








Worklist: 1037

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2015-2130	1	52308	6.1.1 Blood LCMS-QQQ Benzoc	
C2015-2204	1	52311	6.1.1 Blood LCMS-QQQ Benzoc	
M2015-4411	1	52313	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2686	1	52316	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2705	1	52319	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2724	1	52320	6.1.1 Blood LCMS-QQQ Benzoc	
P2015-2728	1	52323	6.1.1 Blood LCMS-QQQ Benzoc	

reviewed 3/11/16



Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 030416.wkl
Date Modified:	03/04/2016 02:37:38 PM
Date Printed:	03/04/2016 02:37:48 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 C2015-2142-1	isp blood cannabinoids Poky 2016.m	C2015-2142-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	C2015-2142-1	isp blood cannabinoids Poky 2016.m	C2015-2142-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank C2015-2203-2	isp blood cannabinoids Poky 2016.m	C2015-2203-2_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	C2015-2203-2	isp blood cannabinoids Poky 2016.m	C2015-2203-2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank C2015-2204-1	isp blood cannabinoids Poky 2016.m	C2015-2204-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	C2015-2204-1	isp blood cannabinoids Poky 2016.m	C2015-2204-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4429-1	isp blood cannabinoids Poky 2016.m	M2015-4429-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2015-4429-1	isp blood cannabinoids Poky 2016.m	M2015-4429-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
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-B6	M2015-4454-1	isp blood cannabinoids Poky 2016.m	M2015-4454-1-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 P2015-2686-1	isp blood cannabinoids Poky 2016.m	P2015-2686-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B7	P2015-2686-1	isp blood cannabinoids Poky 2016.m	P2015-2686-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ۞
P2-A9	Blank P2015-2693-1	isp blood cannabinoids Poky 2016.m	P2015-2693-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B8	P2015-2693-1	isp blood cannabinoids Poky 2016.m	P2015-2693-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2725-1	isp blood cannabinoids Poky 2016.m	P2015-2725-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B9	P2015-2725-1	isp blood cannabinoids Poky 2016.m	P2015-2725-1-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-C1	P2015-2744-1	isp blood cannabinoids Poky 2016.m	P2015-2744-1-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	
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Blank1-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-F9	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-F8	5 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-5 ngmL-r001.d	Calibration	1	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F7	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2015.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_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		Benzos_Z_Drugs_ACN_FA_ISP_2015.m		Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. 
	Blank - C2015-2130-1		BZ-Carryover blank-C2015-2130-1_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-E7	C2015-2130-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-C2015-2130-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - C2015-2204-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-C2015-2204-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	C2015-2204-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-C2015-2204-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015-4411-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015-4411-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	M2015-4411-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4411-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2686-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2686-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E4	P2015-2686-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2686-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2705-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2705-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	P2015-2705-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2705-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2724-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2724-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2	P2015-2724-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2724-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2728-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2728-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E1	P2015-2728-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2728-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
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\030416 CS\QuantResults\030416 BENZ.batch.bin

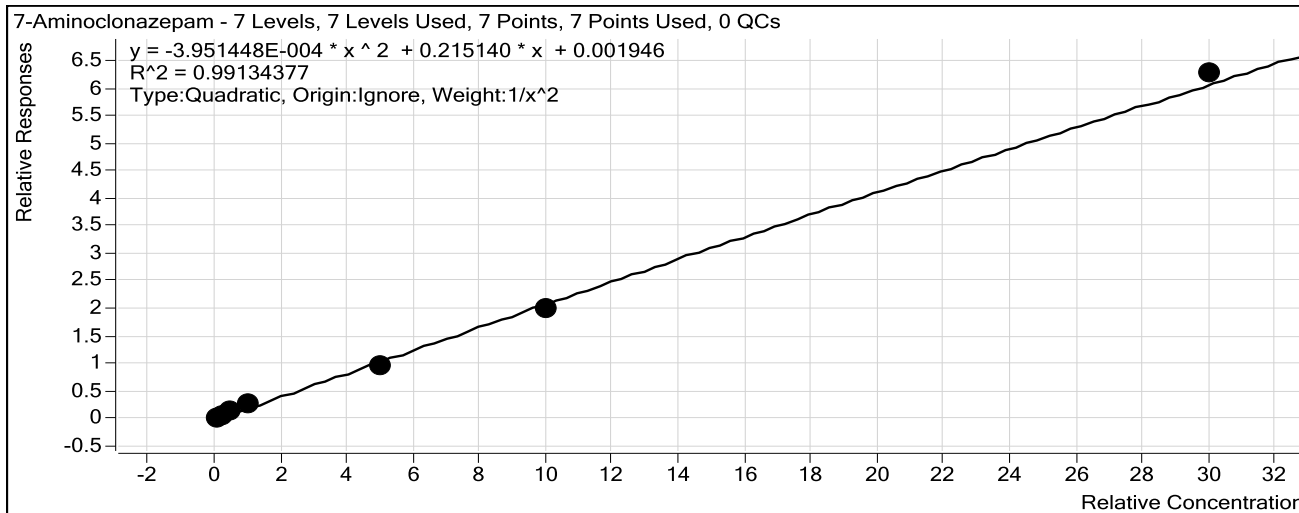
Last Calib Update 3/8/2016 4:02 PM

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	10.1	101.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.0	91.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.3	104.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	113.5	113.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	453.3	90.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	952.2	95.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3087.9	102.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

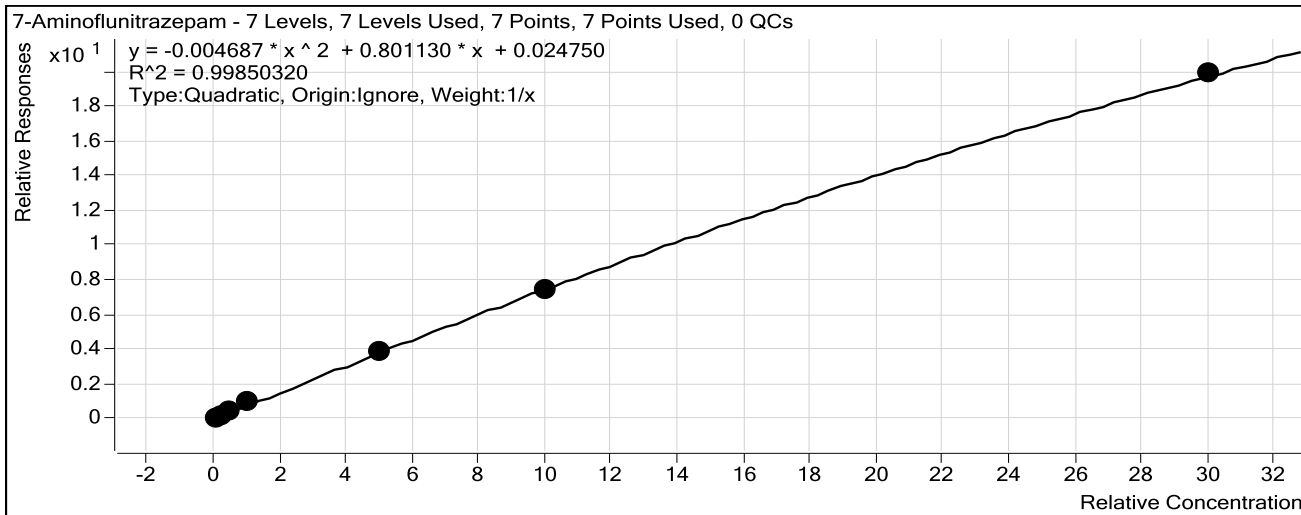
Last Calib Update 3/8/2016 4:02 PM

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	8.4	84.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.8	91.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.4	108.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	119.2	119.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	493.9	98.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	976.0	97.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3011.3	100.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

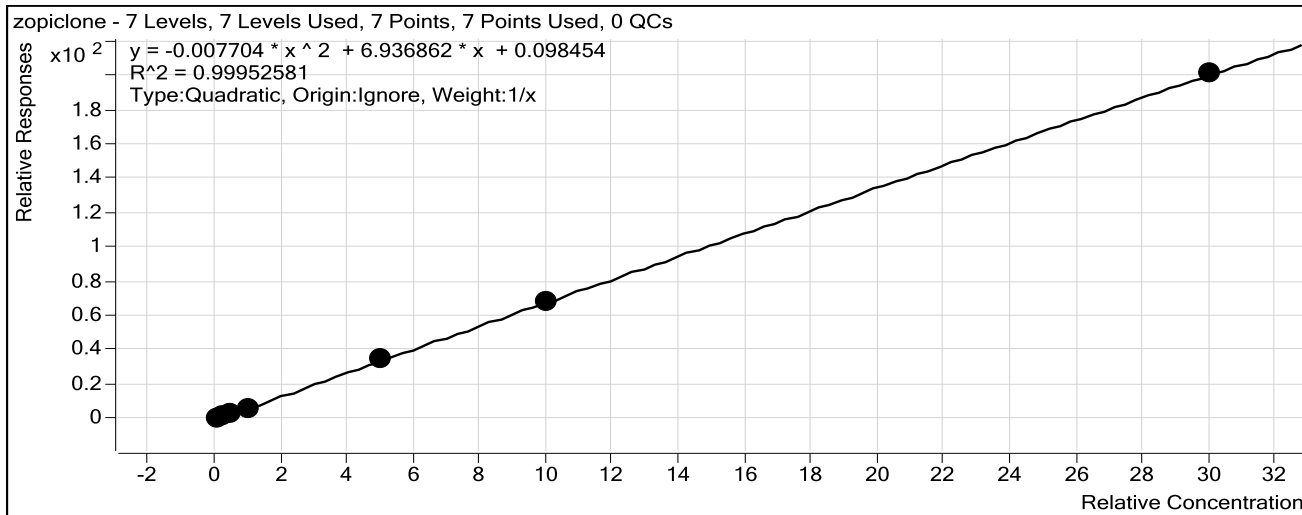
Last Calib Update 3/8/2016 4:02 PM

Analyst Name

ISP TOX

Target Compound zopiclone

Internal Standard Nordiazepam-D5 ISTD



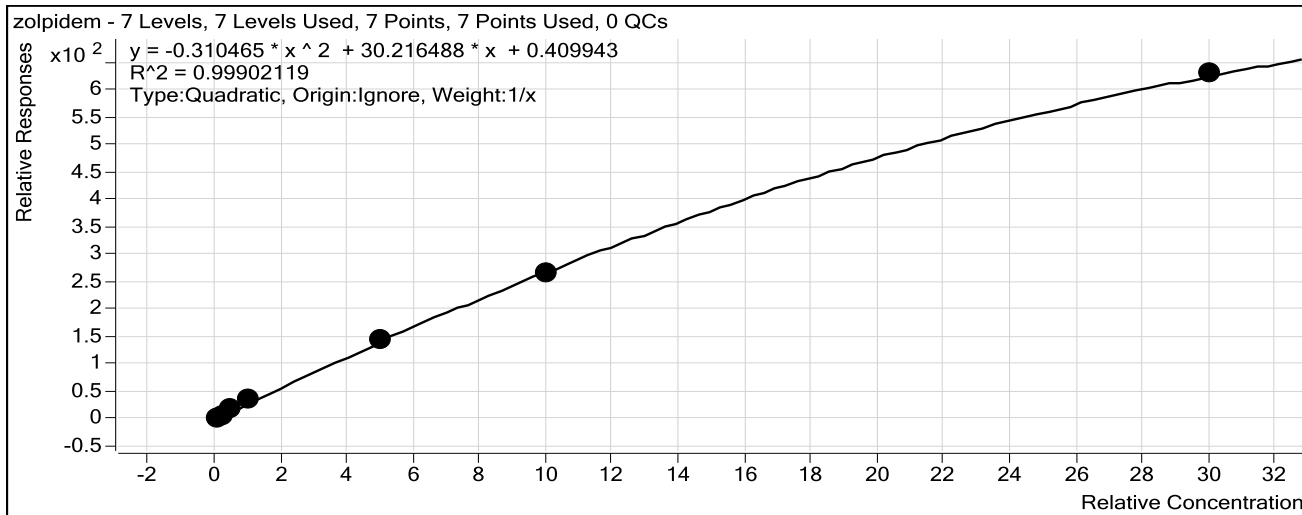
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.0	100.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.9	107.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.0	102.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	87.5	87.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	511.6	102.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	999.3	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.6	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 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	8.5	84.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.3	108.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	112.6	112.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	499.8	100.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	974.6	97.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3016.5	100.6

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

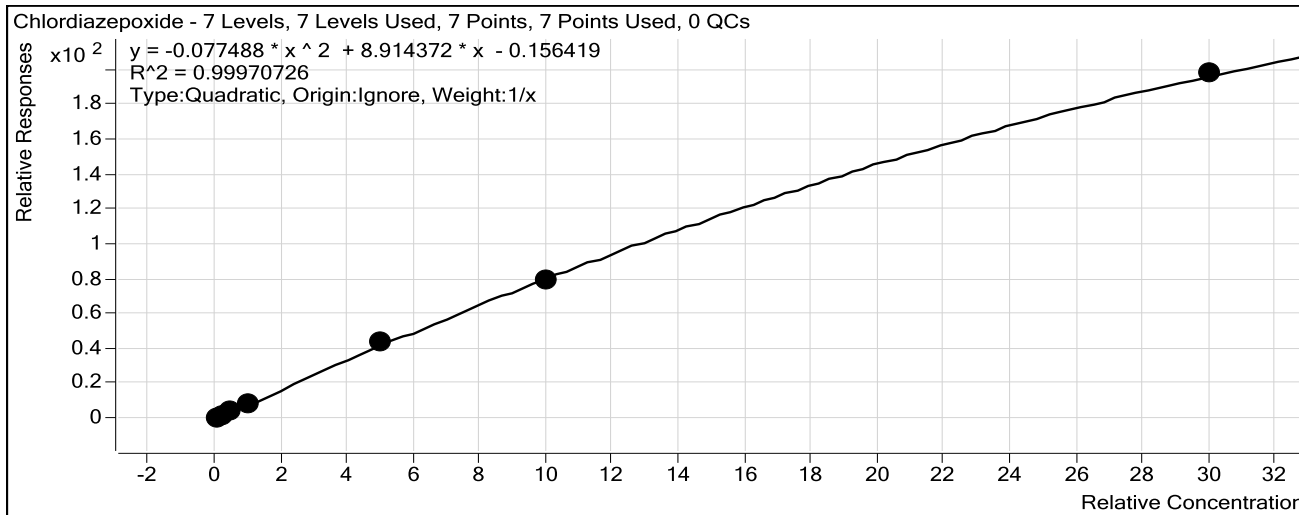
Last Calib Update 3/8/2016 4:02 PM

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	10.0	99.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.8	99.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.6	101.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	516.0	103.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	976.7	97.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3008.3	100.3

ISP Forensics Calibration Curve Report

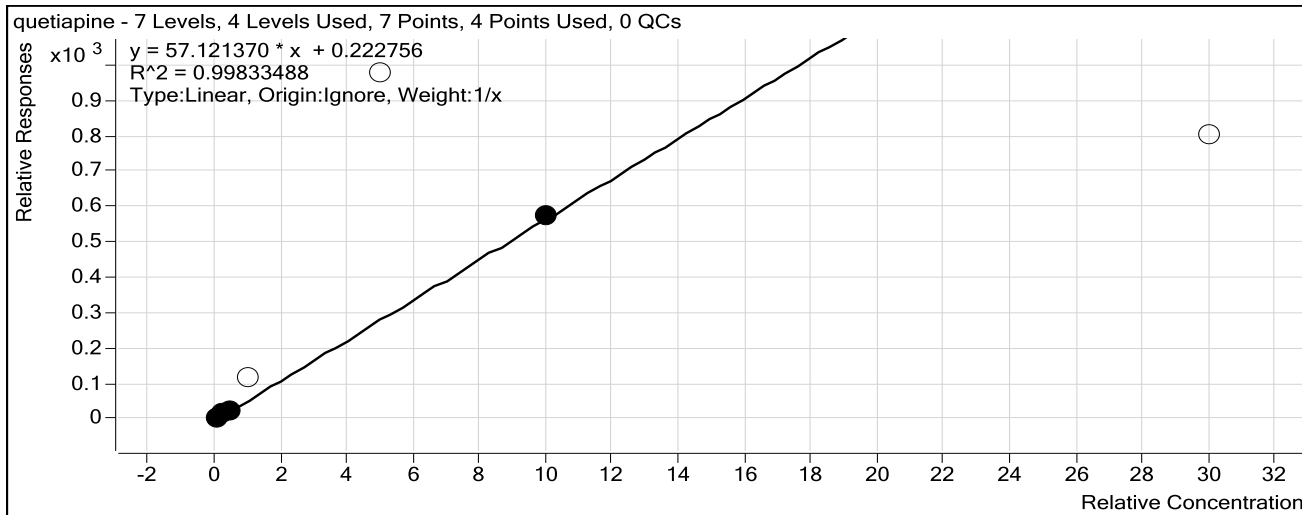
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Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 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	9.1	91.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	29.9	119.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.5	88.9
100 ng/mL	5	<input type="checkbox"/>	100	199.9	199.9
500 ng/mL	6	<input type="checkbox"/>	500	1707.9	341.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1001.5	100.2
3000 ng/mL	8	<input type="checkbox"/>	3000	1405.1	46.8

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 PM

Analyst Name

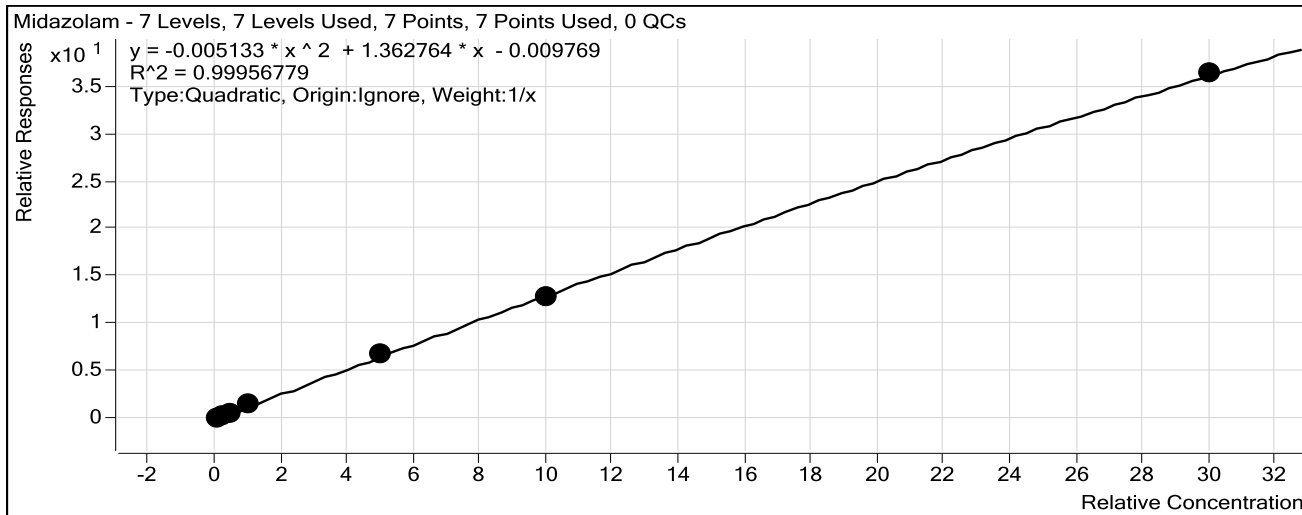
ISP TOX

Target Compound

Midazolam

Internal Standard

Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	10.5	105.3
25 ngmL	3	<input checked="" type="checkbox"/>	25	23.1	92.5
50 ngmL	4	<input checked="" type="checkbox"/>	50	48.0	96.0
100 ngmL	5	<input checked="" type="checkbox"/>	100	104.9	104.9
500 ngmL	6	<input checked="" type="checkbox"/>	500	517.4	103.5
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	975.0	97.5
3000 ngmL	8	<input checked="" type="checkbox"/>	3000	3006.2	100.2

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

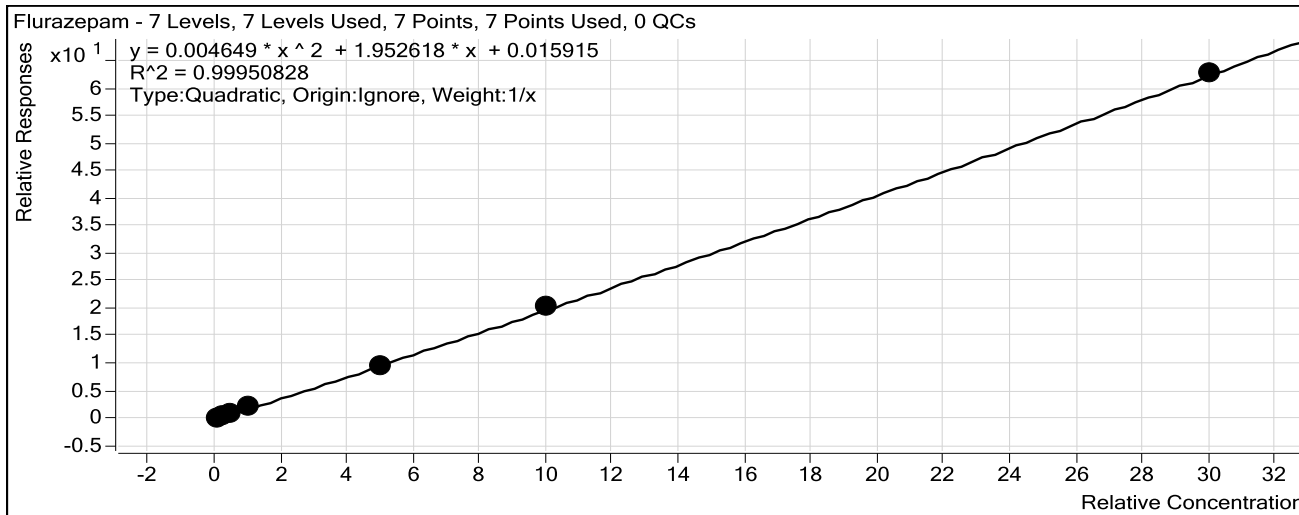
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Analyst Name

ISP TOX

Target Compound *Flurazepam*

Internal Standard *Diazepam-D5 ISTD*



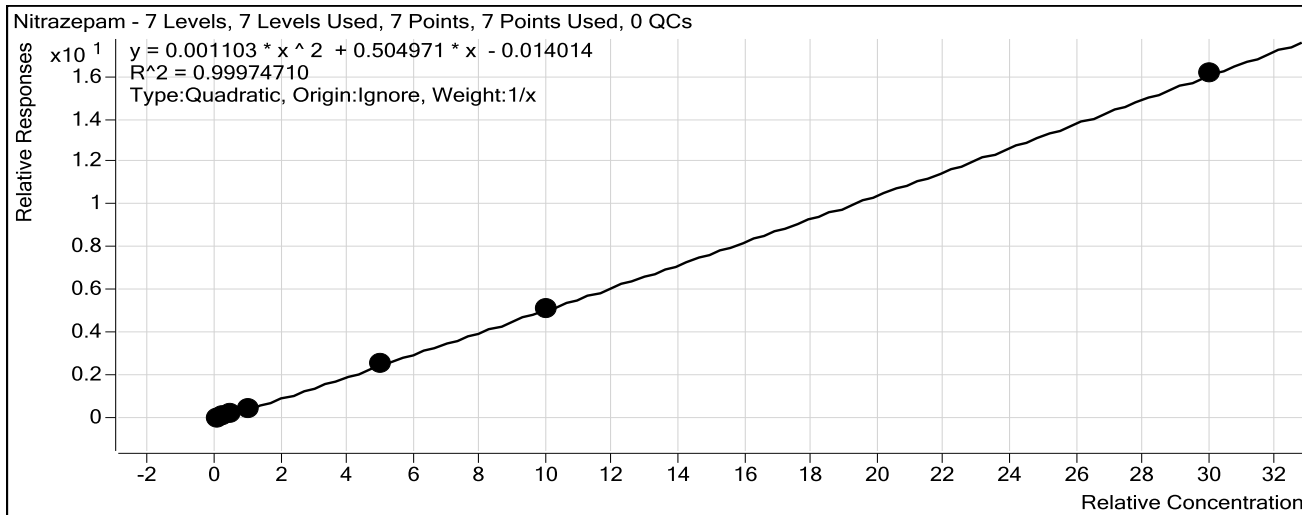
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.1	91.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.0	106.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	108.5	108.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	476.4	95.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.9	101.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.7	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 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	11.3	113.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.2	93.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.1	92.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.1	100.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	514.9	103.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	987.8	98.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.6	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

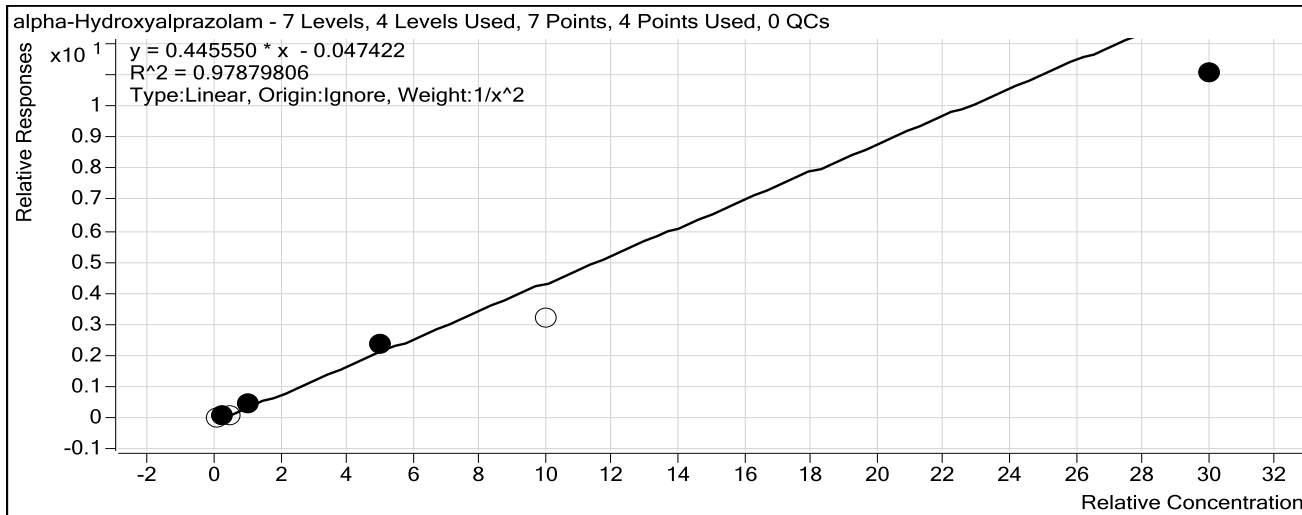
Last Calib Update 3/8/2016 4:02 PM

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 type="checkbox"/>	10	20.6	205.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.6
50 ng/mL	4	<input type="checkbox"/>	50	36.4	72.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	112.4	112.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	540.0	108.0
1000 ng/mL	7	<input type="checkbox"/>	1000	739.7	74.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2489.2	83.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

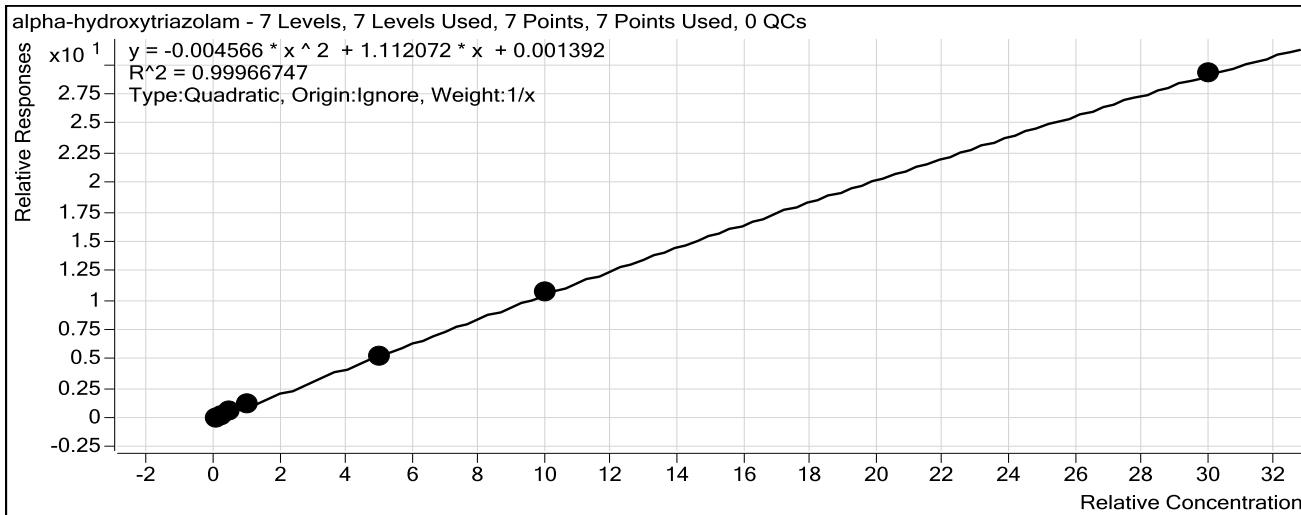
Last Calib Update 3/8/2016 4:02 PM

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	9.6	96.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.0	104.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.8	107.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	485.3	97.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1006.6	100.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3000.1	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

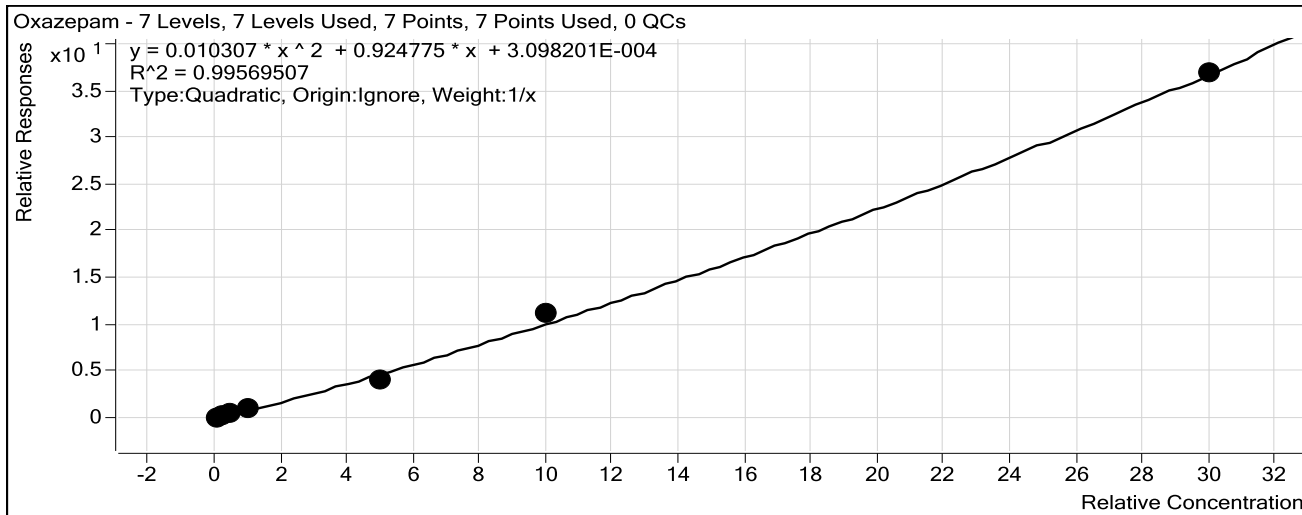
Last Calib Update 3/8/2016 4:02 PM

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	10.2	102.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	57.5	115.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.6	100.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	415.7	83.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1086.9	108.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2987.8	99.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

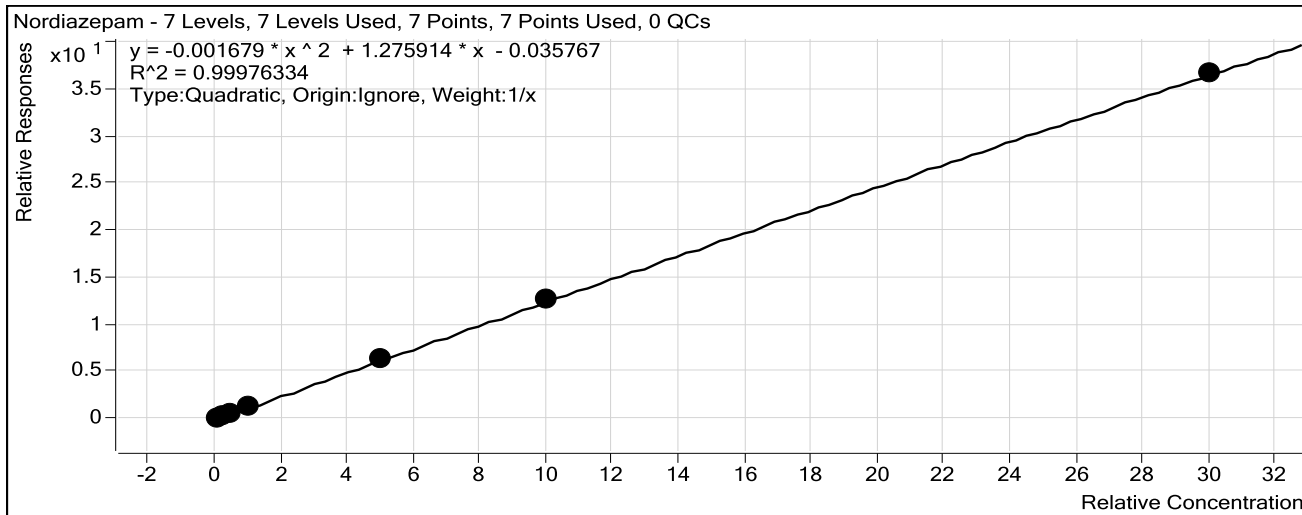
Last Calib Update 3/8/2016 4:02 PM

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	11.8	118.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.8	91.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.3	96.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.2	100.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1009.7	101.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.6	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

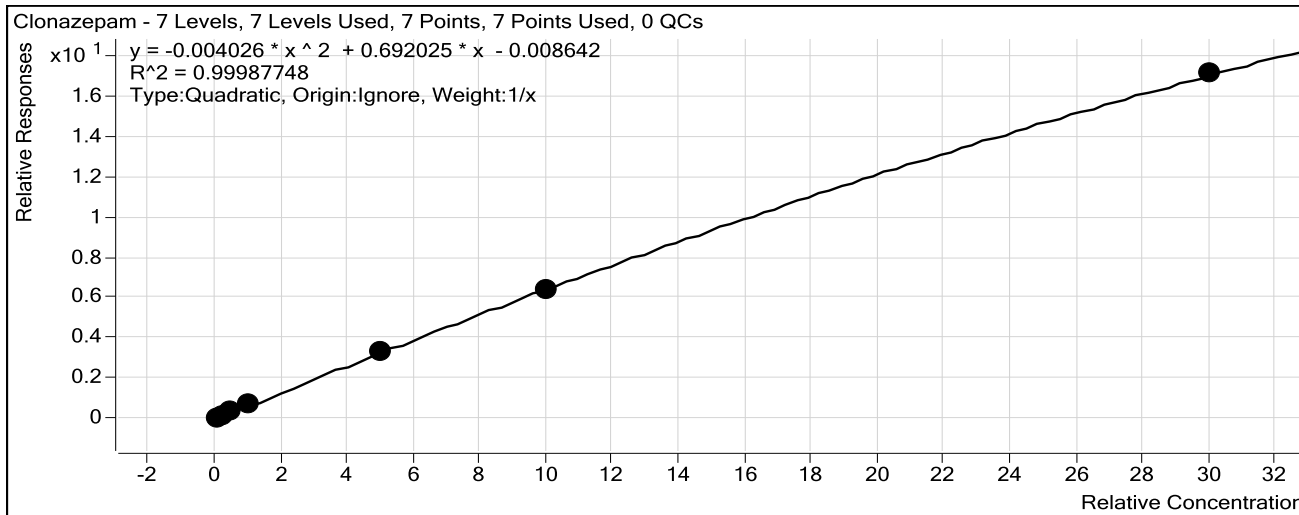
Last Calib Update 3/8/2016 4:02 PM

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	10.4	104.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.1	98.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	103.8	103.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	505.3	101.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.3	99.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3003.0	100.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

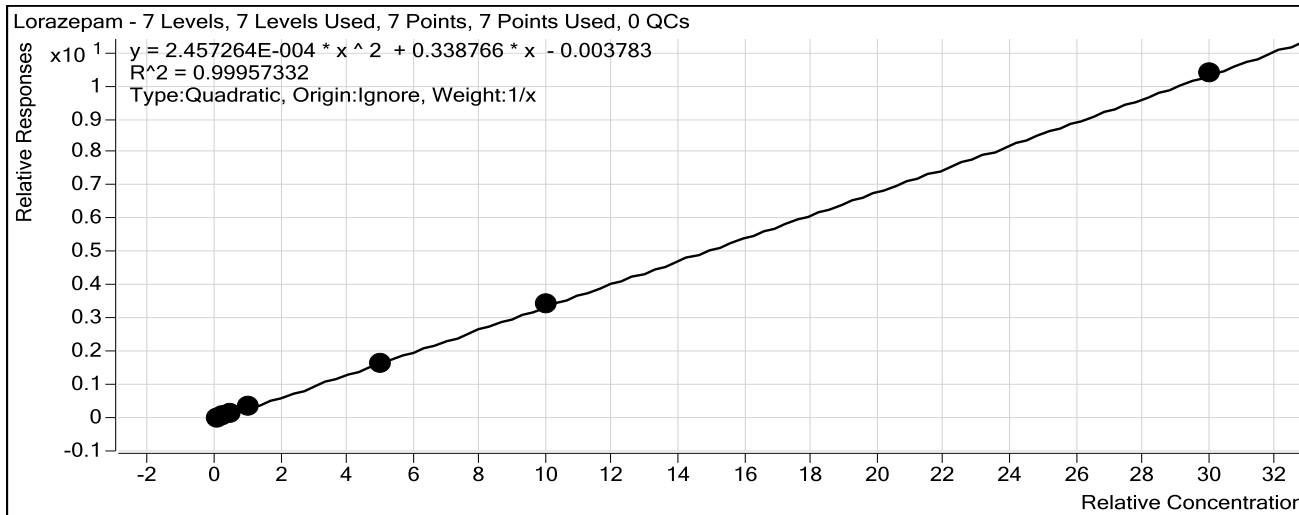
Last Calib Update 3/8/2016 4:02 PM

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	9.8	98.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.1	100.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.1	107.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	477.4	95.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1019.0	101.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2997.2	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 PM

Analyst Name

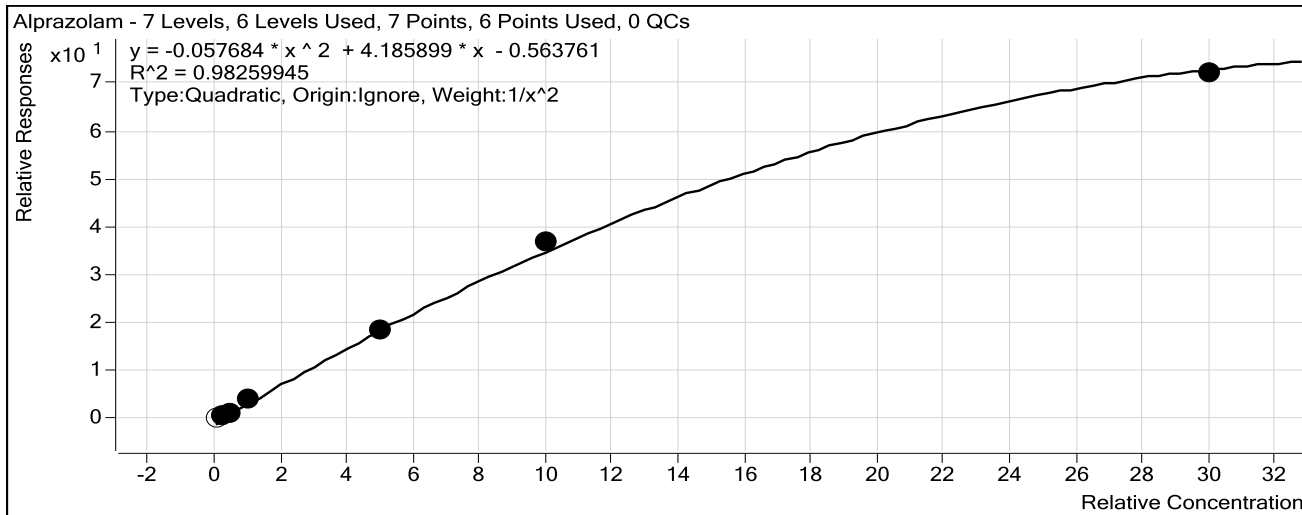
ISP TOX

Target Compound

Alprazolam

Internal Standard

alphahydroxyalprazolam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input type="checkbox"/>	10	23.9	238.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.4	105.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	41.6	83.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	110.6	110.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	490.3	98.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1043.6	104.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2862.7	95.4

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

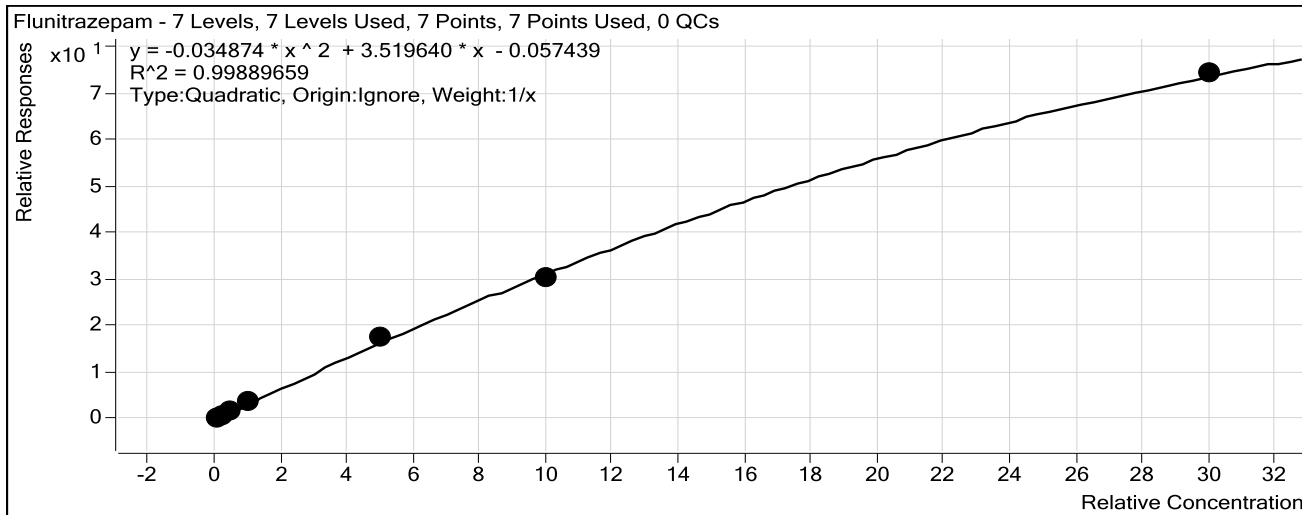
Last Calib Update 3/8/2016 4:02 PM

Analyst Name

ISP TOX

Target Compound *Flunitrazepam*

Internal Standard *Clonazepam-D4 ISTD*



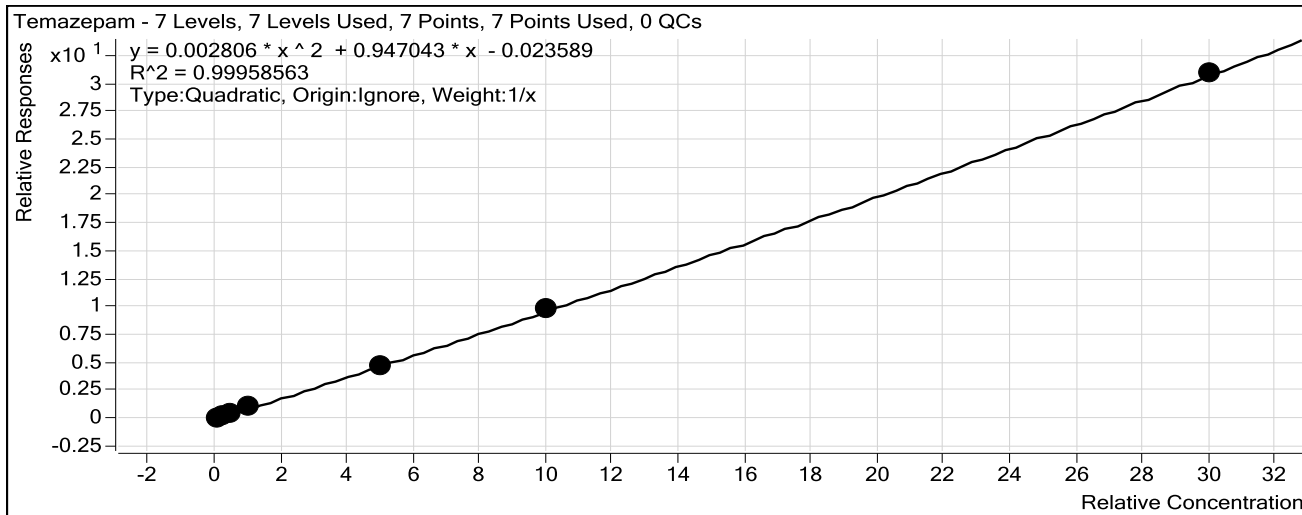
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.6	106.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.7	95.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.2	101.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	531.8	106.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	959.2	95.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3015.4	100.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

Last Calib Update 3/8/2016 4:02 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.8	117.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	20.9	83.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.5	91.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	108.1	108.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.8	99.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.3	100.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.6	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin

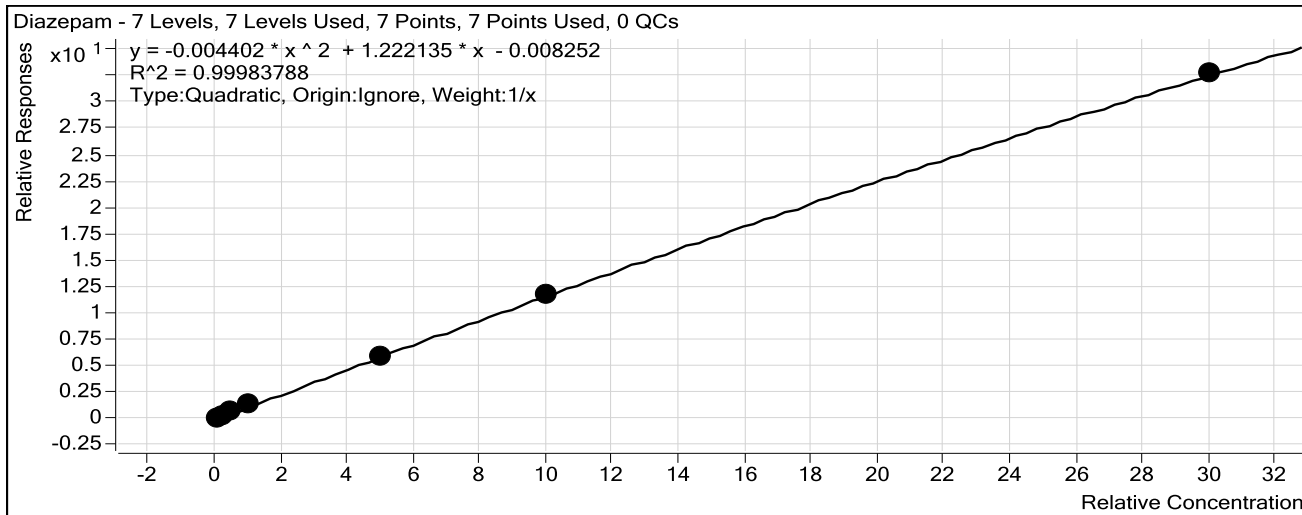
Last Calib Update 3/8/2016 4:02 PM

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	10.0	100.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.8	101.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	106.4	106.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	494.4	98.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.8	99.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.4	100.0

ISP FORENSICS

Pocatello

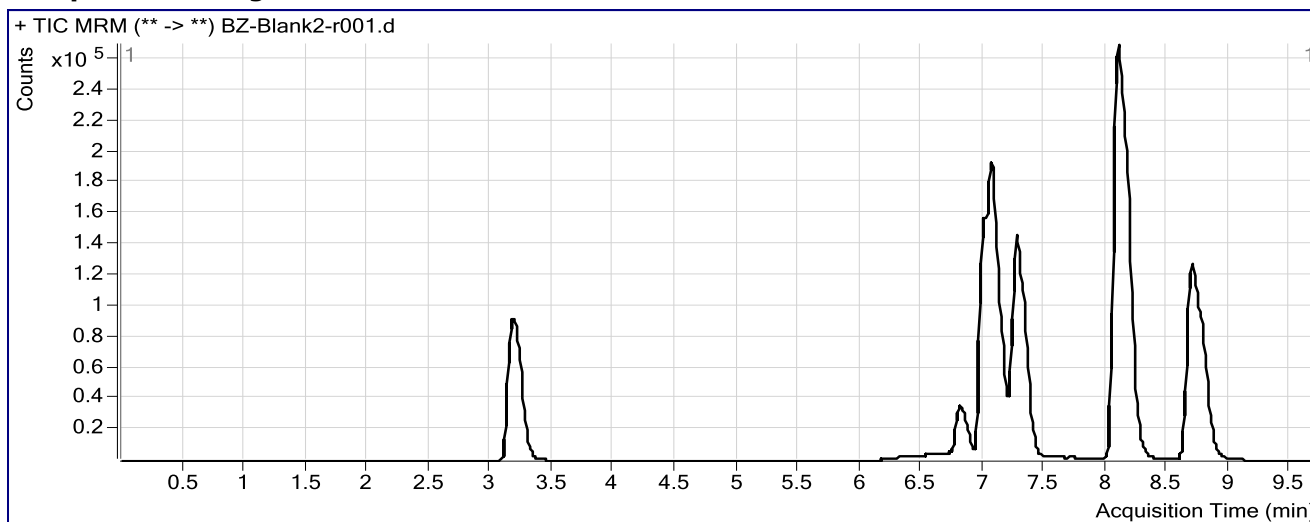
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin
Analysis Time 3/8/2016 4:02 PM **Analyst Name** ISPUser
Report Time 3/8/2016 4:05 PM **Reporter Name** ISPUser
Last Calib Update 3/8/2016 4:02 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-04 22:49 **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**
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

Sample Chromatogram



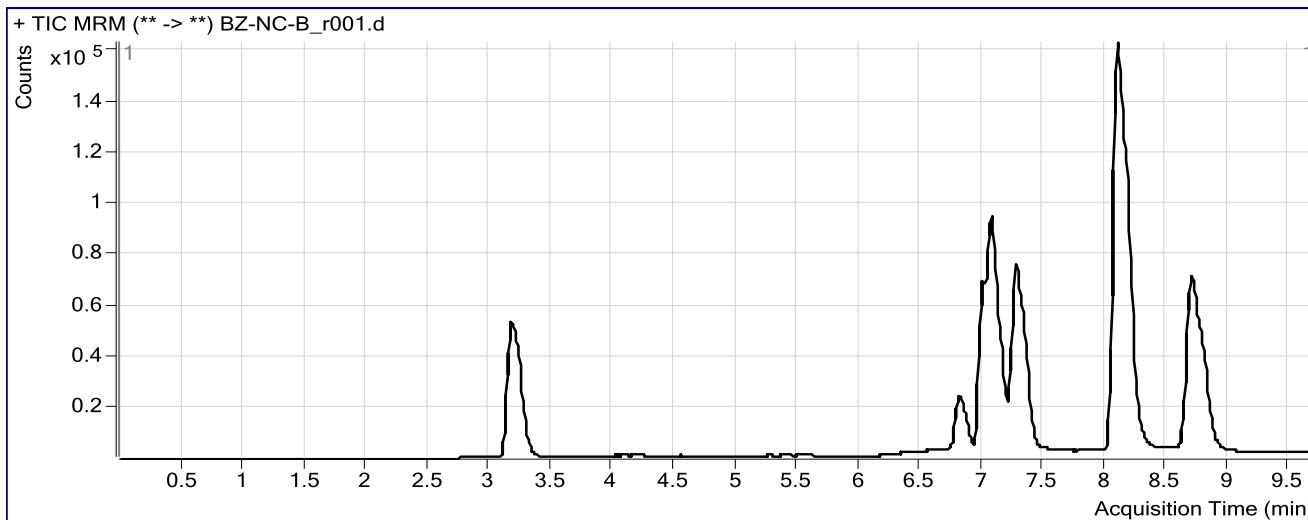
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin
Analysis Time 3/8/2016 4:02 PM **Analyst Name** ISPUser
Report Time 3/8/2016 4:06 PM **Reporter Name** ISPUser
Last Calib Update 3/8/2016 4:02 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-05 01:25 **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	4.593	2374	210229	0.0113	0.0000
Flurazepam	Diazepam-D5 ISTD	6.055	2001	340548	0.0059	0.0000

CS

ISP FORENSICS

Pocatello

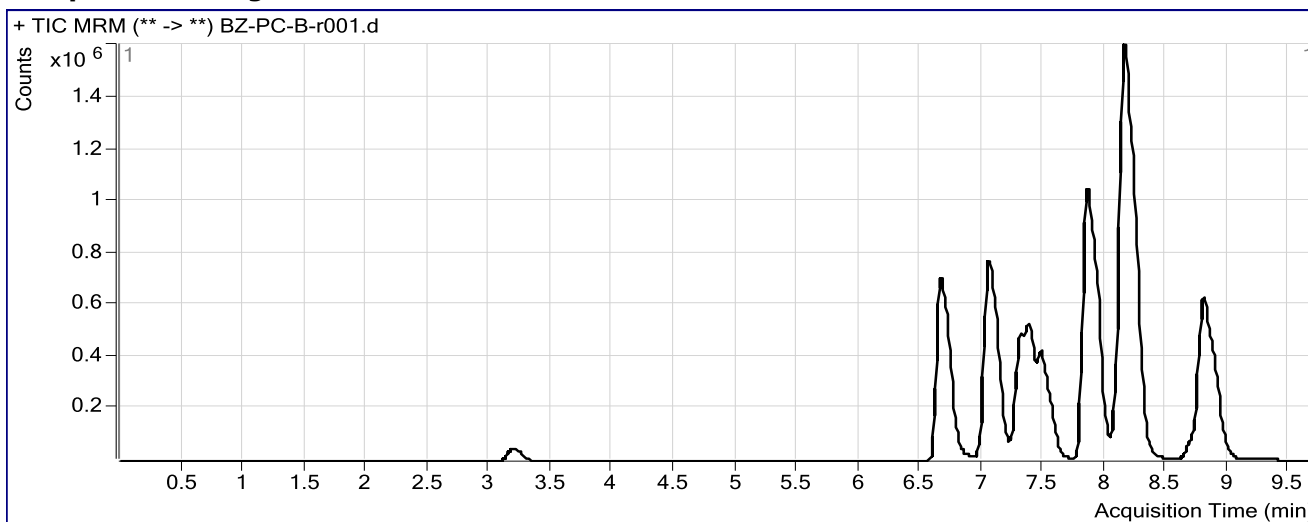
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin
Analysis Time 3/8/2016 4:02 PM **Analyst Name** ISPUser
Report Time 3/8/2016 4:06 PM **Reporter Name** ISPUser
Last Calib Update 3/8/2016 4:02 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-05 01:41 **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
Nitrazepam	Clonazepam-D4 ISTD	6.665	3327332	398682	8.3458	1599.6145
Oxazepam	Nordiazepam-D5 ISTD	7.043	3112236	212998	14.6116	1370.6008
Nordiazepam	Nordiazepam-D5 ISTD	7.045	11889	212998	0.0558	7.1787
Clonazepam	Clonazepam-D4 ISTD	7.302	2228841	398682	5.5905	851.2501
Lorazepam	Nordiazepam-D5 ISTD	7.385	425856	212998	1.9993	588.7846
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.489	2391046	114143	20.9477	556.5953
Flunitrazepam	Clonazepam-D4 ISTD	7.849	6156538	398682	15.4422	461.4777
Temazepam	Temazepam-D5 ISTD	8.155	9837915	1150760	8.5491	882.1452
Diazepam	Diazepam-D5 ISTD	8.791	3845624	345463	11.1318	943.5914

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\030416 CS\QuantResults\030416 BENZ.batch.bin
Analysis Time 3/8/2016 4:02 PM **Analyst Name** ISPUser
Report Time 3/8/2016 4:08 PM **Reporter Name** ISPUser
Last Calib Update 3/8/2016 4:02 PM **Batch State** Processed

Analysis Info

Acq Time 2016-03-05 05:35 **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

