





























Worklist: 1366

central data reviewed by B. Wylie on 11/29/16 *B. Wylie*

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2016-0887	1.1	68912	AM 13 Blood LCMS-QQQ Benz	
C2016-1413	1.1	68913	AM 13 Blood LCMS-QQQ Benz	
M2016-2603	2	69403	AM 13 Blood LCMS-QQQ Benz	
M2016-2863	2.1	67441	AM 13 Blood LCMS-QQQ Benz	
P2016-1206	1.1	67442	AM 13 Blood LCMS-QQQ Benz	
P2016-1209	1.2	68886	AM 13 Blood LCMS-QQQ Benz	
P2016-1210	1.2	67443	AM 13 Blood LCMS-QQQ Benz	
P2016-1211	1.1	67439	AM 13 Blood LCMS-QQQ Benz	
P2016-1251	1.1	68922	AM 13 Blood LCMS-QQQ Benz	
P2016-1296	1.1	68923	AM 13 Blood LCMS-QQQ Benz	
P2016-1301	1.1	68926	AM 13 Blood LCMS-QQQ Benz	
P2016-1301	1.2	67440	AM 13 Blood LCMS-QQQ Benz	
P2016-1336	1.1	68924	AM 13 Blood LCMS-QQQ Benz	
P2016-1380	1.2	68925	AM 13 Blood LCMS-QQQ Benz	
P2016-1383	1.1	68914	AM 13 Blood LCMS-QQQ Benz	
P2016-1384	1.1	68915	AM 13 Blood LCMS-QQQ Benz	
P2016-1444	1.1	68916	AM 13 Blood LCMS-QQQ Benz	
P2016-1445	1.1	68917	AM 13 Blood LCMS-QQQ Benz	
P2016-1450	5	69404	AM 13 Blood LCMS-QQQ Benz	
P2016-1457	1.1	68921	AM 13 Blood LCMS-QQQ Benz	
P2016-1458	1.1	68918	AM 13 Blood LCMS-QQQ Benz	
P2016-1489	1.1	68919	AM 13 Blood LCMS-QQQ Benz	
P2016-1509	1.1	68911	AM 13 Blood LCMS-QQQ Benz	

Worklist: 1366

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
P2016-1511	1	69405	AM 13 Blood LCMS-QQQ Benz	
P2016-1549	1.1	68920	AM 13 Blood LCMS-QQQ Benz	
P2016-1583	1	69406	AM 13 Blood LCMS-QQQ Benz	
P2016-1595	1	69407	AM 13 Blood LCMS-QQQ Benz	
P2016-1607	1	69408	AM 13 Blood LCMS-QQQ Benz	
P2016-1649	1	69409	AM 13 Blood LCMS-QQQ Benz	

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS BENZ 112216.wkl
Date Modified:	11/22/2016 04:00:49 PM
Date Printed:	11/29/2016 02:37:49 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\BAW test 100616
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-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank1-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A3	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-10 ngmL-r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A4	25 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A5	50 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-50 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ๕
						and Z by LCQQQ	
P1-A6	100 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A7	500 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A8	1000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-1000 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A9	3000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-3000 ngmL_r001.d	Calibration	8	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013
P1-B1	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.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-F9	Blank - C2016-0887-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- C2016-0887-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B2	C2016-0887-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- C2016-0887-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - C2016-1413-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-C2016-1413-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B3	C2016-1413-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-C2016-1413-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - M2016-2603-2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-M2016-2603-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B4	M2016-2603-2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-M2016-2603-2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - M2016-2863-2.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-M2016-2863-2.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B5	M2016-2863-2.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-M2016-2863-2.1-r001.d	Sample		AM 6.1.1 Benzo	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ۞
						and Z by LCQQQ	
P1-F9	Blank - P2016-1206-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1206-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B6	P2016-1206-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1206-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1209-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1209-1.2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B7	P2016-1209-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1209-1.2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1210-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1210-1.2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B8	P2016-1210-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1210-1.2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1211-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1211-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B9	P2016-1211-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1211-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1251-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1251-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C1	P2016-1251-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1251-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1296-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1296-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C2	P2016-1296-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1296-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1301-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1301-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C3	P2016-1301-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1301-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1301-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1301-1.2_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. ۳
P1-C4	P2016-1301-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1301-1.2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1336-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1336-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C5	P2016-1336-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1336-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1380-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1380-1.2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C6	P2016-1380-1.2	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1380-1.2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1383-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1383-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C7	P2016-1383-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1383-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1384-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1384-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C8	P2016-1384-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1384-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1444-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1444-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-C9	P2016-1444-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1444-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1445-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1445-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D1	P2016-1445-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1445-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1450-5	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1450-5_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D2	P2016-1450-5	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1450-5-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9		Benzos_Z_Drugs_ACN_FA_ISP_10042016.m		Blank		AM 6.1.1 Benzo	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
	Blank - P2016-1457-1.1		BZ-Carryover blank-P2016-1457-1.1_r001.d			and Z by LCQQQ	
P1-D3	P2016-1457-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1457-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1458-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank-P2016-1458-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D4	P2016-1458-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-P2016-1458-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1489-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1489-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D5	P2016-1489-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1489-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1509-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1509-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D6	P2016-1509-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1509-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1511-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1511-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D7	P2016-1511-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1511-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1549-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1549-1.1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D8	P2016-1549-1.1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1549-1.1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1583-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1583-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D9	P2016-1583-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1583-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1595-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1595-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E1	P2016-1595-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1595-1-r001.d	Sample		AM 6.1.1 Benzo	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 9
						and Z by LCQQQ	
P1-F9	Blank - P2016-1607-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1607-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2	P2016-1607-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1607-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank - P2016-1649-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-Carryover blank- P2016-1649-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	P2016-1649-1	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ- P2016-1649-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	blank3.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m	BZ-NC-B_end of run.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013

ISP Forensics Calibration Curve Report

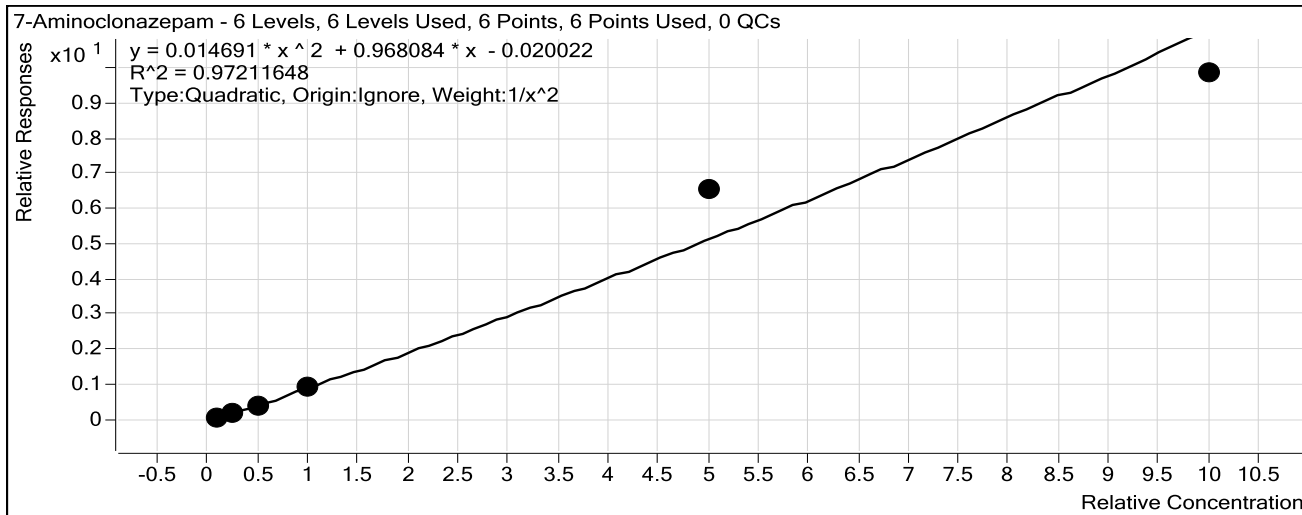
Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM

Analyst Name ISP TOX

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

* This compound was not evaluated in this batch due to failing IS response



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.6	91.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.7	94.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	623.2	124.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	896.4	89.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM

Analyst Name

ISP TOX

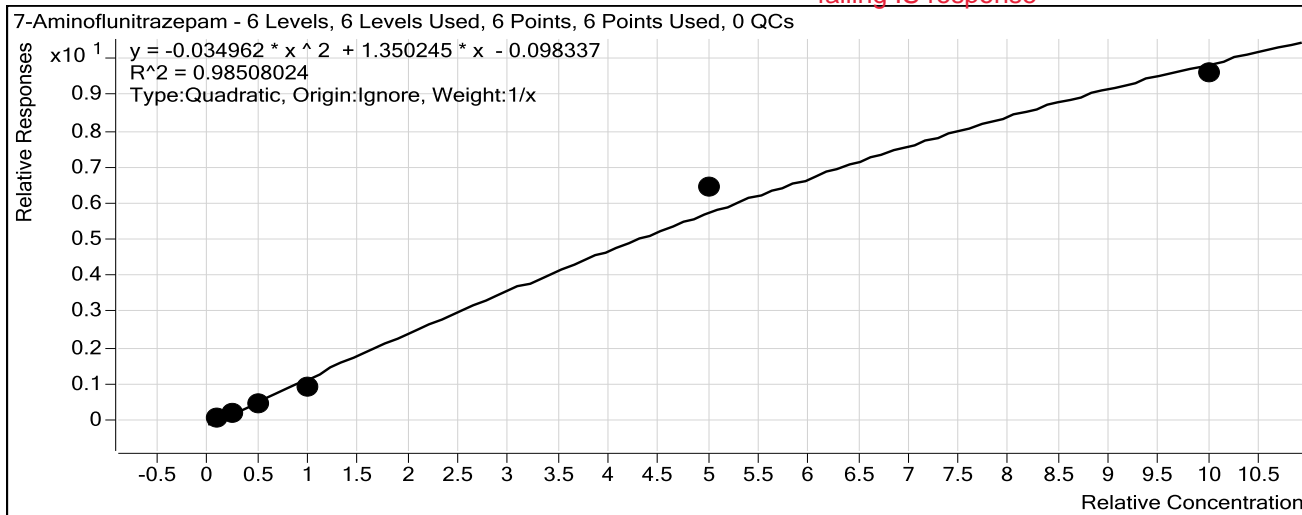
Target Compound

7-Aminoflunitrazepam

* This compound was not evaluated in this batch due to failing IS response

Internal Standard

7-Aminoflunitrazepam-D7 ISTD



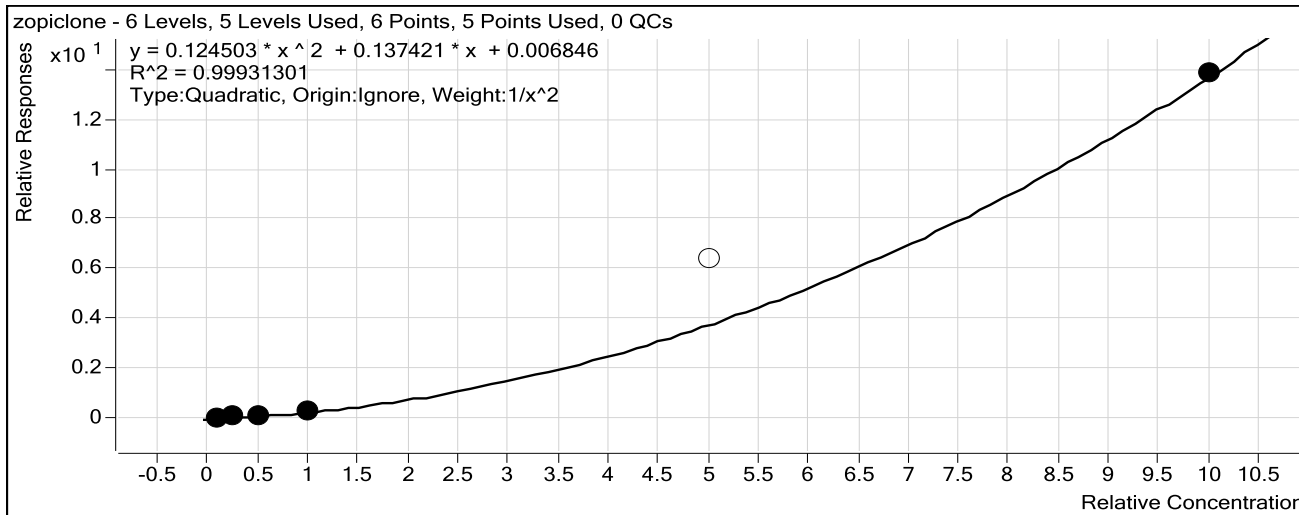
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	13.8	138.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	40.7	81.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	76.9	76.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	572.3	114.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	952.5	95.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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 checked="" type="checkbox"/>	10	9.5	95.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	27.4	109.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.6	105.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.8	92.8
500 ng/mL	6	<input type="checkbox"/>	500	663.2	132.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1000.6	100.1

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

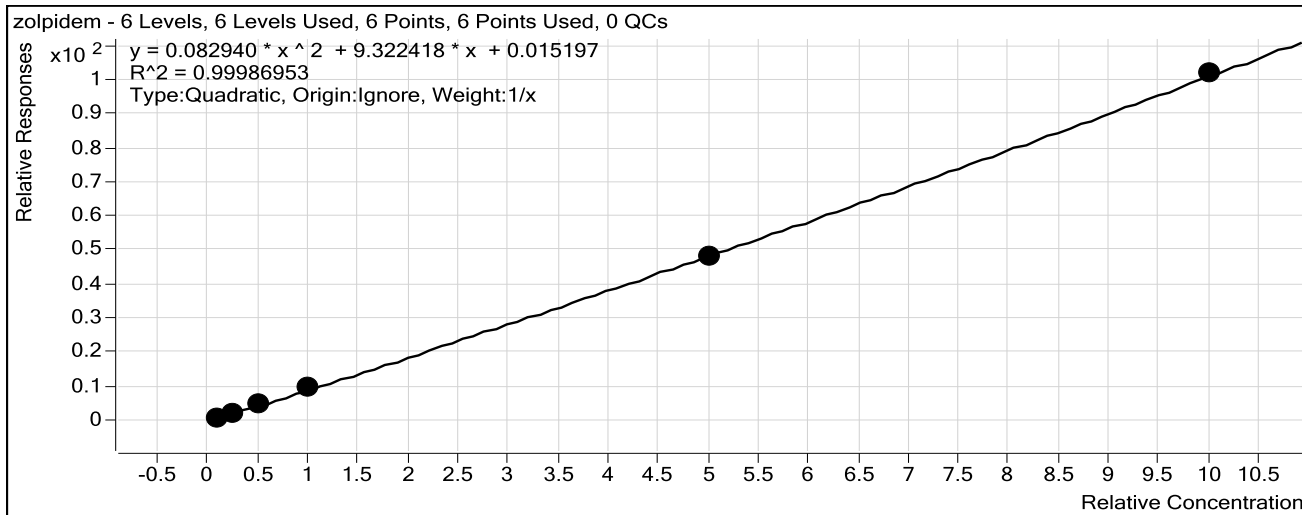
Last Calib Update 11/28/2016 3:39 PM

Analyst Name

ISP TOX

Target Compound *zolpidem*

Internal Standard *Nordiazepam-D5 ISTD*



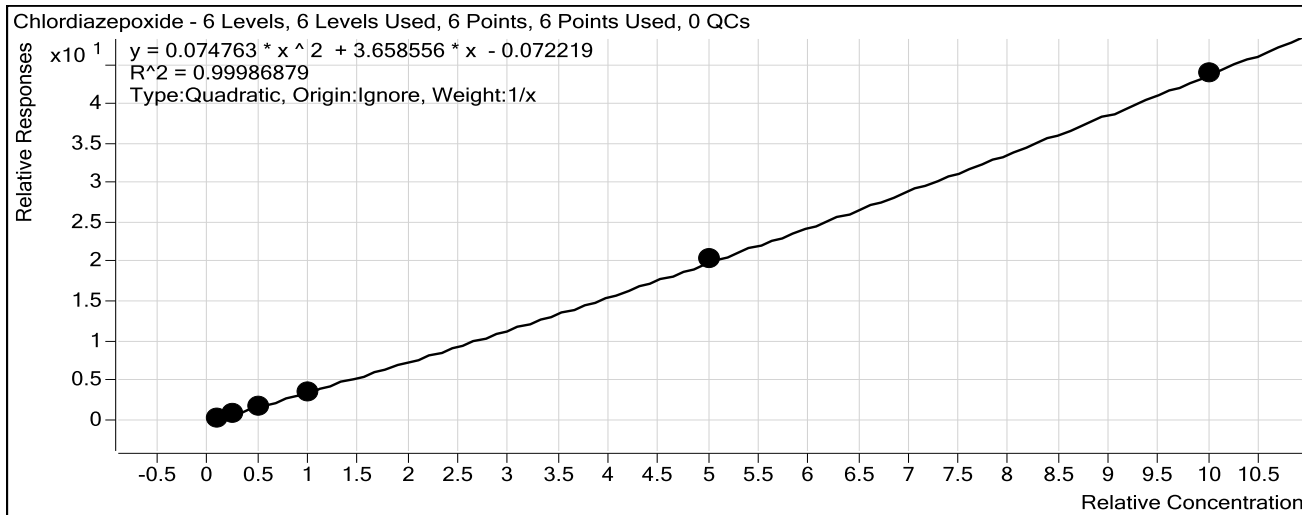
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	95.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.5	105.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.8	100.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.2	99.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.1	100.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	10.5	105.4
25 ngmL	3	<input checked="" type="checkbox"/>	25	24.3	97.0
50 ngmL	4	<input checked="" type="checkbox"/>	50	50.0	99.9
100 ngmL	5	<input checked="" type="checkbox"/>	100	96.7	96.7
500 ngmL	6	<input checked="" type="checkbox"/>	500	505.5	101.1
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	997.9	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

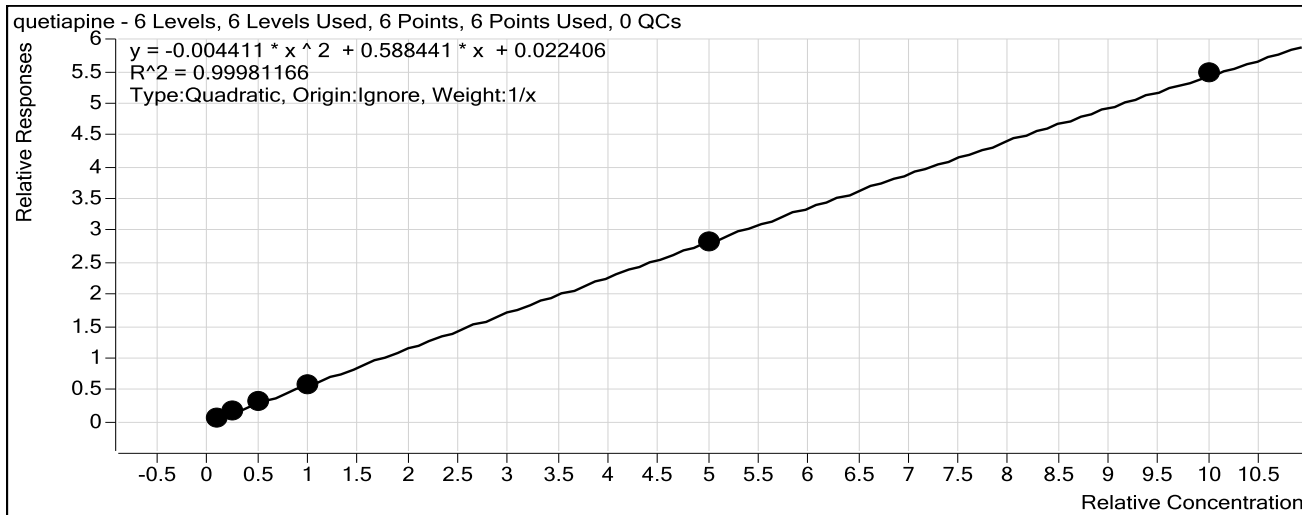
Last Calib Update 11/28/2016 3:39 PM

Analyst Name

ISP TOX

Target Compound *quetiapine*

Internal Standard *Temazepam-D5 ISTD*



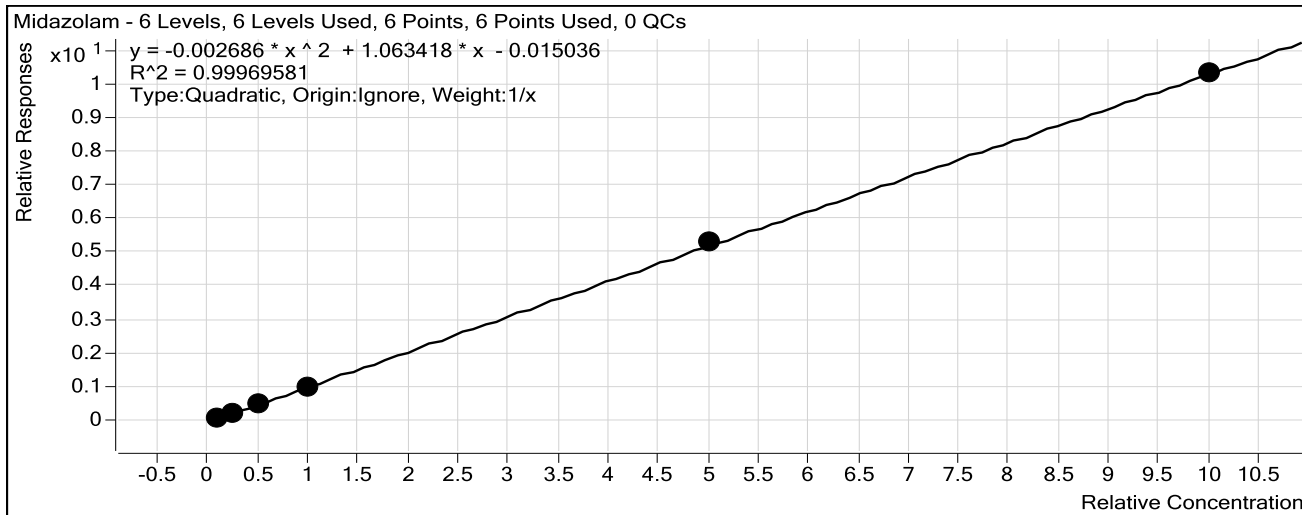
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.3	92.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.3	105.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.2	104.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.5	98.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.4	99.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1001.4	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

Target Compound Midazolam
Internal Standard Clonazepam-D4 ISTD



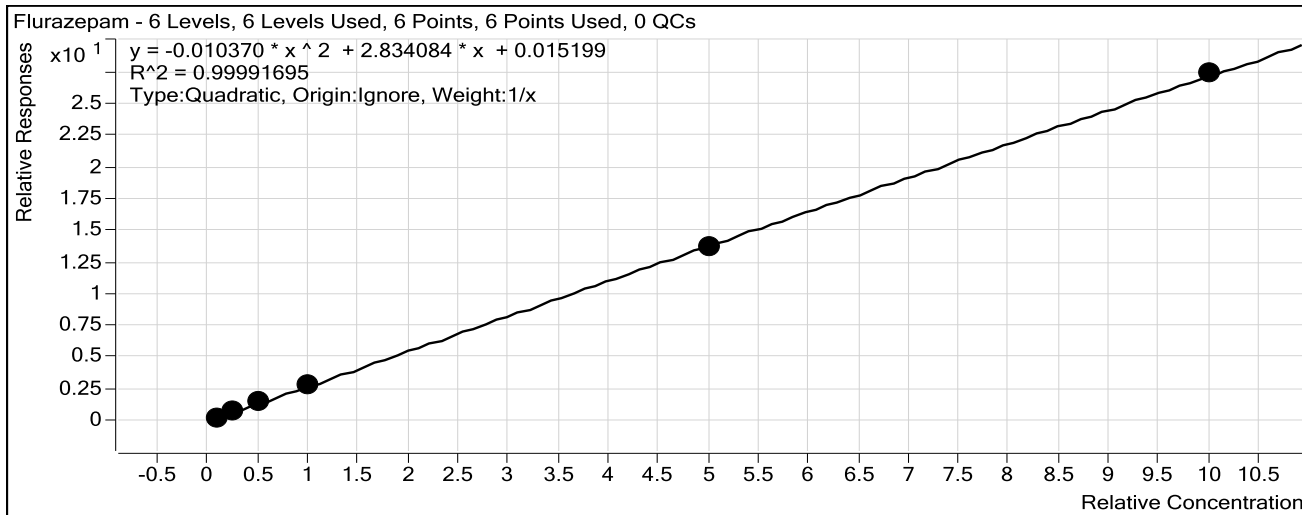
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	106.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.1	98.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.7	95.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	509.3	101.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.7	99.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

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



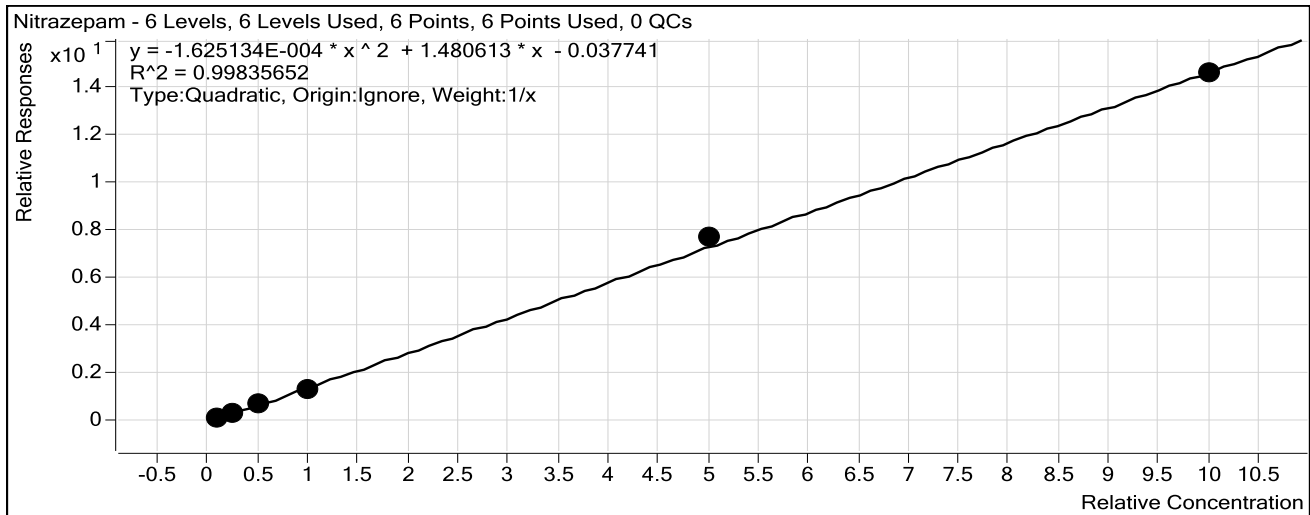
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	95.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.6	103.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.6	100.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.9	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.0	100.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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	11.6	115.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.9	93.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.4	90.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	521.7	104.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.3	99.0

ISP Forensics Calibration Curve Report

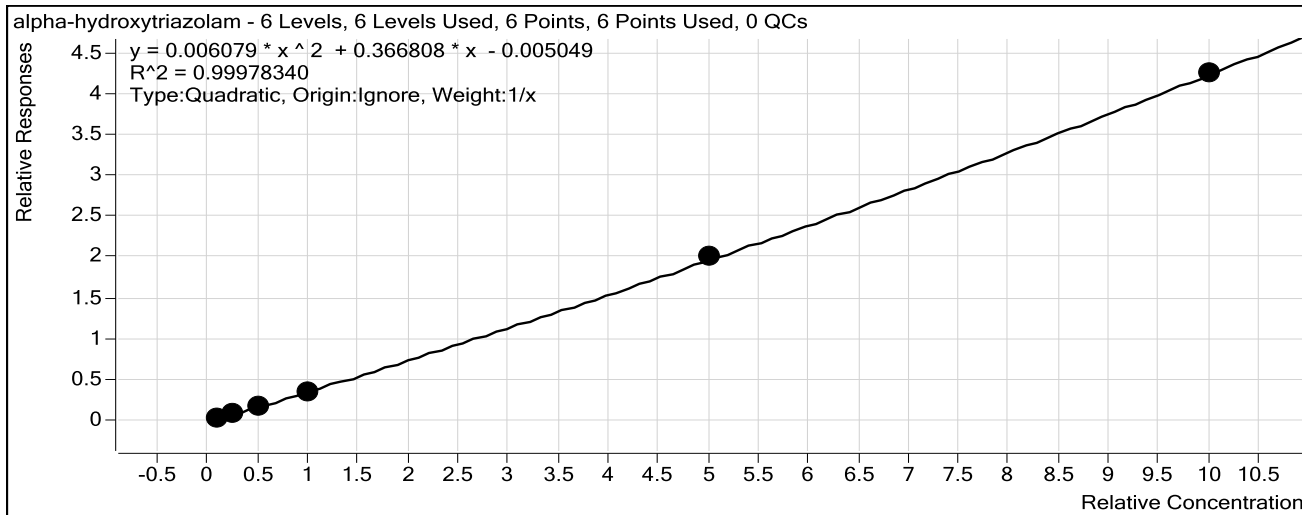
19

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxytriazolam*

Internal Standard *Nordiazepam-D5 ISTD*



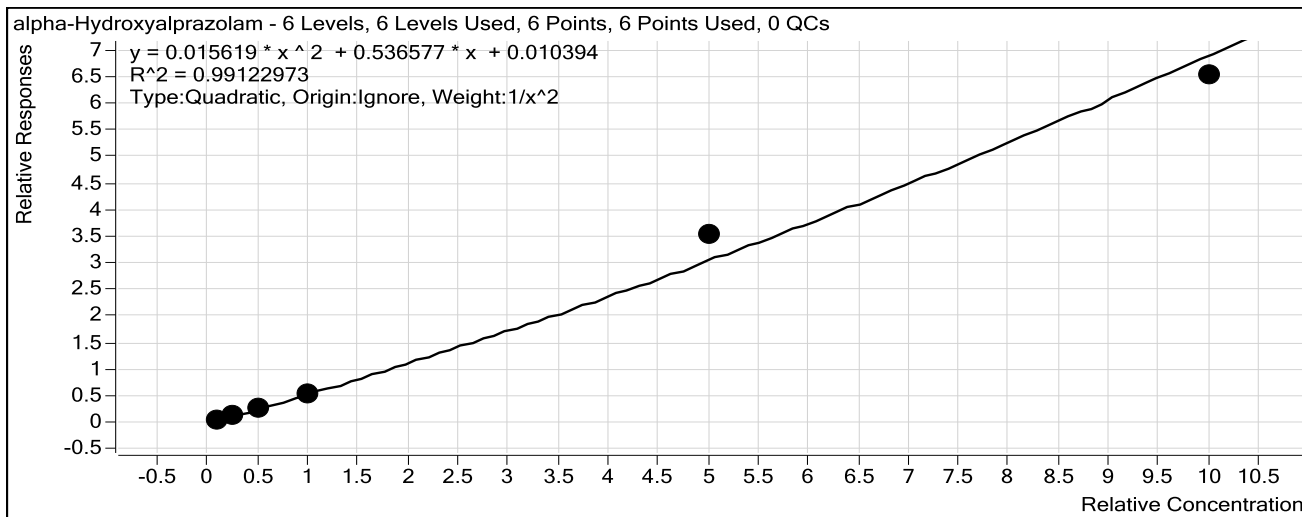
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	103.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.4	101.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.3	98.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.4	95.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	507.3	101.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	997.2	99.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

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



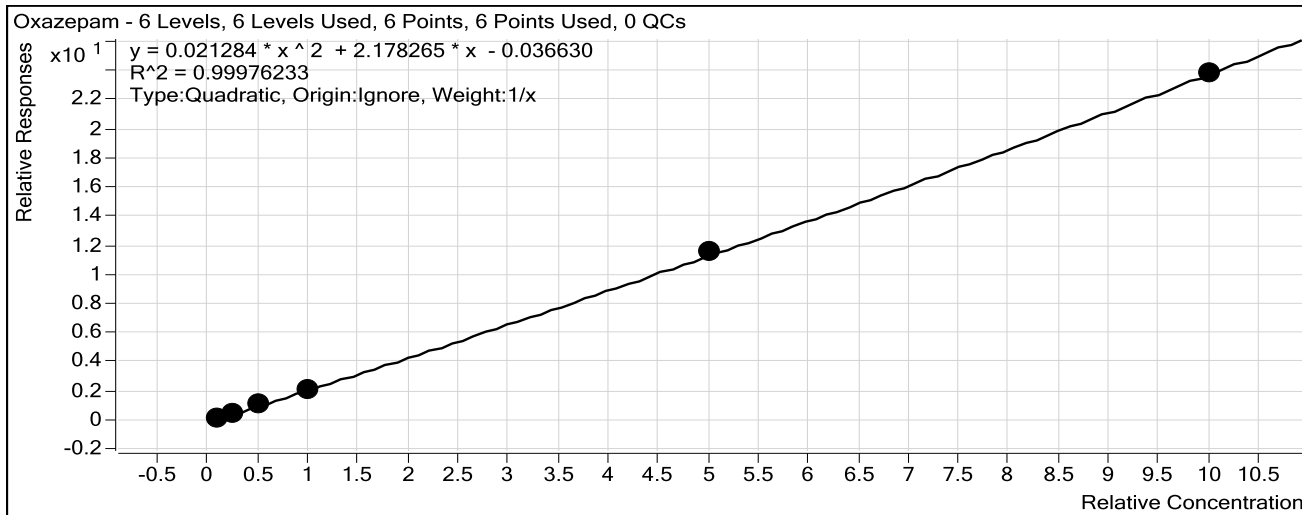
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	102.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.6	97.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.9	95.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	564.8	113.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	950.1	95.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Nordiazepam-D5 ISTD



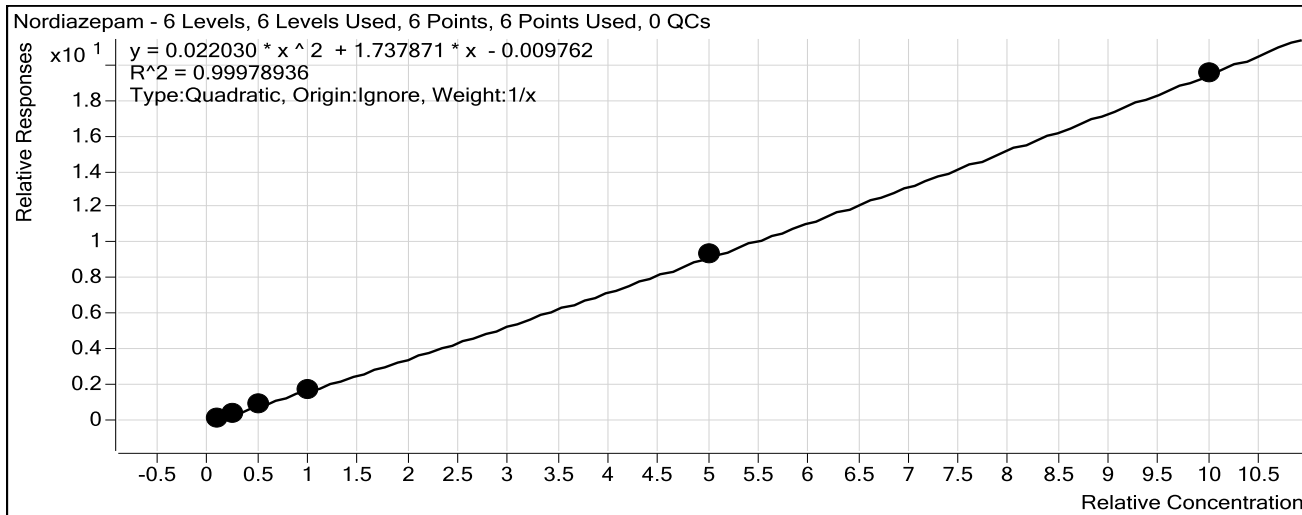
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.8	108.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.1	100.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.5	96.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	506.8	101.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	997.2	99.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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	10.6	105.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.0	101.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.8	95.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	506.0	101.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	997.6	99.8

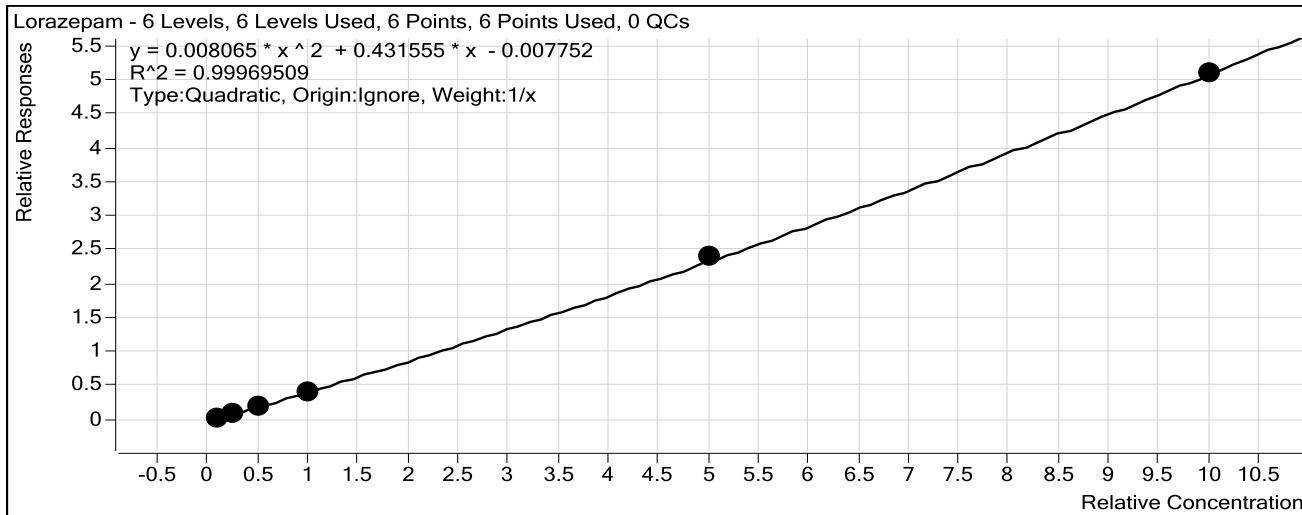
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM

Analyst Name ISP TOX

Target Compound Lorazepam
Internal Standard Nordiazepam-D5 ISTD



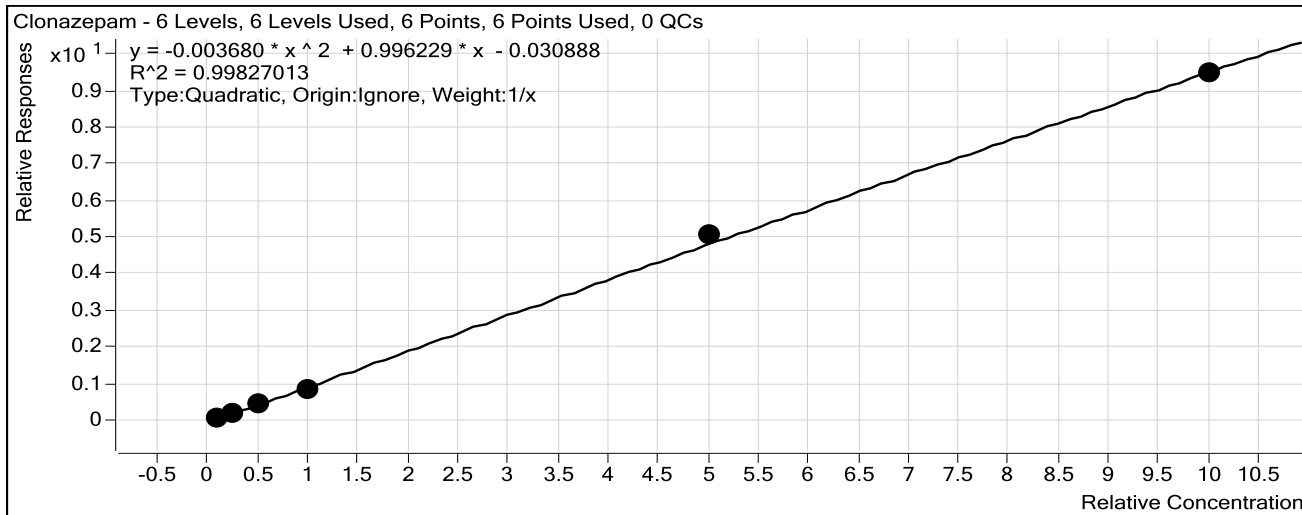
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	107.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.0	97.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.0	95.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	509.0	101.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	996.5	99.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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	116.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.1	94.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.5	90.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	522.4	104.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	989.6	99.0

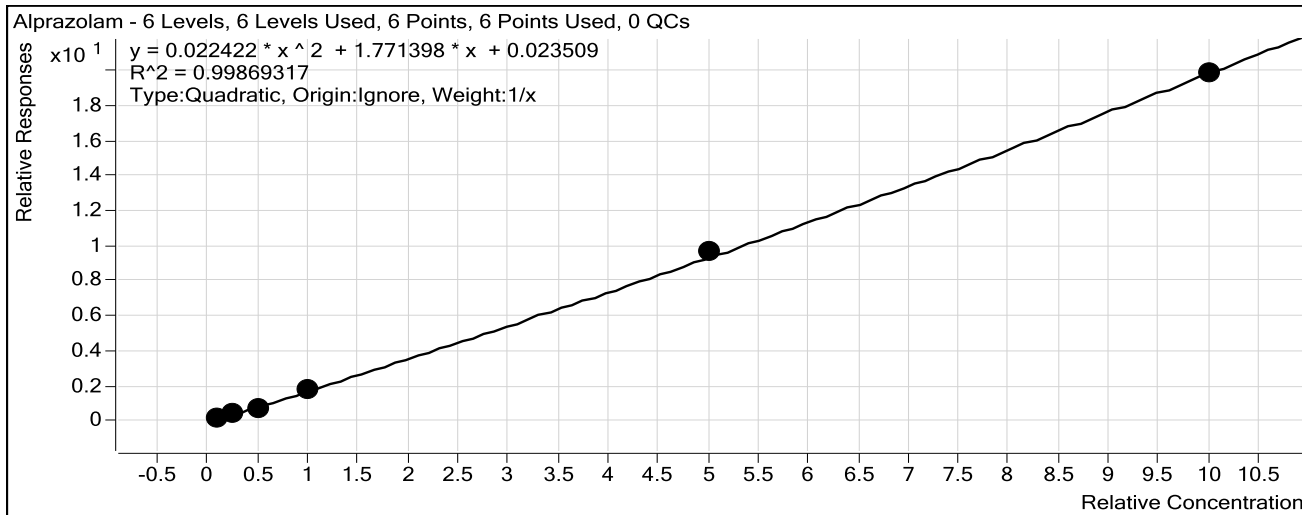
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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	11.2	112.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.2	104.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	41.8	83.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.6	96.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	515.2	103.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	993.7	99.4

ISP Forensics Calibration Curve Report

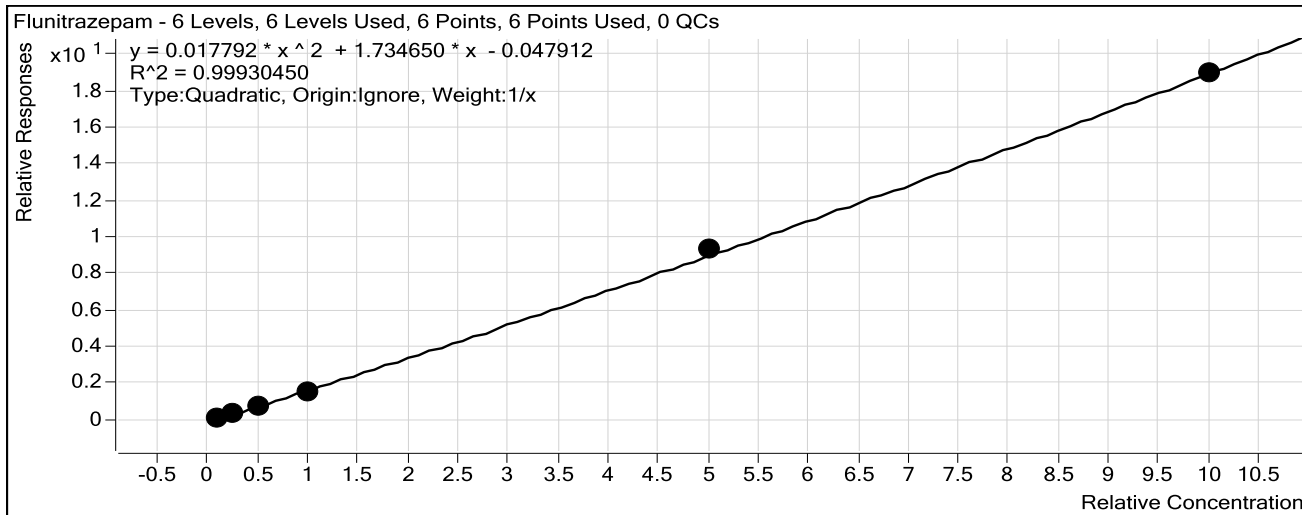
Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM

Analyst Name ISP TOX

Target Compound Flunitrazepam

Internal Standard Clonazepam-D4 ISTD



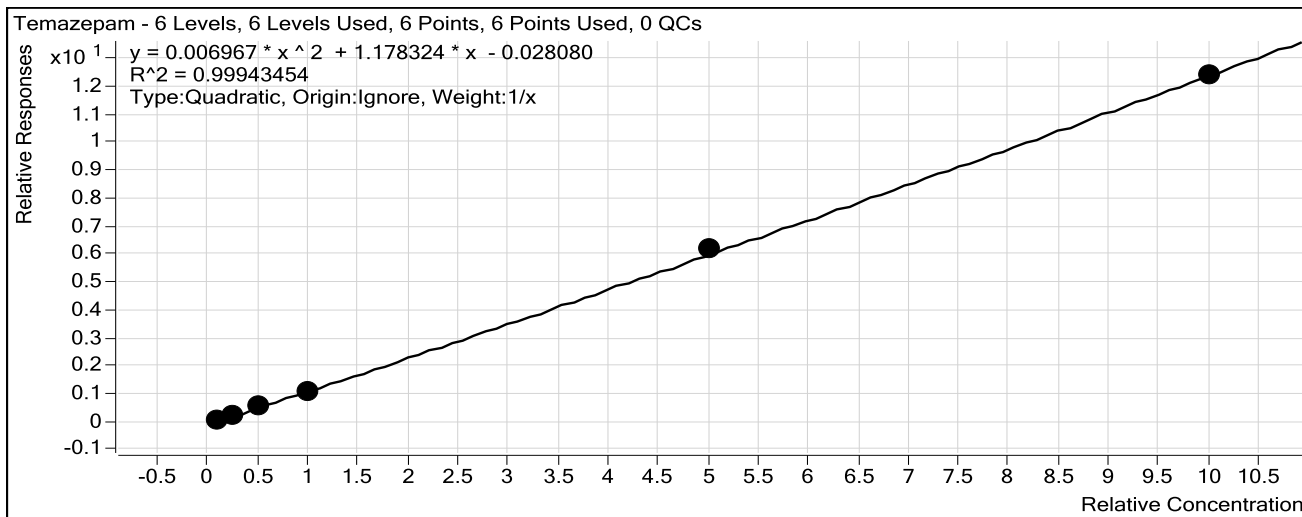
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	11.2	112.0
25 ngmL	3	<input checked="" type="checkbox"/>	25	24.1	96.4
50 ngmL	4	<input checked="" type="checkbox"/>	50	47.9	95.8
100 ngmL	5	<input checked="" type="checkbox"/>	100	93.6	93.6
500 ngmL	6	<input checked="" type="checkbox"/>	500	513.8	102.8
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	994.3	99.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 PM **Analyst Name** ISP TOX

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



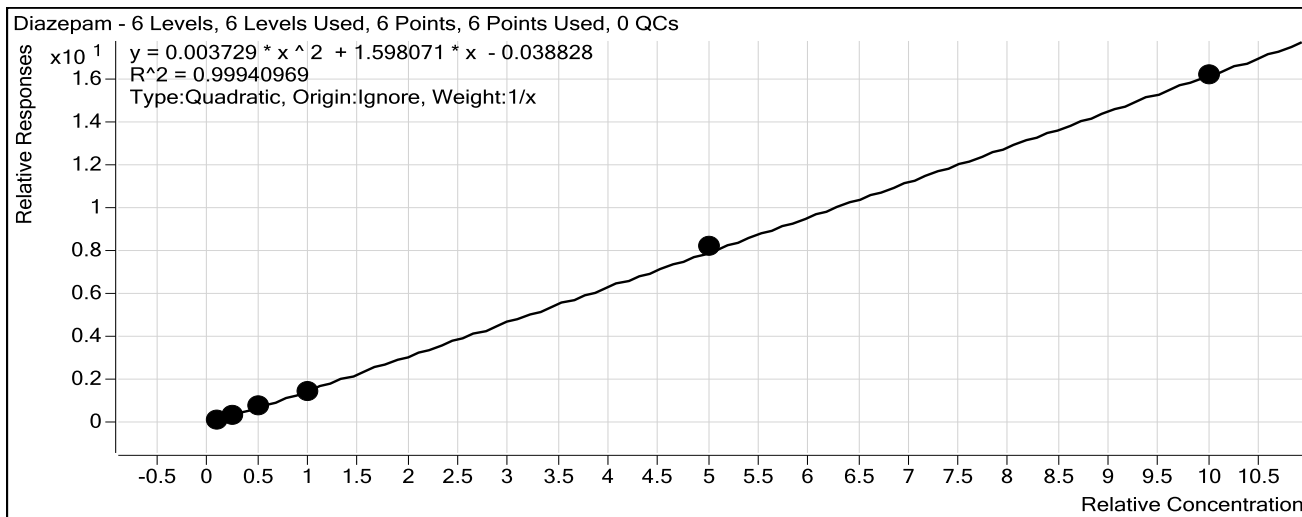
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.8	108.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.6	98.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.1	98.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	93.3	93.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	512.3	102.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.8	99.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin

Last Calib Update 11/28/2016 3:39 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	11.0	110.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.2	94.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.0	95.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	512.9	102.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.3	99.4

Pocatello

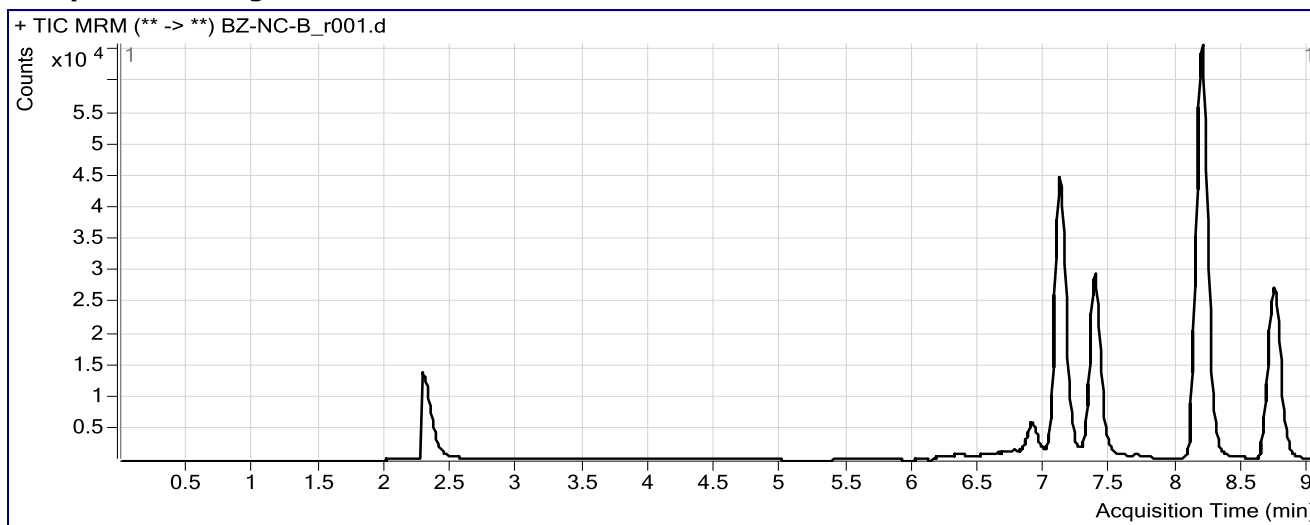
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin		
Analysis Time	11/29/2016 11:42 AM	Analyst Name	ISPUser
Report Time	11/29/2016 11:45 AM	Reporter Name	ISPUser
Last Calib Update	11/29/2016 11:42 AM	Batch State	Processed

Analysis Info

Acq Time	2016-11-23 16:24	Data File	BZ-NC-B_r001.d
Sample Type	Sample	Sample Name	Negative Blood Control
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
Position	P1-F9	Sample Info	UTAK Negative Whole Blood LOT B1013
Inj Vol	-1	Comment	AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Pocatello

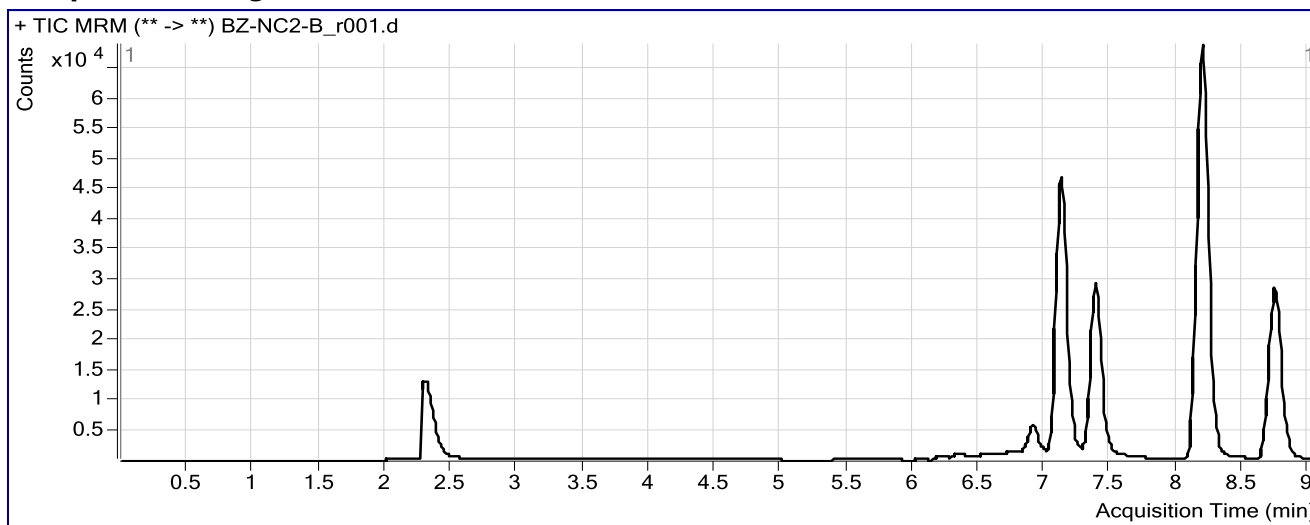
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin		
Analysis Time	11/29/2016 11:42 AM	Analyst Name	ISPUser
Report Time	11/29/2016 11:45 AM	Reporter Name	ISPUser
Last Calib Update	11/29/2016 11:42 AM	Batch State	Processed

Analysis Info

Acq Time	2016-11-23 16:39	Data File	BZ-NC2-B_r001.d
Sample Type	Sample	Sample Name	Negative Blood Control 2
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
Position	P1-F8	Sample Info	UTAK Negative Whole Blood LOT B1013
Inj Vol	-1	Comment	AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



CS

ISP FORENSICS

Pocatello

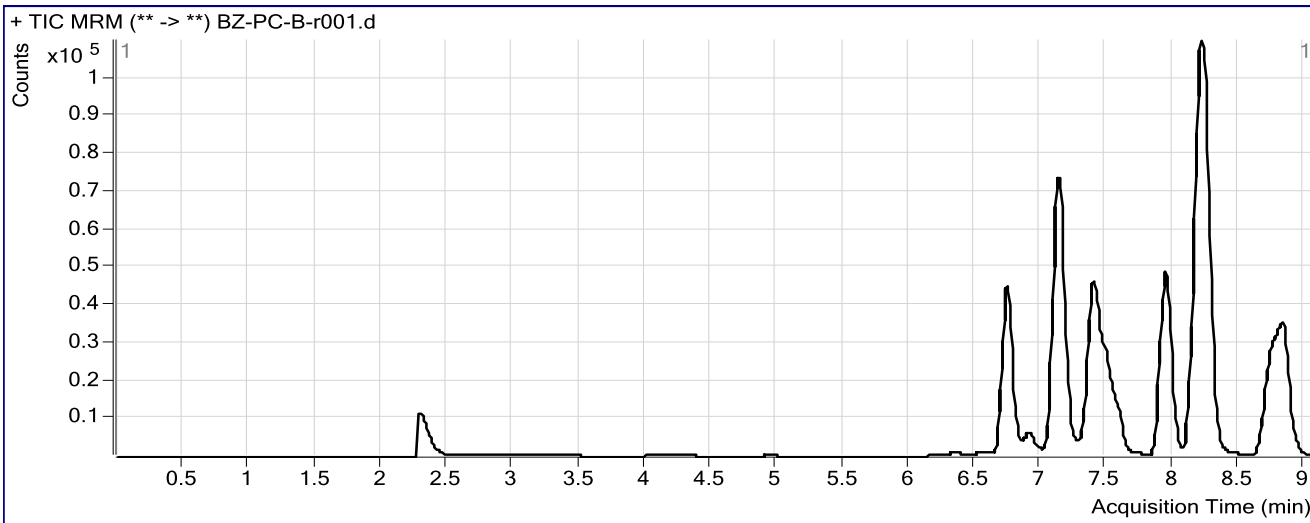
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin
Analysis Time 11/29/2016 11:42 AM **Analyst Name** ISPUser
Report Time 11/29/2016 11:45 AM **Reporter Name** ISPUser
Last Calib Update 11/29/2016 11:42 AM **Batch State** Processed

Analysis Info

Acq Time 2016-11-23 16:55 **Data File** BZ-PC-B-r001.d
Sample Type Sample **Sample Name** Positive Blood Control
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
Position P1-B1 **Sample Info** Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
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	6.740	154864	102518	1.5106	104.5864
Oxazepam	Nordiazepam-D5 ISTD	7.145	122142	62098	1.9669	91.1682
Lorazepam	Nordiazepam-D5 ISTD	7.492	24180	62098	0.3894	90.4966
Clonazepam	Clonazepam-D4 ISTD	7.410	98749	102518	0.9632	100.1589
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.572	40791	16541	2.4660	135.5600
Flunitrazepam	Clonazepam-D4 ISTD	7.935	194598	102518	1.8982	110.9274
Temazepam	Temazepam-D5 ISTD	8.238	362653	280493	1.2929	111.3744
Diazepam	Diazepam-D5 ISTD	8.833	151389	95229	1.5897	101.6671

Pocatello

Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2016\BENZ\112316CS\QuantResults\11-23-16 Benzos.batch.bin		
Analysis Time	11/29/2016 11:42 AM	Analyst Name	ISPUser
Report Time	11/29/2016 11:50 AM	Reporter Name	ISPUser
Last Calib Update	11/29/2016 11:42 AM	Batch State	Processed

Analysis Info

Acq Time	2016-11-24 07:59	Data File	BZ-NC-B_end of run.d
Sample Type	Sample	Sample Name	Negative Blood Control
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_10042016.m
Position	P1-F9	Sample Info	UTAK Negative Whole Blood LOT B1013
Inj Vol	-1	Comment	AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram

