



Handwritten mark resembling a stylized 'P' or 'D' with a horizontal line through it.

**Worklist: 2086**

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-3451	1	103042	AM 28 Blood Multi-Drug Quant	
M2017-3466	1	103046	AM 28 Blood Multi-Drug Quant	
M2017-3610	1	103044	AM 28 Blood Multi-Drug Quant	
M2017-3610	2	103045	AM 28 Blood Multi-Drug Quant	
M2017-3611	1	103048	AM 28 Blood Multi-Drug Quant	
M2017-3632	1	103051	AM 28 Blood Multi-Drug Quant	
M2017-3632	2	103052	AM 28 Blood Multi-Drug Quant	
M2017-3729	1	103055	AM 28 Blood Multi-Drug Quant	
M2017-3903	1	103047	AM 28 Blood Multi-Drug Quant	
P2017-1192	1	103057	AM 28 Blood Multi-Drug Quant	
P2017-1787	2	103049	AM 28 Blood Multi-Drug Quant	
P2017-1829	3	103053	AM 28 Blood Multi-Drug Quant	
P2017-1917	1	103060	AM 28 Blood Multi-Drug Quant	
P2017-1929	1	103054	AM 28 Blood Multi-Drug Quant	
P2017-1950	1	103059	AM 28 Blood Multi-Drug Quant	
P2017-1955	1	103056	AM 28 Blood Multi-Drug Quant	
P2017-1986	1	103061	AM 28 Blood Multi-Drug Quant	
P2017-2015	1	103058	AM 28 Blood Multi-Drug Quant	
P2017-2023	1	103062	AM 28 Blood Multi-Drug Quant	

P

# Multi-Drug Quantitation in Blood by LC-MS/M

Extraction Date: 12/18/17  
Plate lot#: 0498367

Analyst: Sarah Pickle  
Plate Expiration: 1/26/18

**Mobile phase A:** 5mM Amm Form + 0.01% FA  
0.5M Ammonium Hydroxide  
20% Methanol in Water

**Mobile phase B:** 0.01% Formic Acid in MeOH  
Ethyl Acetate

**Blank Blood Lot:** 361331-2  
**LCMS-QQQ ID:** 59740

**Column:** Agilent 120 EC-C18 (2.1x 100-4um)

## Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist:

## Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette 250µL blood (calibrated pipette) Pipette ID: #3 in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID: 067105
- 4. Pipette 250µL 00.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).  
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. (10-15 PSI- Selector to the left).
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.  
SPE Dry ID: 067103
- 16. Reconstitute in 100µL 20% MeOH and heat seal plate with foil. Place in autosampler and run worklist.

## Post-Analytic

- 1. Create batch and process data.  
Worklist path: MDQ Panel 1 12-18-17 SP Batch Name: MDQ Panel 1a 121817 SP
- 2. Make necessary changes to integration limits
- 3. Integration linear and  $r^2$  values  $\geq 0.98$  for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions  $> 10$ .
- 5. Did all QCs pass for each analyte? Y / N \_\_\_\_\_
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

## COMMENTS:

Curve Ranges Limited:  
 Norhydrocodone 5-500  
 Oxazepam 5-500

A

Toxicology AM method 28 panel 1 external prep information  
Working Solution 10000 ng/ml in MeOH trazodone, ketamine, morphine, quetiapine  
Stock Solution 1mg/ml 100 ul each in 9600 ul MeOH (Fisher Lot # 172516)  
Prepared: 12/12/17 Expires: 06/12/17 By: TNS

06/12/18

Drug	Lot	Expiration
Trazodone	FN12151403	1/1/2020
Ketamine	FE01131504	2/1/2020
Morphine	FE08141515	11/1/2020
Quetiapine	FN02021502	2/1/2020

AM 28 control 50 ul working solution lot (WS121217) in 9950ul blood (Hemostat Lot# 361331-2)  
Prepared: 12/12/17 Expires: 06/12/17 By: TNS

06/12/18

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# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

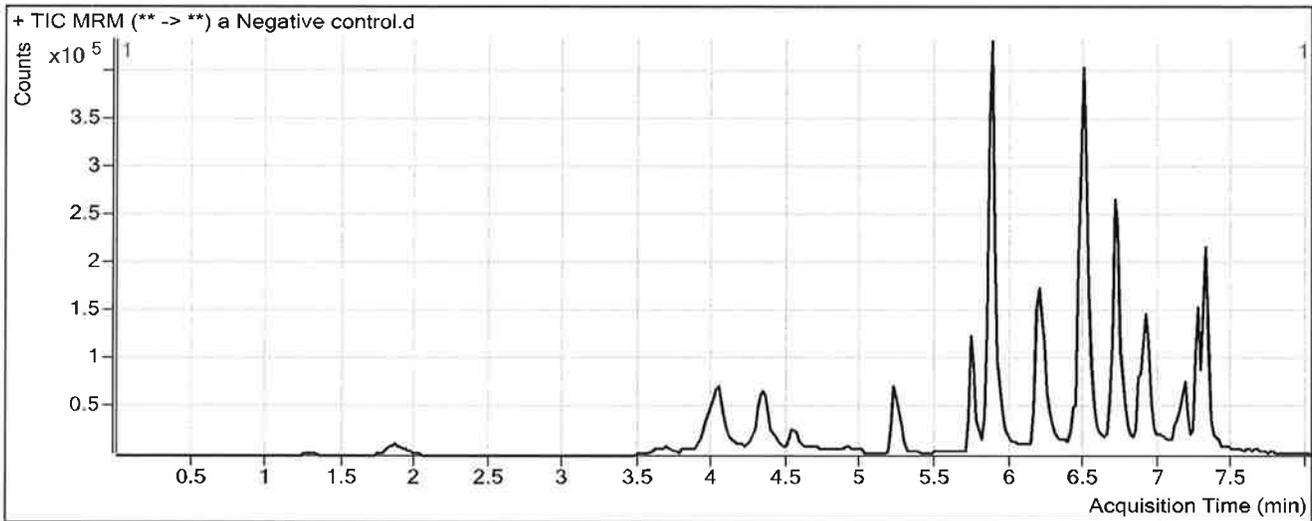
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<b>Batch Data Path</b>	C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817		
<b>Analysis Time</b>	12/21/2017 12:30 PM	<b>Analyst Name</b>	ISPUser
<b>Report Time</b>	12/21/2017 12:57 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	12/21/2017 12:27 PM	<b>Batch State</b>	ResultsCleaned

### Analysis Info

<b>Acq Time</b>	2017-12-18 22:13	<b>Data File</b>	a Negative control.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	a Negative control
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1a 12-12-17.m
<b>Position</b>	P1-F2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28

### Sample Chromatogram



**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

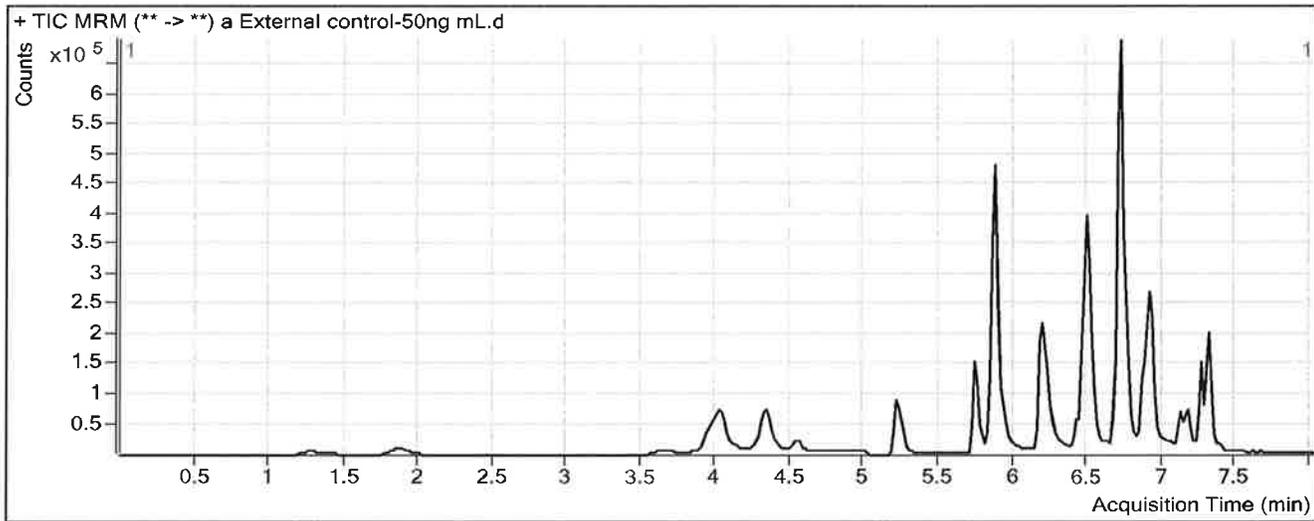
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:57 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 22:44 **Data File** a External control-50ng mL.d  
**Sample Type** Sample **Sample Name** a External control-50ng mL  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-G2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	30394	16161	1.8807	54.6900
Trazodone	Trazodone-D6	6.713	545281	338501	1.6109	65.0371

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

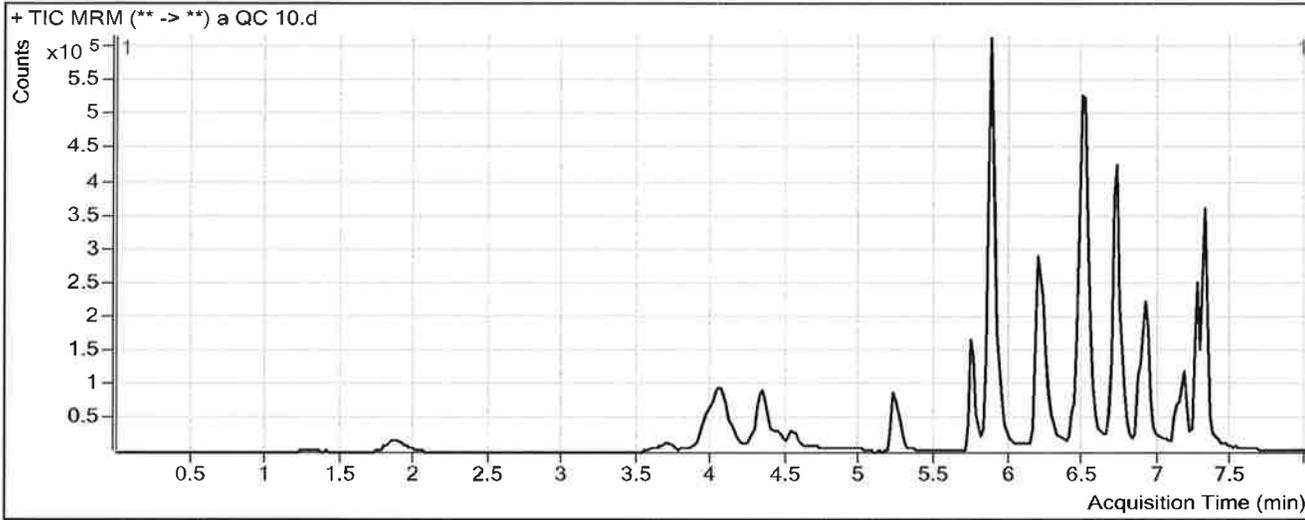
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:57 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 23:16 **Data File** a QC 10.d  
**Sample Type** QC **Sample Name** a QC 10  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	6329	22091	0.2865	10.7118
Hydromorphone	Hydromorphone-D6	1.889	25592	109924	0.2328	9.2304
Codeine	Codeine-D6	3.712	11295	59473	0.1899	9.6753
Oxycodone	Oxycodone-D6	4.066	75689	387596	0.1953	8.7446
Amphetamine	Amphetamine-D11	4.103	141317	169645	0.8330	10.0379
Hydrocodone	Hydrocodone-D6	4.331	28291	221327	0.1278	9.1434
Norhydrocodone	Norhydrocodone-D3	4.375	1539	41523	0.0371	9.5299
Methamphetamine	Methamphetamine-D11	4.439	55354	209521	0.2642	9.0933
6-MAM	6-MAM-D6	4.547	1288	63817	0.0202	1.1063
Phentermine	Phentermine-D5	5.261	30201	318392	0.0949	8.6344
Dextrorphan	Dextrorphan-D3	5.740	40480	392196	0.1032	10.2846
Tramadol	Tramadol-13C-D3	5.897	297111	1463518	0.2030	10.4666
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	76948	325540	0.2364	9.3896
Doxylamine	Doxylamine-D5	6.220	175874	962382	0.1827	8.2375
Bupropion	Bupropion-D9	6.448	41032	155597	0.2637	10.2993
Zolpidem	Zolpidem-D6	6.495	233397	1666181	0.1401	8.5114
Meprobamate	Meprobamate-D7	6.551	28805	135793	0.2121	9.5203
Trazodone	Trazodone-D6	6.713	71448	302642	0.2361	9.9992
Venlafaxine	Venlafaxine-D6	6.722	167961	845198	0.1987	10.1073
Citalopram	Citalopram-D6	6.856	37834	217191	0.1742	9.8435

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

a QC 10 P

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Dextromethorphan	Dextromethorphan-D3	6.907	11902	51769	0.2299	9.3581
Diphenhydramine	Diphenhydramine-D3	6.910	69842	427310	0.1634	9.5173
Promethazine	Promethazine-D3	7.126	25130	133420	0.1884	8.5712
Clonazepam	Clonazepam-D4	7.162	79310	102324	0.7751	8.8506
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	15643	86371	0.1811	10.3248
Carisoprodol	Carisoprodol-D7	7.272	67514	312388	0.2161	9.4263
Lorazepam	Alprazolam-D5	7.282	24482	532875	0.0459	9.6734
Alprazolam	Alprazolam-D5	7.305	154111	532875	0.2892	9.7143

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

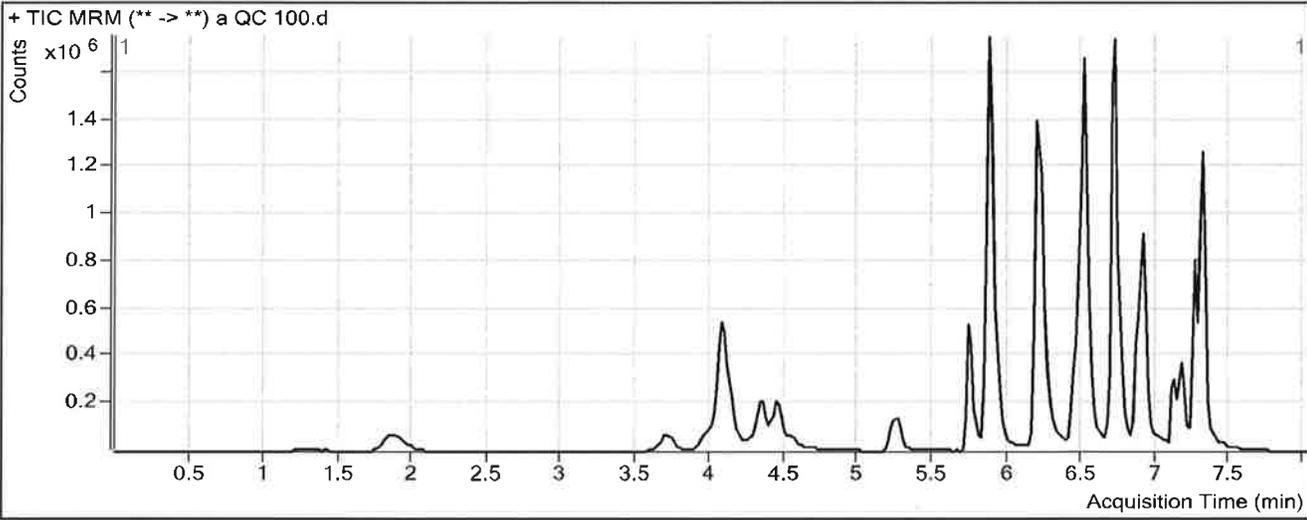
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**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISUser  
**Report Time** 12/21/2017 12:58 PM **Reporter Name** ISUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-19 01:21 **Data File** a QC 100.d  
**Sample Type** QC **Sample Name** a QC 100  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-B2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	60010	19283	3.1121	88.6586
Hydromorphone	Hydromorphone-D6	1.889	285448	107958	2.6441	91.6362
Codeine	Codeine-D6	3.712	120828	55318	2.1843	89.3034
Oxycodone	Oxycodone-D6	4.066	866589	379907	2.2811	92.9775
Amphetamine	Amphetamine-D11	4.103	1279460	179155	7.1416	114.5826
Hydrocodone	Hydrocodone-D6	4.351	313762	220566	1.4225	90.3105
Norhydrocodone	Norhydrocodone-D3	4.375	16978	42726	0.3974	90.0023
Methamphetamine	Methamphetamine-D11	4.439	645909	226180	2.8557	88.2928
6-MAM	6-MAM-D6	4.547	12474	64382	0.1937	8.6751
Phentermine	Phentermine-D5	5.261	349222	339815	1.0277	99.7119
Dextrophan	Dextrophan-D3	5.740	491611	458768	1.0716	94.2724
Tramadol	Tramadol-13C-D3	5.897	3201466	1646746	1.9441	87.0760
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	884055	362998	2.4354	99.1540
Doxylamine	Doxylamine-D5	6.200	2276449	1060391	2.1468	92.6644
Bupropion	Bupropion-D9	6.448	429404	185486	2.3150	84.4749
Zolpidem	Zolpidem-D6	6.495	2833949	1659514	1.7077	90.1589
Meprobamate	Meprobamate-D7	6.551	290127	107977	2.6869	96.0649
Trazodone	Trazodone-D6	6.713	971238	392244	2.4761	99.6758
Venlafaxine	Venlafaxine-D6	6.722	2043597	958022	2.1331	85.9125
Citalopram	Citalopram-D6	6.856	516035	279033	1.8494	86.0352

**ISP FORENSICS - Pocatello Instrument # 59740****Multi-Drug Confirmatory Analysis Report**

a QC 100

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Dextromethorphan	Dextromethorphan-D3	6.887	186454	72484	2.5723	98.2716
Diphenhydramine	Diphenhydramine-D3	6.910	1064525	558799	1.9050	100.6890
Promethazine	Promethazine-D3	7.126	539425	210796	2.5590	97.8059
Clonazepam	Clonazepam-D4	7.162	636598	72626	8.7654	94.6698
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	141137	71210	1.9820	87.4456
Carisoprodol	Carisoprodol-D7	7.272	657823	263670	2.4949	101.8896
Lorazepam	Alprazolam-D5	7.282	190445	460294	0.4137	92.2618
Alprazolam	Alprazolam-D5	7.305	1427869	460294	3.1021	94.7429

# ISP FORENSICS - Pocatello Instrument # 59740

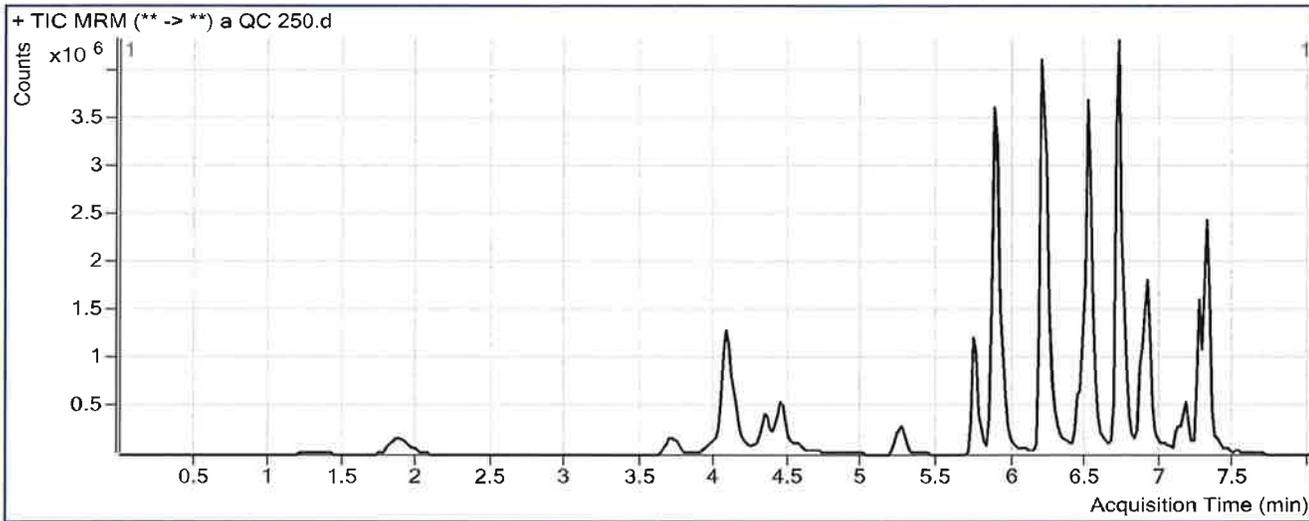
## Multi-Drug Confirmatory Analysis Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:59 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

### Analysis Info

**Acq Time** 2017-12-19 03:11 **Data File** a QC 250.d  
**Sample Type** QC **Sample Name** a QC 250  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	161474	18036	8.9527	249.7765
Hydromorphone	Hydromorphone-D6	1.889	752049	99306	7.5731	260.0866
Codeine	Codeine-D6	3.712	289904	48618	5.9629	240.1725
Oxycodone	Oxycodone-D6	4.066	2294503	361581	6.3458	257.1282
Amphetamine	Amphetamine-D11	4.103	2733878	171425	15.9480	260.5186
Hydrocodone	Hydrocodone-D6	4.331	820218	208537	3.9332	247.7084
Norhydrocodone	Norhydrocodone-D3	4.395	48488	37959	1.2774	286.5635
Methamphetamine	Methamphetamine-D11	4.439	1769488	211563	8.3639	256.6259
6-MAM	6-MAM-D6	4.547	31517	61798	0.5100	22.4660
Phentermine	Phentermine-D5	5.261	929704	340756	2.7284	265.7593
Dextrophan	Dextrophan-D3	5.740	1383147	470322	2.9408	256.3937
Tramadol	Tramadol-13C-D3	5.897	9062052	1695327	5.3453	236.7301
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	1797824	276754	6.4961	264.9091
Doxylamine	Doxylamine-D5	6.200	6739475	1007600	6.6886	287.9002
Bupropion	Bupropion-D9	6.448	880885	132119	6.6674	241.8556
Zolpidem	Zolpidem-D6	6.495	7530353	1602959	4.6978	245.8937
Meprobamate	Meprobamate-D7	6.551	696004	98836	7.0420	248.3646
Trazodone	Trazodone-D6	6.713	2320291	354600	6.5434	262.5043
Venlafaxine	Venlafaxine-D6	6.722	6091055	1002843	6.0738	240.3370
Citalopram	Citalopram-D6	6.856	1340327	240524	5.5725	255.3752

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

a QC 250

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Dextromethorphan	Dextromethorphan-D3	6.887	373099	55963	6.6669	253.6920
Diphenhydramine	Diphenhydramine-D3	6.910	2542567	522068	4.8702	255.9153
Promethazine	Promethazine-D3	7.126	526568	78108	6.7415	255.2434
Clonazepam	Clonazepam-D4	7.162	932708	37216	25.0618	269.7008
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	283177	52085	5.4368	235.3932
Carisoprodol	Carisoprodol-D7	7.272	1491305	219439	6.7960	276.4131
Lorazepam	Alprazolam-D5	7.282	398678	382953	1.0411	233.1225
Alprazolam	Alprazolam-D5	7.305	3208553	382953	8.3785	254.2396

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

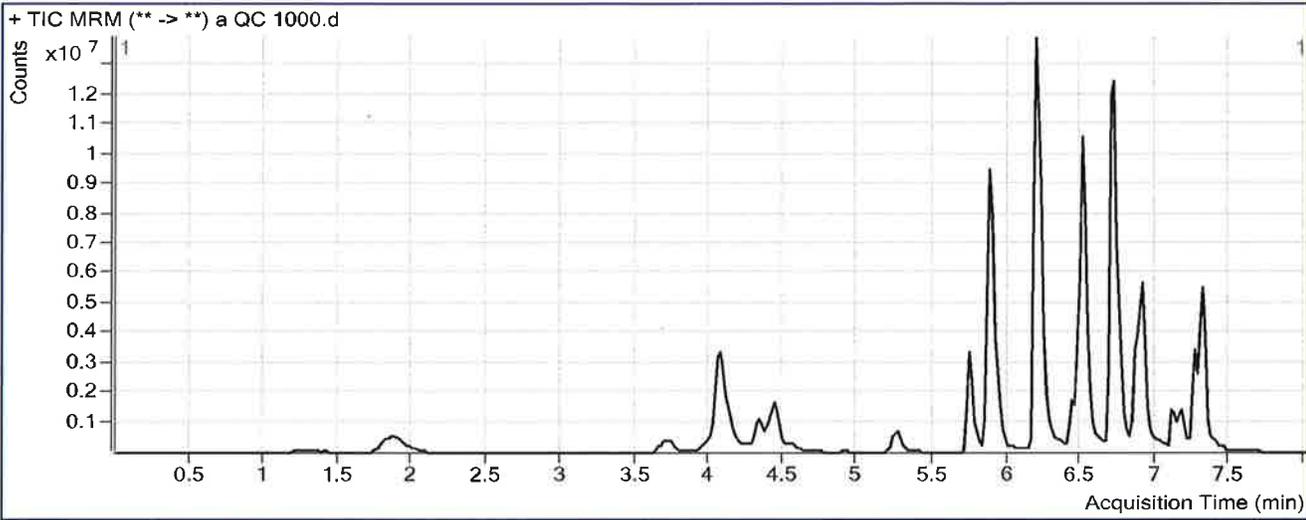
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:59 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

### Analysis Info

**Acq Time** 2017-12-19 05:01 **Data File** a QC 1000.d  
**Sample Type** QC **Sample Name** a QC 1000  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-D2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	544138	13597	40.0184	1106.7533
Hydromorphone	Hydromorphone-D6	1.889	2571336	77620	33.1273	1133.4138
Codeine	Codeine-D6	3.712	852102	34152	24.9502	998.2831
Oxycodone	Oxycodone-D6	4.046	7811552	291394	26.8075	1083.4638
Amphetamine	Amphetamine-D11	4.083	6782107	124105	54.6480	901.8449
Hydrocodone	Hydrocodone-D6	4.331	2636445	162140	16.2603	1020.5140
Norhydrocodone	Norhydrocodone-D3	4.375	149435	21345	7.0011	1564.9854
Methamphetamine	Methamphetamine-D11	4.439	5455957	150643	36.2179	1107.8667
6-MAM	6-MAM-D6	4.547	101007	43988	2.2962	100.3585
Phentermine	Phentermine-D5	5.261	2573428	245347	10.4889	1023.4727
Dextrophan	Dextrophan-D3	5.740	4026615	317697	12.6744	1100.5867
Tramadol	Tramadol-13C-D3	5.876	28276808	1149735	24.5942	1083.6901
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	4616515	202949	22.7471	928.2689
Doxylamine	Doxylamine-D5	6.200	23804909	880728	27.0287	1162.2381
Bupropion	Bupropion-D9	6.448	2656601	87237	30.4526	1101.9301
Zolpidem	Zolpidem-D6	6.495	24726224	1269769	19.4730	1015.4423
Meprobamate	Meprobamate-D7	6.551	1604762	57384	27.9653	980.0605
Trazodone	Trazodone-D6	6.713	9131736	384359	23.7583	951.6806
Venlafaxine	Venlafaxine-D6	6.701	20130604	776729	25.9171	1017.9513
Citalopram	Citalopram-D6	6.856	4819399	199435	24.1653	1101.0245

outside curve range

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

a QC 1000 B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	1398073	52929	26.4142	1003.2554
Diphenhydramine	Diphenhydramine-D3	6.910	9055311	401284	22.5658	1182.2836
Promethazine	Promethazine-D3	7.126	3287674	115723	28.4099	1070.8795
Clonazepam	Clonazepam-D4	7.162	2643036	29064	90.9383	977.2433
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	865105	35943	24.0686	1033.2799
Carisoprodol	Carisoprodol-D7	7.272	3114739	142224	21.9002	889.2831
Lorazepam	Alprazolam-D5	7.282	1022682	219378	4.6617	1046.1250
Alprazolam	Alprazolam-D5	7.305	8074241	219378	36.8051	1113.5317

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

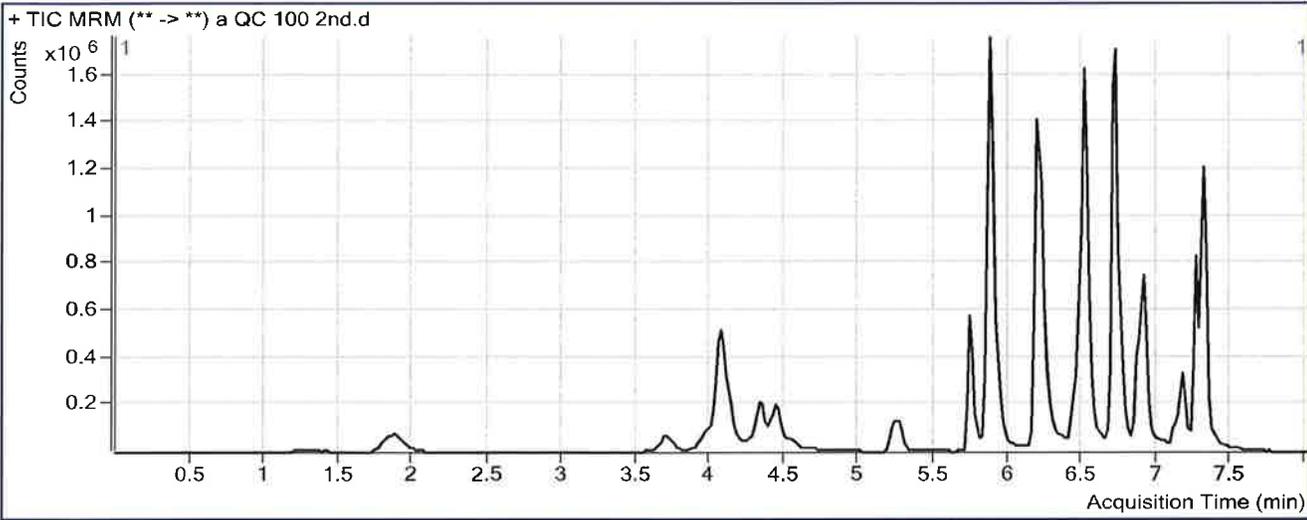
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:00 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-19 07:07 **Data File** a QC 100 2nd.d  
**Sample Type** QC **Sample Name** a QC 100 2nd  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	61076	19336	3.1586	89.9416
Hydromorphone	Hydromorphone-D6	1.889	294775	111026	2.6550	92.0098
Codeine	Codeine-D6	3.692	123608	53679	2.3027	94.0339
Oxycodone	Oxycodone-D6	4.066	879971	391977	2.2450	91.5195
Amphetamine	Amphetamine-D11	4.083	1187443	173828	6.8311	109.4373
Hydrocodone	Hydrocodone-D6	4.331	323088	223275	1.4470	91.8472
Norhydrocodone	Norhydrocodone-D3	4.375	18076	45237	0.3996	90.5001
Methamphetamine	Methamphetamine-D11	4.439	604496	192492	3.1404	96.9915
6-MAM	6-MAM-D6	4.547	11481	64009	0.1794	8.0479
Phentermine	Phentermine-D5	5.261	342735	337834	1.0145	98.4256
Dextrophan	Dextrophan-D3	5.740	498297	477567	1.0434	91.8280
Tramadol	Tramadol-13C-D3	5.876	3339052	1577504	2.1167	94.6684
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	826650	348911	2.3692	96.4519
Doxylamine	Doxylamine-D5	6.200	2321795	978390	2.3731	102.3911
Bupropion	Bupropion-D9	6.448	307537	122610	2.5083	91.4623
Zolpidem	Zolpidem-D6	6.495	2821637	1669839	1.6898	89.2249
Meprobamate	Meprobamate-D7	6.551	279754	113824	2.4578	88.0515
Trazodone	Trazodone-D6	6.713	860283	359224	2.3948	96.4221
Venlafaxine	Venlafaxine-D6	6.701	2193775	1021368	2.1479	86.4900
Citalopram	Citalopram-D6	6.856	480679	225878	2.1280	98.7101

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report a QC 100 2nd

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	132277	56942	2.3230	88.8072
Diphenhydramine	Diphenhydramine-D3	6.910	801397	496359	1.6146	85.4828
Promethazine	Promethazine-D3	7.126	182282	74601	2.4434	93.4562
Clonazepam	Clonazepam-D4	7.162	614791	73941	8.3147	89.8291
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	143575	73219	1.9609	86.5418
Carisoprodol	Carisoprodol-D7	7.272	650035	317465	2.0476	83.7400
Lorazepam	Alprazolam-D5	7.282	191753	449467	0.4266	95.1529
Alprazolam	Alprazolam-D5	7.305	1397356	449467	3.1089	94.9497

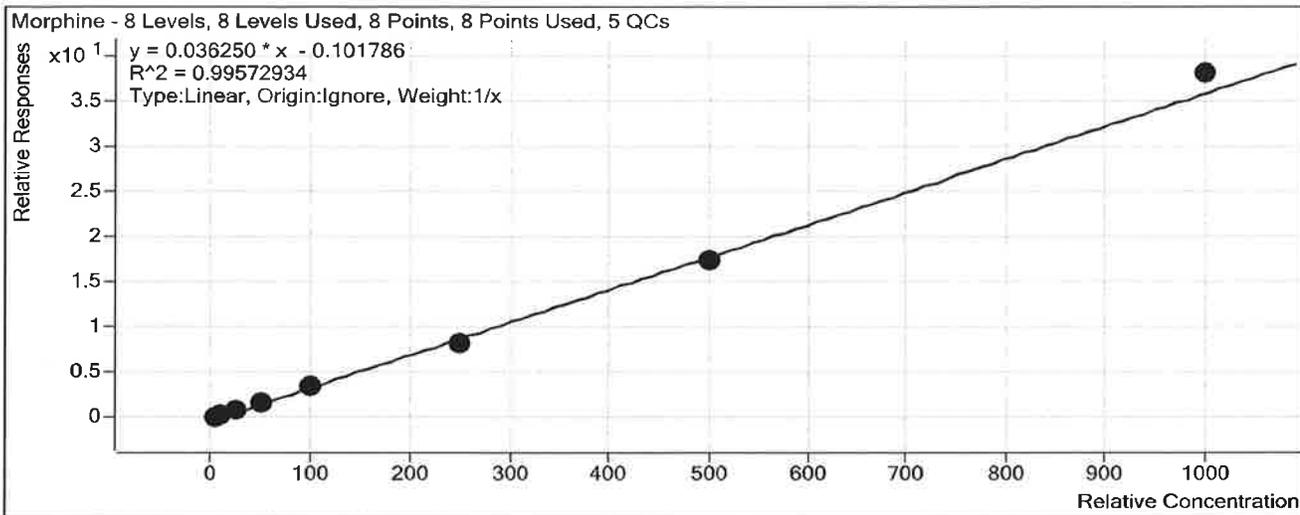
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Morphine*  
**Internal Standard** *Morphine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.5	129.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.1	88.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.4	94.4
a QC 100	5	<input checked="" type="checkbox"/>	100	88.7	88.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.9	89.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	226.8	90.7
a QC 250	6	<input checked="" type="checkbox"/>	250	249.8	99.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.7	96.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1054.5	105.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1106.8	110.7

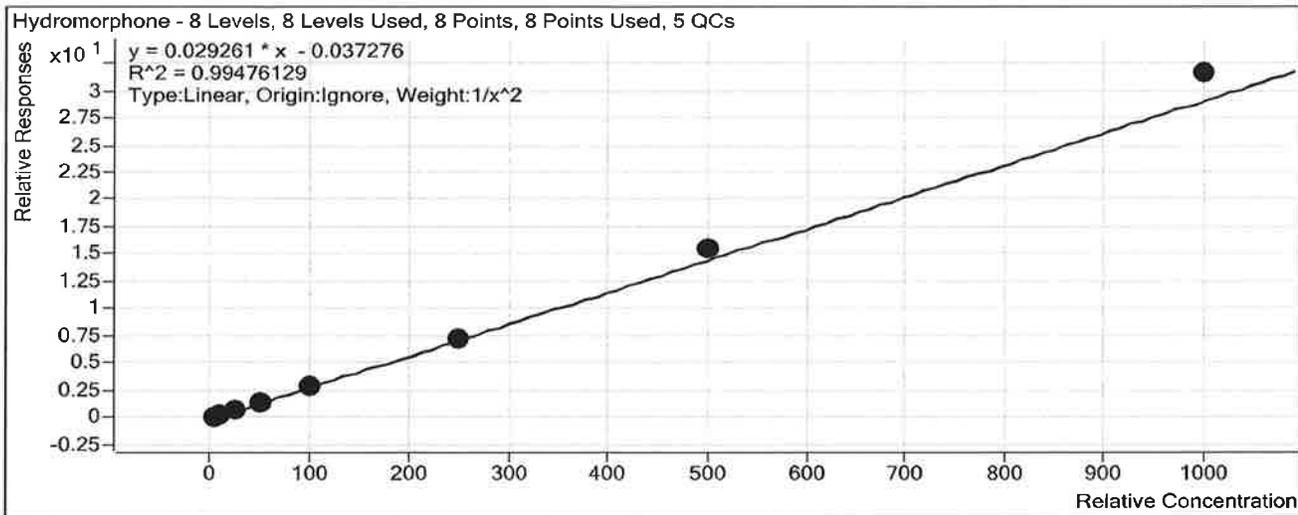
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Hydromorphone*  
**Internal Standard** *Hydromorphone-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a QC 100	5	<input checked="" type="checkbox"/>	100	91.6	91.6
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	92.0	92.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.8	100.3
a QC 250	6	<input checked="" type="checkbox"/>	250	260.1	104.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	534.8	107.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1080.0	108.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1133.4	113.3

# ISP FORENSICS

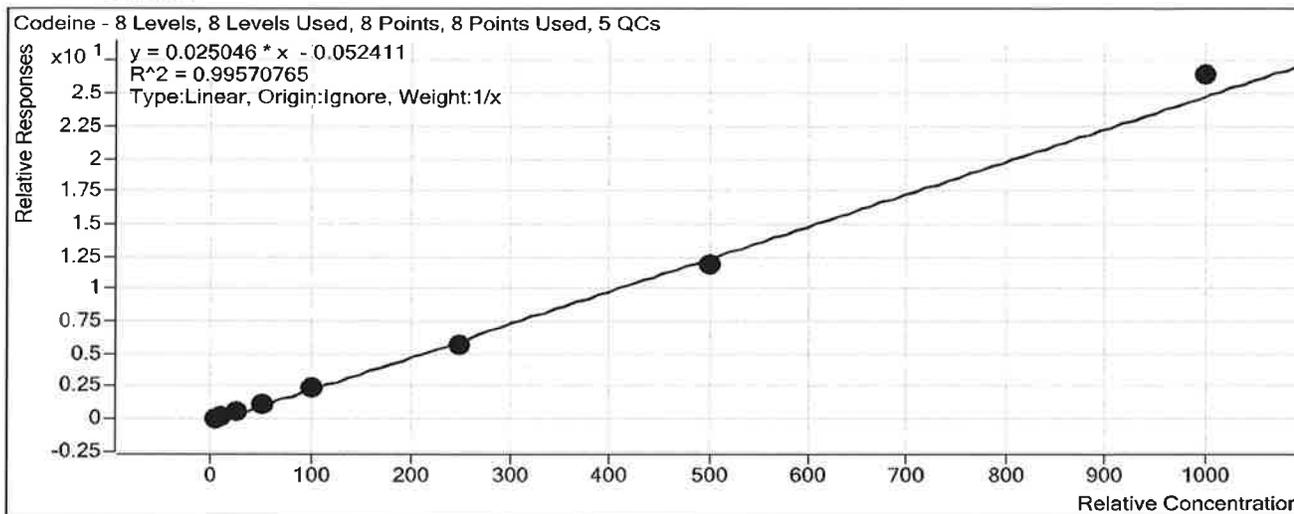
## Calibration Curve Report

A

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Codeine  
**Internal Standard** Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.4	90.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.5	94.5
a QC 100	5	<input checked="" type="checkbox"/>	100	89.3	89.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.0	94.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	225.8	90.3
a QC 250	6	<input checked="" type="checkbox"/>	250	240.2	96.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.1	95.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1056.5	105.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	998.3	99.8

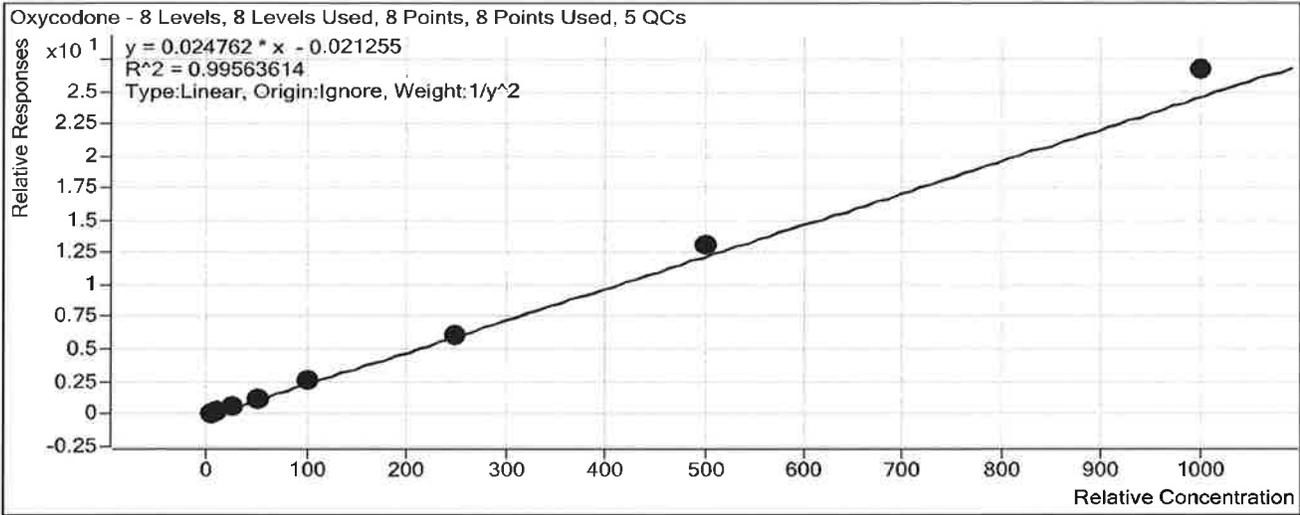
# ISP Forensics Calibration Curve Report

15

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Oxycodone  
**Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10	2	<input checked="" type="checkbox"/>	10	8.7	87.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	94.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.9	103.9
a QC 100	5	<input checked="" type="checkbox"/>	100	93.0	93.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	91.5	91.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.4	100.2
a QC 250	6	<input checked="" type="checkbox"/>	250	257.1	102.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	528.3	105.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1078.2	107.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1083.5	108.3

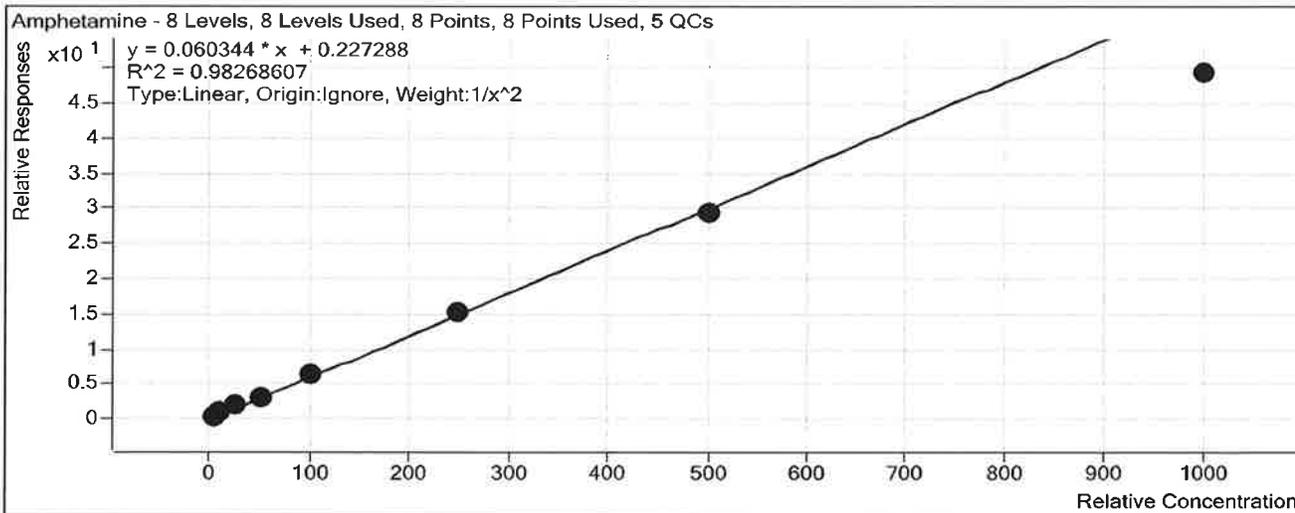
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Amphetamine  
**Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.2	111.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.4	117.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.5	105.5
a QC 100	5	<input checked="" type="checkbox"/>	100	114.6	114.6
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.4	99.3
a QC 250	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.8	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	813.8	81.4
a QC 1000	8	<input type="checkbox"/>	1000	901.8	90.2

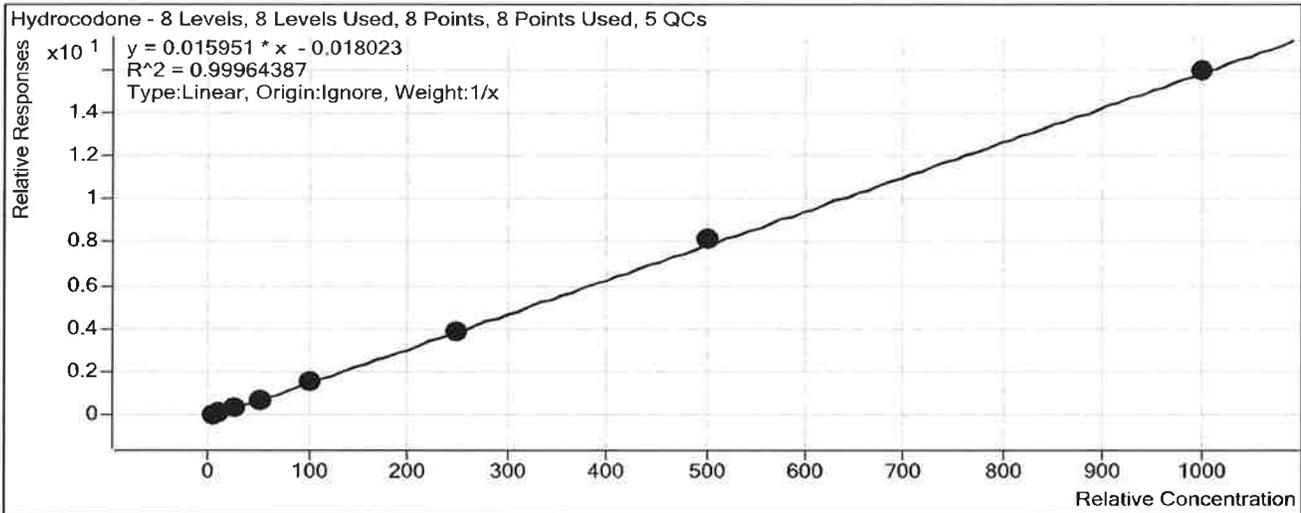
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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Hydrocodone*  
**Internal Standard** *Hydrocodone-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a QC 100	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	91.8	91.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.3	98.1
a QC 250	6	<input checked="" type="checkbox"/>	250	247.7	99.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.7	102.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	998.8	99.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1020.5	102.1

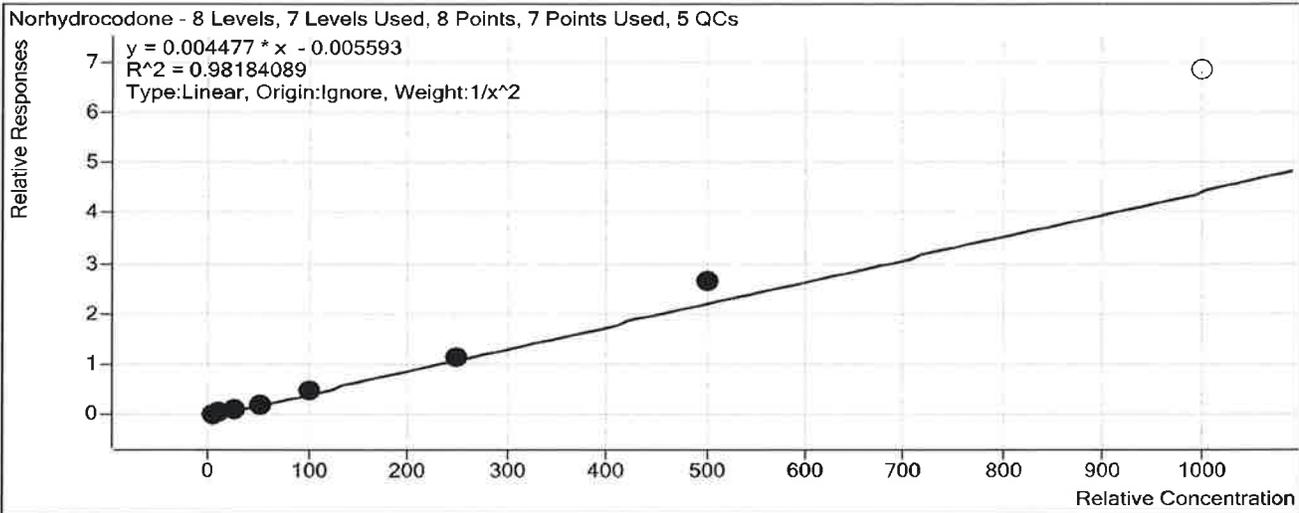
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Norhydrocodone*  
**Internal Standard** *Norhydrocodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.1	80.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a QC 100	5	<input checked="" type="checkbox"/>	100	90.0	90.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	90.5	90.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.4	102.6
a QC 250	6	<input checked="" type="checkbox"/>	250	286.6	114.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	590.3	118.1
a cal 8-1000ng	8	<input type="checkbox"/>	1000	1530.0	153.0
<del>a QC 1000</del>	<del>8</del>	<del><input checked="" type="checkbox"/></del>	<del>1000</del>	<del>1565.0</del>	<del>156.5</del> * Outside curve range

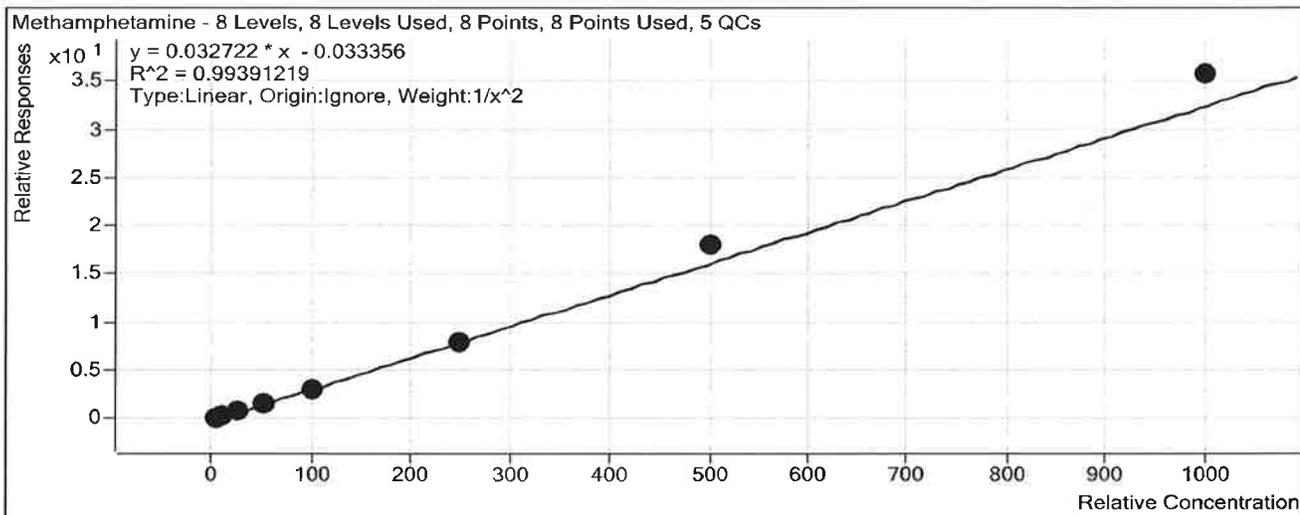
# ISP FORENSICS Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Methamphetamine*  
**Internal Standard** *Methamphetamine-D11*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100	5	<input checked="" type="checkbox"/>	100	88.3	88.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	97.0	97.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.5	96.2
a QC 250	6	<input checked="" type="checkbox"/>	250	256.6	102.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	550.7	110.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1093.7	109.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1107.9	110.8

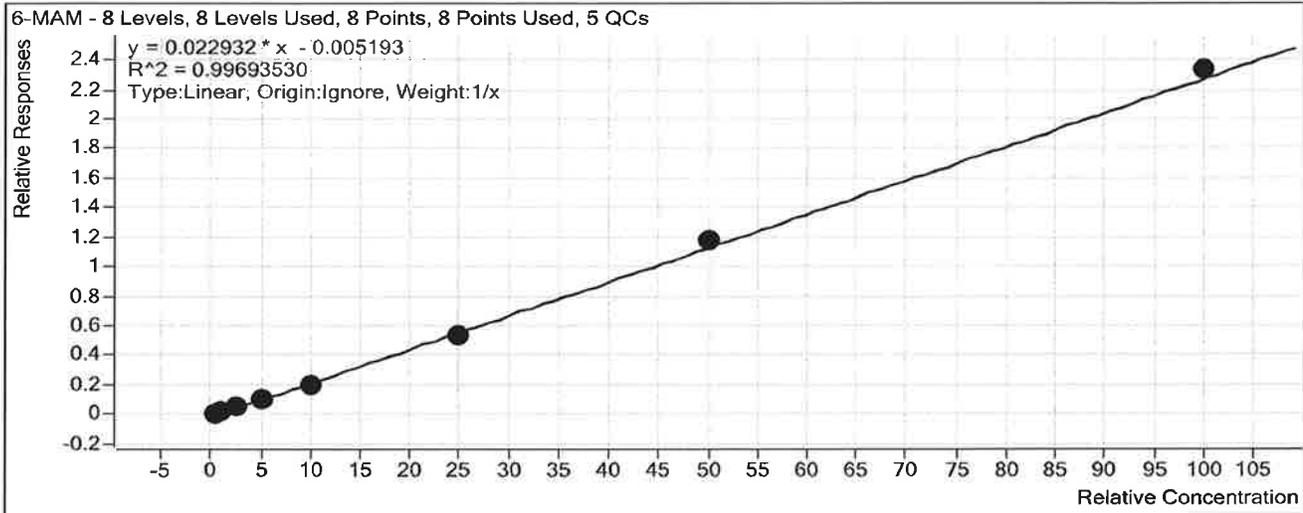
# ISP Forensics Calibration Curve Report

D

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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** 6-MAM  
**Internal Standard** 6-MAM-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	124.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	107.9
a QC 10	2	<input checked="" type="checkbox"/>	1	1.1	110.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	96.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.3	86.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	8.6	86.0
a QC 100	5	<input checked="" type="checkbox"/>	10	8.7	86.8
a QC 100 2nd	5	<input checked="" type="checkbox"/>	10	8.0	80.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.3	93.0
a QC 250	6	<input checked="" type="checkbox"/>	25	22.5	89.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.7	103.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.0	102.0
a QC 1000	8	<input checked="" type="checkbox"/>	100	100.4	100.4

# ISP FORENSICS

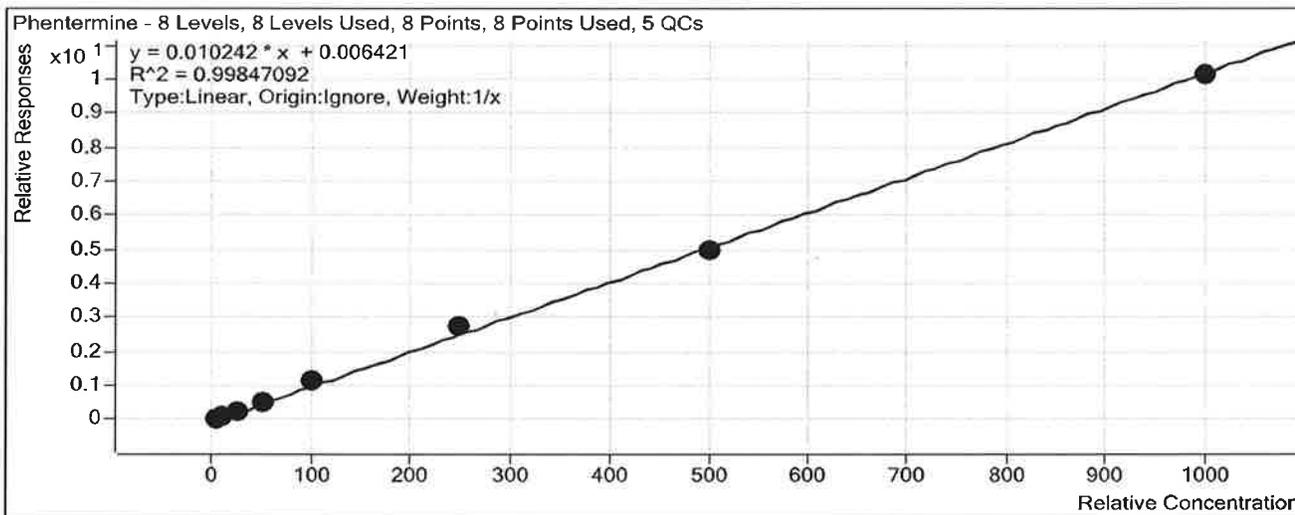
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Phentermine*  
**Internal Standard** *Phentermine-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.8
a QC 10	2	<input checked="" type="checkbox"/>	10	8.6	86.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.6	110.6
a QC 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.1	106.1
a QC 250	6	<input checked="" type="checkbox"/>	250	265.8	106.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.5	97.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.6	98.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1023.5	102.3

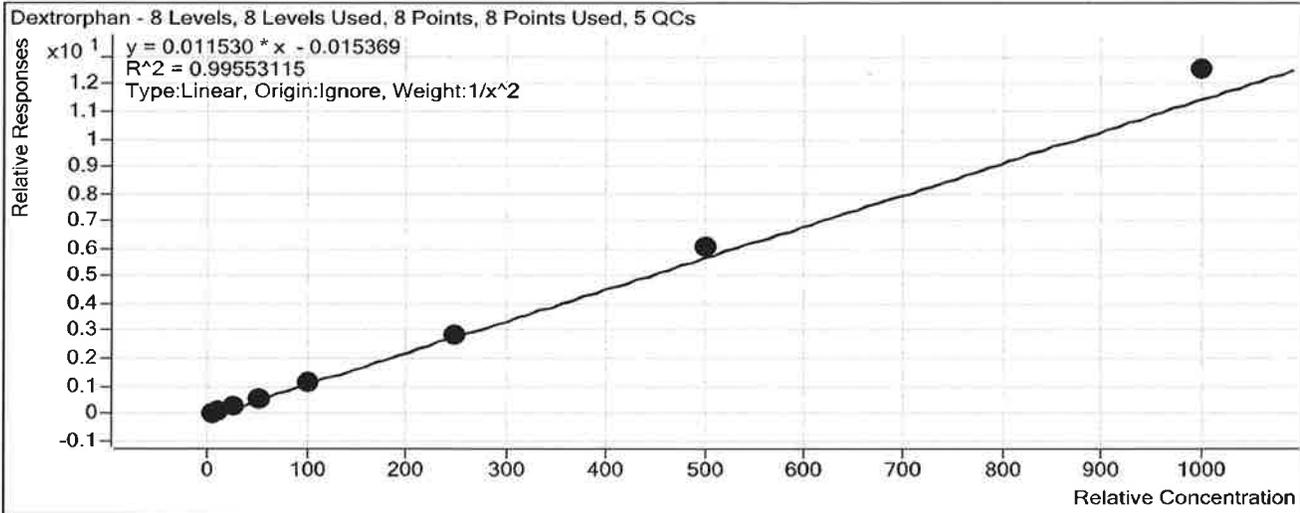
# ISP Forensics Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Dextrorphan*  
**Internal Standard** *Dextrorphan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a QC 100	5	<input checked="" type="checkbox"/>	100	94.3	94.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	91.8	91.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.1	98.5
a QC 250	6	<input checked="" type="checkbox"/>	250	256.4	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	526.6	105.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1087.7	108.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1100.6	110.1

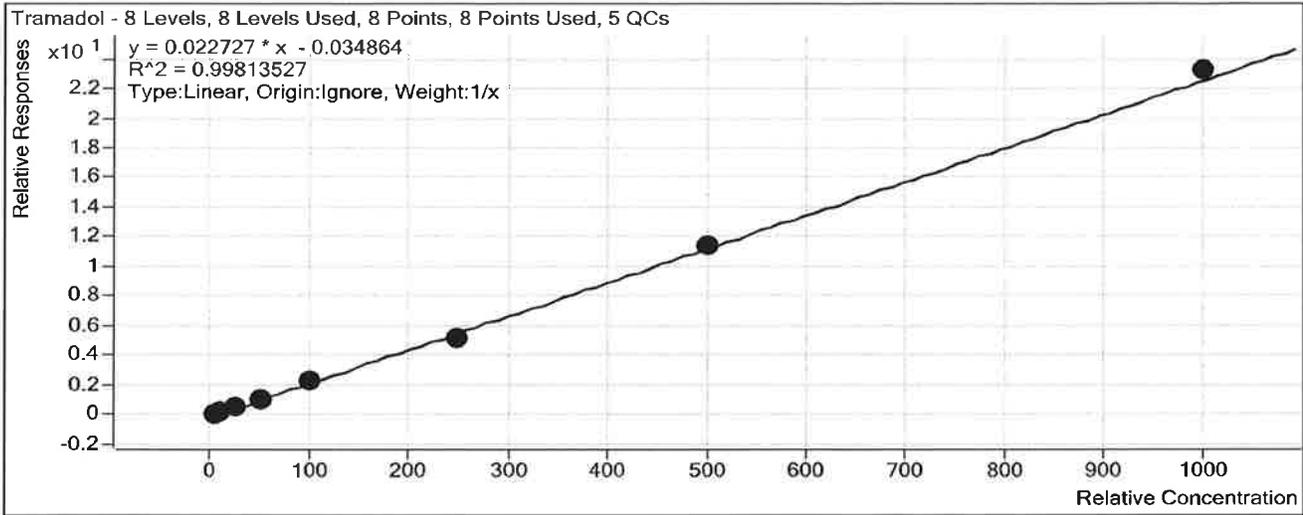
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Tramadol  
**Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	113.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.0	90.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a QC 100	5	<input checked="" type="checkbox"/>	100	87.1	87.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	226.9	90.8
a QC 250	6	<input checked="" type="checkbox"/>	250	236.7	94.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.1	100.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.4	102.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1083.7	108.4

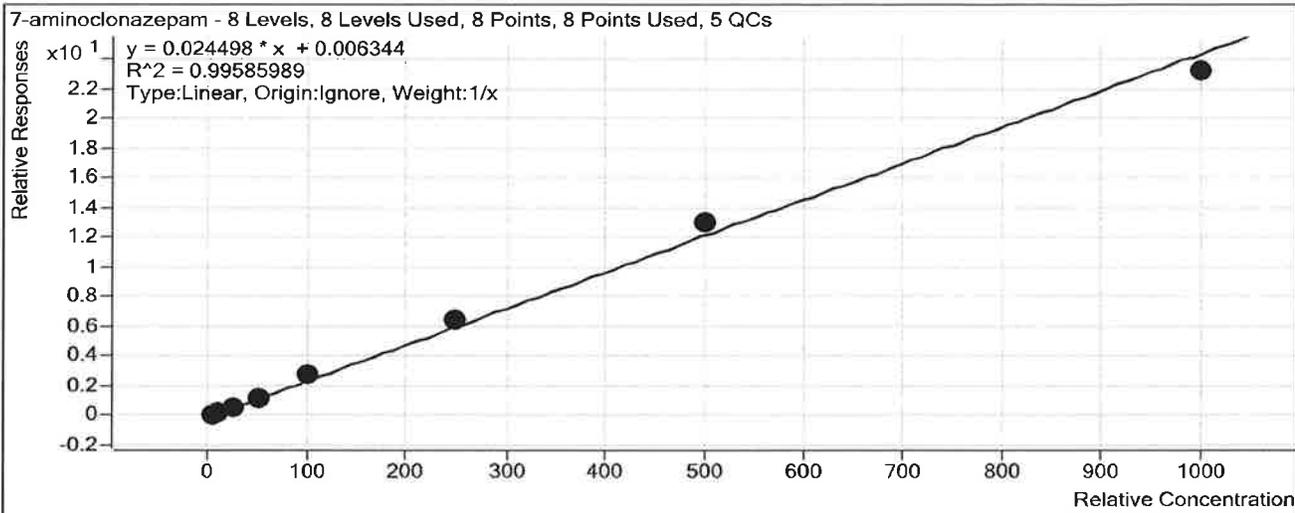
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** 7-aminoclonazepam  
**Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	86.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.7	113.7
a QC 100	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.0	105.2
a QC 250	6	<input checked="" type="checkbox"/>	250	264.9	106.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.5	105.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	945.6	94.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	928.3	92.8

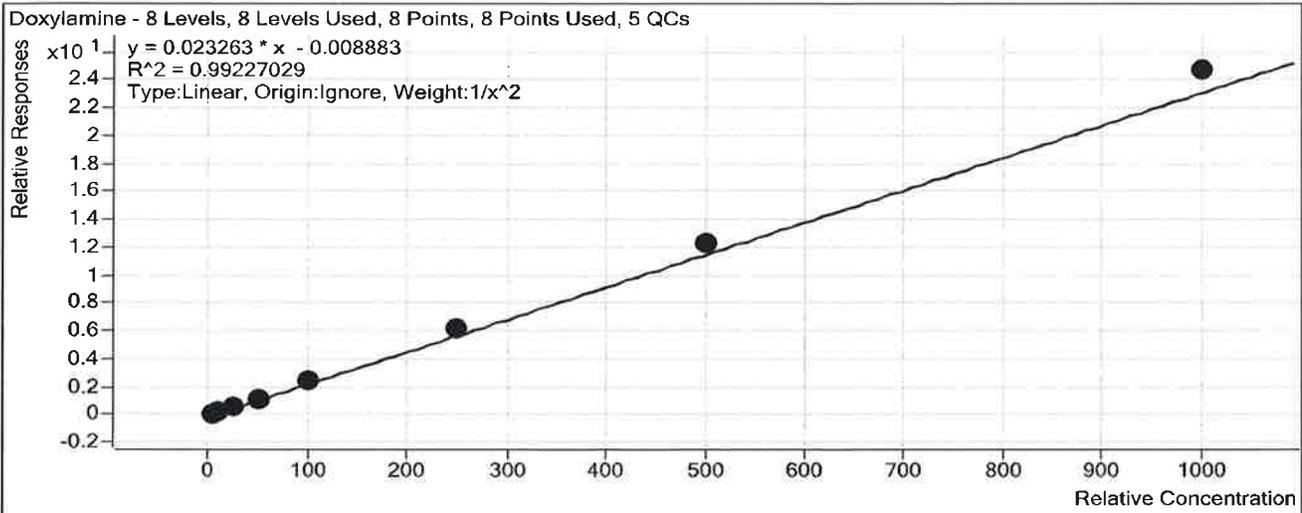
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Doxylamine  
**Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
a QC 10	2	<input checked="" type="checkbox"/>	10	8.2	82.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.5	87.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a QC 100	5	<input checked="" type="checkbox"/>	100	92.7	92.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.8	107.1
a QC 250	6	<input checked="" type="checkbox"/>	250	287.9	115.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.0	106.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1061.1	106.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1162.2	116.2

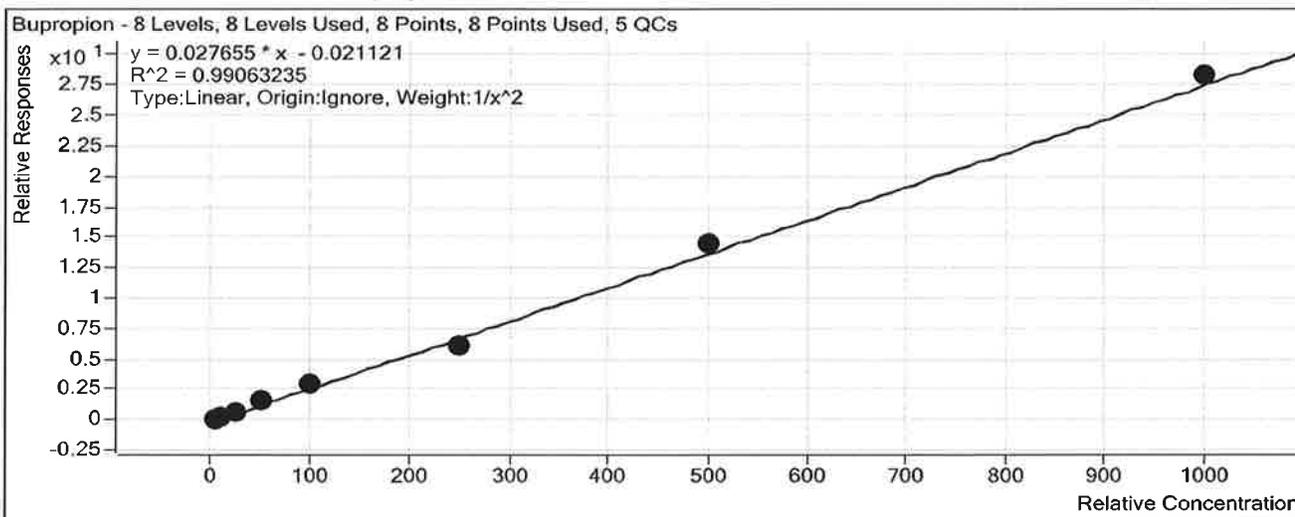
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Bupropion*  
**Internal Standard** *Bupropion-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.9	87.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.0	112.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a QC 100	5	<input checked="" type="checkbox"/>	100	84.5	84.5
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	91.5	91.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	221.4	88.6
a QC 250	6	<input checked="" type="checkbox"/>	250	241.9	96.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.4	104.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.3	102.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1101.9	110.2

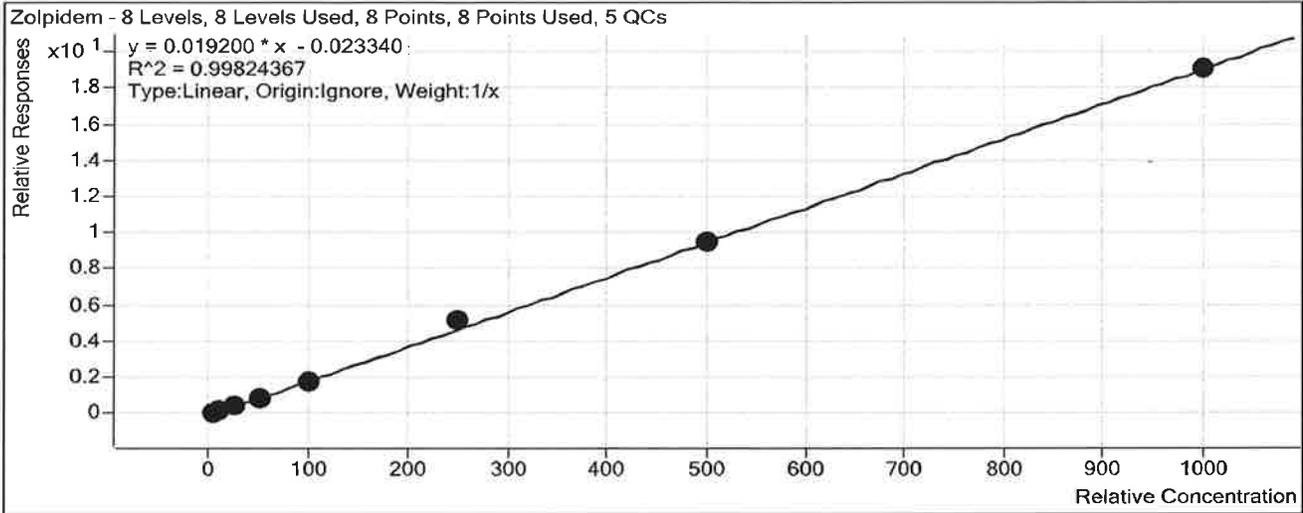
# ISP FORENSICS Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Zolpidem  
**Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10	2	<input checked="" type="checkbox"/>	10	8.5	85.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.0	92.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.0	91.0
a QC 100	5	<input checked="" type="checkbox"/>	100	90.2	90.2
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.2	89.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.6	108.6
a QC 250	6	<input checked="" type="checkbox"/>	250	245.9	98.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.4	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.7	99.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1015.4	101.5

# ISP FORENSICS

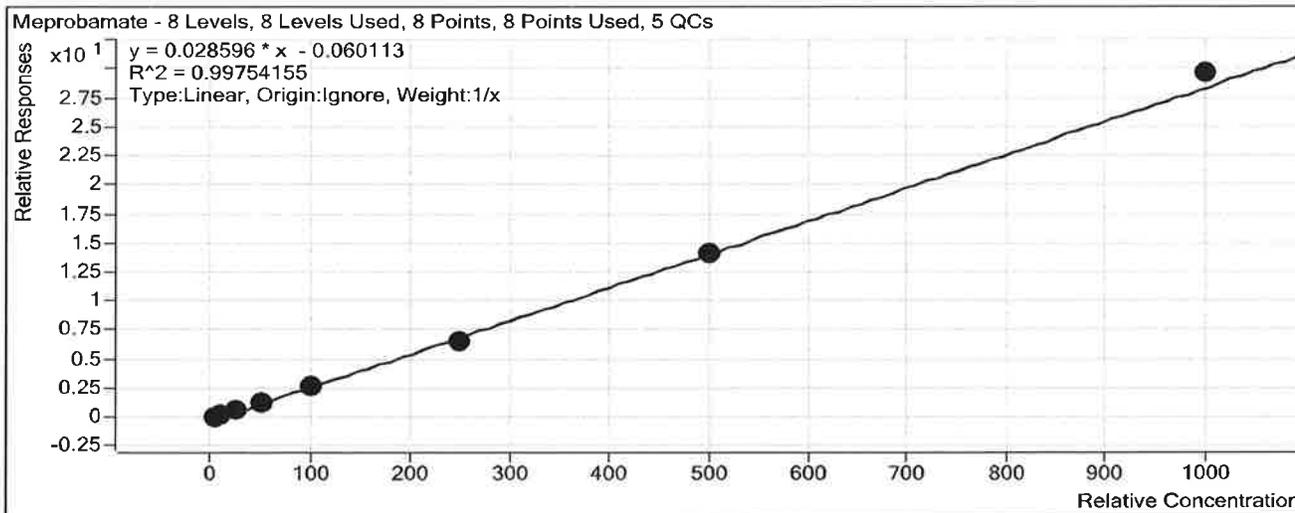
## Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Meprobamate  
**Internal Standard** Meprobamate-D7



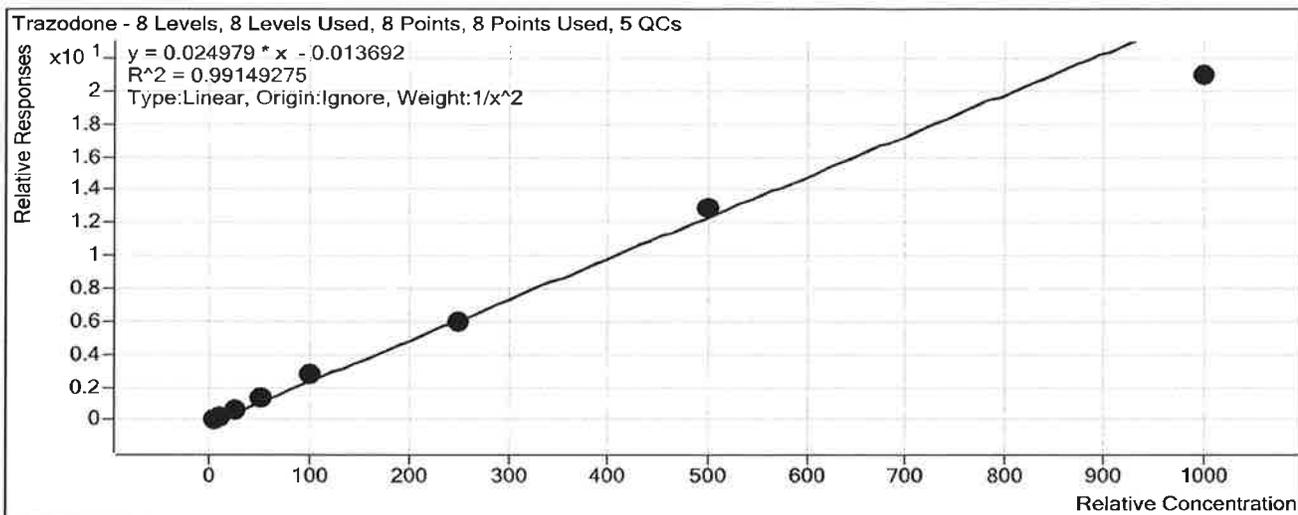
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.4	127.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.1	93.1
a QC 100	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	88.1	88.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	229.4	91.7
a QC 250	6	<input checked="" type="checkbox"/>	250	248.4	99.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.3	98.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1037.2	103.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	980.1	98.0

# ISP FORENSICS Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Trazodone  
**Internal Standard** Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.9	110.9
a QC 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.0	96.4
a QC 250	6	<input checked="" type="checkbox"/>	250	262.5	105.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.8	104.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	838.6	83.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	951.7	95.2

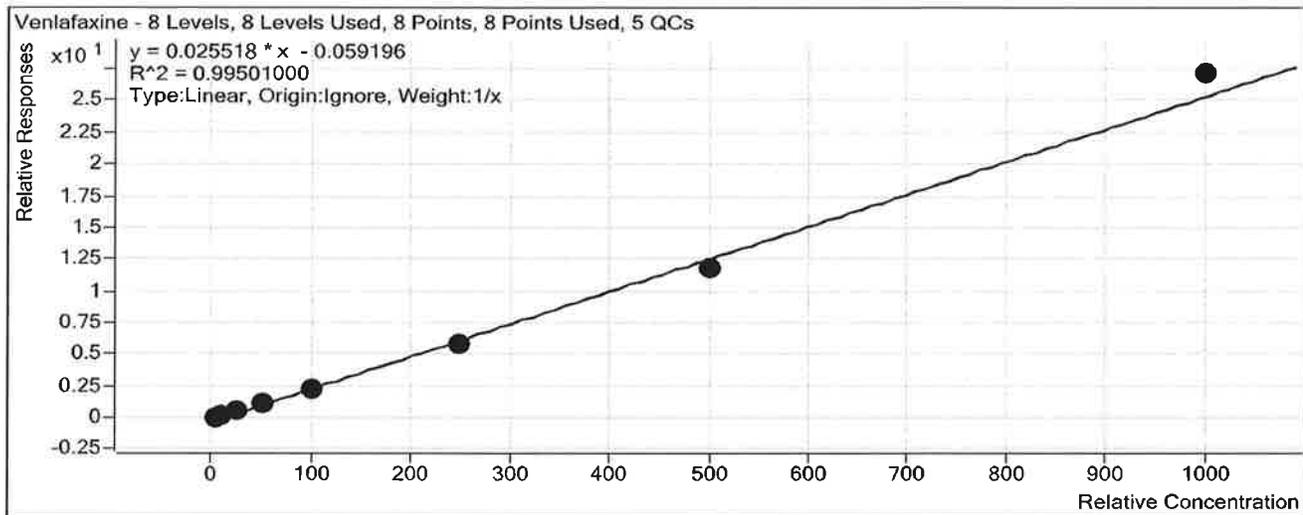
# ISP FORENSICS

## Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Venlafaxine  
**Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	124.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.5	94.5
a QC 100	5	<input checked="" type="checkbox"/>	100	85.9	85.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	86.5	86.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.0	92.4
a QC 250	6	<input checked="" type="checkbox"/>	250	240.3	96.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.8	93.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1063.1	106.3
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1018.0	101.8

# ISP FORENSICS

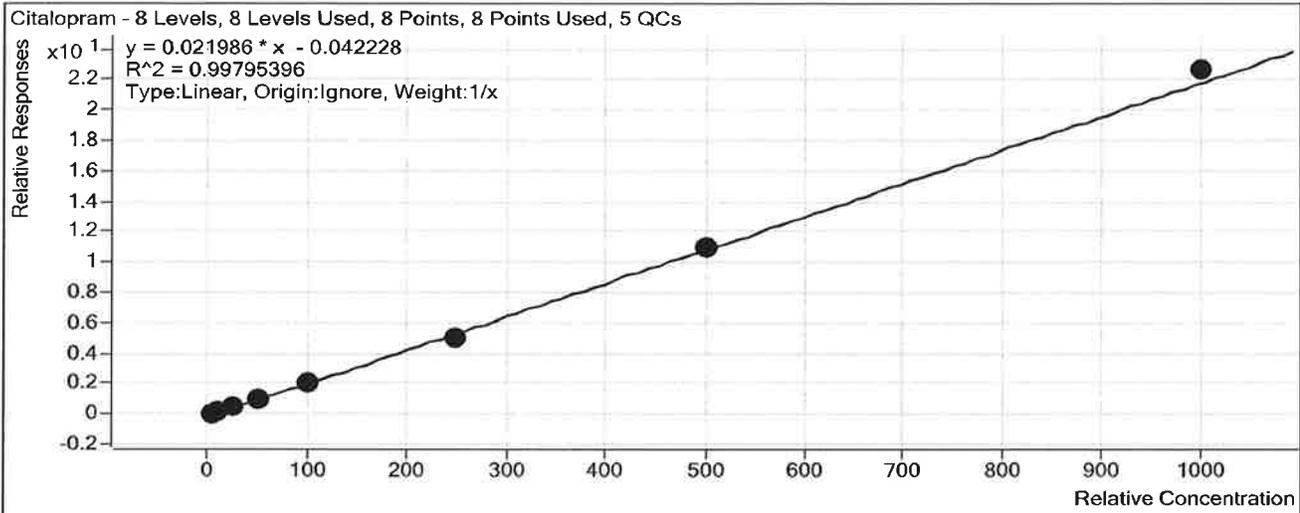
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Citalopram*  
**Internal Standard** *Citalopram-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a QC 100	5	<input checked="" type="checkbox"/>	100	86.0	86.0
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	227.0	90.8
a QC 250	6	<input checked="" type="checkbox"/>	250	255.4	102.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.1	99.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.1	103.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1101.0	110.1

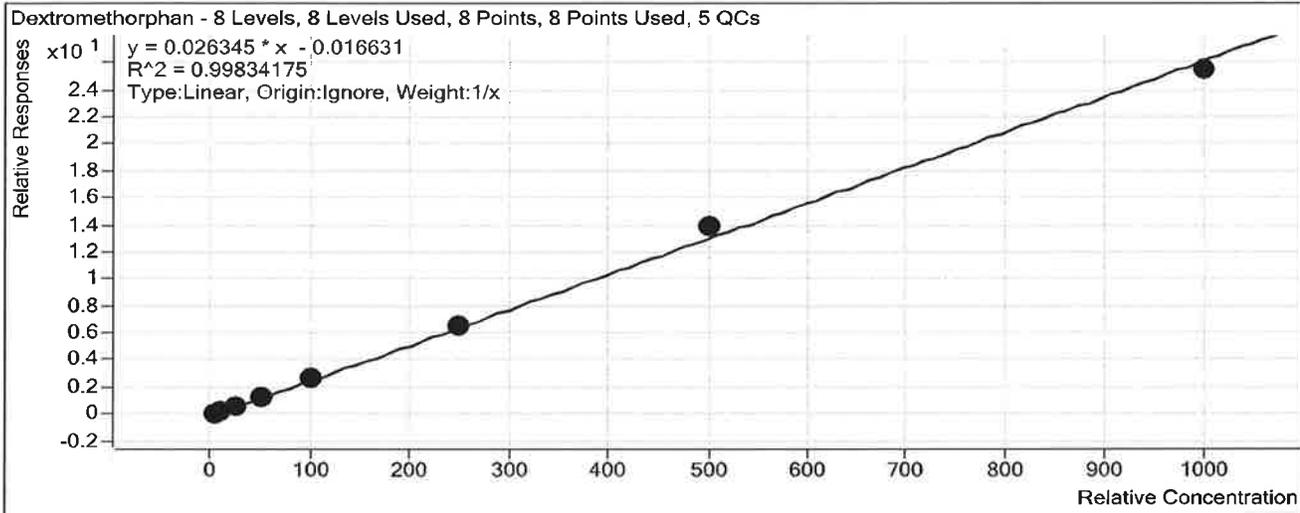
# ISP FORENSICS Calibration Curve Report

S

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Dextromethorphan*  
**Internal Standard** *Dextromethorphan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.1	104.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a QC 100	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	88.8	88.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.2	100.9
a QC 250	6	<input checked="" type="checkbox"/>	250	253.7	101.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.1	105.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	967.1	96.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1003.3	100.3

# ISP FORENSICS

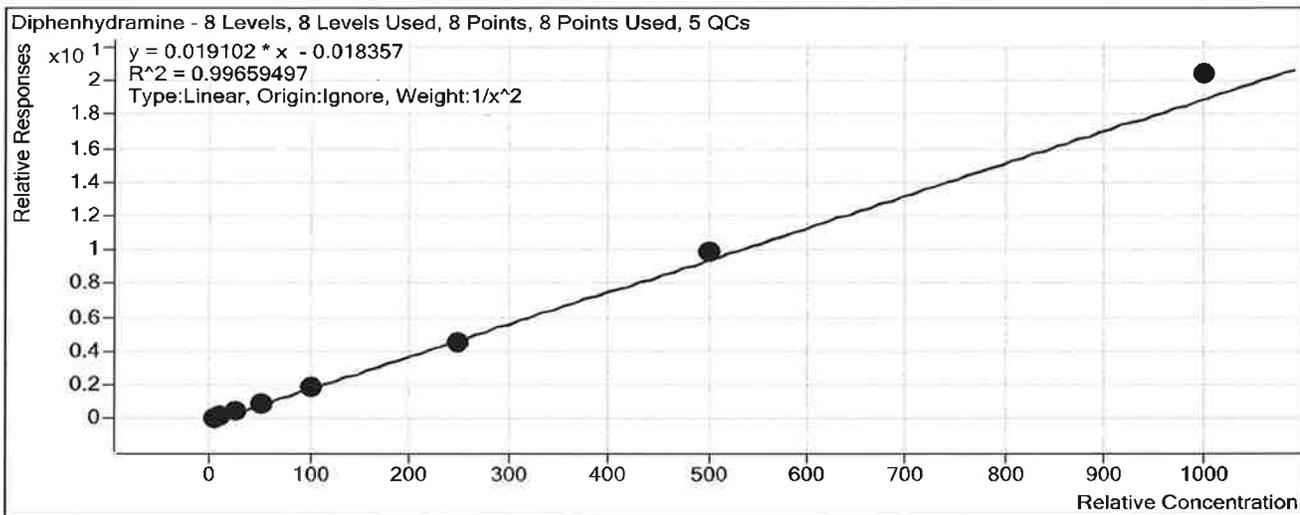
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *Diphenhydramine*  
**Internal Standard** *Diphenhydramine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.8	94.8
a QC 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	85.5	85.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.3	96.5
a QC 250	6	<input checked="" type="checkbox"/>	250	255.9	102.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.9	103.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1068.1	106.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1182.3	118.2

# ISP FORENSICS

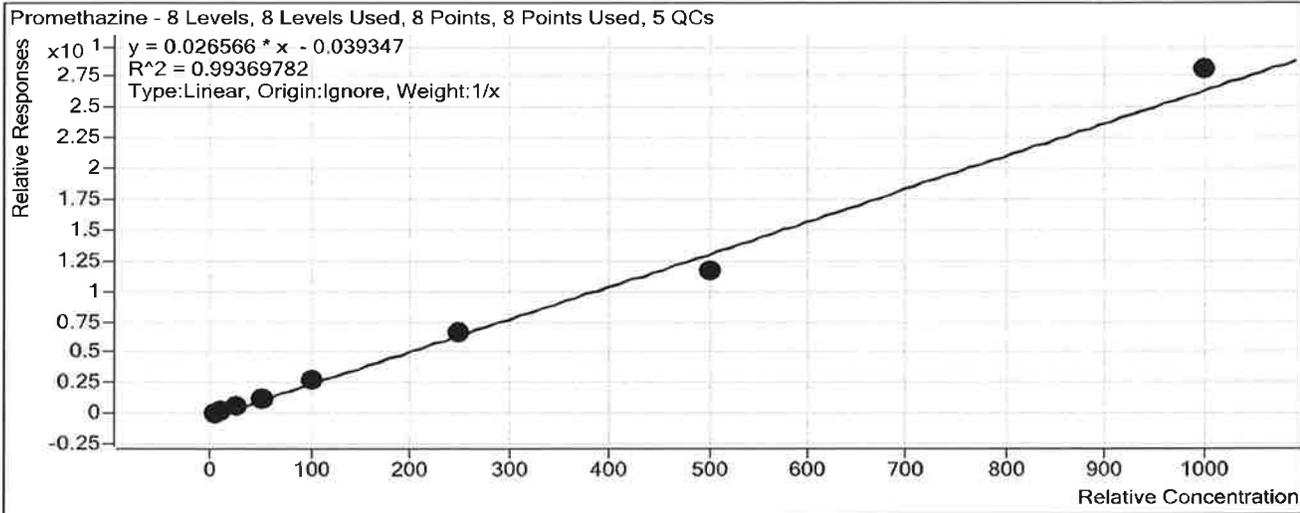
## Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Promethazine  
**Internal Standard** Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10	2	<input checked="" type="checkbox"/>	10	8.6	85.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a QC 100	5	<input checked="" type="checkbox"/>	100	97.8	97.8
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	93.5	93.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.1	101.2
a QC 250	6	<input checked="" type="checkbox"/>	250	255.2	102.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	439.4	87.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1059.1	105.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1070.9	107.1

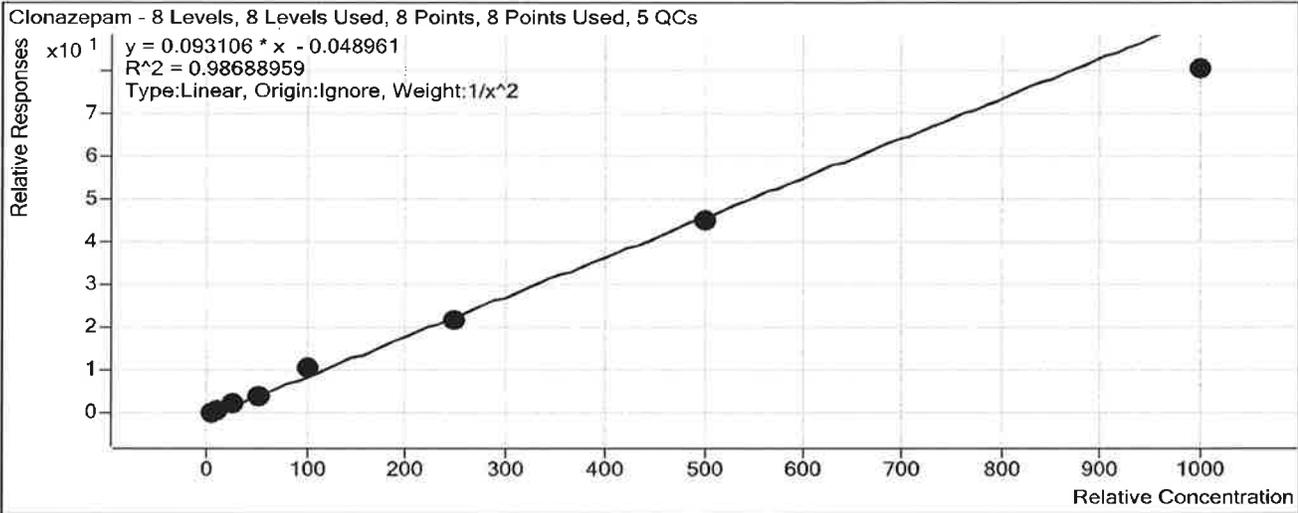
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.3
a QC 10	2	<input checked="" type="checkbox"/>	10	8.9	88.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.1	108.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	118.0	118.0
a QC 100	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.8	89.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.9	95.1
a QC 250	6	<input checked="" type="checkbox"/>	250	269.7	107.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.7	97.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	865.9	86.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	977.2	97.7

# ISP FORENSICS

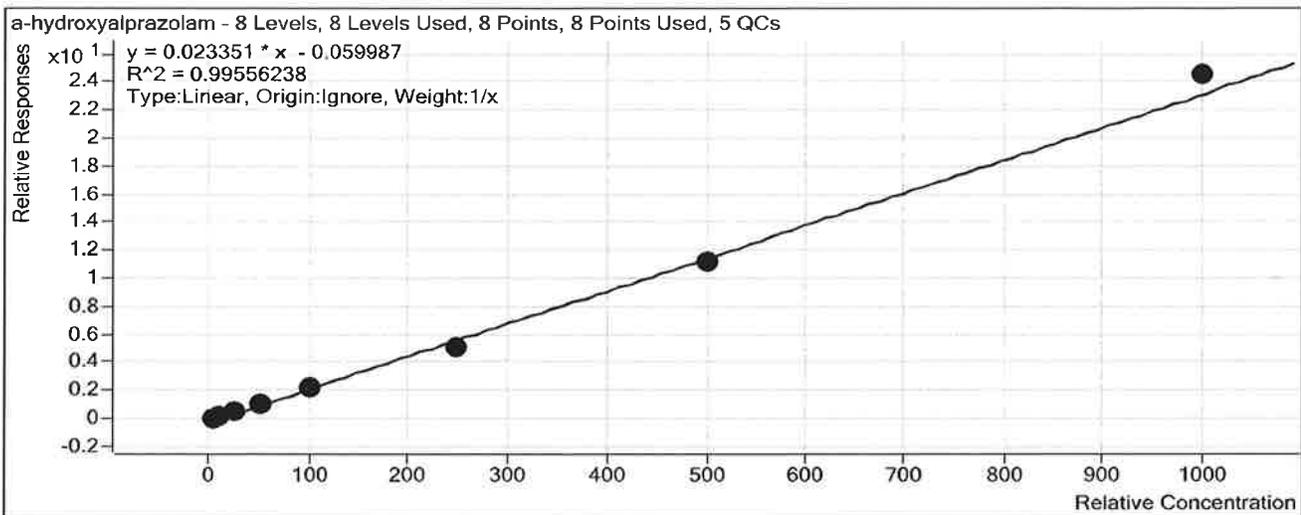
## Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** *a-hydroxyalprazolam*  
**Internal Standard** *a-hydroxyalprazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.4	128.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.4	90.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100	5	<input checked="" type="checkbox"/>	100	87.4	87.4
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	86.5	86.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	219.8	87.9
a QC 250	6	<input checked="" type="checkbox"/>	250	235.4	94.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.5	96.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1052.2	105.2
a QC 1000	8	<input type="checkbox"/>	1000	1033.3	103.3

# ISP FORENSICS

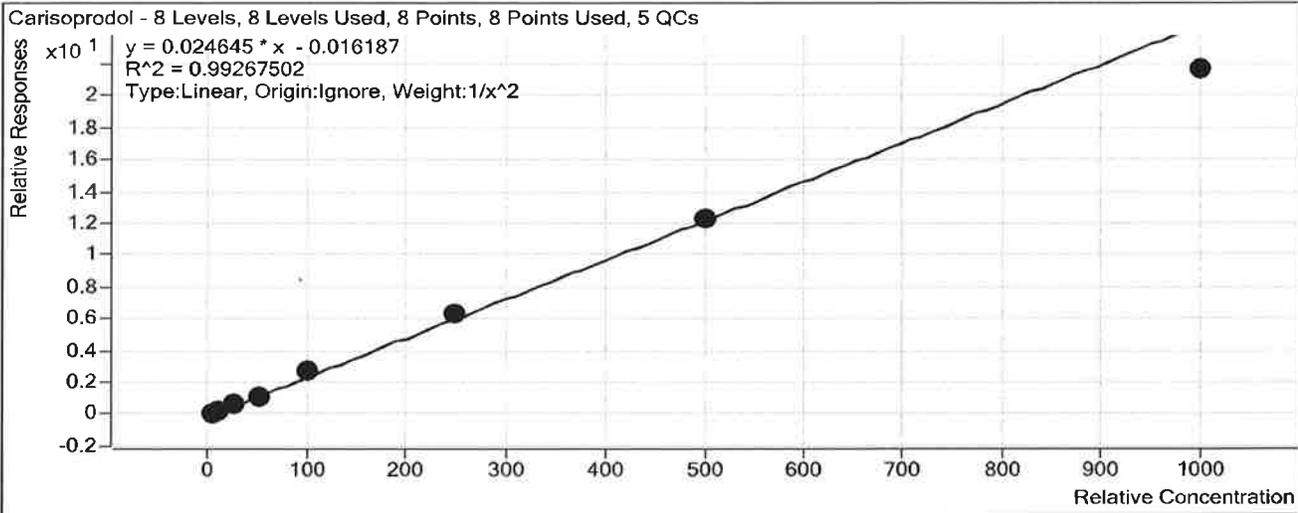
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Carisoprodol  
**Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.6	113.6
a QC 100	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	83.7	83.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.6	103.5
a QC 250	6	<input checked="" type="checkbox"/>	250	276.4	110.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.5	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	879.2	87.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	889.3	88.9

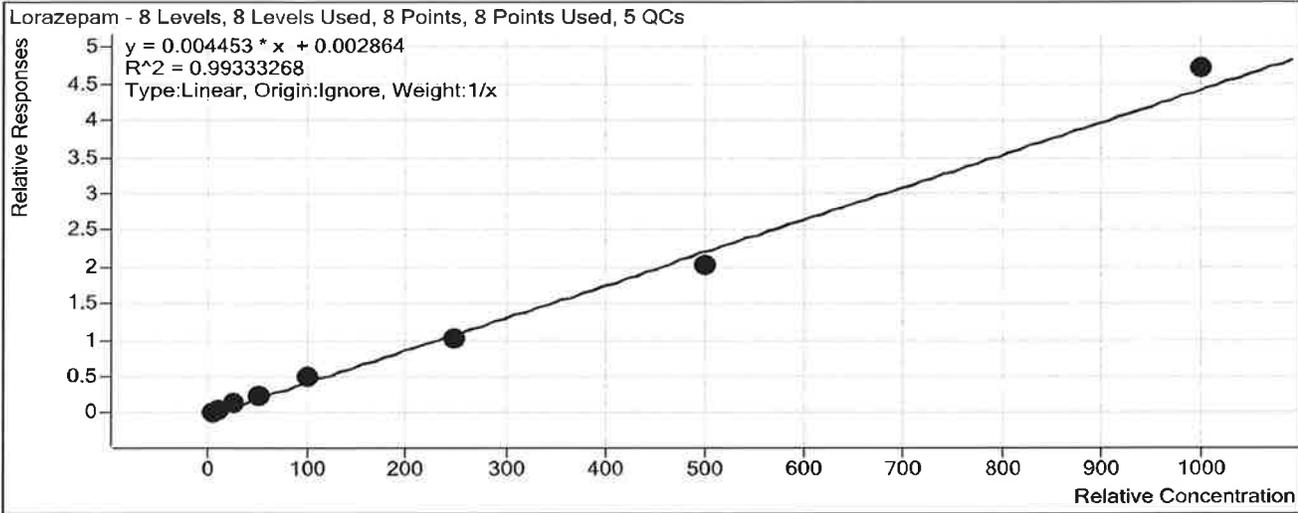
# ISP FORENSICS Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Lorazepam  
**Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.7	118.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.5	107.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a QC 100	5	<input checked="" type="checkbox"/>	100	92.3	92.3
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	95.2	95.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	225.9	90.3
a QC 250	6	<input checked="" type="checkbox"/>	250	233.1	93.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	453.0	90.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1056.9	105.7
a QC 1000	8	<input type="checkbox"/>	1000	1046.1	104.6

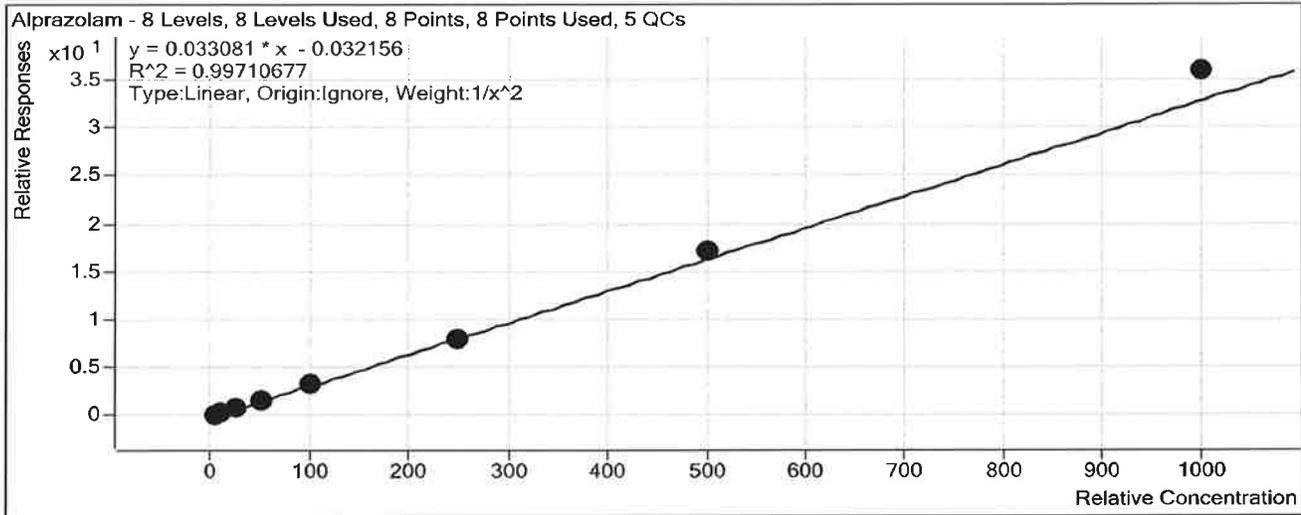
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D

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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:27 PM      **Analyst Name** ISP TOX

**Target Compound** Alprazolam  
**Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.5	97.0
a QC 250	6	<input checked="" type="checkbox"/>	250	254.2	101.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.6	103.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1087.3	108.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1113.5	111.4

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

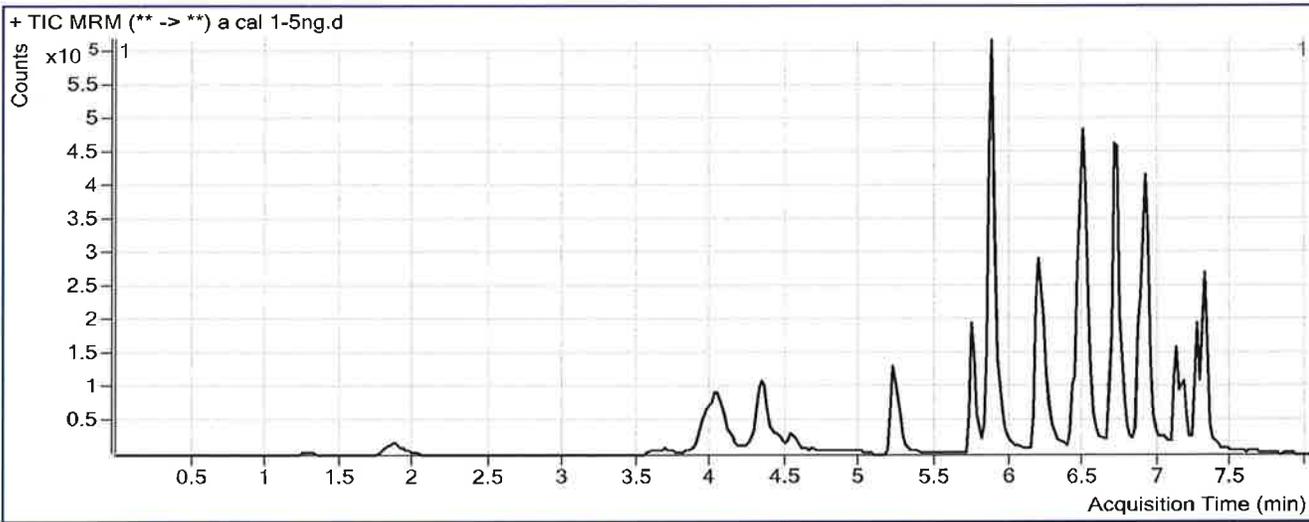
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**Report Time** 12/21/2017 12:56 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 17:45 **Data File** a cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** a cal 1-5ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	2689	20154	0.1334	6.4878
Hydromorphone	Hydromorphone-D6	1.889	12405	107593	0.1153	5.2142
Codeine	Codeine-D6	3.712	5391	52653	0.1024	6.1806
Oxycodone	Oxycodone-D6	4.066	41415	388621	0.1066	5.1622
Amphetamine	Amphetamine-D11	4.103	121812	243157	0.5010	4.5352
Hydrocodone	Hydrocodone-D6	4.351	15258	219799	0.0694	5.4817
Norhydrocodone	Norhydrocodone-D3	4.395	855	48612	0.0176	5.1782
Methamphetamine	Methamphetamine-D11	4.439	46588	350178	0.1330	5.0852
6-MAM	6-MAM-D6	4.547	564	62176	0.0091	0.6219
Phentermine	Phentermine-D5	5.261	24814	464250	0.0534	4.5916
Dextrorphan	Dextrorphan-D3	5.740	24337	546975	0.0445	5.1920
Tramadol	Tramadol-13C-D3	5.897	159387	1698386	0.0938	5.6633
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	40707	363256	0.1121	4.3153
Doxylamine	Doxylamine-D5	6.220	116097	1020007	0.1138	5.2745
Bupropion	Bupropion-D9	6.448	40748	337290	0.1208	5.1322
Zolpidem	Zolpidem-D6	6.495	118713	1518961	0.0782	5.2862
Meprobamate	Meprobamate-D7	6.551	15079	123482	0.1221	6.3725
Trazodone	Trazodone-D6	6.713	47245	424557	0.1113	5.0031
Venlafaxine	Venlafaxine-D6	6.722	112196	1119878	0.1002	6.2458
Citalopram	Citalopram-D6	6.856	38498	451296	0.0853	5.8006

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 1.5ng

D

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Dextromethorphan	Dextromethorphan-D3	6.907	14790	131770	0.1122	4.8917
Diphenhydramine	Diphenhydramine-D3	6.930	70175	936071	0.0750	4.8855
Promethazine	Promethazine-D3	7.126	44349	383498	0.1156	5.8341
Clonazepam	Clonazepam-D4	7.162	35936	90747	0.3960	4.7791
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	6638	74114	0.0896	6.4044
Carisoprodol	Carisoprodol-D7	7.272	30963	291399	0.1063	4.9683
Lorazepam	Alprazolam-D5	7.282	11159	479400	0.0233	4.5838
Alprazolam	Alprazolam-D5	7.326	66128	479400	0.1379	5.1417

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

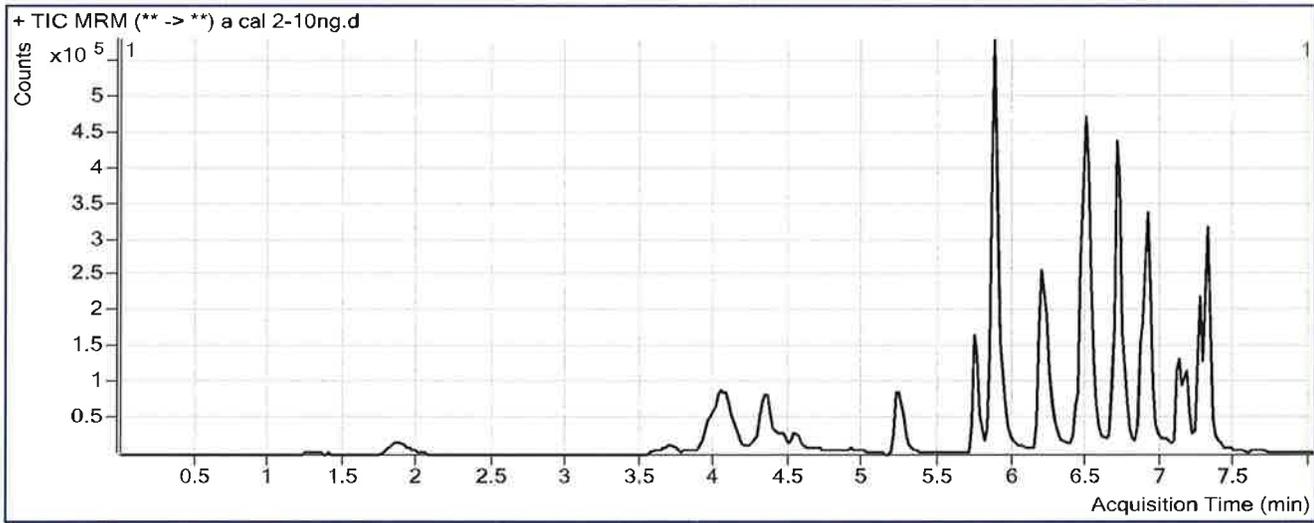
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**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:56 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 18:16 **Data File** a cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** a cal 2-10ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	5288	18902	0.2797	10.5250
Hydromorphone	Hydromorphone-D6	1.889	23594	96425	0.2447	9.6362
Codeine	Codeine-D6	3.712	10028	48831	0.2054	10.2920
Oxycodone	Oxycodone-D6	4.066	77635	355289	0.2185	9.6828
Amphetamine	Amphetamine-D11	4.103	158364	175434	0.9027	11.1927
Hydrocodone	Hydrocodone-D6	4.351	27536	192400	0.1431	10.1023
Norhydrocodone	Norhydrocodone-D3	4.375	1583	39654	0.0399	10.1637
Methamphetamine	Methamphetamine-D11	4.459	63197	213300	0.2963	10.0741
6-MAM	6-MAM-D6	4.567	1101	56287	0.0196	1.0791
Phentermine	Phentermine-D5	5.261	33513	323689	0.1035	9.4818
Dextrophan	Dextrophan-D3	5.740	40320	420080	0.0960	9.6575
Tramadol	Tramadol-13C-D3	5.897	286668	1445500	0.1983	10.2601
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	79705	325573	0.2448	9.7342
Doxylamine	Doxylamine-D5	6.220	174338	833257	0.2092	9.3756
Bupropion	Bupropion-D9	6.448	44382	179476	0.2473	9.7056
Zolpidem	Zolpidem-D6	6.495	237471	1412535	0.1681	9.9718
Meprobamate	Meprobamate-D7	6.551	26116	119237	0.2190	9.7615
Trazodone	Trazodone-D6	6.713	78155	343020	0.2278	9.6696
Venlafaxine	Venlafaxine-D6	6.701	178623	863055	0.2070	10.4303
Citalopram	Citalopram-D6	6.856	50491	296437	0.1703	9.6676

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 2 10ng S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	21042	91987	0.2288	9.3142
Diphenhydramine	Diphenhydramine-D3	6.910	108707	583209	0.1864	10.7188
Promethazine	Promethazine-D3	7.126	66516	303360	0.2193	9.7345
Clonazepam	Clonazepam-D4	7.162	69488	74580	0.9317	10.5330
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	13280	75133	0.1767	10.1378
Carisoprodol	Carisoprodol-D7	7.272	63936	275323	0.2322	10.0794
Lorazepam	Alprazolam-D5	7.282	19201	455344	0.0422	8.8257
Alprazolam	Alprazolam-D5	7.305	131199	455344	0.2881	9.6817

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

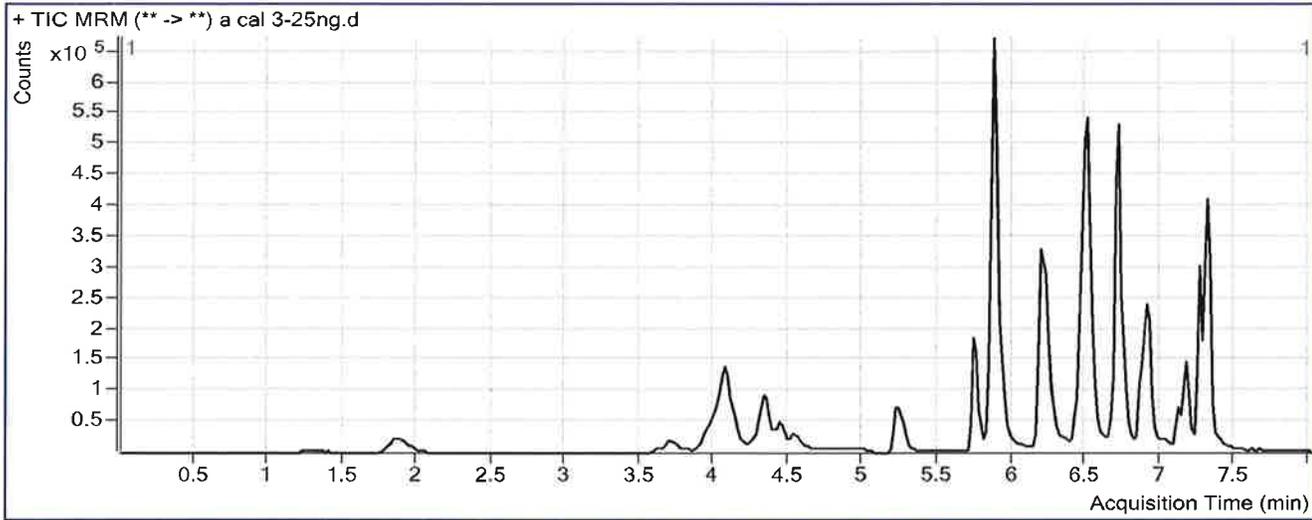
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:56 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 18:48 **Data File** a cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** a cal 3-25ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	12518	17505	0.7151	22.5356
Hydromorphone	Hydromorphone-D6	1.909	54664	87913	0.6218	22.5242
Codeine	Codeine-D6	3.712	24617	44450	0.5538	24.2041
Oxycodone	Oxycodone-D6	4.066	176436	321684	0.5485	23.0083
Amphetamine	Amphetamine-D11	4.103	279529	139876	1.9984	29.3504
Hydrocodone	Hydrocodone-D6	4.351	64219	173604	0.3699	24.3207
Norhydrocodone	Norhydrocodone-D3	4.375	2941	34849	0.0844	20.0962
Methamphetamine	Methamphetamine-D11	4.459	128869	174578	0.7382	23.5786
6-MAM	6-MAM-D6	4.567	2681	53477	0.0501	2.4123
Phentermine	Phentermine-D5	5.261	68311	268434	0.2545	24.2194
Dextrophan	Dextrophan-D3	5.740	91441	368068	0.2484	22.8798
Tramadol	Tramadol-13C-D3	5.897	661258	1244412	0.5314	24.9151
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	184567	305787	0.6036	24.3790
Doxylamine	Doxylamine-D5	6.220	397672	746016	0.5331	23.2960
Bupropion	Bupropion-D9	6.468	74817	127980	0.5846	21.9027
Zolpidem	Zolpidem-D6	6.495	544464	1141291	0.4771	26.0627
Meprobamate	Meprobamate-D7	6.551	67779	109269	0.6203	23.7941
Trazodone	Trazodone-D6	6.713	151536	239605	0.6324	25.8671
Venlafaxine	Venlafaxine-D6	6.722	384599	720912	0.5335	23.2259
Citalopram	Citalopram-D6	6.856	87458	167640	0.5217	25.6492

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 3 25ng

5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	27536	42223	0.6522	25.3856
Diphenhydramine	Diphenhydramine-D3	6.930	156778	354934	0.4417	24.0845
Promethazine	Promethazine-D3	7.126	58618	100643	0.5824	23.4050
Clonazepam	Clonazepam-D4	7.162	177088	71440	2.4788	27.1497
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	34151	72590	0.4705	22.7160
Carisoprodol	Carisoprodol-D7	7.272	156670	258354	0.6064	25.2629
Lorazepam	Alprazolam-D5	7.282	56539	418917	0.1350	29.6626
Alprazolam	Alprazolam-D5	7.326	319304	418917	0.7622	24.0125

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

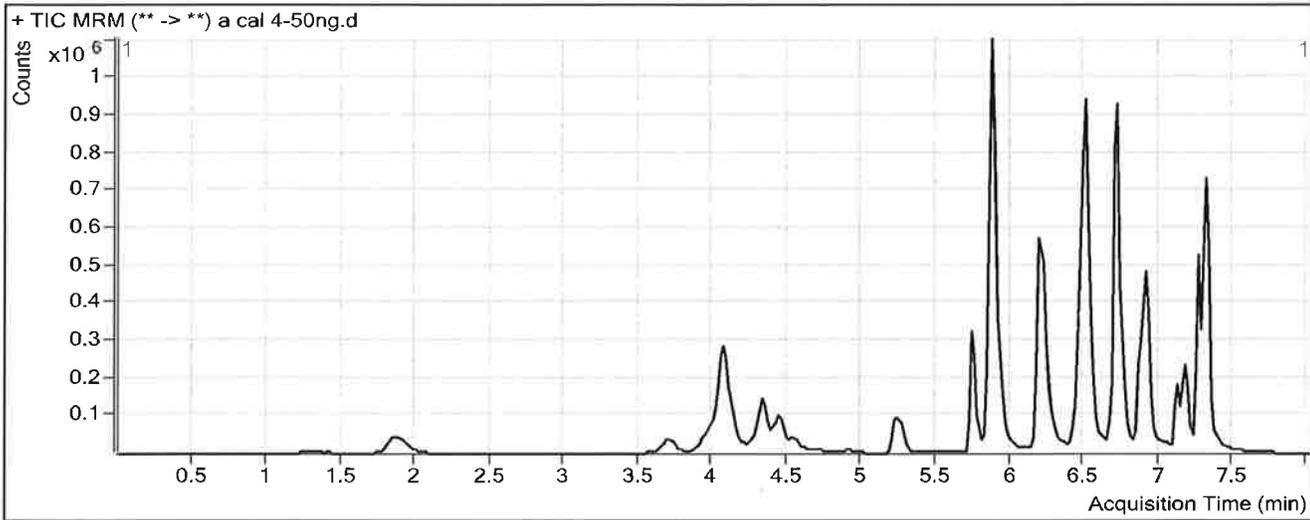
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1a 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:57 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

**Analysis Info**

**Acq Time** 2017-12-18 19:19 **Data File** a cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** a cal 4-50ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	30771	20568	1.4961	44.0782
Hydromorphone	Hydromorphone-D6	1.889	143659	107317	1.3386	47.0225
Codeine	Codeine-D6	3.712	57984	53484	1.0842	45.3796
Oxycodone	Oxycodone-D6	4.066	435130	377045	1.1541	47.4642
Amphetamine	Amphetamine-D11	4.103	576682	182570	3.1587	48.5784
Hydrocodone	Hydrocodone-D6	4.331	154252	212447	0.7261	46.6484
Norhydrocodone	Norhydrocodone-D3	4.375	7949	39516	0.2012	46.1820
Methamphetamine	Methamphetamine-D11	4.439	300655	203651	1.4763	46.1369
6-MAM	6-MAM-D6	4.547	5925	62804	0.0943	4.3403
Phentermine	Phentermine-D5	5.261	160913	299159	0.5379	51.8901
Dextrorphan	Dextrorphan-D3	5.740	226062	426733	0.5298	47.2783
Tramadol	Tramadol-13C-D3	5.897	1573689	1593901	0.9873	44.9765
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	460269	375668	1.2252	49.7532
Doxylamine	Doxylamine-D5	6.220	798237	795305	1.0037	43.5264
Bupropion	Bupropion-D9	6.448	151069	98912	1.5273	55.9913
Zolpidem	Zolpidem-D6	6.495	1359492	1580017	0.8604	46.0299
Meprobamate	Meprobamate-D7	6.551	155897	123697	1.2603	46.1758
Trazodone	Trazodone-D6	6.713	405154	313249	1.2934	52.3273
Venlafaxine	Venlafaxine-D6	6.722	897177	809386	1.1085	45.7579
Citalopram	Citalopram-D6	6.856	242378	236602	1.0244	48.5139

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

a cal 4 50ng

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	88862	65547	1.3557	52.0907
Diphenhydramine	Diphenhydramine-D3	6.910	425255	468932	0.9069	48.4351
Promethazine	Promethazine-D3	7.126	235272	190708	1.2337	47.9189
Clonazepam	Clonazepam-D4	7.162	361142	84161	4.2911	46.6140
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	78144	78130	1.0002	45.4002
Carisoprodol	Carisoprodol-D7	7.272	370150	326448	1.1339	46.6649
Lorazepam	Alprazolam-D5	7.282	115742	479736	0.2413	53.5309
Alprazolam	Alprazolam-D5	7.305	745181	479736	1.5533	47.9262

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

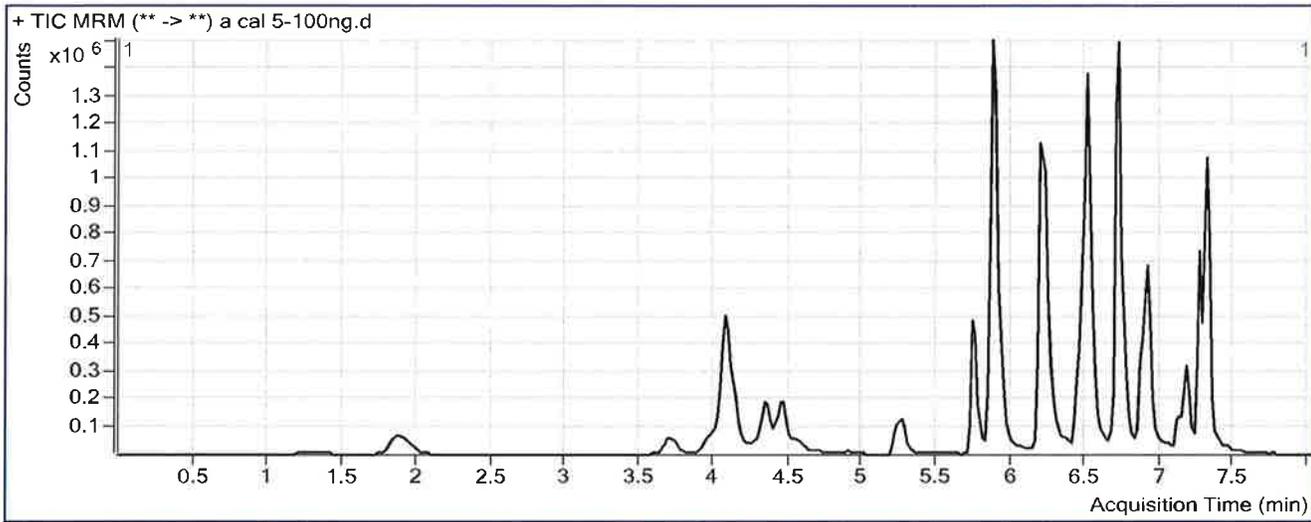


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**Analysis Time** 12/21/2017 12:30 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 12:57 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:27 PM **Batch State** ResultsCleaned

### Analysis Info

**Acq Time** 2017-12-18 19:51 **Data File** a cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** a cal 5-100ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	55949	16854	3.3196	94.3824
Hydromorphone	Hydromorphone-D6	1.889	260414	90222	2.8864	99.9168
Codeine	Codeine-D6	3.712	101169	43714	2.3144	94.4982
Oxycodone	Oxycodone-D6	4.066	807346	316359	2.5520	103.9193
Amphetamine	Amphetamine-D11	4.103	1132434	171701	6.5954	105.5305
Hydrocodone	Hydrocodone-D6	4.331	279829	179929	1.5552	98.6289
Norhydrocodone	Norhydrocodone-D3	4.375	16459	36690	0.4486	101.4461
Methamphetamine	Methamphetamine-D11	4.439	594243	192721	3.0834	95.2516
6-MAM	6-MAM-D6	4.547	10312	53733	0.1919	8.5953
Phentermine	Phentermine-D5	5.261	325630	285891	1.1390	110.5807
Dextrophan	Dextrophan-D3	5.740	464273	404213	1.1486	100.9502
Tramadol	Tramadol-13C-D3	5.897	2981803	1321668	2.2561	100.8030
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	781172	279934	2.7906	113.6502
Doxylamine	Doxylamine-D5	6.220	1974374	842697	2.3429	101.0948
Bupropion	Bupropion-D9	6.448	375051	129317	2.9002	105.6364
Zolpidem	Zolpidem-D6	6.495	2268363	1316210	1.7234	90.9769
Meprobamate	Meprobamate-D7	6.551	264370	101604	2.6020	93.0944
Trazodone	Trazodone-D6	6.713	685561	248717	2.7564	110.8964
Venlafaxine	Venlafaxine-D6	6.722	1919238	815896	2.3523	94.5010
Citalopram	Citalopram-D6	6.856	402719	198600	2.0278	94.1501

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 5 100ng

5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	122269	46758	2.6149	99.8879
Diphenhydramine	Diphenhydramine-D3	6.910	755021	421355	1.7919	94.7663
Promethazine	Promethazine-D3	7.126	221833	83510	2.6564	101.4720
Clonazepam	Clonazepam-D4	7.162	595172	54423	10.9361	117.9842
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	130660	58131	2.2477	98.8234
Carisoprodol	Carisoprodol-D7	7.272	626699	225190	2.7830	113.5797
Lorazepam	Alprazolam-D5	7.282	187110	387659	0.4827	107.7373
Alprazolam	Alprazolam-D5	7.305	1254326	387659	3.2356	98.7803

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

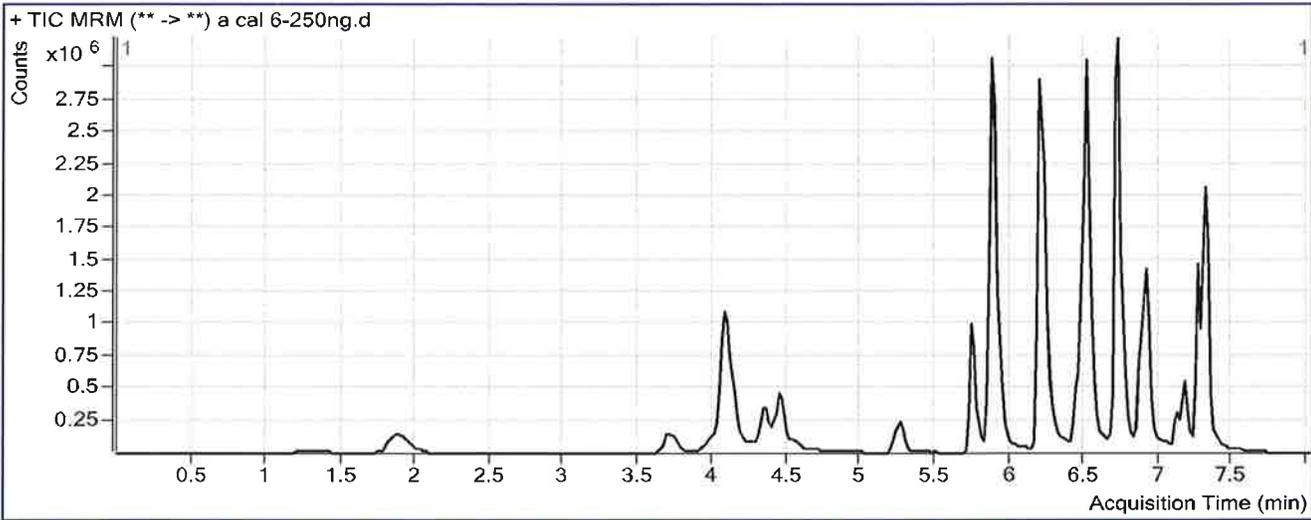
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### Analysis Info

<b>Acq Time</b>	2017-12-18 20:23	<b>Data File</b>	a cal 6-250ng.d
<b>Sample Type</b>	Calibration	<b>Sample Name</b>	a cal 6-250ng
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1a 12-12-17.m
<b>Position</b>	P1-F1	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	133912	16492	8.1200	226.8066
Hydromorphone	Hydromorphone-D6	1.889	632934	86674	7.3025	250.8390
Codeine	Codeine-D6	3.712	242891	43351	5.6029	225.8015
Oxycodone	Oxycodone-D6	4.066	1983921	321046	6.1795	250.4160
Amphetamine	Amphetamine-D11	4.103	2292759	150701	15.2140	248.3549
Hydrocodone	Hydrocodone-D6	4.351	696286	178798	3.8943	245.2670
Norhydrocodone	Norhydrocodone-D3	4.375	39540	34616	1.1422	256.3760
Methamphetamine	Methamphetamine-D11	4.439	1419708	181160	7.8368	240.5173
6-MAM	6-MAM-D6	4.547	29553	55961	0.5281	23.2550
Phentermine	Phentermine-D5	5.261	758729	278743	2.7220	265.1350
Dextrophan	Dextrophan-D3	5.740	1116188	395442	2.8226	246.1404
Tramadol	Tramadol-13C-D3	5.897	7414666	1447639	5.1219	226.9001
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	1726864	267721	6.4502	263.0369
Doxylamine	Doxylamine-D5	6.200	4891512	786332	6.2207	267.7841
Bupropion	Bupropion-D9	6.448	673230	110335	6.1017	221.4006
Zolpidem	Zolpidem-D6	6.495	6130232	1181061	5.1904	271.5532
Meprobamate	Meprobamate-D7	6.551	596517	91793	6.4985	229.3575
Trazodone	Trazodone-D6	6.713	1675707	278961	6.0070	241.0287
Venlafaxine	Venlafaxine-D6	6.722	4702927	805938	5.8353	230.9931
Citalopram	Citalopram-D6	6.856	988751	199773	4.9494	227.0322

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 6 250ng B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	354299	53460	6.6273	252.1899
Diphenhydramine	Diphenhydramine-D3	6.910	1878040	408992	4.5919	241.3461
Promethazine	Promethazine-D3	7.126	591883	88537	6.6852	253.1232
Clonazepam	Clonazepam-D4	7.162	1049182	47481	22.0970	237.8571
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	266664	52569	5.0726	219.7980
Carisoprodol	Carisoprodol-D7	7.272	1366014	214845	6.3582	258.6467
Lorazepam	Alprazolam-D5	7.282	353387	350341	1.0087	225.8540
Alprazolam	Alprazolam-D5	7.305	2799576	350341	7.9910	242.5272

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

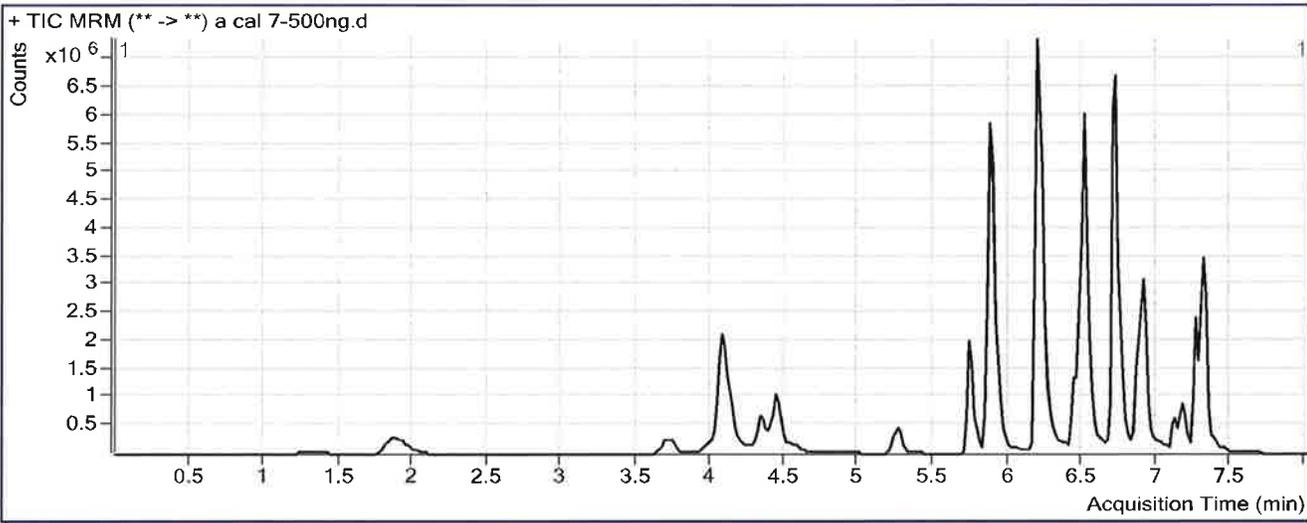
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**Analysis Info**

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**Sample Type** Calibration **Sample Name** a cal 7-500ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-G1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.308	292241	16869	17.3243	480.7155
Hydromorphone	Hydromorphone-D6	1.889	1341399	85927	15.6109	534.7841
Codeine	Codeine-D6	3.712	471692	39649	11.8968	477.0968
Oxycodone	Oxycodone-D6	4.066	4090517	313203	13.0603	528.2898
Amphetamine	Amphetamine-D11	4.103	4725418	160950	29.3596	482.7722
Hydrocodone	Hydrocodone-D6	4.331	1402223	172503	8.1287	510.7306
Norhydrocodone	Norhydrocodone-D3	4.395	78345	29709	2.6371	590.2669
Methamphetamine	Methamphetamine-D11	4.439	3228592	179510	17.9856	550.6739
6-MAM	6-MAM-D6	4.547	60822	51481	1.1814	51.7458
Phentermine	Phentermine-D5	5.261	1572260	315153	4.9889	486.4677
Dextrophan	Dextrophan-D3	5.740	2401904	396561	6.0568	526.6434
Tramadol	Tramadol-13C-D3	5.897	15606522	1369150	11.3987	503.0818
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	3061061	235859	12.9783	529.5106
Doxylamine	Doxylamine-D5	6.200	12002494	972322	12.3442	531.0083
Bupropion	Bupropion-D9	6.448	2132871	148142	14.3975	521.3762
Zolpidem	Zolpidem-D6	6.495	12816417	1348099	9.5070	496.3772
Meprobamate	Meprobamate-D7	6.551	1108515	78766	14.0736	494.2621
Trazodone	Trazodone-D6	6.713	3846962	296611	12.9697	519.7736
Venlafaxine	Venlafaxine-D6	6.722	10743978	908424	11.8271	465.7940
Citalopram	Citalopram-D6	6.856	2396387	219688	10.9081	498.0536

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *a cal 7 500ng*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	745348	53533	13.9232	529.1269
Diphenhydramine	Diphenhydramine-D3	6.910	4408469	445605	9.8932	518.8718
Promethazine	Promethazine-D3	7.126	1021974	87841	11.6344	439.4198
Clonazepam	Clonazepam-D4	7.162	1716923	37852	45.3589	487.7002
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	485296	43119	11.2548	484.5449
Carisoprodol	Carisoprodol-D7	7.272	2379602	192409	12.3674	502.4801
Lorazepam	Alprazolam-D5	7.282	596542	295310	2.0201	452.9508
Alprazolam	Alprazolam-D5	7.305	5066877	295310	17.1578	519.6266

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

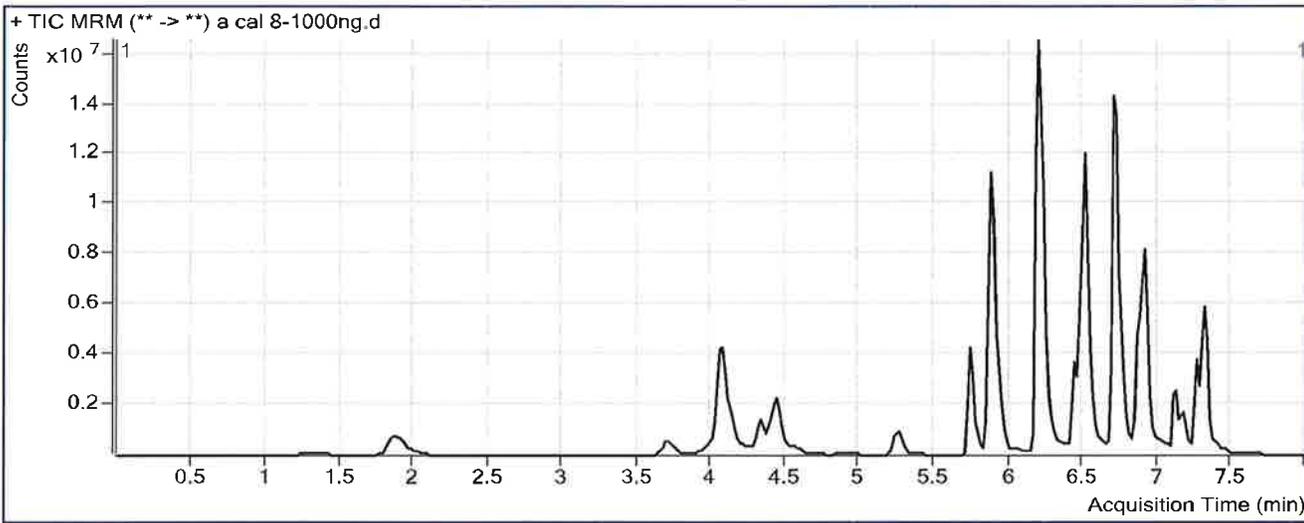
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**Report Time** 12/21/2017 12:57 PM **Reporter Name** ISPUser  
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**Analysis Info**

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**Sample Type** Calibration **Sample Name** a cal 8-1000ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1a 12-12-17.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	657587	17249	38.1231	1054.4689
Hydromorphone	Hydromorphone-D6	1.889	2959245	93749	31.5656	1080.0405
Codeine	Codeine-D6	3.712	1035580	39212	26.4095	1056.5472
Oxycodone	Oxycodone-D6	4.046	9490639	355749	26.6779	1078.2302
Amphetamine	Amphetamine-D11	4.083	9186927	186209	49.3367	813.8270
Hydrocodone	Hydrocodone-D6	4.331	3075096	193229	15.9143	998.8204
Norhydrocodone	Norhydrocodone-D3	4.375	170390	24894	6.8445	1530.0277
Methamphetamine	Methamphetamine-D11	4.439	7318618	204686	35.7554	1093.7331
6-MAM	6-MAM-D6	4.547	126315	54149	2.3327	101.9503
Phentermine	Phentermine-D5	5.261	3458750	341710	10.1219	987.6336
Dextrorphan	Dextrorphan-D3	5.740	5205463	415560	12.5264	1087.7494
Tramadol	Tramadol-13C-D3	5.876	34466015	1484070	23.2240	1023.4000
7-aminoclonazepam	7-Aminoclonazepam-D4	5.851	5101354	220150	23.1722	945.6207
Doxylamine	Doxylamine-D5	6.200	29624651	1200590	24.6751	1061.0658
Bupropion	Bupropion-D9	6.448	5715060	202292	28.2515	1022.3390
Zolpidem	Zolpidem-D6	6.495	27811631	1459440	19.0564	993.7422
Meprobamate	Meprobamate-D7	6.551	2122392	71706	29.5987	1037.1822
Trazodone	Trazodone-D6	6.713	8338108	398322	20.9331	838.5753
Venlafaxine	Venlafaxine-D6	6.701	25215888	931574	27.0680	1063.0520
Citalopram	Citalopram-D6	6.856	6197836	273894	22.6286	1031.1328

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** a cal 8 1000ng

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	2212797	86906	25.4620	967.1130
Diphenhydramine	Diphenhydramine-D3	6.910	13434769	659035	20.3855	1068.1433
Promethazine	Promethazine-D3	7.126	5930421	211071	28.0968	1059.0925
Clonazepam	Clonazepam-D4	7.162	2805759	34821	80.5756	865.9438
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	913491	37270	24.5098	1052.1752
Carisoprodol	Carisoprodol-D7	7.272	3476279	160550	21.6524	879.2290
Lorazepam	Alprazolam-D5	7.282	1147688	243696	4.7095	1056.8548
Alprazolam	Alprazolam-D5	7.305	8757754	243696	35.9372	1087.2980

# ISP FORENSICS - Pocatello Instrument # 59740

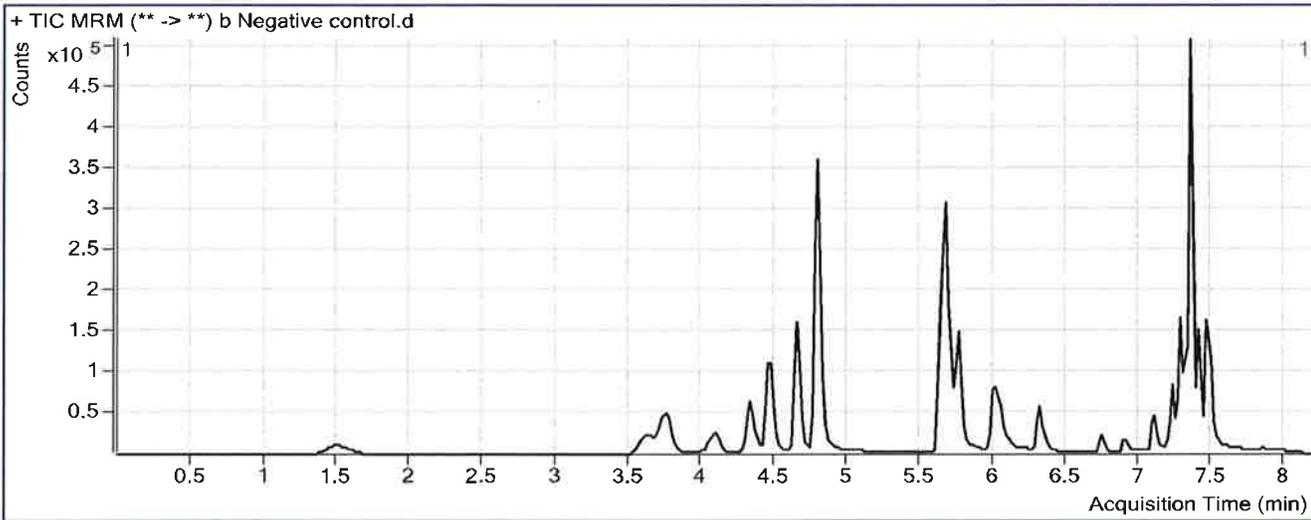
## Multi-Drug Confirmatory Analysis Report

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### Analysis Info

<b>Acq Time</b>	2017-12-18 22:28	<b>Data File</b>	b Negative control.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	b Negative control
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1b 12-12-17.m
<b>Position</b>	P1-F2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Naltrexol	Naltrexol-D3	4.328	7251	517798	0.0140	1.7046 < 5
Nordiazepam	Nordiazepam-D5	7.434	2511	297109	0.0085	1.0246 < 5

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

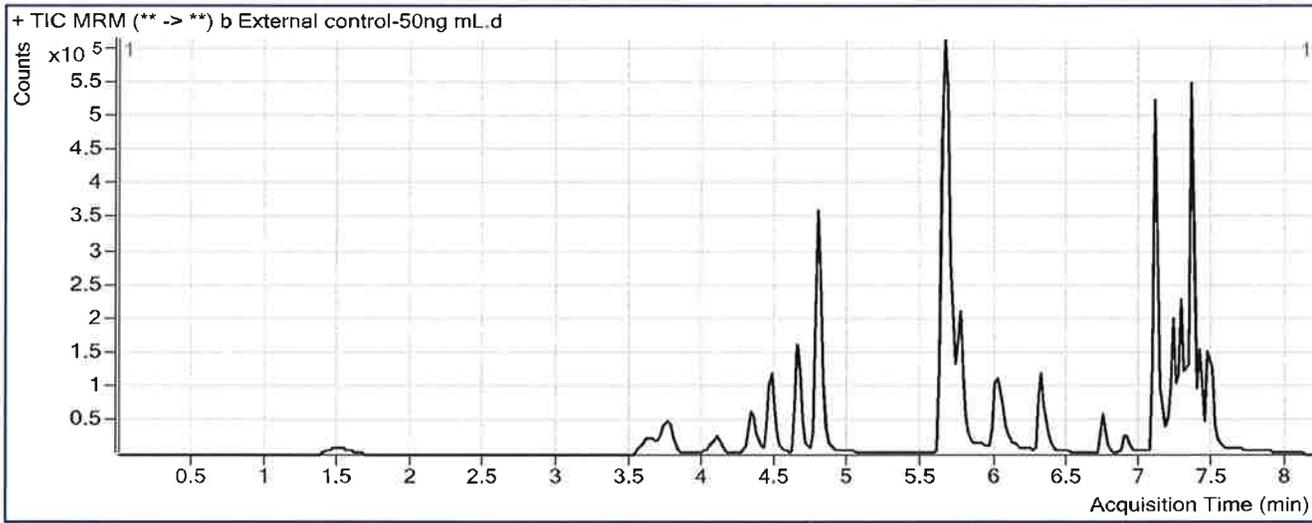
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<b>Last Calib Update</b>	12/21/2017 12:39 PM	<b>Batch State</b>	Processed

**Analysis Info**

<b>Acq Time</b>	2017-12-18 23:00	<b>Data File</b>	b External control-50ng mL.d
<b>Sample Type</b>	Sample	<b>Sample Name</b>	b External control-50ng mL
<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1b 12-12-17.m
<b>Position</b>	P1-G2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Naltrexol	Naltrexol-D3	4.348	7312	520196	0.0141	1.7067 <span style="border: 1px solid red; padding: 2px;">&lt; 5</span>
Ketamine	Ketamine-D4	5.660	1060832	670750	1.5816	72.5256
Quetiapine	Quetiapine-D8	7.098	744013	147531	5.0431	53.7049
Nordiazepam	Nordiazepam-D5	7.455	1751	299340	0.0059	0.9482 <span style="border: 1px solid red; padding: 2px;">&lt; 5</span>

TD

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

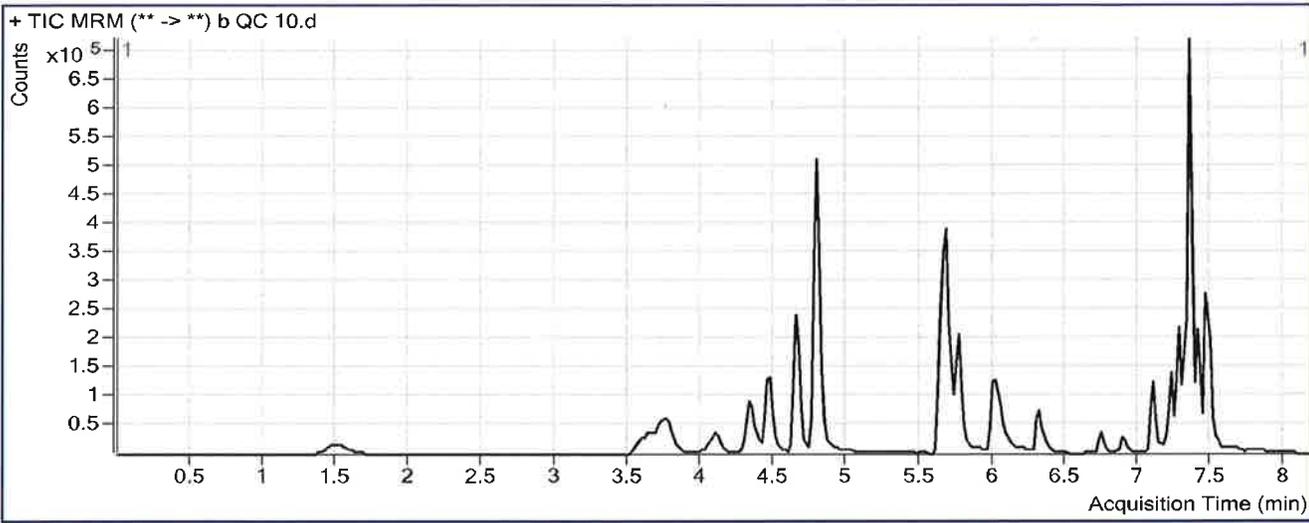
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**Analysis Info**

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**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-A2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	33494	148164	0.2261	9.7821
Dihydrocodeine	Dihydrocodeine-D6	3.675	30516	203915	0.1497	8.9959
Naloxone	Naloxone-D5	3.811	49018	363337	0.1349	9.0165
Noroxycodone	Noroxycodone-D3	4.119	34223	151875	0.2253	10.1243
Naltrexone	Naltrexone-D3	4.351	56041	294790	0.1901	9.6286
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	10501	542627	0.0194	0.9298
Naltrexol	Naltrexol-D3	4.669	122664	631271	0.1943	9.2476
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	281002	1441768	0.1949	9.8119
Ketamine	Ketamine-D4	5.660	145289	781858	0.1858	9.2363
Norfentanyl	Norfentanyl-D5	5.703	13863	831476	0.0167	1.0172
alpha-PVP	alpha-PVP-d8	6.027	83977	504481	0.1665	9.4000
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	2588	259544	0.0100	0.9436
Fentanyl	Fentanyl-D5	6.740	1921	110446	0.0174	1.0863
EDDP	EDDP-D3	6.889	11510	67134	0.1715	8.8669
Quetiapine	Quetiapine-D8	7.098	116521	126618	0.9203	10.6201
Sufentanil	Sufentanil-D5	7.097	832	62106	0.0134	0.7910
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	8890	44328	0.2006	9.6989
Buprenorphine	Buprenorphine-D4	7.235	1731	57098	0.0303	1.0767
Methadone	Methadone-D9	7.222	43021	212250	0.2027	8.2606

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

b QC 10

β

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Fluoxetine	Fluoxetine-D6	7.284	24910	135197	0.1843	9.7218
Oxazepam	Oxazepam-D5	7.288	50355	333753	0.1509	10.2579
Sertraline	Sertraline-D3	7.325	12053	63912	0.1886	8.9225
Temazepam	Temazepam-D5	7.347	209206	1285476	0.1627	10.4866
Nordiazepam	Nordiazepam-D5	7.414	98354	329701	0.2983	9.5425
Diazepam	Diazepam-D5	7.490	88908	407752	0.2180	10.0482

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

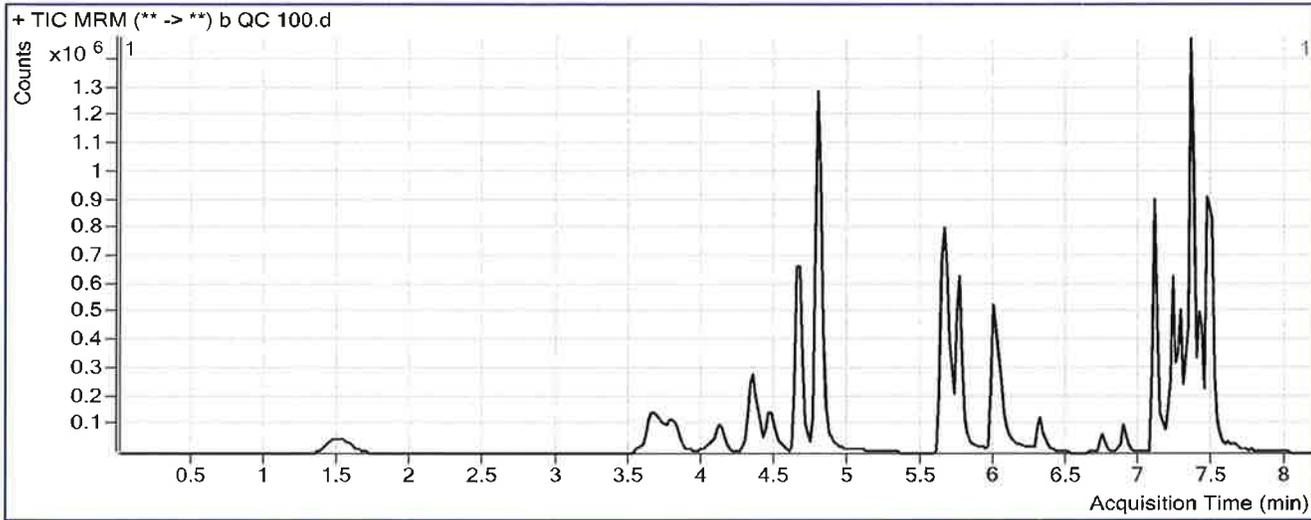
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**Analysis Time** 12/21/2017 12:39 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:11 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-12-19 01:37 **Data File** b QC 100.d  
**Sample Type** QC **Sample Name** b QC 100  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-B2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	356595	136745	2.6077	89.2805
Dihydrocodeine	Dihydrocodeine-D6	3.675	321191	192667	1.6671	94.2725
Naloxone	Naloxone-D5	3.811	493224	313133	1.5751	90.4712
Noroxycodone	Noroxycodone-D3	4.119	356753	142056	2.5114	91.2262
Naltrexone	Naltrexone-D3	4.351	542540	261308	2.0762	96.6777
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	117119	542790	0.2158	9.1742
Naltrexol	Naltrexol-D3	4.669	1342269	585773	2.2914	96.9793
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	2972386	1428080	2.0814	91.6657
Ketamine	Ketamine-D4	5.660	1553014	785046	1.9782	90.5132
Norfentanyl	Norfentanyl-D5	5.703	155511	865629	0.1797	8.2014
alpha-PVP	alpha-PVP-d8	6.007	1030154	553377	1.8616	94.5739
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	43439	363323	0.1196	8.5665
Norbuprenorphine	Norbuprenorphine-D3	6.672	1172	8634	0.1358	7.5425 not evaluated
Fentanyl	Fentanyl-D5	6.740	29686	175203	0.1694	8.1580
EDDP	EDDP-D3	6.889	141752	76940	1.8424	95.0222
Quetiapine	Quetiapine-D8	7.098	1468474	162626	9.0298	95.3663
Sufentanil	Sufentanil-D5	7.117	22996	117039	0.1965	9.3203
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	169475	80294	2.1107	84.3274
Buprenorphine	Buprenorphine-D4	7.235	21515	83074	0.2590	8.6951

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** bQC 100

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	735596	265342	2.7723	103.6586
Fluoxetine	Fluoxetine-D6	7.284	416681	214520	1.9424	92.2338
Oxazepam	Oxazepam-D5	7.288	279379	176701	1.5811	86.0942
Sertraline	Sertraline-D3	7.325	217564	97199	2.2383	92.4583
Temazepam	Temazepam-D5	7.347	1667778	1003122	1.6626	87.7256
Nordiazepam	Nordiazepam-D5	7.434	790399	239896	3.2948	97.5963
Diazepam	Diazepam-D5	7.490	838919	379041	2.2133	94.1733

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

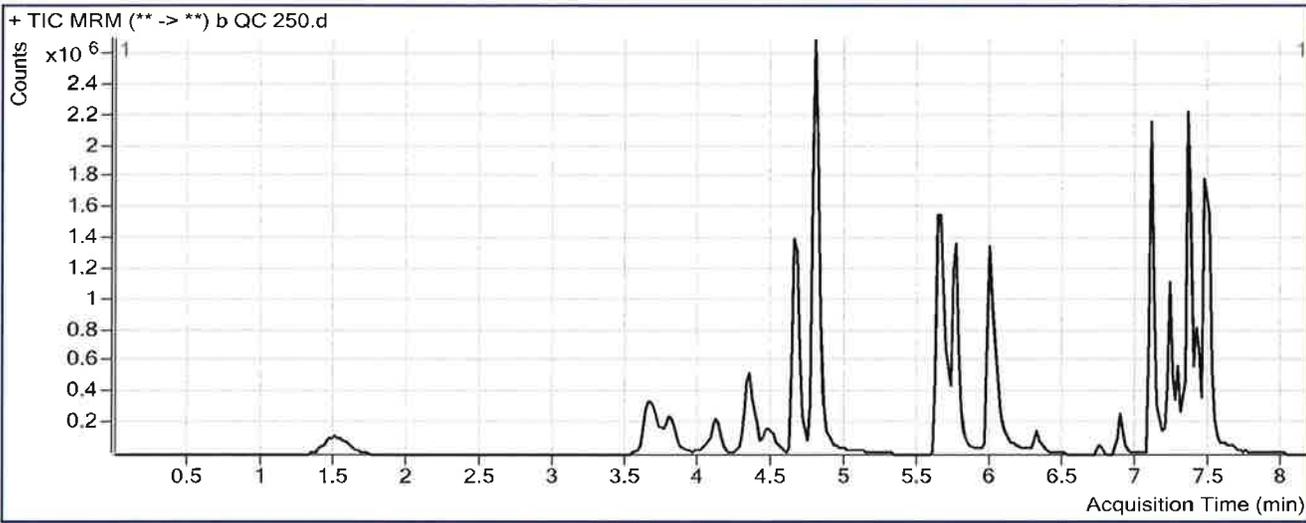
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**Analysis Time** 12/21/2017 12:39 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:11 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

**Analysis Info**

**Acq Time** 2017-12-19 03:27 **Data File** b QC 250.d  
**Sample Type** QC **Sample Name** b QC 250  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-C2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	942826	128084	7.3610	247.9395
Dihydrocodeine	Dihydrocodeine-D6	3.675	883982	188463	4.6905	264.1828
Naloxone	Naloxone-D5	3.791	1125845	247953	4.5406	258.1890
Noroxycodone	Noroxycodone-D3	4.119	857864	127135	6.7477	241.5198
Naltrexone	Naltrexone-D3	4.351	1195868	210106	5.6917	263.5394
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	305042	510187	0.5979	25.2135
Naltrexol	Naltrexol-D3	4.649	3322206	539387	6.1592	258.7839
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	7887542	1383804	5.6999	248.6717
Ketamine	Ketamine-D4	5.640	4332770	771690	5.6146	255.4048
Norfentanyl	Norfentanyl-D5	5.703	438641	852891	0.5143	22.9530
alpha-PVP	alpha-PVP-d8	6.007	2902843	569970	5.0930	256.9405
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	109940	307987	0.3570	25.0798
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>2848</del>	<del>6653</del>	<del>0.4281</del>	<del>23.6607</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	46500	95711	0.4858	22.8740
EDDP	EDDP-D3	6.889	420393	87961	4.7793	246.4558
Quetiapine	Quetiapine-D8	7.098	3362176	156071	21.5426	226.1284
Sufentanil	Sufentanil-D5	7.117	24995	49019	0.5099	23.9212
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	175117	25314	6.9178	272.1400
Buprenorphine	Buprenorphine-D4	7.235	45309	55701	0.8134	27.1657

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** b QC 250

P

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	1411750	226434	6.2347	232.2053
Fluoxetine	Fluoxetine-D6	7.263	299177	56209	5.3226	250.8725
Oxazepam	Oxazepam-D5	7.288	455553	108925	4.1823	224.0215
Sertraline	Sertraline-D3	7.325	132376	21860	6.0555	248.0243
Temazepam	Temazepam-D5	7.347	3512883	692001	5.0764	263.5312
Nordiazepam	Nordiazepam-D5	7.414	1332468	160446	8.3048	244.8213
Diazepam	Diazepam-D5	7.470	1929997	304752	6.3330	267.8754

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

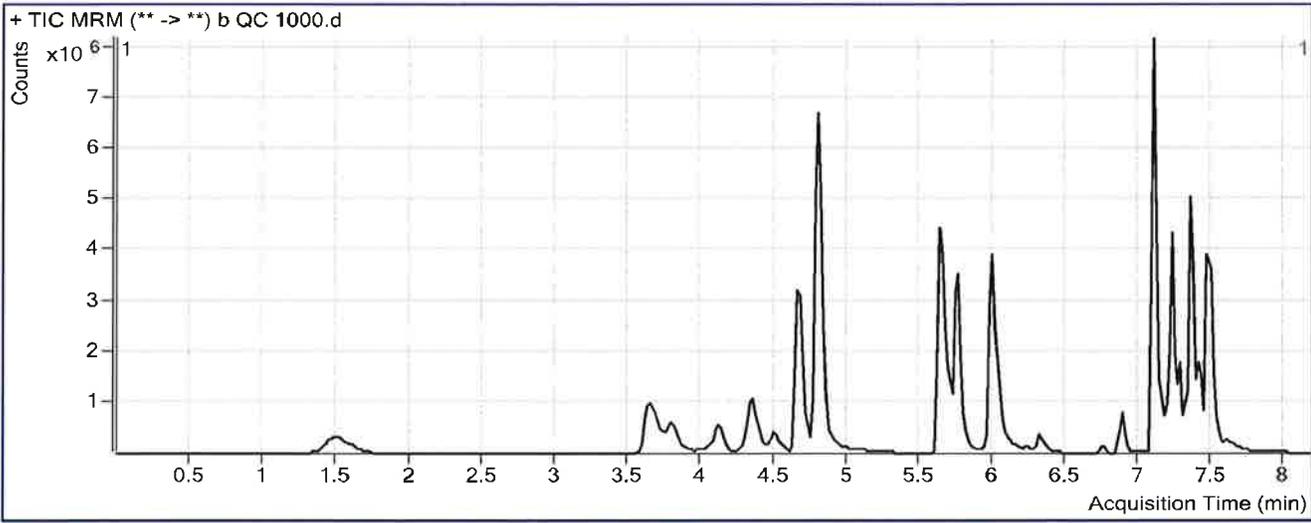
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<b>Report Time</b>	12/21/2017 1:11 PM	<b>Reporter Name</b>	ISPUser
<b>Last Calib Update</b>	12/21/2017 12:39 PM	<b>Batch State</b>	Processed

### Analysis Info

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<b>Dilution</b>	1	<b>Acq Method</b>	MD Quant Panel 1b 12-12-17.m
<b>Position</b>	P1-D2	<b>Sample Info</b>	
<b>Inj Vol</b>	-1	<b>Comment</b>	AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	2945529	94411	31.1988	1043.6280
Dihydrocodeine	Dihydrocodeine-D6	3.655	2712665	145017	18.7058	1051.8197
Naloxone	Naloxone-D5	3.811	2984793	140257	21.2808	1204.9756
Noroxycodone	Noroxycodone-D3	4.119	2430210	81754	29.7258	1056.7227
Naltrexone	Naltrexone-D3	4.351	2820575	121128	23.2860	1075.5466
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	1071926	388930	2.7561	115.8002
Naltrexol	Naltrexol-D3	4.649	9097667	364581	24.9538	1045.0366
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	24166525	993812	24.3170	1056.4609
Ketamine	Ketamine-D4	5.640	13664205	566839	24.1060	1093.8876
Norfentanyl	Norfentanyl-D5	5.703	1462423	618412	2.3648	104.5245
alpha-PVP	alpha-PVP-d8	6.007	8731535	401619	21.7409	1093.4409
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	486333	310435	1.5666	109.2206
Norbuprenorphine	Norbuprenorphine-D3	6.672	9169	4633	1.9790	109.1890 <span style="color: blue;">not evaluated</span>
Fentanyl	Fentanyl-D5	6.740	207506	90280	2.2985	107.1798
EDDP	EDDP-D3	6.889	1601742	68049	23.5381	1213.6951
Quetiapine	Quetiapine-D8	7.098	15678991	159995	97.9968	1025.0940
Sufentanil	Sufentanil-D5	7.117	126119	61683	2.0446	95.4185
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1008509	40561	24.8639	973.2961
Buprenorphine	Buprenorphine-D4	7.235	127608	44359	2.8767	95.9030

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 1000*

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.222	5799547	220233	26.3337	978.4039
Fluoxetine	Fluoxetine-D6	7.263	1752241	75138	23.3202	1095.5221
<del>Oxazepam</del>	<del>Oxazepam-D5</del>	<del>7.288</del>	<del>1176892</del>	<del>37626</del>	<del>31.2785</del>	<del>1660.7916</del>
Sertraline	Sertraline-D3	7.325	823721	31702	25.9831	1060.1511
Temazepam	Temazepam-D5	7.347	8116204	413334	19.6359	1013.3185
Nordiazepam	Nordiazepam-D5	7.414	3298206	85860	38.4139	1129.6111
Diazepam	Diazepam-D5	7.470	4999696	176249	28.3672	1196.9087

*outside  
curve  
range*

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

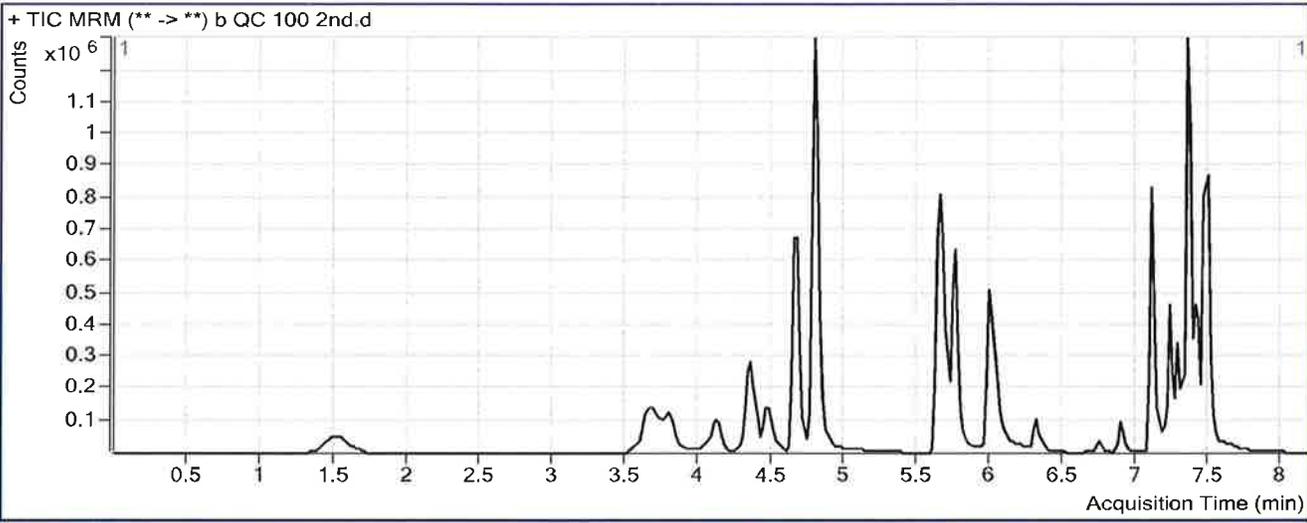
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**Report Time** 12/21/2017 1:11 PM **Reporter Name** ISPUser  
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**Sample Type** QC **Sample Name** b QC 100 2nd  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-E2 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	365252	141904	2.5739	88.1523
Dihydrocodeine	Dihydrocodeine-D6	3.675	344124	196227	1.7537	99.1408
Naloxone	Naloxone-D5	3.811	492524	320213	1.5381	88.3781
Noroxycodone	Noroxycodone-D3	4.119	346054	143150	2.4174	87.8935
Naltrexone	Naltrexone-D3	4.351	554965	265211	2.0925	97.4297
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	111530	531706	0.2098	8.9218
Naltrexol	Naltrexol-D3	4.669	1351549	611458	2.2104	93.5875
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	2954365	1452948	2.0334	89.5819
Ketamine	Ketamine-D4	5.660	1499314	776750	1.9302	88.3363
Norfentanyl	Norfentanyl-D5	5.703	160752	890898	0.1804	8.2361
alpha-PVP	alpha-PVP-d8	6.007	995426	546515	1.8214	92.5553
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	33301	286525	0.1162	8.3343
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>1160</del>	<del>7661</del>	<del>0.1514</del>	<del>8.4009</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	14549	96589	0.1506	7.2833
EDDP	EDDP-D3	6.889	152389	74986	2.0322	104.8124
Quetiapine	Quetiapine-D8	7.098	1403705	156894	8.9469	94.5000
Sufentanil	Sufentanil-D5	7.117	8630	46110	0.1872	8.8860
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	63432	27099	2.3407	93.3143
Buprenorphine	Buprenorphine-D4	7.235	17844	58555	0.3047	10.2190

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *bQC 100 2nd*

*P*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	520739	205573	2.5331	94.7797
Fluoxetine	Fluoxetine-D6	7.284	113480	58209	1.9495	92.5689
Oxazepam	Oxazepam-D5	7.288	282022	181284	1.5557	84.7481
Sertraline	Sertraline-D3	7.325	54101	26782	2.0201	83.5630
Temazepam	Temazepam-D5	7.347	1676031	1010847	1.6580	87.4917
Nordiazepam	Nordiazepam-D5	7.434	762181	244276	3.1202	92.4654
Diazepam	Diazepam-D5	7.490	825635	375759	2.1972	93.4979

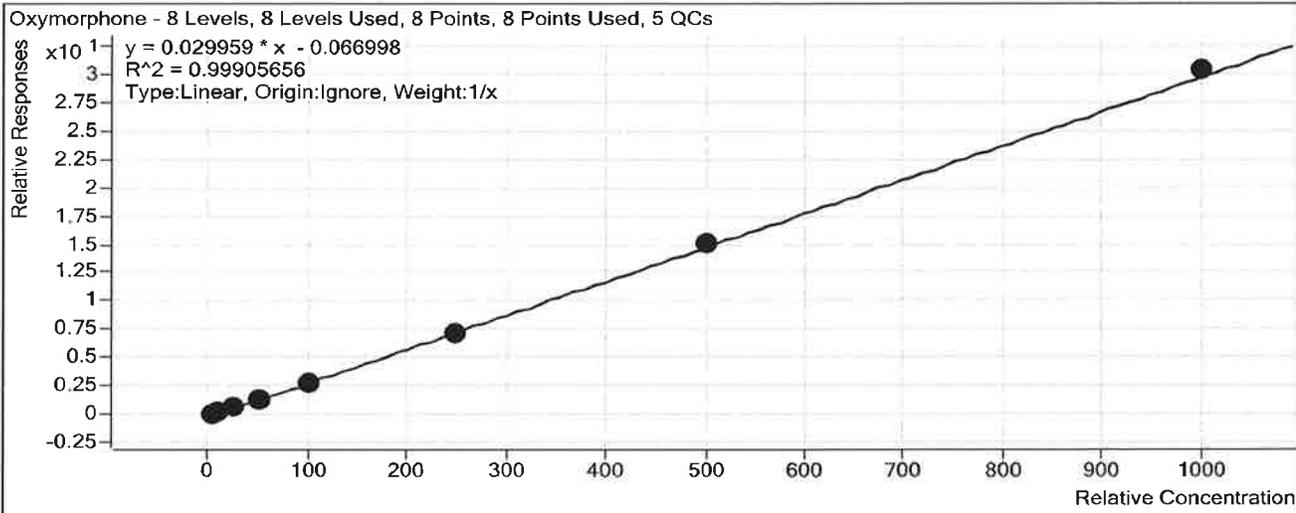
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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Oxymorphone  
**Internal Standard** Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.6	91.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b QC 100	5	<input checked="" type="checkbox"/>	100	89.3	89.3
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	88.2	88.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.1	96.1
b QC 250	6	<input checked="" type="checkbox"/>	250	247.9	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.3	101.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.0	101.4
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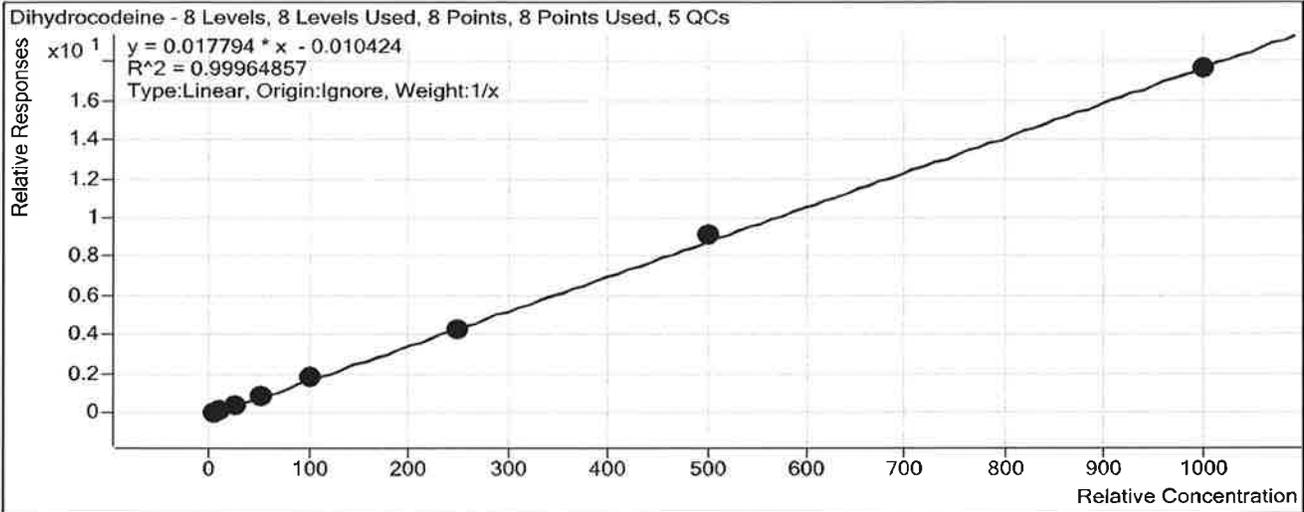
# ISP FORENSICS Calibration Curve Report

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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Dihydrocodeine  
**Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b QC 100	5	<input checked="" type="checkbox"/>	100	94.3	94.3
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	99.1	99.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.8	97.9
b QC 250	6	<input checked="" type="checkbox"/>	250	264.2	105.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.6	102.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.6	99.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1051.8	105.2

# ISP FORENSICS

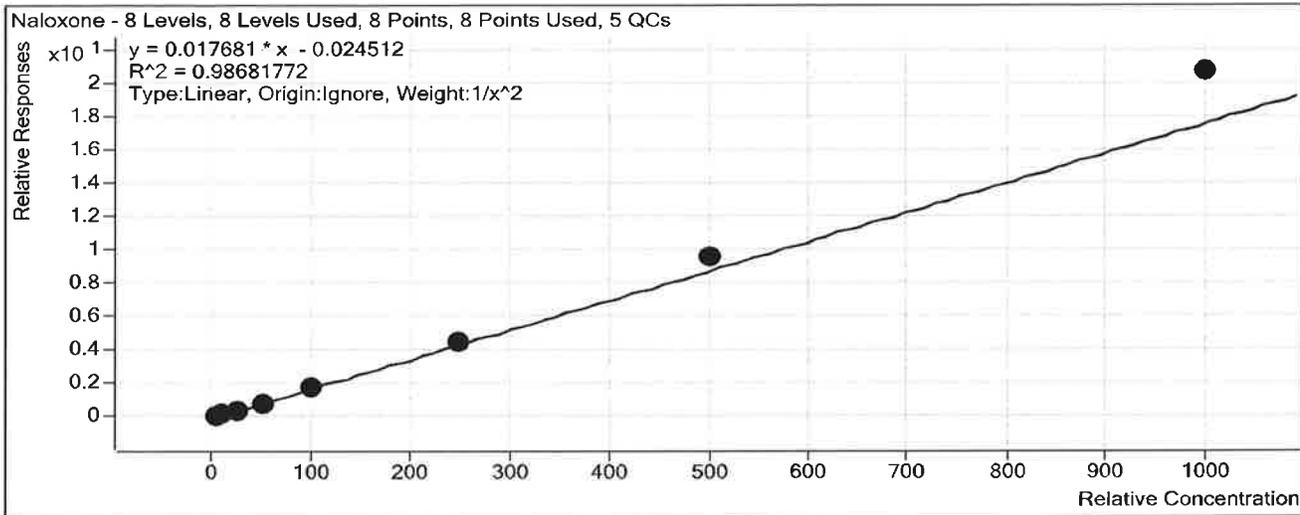
## Calibration Curve Report

D

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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Naloxone*  
**Internal Standard** *Naloxone-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.9	87.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.9	91.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100	5	<input checked="" type="checkbox"/>	100	90.5	90.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	88.4	88.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.1	99.6
b QC 250	6	<input checked="" type="checkbox"/>	250	258.2	103.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	541.0	108.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1167.8	116.8
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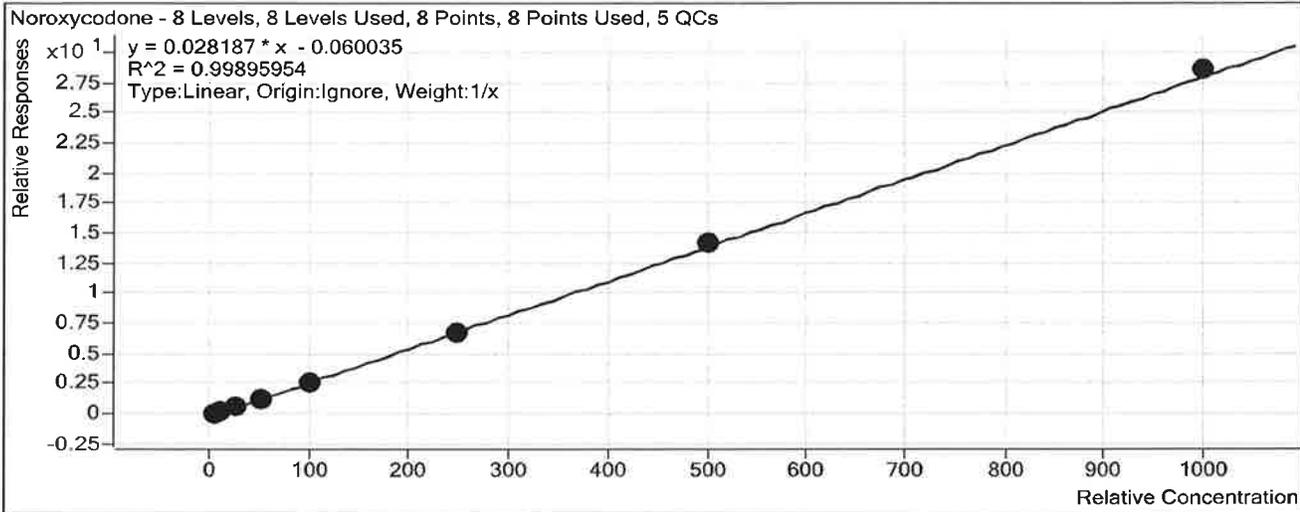
## Calibration Curve Report

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121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Noroxycodone*  
**Internal Standard** *Noroxycodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	121.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.0	88.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.4	96.4
b QC 100	5	<input checked="" type="checkbox"/>	100	91.2	91.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	87.9	87.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.4	96.2
b QC 250	6	<input checked="" type="checkbox"/>	250	241.5	96.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.2	101.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.3	101.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1056.7	105.7

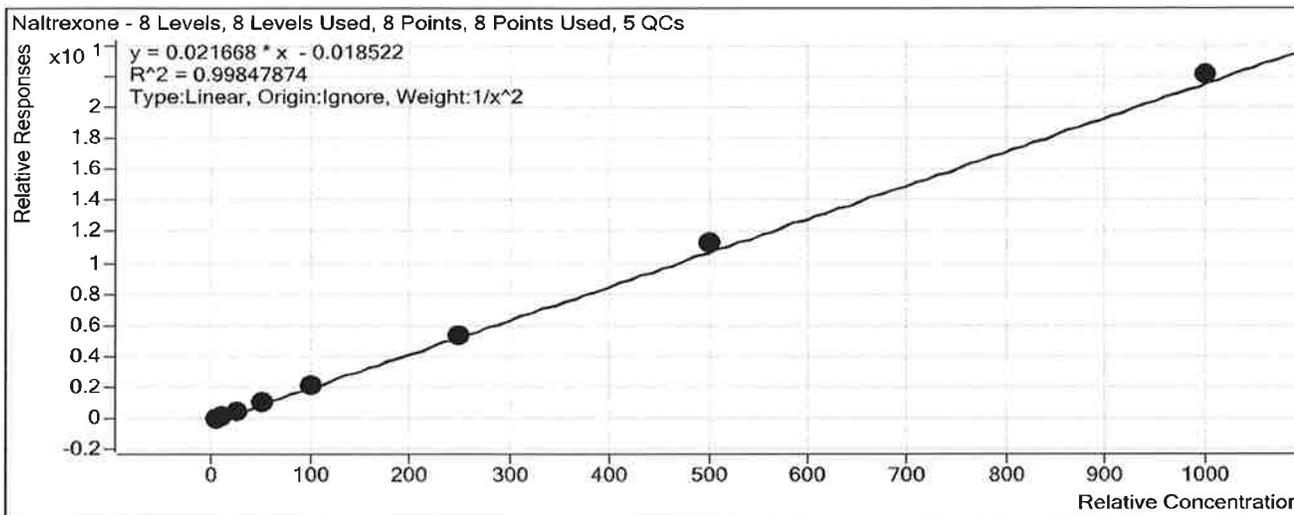
# ISP FORENSICS Calibration Curve Report

*P*

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Naltrexone*  
**Internal Standard** *Naltrexone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 100	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.9	98.8
b QC 250	6	<input checked="" type="checkbox"/>	250	263.5	105.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	522.2	104.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1019.3	101.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1075.5	107.6

# ISP FORENSICS

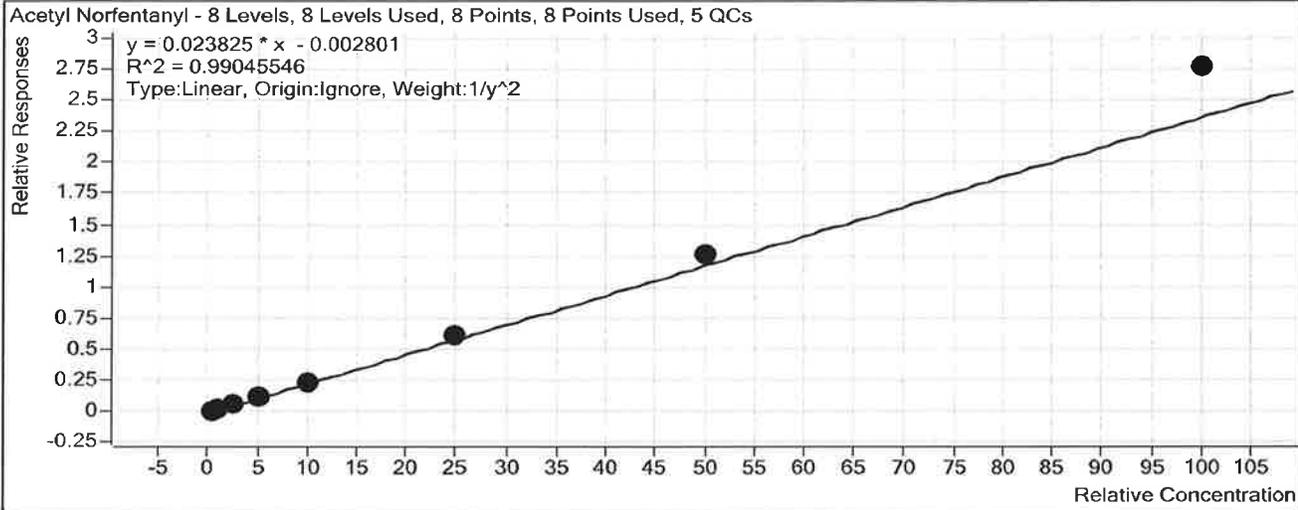
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Acetyl Norfentanyl*  
**Internal Standard** *Acetyl Norfentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	103.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	96.8
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	93.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	87.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	95.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.1	101.4
b QC 100	5	<input checked="" type="checkbox"/>	10	9.2	91.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	8.9	89.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.5	102.0
b QC 250	6	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.3	106.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	116.1	116.1
b QC 1000	8	<input checked="" type="checkbox"/>	100	115.8	115.8

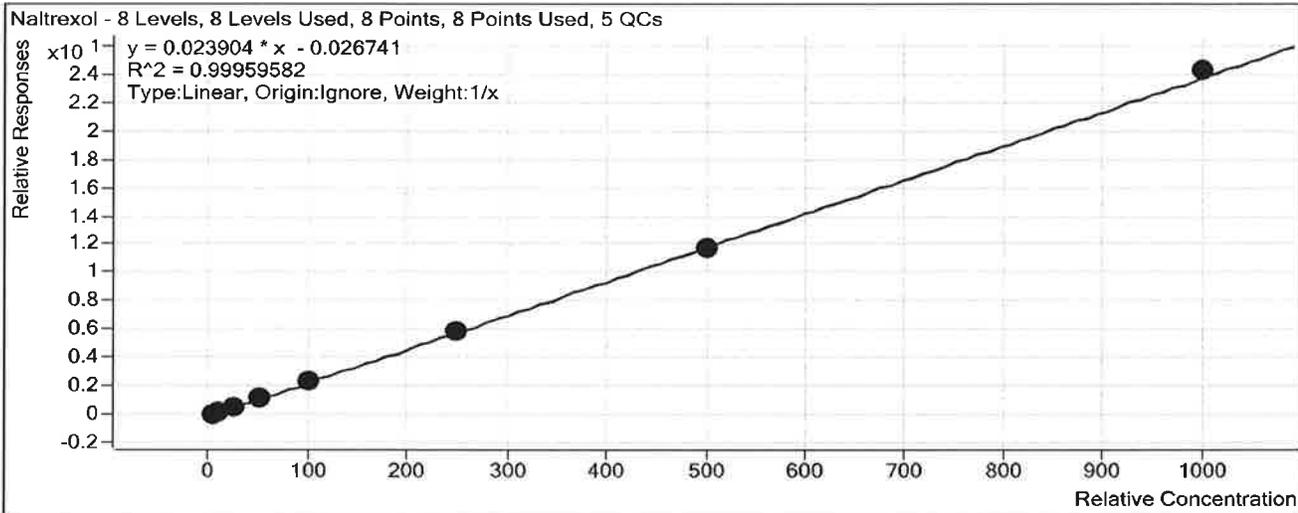
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Naltrexol  
**Internal Standard** Naltrexol-D3



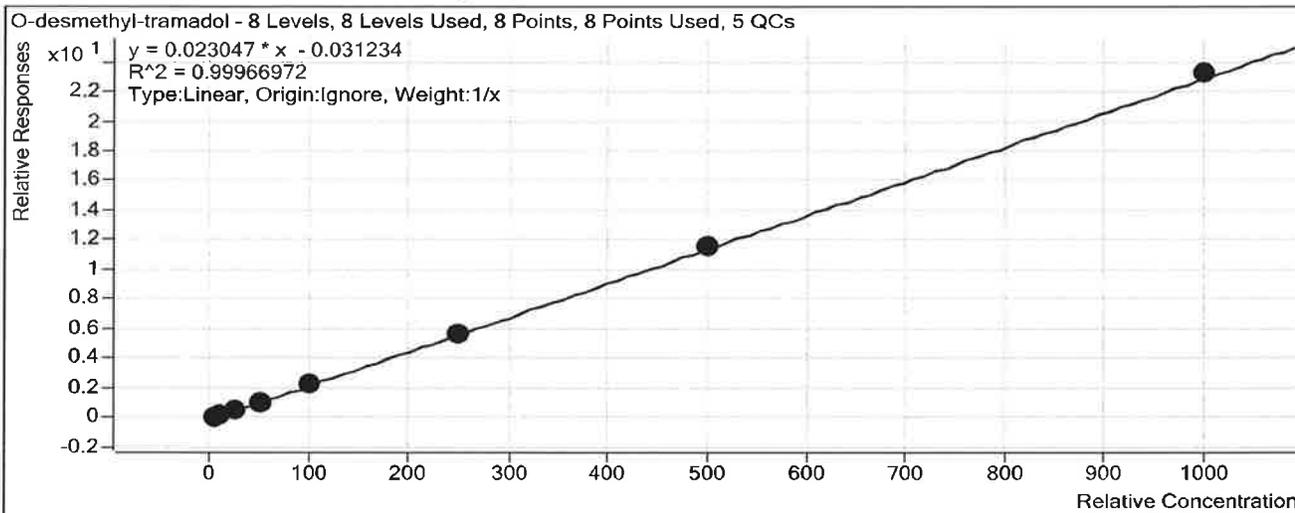
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b QC 100	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.3	97.7
b QC 250	6	<input checked="" type="checkbox"/>	250	258.8	103.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.1	97.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.6	101.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1045.0	104.5

# ISP FORENSICS Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *O-desmethyl-tramadol*  
**Internal Standard** *O-desmethyl-tramadol-D6*



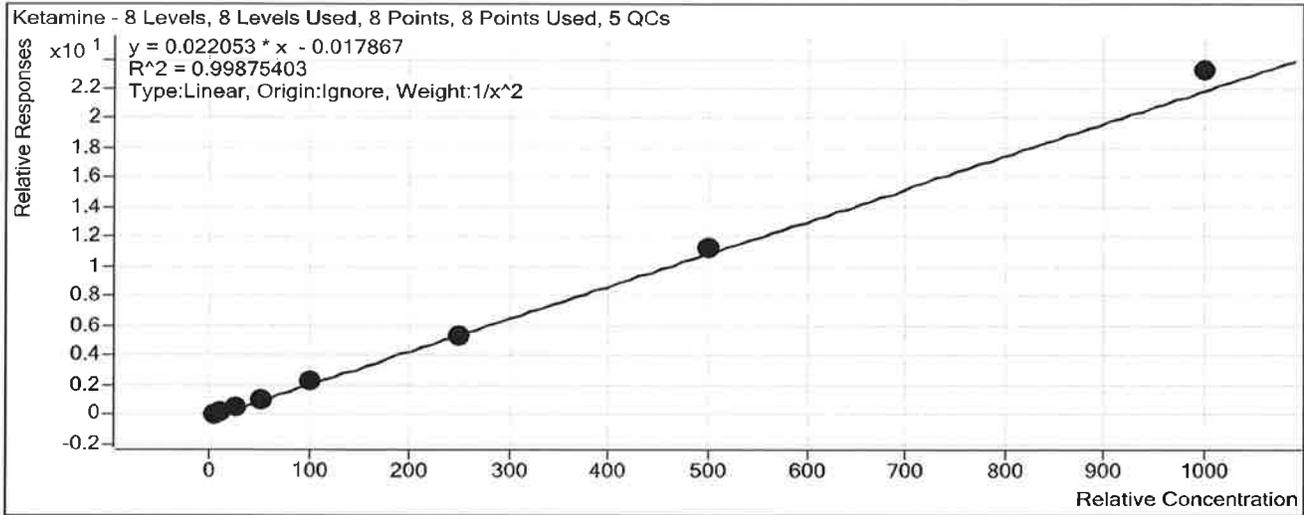
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
b QC 100	5	<input checked="" type="checkbox"/>	100	91.7	91.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	89.6	89.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.8	97.5
b QC 250	6	<input checked="" type="checkbox"/>	250	248.7	99.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.1	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1009.3	100.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1056.5	105.6

# ISP FORENSICS Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Ketamine  
**Internal Standard** Ketamine-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
b QC 100	5	<input checked="" type="checkbox"/>	100	90.5	90.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	88.3	88.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.9	97.2
b QC 250	6	<input checked="" type="checkbox"/>	250	255.4	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.3	101.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1053.7	105.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1093.9	109.4

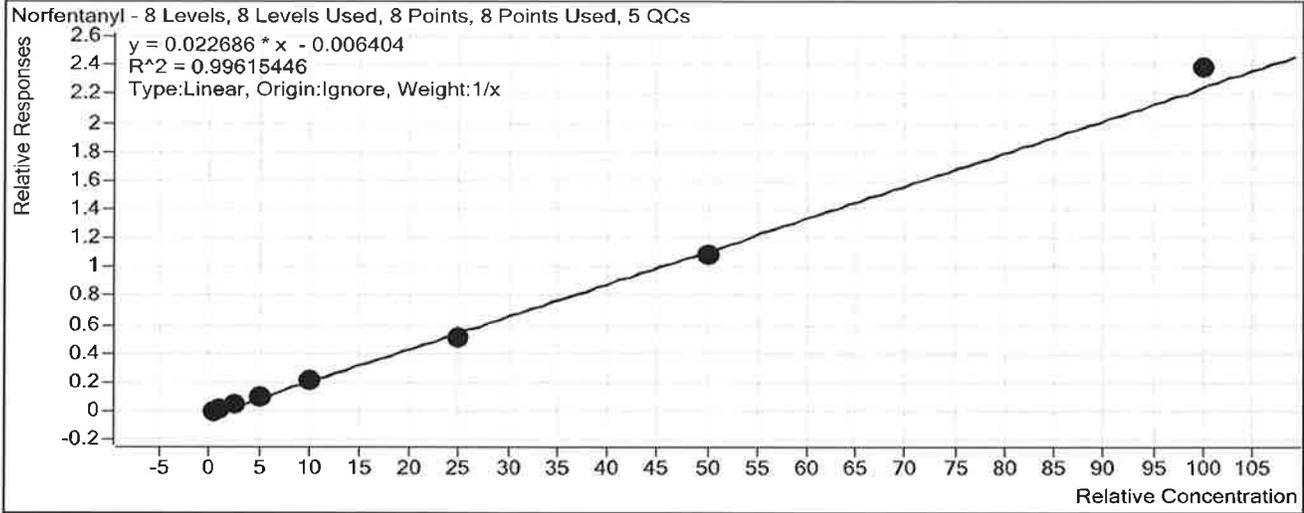
# ISP FORENSICS Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM **Analyst Name** ISP TOX

**Target Compound** *Norfentanyl*  
**Internal Standard** *Norfentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	128.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	103.7
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	101.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	90.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.4	88.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	96.4
b QC 100	5	<input checked="" type="checkbox"/>	10	8.2	82.0
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	8.2	82.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.9	91.4
b QC 250	6	<input checked="" type="checkbox"/>	25	23.0	91.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.9	95.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	105.2	105.2
b QC 1000	8	<input checked="" type="checkbox"/>	100	104.5	104.5

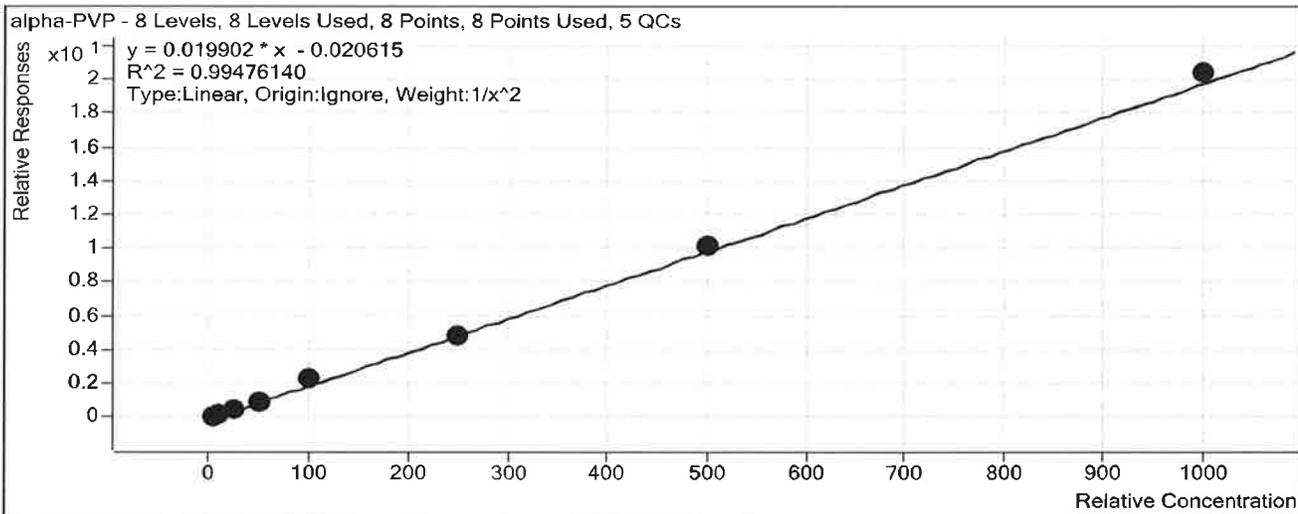
# ISP FORENSICS Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *alpha-PVP*  
**Internal Standard** *alpha-PVP-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.5
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	112.0	112.0
b QC 100	5	<input checked="" type="checkbox"/>	100	94.6	94.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	92.6	92.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.4	96.9
b QC 250	6	<input checked="" type="checkbox"/>	250	256.9	102.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.2	101.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1025.1	102.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1093.4	109.3

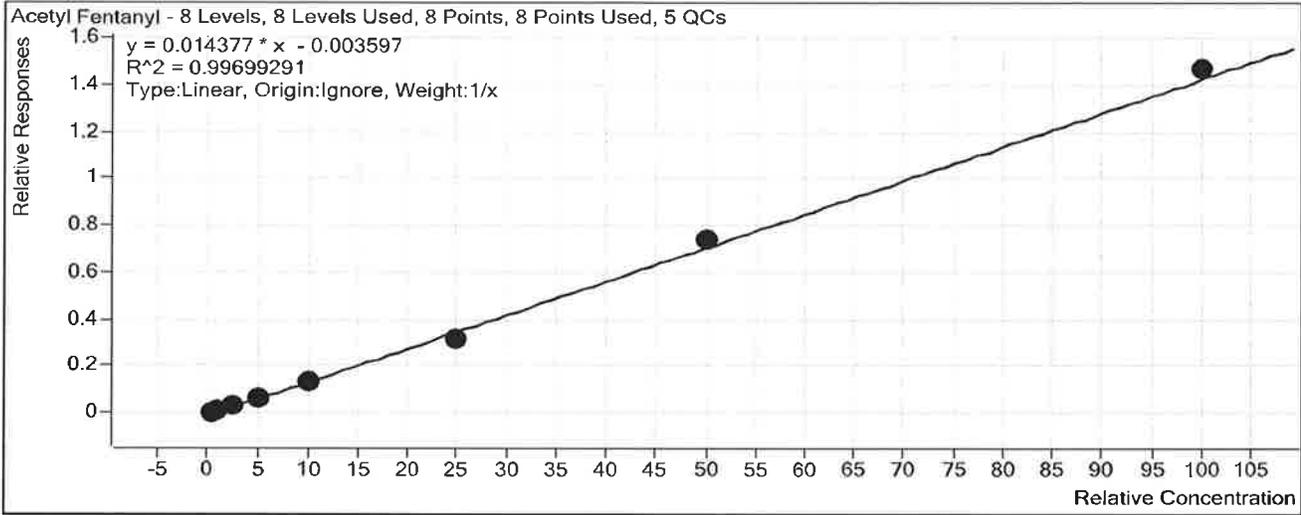
# ISP FORENSICS Calibration Curve Report



**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Acetyl Fentanyl*  
**Internal Standard** *Acetyl Fentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	127.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.3
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	94.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	91.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	90.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	94.8
b QC 100	5	<input checked="" type="checkbox"/>	10	8.6	85.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	8.3	83.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.3	89.0
b QC 250	6	<input checked="" type="checkbox"/>	25	25.1	100.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.6	103.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.2	102.2
b QC 1000	8	<input checked="" type="checkbox"/>	100	109.2	109.2

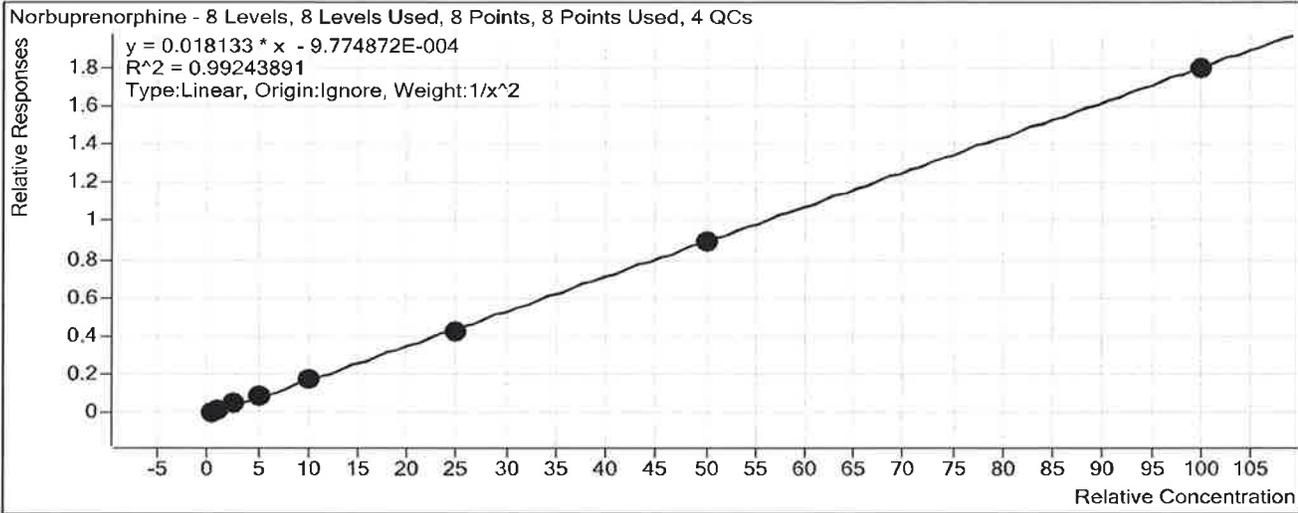
# ISP FORENSICS Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Norbuprenorphine  
**Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	3.0	118.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	95.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	98.6
<del>b QC 100</del>	<del>5</del>	<del><input checked="" type="checkbox"/></del>	<del>10</del>	<del>7.5</del>	<del>75.4</del> *
<del>b QC 100 2nd</del>	<del>5</del>	<del><input checked="" type="checkbox"/></del>	<del>10</del>	<del>8.4</del>	<del>84.0</del> *
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.6	94.5
<del>b QC 250</del>	<del>6</del>	<del><input checked="" type="checkbox"/></del>	<del>25</del>	<del>23.7</del>	<del>94.6</del> *
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.2	98.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.8	98.8
<del>b QC 1000</del>	<del>8</del>	<del><input checked="" type="checkbox"/></del>	<del>100</del>	<del>109.2</del>	<del>109.2</del> *

\* Not evaluated

Norbuprenorphine not evaluated P

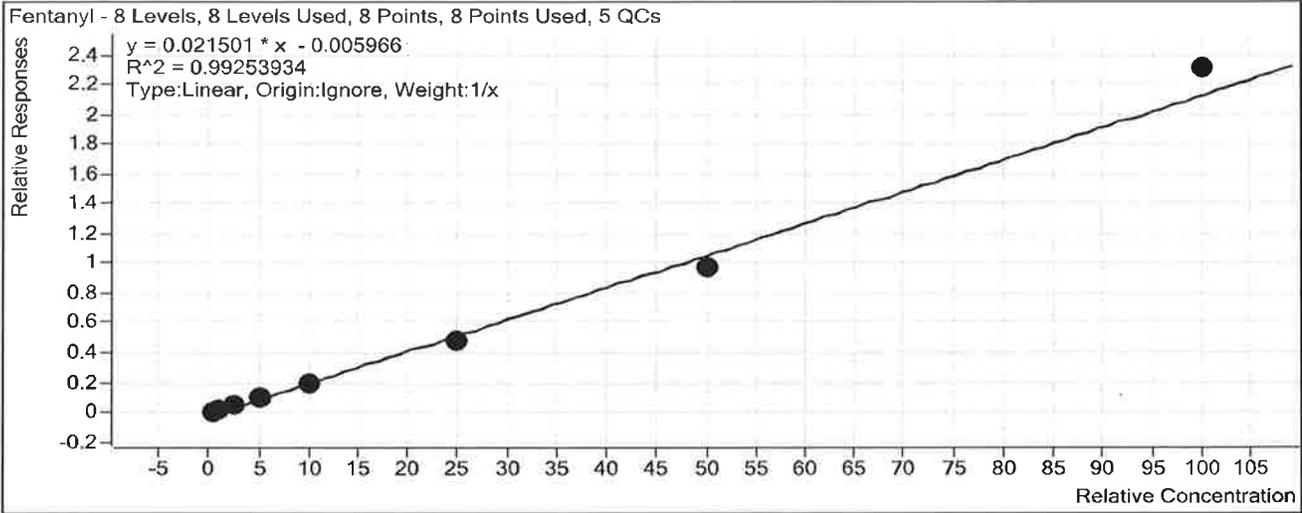
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Fentanyl*  
**Internal Standard** *Fentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	129.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	109.6
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	108.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	89.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.4	89.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.2	92.0
b QC 100	5	<input checked="" type="checkbox"/>	10	8.2	81.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	7.3	72.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.7	90.9
b QC 250	6	<input checked="" type="checkbox"/>	25	22.9	91.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	46.0	91.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	107.7	107.7
b QC 1000	8	<input checked="" type="checkbox"/>	100	107.2	107.2

# ISP FORENSICS

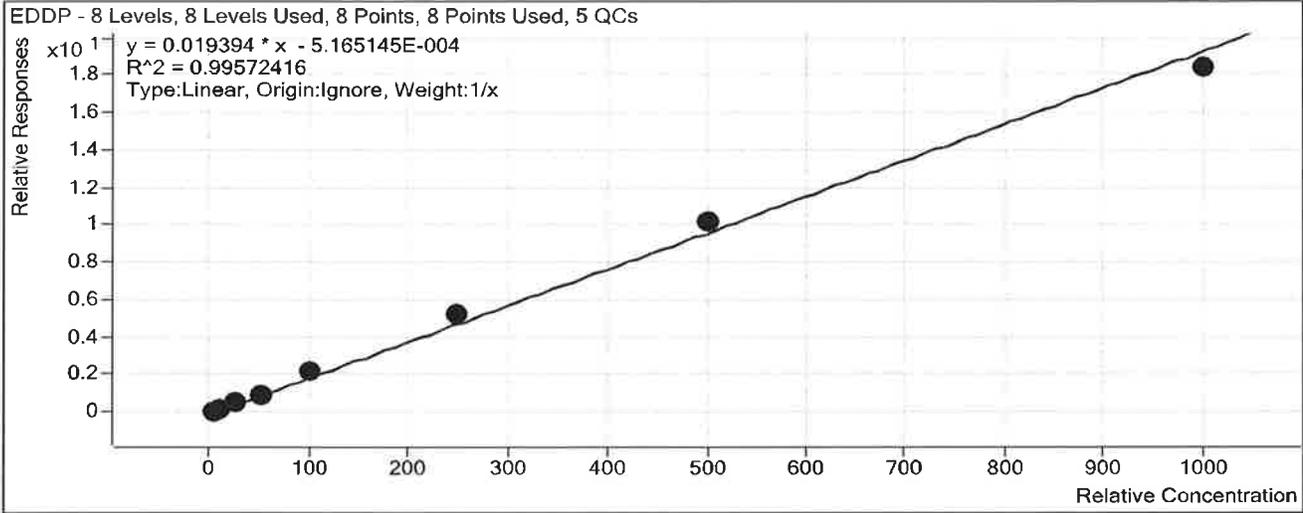
## Calibration Curve Report

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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *EDDP*  
**Internal Standard** *EDDP-D3*



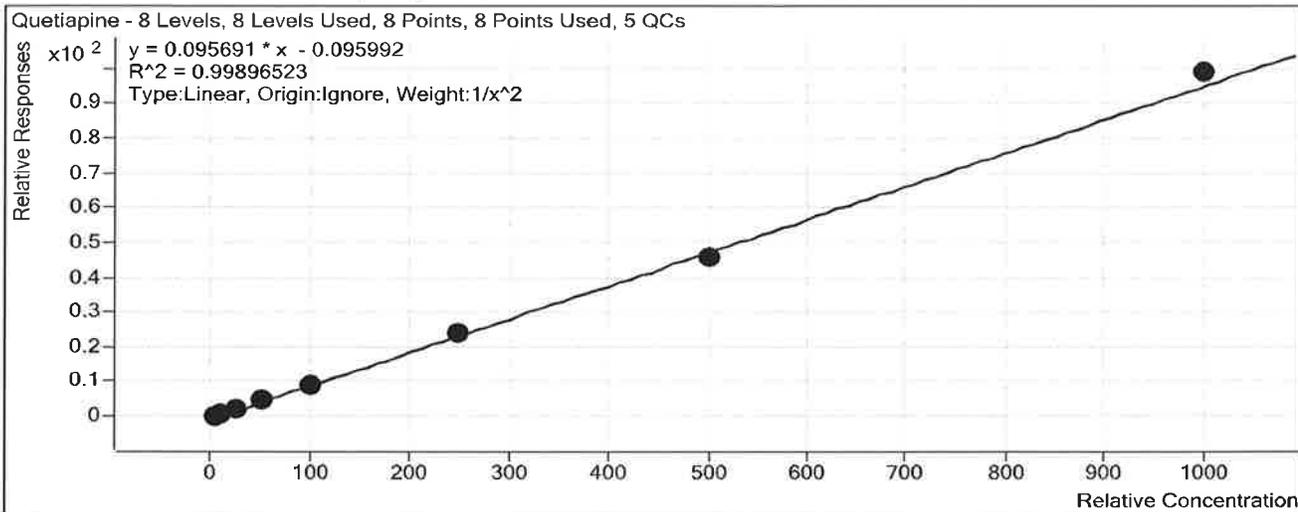
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	84.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b QC 10	2	<input checked="" type="checkbox"/>	10	8.9	88.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.2	113.2
b QC 100	5	<input checked="" type="checkbox"/>	100	95.0	95.0
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	104.8	104.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.3	108.5
b QC 250	6	<input checked="" type="checkbox"/>	250	246.5	98.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.9	104.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	946.9	94.7
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1213.7	121.4

# ISP FORENSICS Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Quetiapine*  
**Internal Standard** *Quetiapine-D8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
b QC 100	5	<input checked="" type="checkbox"/>	100	95.4	95.4
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.5	94.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.2	101.3
b QC 250	6	<input checked="" type="checkbox"/>	250	226.1	90.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.9	95.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1033.7	103.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1025.1	102.5

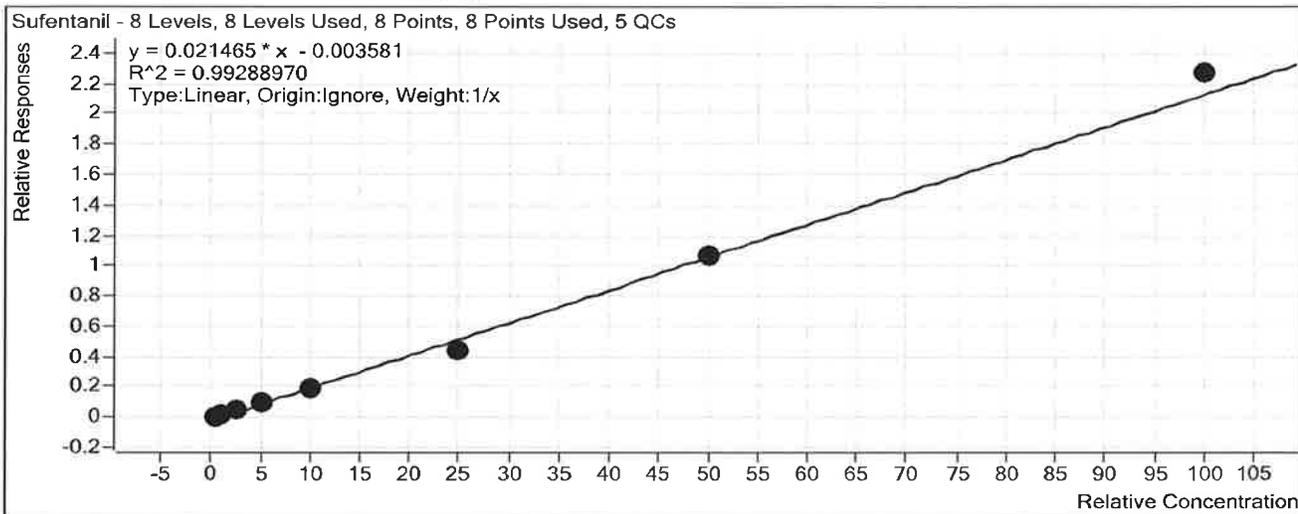
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Sufentanil  
**Internal Standard** Sufentanil-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	120.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.2	116.6
b QC 10	2	<input checked="" type="checkbox"/>	1	0.8	79.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	90.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	8.8	87.7
b QC 100	5	<input checked="" type="checkbox"/>	10	9.3	93.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	8.9	88.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	20.9	83.5
b QC 250	6	<input checked="" type="checkbox"/>	25	23.9	95.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.9	99.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	105.8	105.8
b QC 1000	8	<input checked="" type="checkbox"/>	100	95.4	95.4

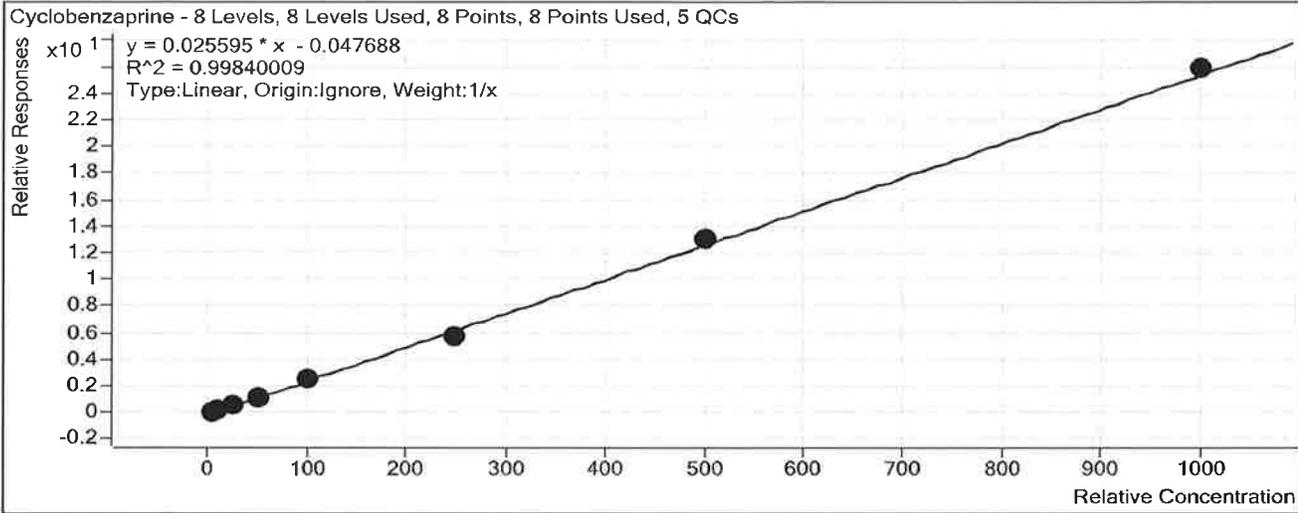
# ISP FORENSICS Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Cyclobenzaprine*  
**Internal Standard** *Cyclobenzaprine-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.1	88.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100	5	<input checked="" type="checkbox"/>	100	84.3	84.3
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	93.3	93.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	229.4	91.8
b QC 250	6	<input checked="" type="checkbox"/>	250	272.1	108.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.9	102.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.7	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	973.3	97.3

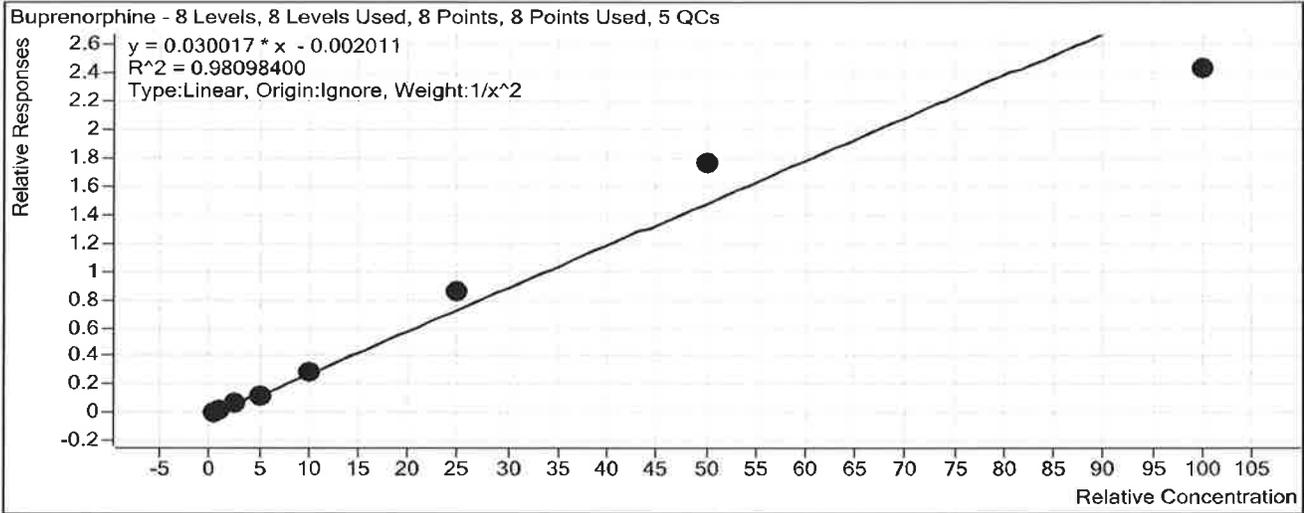
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Buprenorphine*  
**Internal Standard** *Buprenorphine-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	107.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	102.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.4	88.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 100	5	<input checked="" type="checkbox"/>	10	8.7	87.0
b QC 100 2nd	5	<input checked="" type="checkbox"/>	10	10.2	102.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	28.5	113.8
b QC 250	6	<input checked="" type="checkbox"/>	25	27.2	108.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	58.6	117.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	80.9	80.9
b QC 1000	8	<input checked="" type="checkbox"/>	100	95.9	95.9

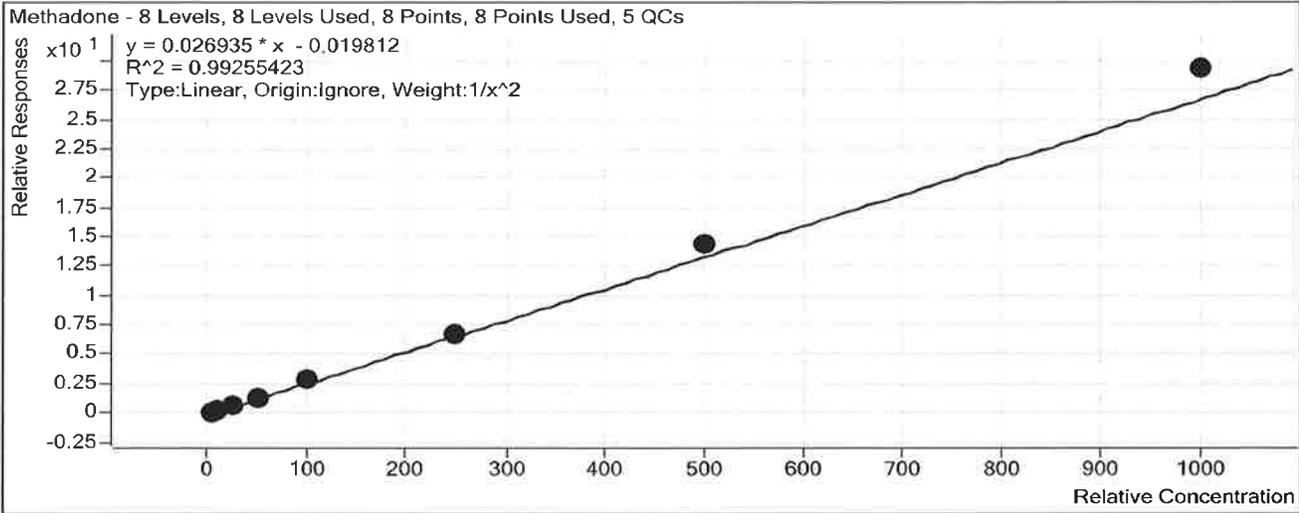
# ISP FORENSICS

## Calibration Curve Report

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Methadone*  
**Internal Standard** *Methadone-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.8
b QC 10	2	<input checked="" type="checkbox"/>	10	8.3	82.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.0	89.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.9	104.9
b QC 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.9	99.1
b QC 250	6	<input checked="" type="checkbox"/>	250	232.2	92.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	532.8	106.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1089.1	108.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	978.4	97.8

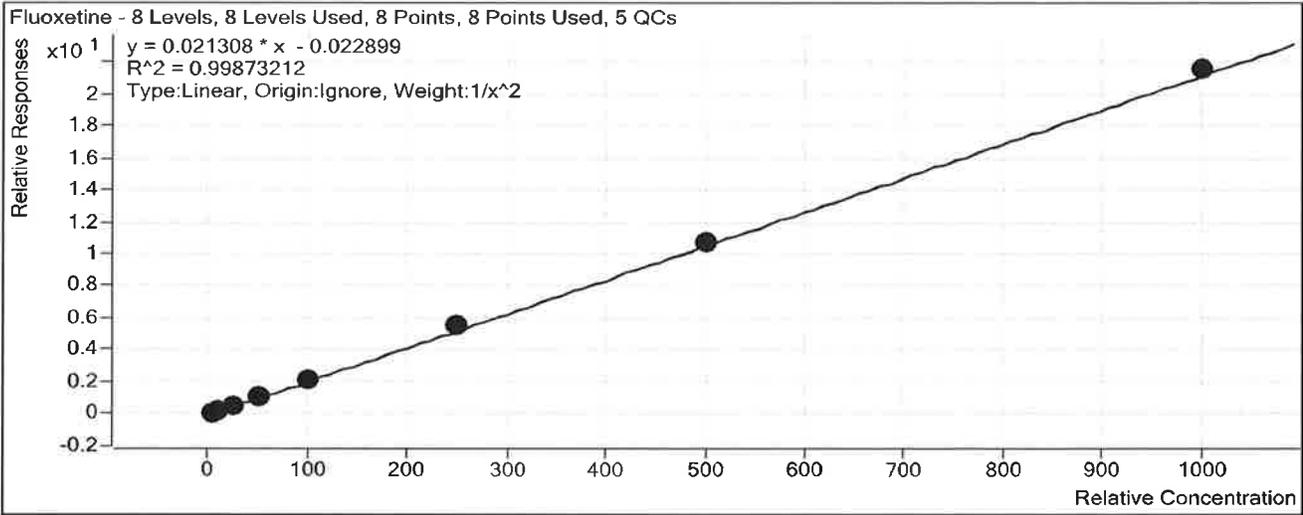
# ISP FORENSICS Calibration Curve Report

P

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** *Fluoxetine*  
**Internal Standard** *Fluoxetine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b QC 100	5	<input checked="" type="checkbox"/>	100	92.2	92.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	92.6	92.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.7	103.5
b QC 250	6	<input checked="" type="checkbox"/>	250	250.9	100.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.3	100.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.0	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1095.5	109.6

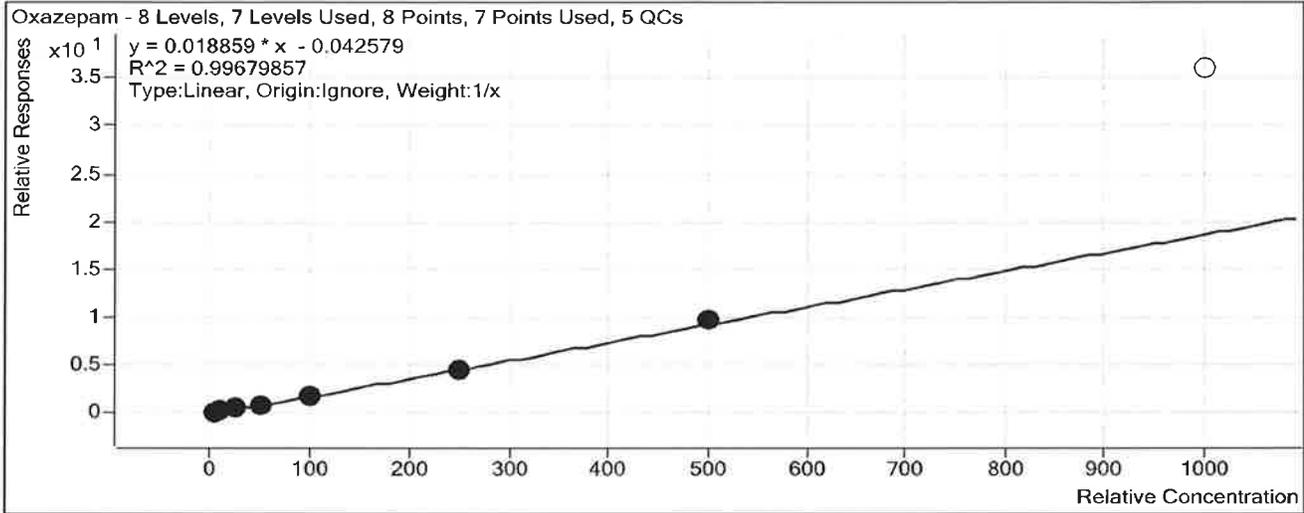
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Oxazepam  
**Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.8	89.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.9	97.9
b QC 100	5	<input checked="" type="checkbox"/>	100	86.1	86.1
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	84.7	84.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.0	94.0
b QC 250	6	<input checked="" type="checkbox"/>	250	224.0	89.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	522.1	104.4
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1910.8	191.1
<del>b QC 1000</del>	<del>8</del>	<del><input checked="" type="checkbox"/></del>	<del>1000</del>	<del>1660.8</del>	<del>166.1</del>

\* outside curve range

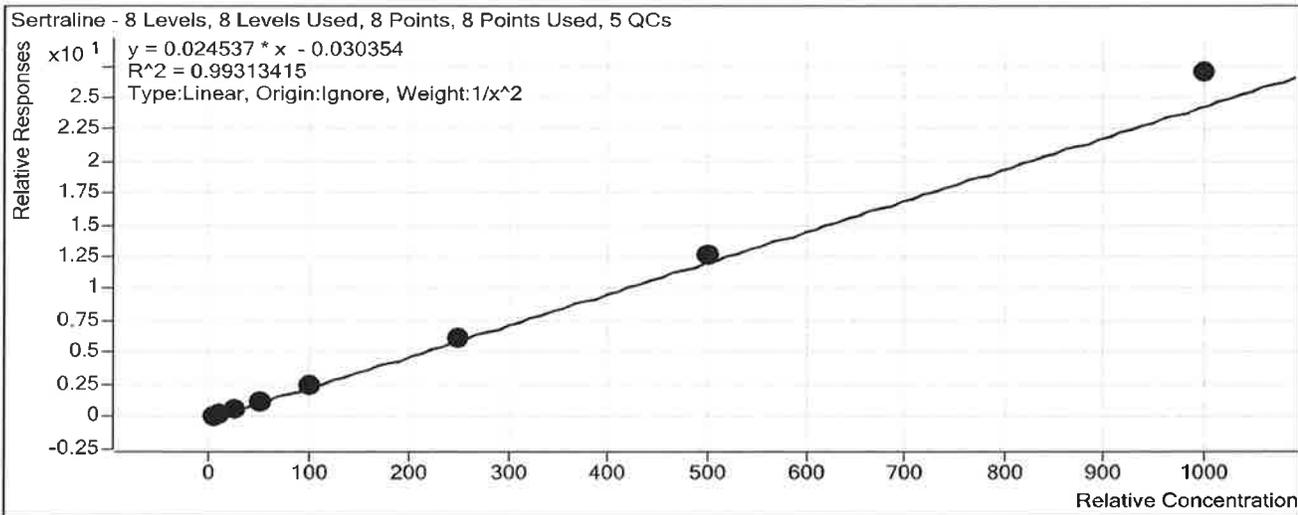
# ISP FORENSICS Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Sertraline  
**Internal Standard** Sertraline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.0
b QC 10	2	<input checked="" type="checkbox"/>	10	8.9	89.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.5	104.5
b QC 100	5	<input checked="" type="checkbox"/>	100	92.5	92.5
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	83.6	83.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.2	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	248.0	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.5	103.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1101.1	110.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1060.2	106.0

# ISP FORENSICS

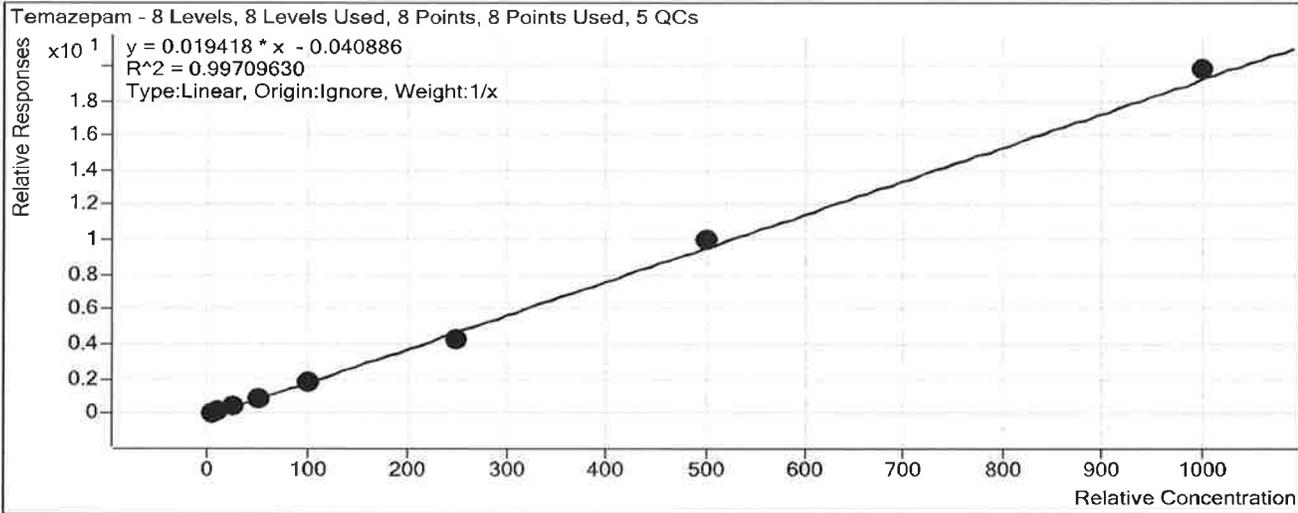
## Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.8	93.8
b QC 100	5	<input checked="" type="checkbox"/>	100	87.7	87.7
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	87.5	87.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	222.1	88.9
b QC 250	6	<input checked="" type="checkbox"/>	250	263.5	105.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.7	103.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.4	102.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1013.3	101.3

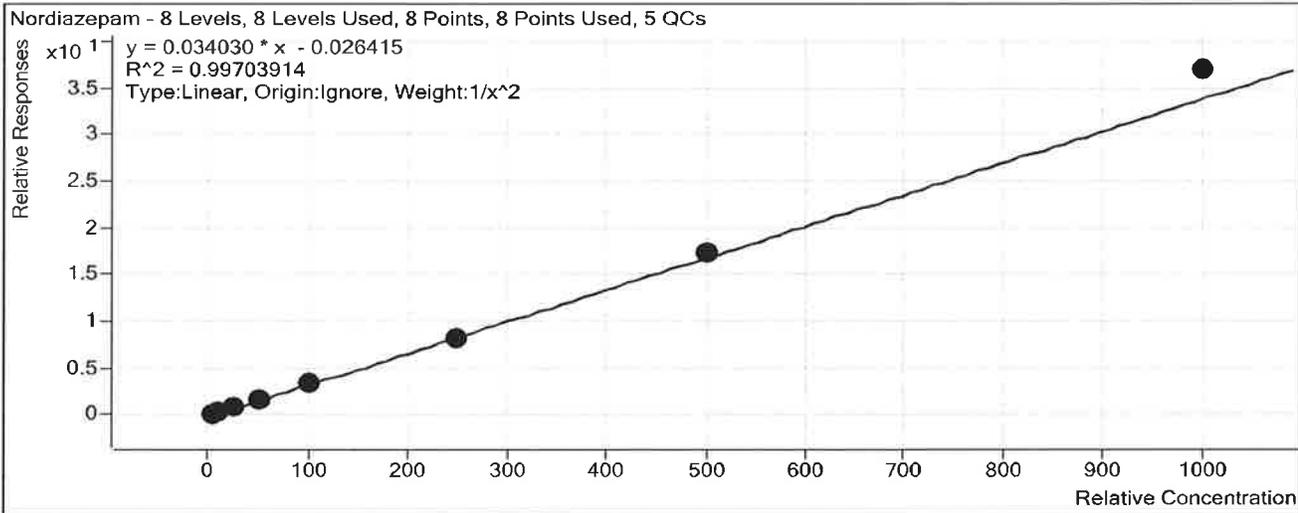
# ISP FORENSICS Calibration Curve Report

A

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

**Target Compound** Nordiazepam  
**Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	93.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.9	101.9
b QC 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	92.5	92.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.9	95.6
b QC 250	6	<input checked="" type="checkbox"/>	250	244.8	97.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.4	102.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1083.2	108.3
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1129.6	113.0

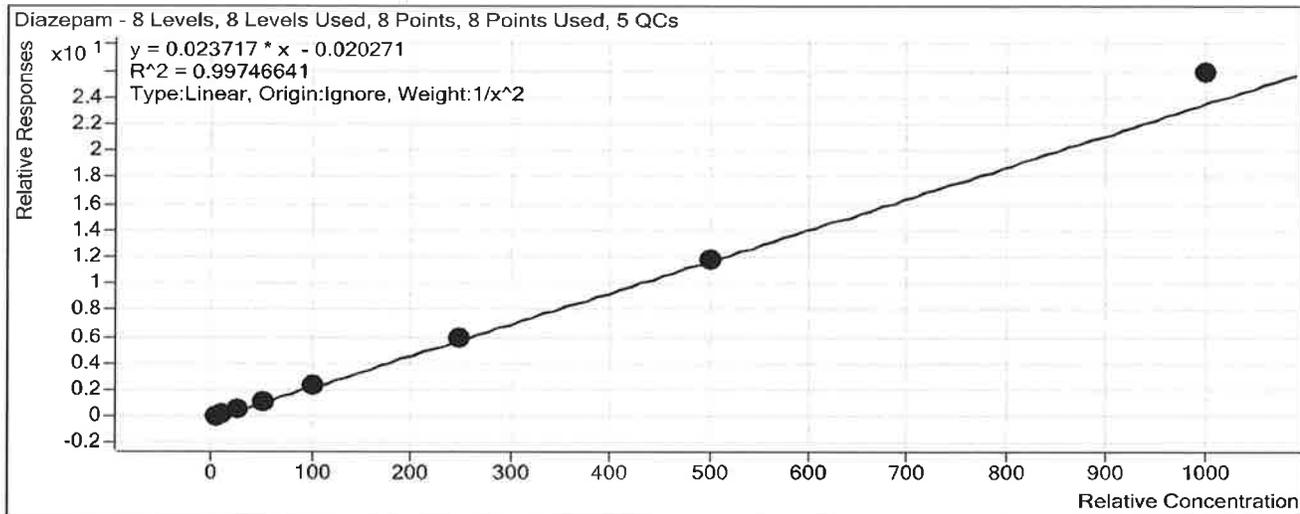
# ISP Forensics Calibration Curve Report

D

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b  
121817 SP.batch.bin

**Last Calib Update** 12/21/2017 12:39 PM      **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.7	99.7
b QC 100	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b QC 100 2nd	5	<input checked="" type="checkbox"/>	100	93.5	93.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.1	100.0
b QC 250	6	<input checked="" type="checkbox"/>	250	267.9	107.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.4	99.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1091.3	109.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1196.9	119.7

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

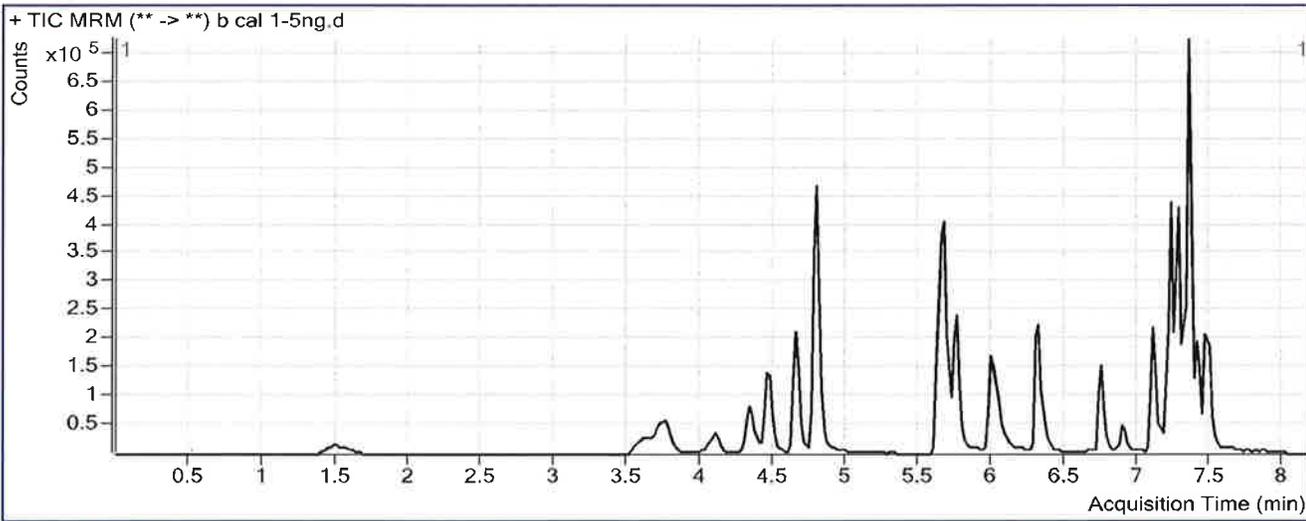
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:39 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

**Analysis Info**

**Acq Time** 2017-12-18 18:01 **Data File** b cal 1-5ng.d  
**Sample Type** Calibration **Sample Name** b cal 1-5ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-A1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	16417	139965	0.1173	6.1515
Dihydrocodeine	Dihydrocodeine-D6	3.675	15304	188978	0.0810	5.1369
Naloxone	Naloxone-D5	3.811	25117	356559	0.0704	5.3704
Noroxycodone	Noroxycodone-D3	4.139	18762	168916	0.1111	6.0704
Naltrexone	Naltrexone-D3	4.351	27780	299415	0.0928	5.1369
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	5480	572139	0.0096	0.5196
Naltrexol	Naltrexol-D3	4.669	60398	605393	0.0998	5.2923
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	143551	1455752	0.0986	5.6338
Ketamine	Ketamine-D4	5.660	79125	841942	0.0940	5.0716
Norfentanyl	Norfentanyl-D5	5.703	7821	956975	0.0082	0.6426
alpha-PVP	alpha-PVP-d8	6.007	56893	689155	0.0826	5.1839
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	4302	775645	0.0055	0.6360
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>146</del>	<del>18494</del>	<del>0.0079</del>	<del>0.4881</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	3926	494704	0.0079	0.6466
EDDP	EDDP-D3	6.889	11283	137973	0.0818	4.2430
Quetiapine	Quetiapine-D8	7.098	81644	215388	0.3791	4.9644
Sufentanil	Sufentanil-D5	7.117	3046	325161	0.0094	0.6032
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	25550	241681	0.1057	5.9936
Buprenorphine	Buprenorphine-D4	7.235	2434	188865	0.0129	0.4964

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** b cal 1 5ng

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<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	88741	725663	0.1223	5.2756
Fluoxetine	Fluoxetine-D6	7.284	56133	667675	0.0841	5.0203
Oxazepam	Oxazepam-D5	7.308	23034	348280	0.0661	5.7646
Sertraline	Sertraline-D3	7.325	31270	313370	0.0998	5.3037
Temazepam	Temazepam-D5	7.347	96865	1232566	0.0786	6.1527
Nordiazepam	Nordiazepam-D5	7.434	49497	333314	0.1485	5.1401
Diazepam	Diazepam-D5	7.490	40031	393689	0.1017	5.1420

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

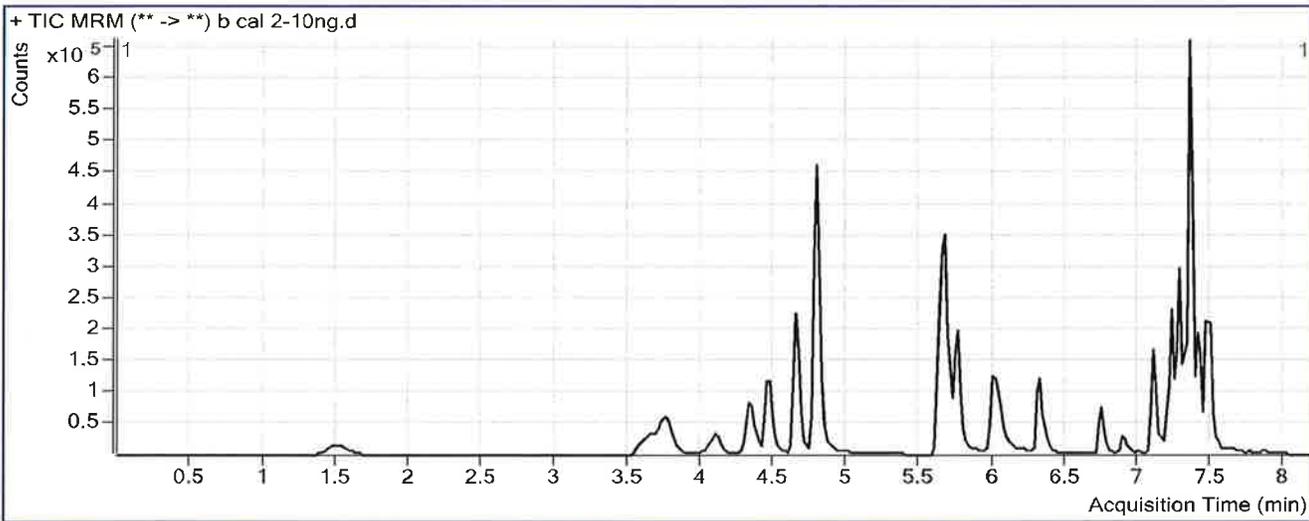
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**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:39 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-12-18 18:32 **Data File** b cal 2-10ng.d  
**Sample Type** Calibration **Sample Name** b cal 2-10ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-B1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.508	30760	131234	0.2344	10.0601
Dihydrocodeine	Dihydrocodeine-D6	3.695	27351	169451	0.1614	9.6567
Naloxone	Naloxone-D5	3.811	45122	327346	0.1378	9.1824
Noroxycodone	Noroxycodone-D3	4.139	33428	141278	0.2366	10.5243
Naltrexone	Naltrexone-D3	4.351	51006	267202	0.1909	9.6648
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	9836	485632	0.0203	0.9677
Naltrexol	Naltrexol-D3	4.669	116884	563081	0.2076	9.8026
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	261419	1308505	0.1998	10.0238
Ketamine	Ketamine-D4	5.660	139462	698581	0.1996	9.8626
Norfentanyl	Norfentanyl-D5	5.703	13297	776657	0.0171	1.0370
alpha-PVP	alpha-PVP-d8	6.027	79891	471471	0.1695	9.5502
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	4521	407029	0.0111	1.0229
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>158</del>	<del>9314</del>	<del>0.0169</del>	<del>0.9886</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	4073	231373	0.0176	1.0962
EDDP	EDDP-D3	6.910	13973	73174	0.1910	9.8729
Quetiapine	Quetiapine-D8	7.098	123840	141924	0.8726	10.1218
Sufentanil	Sufentanil-D5	7.117	3339	155639	0.0215	1.1663
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	22194	105166	0.2110	10.1085
Buprenorphine	Buprenorphine-D4	7.235	2819	98045	0.0288	1.0249

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 2 10ng*

5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.222	77384	332179	0.2330	9.3844
Fluoxetine	Fluoxetine-D6	7.284	56384	290552	0.1941	10.1821
Oxazepam	Oxazepam-D5	7.288	48935	327521	0.1494	10.1801
Sertraline	Sertraline-D3	7.325	26120	133707	0.1954	9.1985
Temazepam	Temazepam-D5	7.347	184595	1160693	0.1590	10.2957
Nordiazepam	Nordiazepam-D5	7.434	93637	307998	0.3040	9.7101
Diazepam	Diazepam-D5	7.490	74075	356071	0.2080	9.6261

**ISP FORENSICS - Pocatello Instrument # 59740**  
**Multi-Drug Confirmatory Analysis Report**

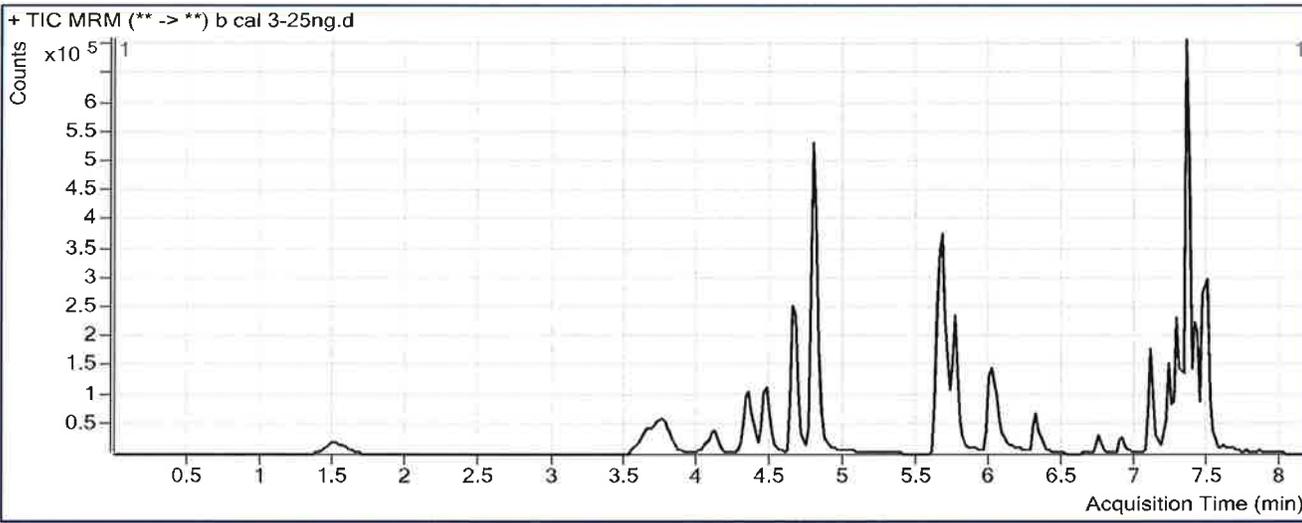
*SP*

**Batch Data Path** C:\MassHunter\Data\2017\MD Quant\121817 MDQ Panel 1 SP\QuantResults\MDQ Panel1b 121817 SP.batch.bi  
**Analysis Time** 12/21/2017 12:39 PM **Analyst Name** ISPUser  
**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

**Analysis Info**

**Acq Time** 2017-12-18 19:04 **Data File** b cal 3-25ng.d  
**Sample Type** Calibration **Sample Name** b cal 3-25ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-C1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

**Sample Chromatogram**



**Results**

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	73611	120397	0.6114	22.6444
Dihydrocodeine	Dihydrocodeine-D6	3.675	66475	157999	0.4207	24.2302
Naloxone	Naloxone-D5	3.811	104571	288647	0.3623	21.8759
Noroxycodone	Noroxycodone-D3	4.119	72225	128838	0.5606	22.0181
Naltrexone	Naltrexone-D3	4.351	119959	242100	0.4955	23.7227
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	22131	447082	0.0495	2.1953
Naltrexol	Naltrexol-D3	4.669	278095	510282	0.5450	23.9176
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	609950	1166799	0.5228	24.0374
Ketamine	Ketamine-D4	5.660	331546	635469	0.5217	24.4680
Norfentanyl	Norfentanyl-D5	5.703	31813	710601	0.0448	2.2558
alpha-PVP	alpha-PVP-d8	6.027	178813	406851	0.4395	23.1195
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	6468	221865	0.0292	2.2780
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>277</del>	<del>5265</del>	<del>0.0526</del>	<del>2.9565</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	3894	92283	0.0422	2.2402
EDDP	EDDP-D3	6.910	25967	53114	0.4889	25.2351
Quetiapine	Quetiapine-D8	7.098	240718	104749	2.2981	25.0184
Sufentanil	Sufentanil-D5	7.117	2433	51128	0.0476	2.3840
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	18790	36348	0.5169	22.0604
Buprenorphine	Buprenorphine-D4	7.235	3774	50376	0.0749	2.5631

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *b cal 3 25ng*

5

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	102209	172047	0.5941	22.7911
Fluoxetine	Fluoxetine-D6	7.284	49889	103937	0.4800	23.6012
Oxazepam	Oxazepam-D5	7.288	114667	276829	0.4142	24.2215
Sertraline	Sertraline-D3	7.325	26612	49662	0.5359	23.0754
Temazepam	Temazepam-D5	7.347	447147	1080702	0.4138	23.4132
Nordiazepam	Nordiazepam-D5	7.434	218976	283336	0.7728	23.4872
Diazepam	Diazepam-D5	7.490	183102	328897	0.5567	24.3276

# ISP FORENSICS - Pocatello Instrument # 59740

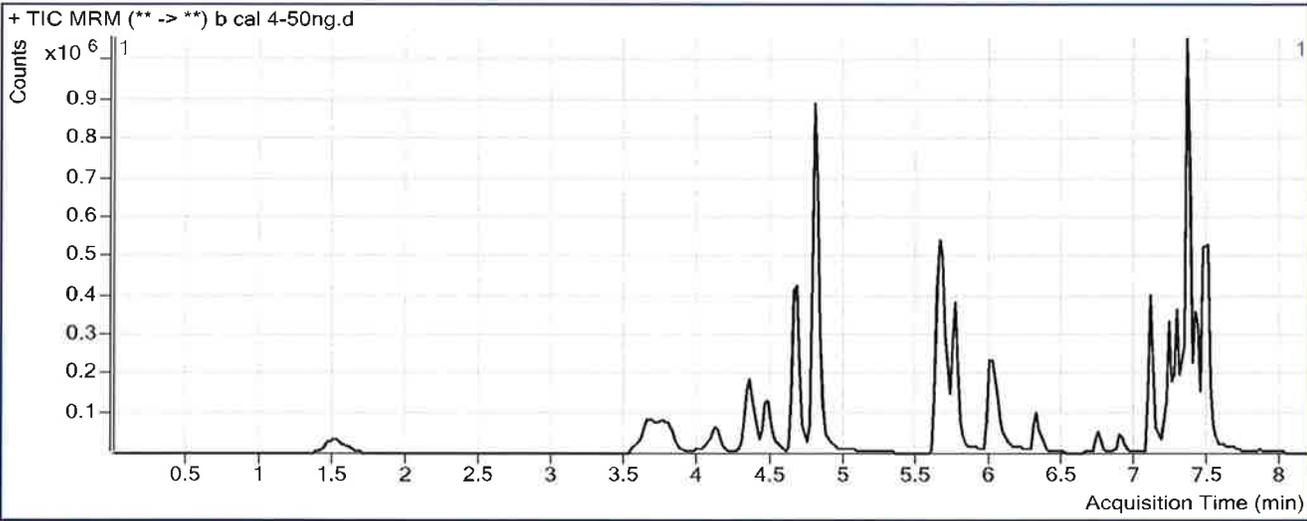
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-12-18 19:35 **Data File** b cal 4-50ng.d  
**Sample Type** Calibration **Sample Name** b cal 4-50ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-D1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	180378	138815	1.2994	45.6098
Dihydrocodeine	Dihydrocodeine-D6	3.675	169896	191075	0.8892	50.5550
Naloxone	Naloxone-D5	3.811	258724	328847	0.7868	45.8834
Noroxycodone	Noroxycodone-D3	4.119	175352	144669	1.2121	45.1316
Naltrexone	Naltrexone-D3	4.351	287150	275183	1.0435	49.0137
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	56621	510165	0.1110	4.7761
Naltrexol	Naltrexol-D3	4.669	696410	590647	1.1791	50.4436
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	1524859	1449554	1.0519	46.9989
Ketamine	Ketamine-D4	5.660	807445	774522	1.0425	48.0823
Norfentanyl	Norfentanyl-D5	5.703	75743	804390	0.0942	4.4330
alpha-PVP	alpha-PVP-d8	6.027	419221	453092	0.9252	47.5263
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	19541	319308	0.0612	4.5070
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>623</del>	<del>7319</del>	<del>0.0852</del>	<del>4.7515</del>
Fentanyl	Fentanyl-D5	6.740	14055	156688	0.0897	4.4495
EDDP	EDDP-D3	6.889	58835	64118	0.9176	47.3405
Quetiapine	Quetiapine-D8	7.098	622216	129067	4.8209	51.3826
Sufentanil	Sufentanil-D5	7.117	9229	98522	0.0937	4.5309
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	76601	65567	1.1683	47.5081
Buprenorphine	Buprenorphine-D4	7.235	9250	70665	0.1309	4.4277

*not evaluated*

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *b cal 4 50ng*

*P*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	298489	250582	1.1912	44.9595
Fluoxetine	Fluoxetine-D6	7.284	189699	189295	1.0021	48.1063
Oxazepam	Oxazepam-D5	7.288	192683	239954	0.8030	44.8367
Sertraline	Sertraline-D3	7.325	93095	85137	1.0935	45.8004
Temazepam	Temazepam-D5	7.347	939083	1097660	0.8555	46.1638
Nordiazepam	Nordiazepam-D5	7.434	482039	294251	1.6382	48.9162
Diazepam	Diazepam-D5	7.490	435415	391724	1.1115	47.7207

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

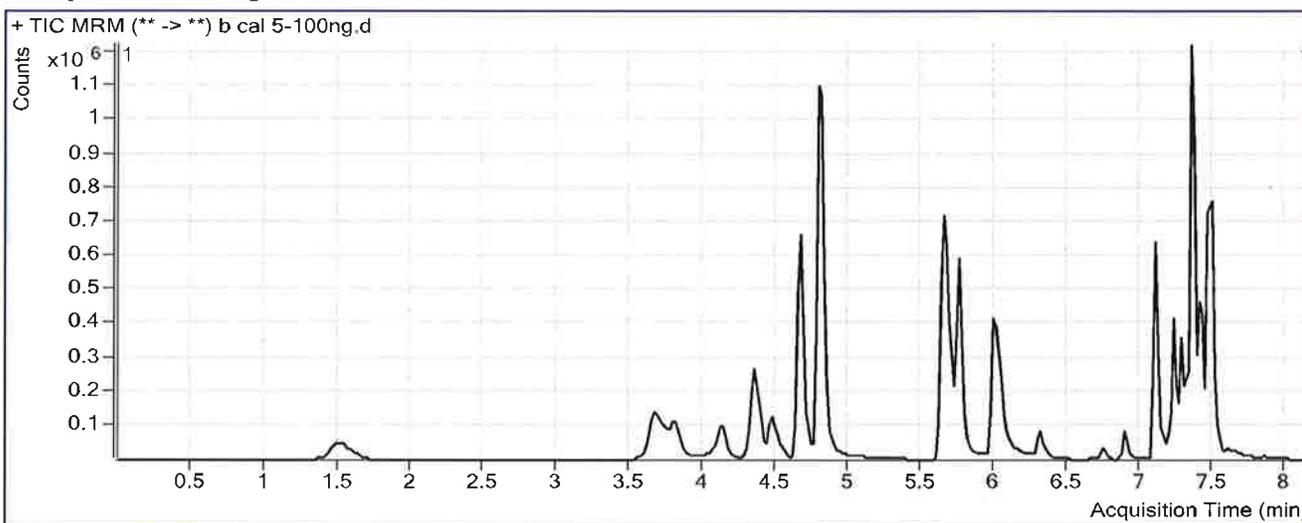
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**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-12-18 20:07 **Data File** b cal 5-100ng.d  
**Sample Type** Calibration **Sample Name** b cal 5-100ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-E1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	326493	116162	2.8107	96.0537
Dihydrocodeine	Dihydrocodeine-D6	3.675	289042	158080	1.8285	103.3419
Naloxone	Naloxone-D5	3.811	437411	259039	1.6886	96.8887
Noroxycodone	Noroxycodone-D3	4.139	323700	121828	2.6570	96.3938
Naltrexone	Naltrexone-D3	4.351	496316	225195	2.2039	102.5707
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	107287	449253	0.2388	10.1413
Naltrexol	Naltrexol-D3	4.669	1217583	502112	2.4249	102.5630
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.818	2745798	1231967	2.2288	98.0616
Ketamine	Ketamine-D4	5.660	1468404	661210	2.2208	101.5109
Norfentanyl	Norfentanyl-D5	5.703	157903	743828	0.2123	9.6399
alpha-PVP	alpha-PVP-d8	6.027	888572	402379	2.2083	111.9953
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	31763	239326	0.1327	9.4817
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.652</del>	<del>1089</del>	<del>6124</del>	<del>0.1778</del>	<del>9.8592</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	16351	85279	0.1917	9.1952
EDDP	EDDP-D3	6.889	129499	59007	2.1947	113.1870
Quetiapine	Quetiapine-D8	7.098	964668	105853	9.1132	96.2388
Sufentanil	Sufentanil-D5	7.117	8729	47264	0.1847	8.7705
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	73458	29166	2.5186	100.2658
Buprenorphine	Buprenorphine-D4	7.235	15510	54678	0.2837	9.5173

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report**

b cal 5 1000ng

S

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	470853	167758	2.8067	104.9390
Fluoxetine	Fluoxetine-D6	7.284	158628	73748	2.1510	102.0219
Oxazepam	Oxazepam-D5	7.288	306595	169899	1.8046	97.9446
Sertraline	Sertraline-D3	7.325	83040	32760	2.5348	104.5400
Temazepam	Temazepam-D5	7.347	1546382	868622	1.7803	93.7860
Nordiazepam	Nordiazepam-D5	7.434	774744	225032	3.4428	101.9469
Diazepam	Diazepam-D5	7.490	733528	312921	2.3441	99.6908

# ISP FORENSICS - Pocatello Instrument # 59740

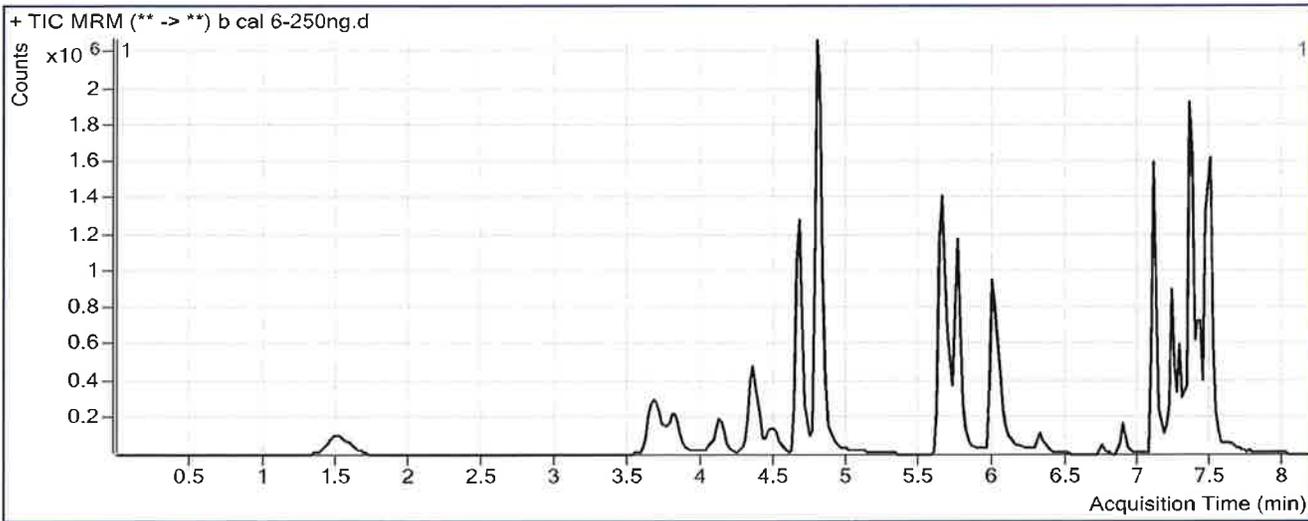
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

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**Sample Type** Calibration **Sample Name** b cal 6-250ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-F1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	805195	112977	7.1271	240.1321
Dihydrocodeine	Dihydrocodeine-D6	3.675	715522	164630	4.3462	244.8365
Naloxone	Naloxone-D5	3.811	1002148	228842	4.3792	249.0633
Noroxycodone	Noroxycodone-D3	4.119	753675	112223	6.7159	240.3909
Naltrexone	Naltrexone-D3	4.351	1044562	195948	5.3308	246.8813
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	267048	441538	0.6048	25.5036
Naltrexol	Naltrexol-D3	4.669	2840372	488557	5.8138	244.3334
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	6749791	1207991	5.5876	243.7997
Ketamine	Ketamine-D4	5.660	3552503	665382	5.3390	242.9076
Norfentanyl	Norfentanyl-D5	5.703	373339	729067	0.5121	22.8551
alpha-PVP	alpha-PVP-d8	6.007	2130975	443673	4.8030	242.3719
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	77918	246281	0.3164	22.2569
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>2524</del>	<del>5906</del>	<del>0.4273</del>	<del>23.6206</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.740	39725	82304	0.4827	22.7265
EDDP	EDDP-D3	6.889	319428	60708	5.2617	271.3282
Quetiapine	Quetiapine-D8	7.098	2914754	120792	24.1303	253.1712
Sufentanil	Sufentanil-D5	7.117	22546	50735	0.4444	20.8688
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	197254	33869	5.8240	229.4070
Buprenorphine	Buprenorphine-D4	7.235	41814	49067	0.8522	28.4563

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report** *b cal 6 250ng*

*P*

<b>Compound</b>	<b>ISTD Compound</b>	<b>RT</b>	<b>Response</b>	<b>ISTD Resp</b>	<b>Resp Ratio</b>	<b>Final Conc</b>
Methadone	Methadone-D9	7.222	1199081	180136	6.6565	247.8661
Fluoxetine	Fluoxetine-D6	7.284	424649	77362	5.4891	258.6876
Oxazepam	Oxazepam-D5	7.288	506188	115342	4.3886	234.9617
Sertraline	Sertraline-D3	7.325	209803	34338	6.1099	250.2408
Temazepam	Temazepam-D5	7.347	3065943	717609	4.2724	222.1281
Nordiazepam	Nordiazepam-D5	7.434	1443654	178163	8.1030	238.8916
Diazepam	Diazepam-D5	7.490	1706078	288589	5.9118	250.1152

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report

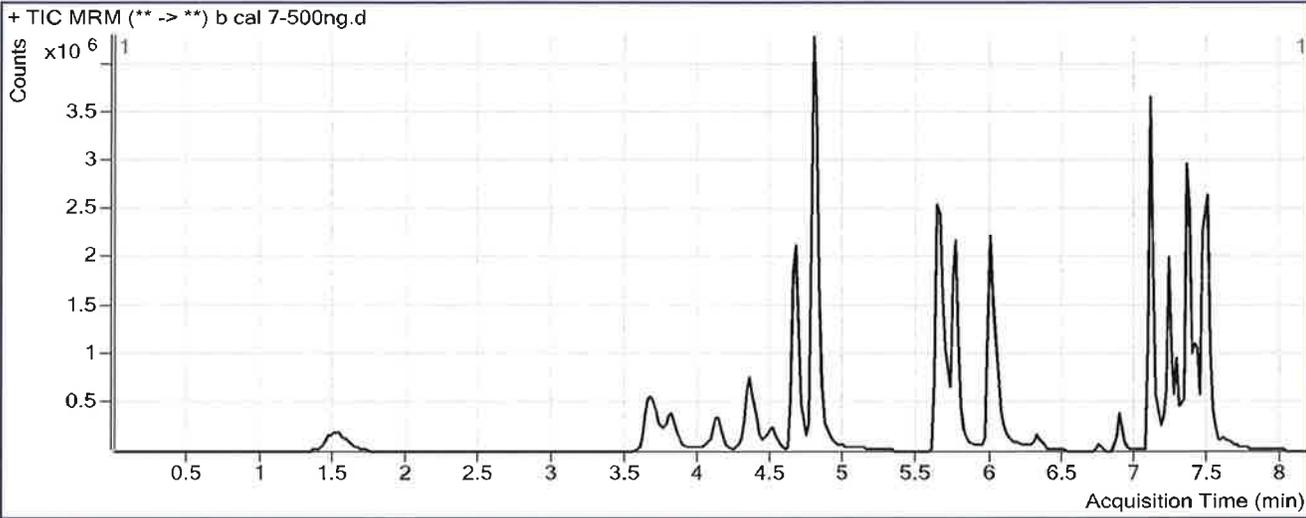
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**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
**Last Calib Update** 12/21/2017 12:39 PM **Batch State** Processed

### Analysis Info

**Acq Time** 2017-12-18 21:10 **Data File** b cal 7-500ng.d  
**Sample Type** Calibration **Sample Name** b cal 7-500ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-G1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	1583532	105069	15.0714	505.3067
Dihydrocodeine	Dihydrocodeine-D6	3.675	1426672	156888	9.0936	511.6294
Naloxone	Naloxone-D5	3.811	1815495	190280	9.5412	541.0095
Noroxycodone	Noroxycodone-D3	4.139	1426852	100633	14.1788	505.1567
Naltrexone	Naltrexone-D3	4.351	1794581	158864	11.2963	522.2013
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	560410	442083	1.2677	53.3255
Naltrexol	Naltrexol-D3	4.669	5162372	442572	11.6645	489.0917
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	13475615	1167612	11.5412	502.1223
Ketamine	Ketamine-D4	5.640	7424299	662031	11.2144	509.3255
Norfentanyl	Norfentanyl-D5	5.703	792271	732912	1.0810	47.9331
alpha-PVP	alpha-PVP-d8	6.007	4891498	483677	10.1132	509.1878
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	188257	255035	0.7382	51.5949
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>4862</del>	<del>5460</del>	<del>0.8904</del>	<del>49.1561</del>
Fentanyl	Fentanyl-D5	6.760	81386	82873	0.9821	45.9533
EDDP	EDDP-D3	6.889	685544	67730	10.1217	521.9195
Quetiapine	Quetiapine-D8	7.098	5926592	129604	45.7284	478.8769
Sufentanil	Sufentanil-D5	7.117	49839	46699	1.0672	49.8862
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	414660	31701	13.0802	512.9091
Buprenorphine	Buprenorphine-D4	7.235	87292	49655	1.7580	58.6332

not evaluated

# ISP FORENSICS - Pocatello Instrument # 59740

## Multi-Drug Confirmatory Analysis Report *b cal 7 500ng*

*P*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.222	2787593	194502	14.3320	532.8247
Fluoxetine	Fluoxetine-D6	7.284	717767	67206	10.6801	502.3090
Oxazepam	Oxazepam-D5	7.288	742066	75693	9.8036	522.0908
Sertraline	Sertraline-D3	7.325	348139	27537	12.6428	516.4801
Temazepam	Temazepam-D5	7.347	5515710	553109	9.9722	515.6541
Nordiazepam	Nordiazepam-D5	7.434	1999747	114850	17.4119	512.4422
Diazepam	Diazepam-D5	7.490	2982417	253744	11.7537	496.4272

# ISP FORENSICS - Pocatello Instrument # 59740

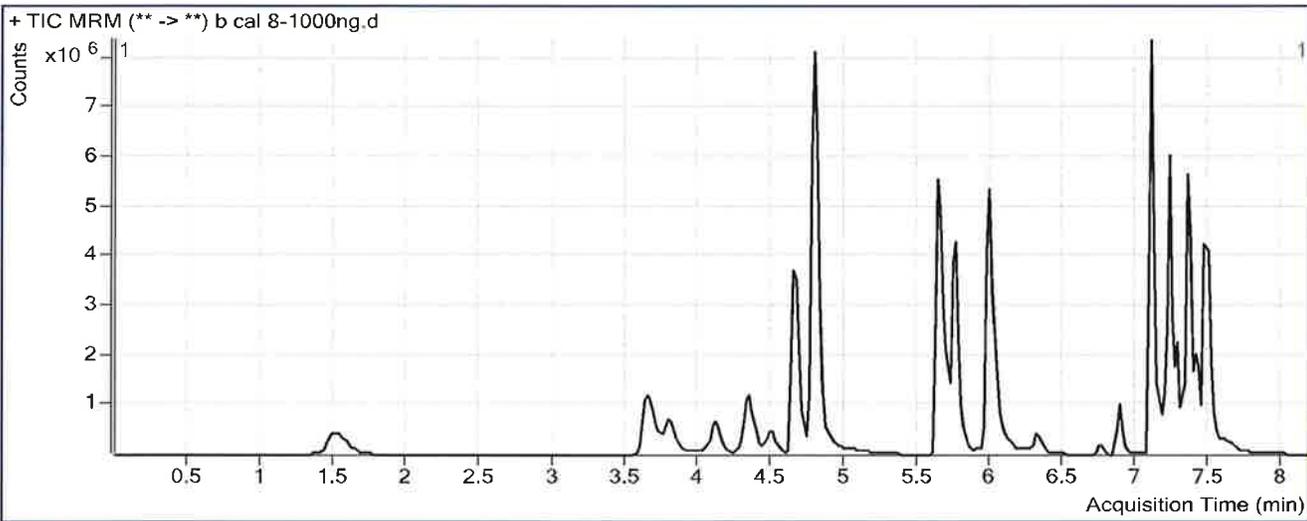
## Multi-Drug Confirmatory Analysis Report

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**Report Time** 12/21/2017 1:10 PM **Reporter Name** ISPUser  
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### Analysis Info

**Acq Time** 2017-12-18 21:41 **Data File** b cal 8-1000ng.d  
**Sample Type** Calibration **Sample Name** b cal 8-1000ng  
**Dilution** 1 **Acq Method** MD Quant Panel 1b 12-12-17.m  
**Position** P1-H1 **Sample Info**  
**Inj Vol** -1 **Comment** AM 28

### Sample Chromatogram



### Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	3425984	113022	30.3125	1014.0417
Dihydrocodeine	Dihydrocodeine-D6	3.655	3104280	176212	17.6167	990.6133
Naloxone	Naloxone-D5	3.791	3433331	166473	20.6239	1167.8206
Noroxycodone	Noroxycodone-D3	4.119	2833423	99312	28.5304	1014.3140
Naltrexone	Naltrexone-D3	4.351	3073688	139284	22.0678	1019.3276
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	1300738	470569	2.7642	116.1399
Naltrexol	Naltrexol-D3	4.649	10503006	433557	24.2252	1014.5559
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	28351378	1220432	23.2306	1009.3224
Ketamine	Ketamine-D4	5.640	16819490	724388	23.2189	1053.6637
Norfentanyl	Norfentanyl-D5	5.703	1764984	741525	2.3802	105.2035
alpha-PVP	alpha-PVP-d8	6.007	11900096	583903	20.3803	1025.0762
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.318	616387	420452	1.4660	102.2226
<del>Norbuprenorphine</del>	<del>Norbuprenorphine-D3</del>	<del>6.672</del>	<del>12611</del>	<del>7040</del>	<del>1.7914</del>	<del>98.8436</del> <i>not evaluated</i>
Fentanyl	Fentanyl-D5	6.760	283925	122938	2.3095	107.6925
EDDP	EDDP-D3	6.889	1715248	93406	18.3633	946.8737
Quetiapine	Quetiapine-D8	7.098	15748690	159363	98.8227	1033.7256
Sufentanil	Sufentanil-D5	7.117	197363	87050	2.2672	105.7900
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1527450	59093	25.8480	1011.7475
Buprenorphine	Buprenorphine-D4	7.235	156490	64510	2.4258	80.8824

**ISP FORENSICS - Pocatello Instrument # 59740**

**Multi-Drug Confirmatory Analysis Report**

b cal 8 1000ng

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.222	8249119	281395	29.3151	1089.0890
Fluoxetine	Fluoxetine-D6	7.284	2474070	114860	21.5398	1011.9696
<del>Oxazepam</del>	<del>Oxazepam-D5</del>	<del>7.288</del>	<del>1271706</del>	<del>35333</del>	<del>35.9925</del>	<del>1910.7500</del>
Sertraline	Sertraline-D3	7.325	1184440	43890	26.9867	1101.0527
Temazepam	Temazepam-D5	7.347	9314240	470122	19.8124	1022.4065
Nordiazepam	Nordiazepam-D5	7.434	3504655	95142	36.8361	1083.2440
Diazepam	Diazepam-D5	7.490	5465028	211320	25.8614	1091.2543

outside  
curve  
range