









data reviewed by B. Wylie on 6/14/16



6/10/2016

Worklist: 1130

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2016-0001	1	57115	6.1.1 Blood LCMS-QQQ Benzc	
M2016-0194	1	57116	6.1.1 Blood LCMS-QQQ Benzc	
M2016-0202	1	57122	6.1.1 Blood LCMS-QQQ Benzc	
M2016-0971	1	58382	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0145	1	57123	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0149	1	57124	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0274	1	58384	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0491	1	58385	6.1.1 Blood LCMS-QQQ Benzc	

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 060716.wkl
Date Modified:	06/07/2016 03:25:37 PM
Date Printed:	06/07/2016 03:25:46 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\Combined\060716 CS
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	
P2	

Worklist Table

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank1-r000.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A2	Blood: 1_5 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL1-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @5ng/mL, all others @1 ng/mL
P2-A3	Blood: 2_10 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL2_r001.d	Calibration	2	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @10ng/mL, all others @2 ng/mL
P2-A4	Blood: 5_25 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL3_r001.d	Calibration	3	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @25ng/mL, all others @5 ng/mL
P2-A5	Blood: 10_50 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL4_r001.d	Calibration	4	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @50ng/mL, all

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ☺
							others @10 ng/mL
P2-A6	Blood: 25_125 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL5_r001.d	Calibration	5	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all others @25 ng/mL
P2-A7	Blood: 50_250 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL6_r001.d	Calibration	6	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @250ng/mL, all others @50 ng/mL
P2-A8	Blood: 100_500 ng/mL	isp blood cannabinoids Poky 2016-1.m	B_CAL7_r001.d	Calibration	7	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @500ng/mL, all others @100 ng/mL
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Carryover blank1_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blood Negative Control	isp blood cannabinoids Poky 2016-1.m	B-NC-r001.d	Sample		UTAK B1013	Negative Blood UTAK Lot B0689-B1013 ^{B1013} ☺
P2-B1	Blood Positive Control 1	isp blood cannabinoids Poky 2016-1.m	B-PC1-r001.d	Sample		UTAK B1013 + WS060716	c-THC @15ng/mL, all others @3 ng/mL
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Carryover blank2_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blank C2016-0764-1	isp blood cannabinoids Poky 2016-1.m	C2016-0764-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	C2016-0764-1	isp blood cannabinoids Poky 2016-1.m	C2016-0764-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2016-0569-1	isp blood cannabinoids Poky 2016-1.m	M2016-0569-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	M2016-0569-1	isp blood cannabinoids Poky 2016-1.m	M2016-0569-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2016-0971-1	isp blood cannabinoids Poky 2016-1.m	M2016-0971-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2016-0971-1	isp blood cannabinoids Poky 2016-1.m	M2016-0971-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	cann-Carryover blank3_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C3	Blood Positive Control 2	isp blood cannabinoids Poky 2016-1.m	cann-B-PC2-r001.d	Sample		UTAK B1013 + WS060716	c-THC @125ng/mL, all others @25 ng/mL
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Carryover blank4_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blank M2016-1315-1	isp blood cannabinoids Poky 2016-1.m	M2016-1315-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2016-1315-1	isp blood cannabinoids Poky 2016-1.m	M2016-1315-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9		isp blood cannabinoids Poky 2016-1.m		Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
	Blank P2016-0758-1		P2016-0758-1_BLK_r001.d			AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	P2016-0758-1	isp blood cannabinoids Poky 2016-1.m	P2016-0758-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016-1.m	Blank3-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F8	5 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-5 ngmL-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F7	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2016.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_2016.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_2016.m	BZ-50 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F4	100 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2016.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_2016.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_2016.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_2016.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_2016.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_2016.m	BZ-NC-B_r001.d	Sample		UTAK B1013	UTAK Negative Whole Blood  LOT B0689  B1013
P1-E8	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-PC-B-r001.d	Sample		UTAK B1013 + WS060716	200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0430-
P1-E9	Blank - C2016-0001-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-C2016-0001-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	B1013 
P1-E7	C2016-0001-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-C2016-0001-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-0194-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-M2016-0194-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	M2016-0194-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-M2016-0194-1-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. ٢
P1-E9	Blank - M2016-0202-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-M2016-0202-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	M2016-0202-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-M2016-0202-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0145-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0145-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E4	P2016-0145-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0145-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0149-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0149-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	P2016-0149-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0149-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-0971-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-M2016-0971-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2	M2016-0971-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-M2016-0971-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0274-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0274-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E1	P2016-0274-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0274-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0491-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0491-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-D9	P2016-0491-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0491-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank3_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	

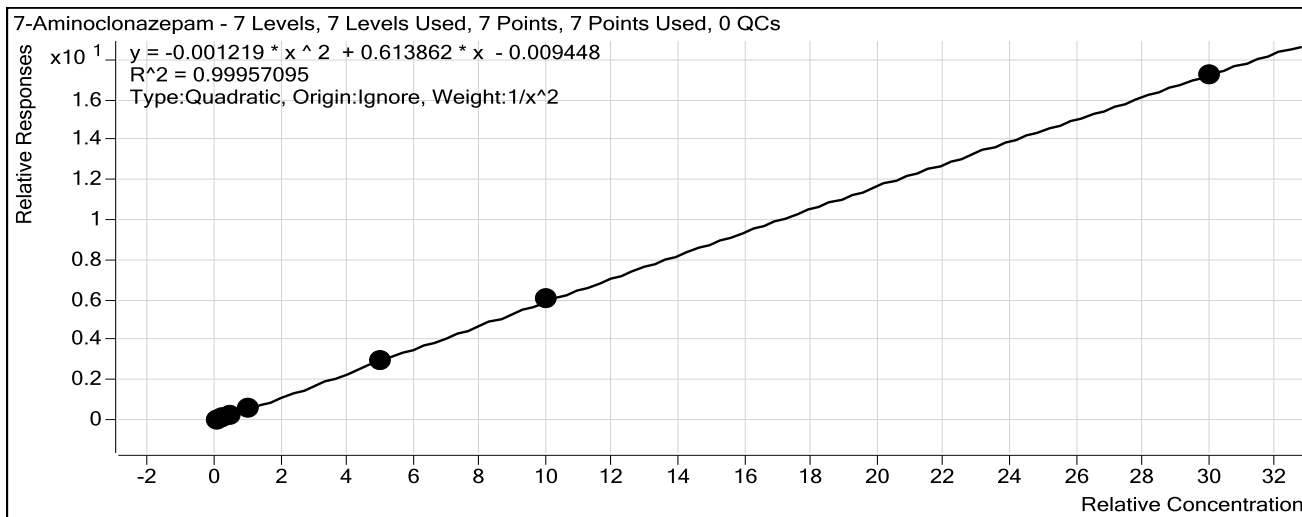
ISP Forensics Calibration Curve Report

CS

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



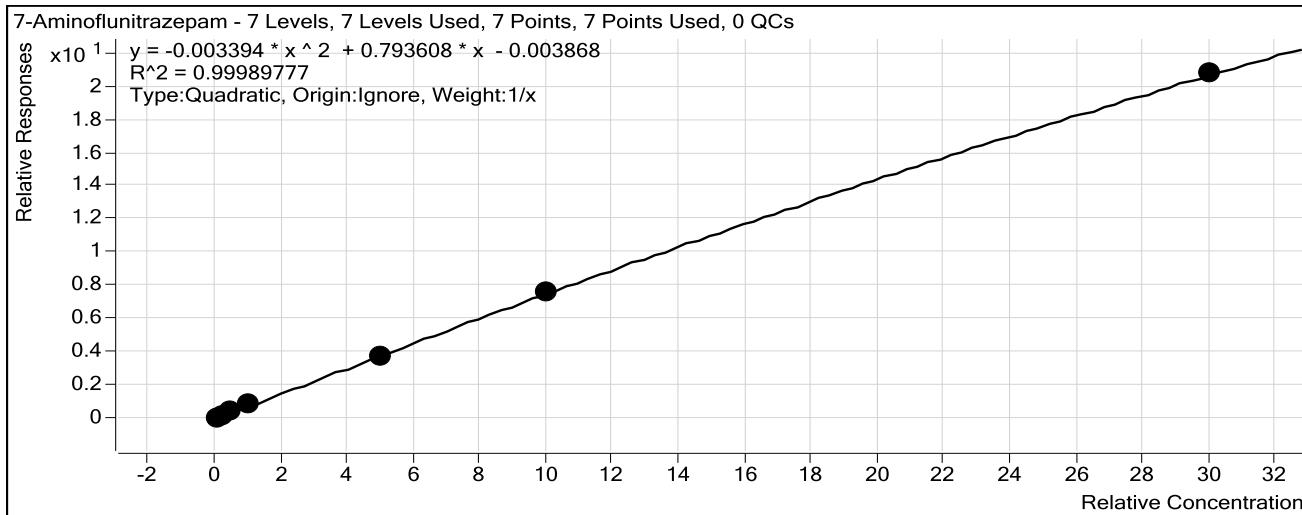
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50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.6	99.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.9	101.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	497.0	99.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1019.7	102.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2980.9	99.4

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



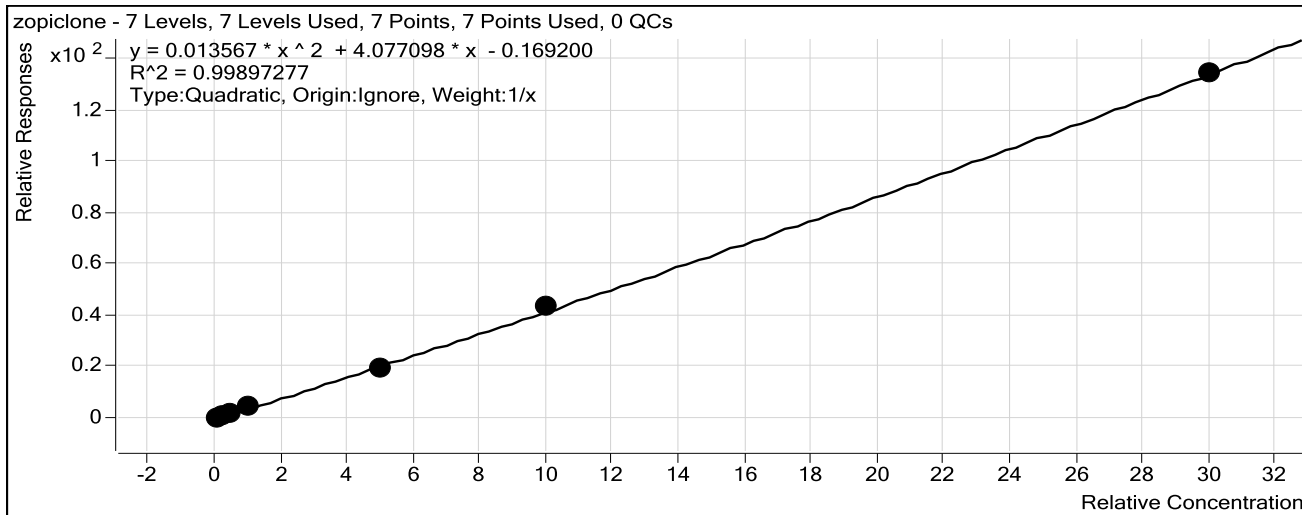
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	97.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.9	101.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.6	103.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	490.3	98.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1006.8	100.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.1	100.0

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



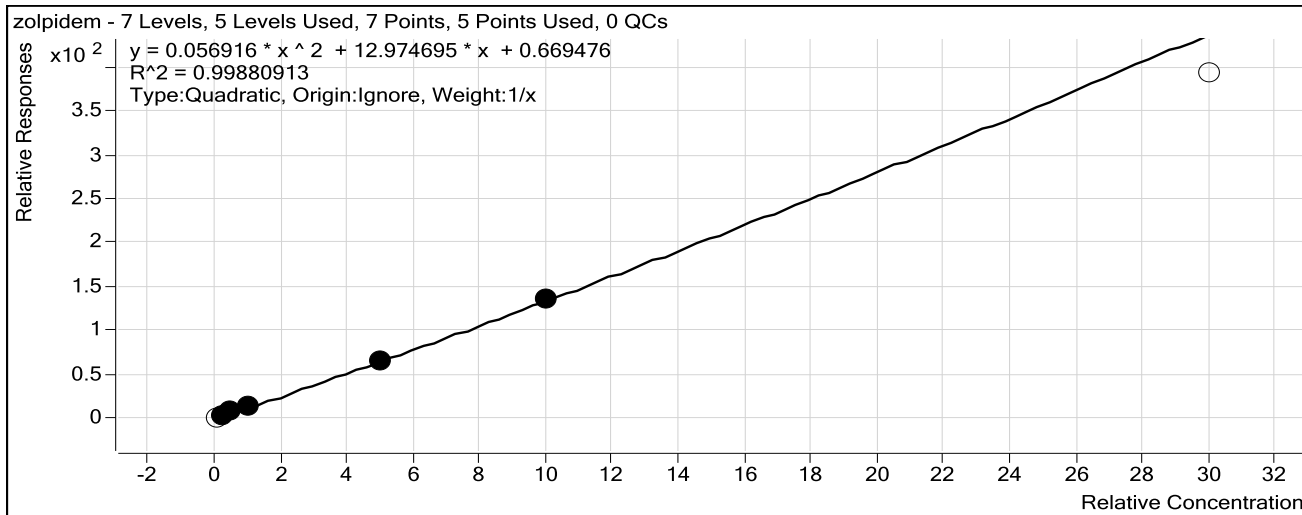
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.9	105.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	463.9	92.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1040.0	104.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.2	99.8

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



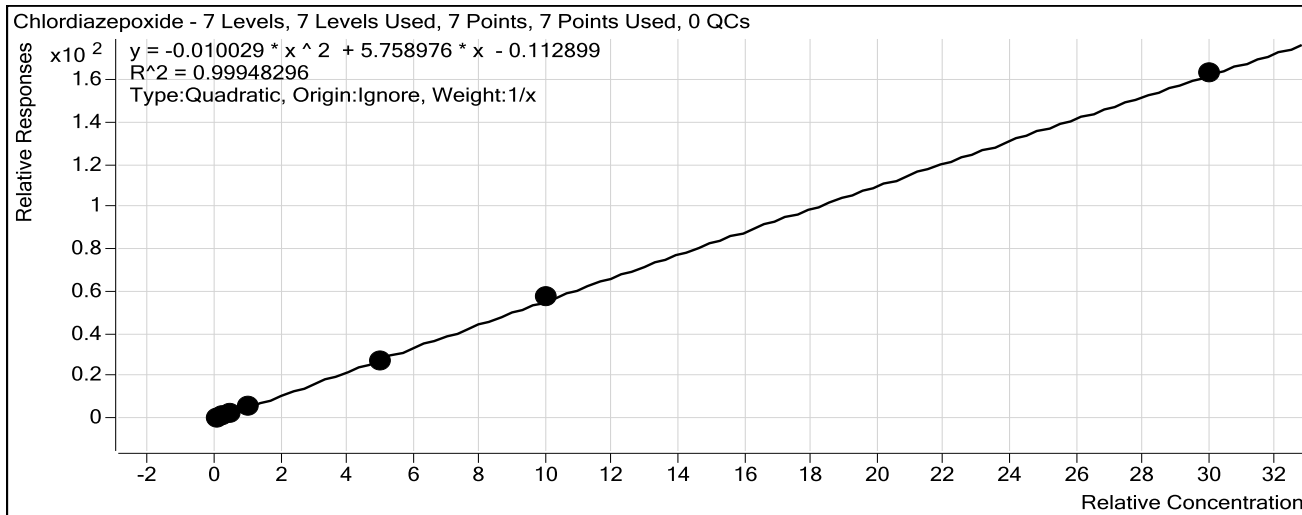
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.0	97.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	110.6	110.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.4	97.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1005.6	100.6
3000 ng/mL	8	<input type="checkbox"/>	3000	2702.4	90.1

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



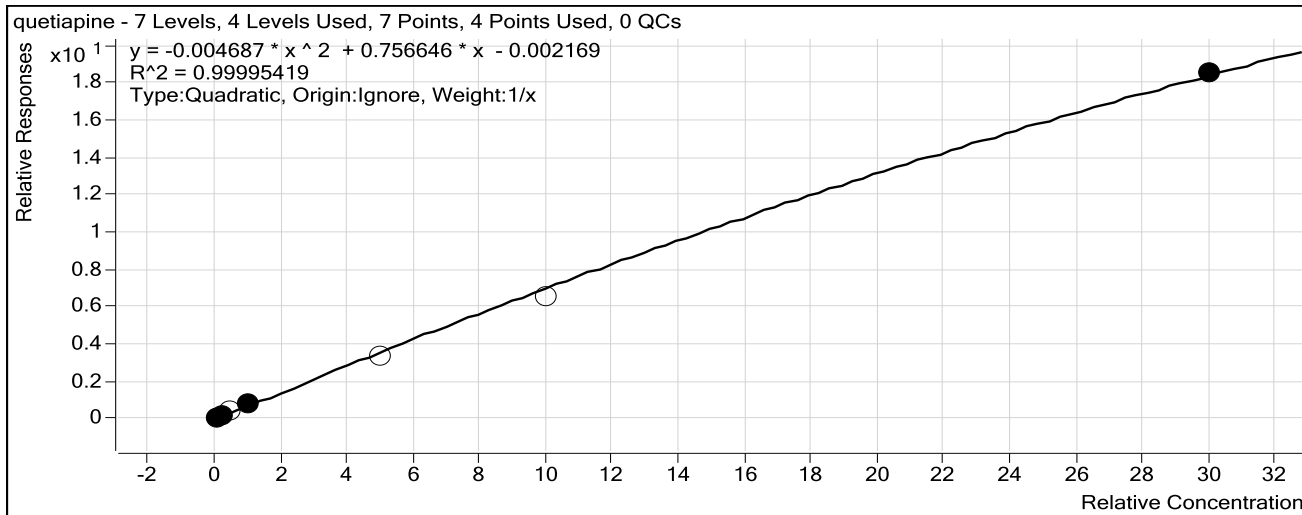
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.8	103.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.7	93.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.3	102.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.3	95.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1029.0	102.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.7	99.8

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 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	10.4	104.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.8
50 ng/mL	4	<input type="checkbox"/>	50	49.9	99.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.9	100.9
500 ng/mL	6	<input type="checkbox"/>	500	449.8	90.0
1000 ng/mL	7	<input type="checkbox"/>	1000	913.7	91.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.0	100.0

ISP Forensics Calibration Curve Report

CS

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

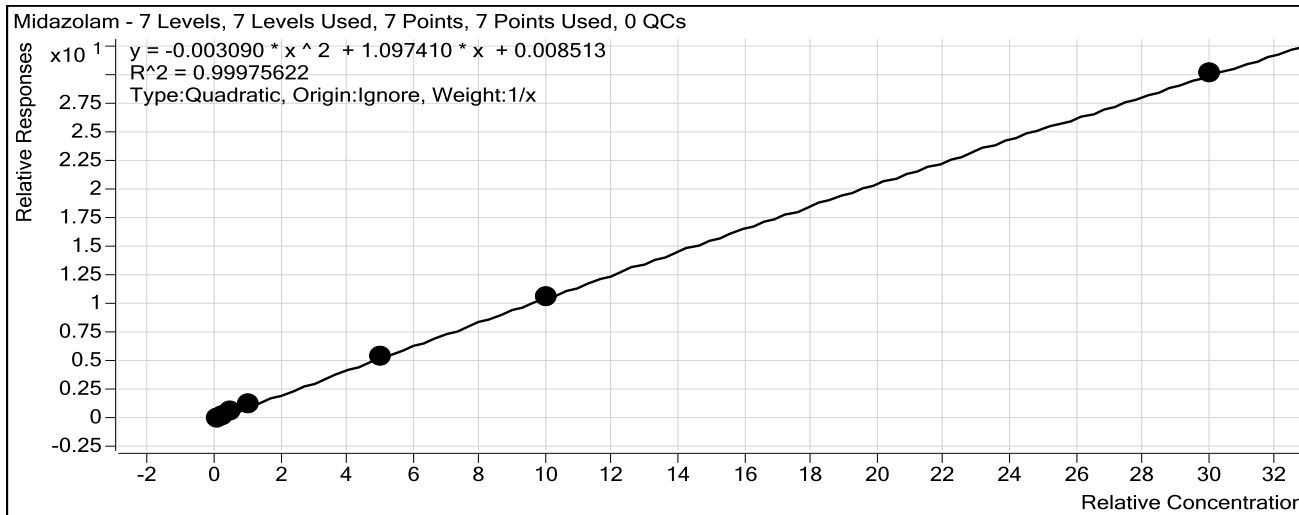
Last Calib Update 6/10/2016 11:21 AM

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	9.3	93.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.6	103.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	108.5	108.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.6	99.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.2	99.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3003.6	100.1

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

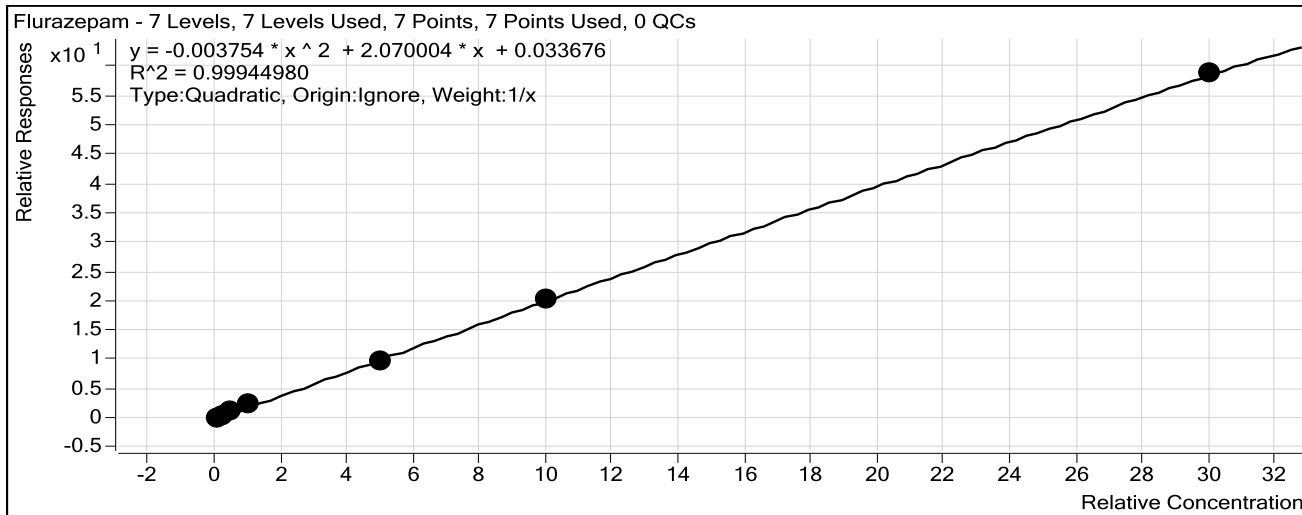
Last Calib Update 6/10/2016 11:21 AM

Analyst Name

ISP TOX

Target Compound *Flurazepam*

Internal Standard *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.1	100.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.0	107.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	111.1	111.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	485.3	97.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.5	99.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.8	100.1

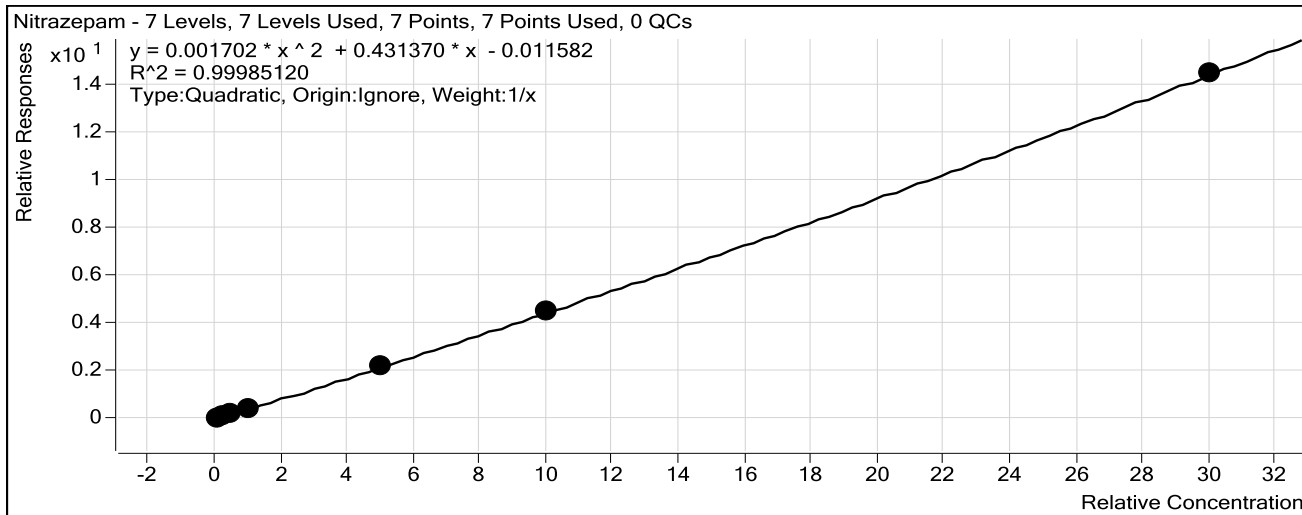
ISP Forensics Calibration Curve Report

CS

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound Nitrazepam
Internal Standard Clonazepam-D4 ISTD



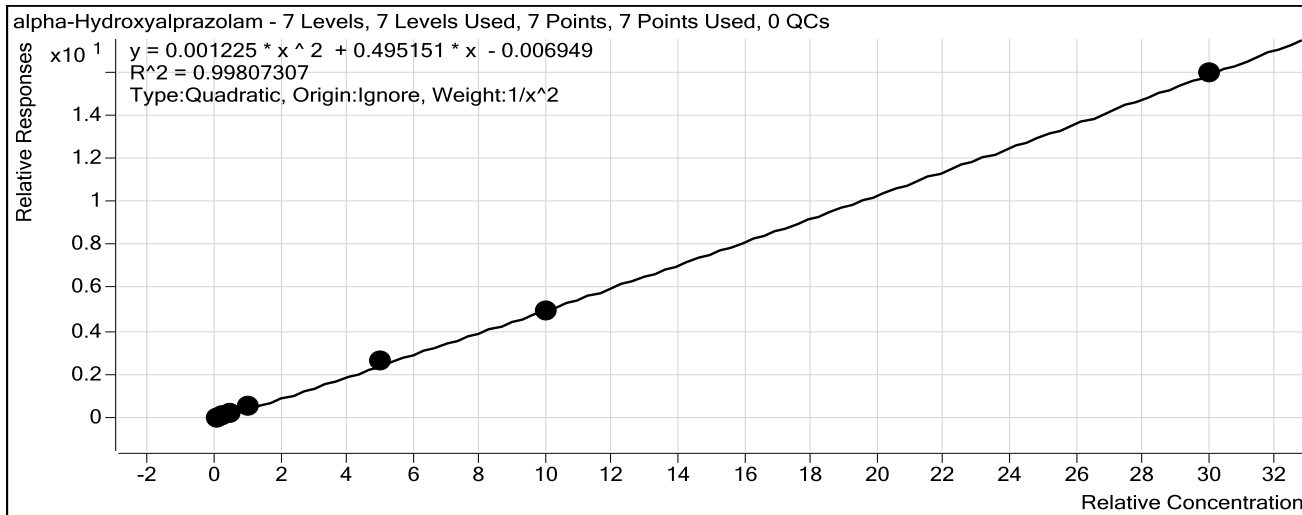
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.6	106.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.2	104.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.2	95.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.0	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1013.2	101.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.9	99.9

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 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	102.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.1	96.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.5	102.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	530.1	106.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	979.1	97.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2992.5	99.7

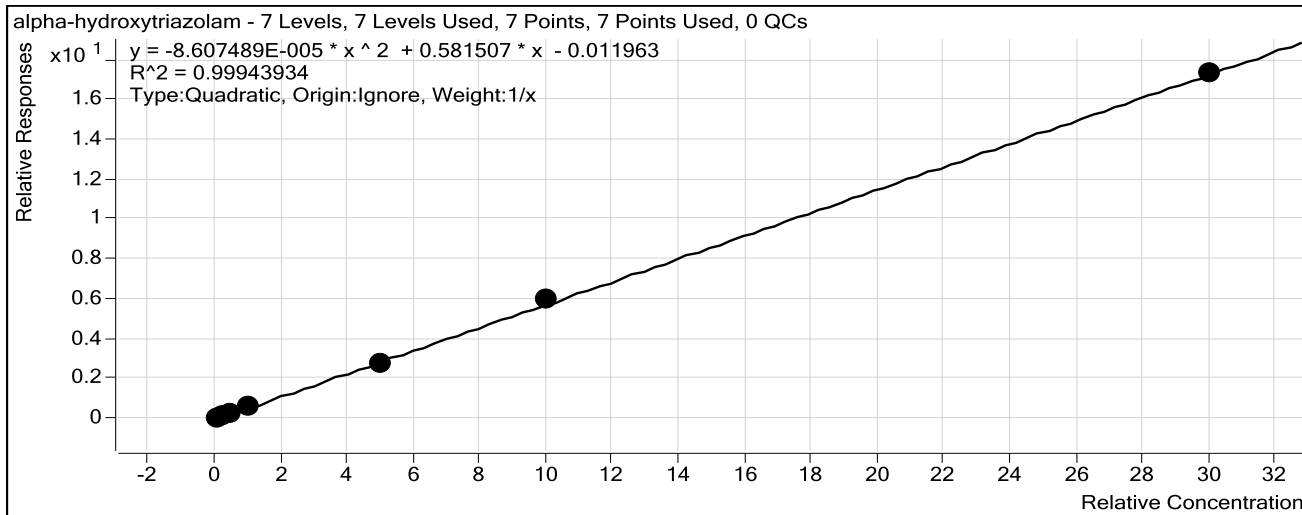
ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxytriazolam*

Internal Standard *Nordiazepam-D5 ISTD*



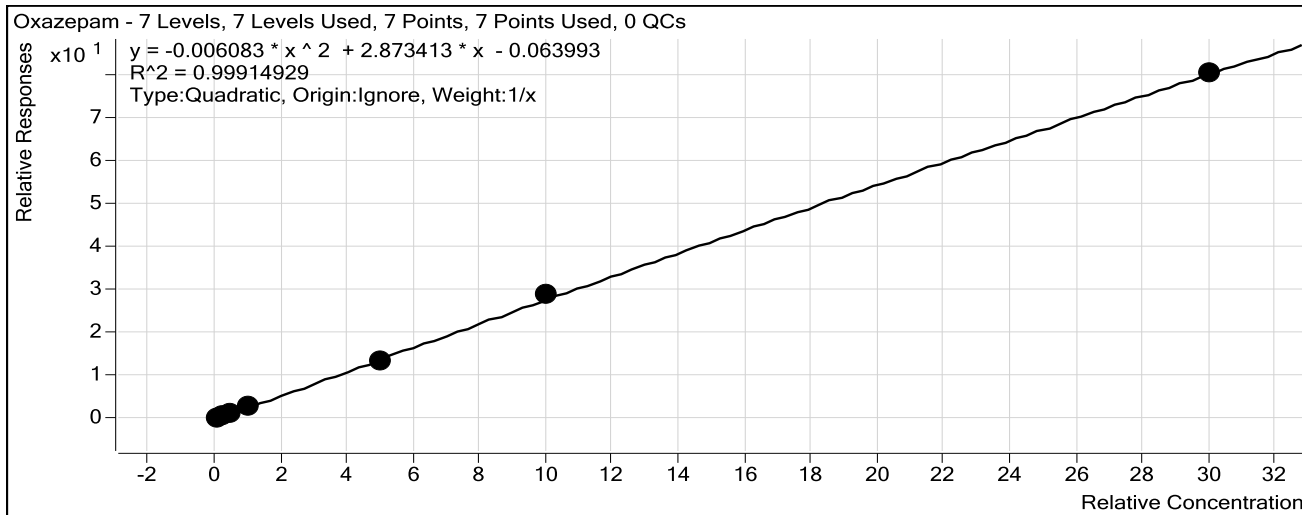
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	27.1	108.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.1	92.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.6	96.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	480.0	96.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1032.1	103.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2992.8	99.8

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Nordiazepam-D5 ISTD



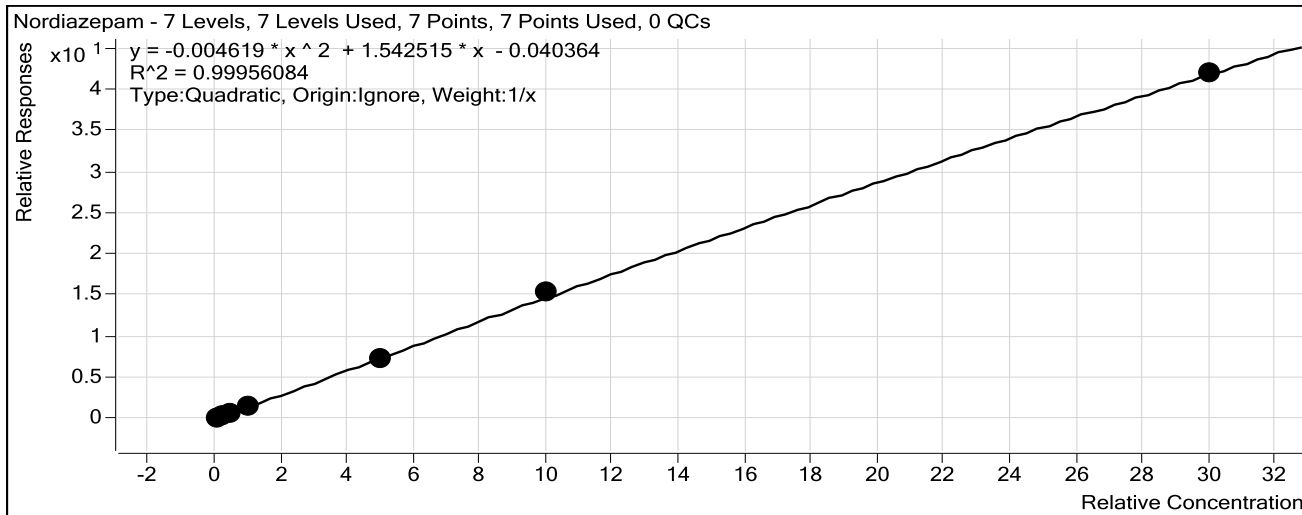
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	104.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.9	103.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.7	93.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.3	101.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	470.3	94.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1039.2	103.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2991.3	99.7

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5 ISTD



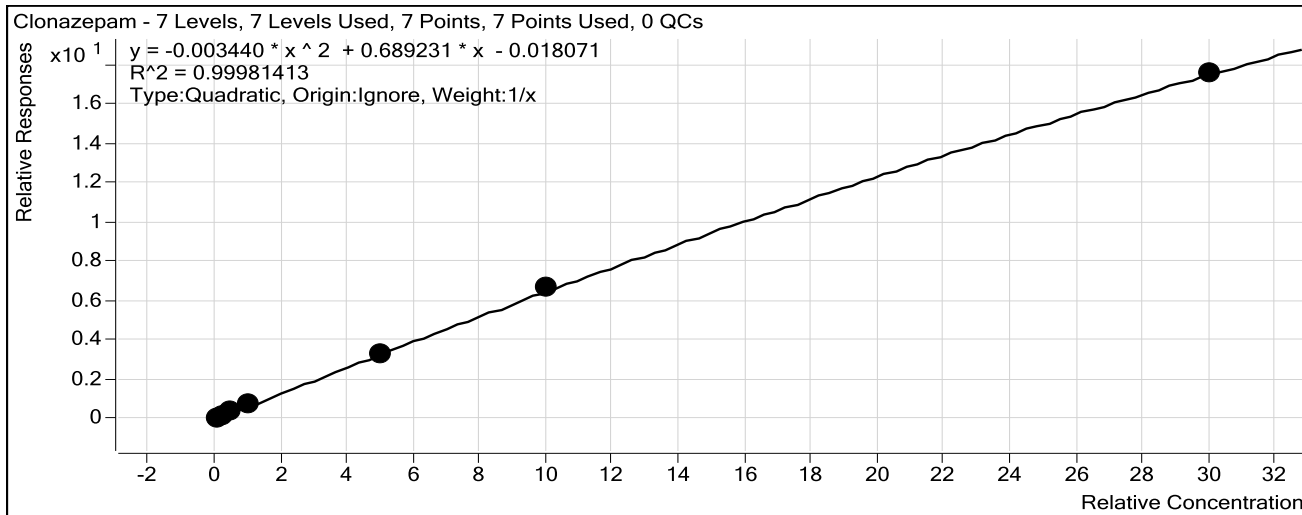
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.5	115.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.3	95.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	487.9	97.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1027.3	102.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2992.2	99.7

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



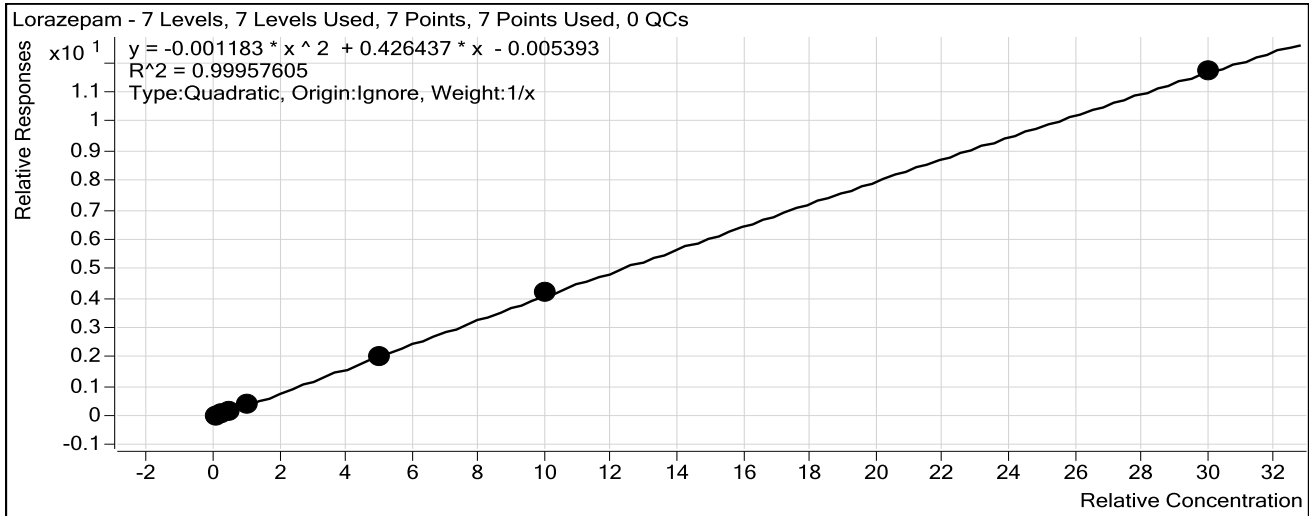
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.5	104.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.4	94.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.2	102.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	488.4	97.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1015.6	101.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.9	99.9

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Nordiazepam-D5 ISTD



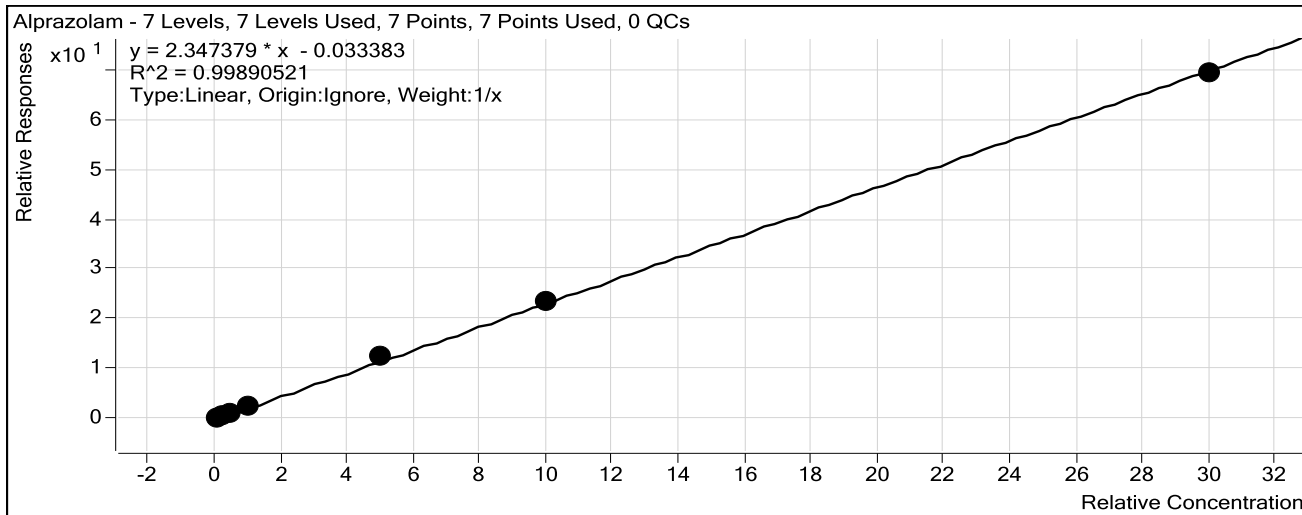
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.3	113.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.2	90.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.9	98.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.0	97.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.9	102.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.1	99.8

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard alphahydroxyalprazolam-D5 ISTD



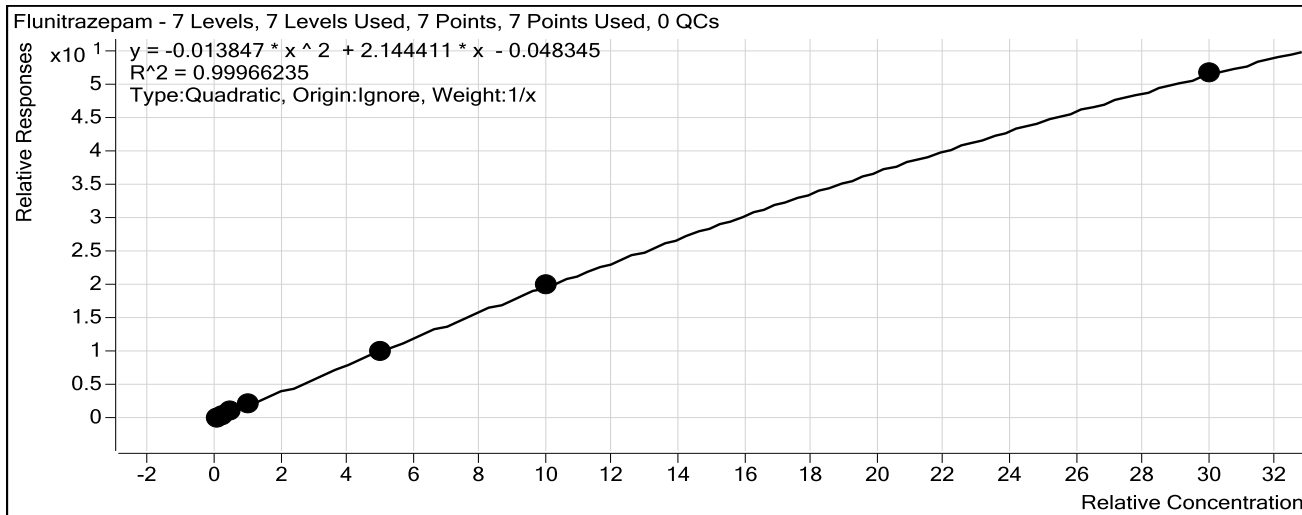
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	102.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.1	92.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.9	107.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	539.1	107.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.0	100.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2957.0	98.6

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 AM **Analyst Name** ISP TOX

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



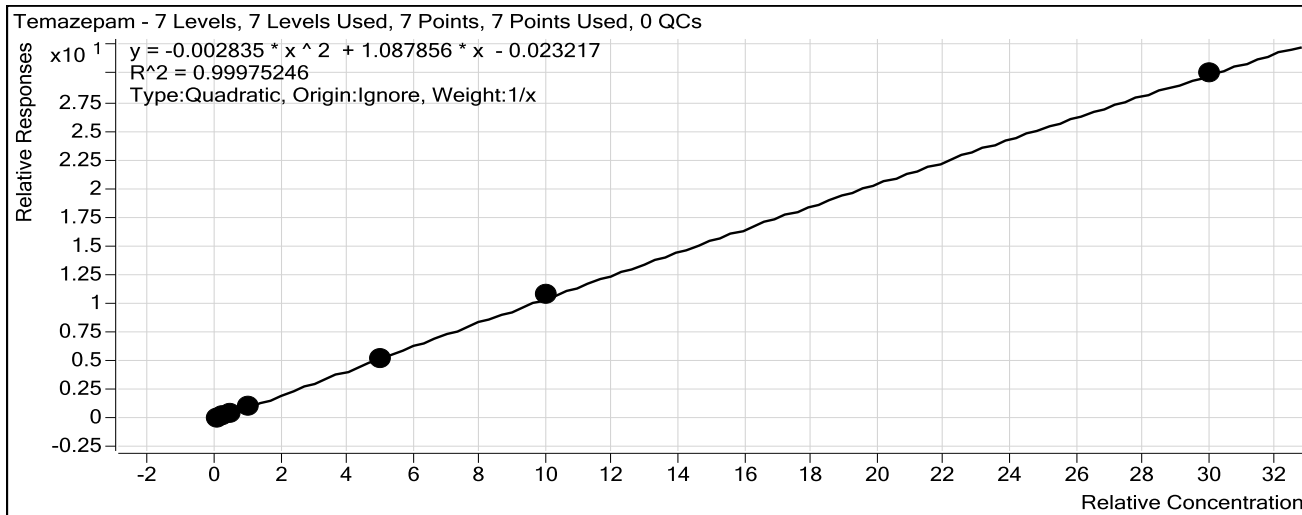
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	102.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	95.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.9	95.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.3	107.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.3	97.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1011.2	101.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.9	99.9

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

Last Calib Update 6/10/2016 11:21 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	10.6	105.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.0	95.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.3	101.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	484.8	97.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1020.5	102.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.2	99.8

ISP Forensics Calibration Curve Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin

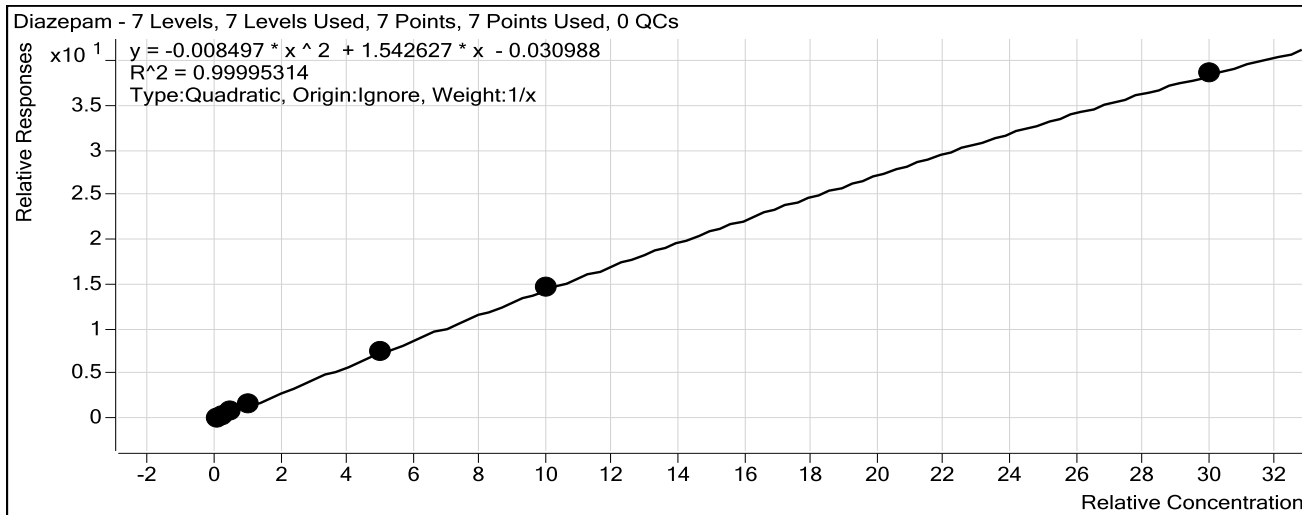
Last Calib Update 6/10/2016 11:21 AM

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	10.3	102.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	100.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.3	101.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.1	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1005.9	100.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.3	99.9

CS

ISP FORENSICS

Pocatello

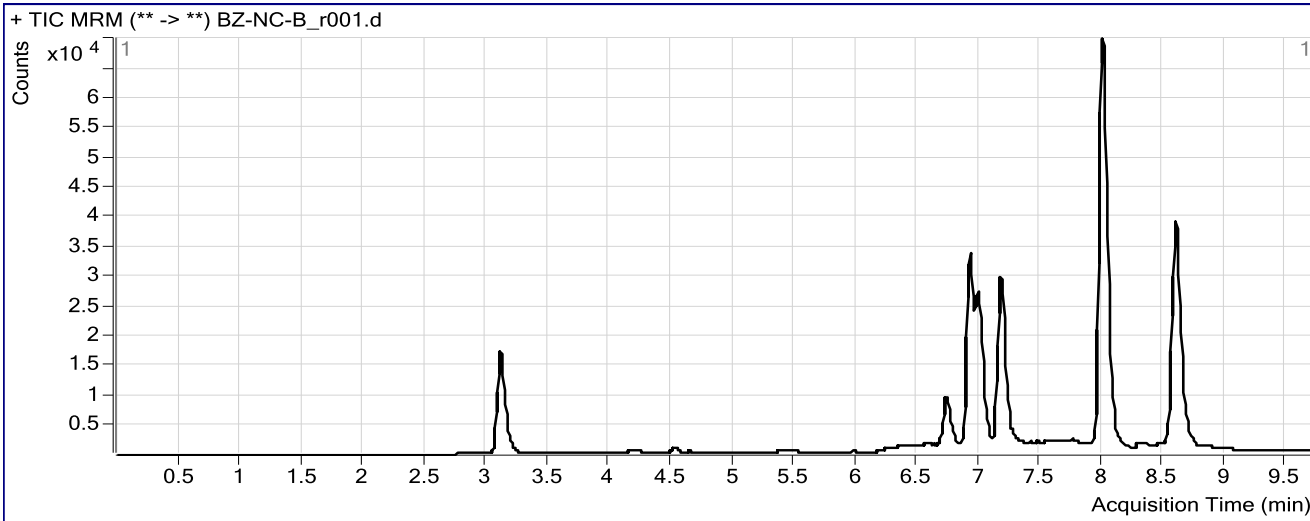
Benzodiazepine Analysis Report

Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin
Analysis Time 6/10/2016 11:21 AM **Analyst Name** ISPUser
Report Time 6/10/2016 11:56 AM **Reporter Name** ISPUser
Last Calib Update 6/10/2016 11:21 AM **Batch State** Processed

Analysis Info

Acq Time 2016-06-09 19:49 **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_2016.m
Position P1-E9 **Sample Info** UTAK Negative Whole Blood LOT B0689- B1013 CS
Inj Vol -1 **Comment** UTAK B1013

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
zolpidem	Nordiazepam-D5 ISTD	4.529	2760	47552	0.0580	0.0000
Flurazepam	Diazepam-D5 ISTD	5.972	1543	113548	0.0136	0.0000

CS

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

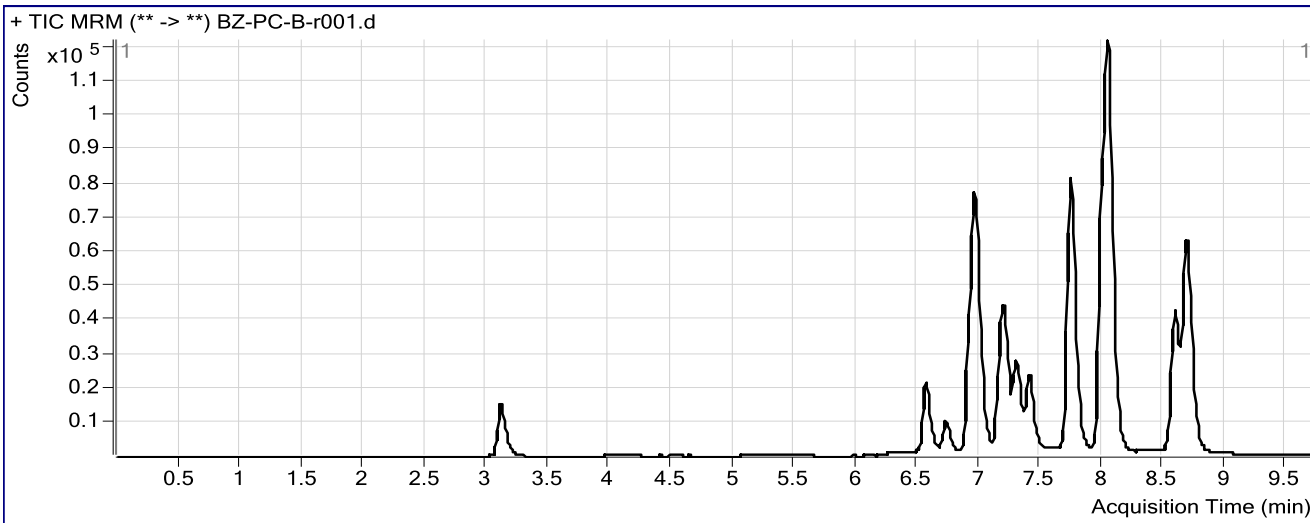
Batch Data Path I:\Pocatello\Abby\2016\Combined\060716 CS rerun\QuantResults\060916benz.batch.bin
Analysis Time 6/10/2016 11:21 AM **Analyst Name** ISPUser
Report Time 6/10/2016 11:56 AM **Reporter Name** ISPUser
Last Calib Update 6/10/2016 11:21 AM **Batch State** Processed

Analysis Info

Acq Time 2016-06-09 20:04 **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_2016.m
Position P1-E8 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0-B1013
Inj Vol -1 **Comment** UTAK B1013 + WS060716

CS

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
zolpidem	Nordiazepam-D5 ISTD	4.521	1632	47786	0.0342	0.0000
Nitrazepam	Clonazepam-D4 ISTD	6.564	53837	100983	0.5331	125.6522
Oxazepam	Nordiazepam-D5 ISTD	6.959	138990	47786	2.9086	103.6789
Clonazepam	Clonazepam-D4 ISTD	7.201	77440	100983	0.7669	114.5399
Lorazepam	Nordiazepam-D5 ISTD	7.292	21646	47786	0.4530	107.8103
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.405	81301	26149	3.1092	133.8763
Flunitrazepam	Clonazepam-D4 ISTD	7.732	261060	100983	2.5852	123.7985
Temazepam	Temazepam-D5 ISTD	8.045	371481	291472	1.2745	119.6644
Diazepam	Diazepam-D5 ISTD	8.683	209611	124195	1.6878	112.1088