
**Last Calib Update** 10/6/2016 1:00 PM

**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	10.7	107.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.5	97.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.8	103.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	487.1	97.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.5	101.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.1	99.9

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 PM

**Analyst Name**

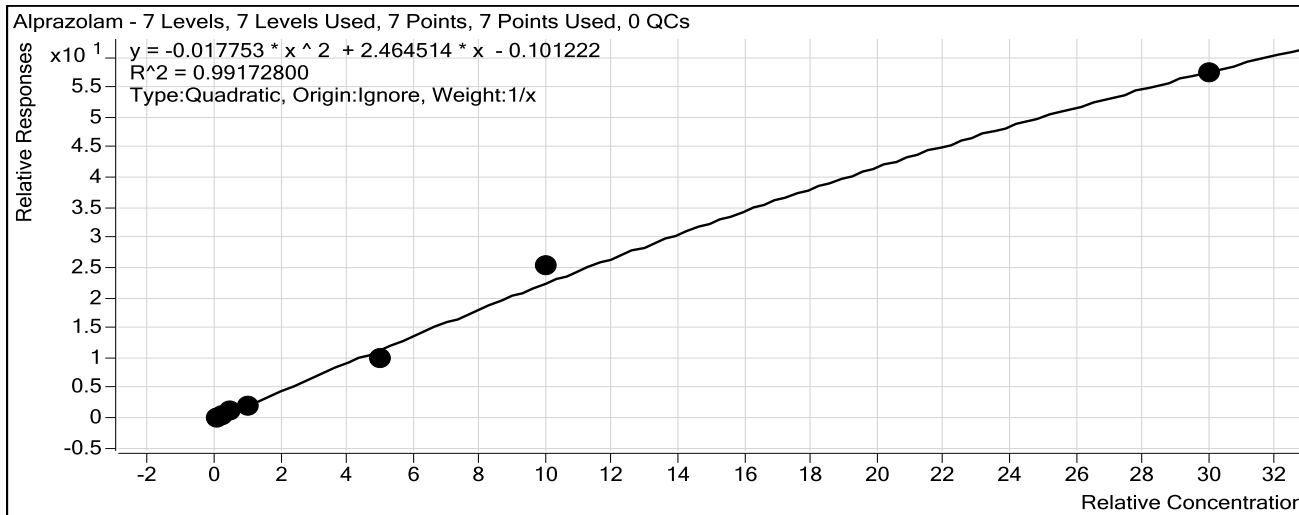
ISP TOX

**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	11.8	117.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.7	103.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	85.4	85.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	420.1	84.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1129.7	113.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2958.5	98.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

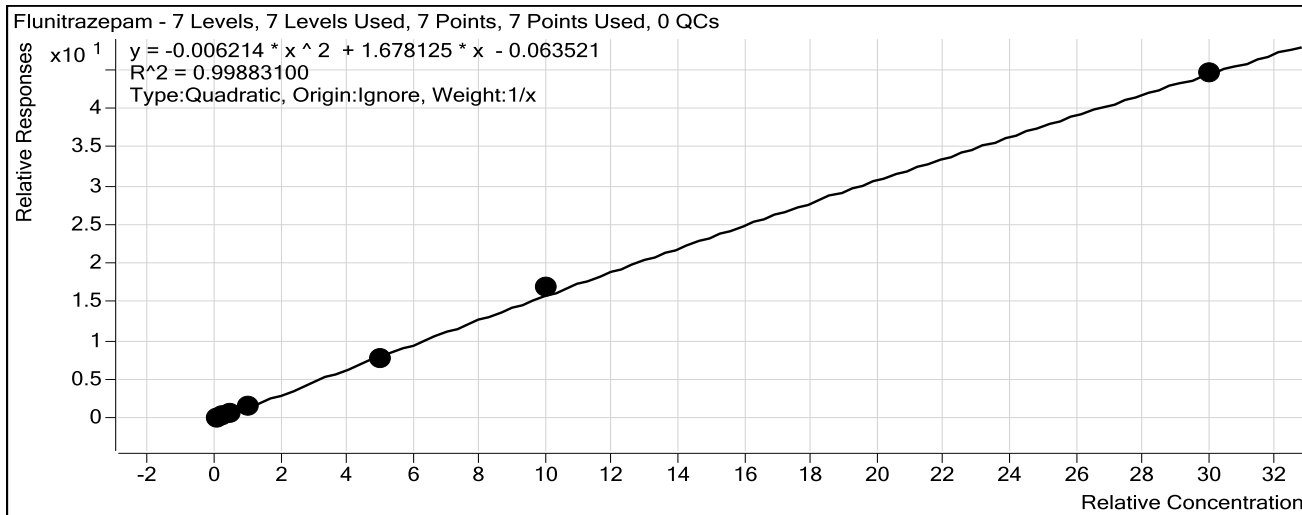
**Last Calib Update** 10/6/2016 1:00 PM

**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	11.8	117.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.7	93.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.5	94.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	472.5	94.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1048.5	104.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2986.8	99.6

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

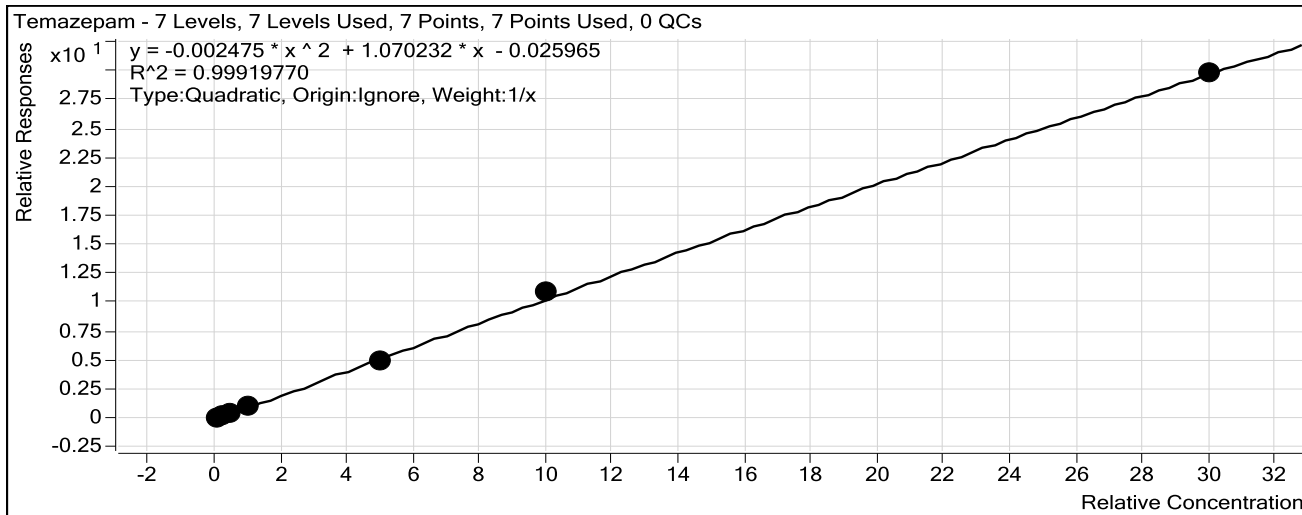
**Last Calib Update** 10/6/2016 1:00 PM

**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	11.0	110.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.8	95.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	474.3	94.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1041.0	104.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2989.9	99.7

# ISP Forensics Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2016\BENZ\100516 BENZ CSa\QuantResults\100516 Benz.batch.bin

**Last Calib Update** 10/6/2016 1:00 PM

**Analyst Name**

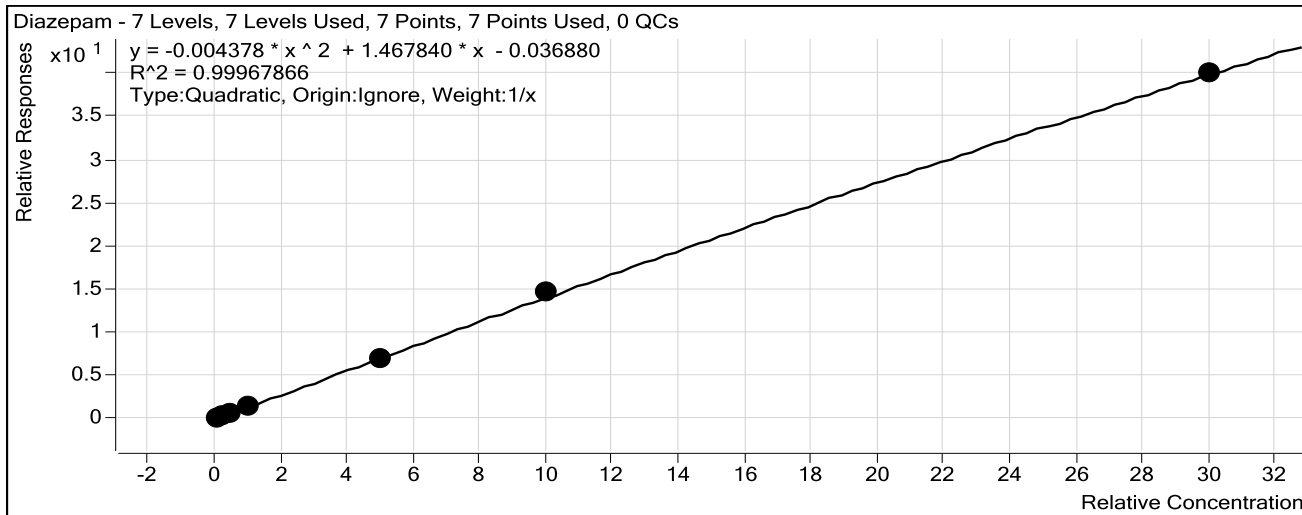
ISP TOX

**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	11.1	111.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.5	95.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.9	96.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	487.0	97.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1024.7	102.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.3	99.8