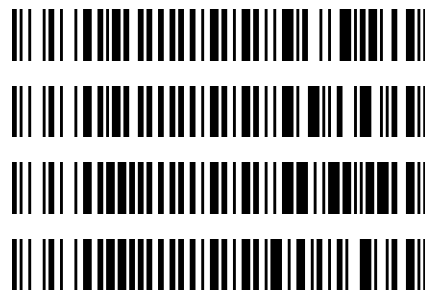


Worklist: 1018

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
M2015-4078	1	51406	6.1.1 Blood LCMS-QQQ Benzoc
M2015-4198	1	51407	6.1.1 Blood LCMS-QQQ Benzoc
P2015-2580	1	51409	6.1.1 Blood LCMS-QQQ Benzoc
P2015-2683	1	51410	6.1.1 Blood LCMS-QQQ Benzoc



Reviewed 2/26/16

A handwritten signature in green ink, consisting of a horizontal line with a large, stylized loop above it.

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\CS Combined 021916.wkl
Date Modified:	02/19/2016 12:39:42 PM
Date Printed:	02/19/2016 12:44:39 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 M2015-4136-1	isp blood cannabinoids Poky 2016.m	M2015-4136-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B2	M2015-4136-1	isp blood cannabinoids Poky 2016.m	M2015-4136-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4198-1	isp blood cannabinoids Poky 2016.m	M2015-4198-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B3	M2015-4198-1	isp blood cannabinoids Poky 2016.m	M2015-4198-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank M2015-4230-1	isp blood cannabinoids Poky 2016.m	M2015-4230-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B4	M2015-4230-1	isp blood cannabinoids Poky 2016.m	M2015-4230-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2574-1	isp blood cannabinoids Poky 2016.m	P2015-2574-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B5	P2015-2574-1	isp blood cannabinoids Poky 2016.m	P2015-2574-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P2-A9	Blank P2015-2579-1	isp blood cannabinoids Poky 2016.m	P2015-2579-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B6	P2015-2579-1	isp blood cannabinoids Poky 2016.m	P2015-2579-1-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 P2015-2608-1	isp blood cannabinoids Poky 2016.m	P2015-2608-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B7	P2015-2608-1	isp blood cannabinoids Poky 2016.m	P2015-2608-1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info. ٧
P2-A9	Blank P2015-2683-1	isp blood cannabinoids Poky 2016.m	P2015-2683-1_BLK_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P2-B8	P2015-2683-1	isp blood cannabinoids Poky 2016.m	P2015-2683-1-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 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-5 ng/mL-r001.d	Calibration	1	AM 6.1.1 Benzo and Z by LCQQQ	
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	
P1-F6	25 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-25 ng/mL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F5	50 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-50 ng/mL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F4	100 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-100 ng/mL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F3	500 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-500 ng/mL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F2	1000 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-1000 ng/mL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-F1	3000 ng/mL	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-3000 ng/mL_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- 4078-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015- 4078-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E7	M2015- 4078-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4078-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - M2015- 4198-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-M2015- 4198-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E6	M2015- 4198-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-M2015-4198-1- r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
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 - P2015-2580-1		BZ-Carryover blank-P2015-2580-1_r001.d			AM 6.1.1 Benzo and Z by LCQQQ	
P1-E5	P2015-2580-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2580-1-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-E9	Blank - P2015-2683-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-Carryover blank-P2015-2683-1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-E4	P2015-2683-1	Benzos_Z_Drugs_ACN_FA_ISP_2015.m	BZ-P2015-2683-1-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

Pocatello

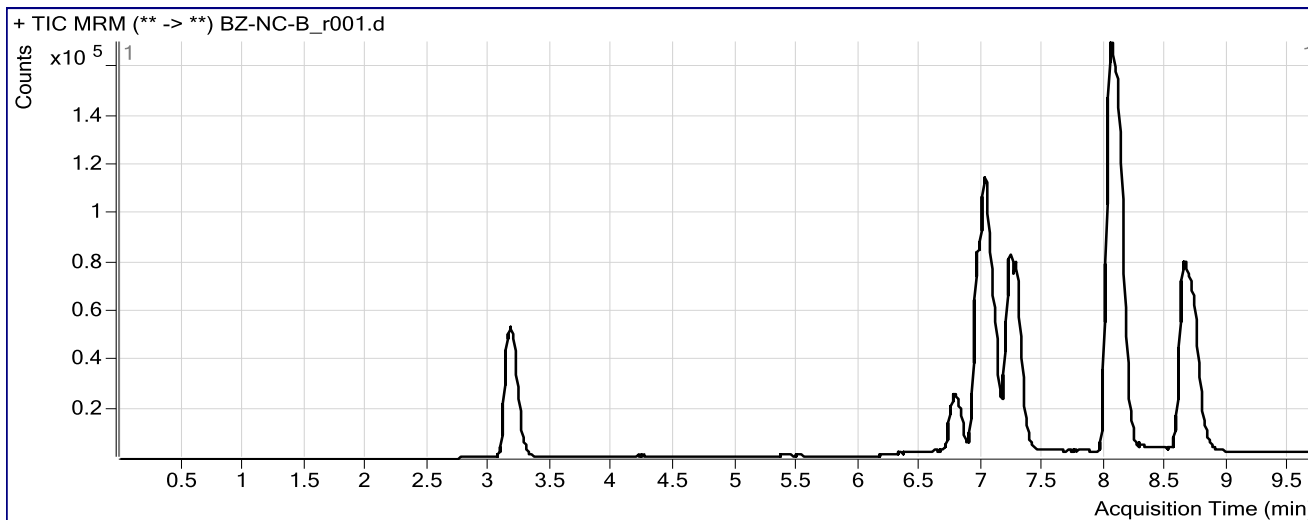
Benzodiazepine Analysis Report

Batch Data Path	C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin		
Analysis Time	2/25/2016 3:03 PM	Analyst Name	ISPUser
Report Time	2/25/2016 3:06 PM	Reporter Name	ISPUser
Last Calib Update	2/25/2016 3:03 PM	Batch State	Processed

Analysis Info

Acq Time	2016-02-19 22:15	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	4.568	1991	237943	0.0084	0.0000
quetiapine	Nordiazepam-D5 ISTD	5.523	3203	237943	0.0135	1.6117 *
Flurazepam	Diazepam-D5 ISTD	6.005	0	394889	0.0000	0.0000
Flunitrazepam	Clonazepam-D4 ISTD	7.807	0	504061	0.0000	0.0000
Diazepam	Diazepam-D5 ISTD	8.808	0	394889	0.0000	0.0000

*Quetiapine was not detected in any of the case samples.

CS

ISP FORENSICS

Pocatello

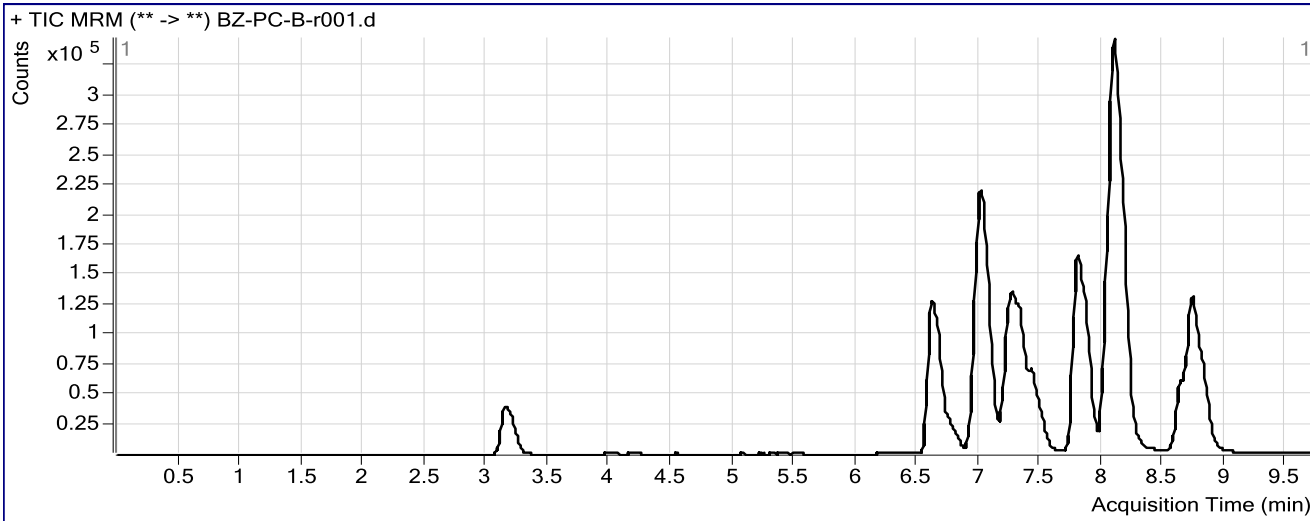
Benzodiazepine Analysis Report

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Analysis Time 2/25/2016 3:03 PM **Analyst Name** ISPUser
Report Time 2/25/2016 3:06 PM **Reporter Name** ISPUser
Last Calib Update 2/25/2016 3:03 PM **Batch State** Processed

Analysis Info

Acq Time 2016-02-19 22:31 **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	4.585	1960	171345	0.0114	0.0000
quetiapine	Nordiazepam-D5 ISTD	5.489	2552	171345	0.0149	1.6298
Nitrazepam	Clonazepam-D4 ISTD	6.615	573534	366982	1.5628	315.9894
Oxazepam	Nordiazepam-D5 ISTD	7.001	606937	171345	3.5422	109.4892
Nordiazepam	Nordiazepam-D5 ISTD	7.003	1851	171345	0.0108	3.6654
Clonazepam	Clonazepam-D4 ISTD	7.251	427216	366982	1.1641	163.9780
Lorazepam	Nordiazepam-D5 ISTD	7.335	88626	171345	0.5172	73.0083
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.438	305911	83384	3.6687	118.6982
Flunitrazepam	Clonazepam-D4 ISTD	7.790	938381	366982	2.5570	76.5837
Temazepam	Temazepam-D5 ISTD	8.096	1520214	915684	1.6602	180.5448
Diazepam	Diazepam-D5 ISTD	8.733	602015	266116	2.2622	152.0317

ISP FORENSICS

Pocatello

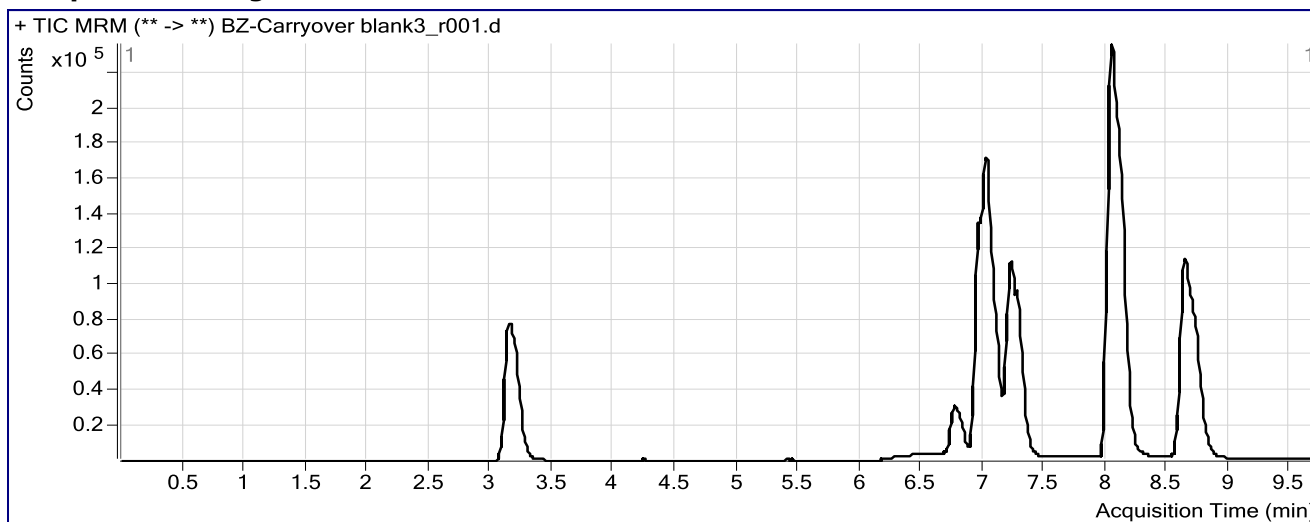
Benzodiazepine Analysis Report

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Analysis Time 2/25/2016 3:03 PM **Analyst Name** ISPUser
Report Time 2/25/2016 3:07 PM **Reporter Name** ISPUser
Last Calib Update 2/25/2016 3:03 PM **Batch State** Processed

Analysis Info

Acq Time 2016-02-20 00:51 **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



ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

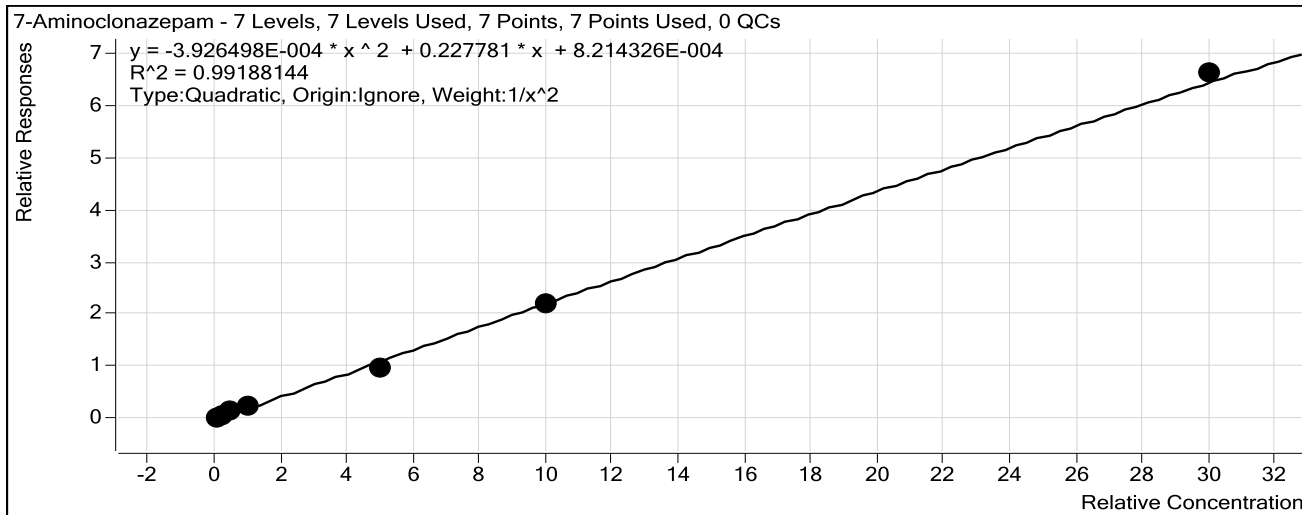
Last Calib Update 2/25/2016 3:03 PM

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	99.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	55.3	110.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	106.8	106.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	435.0	87.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.7	99.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3068.5	102.3

ISP Forensics Calibration Curve Report

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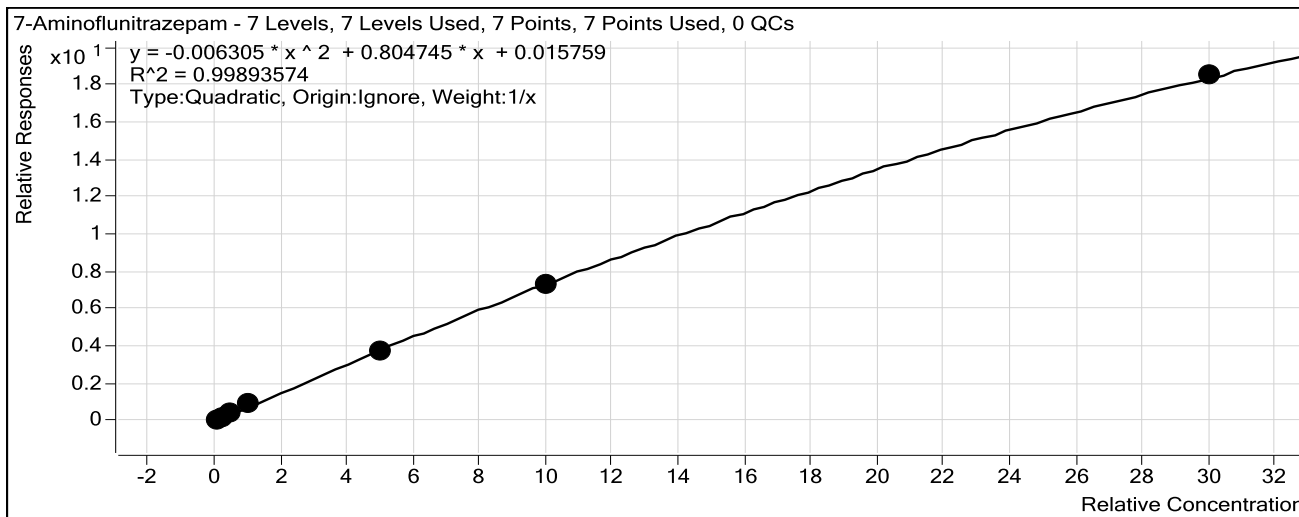
Last Calib Update 2/25/2016 3:03 PM

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	8.3	83.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	56.2	112.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	113.3	113.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.6	97.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.4	99.0
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3008.0	100.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

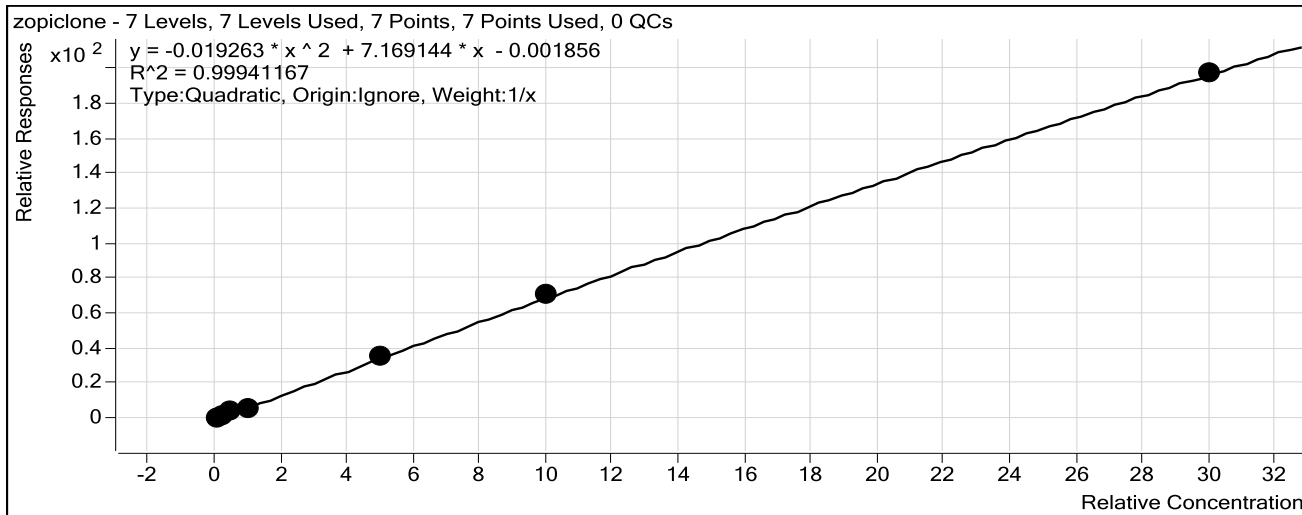
Last Calib Update 2/25/2016 3:03 PM

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	10.6	106.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.9	103.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.2	102.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	86.2	86.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	498.8	99.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1018.2	101.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.9	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

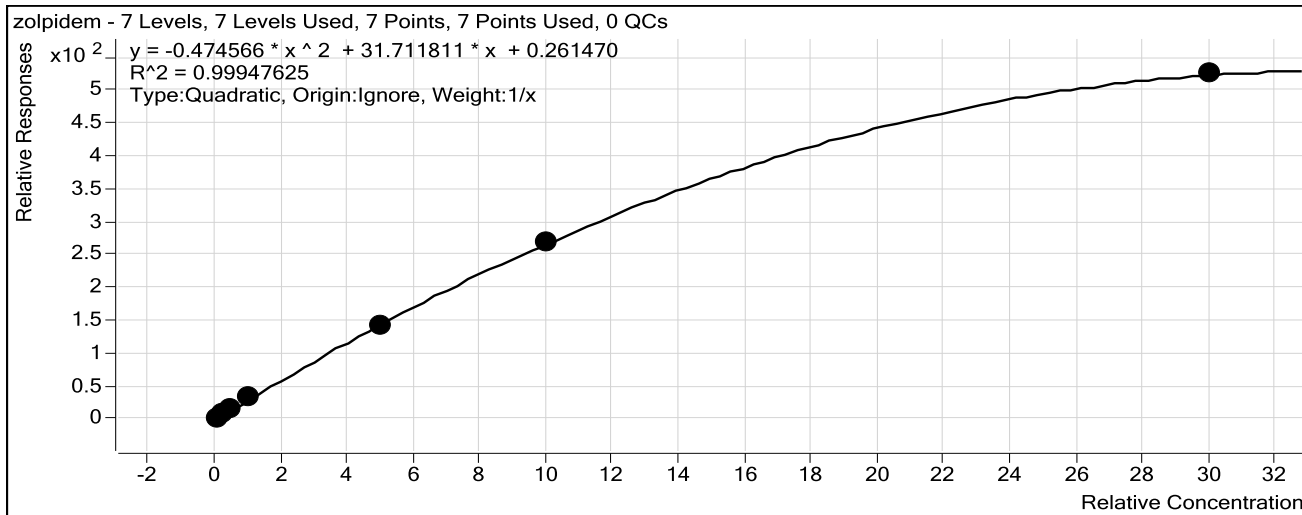
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound zolpidem

Internal Standard Nordiazepam-D5 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.2	91.6
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	96.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	53.3	106.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	107.9	107.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	490.3	98.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.9	99.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3020.6	100.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

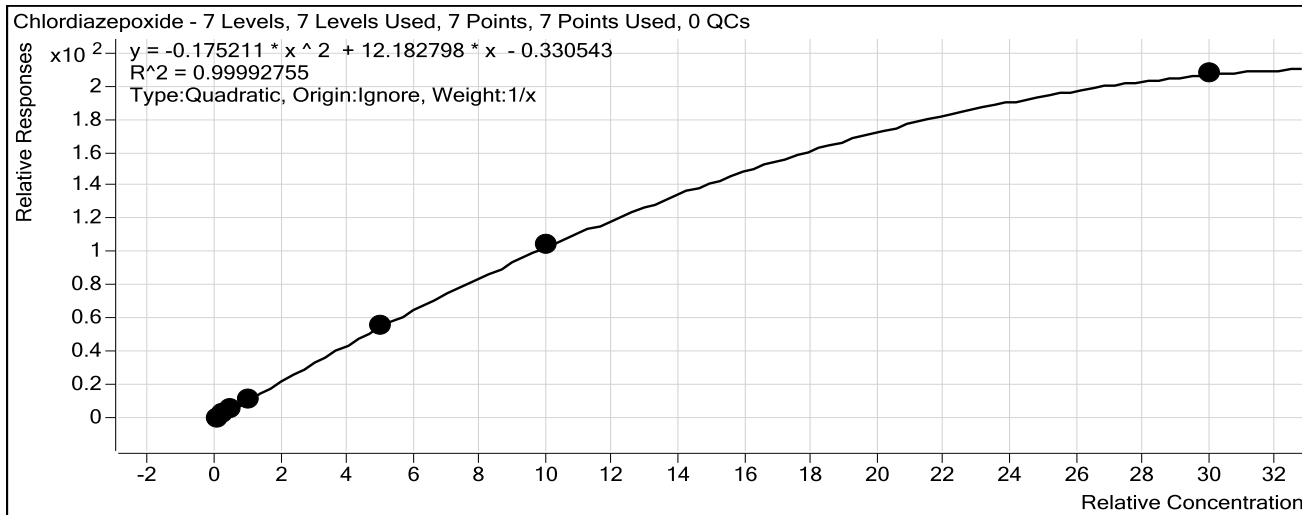
Last Calib Update 2/25/2016 3:03 PM

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	10.7	107.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.1	98.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.7	98.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	502.1	100.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1002.3	100.2
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\021916 CS\QuantResults\021916 BENZ CS.batch.bin

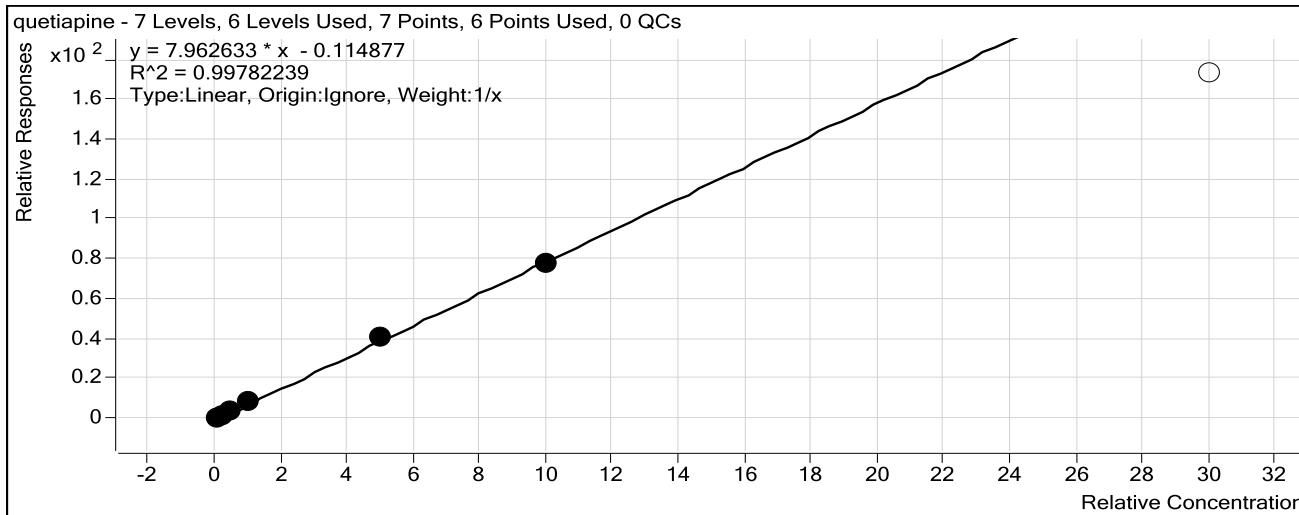
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound *quetiapine*

Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	9.9	98.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	21.4	85.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.5	102.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	111.9	111.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	516.7	103.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	973.6	97.4
3000 ng/mL	8	<input type="checkbox"/>	3000	2173.9	72.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

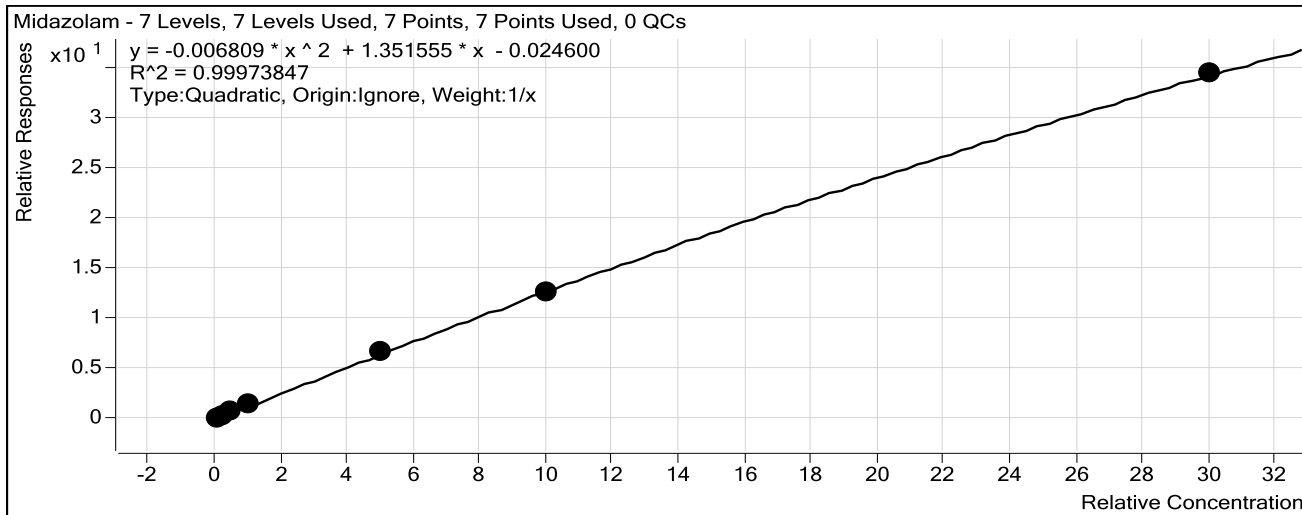
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound Midazolam

Internal Standard Clonazepam-D4 ISTD



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.7	107.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.2	92.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.2	96.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	102.2	102.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	514.2	102.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	982.6	98.3
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\021916 CS\QuantResults\021916 BENZ CS.batch.bin

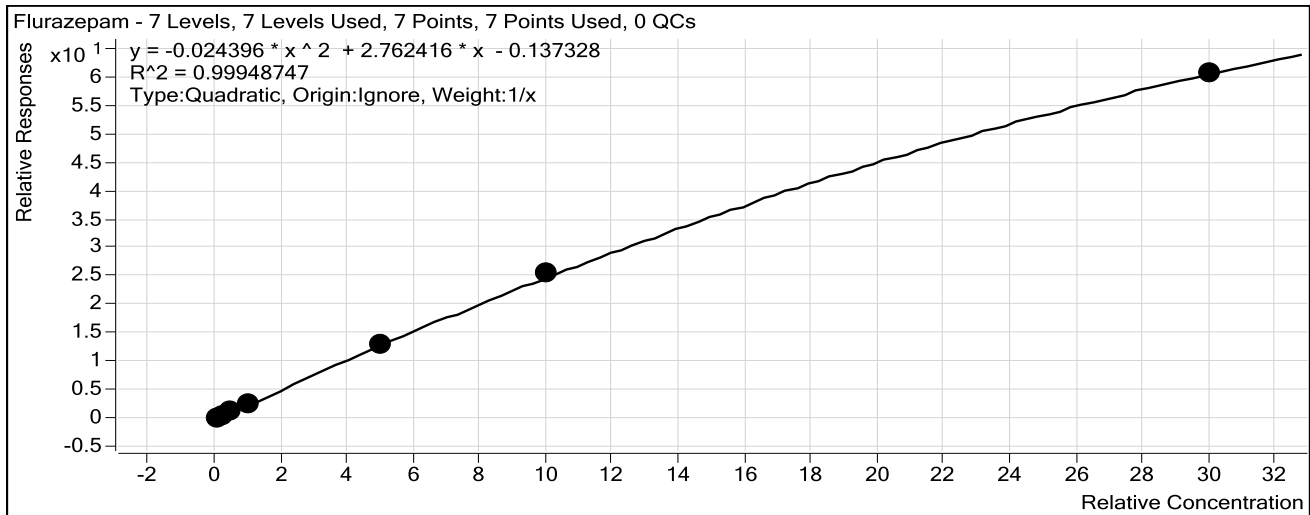
Last Calib Update 2/25/2016 3:03 PM

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	11.4	113.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.1	96.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.3	91.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	494.7	98.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1024.3	102.4
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2988.3	99.6

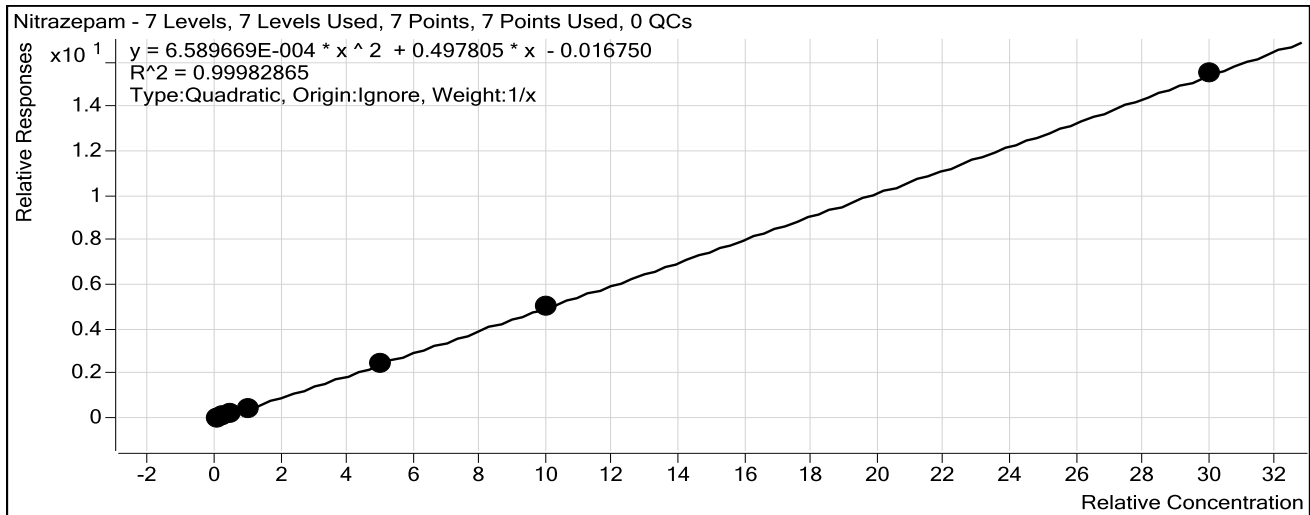
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

Last Calib Update 2/25/2016 3:03 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	11.7	116.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.8	91.4
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.4	92.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.2	98.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	504.3	100.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1003.1	100.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2998.5	99.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

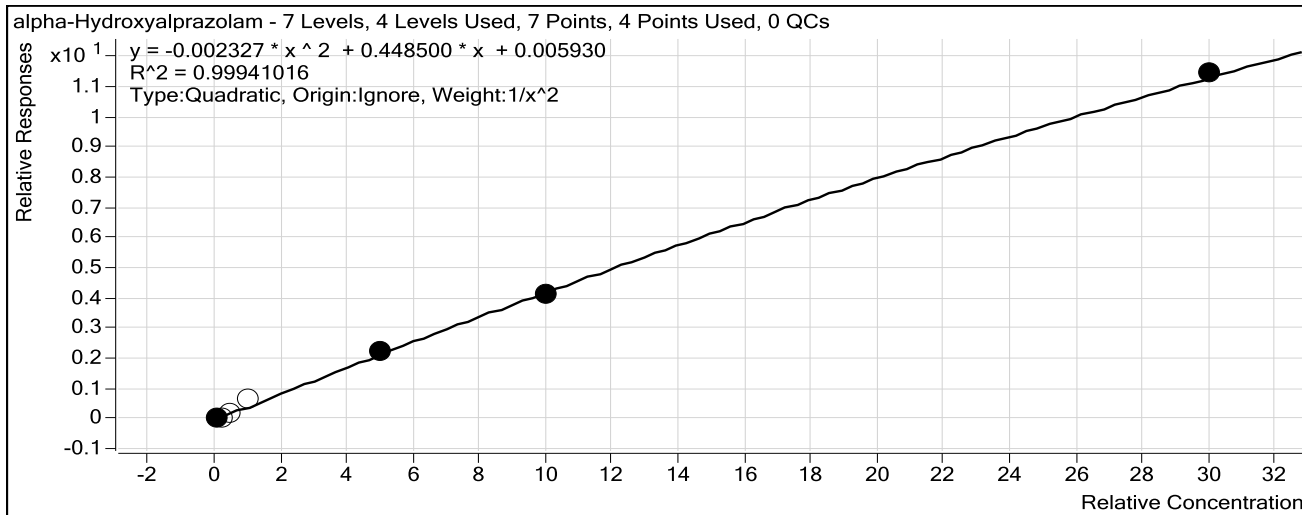
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound *alpha-Hydroxyalprazolam*

Internal Standard *alphahydroxyalprazolam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.0	100.0
25 ng/mL	3	<input type="checkbox"/>	25	9.2	36.7
50 ng/mL	4	<input type="checkbox"/>	50	42.9	85.8
100 ng/mL	5	<input type="checkbox"/>	100	147.0	147.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	512.6	102.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	967.1	96.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3025.6	100.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

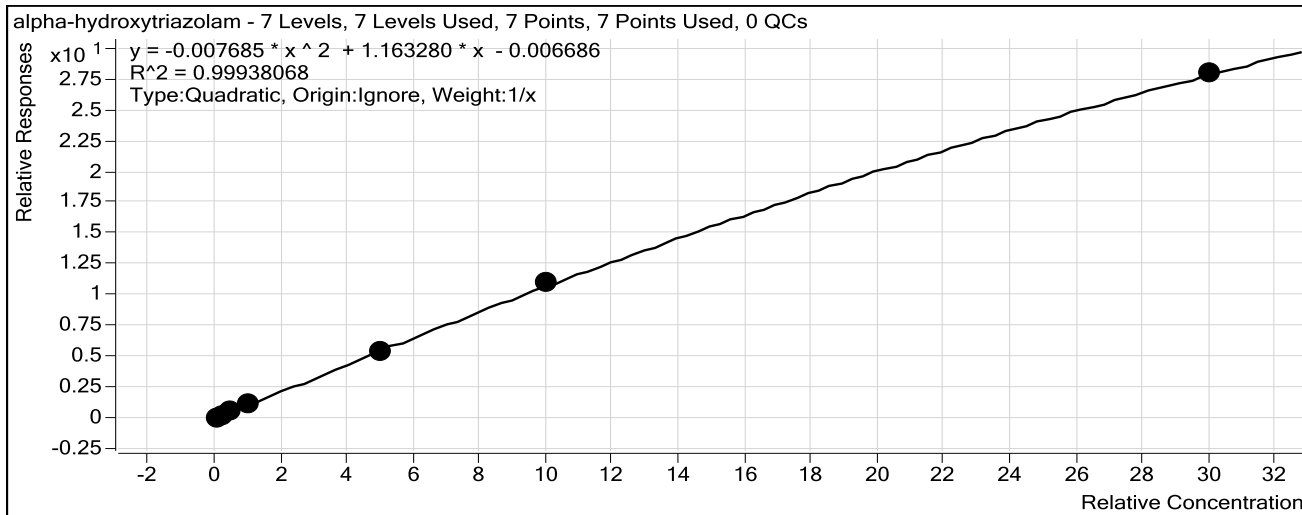
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound *alpha-hydroxytriazolam*

Internal Standard *Nordiazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	10.1	100.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.8	95.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	50.5	101.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	105.7	105.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	474.8	95.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.6	102.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.0	99.8

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

Last Calib Update 2/25/2016 3:03 PM

Analyst Name

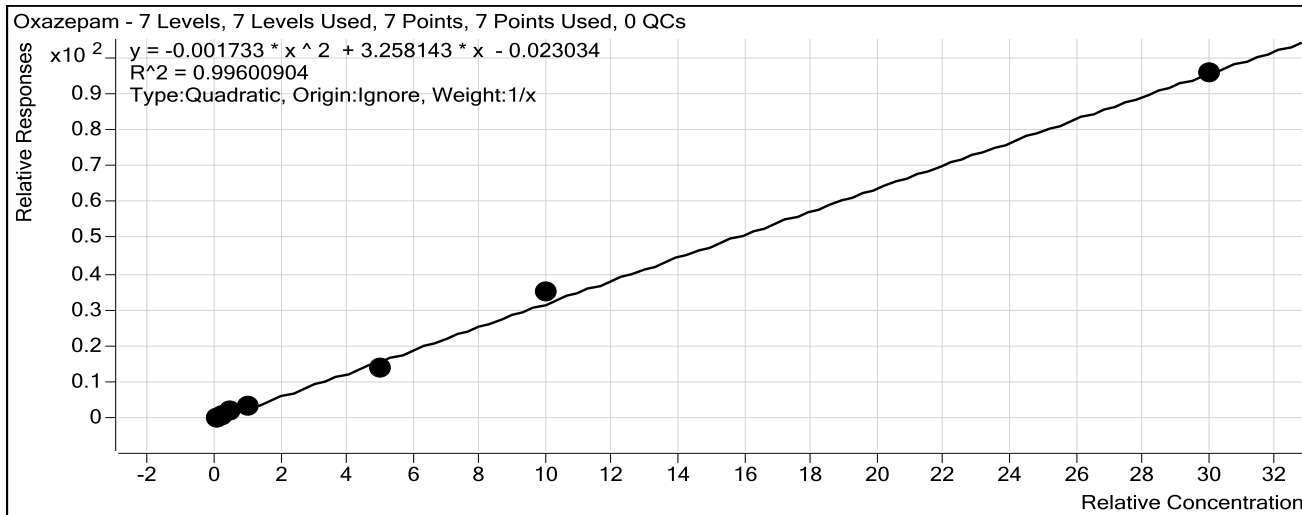
ISP TOX

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	10.3	102.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.1	92.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	56.1	112.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	99.0	99.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	430.4	86.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1082.4	108.2
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2983.8	99.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

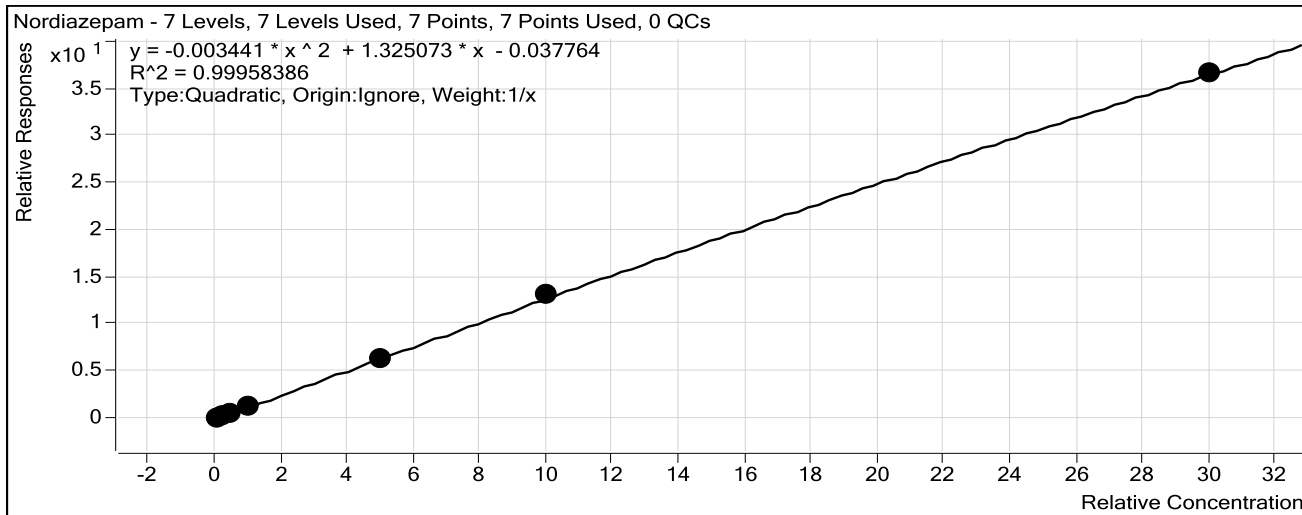
Last Calib Update 2/25/2016 3:03 PM

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	11.9	118.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.4	92.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	94.6	94.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	492.2	98.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1023.4	102.3
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2993.0	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

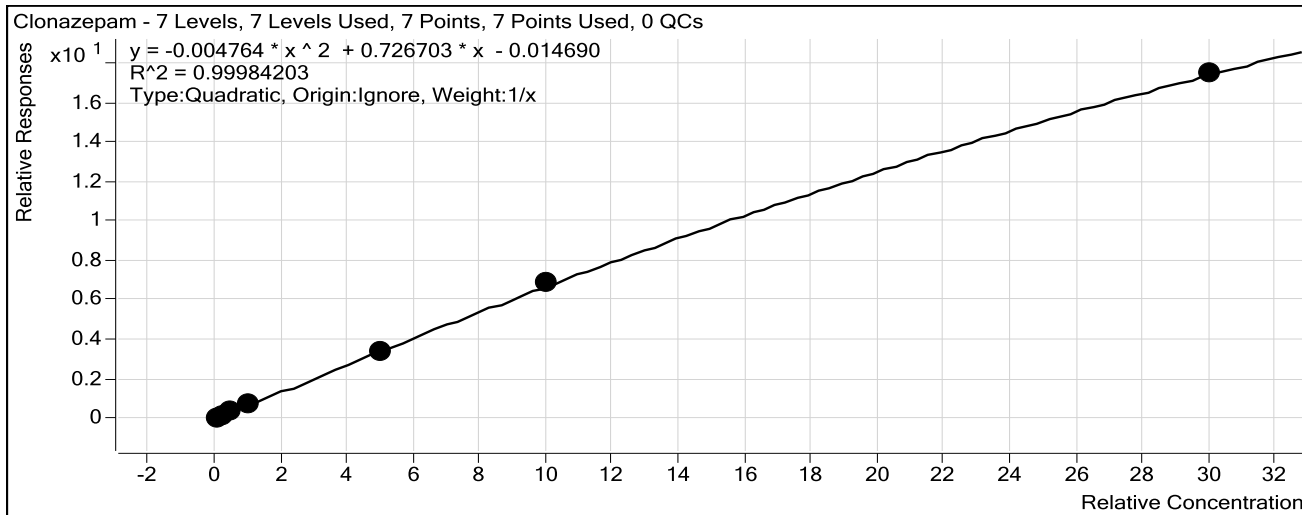
Last Calib Update 2/25/2016 3:03 PM

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	10.9	108.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.6	94.2
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.4	98.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	98.3	98.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	491.8	98.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1015.8	101.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2994.7	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

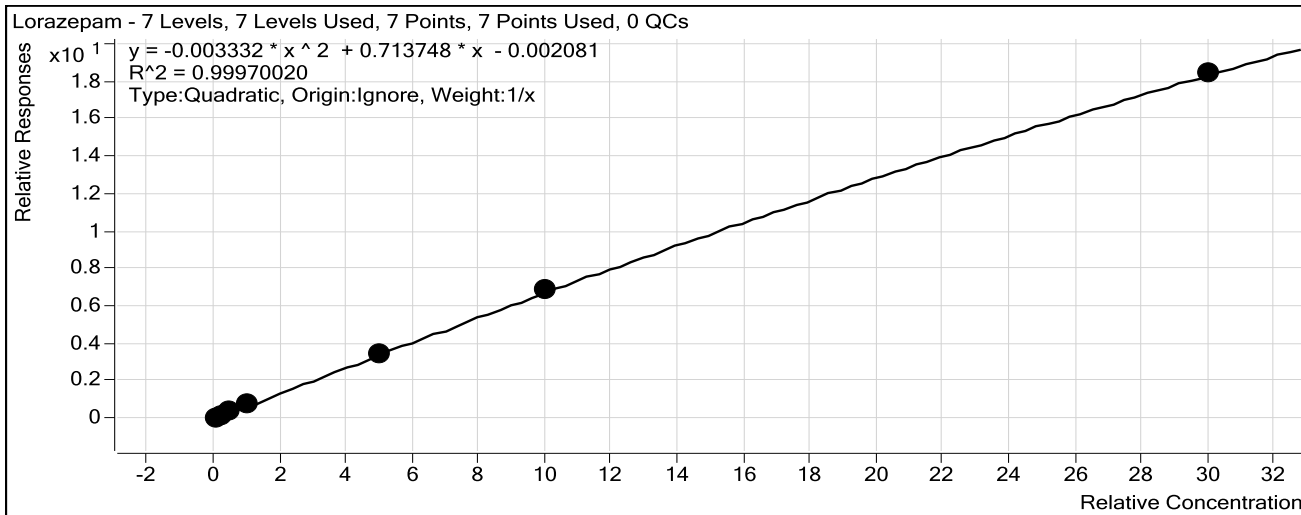
Last Calib Update 2/25/2016 3:03 PM

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	9.5	95.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	54.5	108.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	104.3	104.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	486.8	97.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1006.7	100.7
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2999.8	100.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

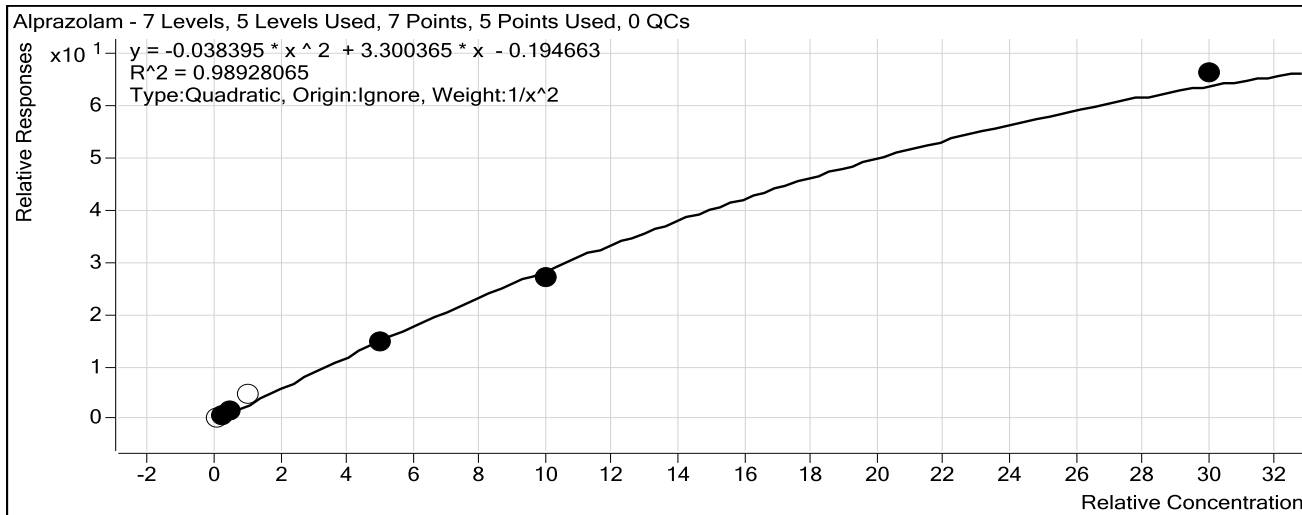
Last Calib Update 2/25/2016 3:03 PM

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	17.2	172.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	56.2	112.5
100 ng/mL	5	<input type="checkbox"/>	100	149.0	149.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	480.2	96.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	934.8	93.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3230.2	107.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

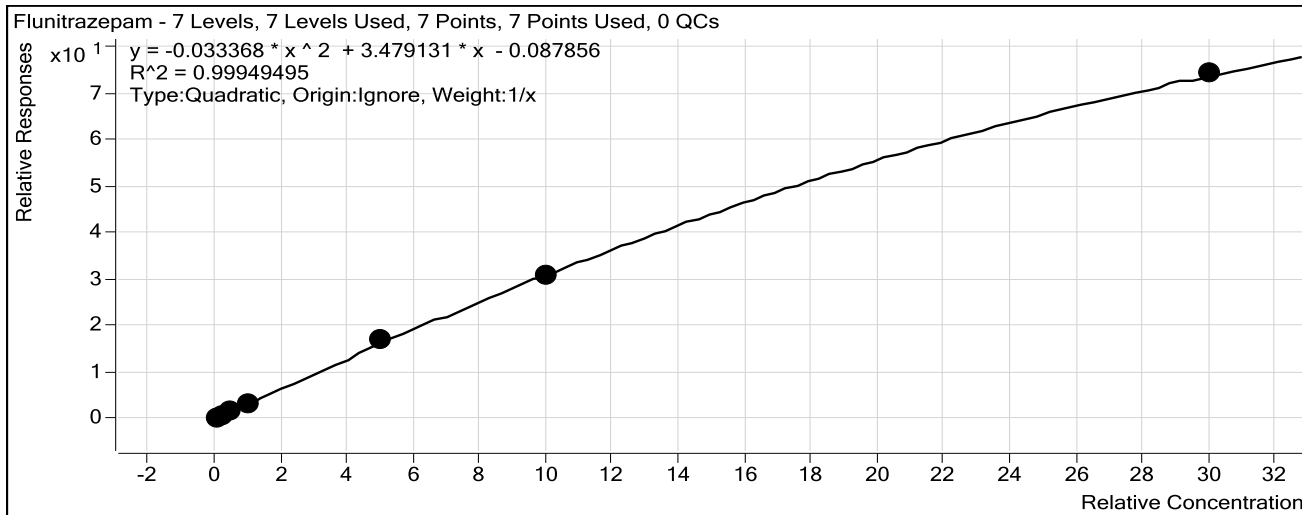
Last Calib Update 2/25/2016 3:03 PM

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	106.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.8	93.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.3	100.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	521.2	104.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	975.5	97.5
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	3008.2	100.3

ISP Forensics Calibration Curve Report

CS

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

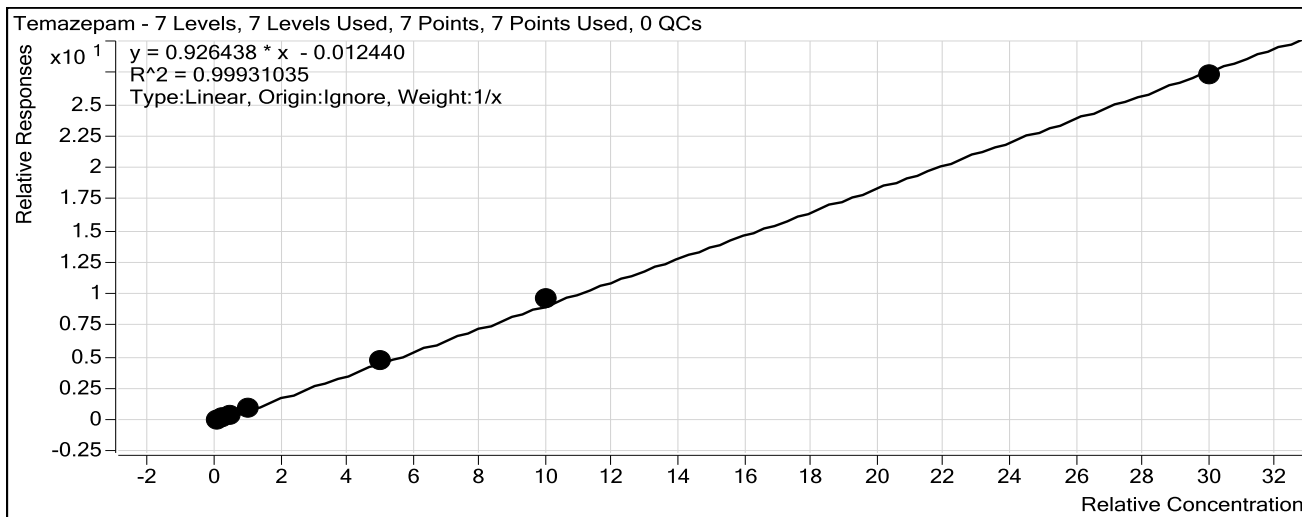
Last Calib Update 2/25/2016 3:03 PM

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	10.6	106.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.4	93.6
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.6	97.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.7	97.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	516.1	103.2
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1038.3	103.8
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2950.2	98.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2016\Combined\021916 CS\QuantResults\021916 BENZ CS.batch.bin

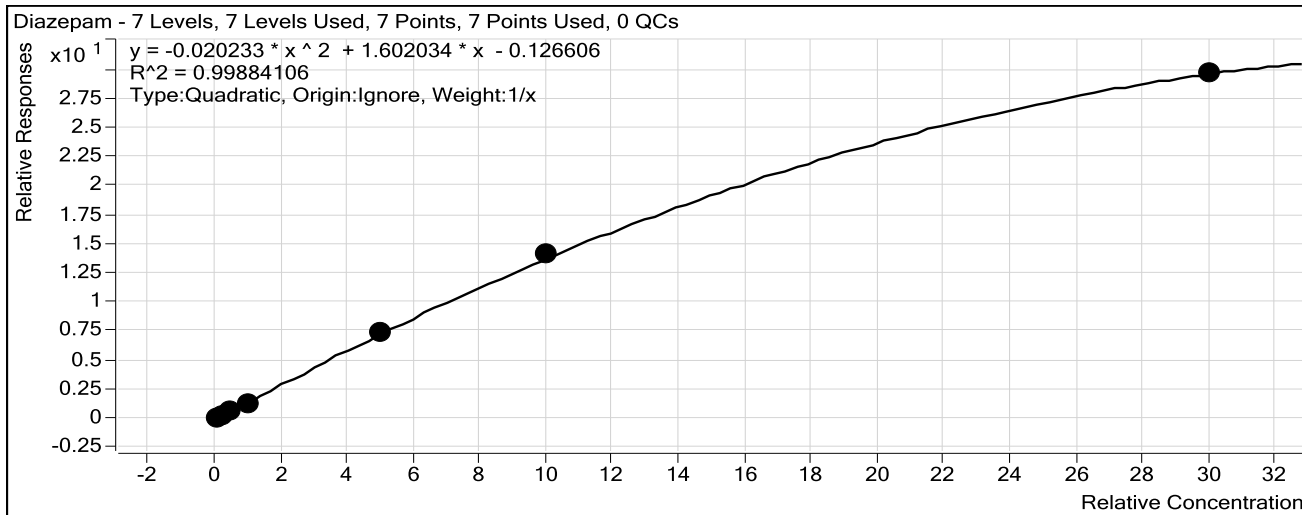
Last Calib Update 2/25/2016 3:03 PM

Analyst Name

ISP TOX

Target Compound *Diazepam*

Internal Standard *Diazepam-D5 ISTD*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.9	119.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	100.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.6	91.2
100 ng/mL	5	<input checked="" type="checkbox"/>	100	87.3	87.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	502.2	100.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	1025.8	102.6
3000 ng/mL	8	<input checked="" type="checkbox"/>	3000	2974.6	99.2