








Worklist: 1185

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2016-0176	2	60267	6.1.1 Blood LCMS-QQQ Benzc	
M2016-0218	1	60268	6.1.1 Blood LCMS-QQQ Benzc	
M2016-0260	1	60269	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0254	1	60276	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0358	1	60278	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0524	1	60280	6.1.1 Blood LCMS-QQQ Benzc	
P2016-0680	1	60282	6.1.1 Blood LCMS-QQQ Benzc	

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 062316.wkl
Date Modified:	06/23/2016 11:35:16 AM
Date Printed:	07/12/2016 03:17:34 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\071216 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 B1013
P2-B1	Blood Positive Control 1	isp blood cannabinoids Poky 2016-1.m	B-PC1-r001.d	Sample		UTAK B1013 + WS060716	
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 M2016-0363-4	isp blood cannabinoids Poky 2016-1.m	M2016-0363-4_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	M2016-0363-4	isp blood cannabinoids Poky 2016-1.m	M2016-0363-4-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2016-0860-3	isp blood cannabinoids Poky 2016-1.m	M2016-0860-3_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	M2016-0860-3	isp blood cannabinoids Poky 2016-1.m	M2016-0860-3-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2016-1807-1	isp blood cannabinoids Poky 2016-1.m	M2016-1807-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2016-1807-1	isp blood cannabinoids Poky 2016-1.m	M2016-1807-1-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	
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 M2016-2043-1	isp blood cannabinoids Poky 2016-1.m	M2016-2043-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	M2016-2043-1	isp blood cannabinoids Poky 2016-1.m	M2016-2043-1-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. ۵
	Blank M2016-2067-2		M2016-2067-2_BLK_r001.d			AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	M2016-2067-2	isp blood cannabinoids Poky 2016-1.m	M2016-2067-2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2016-0309-1	isp blood cannabinoids Poky 2016-1.m	P2016-0309-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B7	P2016-0309-1	isp blood cannabinoids Poky 2016-1.m	P2016-0309-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2016-0388-1	isp blood cannabinoids Poky 2016-1.m	P2016-0388-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B8	P2016-0388-1	isp blood cannabinoids Poky 2016-1.m	P2016-0388-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2016-0524-1	isp blood cannabinoids Poky 2016-1.m	P2016-0524-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B9	P2016-0524-1	isp blood cannabinoids Poky 2016-1.m	P2016-0524-1-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		Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-NC-B_r001.d	Sample		UTAK B1013	

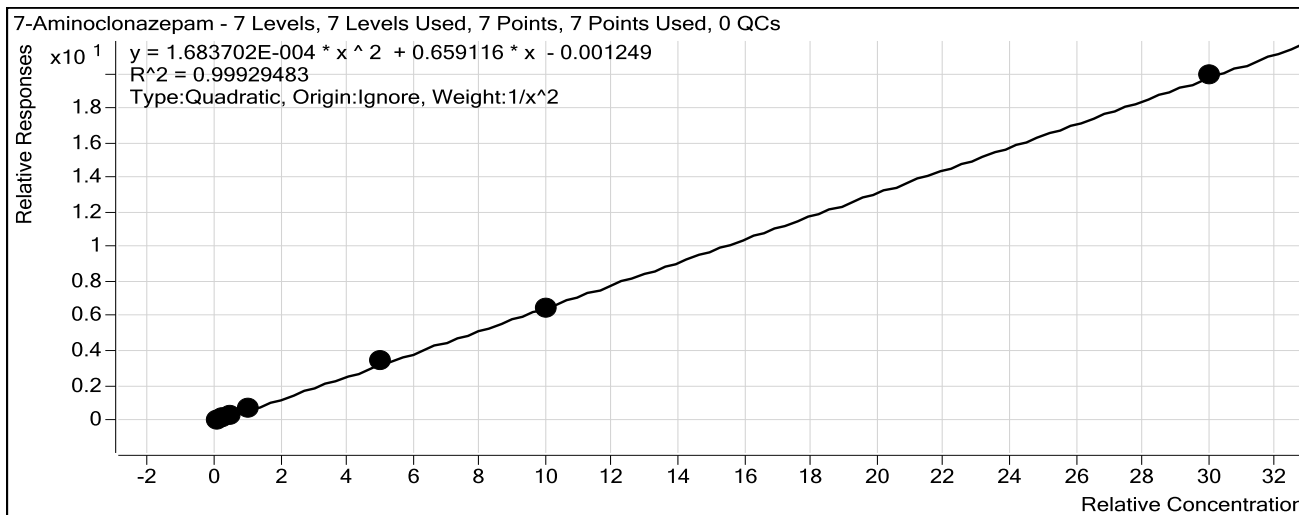
Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ↻
	Negative Blood Control						UTAK Negative Whole Blood LOT B1013
P1-E8	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-PC-B-r001.d	Sample		UTAK B1013 + WS060716	Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK B1013
P1-E9	Blank - C2016-0176-2	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-C2016-0176-2_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E7	C2016-0176-2	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-C2016-0176-2-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-0218-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-M2016-0218-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	M2016-0218-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-M2016-0218-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2016-0260-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-M2016-0260-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	M2016-0260-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-M2016-0260-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0254-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0254-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E4	P2016-0254-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0254-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0358-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0358-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E3	P2016-0358-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0358-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0524-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0524-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E2	P2016-0524-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0524-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2016-0680-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-Carryover blank-P2016-0680-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E1	P2016-0680-1	Benzos_Z_Drugs_ACN_FA_ISP_2016.m	BZ-P2016-0680-1-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

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 AM **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	100.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.4	100.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.1	97.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	521.7	104.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	981.1	98.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.9	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

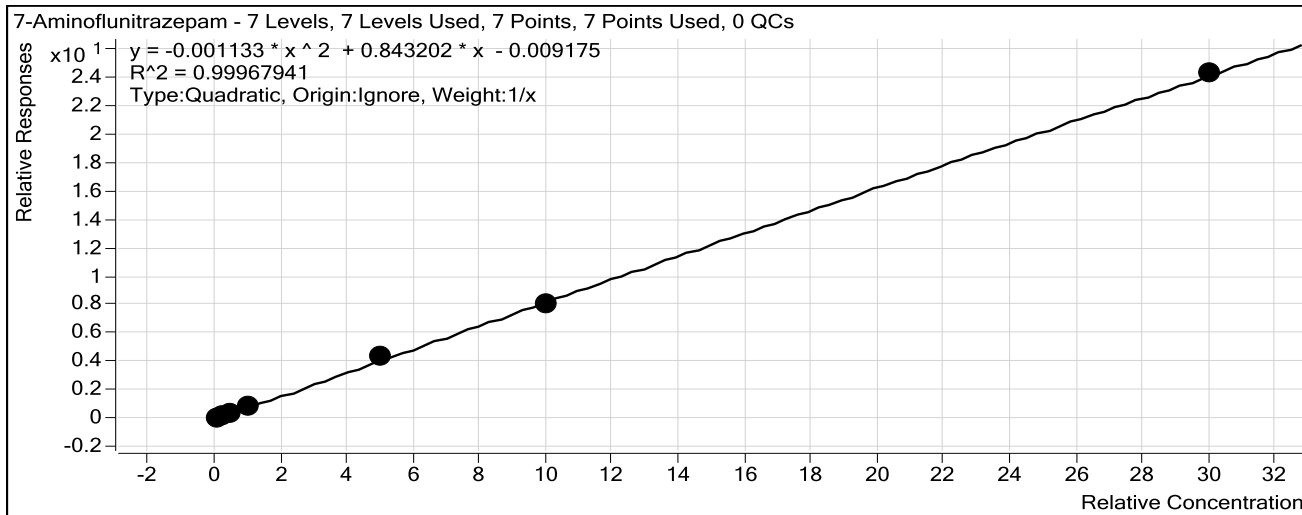
Last Calib Update 7/15/2016 10:27 AM

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	24.8	99.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.6	101.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.2	98.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	519.9	104.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	976.8	97.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3004.7	100.2

ISP Forensics Calibration Curve Report

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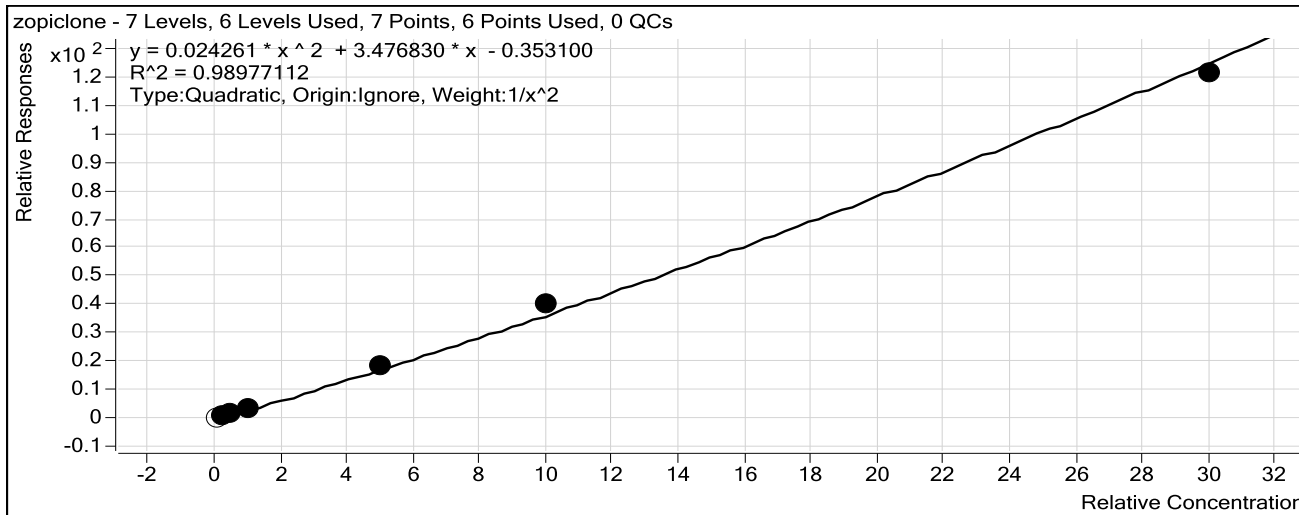
Last Calib Update 7/15/2016 10:27 AM

Analyst Name

ISP TOX

Target Compound *zopiclone*

Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input type="checkbox"/>	10	16.6	165.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.8	107.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.6	89.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.1	91.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	528.8	105.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1094.3	109.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2910.6	97.0

ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

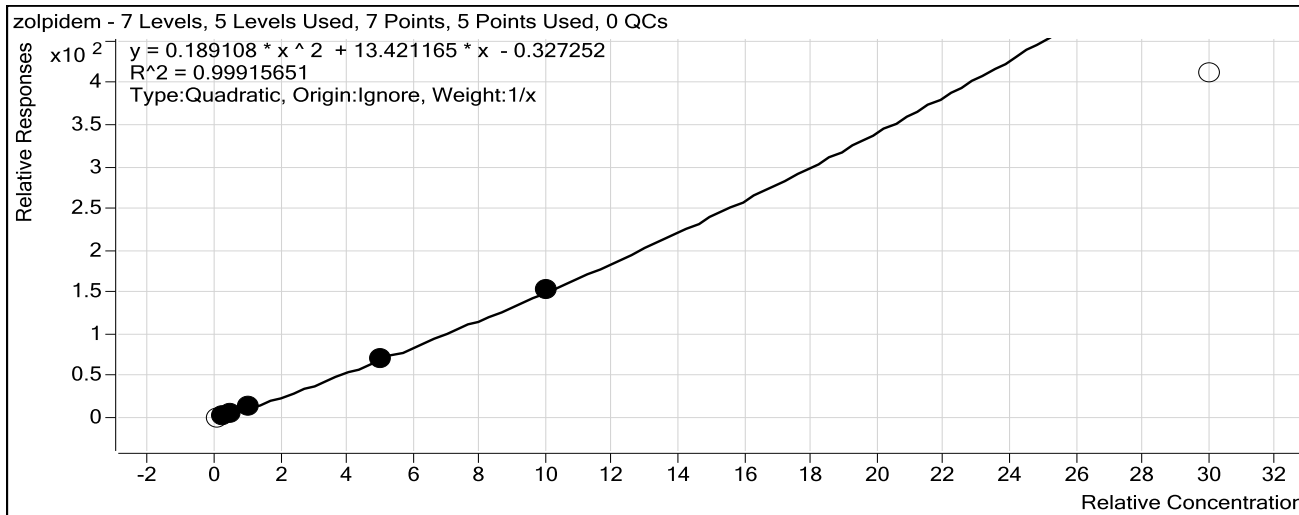
Last Calib Update 7/15/2016 10:27 AM

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 type="checkbox"/>	10	11.2	111.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.5	95.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	109.6	109.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	489.9	98.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1003.8	100.4
3000 ng/mL	8	<input type="checkbox"/>	3000	2312.6	77.1

ISP Forensics Calibration Curve Report

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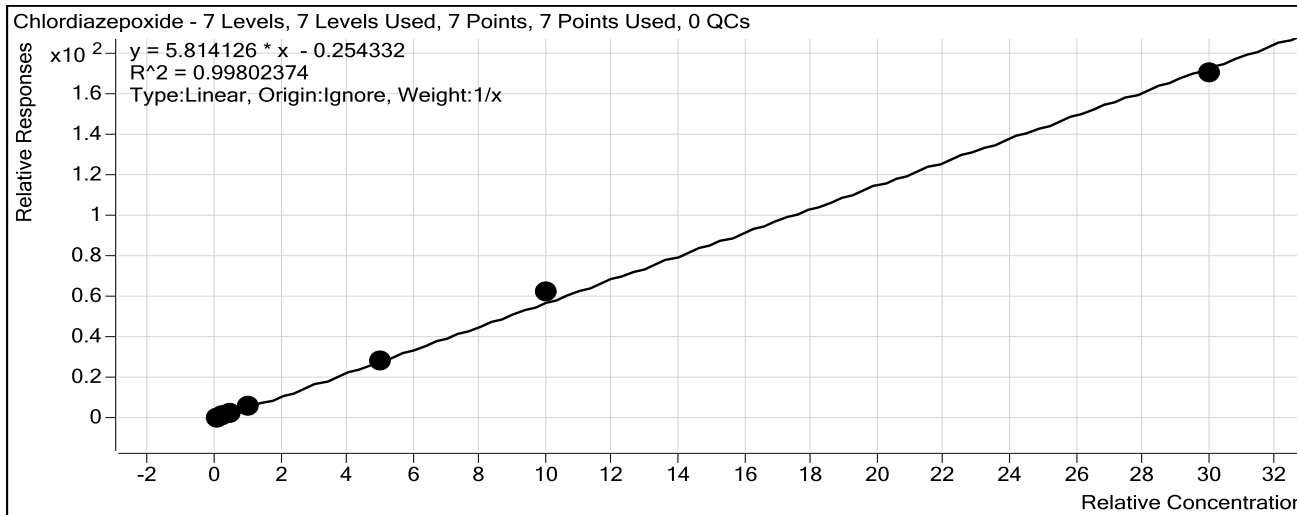
Last Calib Update 7/15/2016 10:27 AM

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	11.6	116.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.0	91.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.7	89.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	492.5	98.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1078.8	107.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2936.0	97.9

ISP Forensics Calibration Curve Report

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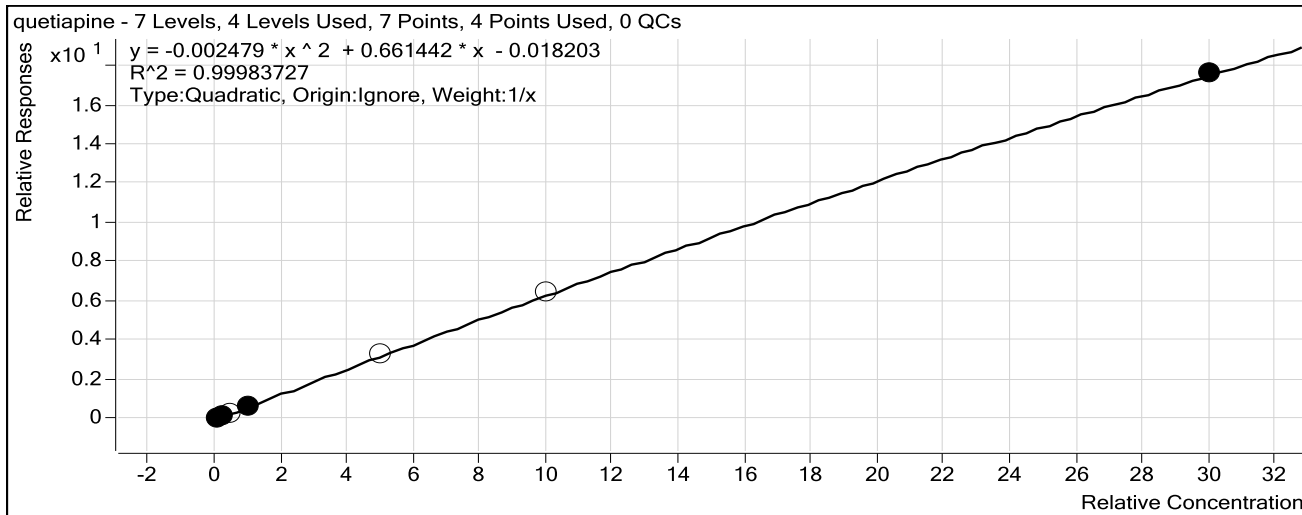
Last Calib Update 7/15/2016 10:27 AM

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	10.9	108.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.3	89.4
50 ng/mL	4	<input type="checkbox"/>	50	43.5	87.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	101.8	101.8
500 ng/mL	6	<input type="checkbox"/>	500	502.1	100.4
1000 ng/mL	7	<input type="checkbox"/>	1000	1018.7	101.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.9	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

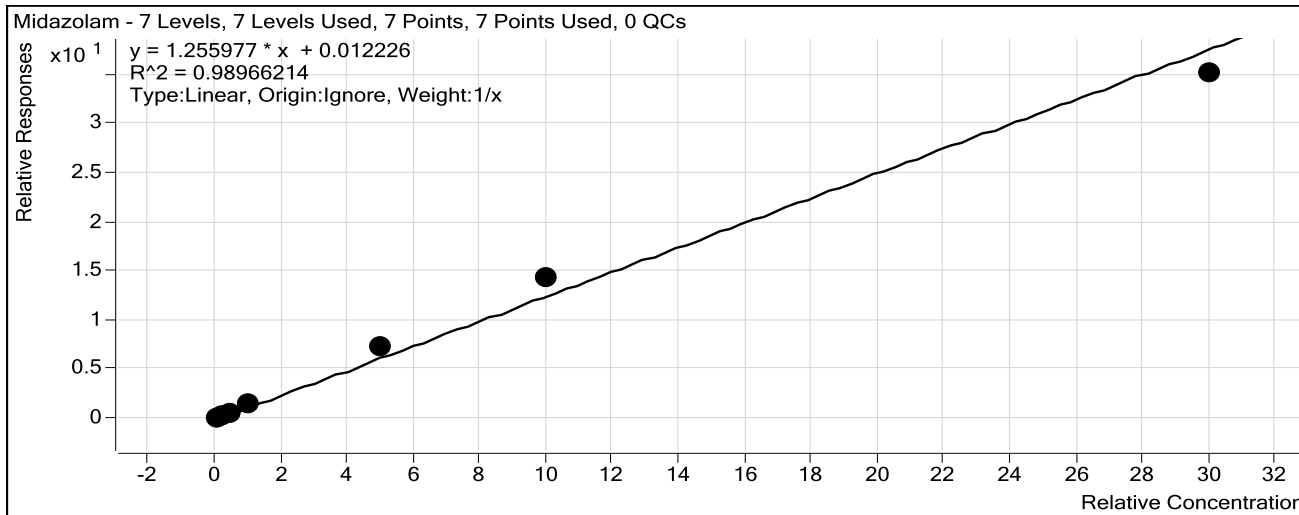
Last Calib Update 7/15/2016 10:27 AM

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	8.3	83.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	21.5	86.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.2	92.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	118.3	118.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	570.8	114.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1129.8	113.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2790.1	93.0

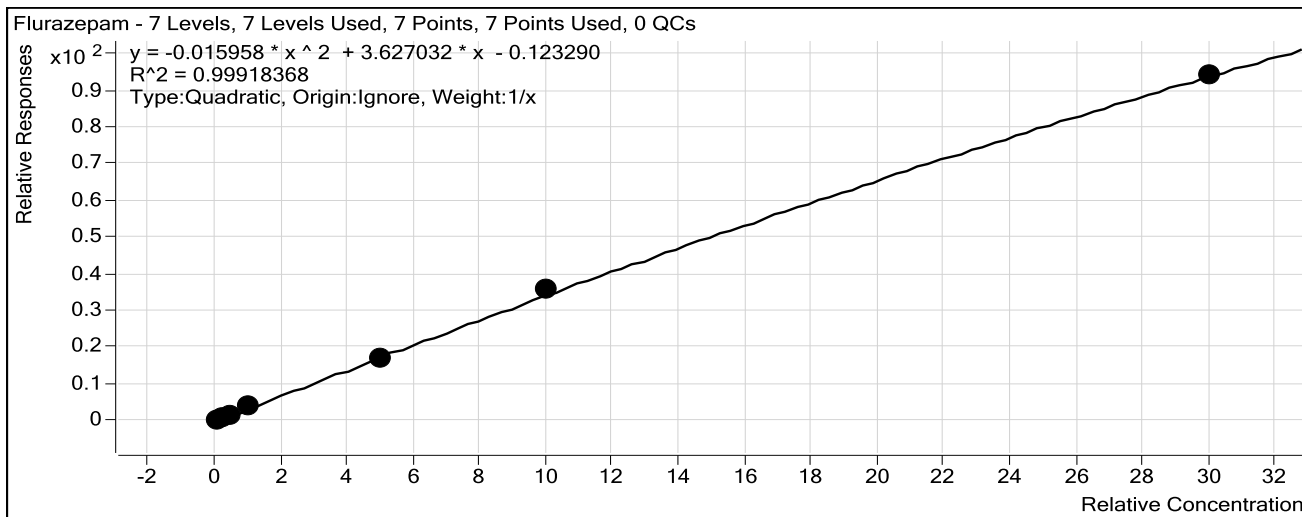
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 AM

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	11.6	116.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	43.6	87.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.2	104.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	479.4	95.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1030.7	103.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2991.8	99.7

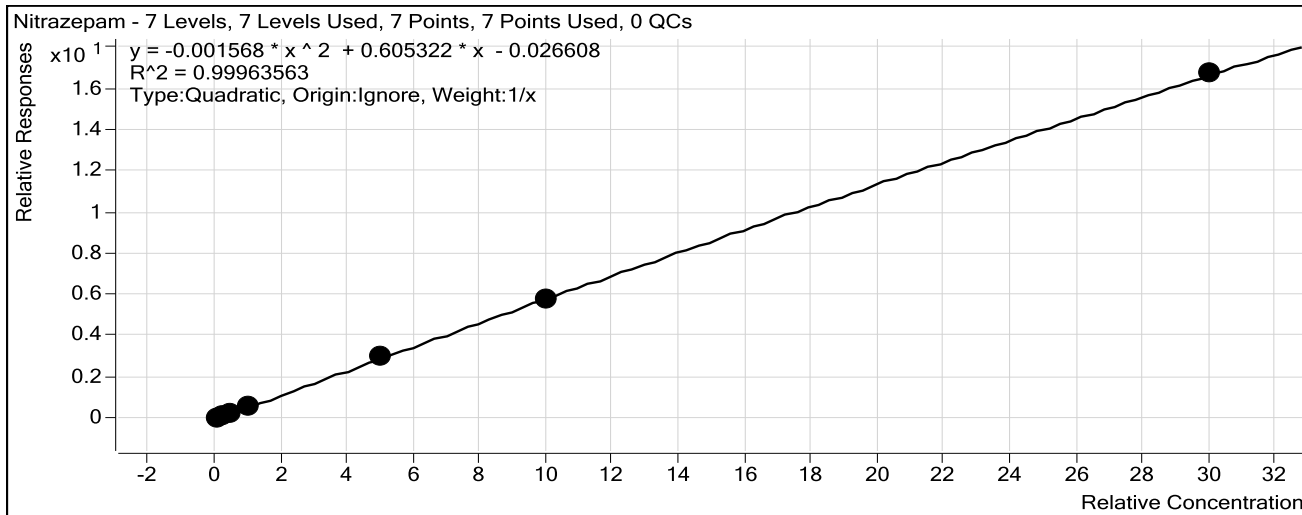
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 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	11.5	114.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.9	89.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.5	98.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	516.1	103.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	989.3	98.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3001.1	100.0

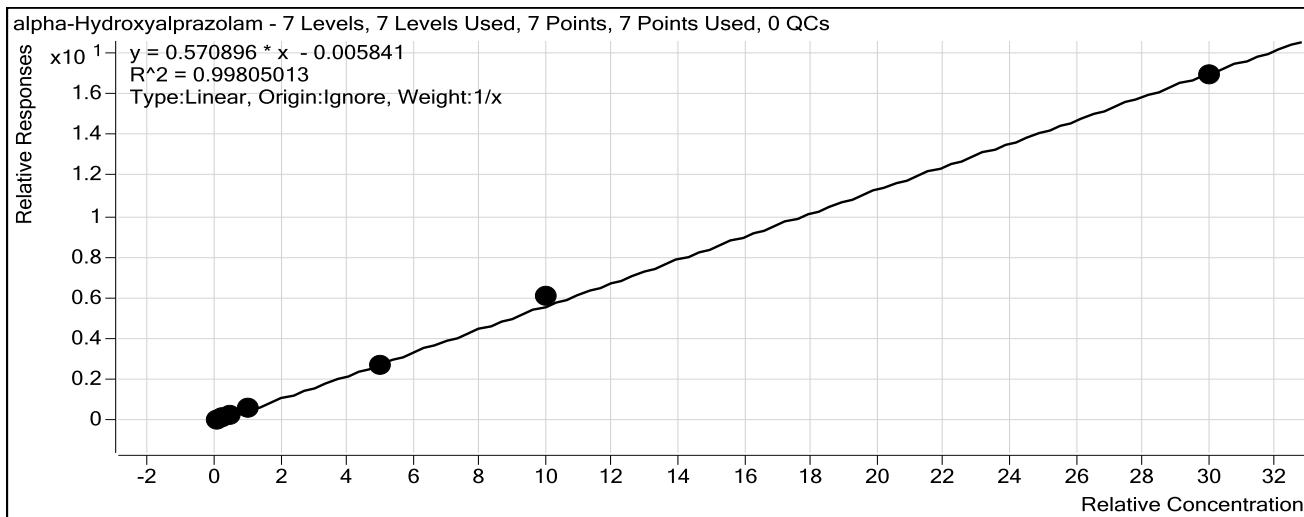
ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 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	10.6	106.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.2	90.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	114.2	114.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	468.5	93.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1059.0	105.9
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2964.8	98.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

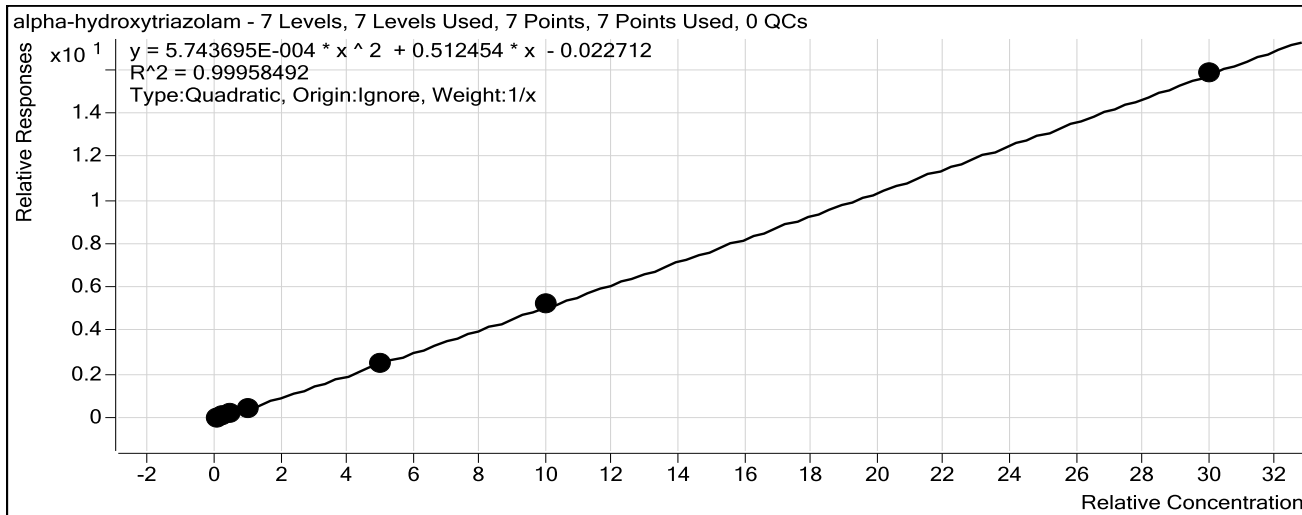
Last Calib Update 7/15/2016 10:27 AM

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	12.0	119.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.2	88.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.8	94.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	494.4	98.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1021.2	102.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.4	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 AM

Analyst Name

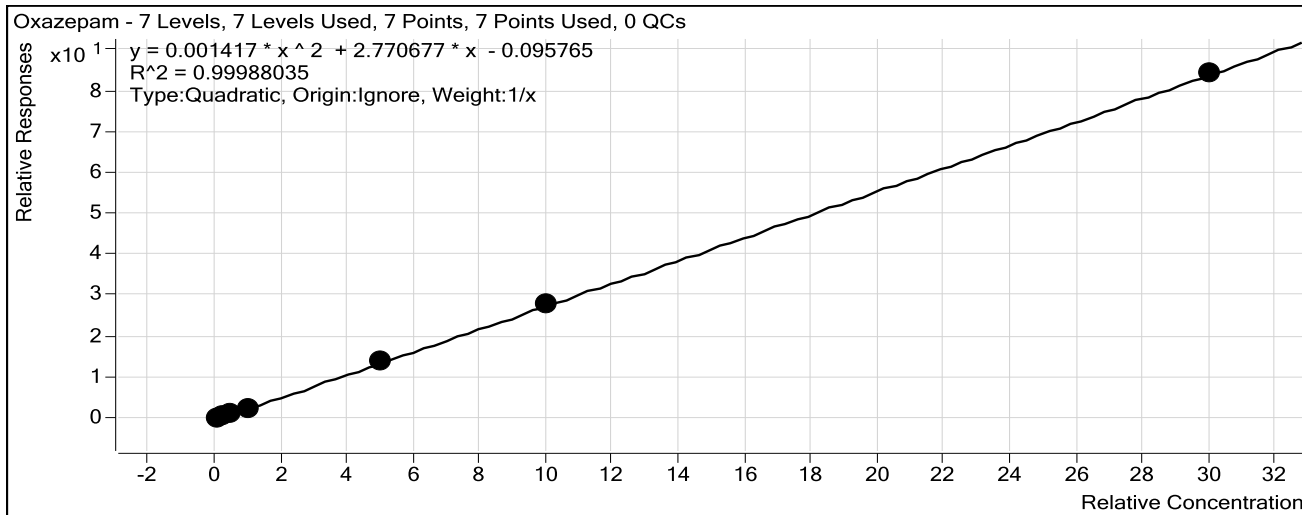
ISP TOX

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	11.1	110.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.1	96.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.6	95.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	498.1	99.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1011.0	101.1
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.9	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

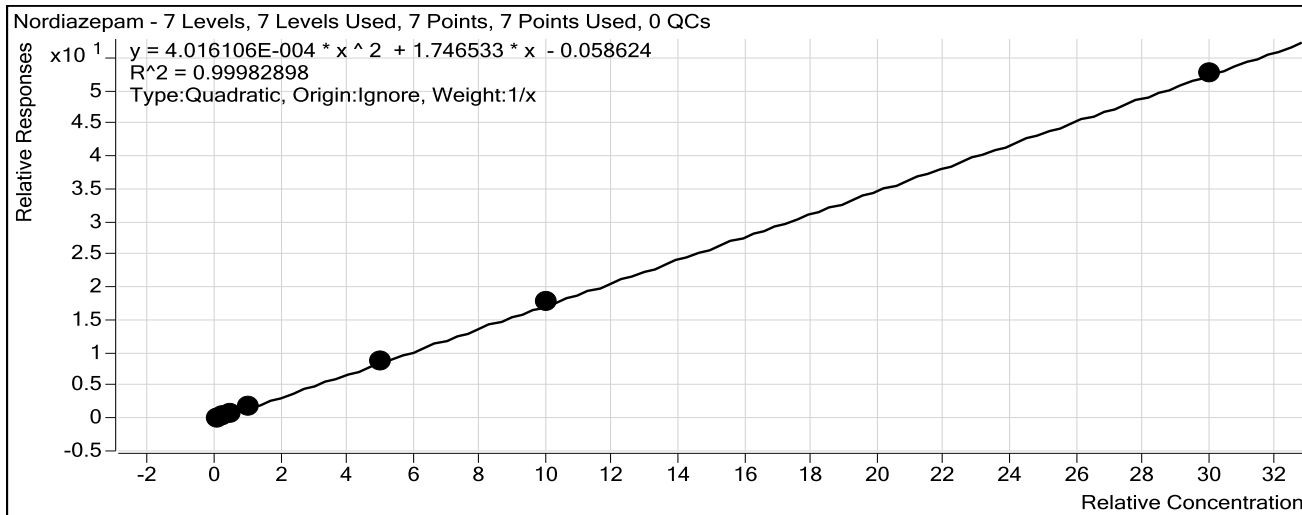
Last Calib Update 7/15/2016 10:27 AM

Analyst Name

ISP TOX

Target Compound Nordiazepam

Internal Standard Nordiazepam-D5 ISTD



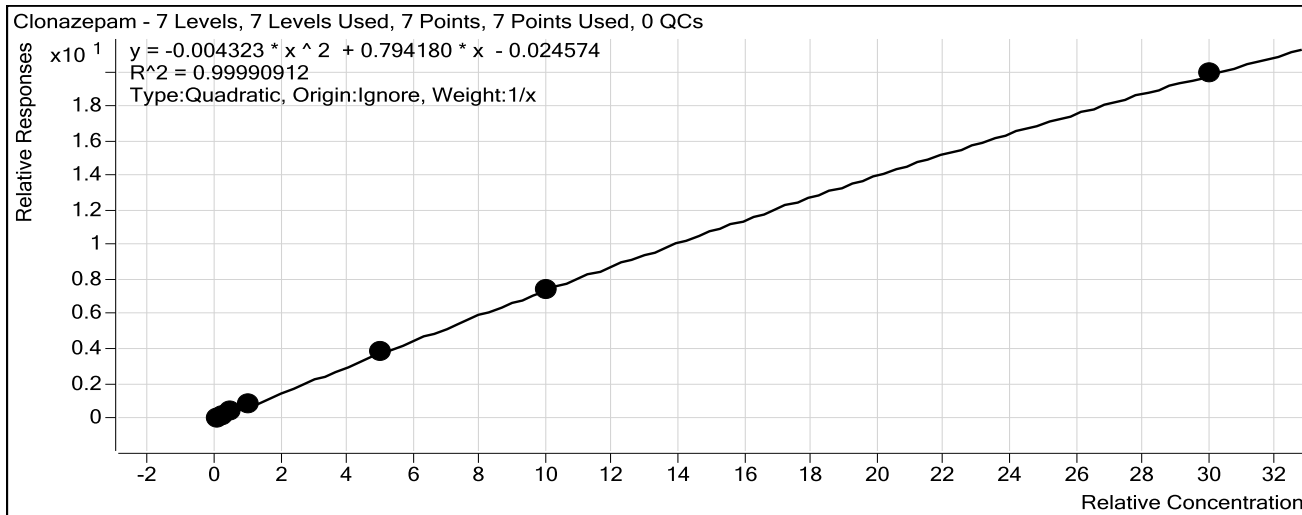
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.5	114.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.2	92.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.4	94.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.2	97.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.1	99.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1013.1	101.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.5	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ngmL	2	<input checked="" type="checkbox"/>	10	11.0	109.8
25 ngmL	3	<input checked="" type="checkbox"/>	25	23.5	93.9
50 ngmL	4	<input checked="" type="checkbox"/>	50	47.7	95.4
100 ngmL	5	<input checked="" type="checkbox"/>	100	100.3	100.3
500 ngmL	6	<input checked="" type="checkbox"/>	500	502.5	100.5
1000 ngmL	7	<input checked="" type="checkbox"/>	1000	1000.9	100.1
3000 ngmL	8	<input checked="" type="checkbox"/>	3000	2999.1	100.0

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

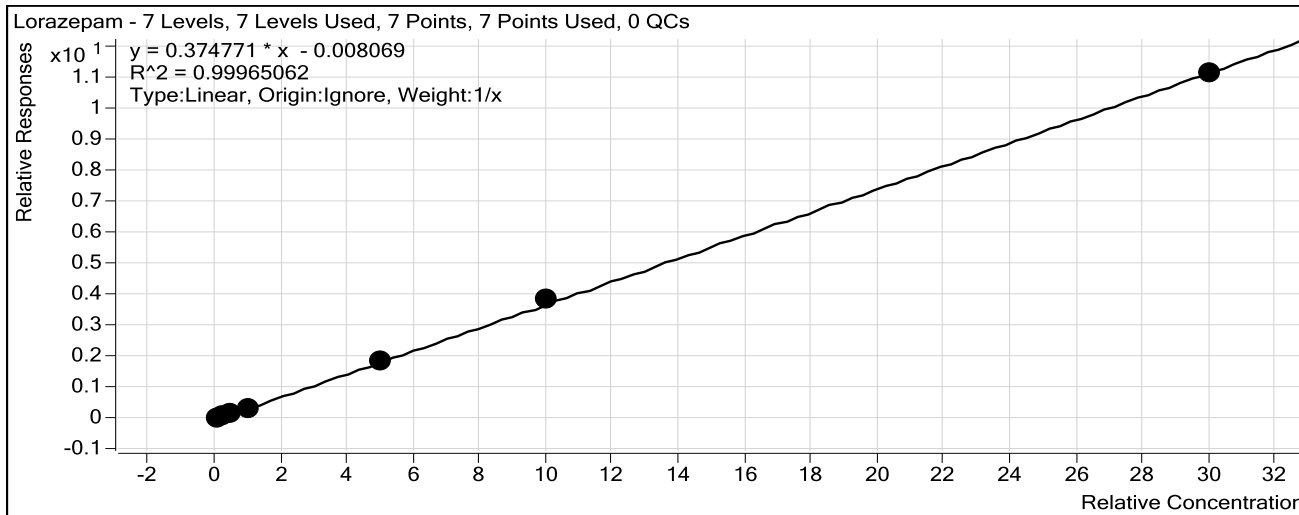
Last Calib Update 7/15/2016 10:27 AM

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	11.4	113.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.8	95.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.3	94.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	503.5	100.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.6	102.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2979.0	99.3

ISP Forensics Calibration Curve Report

6

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

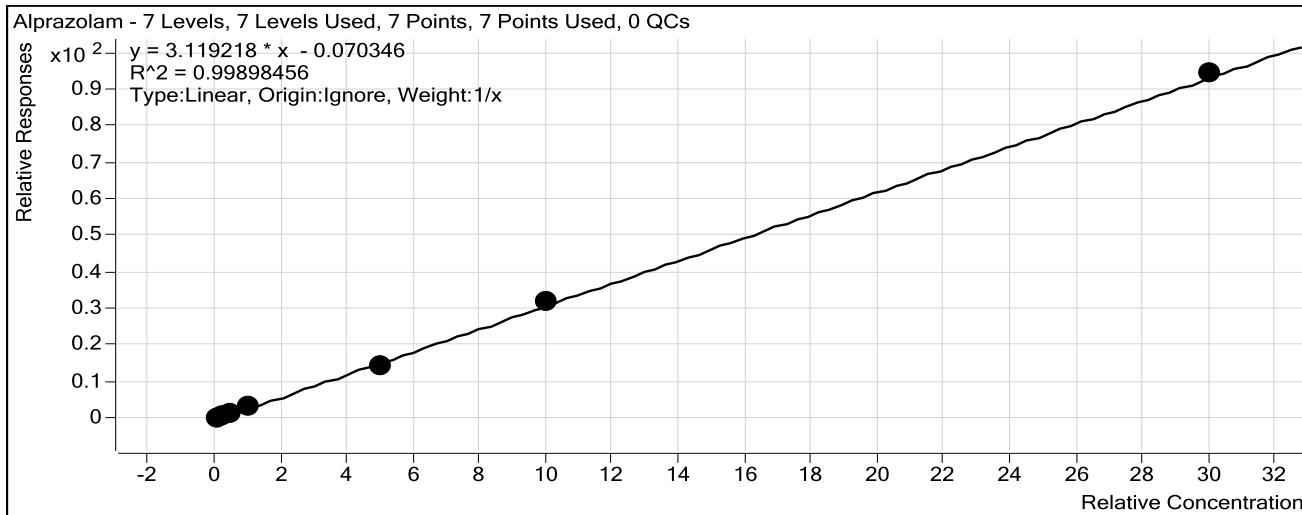
Last Calib Update 7/15/2016 10:27 AM

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	10.4	104.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.6	103.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.6	102.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	456.3	91.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1017.8	101.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3022.3	100.7

ISP Forensics Calibration Curve Report

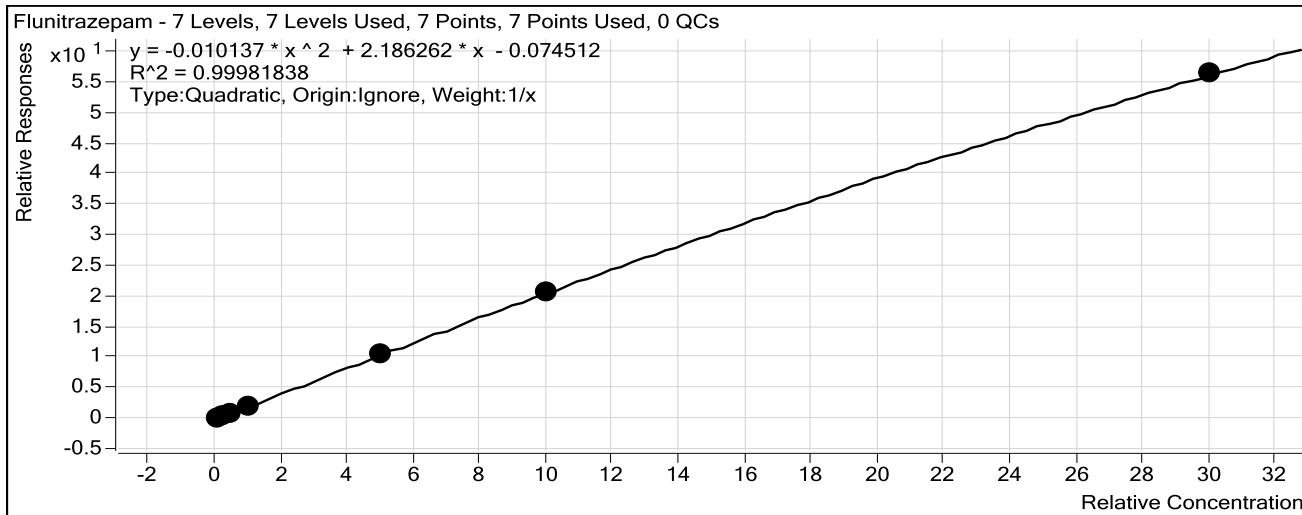
Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

Last Calib Update 7/15/2016 10:27 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	11.3	112.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.2	102.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	503.9	100.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.1	99.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.9	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin

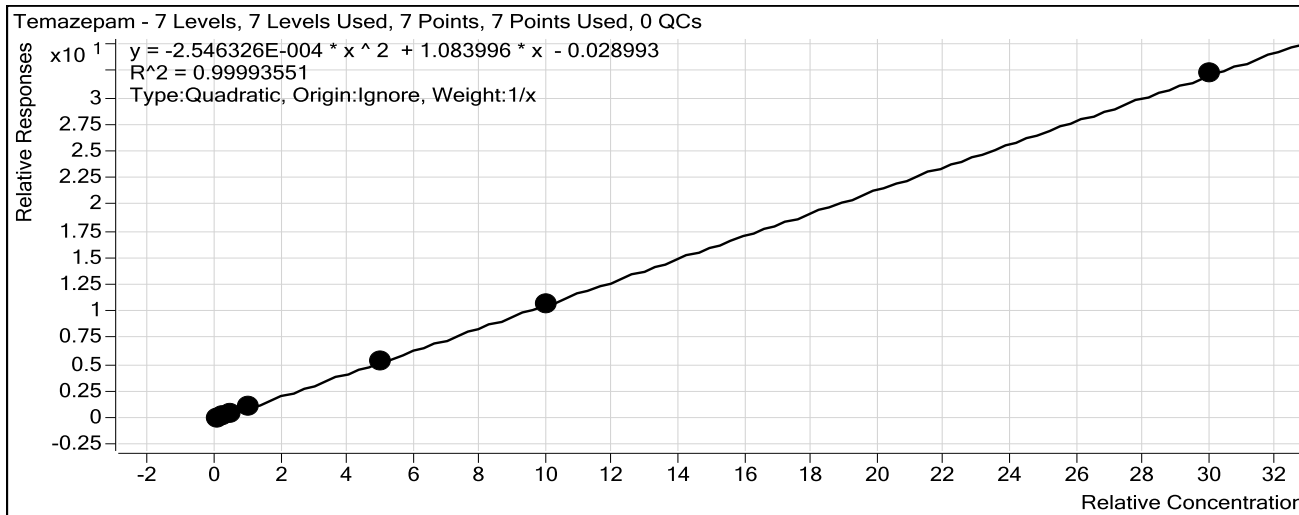
Last Calib Update 7/15/2016 10:27 AM

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	10.7	107.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	95.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.2	96.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.8	99.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	507.0	101.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.8	99.5
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\071216 CS\QuantResults\bz713poc.batch.bin

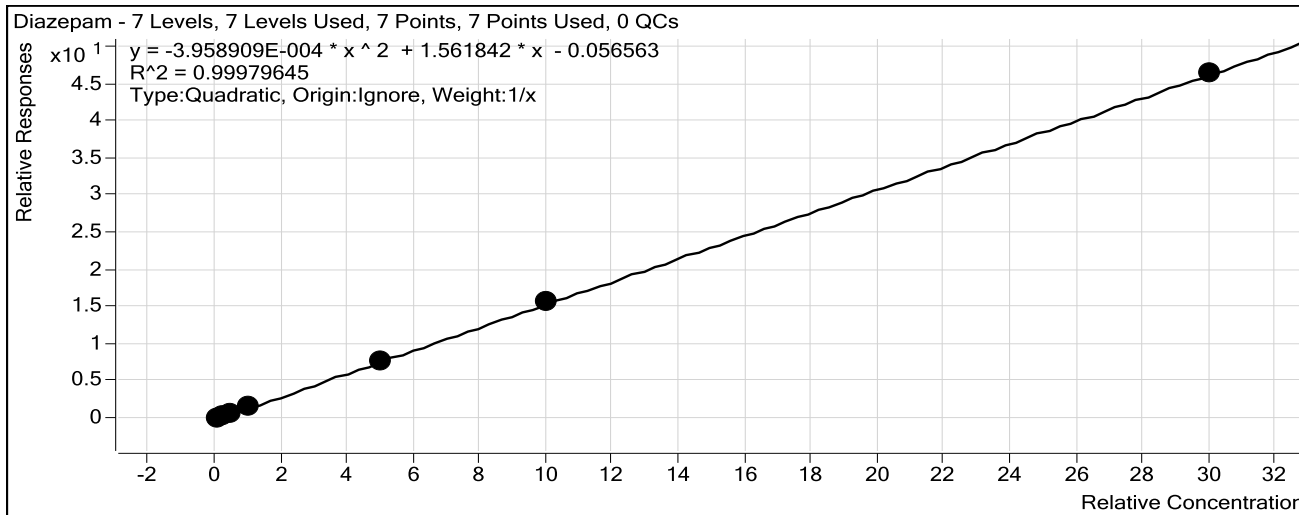
Last Calib Update 7/15/2016 10:27 AM

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	11.5	115.2
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.8	96.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	496.3	99.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1014.3	101.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2996.0	99.9

ISP FORENSICS

Pocatello

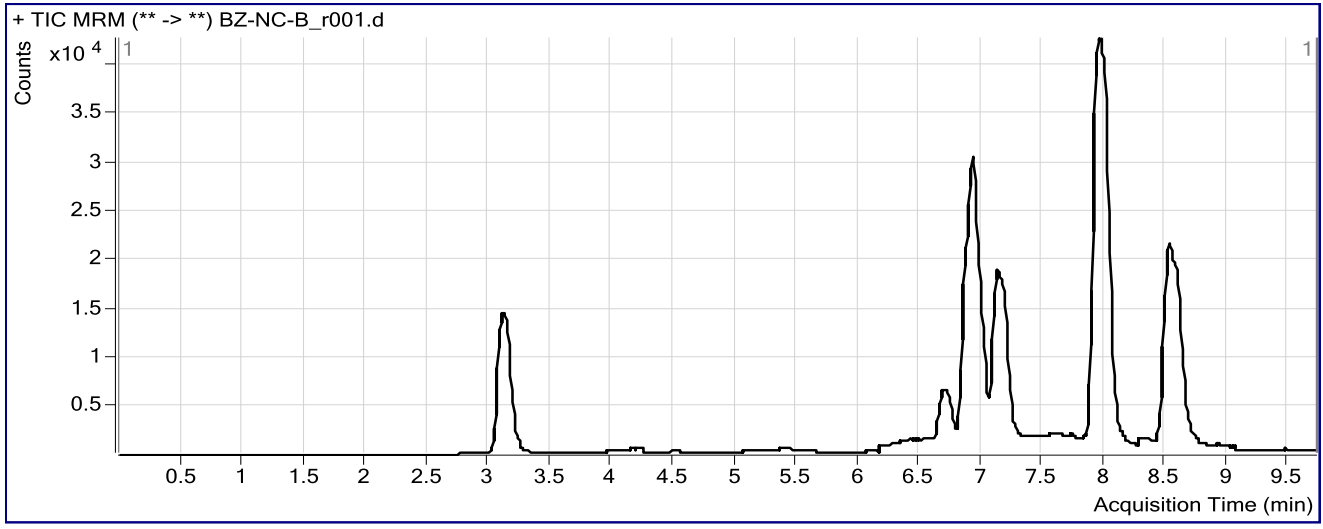
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin
Analysis Time 7/15/2016 10:27 AM **Analyst Name** ISPUser
Report Time 7/15/2016 10:30 AM **Reporter Name** ISPUser
Last Calib Update 7/15/2016 10:27 AM **Batch State** Processed

Analysis Info

Acq Time	2016-07-13 12:41	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 B1013
Inj Vol	-1	Comment	UTAK B1013

Sample Chromatogram



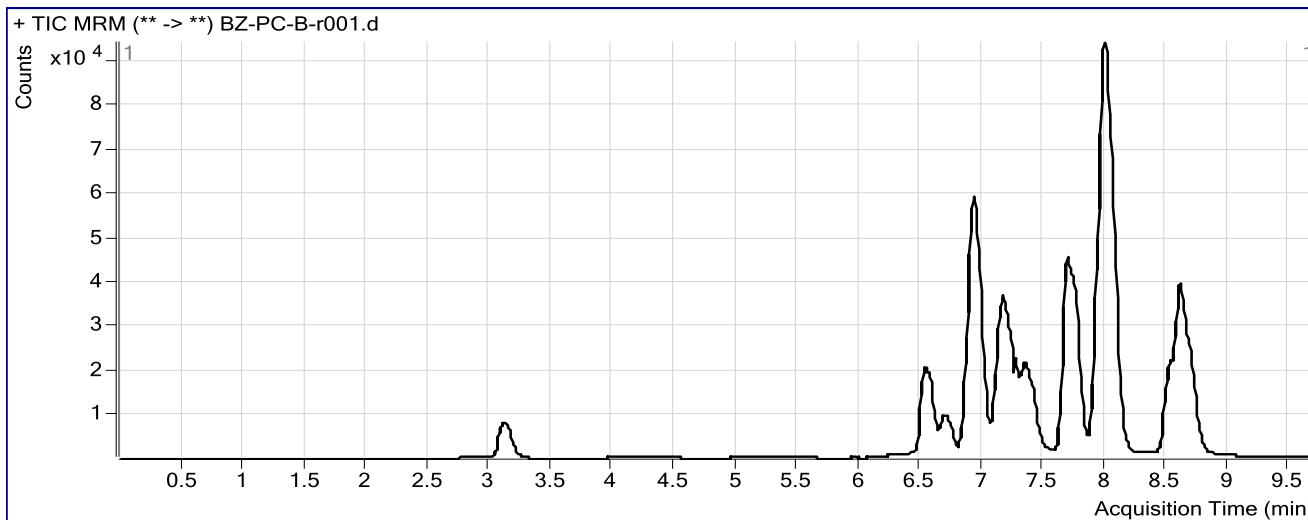
ISP FORENSICS Pocatello Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2016\Combined\071216 CS\QuantResults\bz713poc.batch.bin
Analysis Time 7/15/2016 10:27 AM **Analyst Name** ISPUser
Report Time 7/15/2016 10:30 AM **Reporter Name** ISPUser
Last Calib Update 7/15/2016 10:27 AM **Batch State** Processed

Analysis Info

Acq Time 2016-07-13 12:56 **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** Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK B1013
Inj Vol -1 **Comment** UTAK B1013 + WS060716

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.532	89987	108178	0.8318	142.3421
Oxazepam	Nordiazepam-D5 ISTD	6.925	140850	46926	3.0015	111.7248
Clonazepam	Clonazepam-D4 ISTD	7.159	97054	108178	0.8972	116.8048
Lorazepam	Nordiazepam-D5 ISTD	7.242	19371	46926	0.4128	112.3017
Alprazolam	alphanhydroxyalprazolam-D5 ISTD	7.354	107479	37103	2.8968	95.1238
Flunitrazepam	Clonazepam-D4 ISTD	7.681	252890	108178	2.3377	110.9065
Temazepam	Temazepam-D5 ISTD	7.995	383754	303965	1.2625	119.1748
Diazepam	Diazepam-D5 ISTD	8.616	168830	105829	1.5953	105.7932