

TS

11/24/2017

Worklist: 2044

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
P2017-2394	1	100885	AM 13 Blood LCMS-QQQ Benz
P2017-2478	1	100887	AM 13 Blood LCMS-QQQ Benz



TS

Worklist Report

Worklist Path:	C:\MassHunter\ISP Methods\worklists\TS Combined 112217.wkl
Date Modified:	11/22/2017 12:29:08 PM
Date Printed:	11/22/2017 12:29:22 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\2017\Combined\112217 TS
Pre-Worklist Script:	---
Post-Worklist Script:	SCP_InstrumentStandby(){MH_Acq_Scripts.exe}
Acquisition Clean Up Script:	---
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

Position of samples verified. TS

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-Blank.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-Blank1-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-Blank2-r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-A2	10 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-10 ngmL-r001.d	Calibration	2	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A3	25 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-25 ngmL_r001.d	Calibration	3	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A4	50 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-50 ngmL_r001.d	Calibration	4	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A5	100 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-100 ngmL_r001.d	Calibration	5	AM 6.1.1 Benzo and Z by LCQQQ	

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
P1-A6	500 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-500 ngmL_r001.d	Calibration	6	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A7	1000 ngmL	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-1000 ngmL_r001.d	Calibration	7	AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-Carryover blank1_r001.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A8	Negative Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-NC-B_r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	UTAK Negative Whole Blood LOT B1013
P1-A9	Positive Blood Control	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-PC-B-r001.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-Carryover blank.d	Blank		AM 6.1.1 Benzo and Z by LCQQQ	
P1-B1	P2017-2394-1	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	P2017-2394-1.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	Blood
P1-B2	P2017-2478-1	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	P2017-2478-1.d	Sample		AM 6.1.1 Benzo and Z by LCQQQ	
P1-A1	Blank	Benzos_Z_Drugs_ACN_FA_ISP_2017.m	BZ-end of run blank.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P1-D1	Blank	isp blood cannabinoids Poky 2016-3.m	MJ-Blank1-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P1-D1	Blank	isp blood cannabinoids Poky 2016-3.m	MJ-Blank2-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P1-D2	Blood: 1_5 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL1-r001.d	Calibration	1	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @5ng/mL, all others @1 ng/mL
P1-D3	Blood: 2_10 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL2_r001.d	Calibration	2	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @10ng/mL, all others @2 ng/mL
P1-D4	Blood: 5_25 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL3_r001.d	Calibration	3	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @25ng/mL, all others @5 ng/mL
P1-D5	Blood: 10_50 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL4_r001.d	Calibration	4	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @50ng/mL, all others @10 ng/mL
P1-D6	Blood: 25_125 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL5_r001.d	Calibration	5	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @125ng/mL, all others @25 ng/mL
P1-D7	Blood: 50_250 ngmL	isp blood cannabinoids Poky 2016-3.m	MJ-CAL6_r001.d	Calibration	6	AM 6.1.2 Cannabinoids by LCQQQ	c-THC @250ng/mL, all others @50 ng/mL
P1-D1	Blank	isp blood cannabinoids Poky 2016-3.m		Blank			

Sample Position	Sample Name	Method	Data File	Sample Type	Level Name	Comment	Info.
			MJ-Carryover blank1_r001.d			AM 6.1.2 Cannabinoids by LCQQQ	
P1-D8	Blood Negative Control	isp blood cannabinoids Poky 2016-3.m	MJ-NC-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Negative Blood UTAK Lot B1013
P1-D9	PC1	isp blood cannabinoids Poky 2016-3.m	MJ-POS Ctrl 1-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Positive Control-UTAK B1013 + WS060716
P1-D1	Blank	isp blood cannabinoids Poky 2016-3.m	MJ-Blank 3_r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	
P1-E1	P2017-2273-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2273-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-E2	P2017-2286-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2286-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	
P1-E3	P2017-2307-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2307-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-E4	P2017-2318-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2318-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	
P1-E5	P2017-2333-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2333-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-E6	PC2	isp blood cannabinoids Poky 2016-3.m	MJ-POS Ctrl 2-r001.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Positive Control-UTAK B1013 + WS060716
P1-E7	P2017-2334-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2334-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-E8	P2017-2384-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2384-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	
P1-E9	P2017-2394-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2394-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	Blood
P1-F1	P2017-2460-1	isp blood cannabinoids Poky 2016-3.m	MJ P2017-2460-1.d	Sample		AM 6.1.2 Cannabinoids by LCQQQ	
P1-D1	Blank	isp blood cannabinoids Poky 2016-3.m	MJ-Blank4-r001.d	Blank		AM 6.1.2 Cannabinoids by LCQQQ	Blood

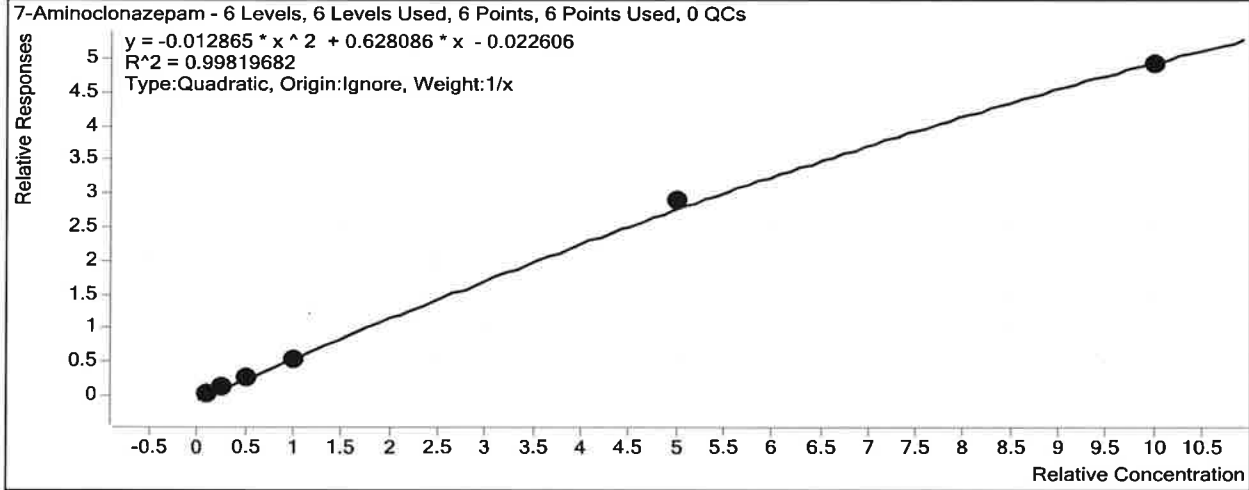
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.6	115.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.3	92.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	523.9	104.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	985.7	98.6

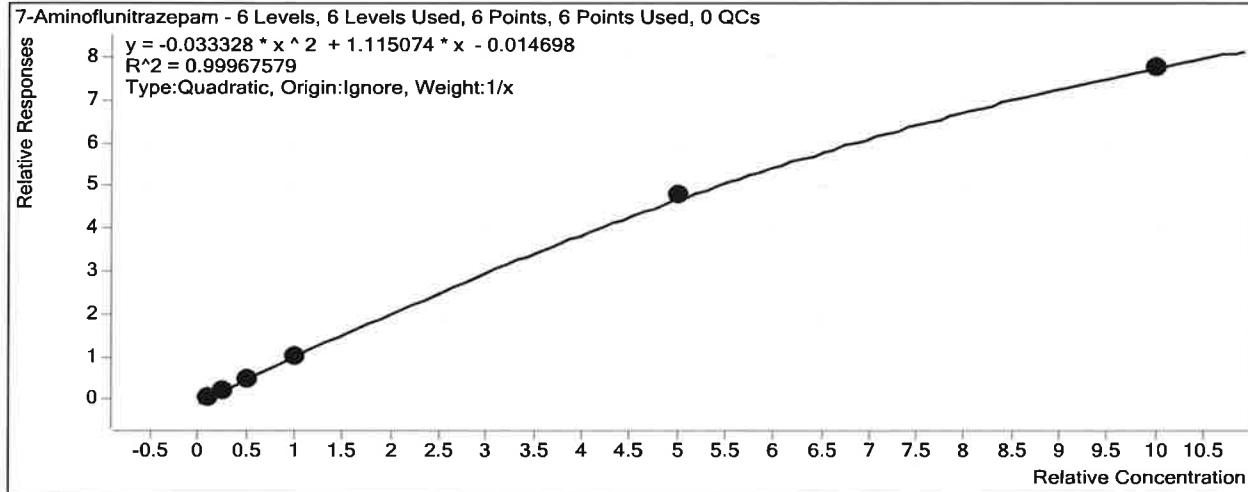
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	10.4	104.3
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.3	98.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.1	96.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	510.4	102.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	992.0	99.2

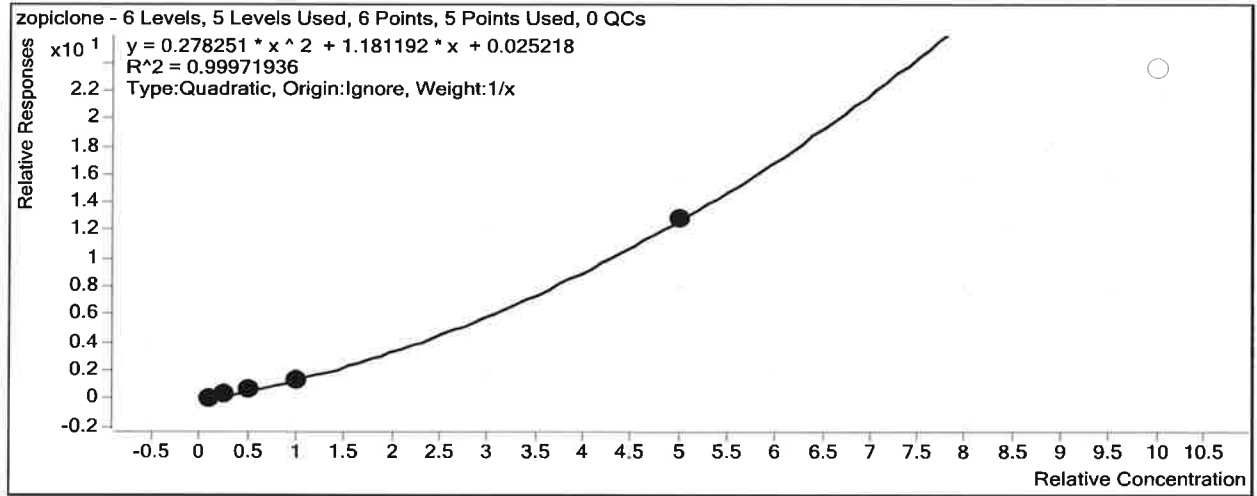
TS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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 checked="" type="checkbox"/>	10	9.2	91.7
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.4	105.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.9	105.8
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.7	96.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	500.2	100.0
1000 ng/mL	7	<input type="checkbox"/>	1000	731.1	73.1

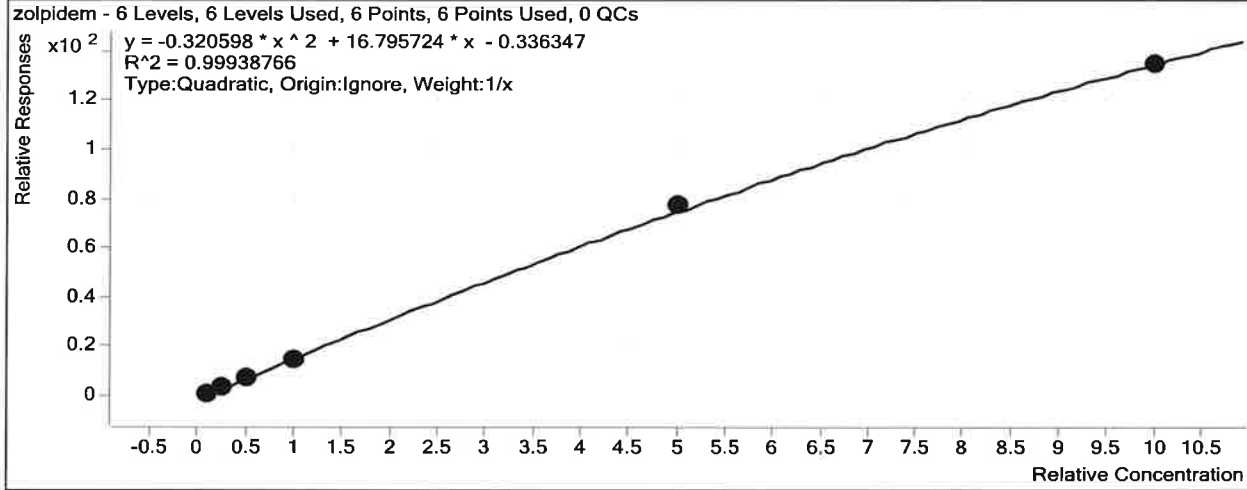
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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 checked="" type="checkbox"/>	10	10.5	104.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.5	99.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	93.7	93.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	513.2	102.6
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	992.4	99.2

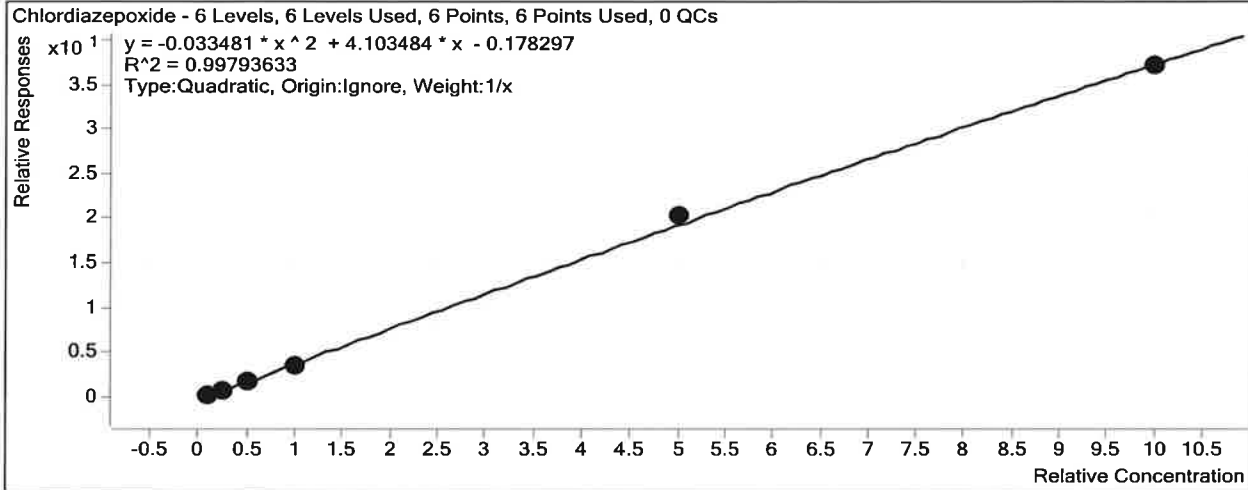
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	116.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.3
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.8	89.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	524.8	105.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	987.8	98.8

TS

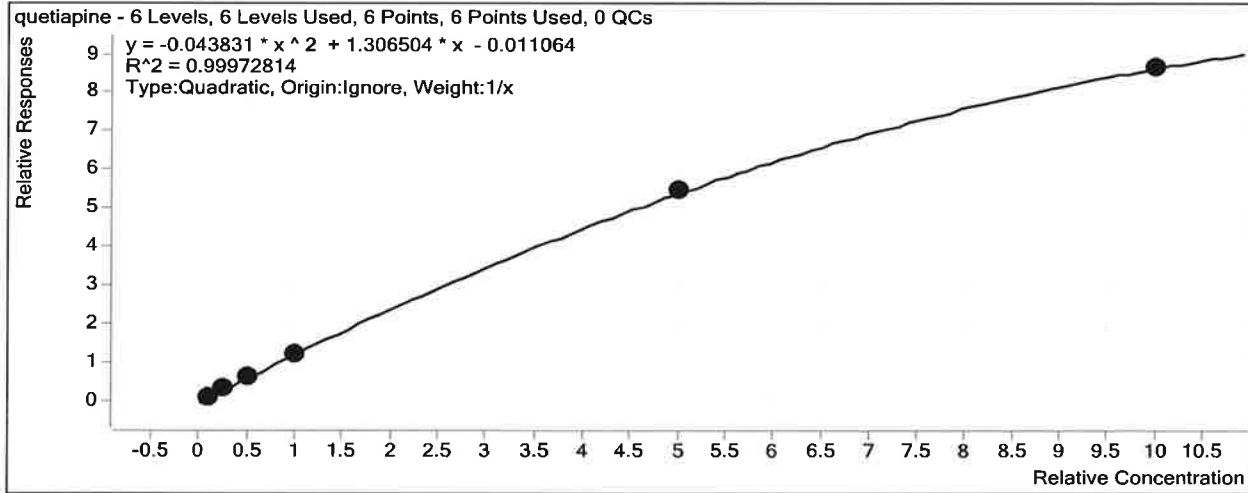
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	9.8	97.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.7	103.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	51.2	102.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.0	96.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	505.2	101.0
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.7	99.6

ISP Forensics Calibration Curve Report

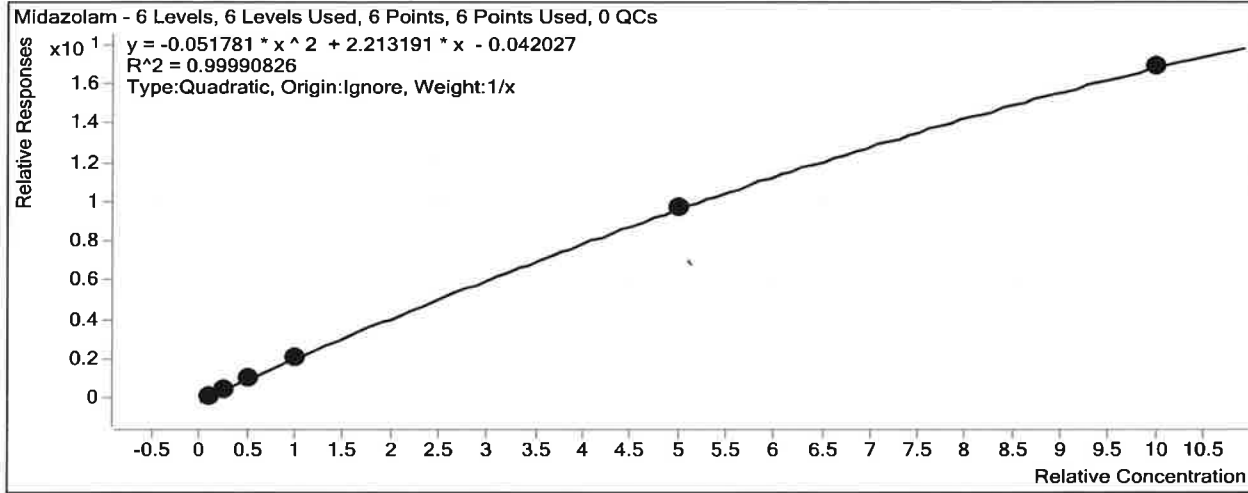
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Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	10.5	104.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.1	96.5
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.8	97.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	100.8	100.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	501.9	100.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	998.6	99.9

ISP Forensics Calibration Curve Report

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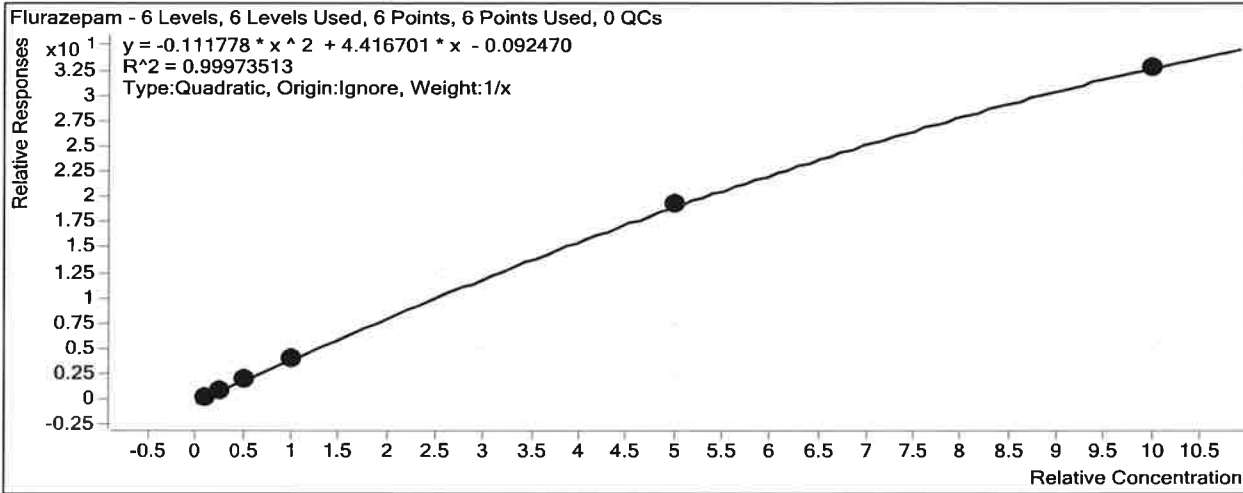
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Last Calib Update 11/24/2017 9:14 AM

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	10.6	105.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.1
50 ng/mL	4	<input checked="" type="checkbox"/>	50	49.5	99.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	96.8	96.8
500 ng/mL	6	<input checked="" type="checkbox"/>	500	508.9	101.8
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	994.0	99.4

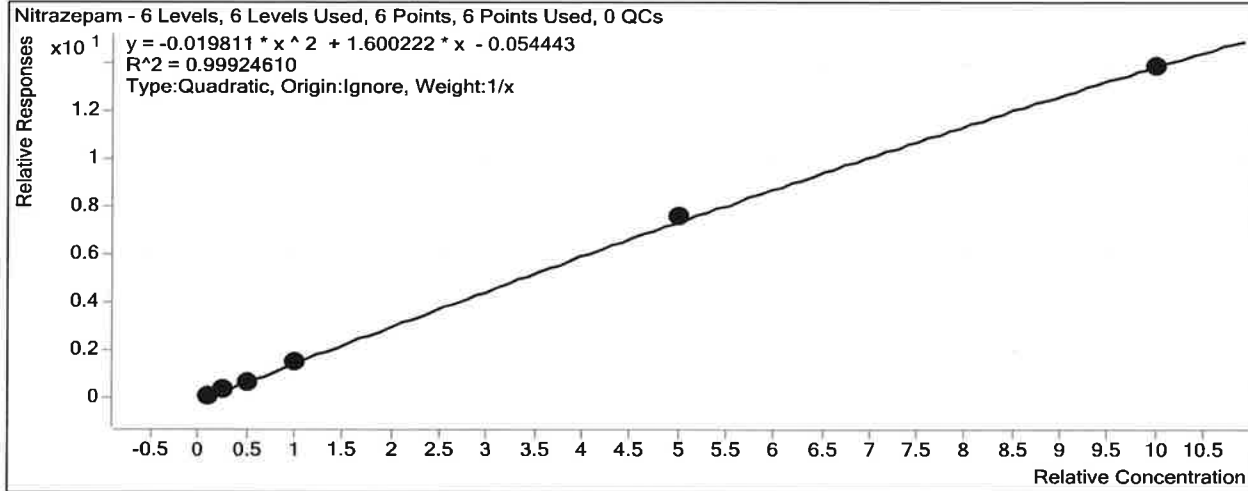
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.3	112.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.0	95.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.1	92.3
100 ng/mL	5	<input checked="" type="checkbox"/>	100	97.0	97.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	513.7	102.7
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	992.7	99.3

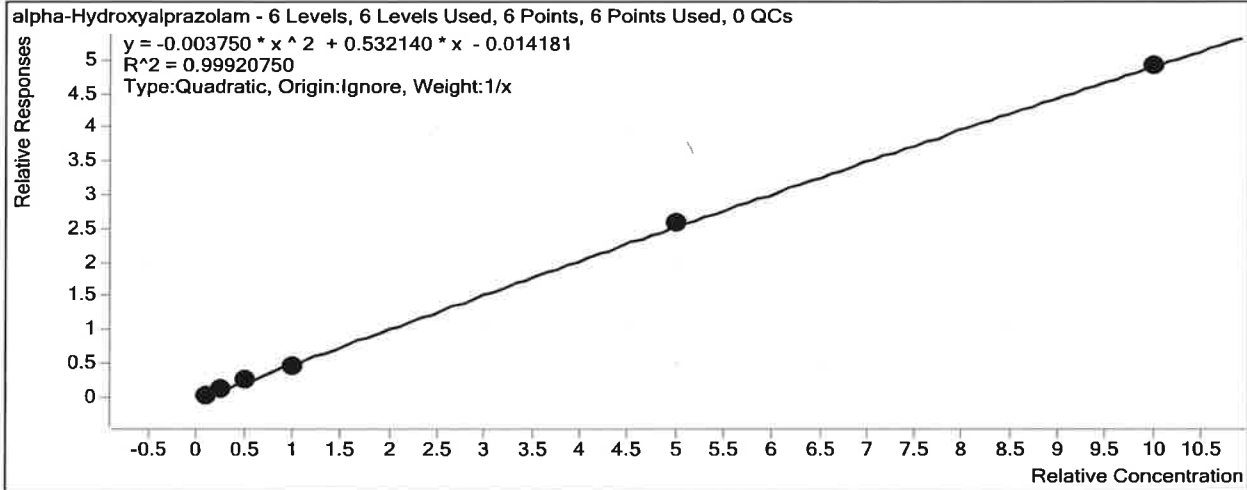
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	9.9	99.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.7	103.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	52.3	104.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.4	91.4
500 ng/mL	6	<input checked="" type="checkbox"/>	500	510.3	102.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	995.3	99.5

TS

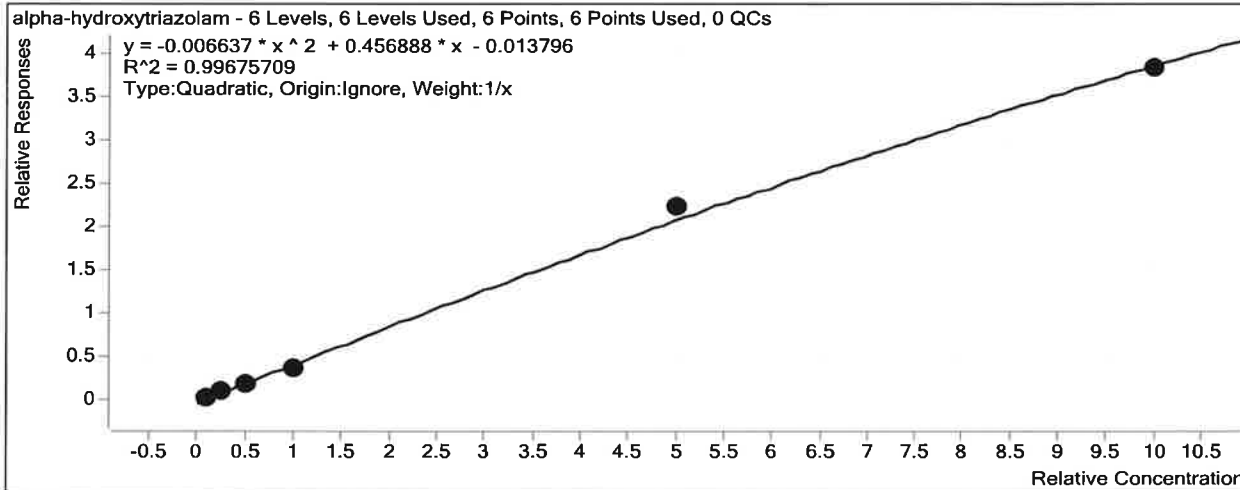
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.8	117.8
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	99.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.4	90.9
100 ng/mL	5	<input checked="" type="checkbox"/>	100	87.7	87.7
500 ng/mL	6	<input checked="" type="checkbox"/>	500	531.7	106.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	983.0	98.3

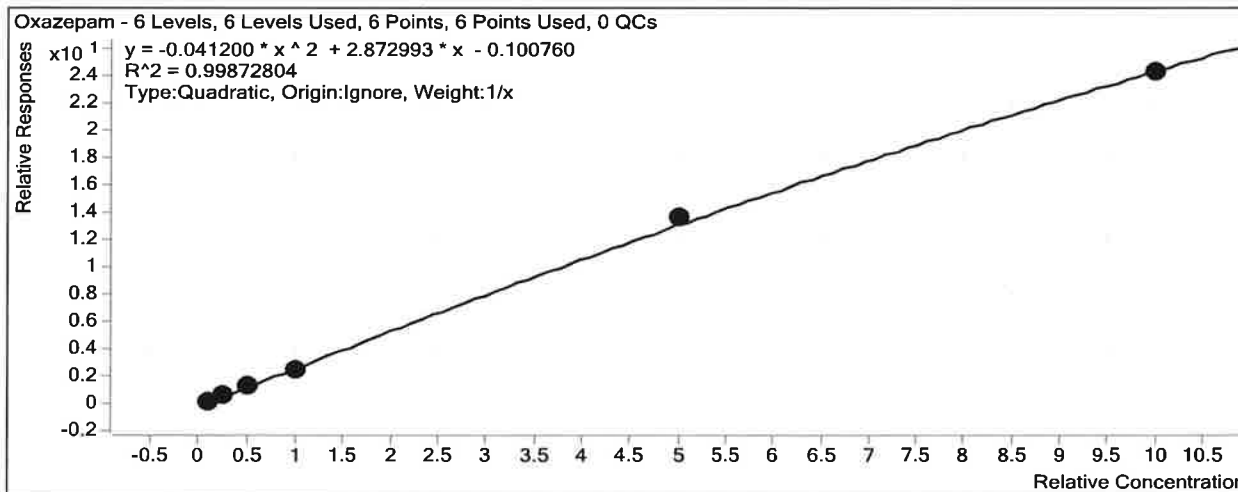
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.0	110.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.2	100.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.1	94.1
100 ng/mL	5	<input checked="" type="checkbox"/>	100	92.2	92.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	519.7	103.9
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	989.5	98.9

TS

ISP Forensics Calibration Curve Report

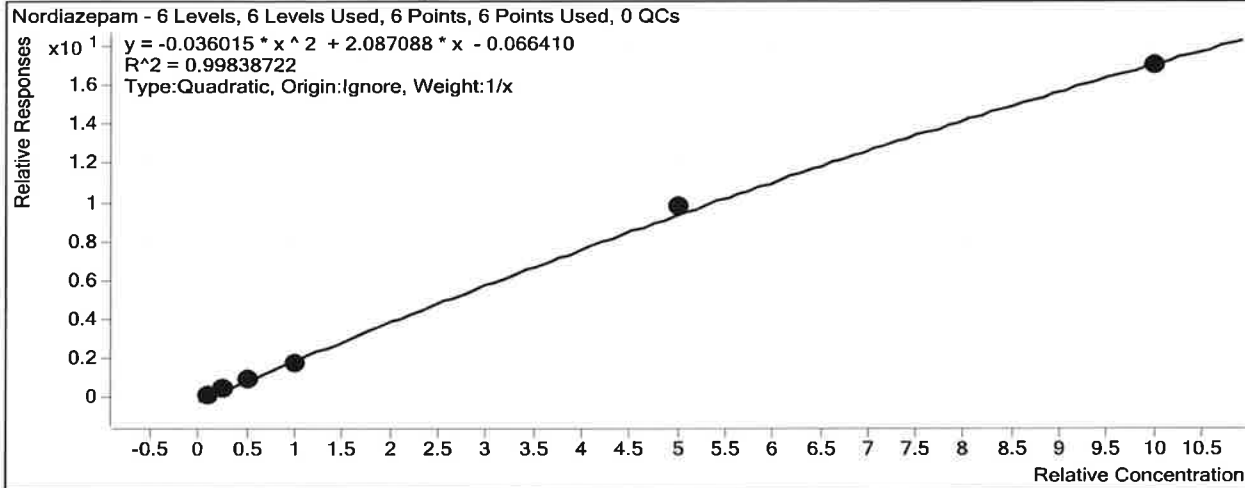
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Last Calib Update 11/24/2017 9:14 AM

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	11.2	111.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.4	97.7
50 ng/mL	4	<input checked="" type="checkbox"/>	50	48.3	96.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.6	90.6
500 ng/mL	6	<input checked="" type="checkbox"/>	500	522.2	104.4
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	987.6	98.8

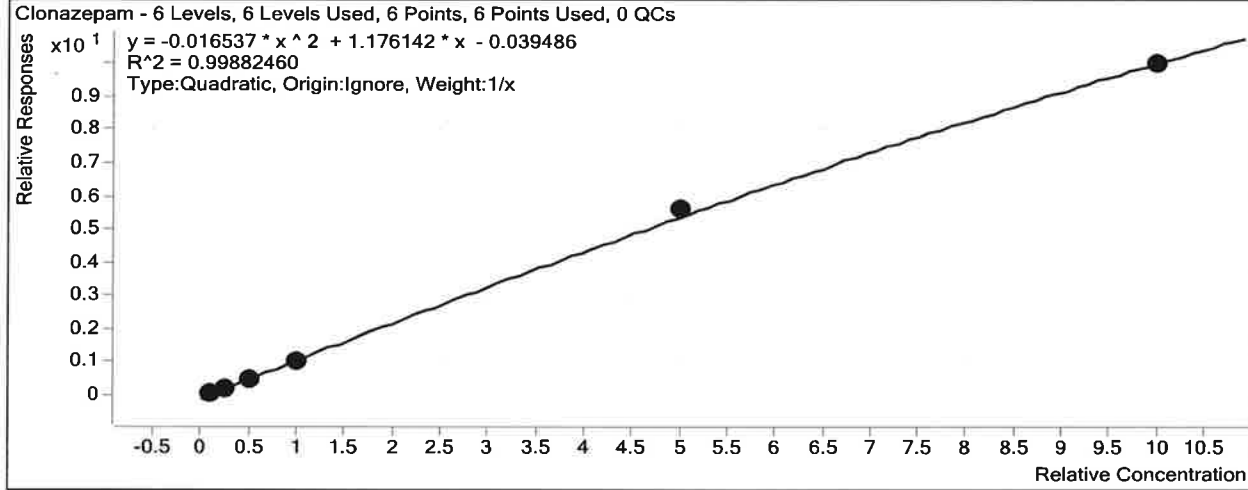
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ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
10 ng/mL	2	<input checked="" type="checkbox"/>	10	11.7	117.1
25 ng/mL	3	<input checked="" type="checkbox"/>	25	22.7	90.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	47.2	94.4
100 ng/mL	5	<input checked="" type="checkbox"/>	100	95.0	95.0
500 ng/mL	6	<input checked="" type="checkbox"/>	500	517.4	103.5
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	990.6	99.1

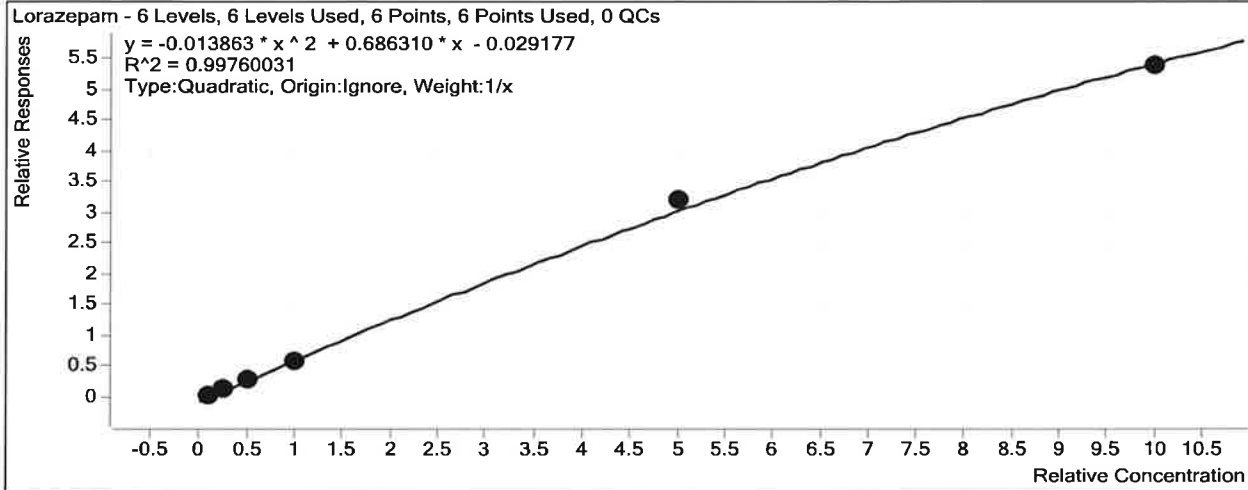
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.1	111.4
25 ng/mL	3	<input checked="" type="checkbox"/>	25	26.2	105.0
50 ng/mL	4	<input checked="" type="checkbox"/>	50	44.3	88.7
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.2	91.2
500 ng/mL	6	<input checked="" type="checkbox"/>	500	526.6	105.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	984.2	98.4

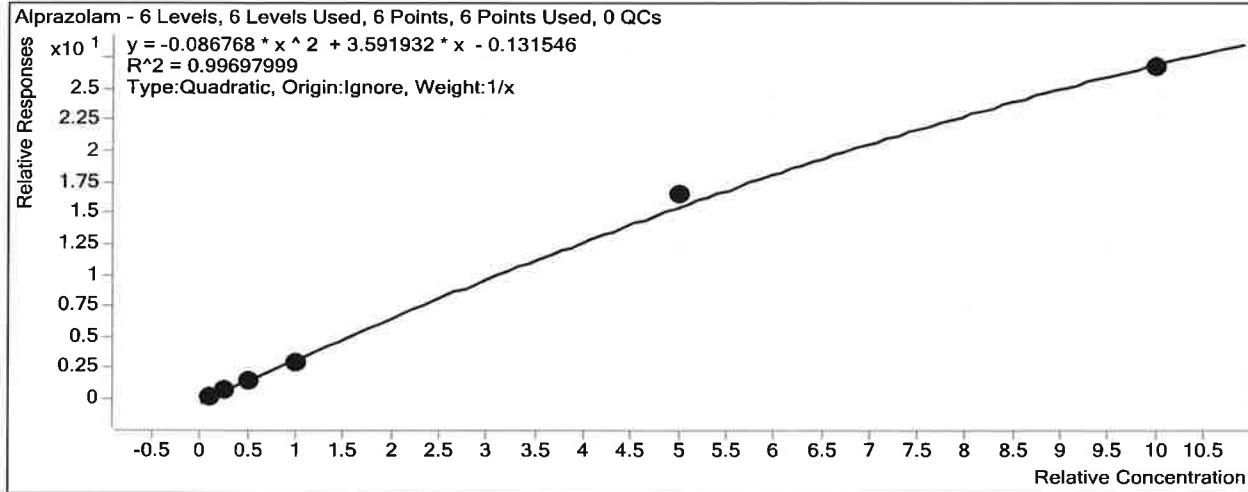
TS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.6	115.5
25 ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	99.9
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.5	91.0
100 ng/mL	5	<input checked="" type="checkbox"/>	100	89.3	89.3
500 ng/mL	6	<input checked="" type="checkbox"/>	500	531.6	106.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	979.6	98.0

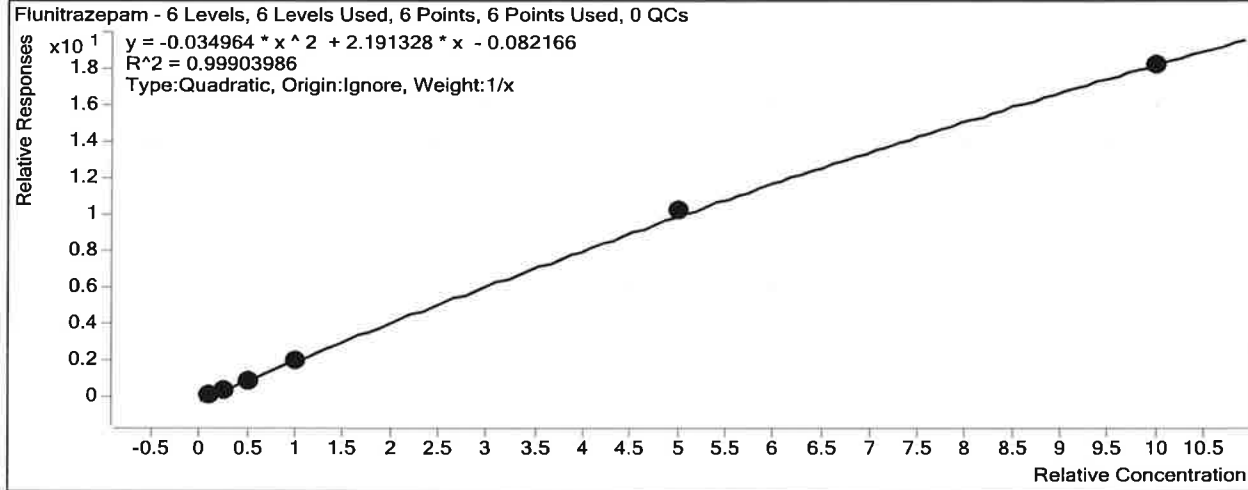
TS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.5	115.2
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	96.5	96.5
500 ng/mL	6	<input checked="" type="checkbox"/>	500	515.6	103.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	991.2	99.1

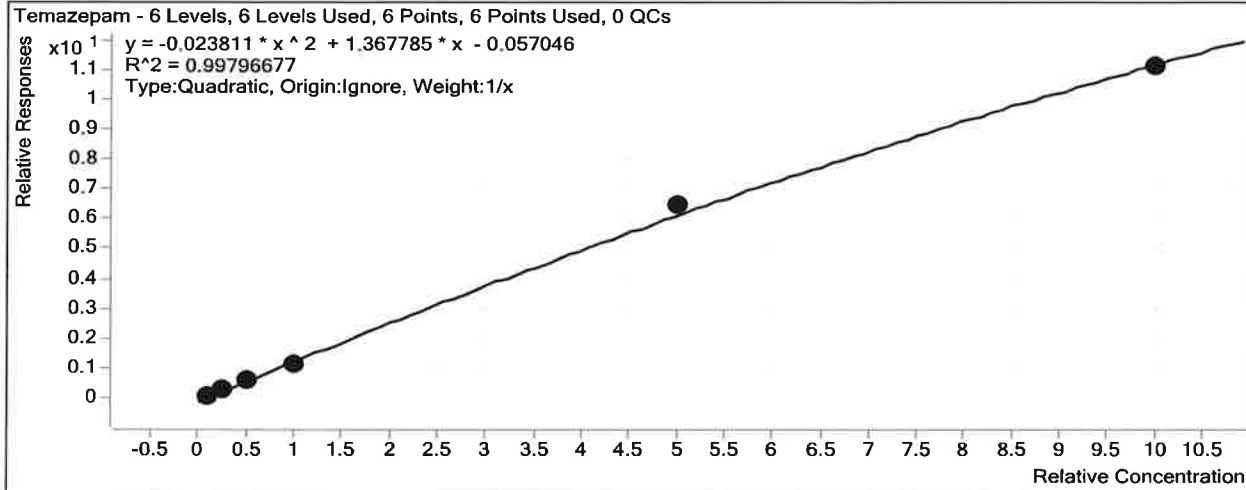
TS

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.6	115.9
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	46.3	92.6
100 ng/mL	5	<input checked="" type="checkbox"/>	100	91.1	91.1
500 ng/mL	6	<input checked="" type="checkbox"/>	500	525.3	105.1
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	985.7	98.6

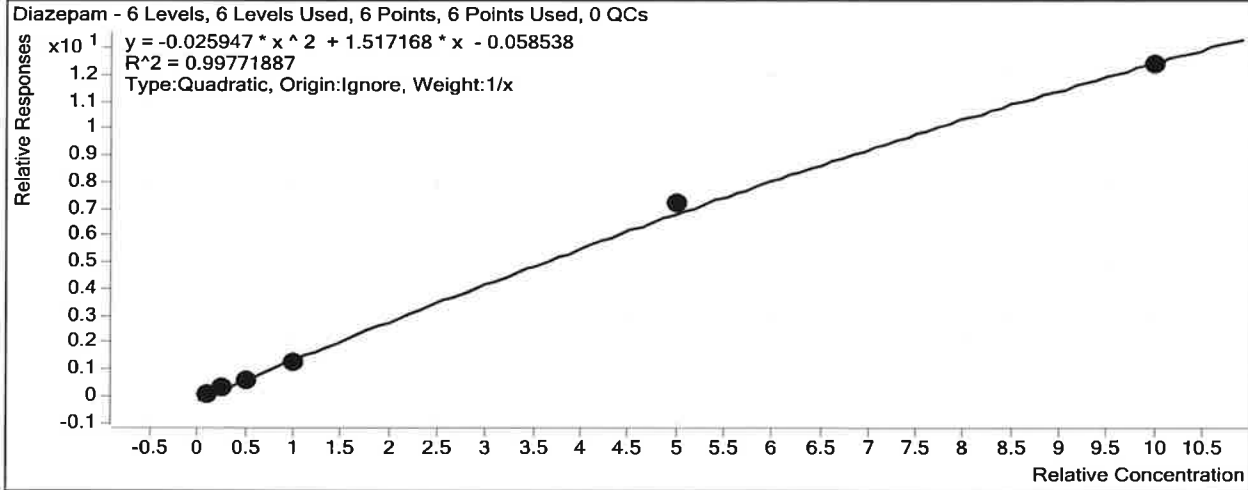
15

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin

Last Calib Update 11/24/2017 9:14 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	11.7	117.0
25 ng/mL	3	<input checked="" type="checkbox"/>	25	24.2	96.8
50 ng/mL	4	<input checked="" type="checkbox"/>	50	45.7	91.5
100 ng/mL	5	<input checked="" type="checkbox"/>	100	90.9	90.9
500 ng/mL	6	<input checked="" type="checkbox"/>	500	526.7	105.3
1000 ng/mL	7	<input checked="" type="checkbox"/>	1000	985.0	98.5

TS

ISP FORENSICS

Pocatello

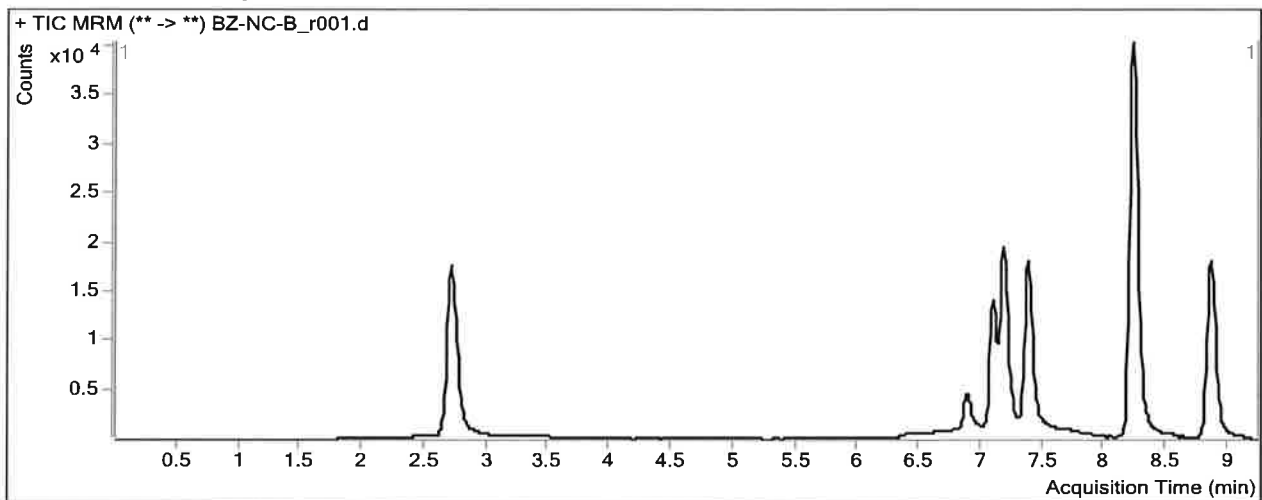
Benzodiazepine Analysis Report

Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin
Analysis Time 11/24/2017 9:14 AM **Analyst Name** ISPUser
Report Time 11/24/2017 9:15 AM **Reporter Name** ISPUser
Last Calib Update 11/24/2017 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-22 15:45 **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_2017.m
Position P1-A8 **Sample Info** UFAK-Negative Whole Blood LOT-B1013 Hemostat Blood TS
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ Lot # 361331-2

Sample Chromatogram



TS

ISP FORENSICS

Pocatello

Benzodiazepine Analysis Report

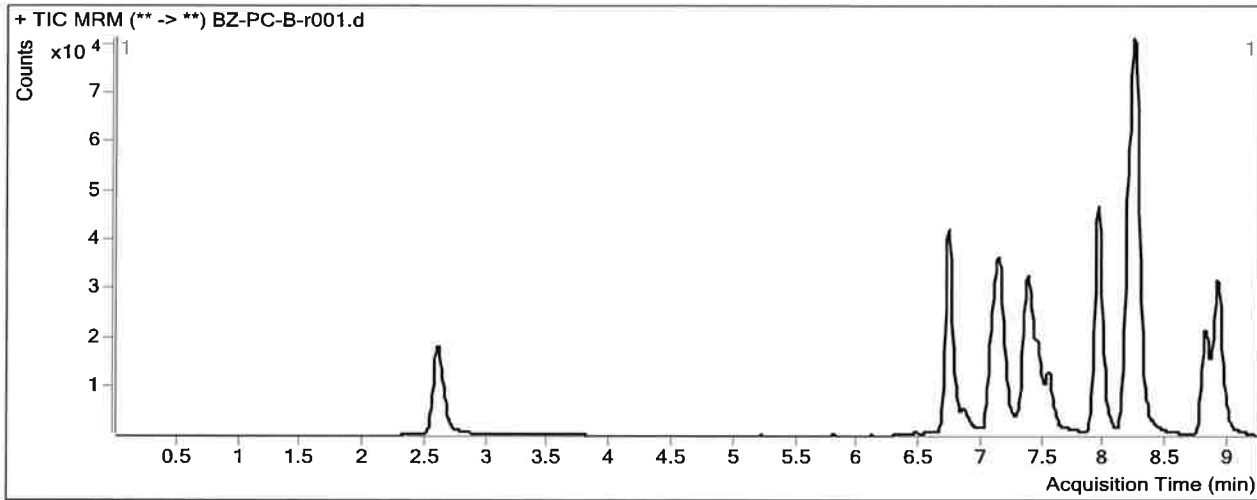
Batch Data Path C:\MassHunter\Data\2017\Combined\112217 TS\QuantResults\112017 Benz TS.batch.bin
Analysis Time 11/24/2017 9:14 AM **Analyst Name** ISPUser
Report Time 11/24/2017 9:16 AM **Reporter Name** ISPUser
Last Calib Update 11/24/2017 9:14 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-22 16:00 **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_2017.m
Position P1-A9 **Sample Info** Benzodiazepines Mix Cerilliant lot FE012413-02 in UTAK LOT B1013
Inj Vol -1 **Comment** AM 6.1.1 Benzo and Z by LCQQQ

TS
 Benzodiazepines Mix lot FE04221402 in Hemostat
 361331-2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nitrazepam	Clonazepam-D4 ISTD	6.722	115887	60522	1.9148	124.9929
Oxazepam	Nordiazepam-D5 ISTD	7.101	63114	44884	1.4061	52.8513
Clonazepam	Clonazepam-D4 ISTD	7.376	70862	60522	1.1708	104.4398
Lorazepam	Nordiazepam-D5 ISTD	7.450	14416	44884	0.3212	51.5875
Alprazolam	alphahydroxyalprazolam-D5 ISTD	7.537	37448	9951	3.7631	111.4264
Flunitrazepam	Clonazepam-D4 ISTD	7.927	151730	60522	2.5070	120.4712
Temazepam	Temazepam-D5 ISTD	8.232	243712	177677	1.3717	106.4254
Diazepam	Diazepam-D5 ISTD	8.900	108928	65557	1.6616	115.6650