




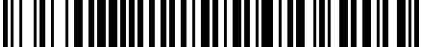


Worklist: 1062

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
M2015-4520	1	53712	6.1.1 Blood LCMS-QQQ Benzoc	
M2015-4571	1	53714	6.1.1 Blood LCMS-QQQ Benzoc	
M2015-4585	1	53716	6.1.1 Blood LCMS-QQQ Benzoc	
M2015-4696	1	53717	6.1.1 Blood LCMS-QQQ Benzoc	
M2015-4796	2	53731	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2846	1	53728	6.1.1 Blood LCMS-QQQ Benzoc	

Reviewed 3/31/16



Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 032816.wkl
Date Modified:	03/28/2016 02:48:43 PM
Date Printed:	03/28/2016 02:48:52 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\1-28-16 test
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.m	Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A2	Blood: 1_5 ng/mL	isp blood cannabinoids Poky 2016.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.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.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.m	B_CAL4_r001.d	Calibration	4	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @50ng/mL, all others @10 ng/mL
P2-A6	Blood: 25_125 ng/mL	isp blood cannabinoids Poky 2016.m	B_CAL5_r001.d	Calibration	5	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
							others @25 ng/mL
P2-A7	Blood: 50_250 ngmL	isp blood cannabinoids Poky 2016.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 ngmL	isp blood cannabinoids Poky 2016.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.m	Carryover blank1_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blood Negative Control	isp blood cannabinoids Poky 2016.m	B-NC-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Negative Blood UTAK Lot B0689
P2-B1	Blood 3_15ngmL	isp blood cannabinoids Poky 2016.m	B-3_15-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	c-THC @15ng/mL, all others @3 ng/mL
P2-A9	Blank M2015-4454-1	isp blood cannabinoids Poky 2016.m	M2015-4454-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	M2015-4454-1	isp blood cannabinoids Poky 2016.m	M2015-4454-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2744-1	isp blood cannabinoids Poky 2016.m	P2015-2744-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	P2015-2744-1	isp blood cannabinoids Poky 2016.m	P2015-2744-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-0303-1	isp blood cannabinoids Poky 2016.m	M2015-0303-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2015-0303-1	isp blood cannabinoids Poky 2016.m	M2015-0303-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4571-1	isp blood cannabinoids Poky 2016.m	M2015-4571-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2015-4571-1	isp blood cannabinoids Poky 2016.m	M2015-4571-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4696-1	isp blood cannabinoids Poky 2016.m	M2015-4696-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	M2015-4696-1	isp blood cannabinoids Poky 2016.m	M2015-4696-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	cann-Carryover blank2_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C3	Blood 25_125ngmL	isp blood cannabinoids Poky 2016.m	cann-B-25_125-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all others @25 ng/mL
P2-A9	Blank M2015-4752-1	isp blood cannabinoids Poky 2016.m	M2015-4752-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B7	M2015-4752-1	isp blood cannabinoids Poky 2016.m	M2015-4752-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 9
P2-A9	Blank M2015-4796-2	isp blood cannabinoids Poky 2016.m	M2015-4796-2_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B8	M2015-4796-2	isp blood cannabinoids Poky 2016.m	M2015-4796-2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4803-2	isp blood cannabinoids Poky 2016.m	M2015-4803-2_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B9	M2015-4803-2	isp blood cannabinoids Poky 2016.m	M2015-4803-2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2779-1	isp blood cannabinoids Poky 2016.m	P2015-2779-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C1	P2015-2779-1	isp blood cannabinoids Poky 2016.m	P2015-2779-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2788-1	isp blood cannabinoids Poky 2016.m	P2015-2788-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C2	P2015-2788-1	isp blood cannabinoids Poky 2016.m	P2015-2788-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2790-1	isp blood cannabinoids Poky 2016.m	P2015-2790-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C4	P2015-2790-1	isp blood cannabinoids Poky 2016.m	P2015-2790-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2818-1	isp blood cannabinoids Poky 2016.m	P2015-2818-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C5	P2015-2818-1	isp blood cannabinoids Poky 2016.m	P2015-2818-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2837-1	isp blood cannabinoids Poky 2016.m	P2015-2837-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-C6	P2015-2837-1	isp blood cannabinoids Poky 2016.m	P2015-2837-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	
P2-A9	Blank P2015-2845-1	isp blood cannabinoids Poky 2016.m	P2015-2845-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-C7	P2015-2845-1	isp blood cannabinoids Poky 2016.m	P2015-2845-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A1	Blank	isp blood cannabinoids Poky 2016.m	Blank3-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F8	5 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-5 ng/mL-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F7	10 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-10 ng/mL-r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ۹
P1-F6	25 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2015.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_2015.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_2015.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_2015.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_2015.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_2015.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_2015.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_2015.m	BZ-NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B0689
P1-E8	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-PC-B-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0130
P1-E9	Blank - M2015-4520-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4520-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E7	M2015-4520-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4520-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015-4571-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4571-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	M2015-4571-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4571-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015-4585-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4585-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	M2015-4585-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4585-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015-4696-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4696-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E4	M2015-4696-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4696-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015-4796-2	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4796-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	M2015-4796-2	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4796-2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2846-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2846-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2		Benzos_Z_Drugs_ACN_FA_ISP_2015.m		Sample			Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
	P2015-2846-1		BZ-P2015-2846-1-r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2015.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 C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

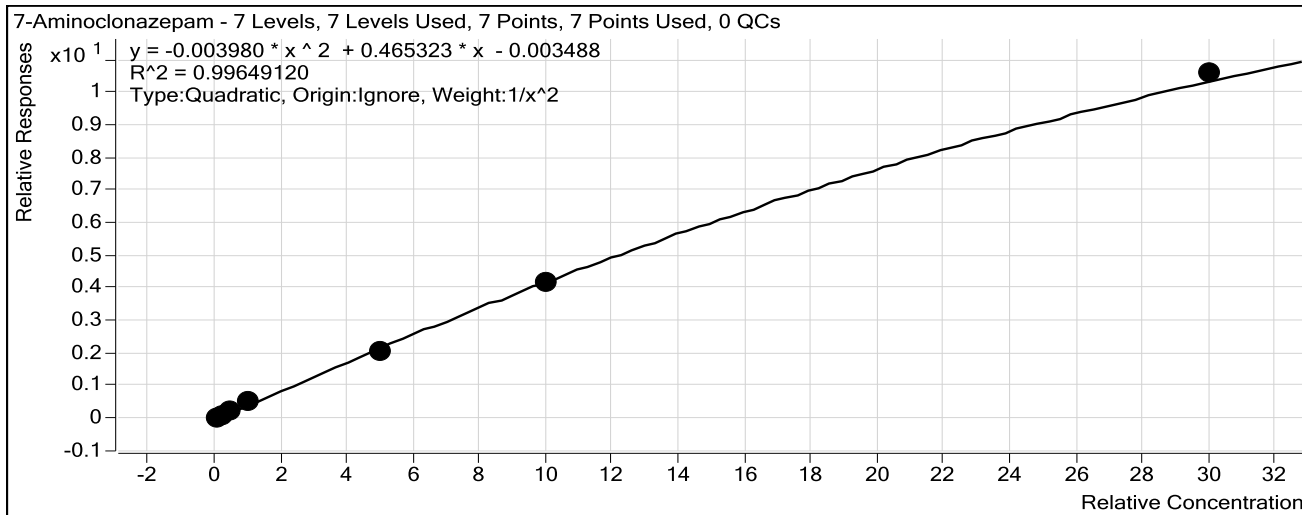
Last Calib Update 3/30/2016 2:55 PM

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	10.0	100.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.3	100.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.0	109.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	464.0	92.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	977.2	97.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3090.7	103.0

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

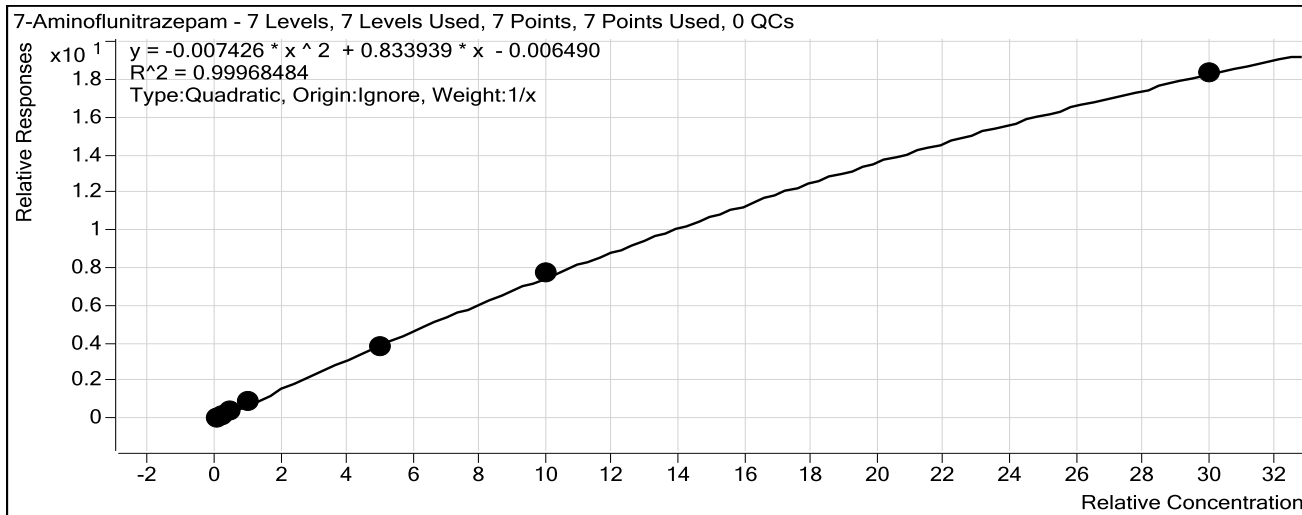
Last Calib Update 3/30/2016 2:55 PM

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	10.0	99.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.7	97.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.9	105.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	484.7	96.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.0	101.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.4	99.9

ISP Forensics Calibration Curve Report

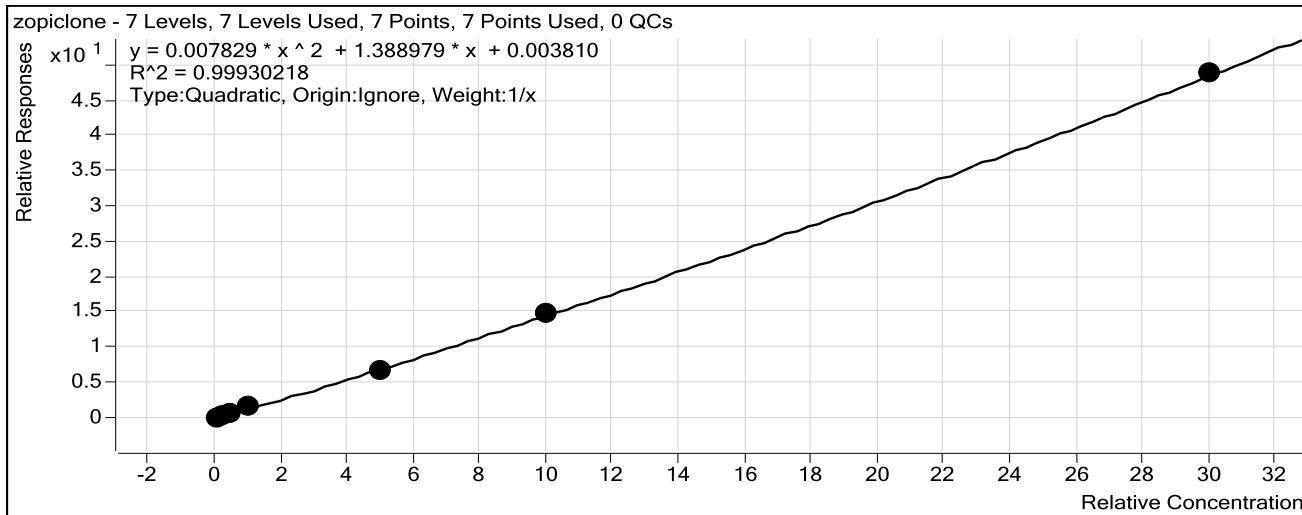
Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

Last Calib Update 3/30/2016 2:55 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	9.0	89.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.7	103.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	116.9	116.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	481.7	96.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1000.7	100.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.8	100.1

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

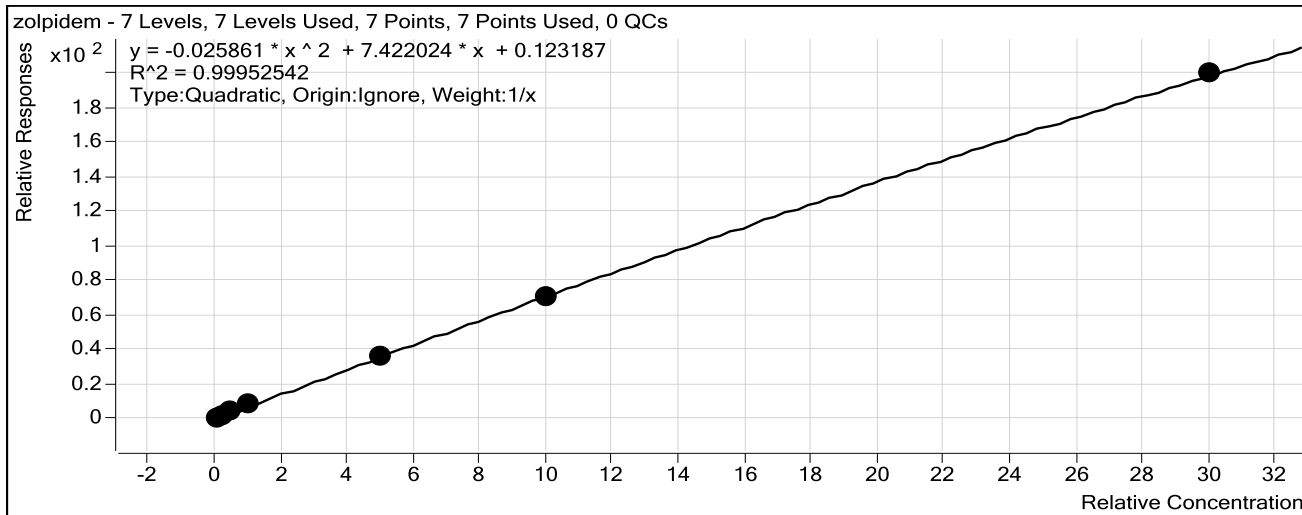
Last Calib Update 3/30/2016 2:55 PM

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	8.8	88.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.7	105.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	111.4	111.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	491.2	98.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	992.4	99.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3004.2	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

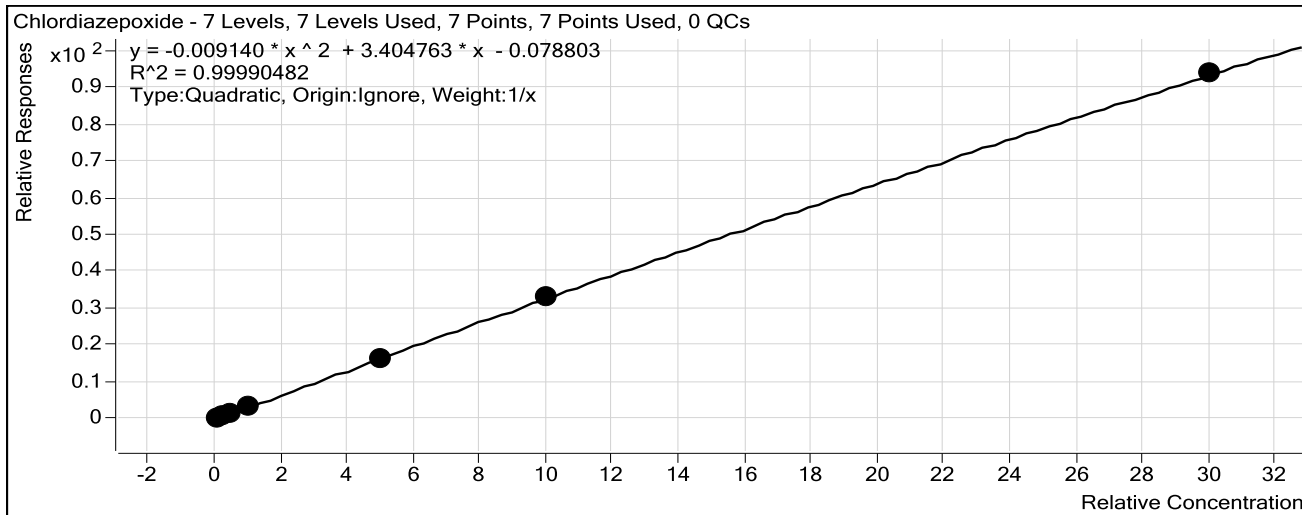
Last Calib Update 3/30/2016 2:55 PM

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	10.6	106.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.4	96.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.0	103.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	493.8	98.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1007.0	100.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.5	99.9

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

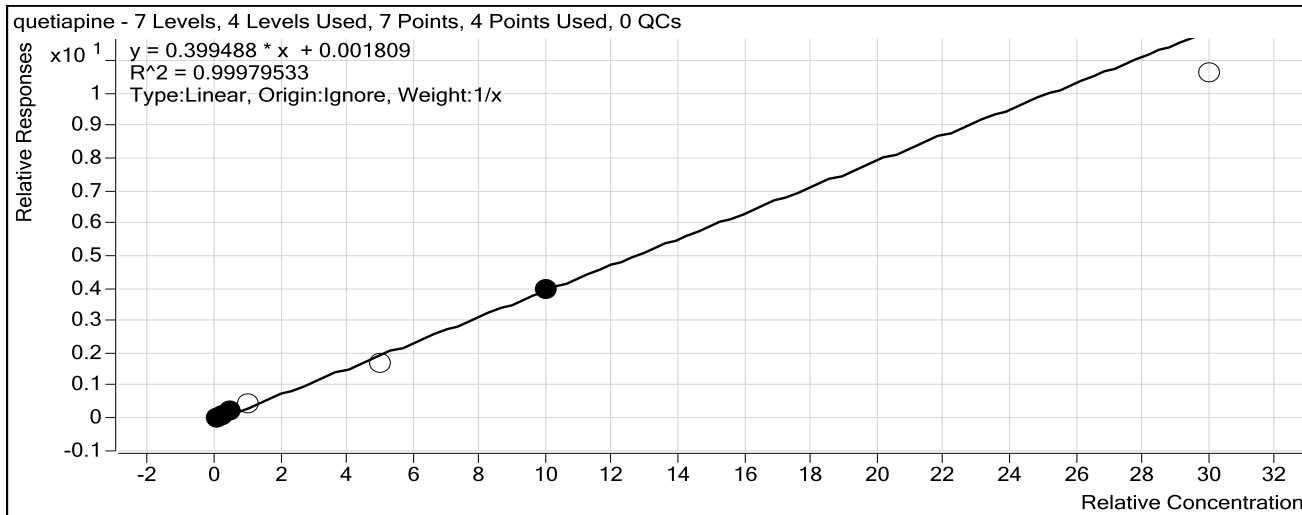
Last Calib Update 3/30/2016 2:55 PM

Analyst Name

ISP TOX

Target Compound *quetiapine*

Internal Standard *Temazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	9.5	94.8
25 ngmL	3	<input checked="" type="checkbox"/>	25	24.9	99.6
50 ngmL	4	<input checked="" type="checkbox"/>	50	52.9	105.8
100 ngmL	5	<input type="checkbox"/>	100	106.7	106.7
500 ngmL	6	<input type="checkbox"/>	500	429.0	85.8
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	997.7	99.8
3000 ngmL	8	<input type="checkbox"/>	3000	2652.8	88.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

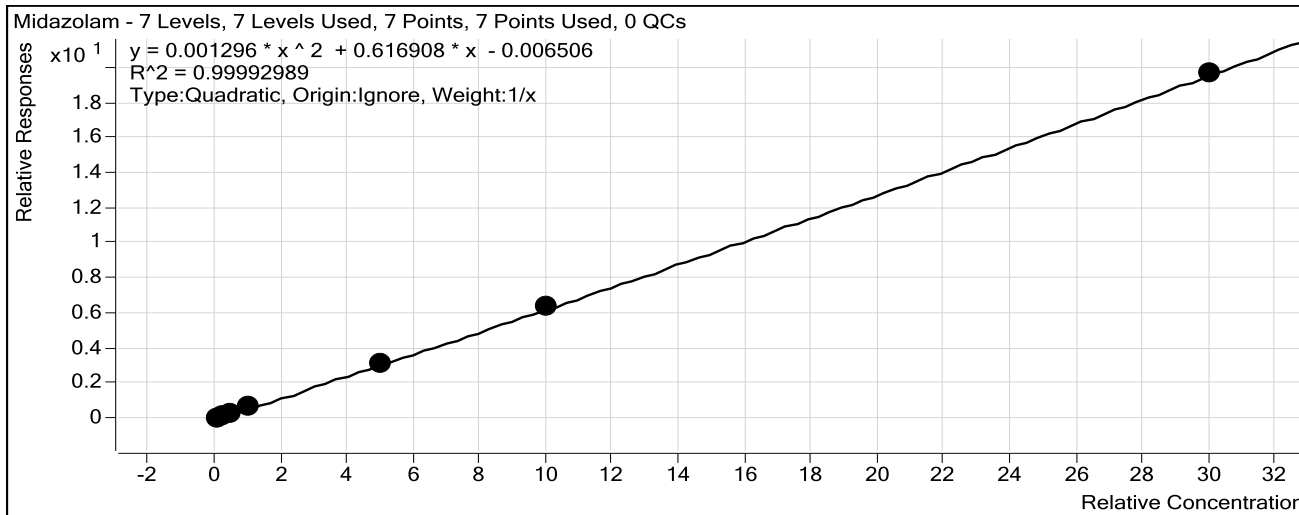
Last Calib Update 3/30/2016 2:55 PM

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	10.2	102.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.2	100.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.4	103.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	492.3	98.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1005.9	100.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.3	100.0

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

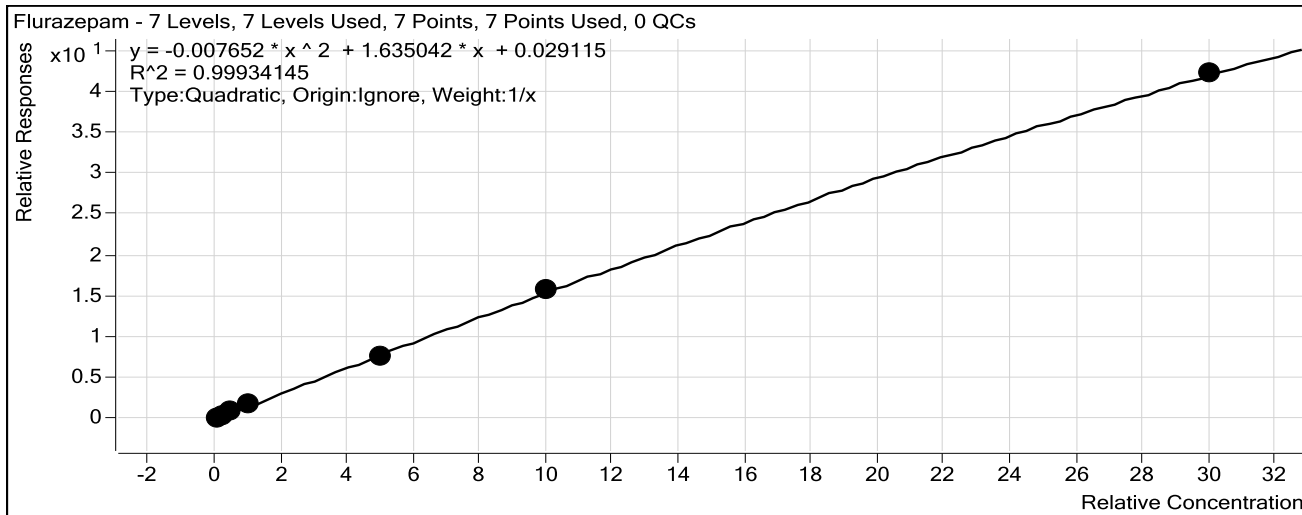
Last Calib Update 3/30/2016 2:55 PM

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	8.6	86.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.8	99.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.2	106.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	111.6	111.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	481.9	96.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.8	100.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.2	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

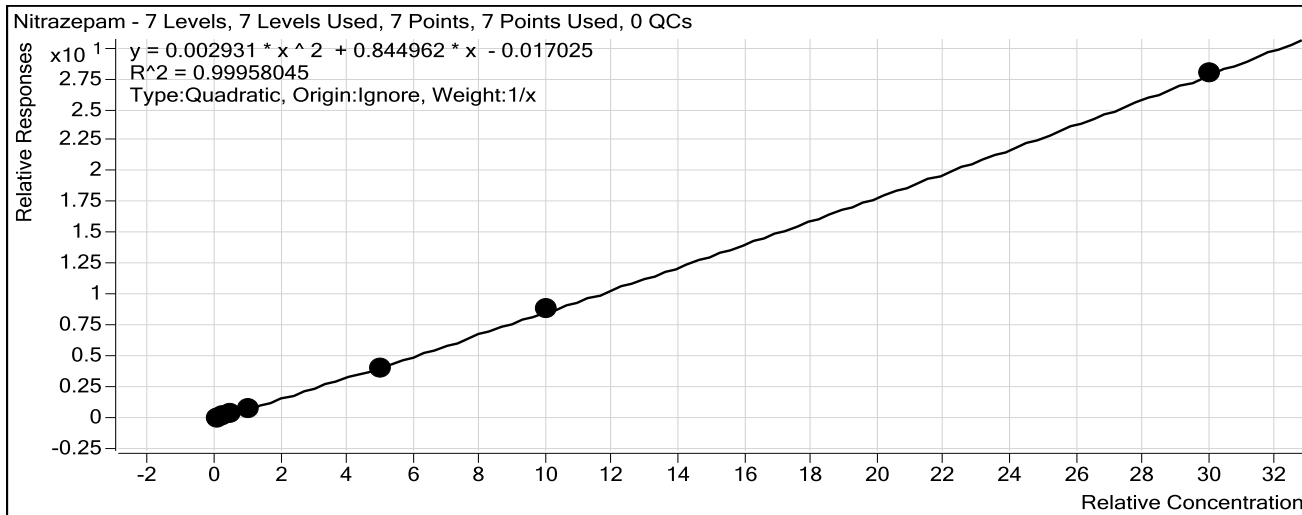
Last Calib Update 3/30/2016 2:55 PM

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	10.6	105.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	95.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.6	97.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.2	103.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	476.9	95.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1026.1	102.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.5	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

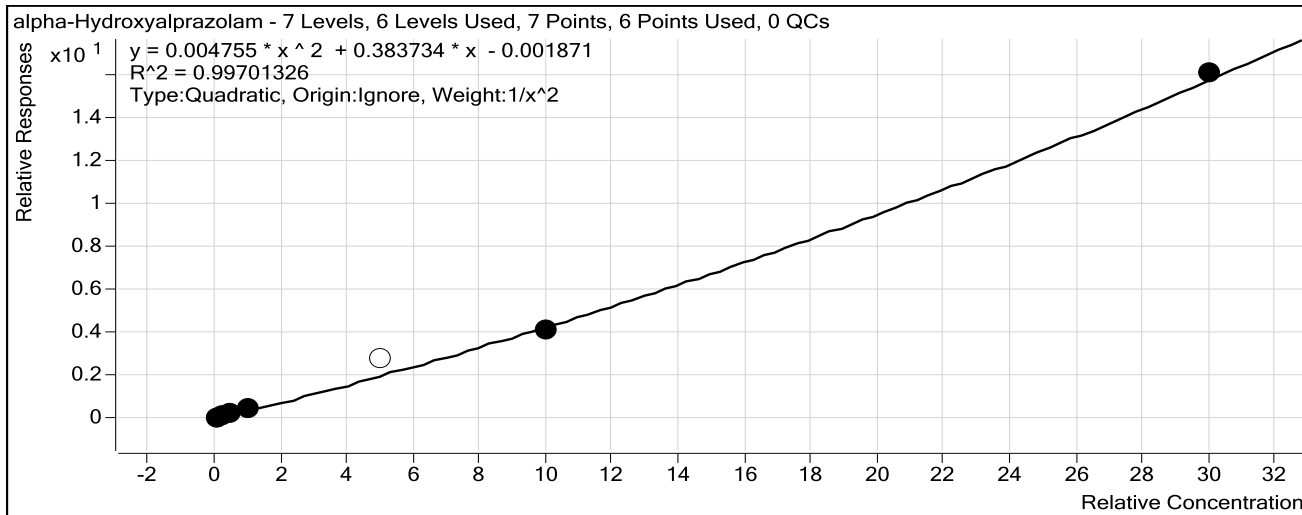
Last Calib Update 3/30/2016 2:55 PM

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	9.9	99.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.8	103.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.4	94.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.3	107.3
500 ng/mL	6	<input type="checkbox"/>	500	654.1	130.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	947.5	94.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3034.1	101.1

ISP Forensics Calibration Curve Report

19

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

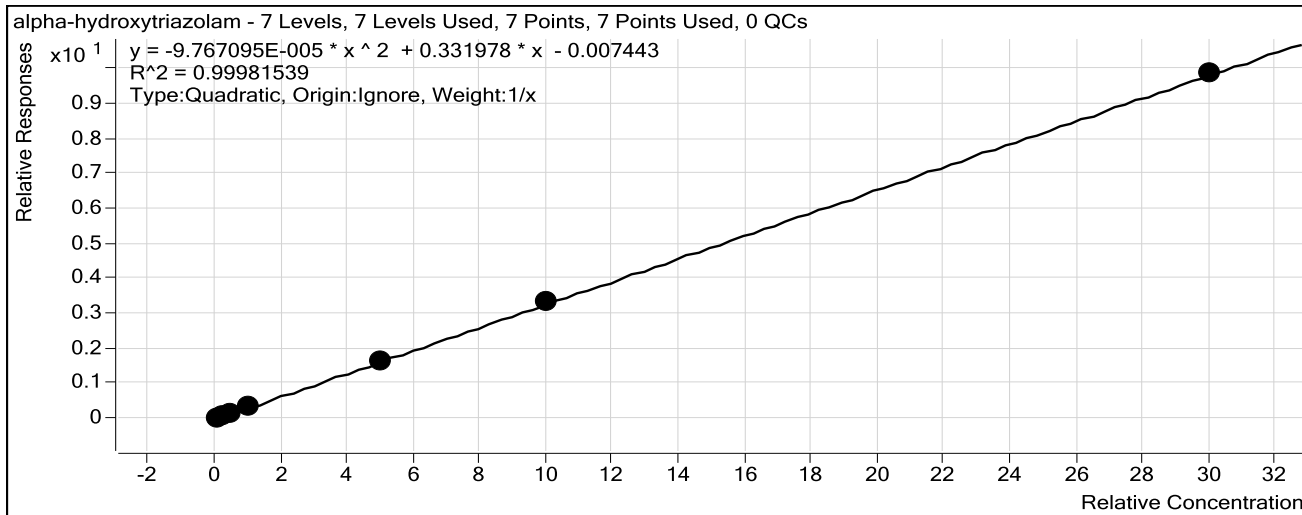
Last Calib Update 3/30/2016 2:55 PM

Analyst Name

ISP TOX

Target Compound *alpha-hydroxytriazolam*

Internal Standard *Nordiazepam-D5 ISTD*



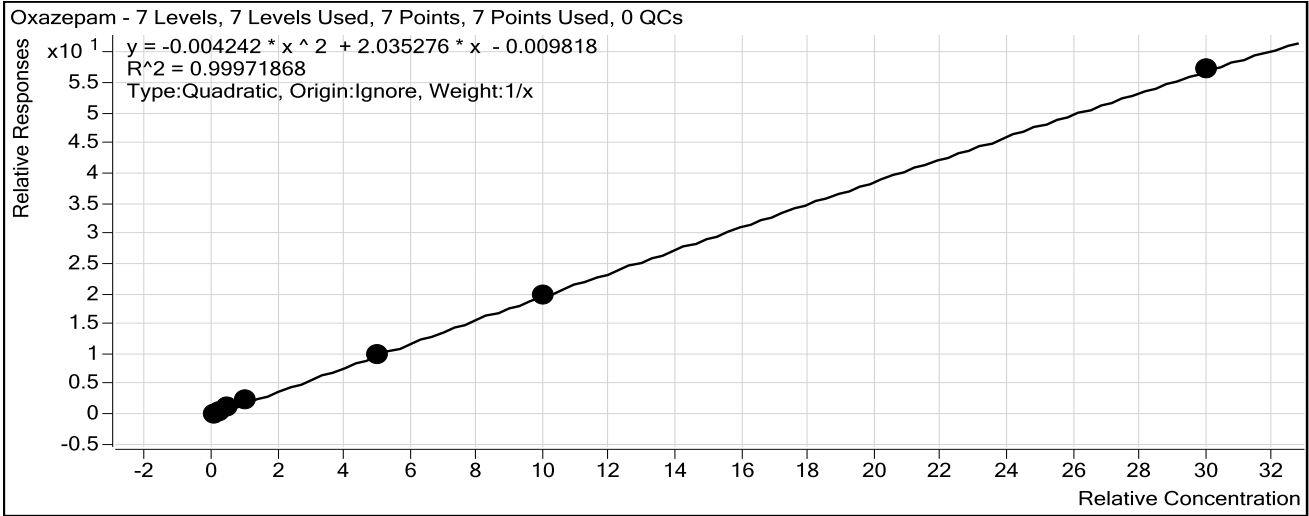
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.1	111.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.1	88.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.5	104.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.2	99.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1004.7	100.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.1	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

Last Calib Update 3/30/2016 2:55 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	9.7	97.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.8	101.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.3	109.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	491.2	98.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.9	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.7	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

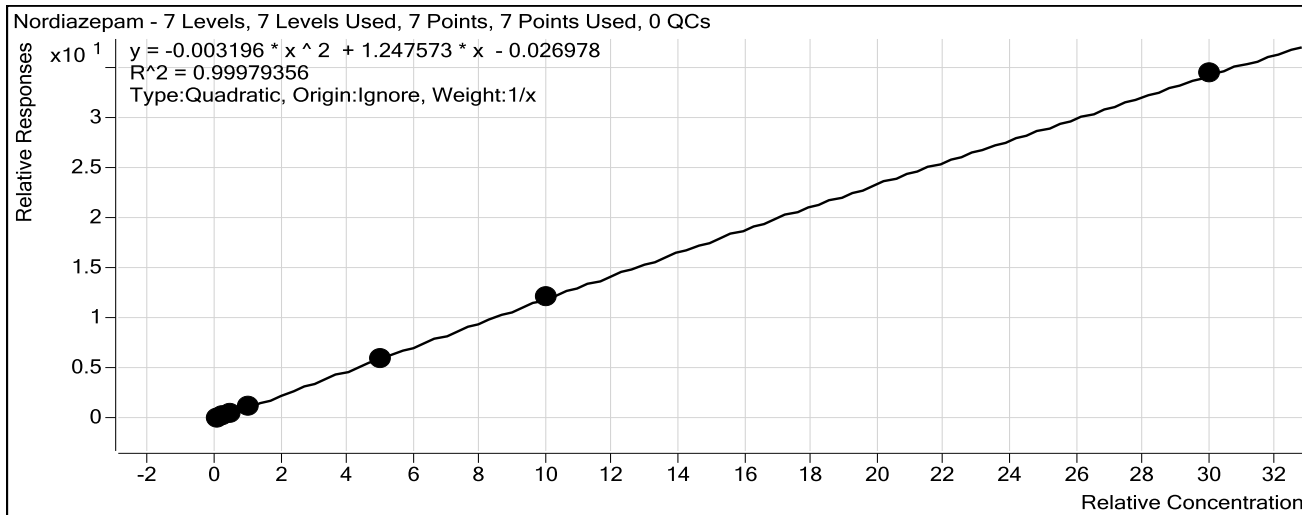
Last Calib Update 3/30/2016 2:55 PM

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	104.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.0	98.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.1	107.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	494.2	98.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1000.9	100.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.5	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

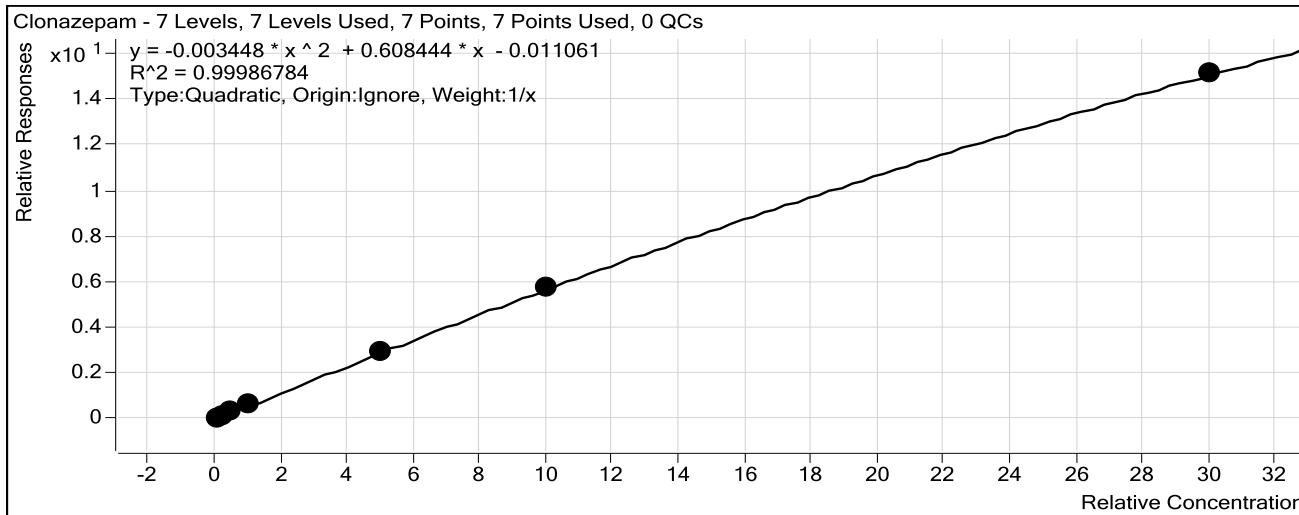
Last Calib Update 3/30/2016 2:55 PM

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	10.3	103.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.8	91.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.0	102.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.4	104.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.3	99.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1000.6	100.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.6	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

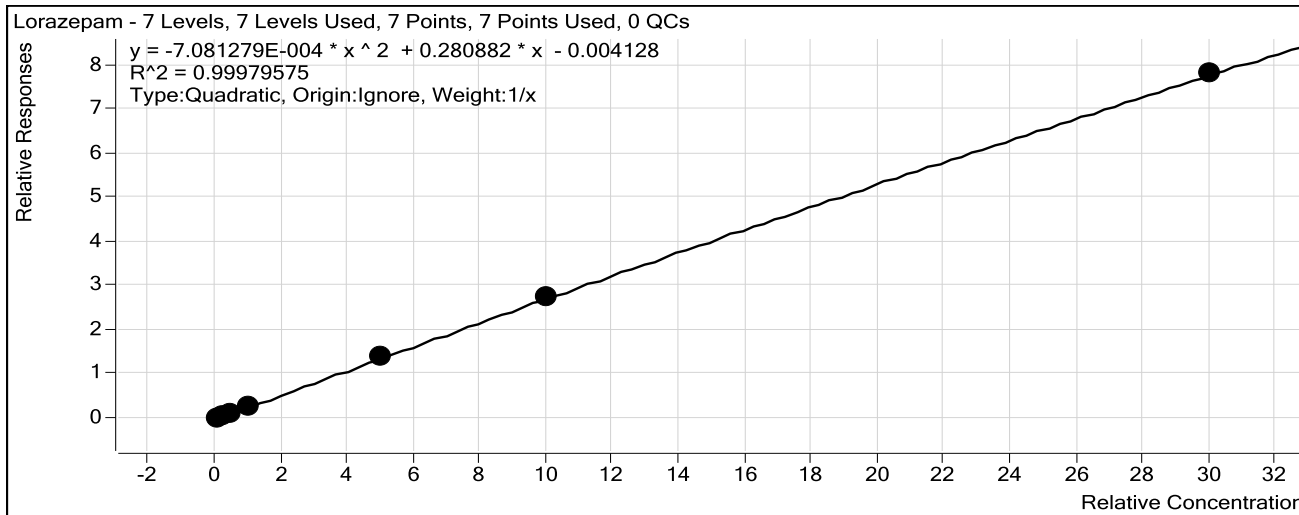
Last Calib Update 3/30/2016 2:55 PM

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	10.2	102.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.9	95.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.8	107.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	498.0	99.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.7	99.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.8	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

Last Calib Update 3/30/2016 2:55 PM

Analyst Name

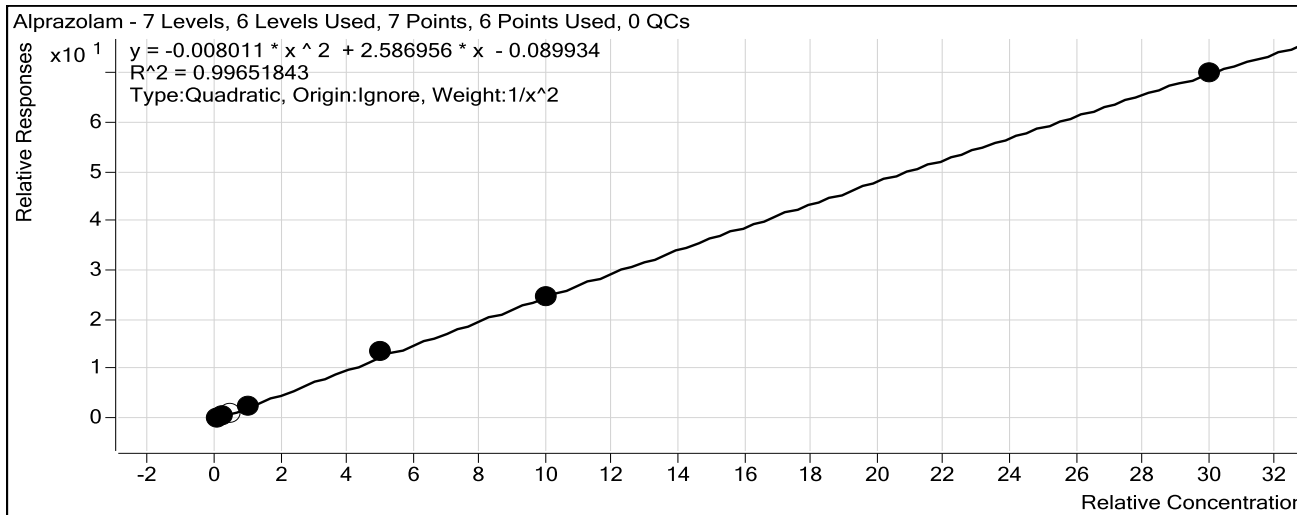
ISP TOX

Target Compound

Alprazolam

Internal Standard

alphahydroxyalprazolam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	103.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.8	91.0
50 ng/mL	4	<input type="checkbox"/>	50	46.5	93.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.2	102.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	528.9	105.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	982.3	98.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2985.8	99.5

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

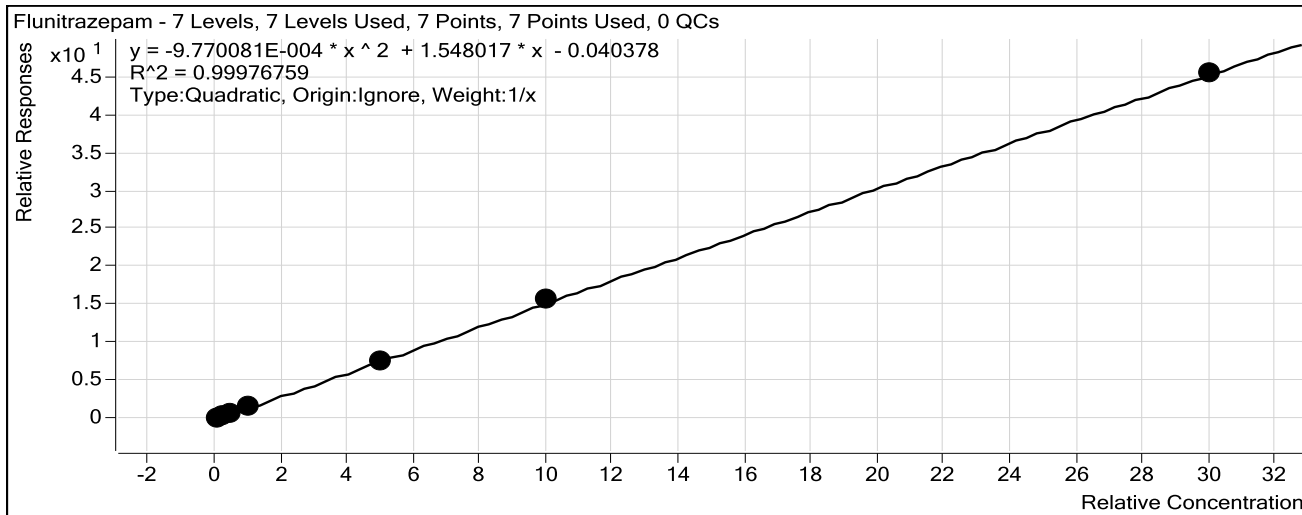
Last Calib Update 3/30/2016 2:55 PM

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	11.0	109.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.2	101.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.5	97.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1019.0	101.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2995.8	99.9

ISP Forensics Calibration Curve Report

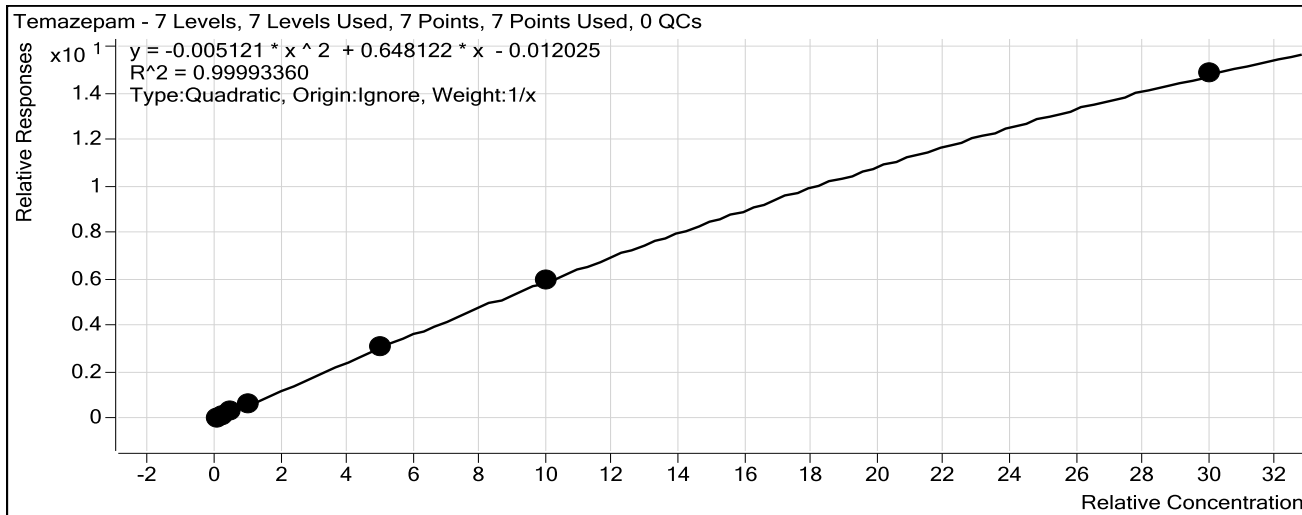
Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

Last Calib Update 3/30/2016 2:55 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	10.3	103.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.3	98.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.9	102.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	502.4	100.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.5	99.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3002.1	100.1

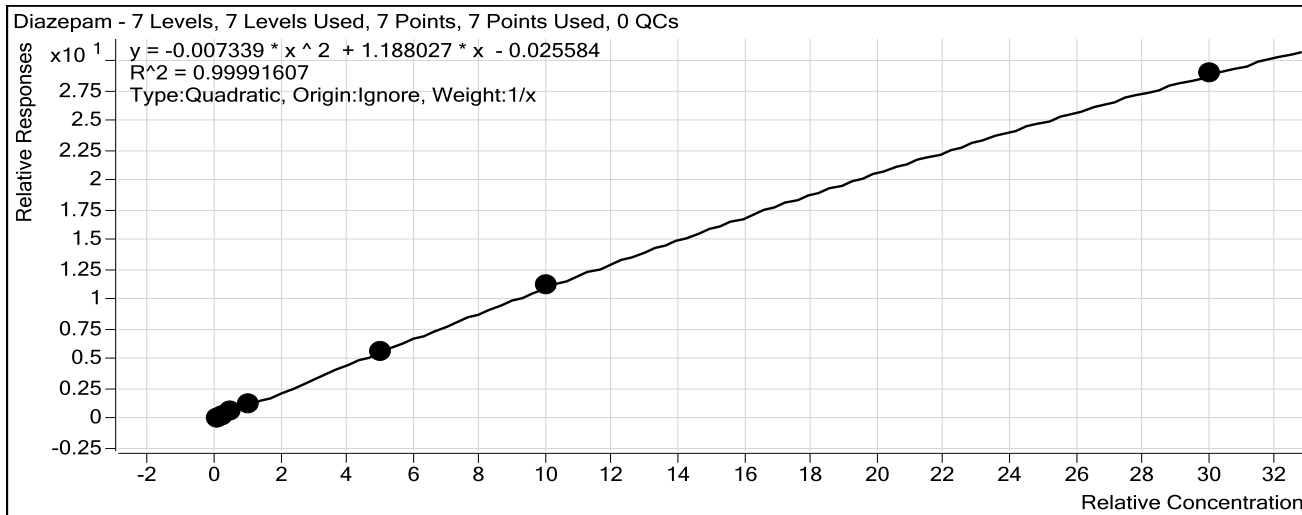
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin

Last Calib Update 3/30/2016 2:55 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.5	105.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.7	97.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.2	103.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	495.6	99.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1004.3	100.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.0	100.0

ISP FORENSICS

Pocatello

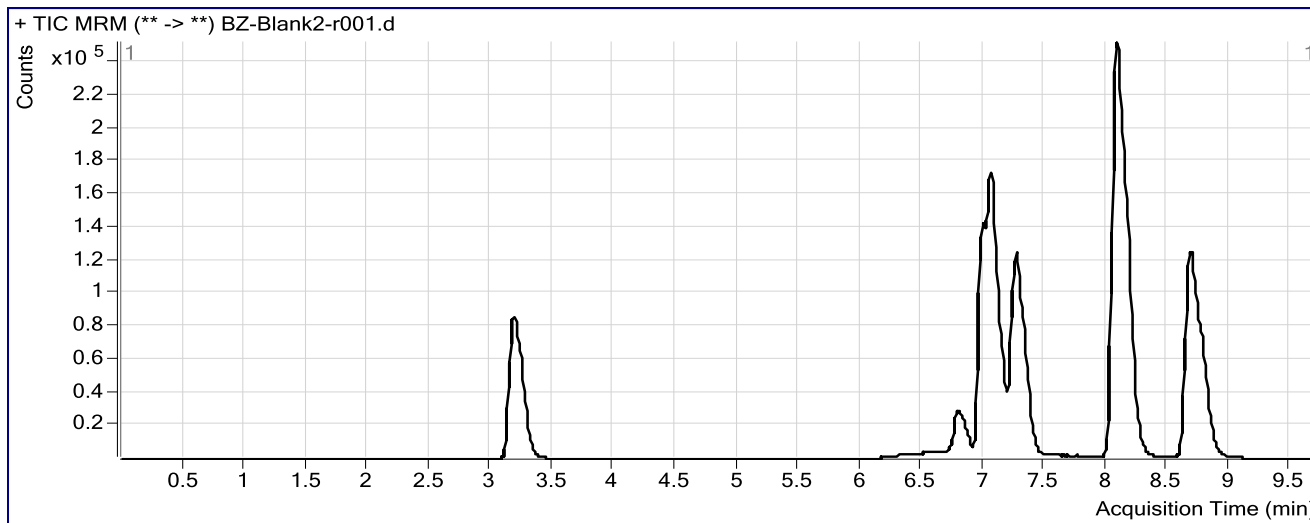
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin		
Analysis Time	3/30/2016 2:55 PM	Analyst Name	ISPUser
Report Time	3/30/2016 2:57 PM	Reporter Name	ISPUser
Last Calib Update	3/30/2016 2:55 PM	Batch State	Processed

Analysis Info

Acq Time	2016-03-29 00:39	Data File	BZ-Blank2-r001.d
Sample Type	Blank	Sample Name	Blank
Dilution	1	Acq Method	Benzos_Z_Drugs_ACN_FA_ISP_2015.m
Position	P1-F9	Sample Info	Blood
Inj Vol	-1	Comment	AM 6.1.2 Cannabinoids by LCQQQ

Sample Chromatogram



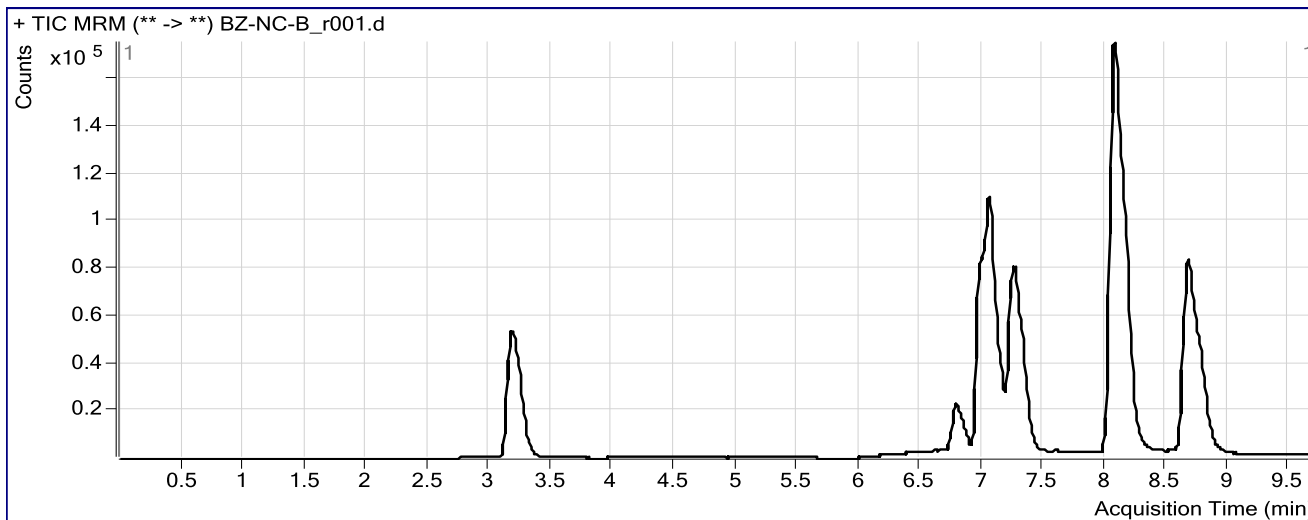
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin
Analysis Time 3/30/2016 2:55 PM **Analyst Name** ISPUser
Report Time 3/30/2016 2:58 PM **Reporter Name** ISPUser
Last Calib Update 3/30/2016 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-29 03:16 **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_2015.m
Position P1-E9 **Sample Info** UTAK Negative Whole Blood LOT B0689
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
zolpidem	Nordiazepam-D5 ISTD	4.560	2153	234944	0.0092	0.0000
Flurazepam	Diazepam-D5 ISTD	6.039	1656	399657	0.0041	0.0000

CS

ISP FORENSICS

Pocatello

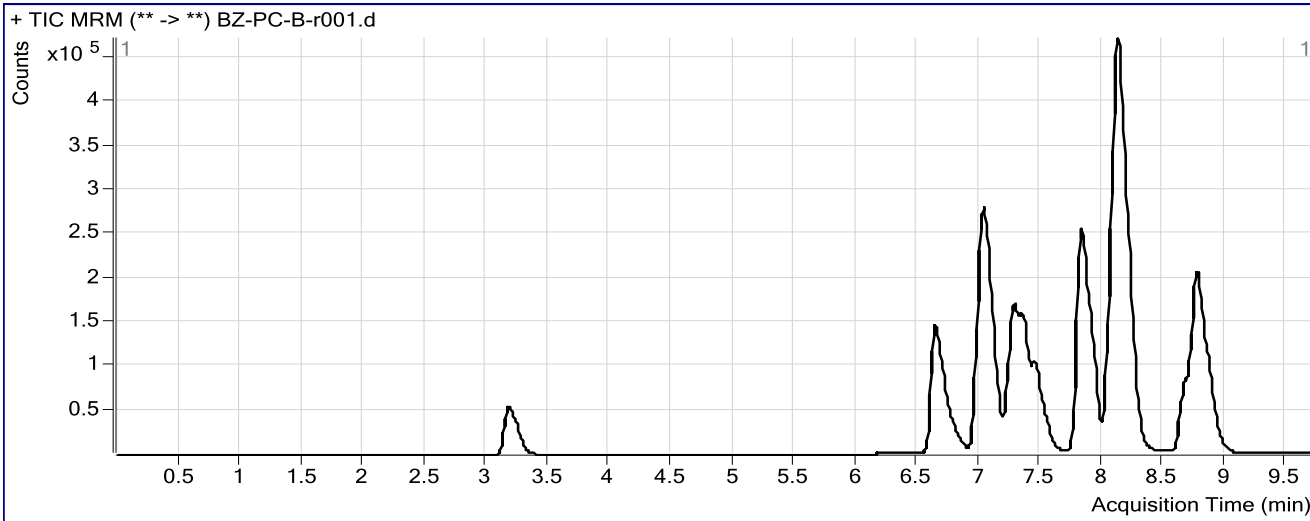
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin
Analysis Time 3/30/2016 2:55 PM **Analyst Name** ISPUser
Report Time 3/30/2016 2:58 PM **Reporter Name** ISPUser
Last Calib Update 3/30/2016 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-29 03:31 **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_2015.m
Position P1-E8 **Sample Info** 200 ng/mL Benzodiazepines Mix Cerilliant lot FE012413-02 in neg LOT B0
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
zolpidem	Nordiazepam-D5 ISTD	4.560	1723	220356	0.0078	0.0000
Nitrazepam	Clonazepam-D4 ISTD	6.640	664373	439739	1.5108	179.6997
Oxazepam	Nordiazepam-D5 ISTD	7.026	838340	220356	3.8045	188.1470
Nordiazepam	Nordiazepam-D5 ISTD	7.045	0	220356	0.0000	0.0000
Clonazepam	Clonazepam-D4 ISTD	7.285	534293	439739	1.2150	203.8663
Lorazepam	Nordiazepam-D5 ISTD	7.360	109351	220356	0.4962	178.9519
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.463	511345	101419	5.0419	199.6067
Flunitrazepam	Clonazepam-D4 ISTD	7.823	1437241	439739	3.2684	214.0319
Temazepam	Temazepam-D5 ISTD	8.121	1715568	1229758	1.3950	220.9570
Diazepam	Diazepam-D5 ISTD	8.766	1052600	373590	2.8175	242.9605

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\032816 CS\QuantResults\032816 BENZ.batch.bin
Analysis Time 3/30/2016 2:55 PM **Analyst Name** ISPUser
Report Time 3/30/2016 2:59 PM **Reporter Name** ISPUser
Last Calib Update 3/30/2016 2:55 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-29 09:41 **Data File** BZ-Carryover blank3_r001.d
Sample Type Blank **Sample Name** Blank
Dilution 1 **Acq Method** Benzos_Z_Drugs_ACN_FA_ISP_2015.m
Position P1-F9 **Sample Info**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram

