

Worklist: 1596

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2017-0381	1	78854	AM 28 Blood Multi-Drug Quant	
M2016-4989	1	78818	AM 28 Blood Multi-Drug Quant	
M2017-0629	1	78855	AM 28 Blood Multi-Drug Quant	
M2017-0752	2	78856	AM 28 Blood Multi-Drug Quant	
M2017-0764	2	78857	AM 28 Blood Multi-Drug Quant	
P2016-1529	1	78858	AM 28 Blood Multi-Drug Quant	
P2017-0432	1	78859	AM 28 Blood Multi-Drug Quant	
P2017-0433	3	78860	AM 28 Blood Multi-Drug Quant	
P2017-0469	1	78861	AM 28 Blood Multi-Drug Quant	
P2017-0487	1	78862	AM 28 Blood Multi-Drug Quant	
P2017-0500	1	78863	AM 28 Blood Multi-Drug Quant	
P2017-0502	1	78864	AM 28 Blood Multi-Drug Quant	

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

Date: 3-9-17

Analyst: Bugie

PRE-ANALYTIC

Plate Lot# 0498367

Plate Exp. 1/26/2018

1. Ensure all solutions are within expiration date.

Mobile Phase A:

0.5M Ammonium Hydroxide

5mM Amm Form +0.01% FA

Mobile Phase B:

Ethyl Acetate

0.01% FA in MeOH

20% Methanol

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

- X 2. Check levels of mobile phases and needle wash and refill as necessary. Ensure waste is not full.
- X 3. Begin mobile phase flow and allow system to equilibrate for approx. 30 minutes.
- X 4. Create worklist. Data path name: 3-9-17 BAW AMZ8MDQ Panel 1

ANALYTIC

- X 1. Remove standards plate, blood, and samples from cold storage. Allow to reach room temperature.
- X 2. Pipette **250 µL blood** in wells of analytical (standards) plate. Mix via aspirate and dispense.
 - Blank blood for locations containing standards/QCs and internal standards
 - Sample blood for locations containing only internal standards
- 0 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID 66759
- 0 4. Pipette **250 µL 0.5M ammonium hydroxide** buffer in wells of analytical (standards) plate.
- X 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- X 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- X 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100PSI- Selector to Right) Wait 5 min.
- 0 8. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 0 9. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
- 0 10. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- 0 11. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
- 0 12. Remove plate containing eluate. Place on **SPE Dry** and evaporate to dryness at approx. 35°C.
SPE Dry ID 66819
- 0 13. Reconstitute in **100 µL 20% MeOH** and seal plate with foil. Place in autosampler and run worklist.

POST-ANALYTIC

- 0 1. Open quantitation software and create a new quantitation batch.
Batch name: 3-8-17 M001a *Samples extracted & run 3/9/17
- 0 2. Make any necessary changes. Limit curves based on validated linear ranges.
- 0 3. Were all appropriate standards used in the curve for each analyte? (Y) N
Are r² values ≥0.98 for each analyte? (Y) N
- 0 4. For unknown samples, are the response ratios for each analyte within ± 20% of the average ratios of the standards and QC's? (Y) N
- 0 5. Did all QCs pass for each analyte? (Y) N
- 0 6. Central File Packet to include: ✓ LIMS Worklist: ✓ Method Checklist ✓ Calibration and Control Reports

COMMENTS:

ISP FORENSICS - Cd'A Instrument # 62340

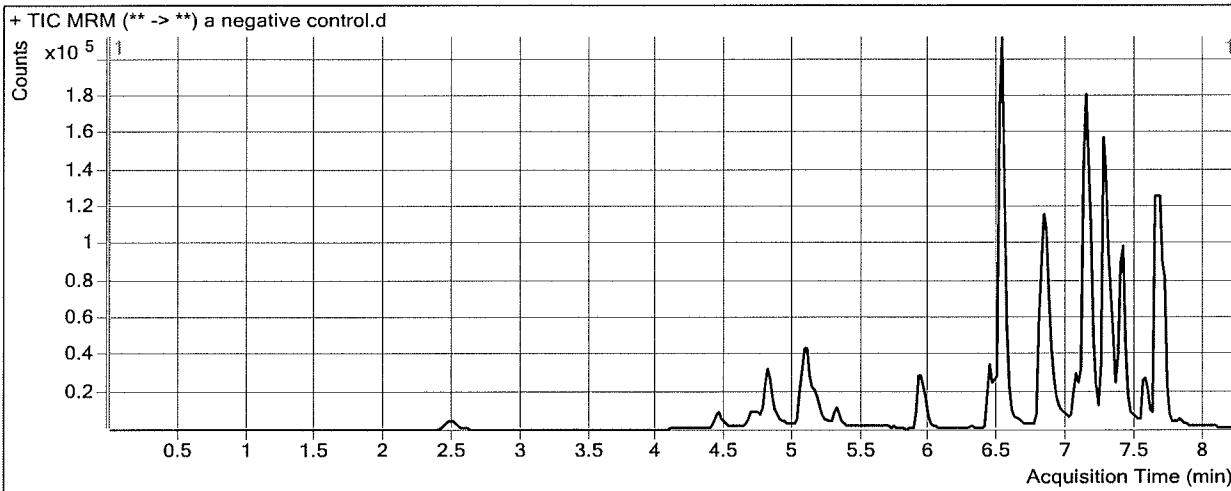
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 18:06 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-A4 **Sample Info**
Inj Vol -1 **Comment** lot 321632-1; AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.844	32783	32369	1.0128	0.0000
Methamphetamine	Methamphetamine-D11	5.182	19422	81592	0.2380	8.0879 <i>C25</i>
Tramadol	Tramadol-13C-D3	6.521	3681	627788	0.0059	0.0000
Promethazine	Promethazine-D3	7.567	544	63996	0.0085	0.0000

ISP FORENSICS - Cd'A Instrument # 62340

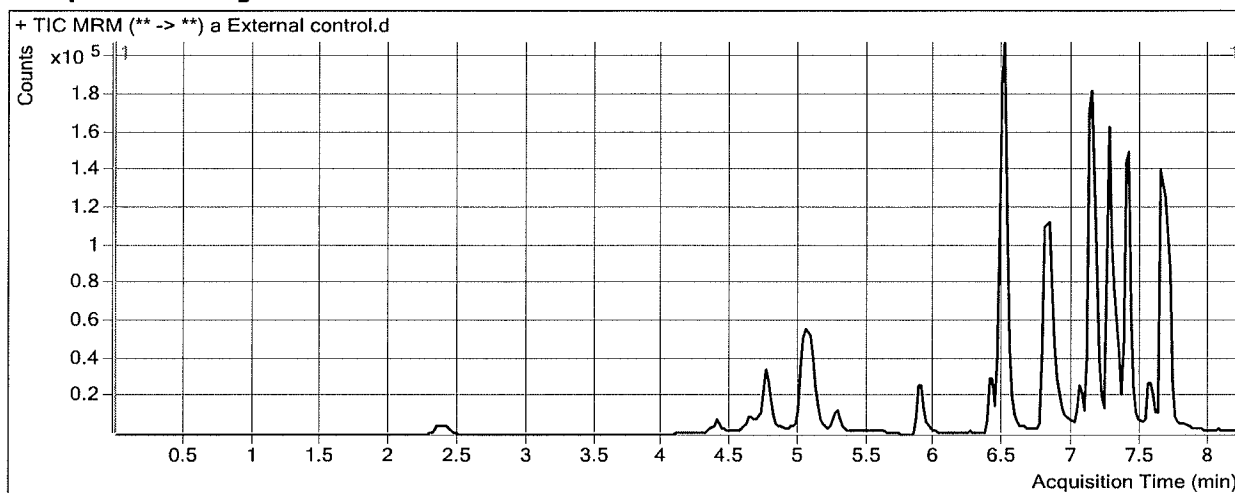
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 18:32 **Data File** a External control.d
Sample Type Sample **Sample Name** a External control
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-B4 **Sample Info**
Inj Vol -1 **Comment** lot 51017 50 ng hydrocodone, diphenhydramine, lorazepam

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.764	26761	28930	0.9250	0.0000
<u>Hydrocodone</u>	Hydrocodone-D6	5.075	74062	93238	0.7943	44.4796
Methamphetamine	Methamphetamine-D11	5.141	7325	71789	0.1020	<u>3.2342</u> <i>225</i>
Tramadol	Tramadol-13C-D3	6.501	3336	629048	0.0053	0.0000
<u>Diphenhydramine</u>	Diphenhydramine-D3	7.412	165138	167028	0.9887	<u>47.1460</u>
Promethazine	Promethazine-D3	7.567	253	63582	0.0040	0.0000
<u>Lorazepam</u>	Alprazolam-D5	7.683	18617	185930	0.1001	<u>42.2435</u>

ISP FORENSICS - Cd'A Instrument # 62340

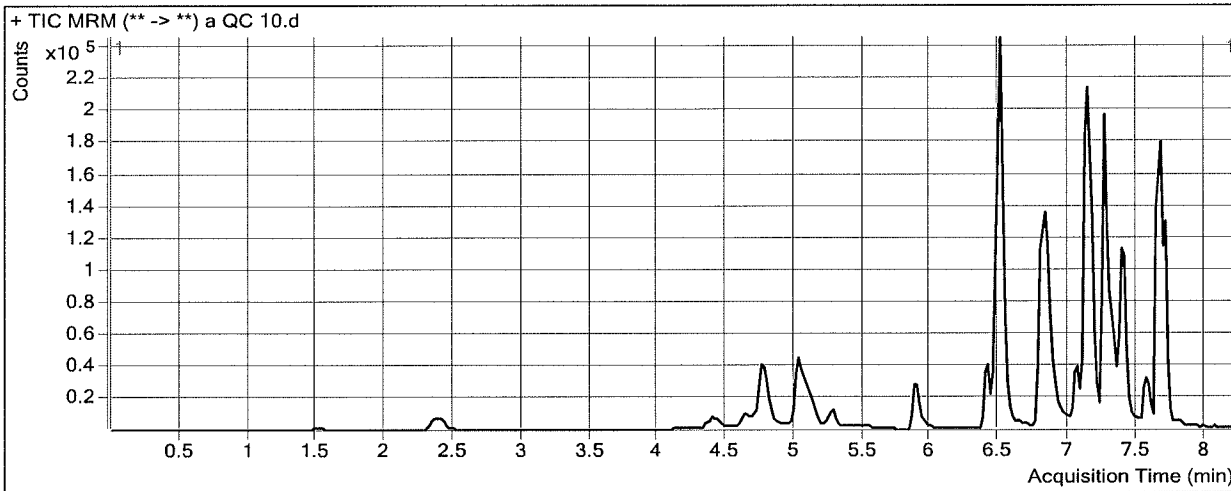
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 18:57 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.548	2235	2880	0.7763	8.6445
Hydromorphone	Hydromorphone-D6	2.407	10207	34319	0.2974	10.0352
Codeine	Codeine-D6	4.432	5073	19609	0.2587	10.7643
Amphetamine	Amphetamine-D11	4.784	67257	30764	2.1862	11.0516
Oxycodone	Oxycodone-D6	4.790	25078	117375	0.2137	9.6187
Hydrocodone	Hydrocodone-D6	5.075	15868	88648	0.1790	9.9092
Norhydrocodone	Norhydrocodone-D3	5.138	1314	37255	0.0353	10.4816
Methamphetamine	Methamphetamine-D11	5.141	27400	76289	0.3592	12.4105
6-MAM	6-MAM-D6	5.268	656	30554	0.0215	0.9102
Phentermine	Phentermine-D5	5.926	6414	104459	0.0614	9.8818
Dextroprphan	Dextroprphan-D3	6.423	13019	101256	0.1286	9.9922
7-aminoclonazepam	7-Aminoclonazepam-D4	6.495	19206	80949	0.2373	9.5342
Tramadol	Tramadol-13C-D3	6.501	124720	593215	0.2102	9.5110
Doxylamine	Doxylamine-D5	6.843	101927	521461	0.1955	9.5997
Bupropion	Bupropion-D9	7.071	19109	97328	0.1963	9.3297
Zolpidem	Zolpidem-D6	7.142	95593	548576	0.1743	9.4447
Meprobamate	Meprobamate-D7	7.173	14089	72166	0.1952	11.8193
Venlafaxine	Venlafaxine-D6	7.266	82248	417125	0.1972	8.8111
Trazodone	Trazodone-D6	7.336	28012	111395	0.2515	10.3912
Citalopram	Citalopram-D6	7.378	24877	108145	0.2300	10.9824
Dextromethorphan	Dextromethorphan-D3	7.388	3512	14744	0.2382	10.9681
Diphenhydramine	Diphenhydramine-D3	7.412	31902	167668	0.1903	9.2967
Promethazine	Promethazine-D3	7.567	11424	58483	0.1953	10.4637

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.583	9033	13335	0.6774	9.1037
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	4629	18308	0.2529	10.9949
Carisoprodol	Carisoprodol-D7	7.672	57139	323243	0.1768	10.8142
Lorazepam	Alprazolam-D5	7.683	3320	179771	0.0185	9.1481
Alprazolam	Alprazolam-D5	7.706	42804	179771	0.2381	10.1774

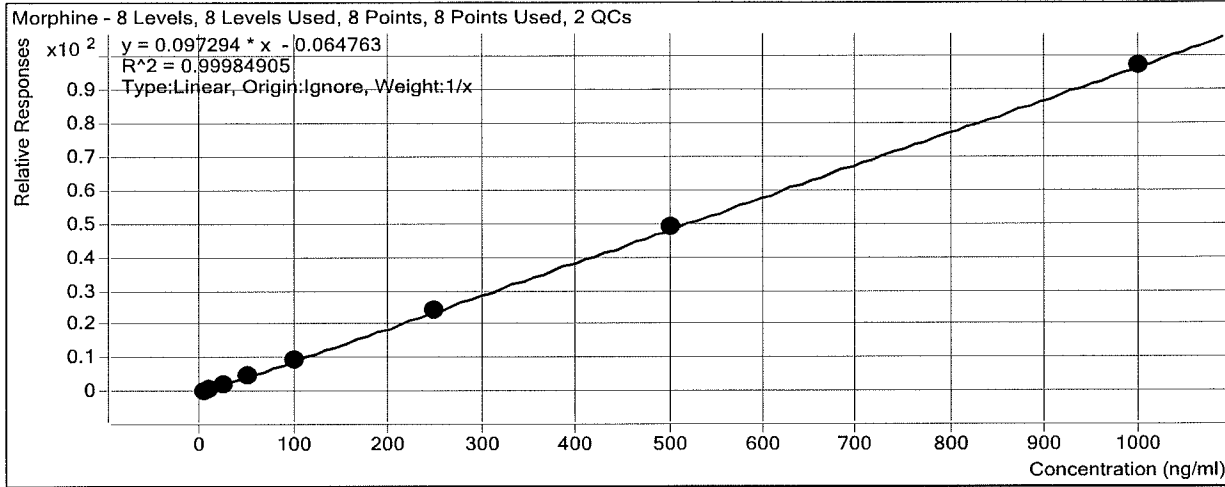


ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.4	107.8
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	8.6	86.4
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a qc 100	5	<input checked="" type="checkbox"/>	100	86.6	86.6
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	248.0	99.2
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	506.8	101.4
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	999.2	99.9

AW

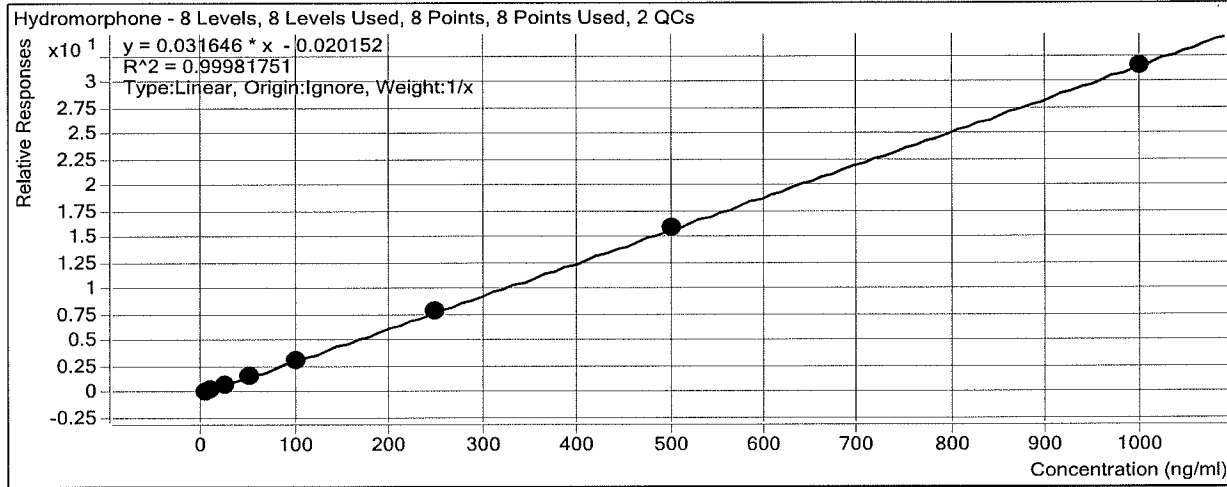
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

Analyst Name ISP TOX

Target Compound Hydromorphone
Internal Standard Hydromorphone-D6



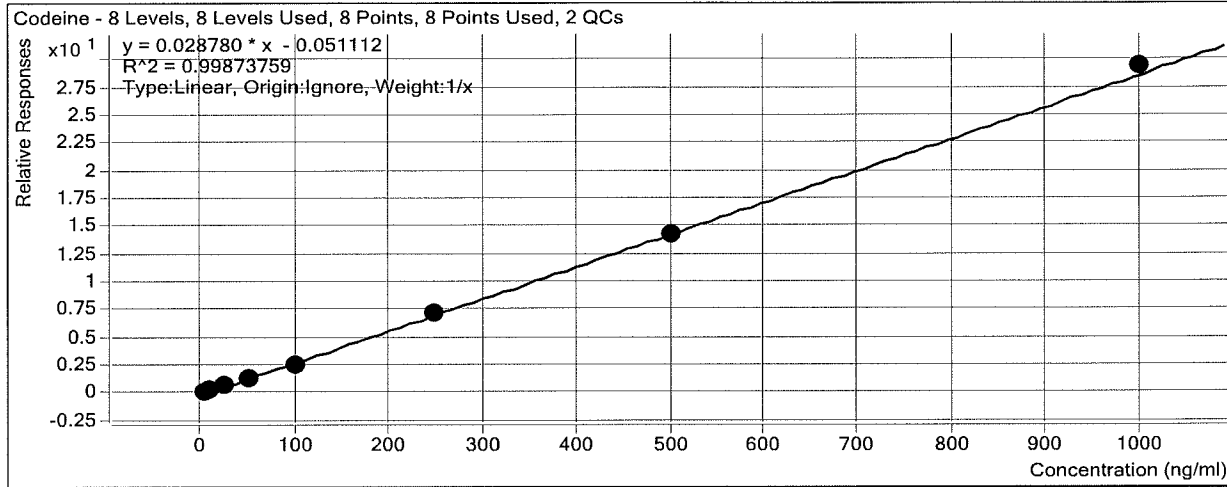
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.9
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.3
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.1
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a qc 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	253.1	101.3
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	505.5	101.1
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	995.6	99.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **Analyst Name** ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



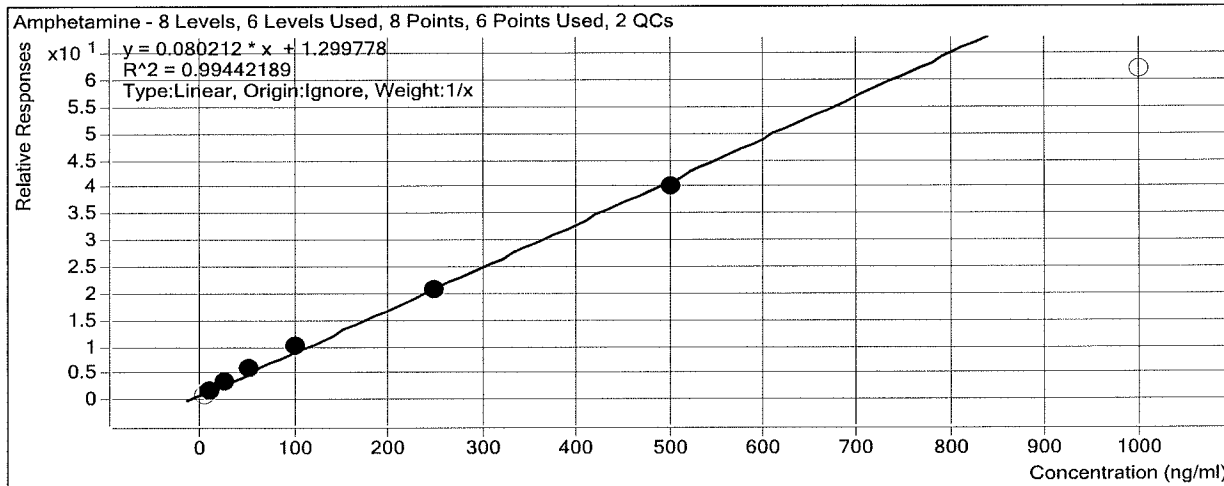
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	6.2	124.8
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.6
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.5
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a qc 100	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	247.5	99.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	493.6	98.7
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1022.5	102.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **Analyst Name** ISP TOX

Target Compound Amphetamine
Internal Standard Amphetamine-D11



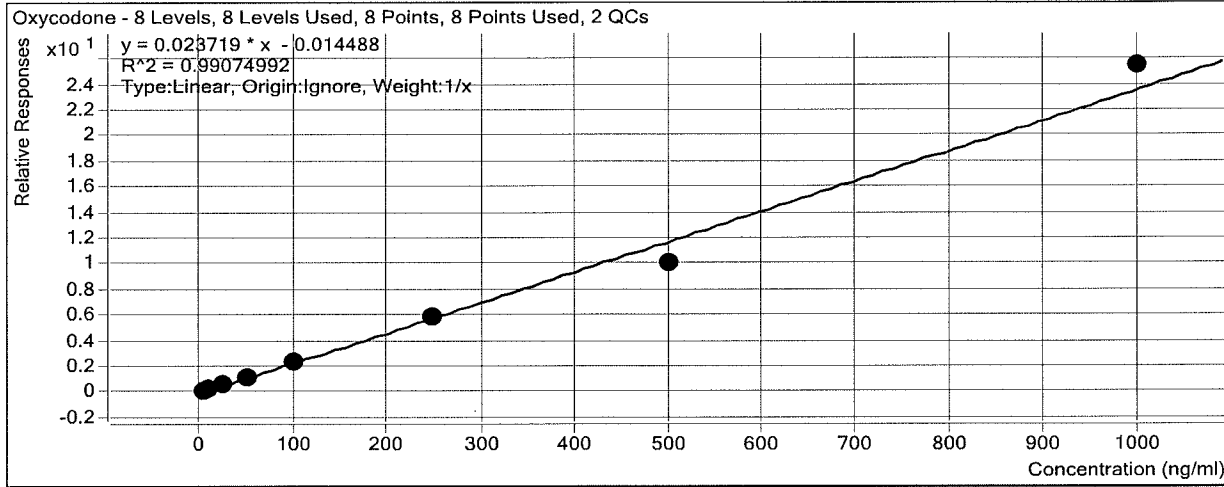
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input type="checkbox"/>	5	0.0	0.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	7.3	73.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.5
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.1
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	56.8	113.6
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	113.9	113.9
a qc 100	5	<input checked="" type="checkbox"/>	100	107.4	107.4
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	244.0	97.6
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	486.9	97.4
a cal 8 - 1000ng	8	<input type="checkbox"/>	1000	755.6	75.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



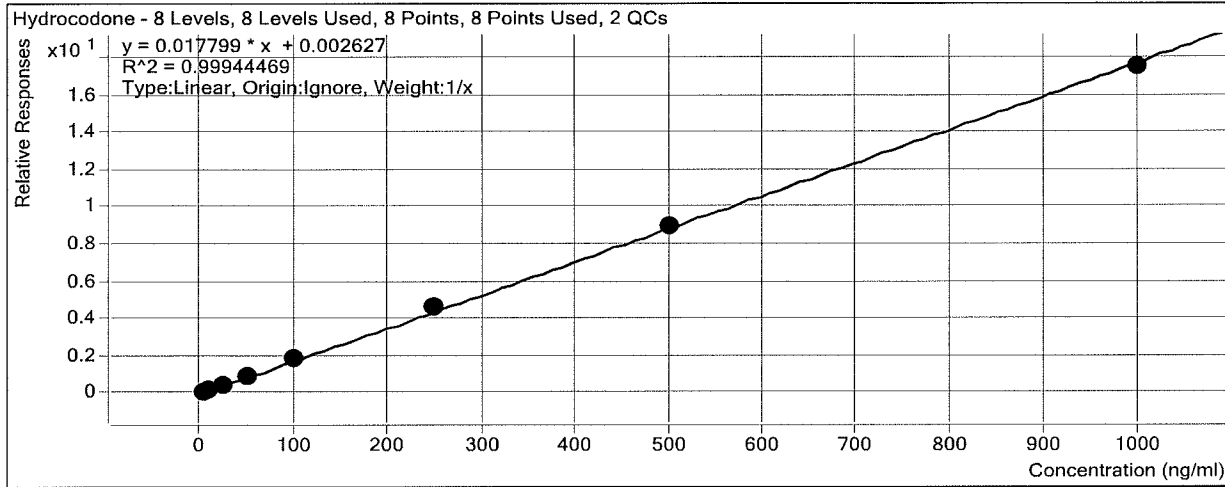
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.9
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.4	84.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.2
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.0	103.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a qc 100	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	248.2	99.3
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	427.4	85.5
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1074.1	107.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.0	100.2
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.9	89.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.3	105.3
a qc 100	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	256.7	102.7
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	505.3	101.1
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	982.3	98.2

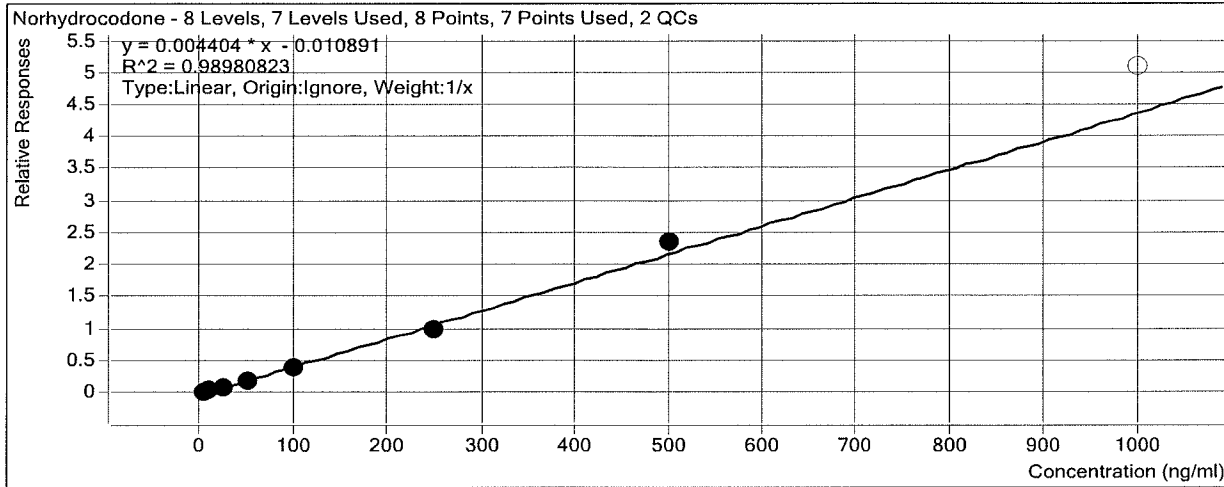
ISP

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **Analyst Name** ISP TOX

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



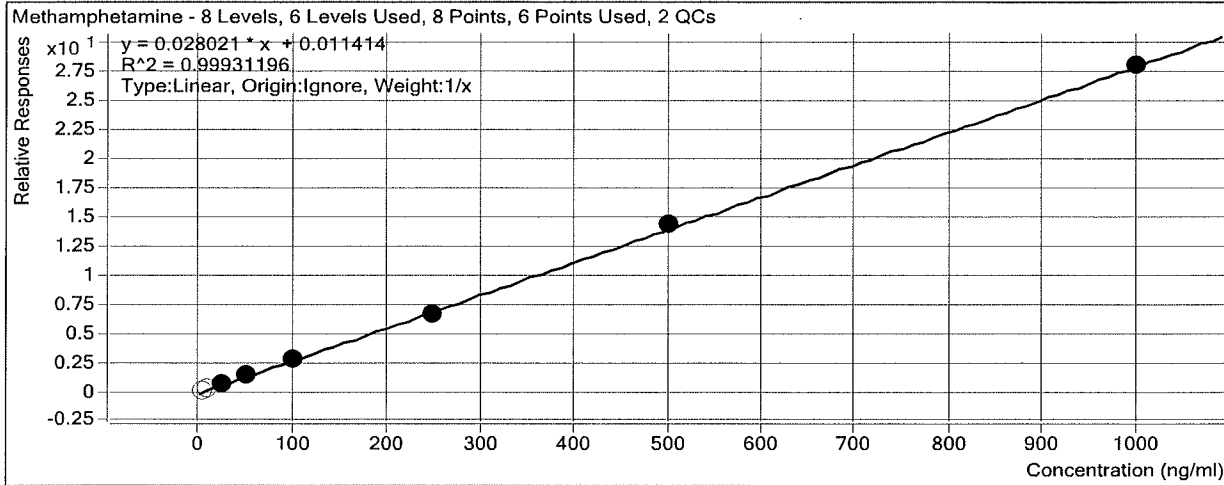
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	6.1	122.5
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	11.4	113.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.8
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	42.9	85.8
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	87.9	87.9
a qc 100	5	<input checked="" type="checkbox"/>	100	92.3	92.3
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	228.3	91.3
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	540.8	108.2
a cal 8 - 1000ng	8	<input type="checkbox"/>	1000	1156.2	115.6

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 3:41 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 type="checkbox"/>	5	6.0	119.8
a cal 2 - 10ng	2	<input type="checkbox"/>	10	10.4	103.6
a QC 10	2	<input checked="" type="checkbox"/>	10	12.4	124.1
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.7	103.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a qc 100	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	238.8	95.5
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	513.7	102.7
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	998.0	99.8

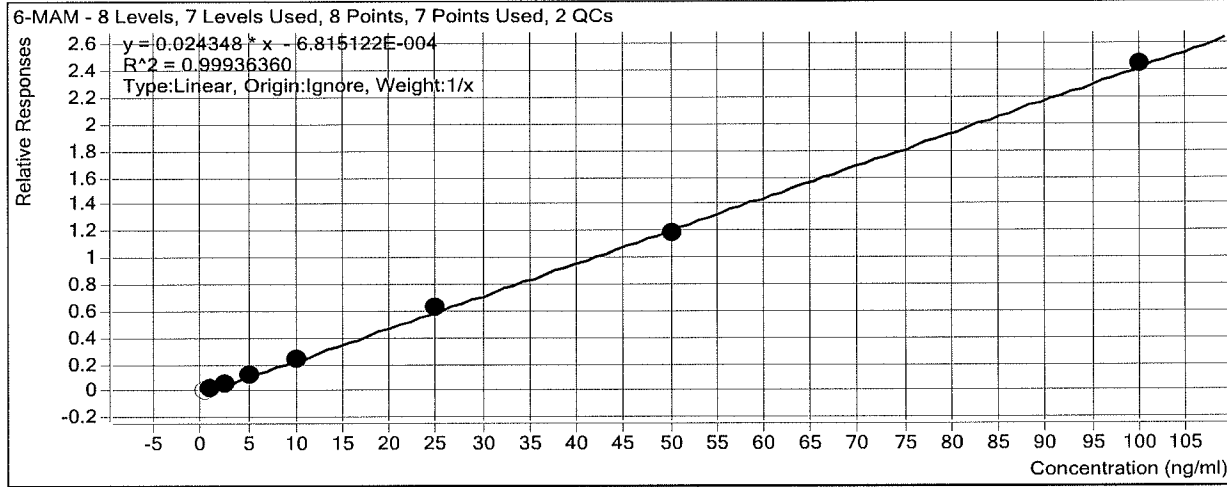
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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 type="checkbox"/>	0.5	0.6	119.3
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.3
a QC 10	2	<input checked="" type="checkbox"/>	1	0.9	91.0
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	96.6
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.8	98.3
a qc 100	5	<input checked="" type="checkbox"/>	10	10.2	101.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	26.2	104.7
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	48.6	97.1
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	100.5	100.5

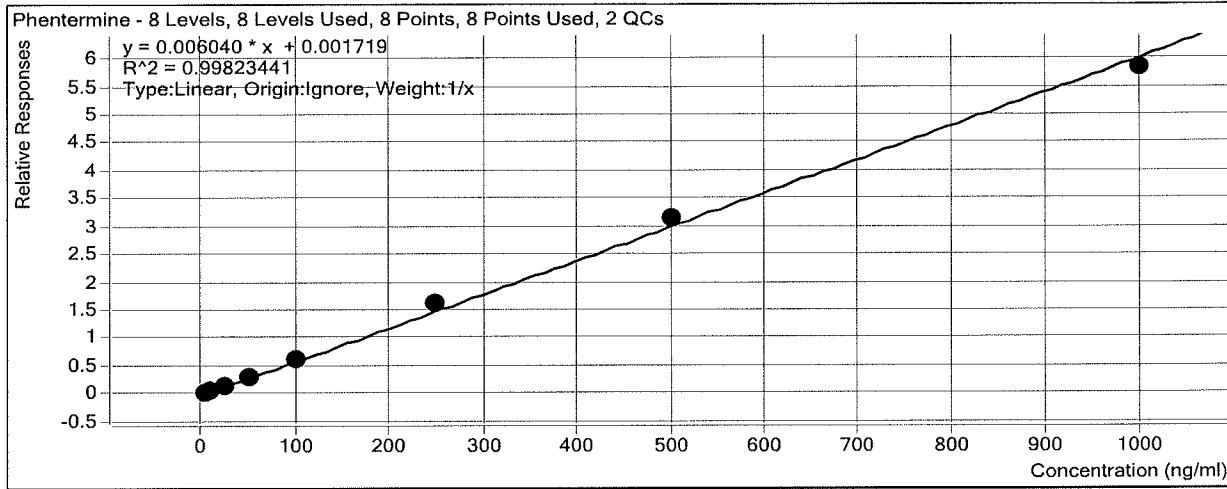
BW

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	4.8	95.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.7
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a qc 100	5	<input checked="" type="checkbox"/>	100	105.9	105.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	265.2	106.1
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	519.5	103.9
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	964.3	96.4

BT

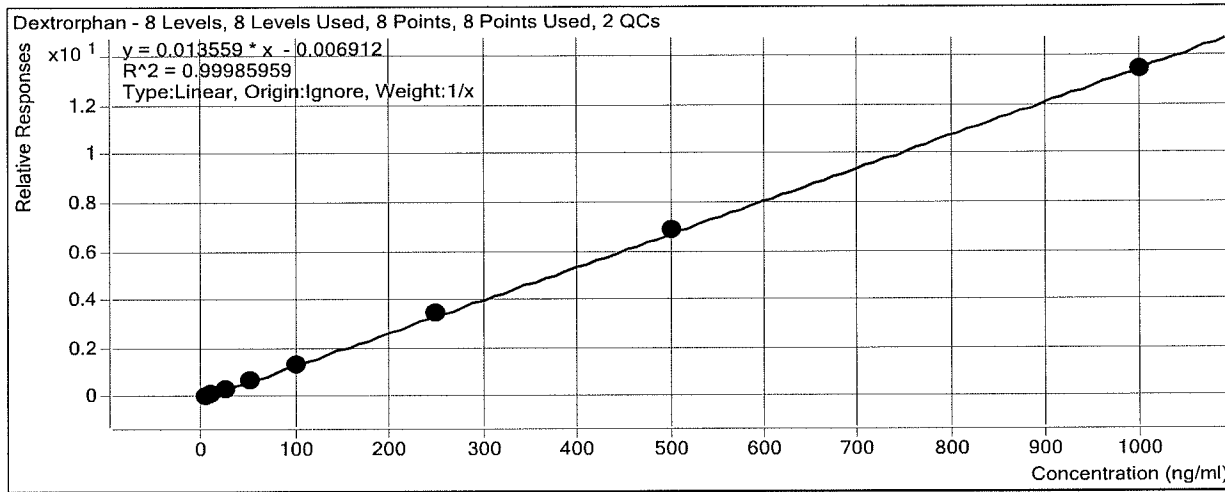
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	103.4
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a qc 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	253.9	101.5
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	505.8	101.2
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	990.6	99.1

ISP Forensics Calibration Curve Report

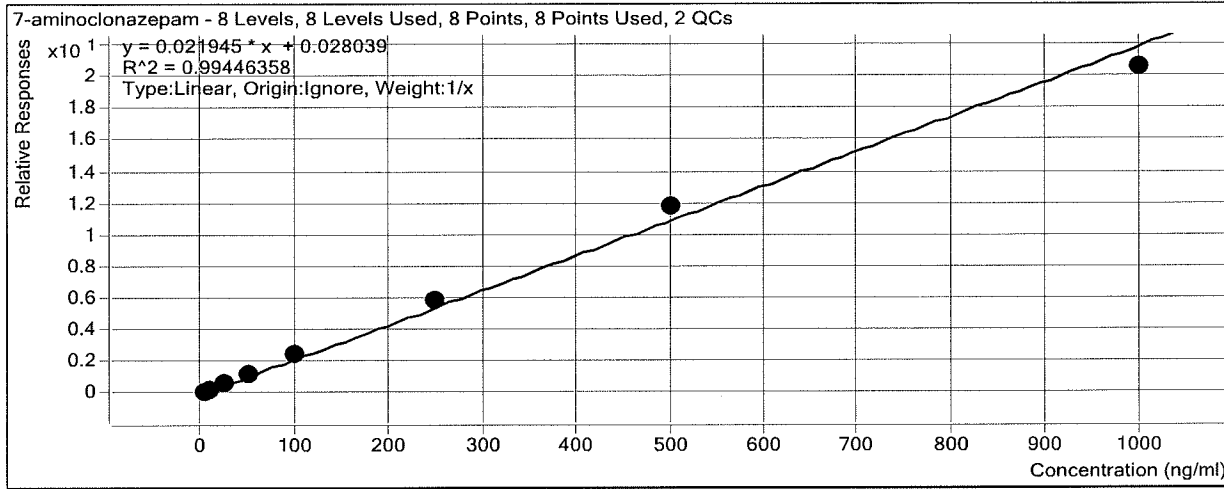
Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	4.2	84.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	112.2	112.2
a qc 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	265.0	106.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	536.5	107.3
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	934.4	93.4

ISP Forensics Calibration Curve Report

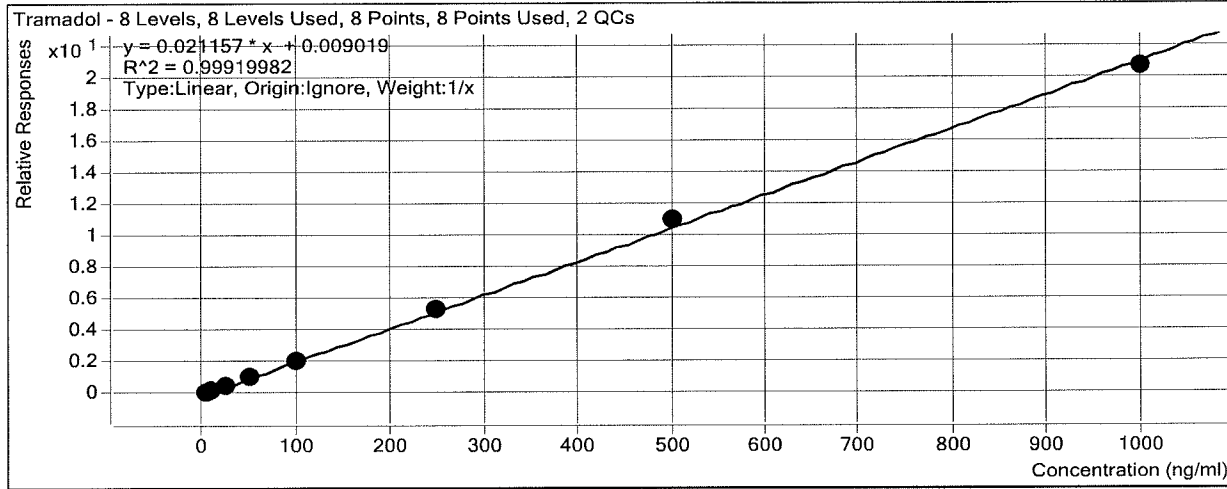
Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

Analyst Name ISP TOX

Target Compound *Tramadol*

Internal Standard *Tramadol-13C-D3*



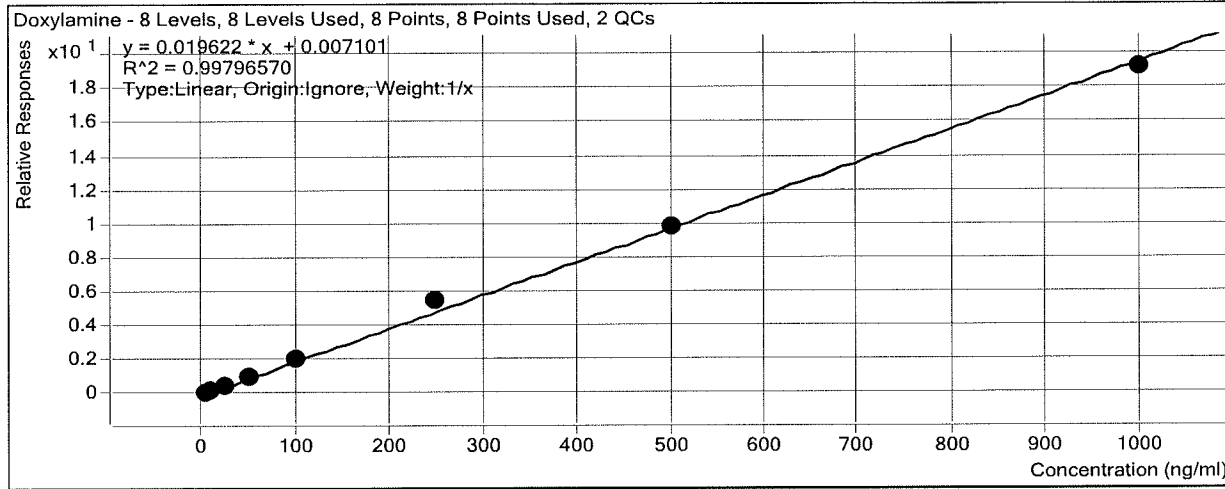
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a qc 100	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	252.6	101.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	520.2	104.0
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	977.2	97.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.4	109.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.0
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.6	97.2
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a qc 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	276.5	110.6
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	498.4	99.7
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	977.0	97.7

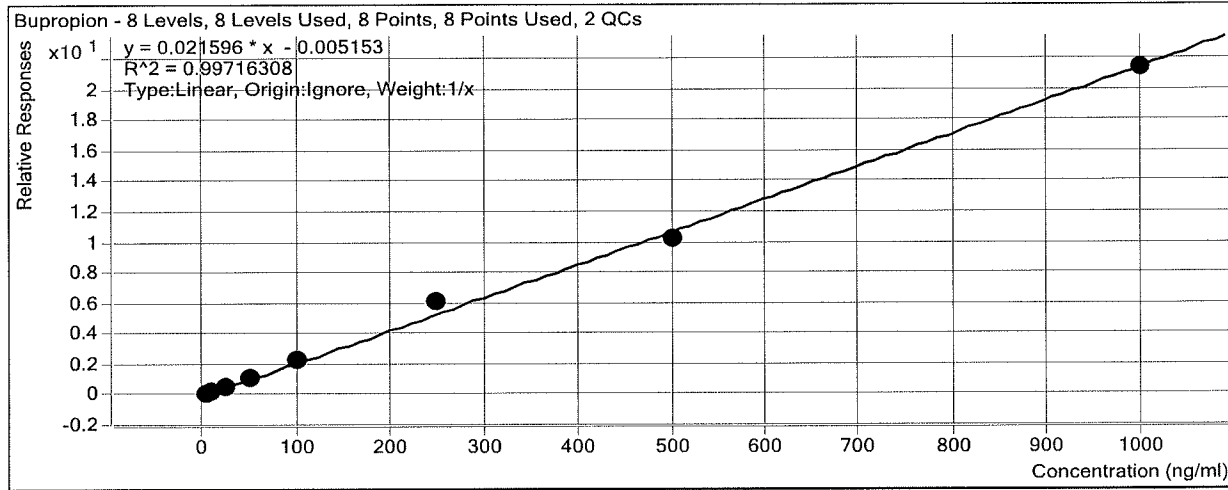
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	5.2	103.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.3
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.6
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.3
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a qc 100	5	<input checked="" type="checkbox"/>	100	97.9	97.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	279.8	111.9
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	477.1	95.4
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	990.7	99.1

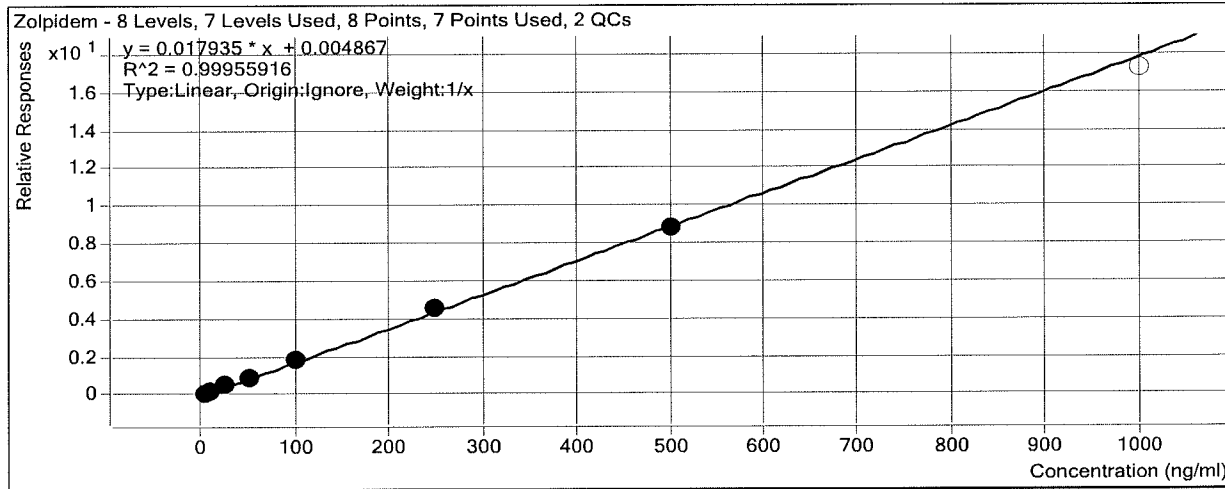
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	5.1	101.2
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.2
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
a qc 100	5	<input checked="" type="checkbox"/>	100	111.2	111.2
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	492.2	98.4
a cal 8 - 1000ng	8	<input type="checkbox"/>	1000	961.0	96.1

BAW

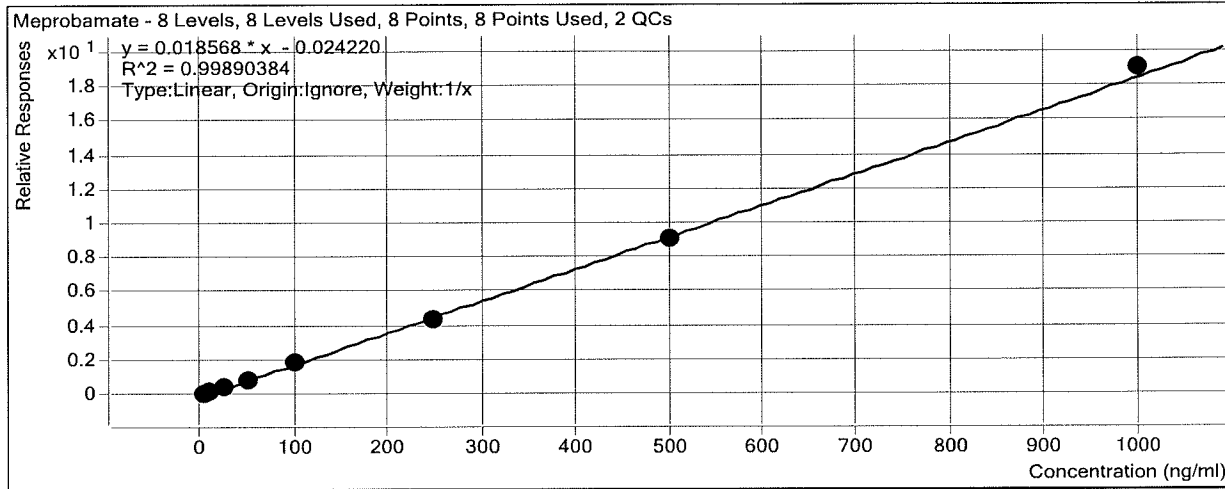
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	5.6	112.6
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.8	118.2
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.5	93.9
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.9
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a qc 100	5	<input checked="" type="checkbox"/>	100	105.2	105.2
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	235.0	94.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	492.4	98.5
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1024.5	102.5

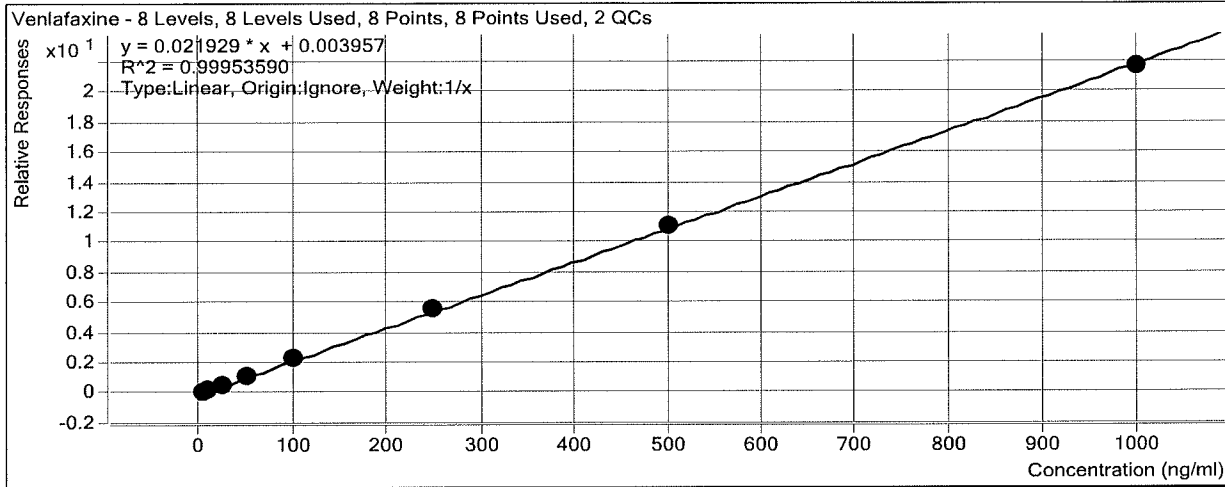
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	5.1	102.0
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.3
a QC 10	2	<input checked="" type="checkbox"/>	10	8.8	88.1
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.7
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a qc 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	251.1	100.4
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	507.0	101.4
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	985.8	98.6

ISP Forensics Calibration Curve Report

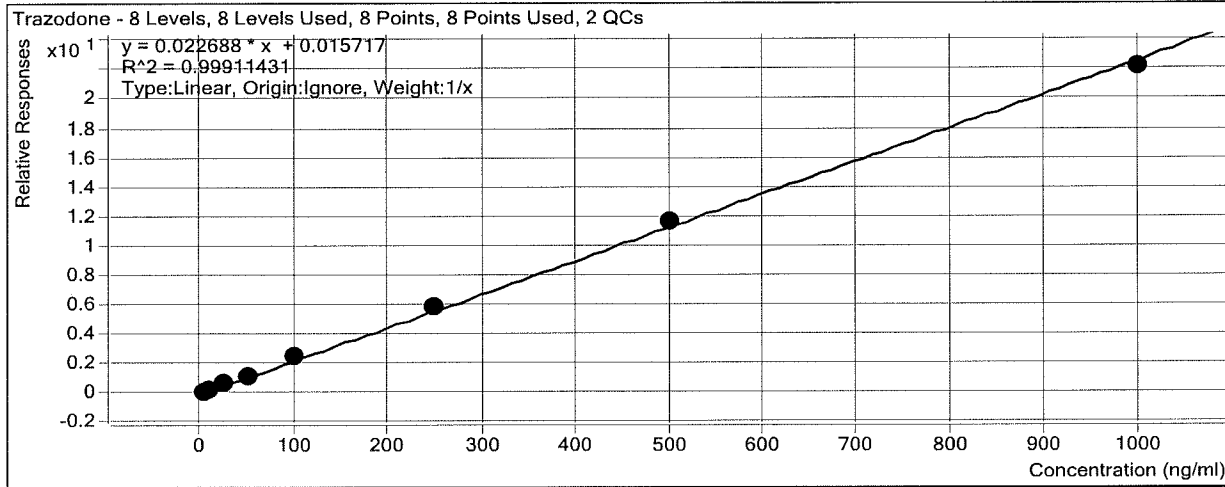
Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	4.6	91.3
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.0
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.7
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	254.8	101.9
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	513.8	102.8
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	975.1	97.5

[Handwritten Signature]

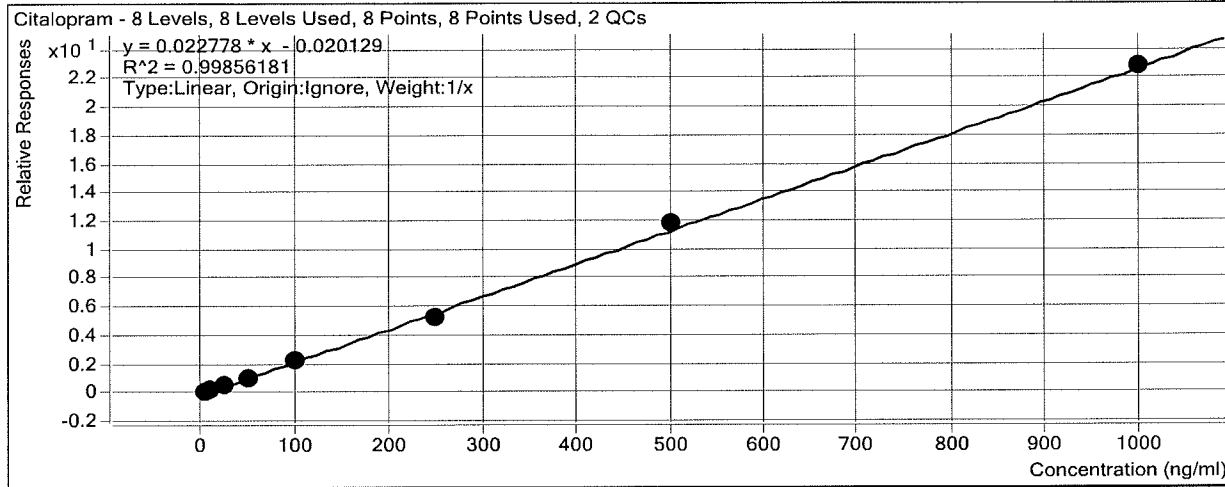
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

Analyst Name ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6



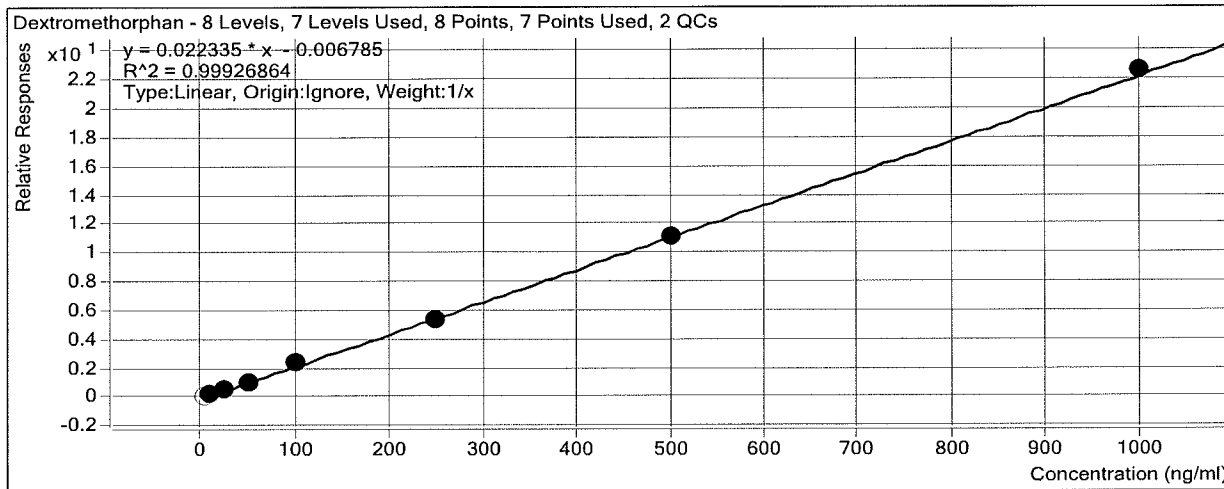
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	5.7	113.7
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.8
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.6
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.9
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a qc 100	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	231.2	92.5
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	521.0	104.2
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1000.7	100.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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 type="checkbox"/>	5	5.5	110.8
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.7
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.2
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.9
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	104.7	104.7
a qc 100	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	237.7	95.1
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	497.6	99.5
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1011.9	101.2

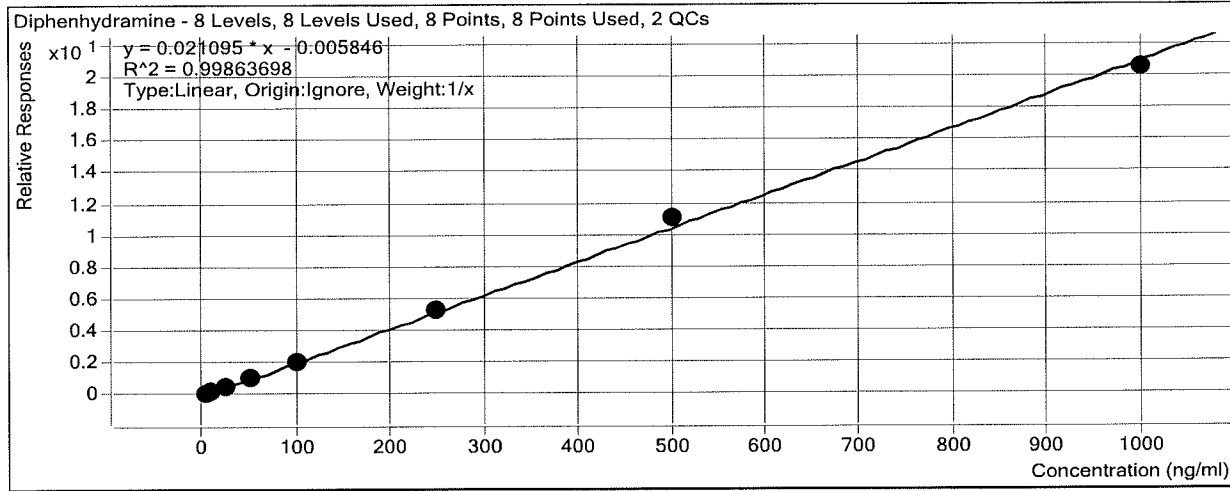
BT

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.3	106.2
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.0
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a qc 100	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	251.6	100.6
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	527.4	105.5
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	973.2	97.3

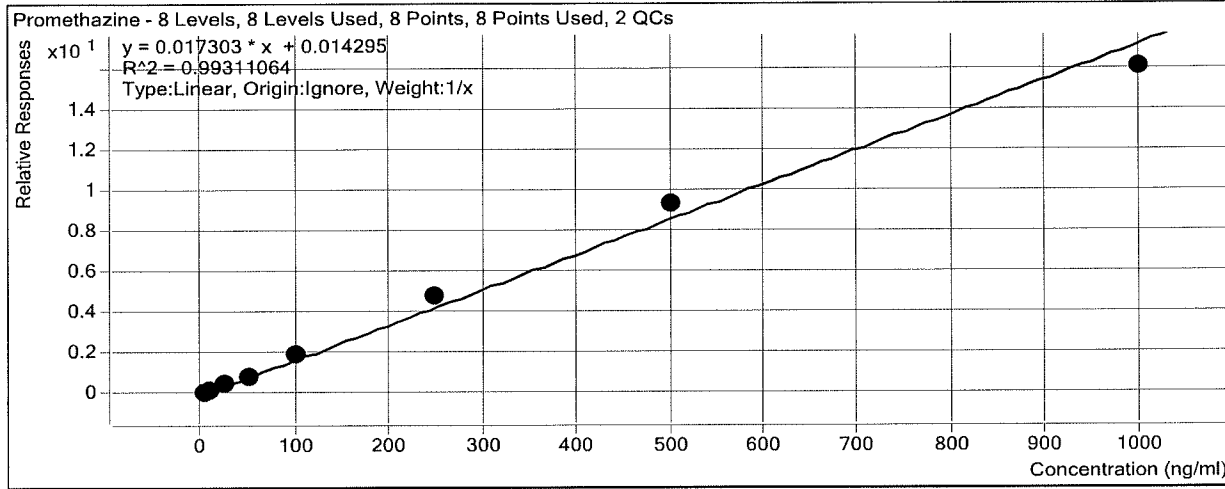
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

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	4.8	95.3
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.6
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	108.6	108.6
a qc 100	5	<input checked="" type="checkbox"/>	100	114.9	114.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	279.3	111.7
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	537.1	107.4
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	928.3	92.8

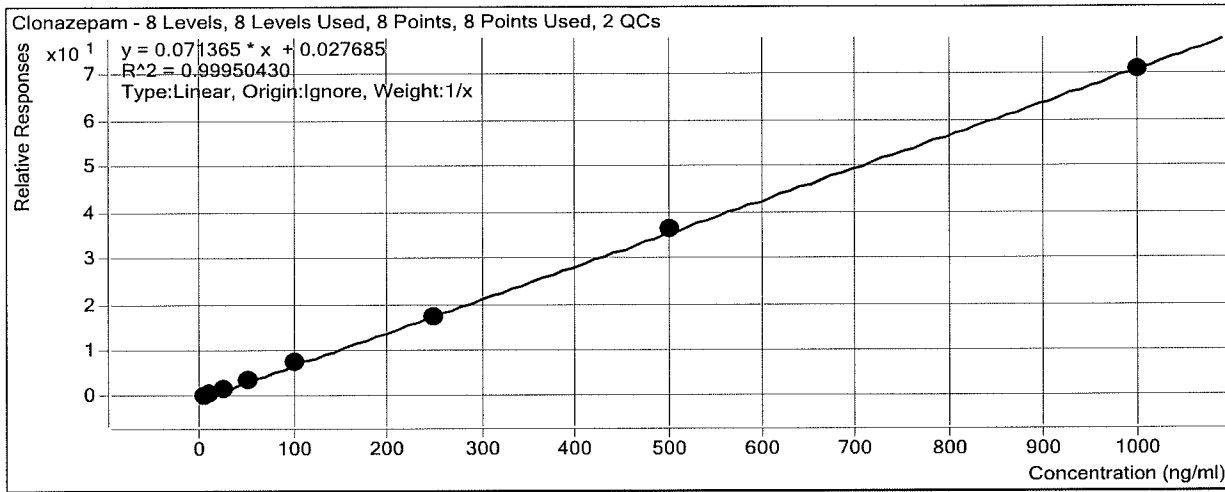
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

Analyst Name ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4



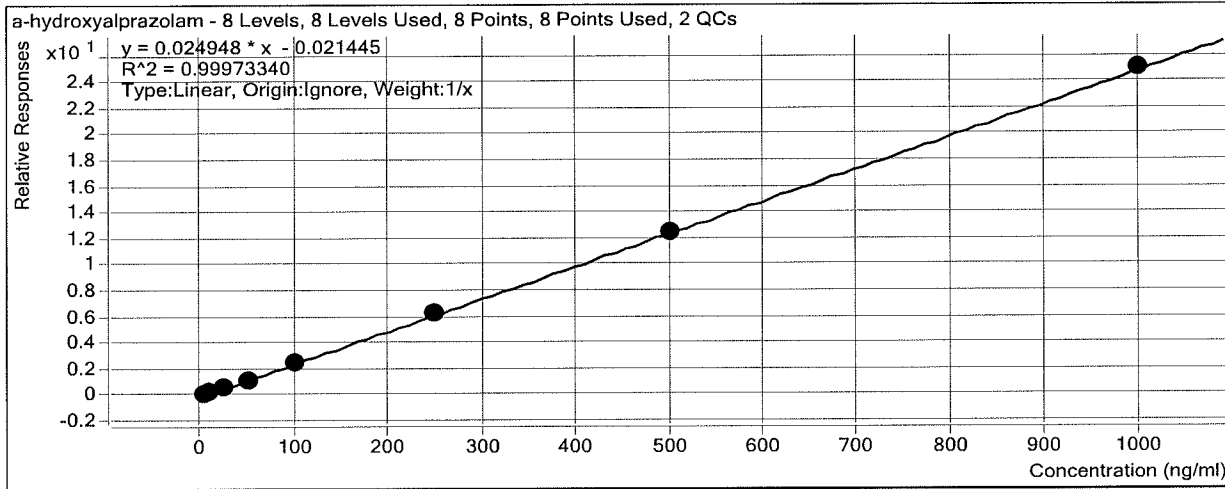
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.7
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.0
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.6
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a qc 100	5	<input checked="" type="checkbox"/>	100	116.5	116.5
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	244.9	98.0
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	509.9	102.0
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	992.3	99.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.8	116.9
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.9
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.3
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.5
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a qc 100	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	250.9	100.4
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	500.8	100.2
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1003.6	100.4

ISP

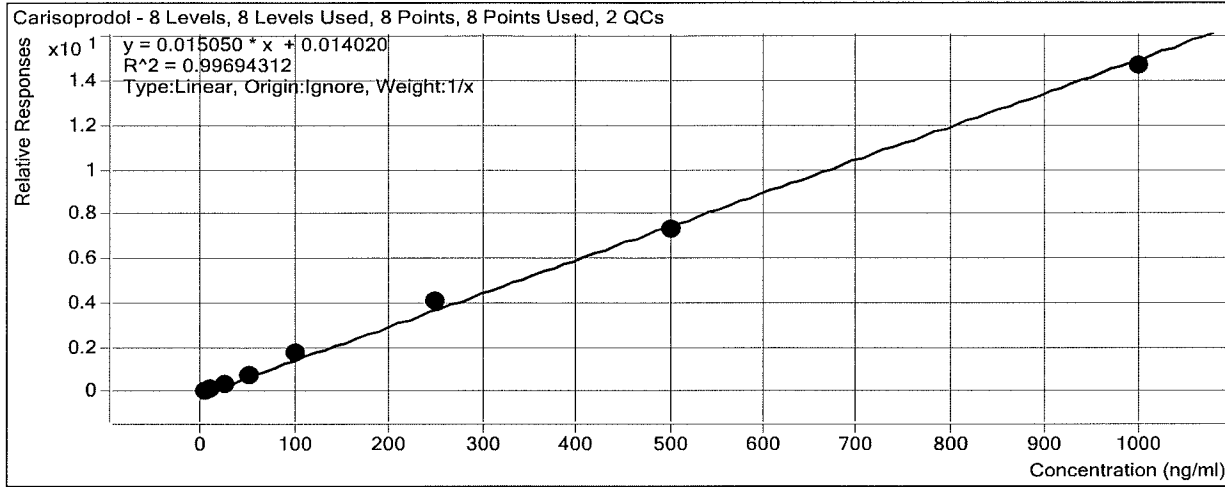
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM

Analyst Name ISP TOX

Target Compound Carisoprodol
Internal Standard Carisoprodol-D7



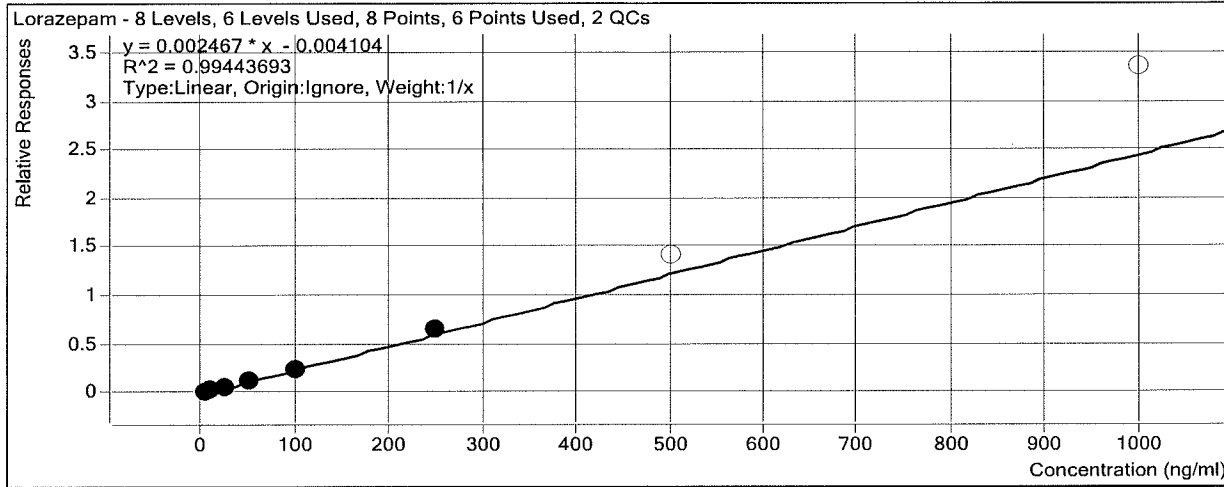
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.8
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.3	82.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.1
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.7
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.3
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	114.5	114.5
a qc 100	5	<input checked="" type="checkbox"/>	100	119.8	119.8
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	272.2	108.9
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	488.8	97.8
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	974.2	97.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Alprazolam-D5



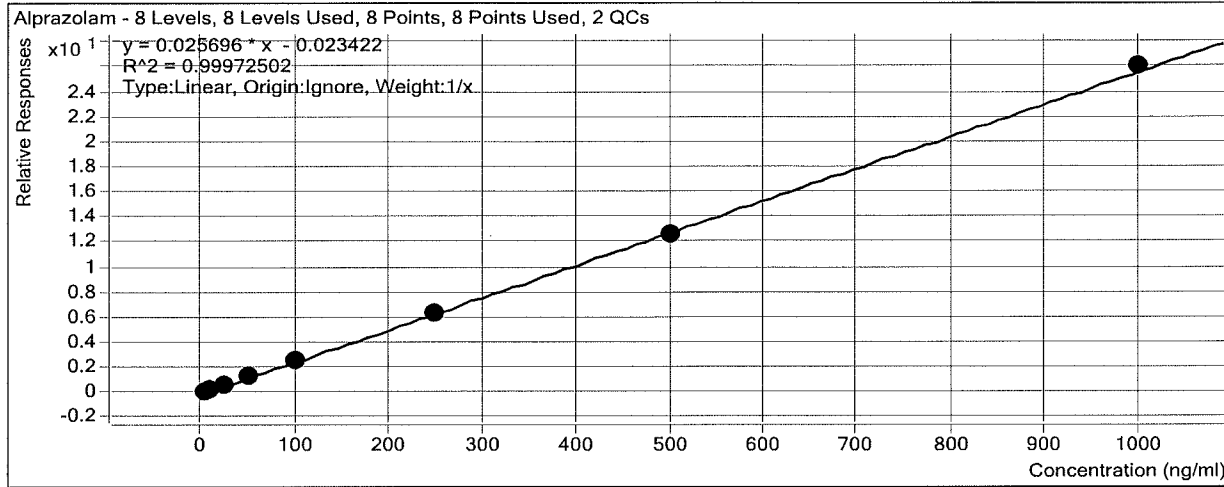
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a cal 1 - 5ng	1	<input checked="" type="checkbox"/>	5	6.2	124.2
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.5
a cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	22.4	89.5
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	45.3	90.6
a cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	94.4	94.4
a qc 100	5	<input checked="" type="checkbox"/>	100	86.7	86.7
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	262.1	104.8
a cal 7 - 500ng	7	<input type="checkbox"/>	500	571.5	114.3
a cal 8 - 1000ng	8	<input type="checkbox"/>	1000	1360.9	136.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin

Last Calib Update 3/10/2017 12:11 AM **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	5.6	112.7
a cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a cal 3 - 25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.4
a cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
a cal 5 - 100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a qc 100	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	246.0	98.4
a cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	492.7	98.5
a cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1012.6	101.3

ISP FORENSICS - Cd'A Instrument # 62340

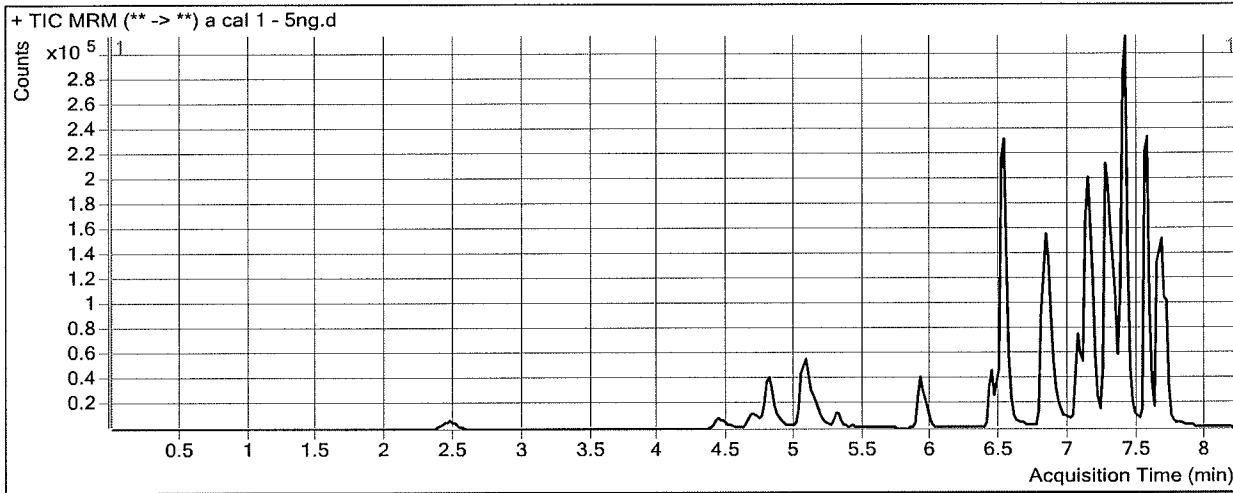
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 14:05 **Data File** a cal 1 - 5ng.d
Sample Type Calibration **Sample Name** a cal 1 - 5ng
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	1245	2709	0.4595	5.3884
Hydromorphone	Hydromorphone-D6	2.487	5746	37356	0.1538	5.4969
Codeine	Codeine-D6	4.493	2574	20037	0.1285	6.2396
Amphetamine	Amphetamine-D11	4.824	51901	45790	1.1334	0.0000
Oxycodone	Oxycodone-D6	4.830	13799	108044	0.1277	5.9956
Hydrocodone	Hydrocodone-D6	5.115	8961	97658	0.0918	5.0076
Norhydrocodone	Norhydrocodone-D3	5.159	658	40883	0.0161	6.1246
Methamphetamine	Methamphetamine-D11	5.182	22268	124267	0.1792	5.9877
6-MAM	6-MAM-D6	5.309	445	32157	0.0138	0.5964
Phentermine	Phentermine-D5	5.966	4372	143751	0.0304	4.7513
Dextroprphan	Dextroprphan-D3	6.441	8047	127395	0.0632	5.1686
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	11469	95433	0.1202	4.1987
Tramadol	Tramadol-13C-D3	6.521	74929	641222	0.1169	5.0969
Doxylamine	Doxylamine-D5	6.843	61778	541787	0.1140	5.4493
Bupropion	Bupropion-D9	7.091	23571	222165	0.1061	5.1515
Zolpidem	Zolpidem-D6	7.142	49063	513033	0.0956	5.0608
Meprobamate	Meprobamate-D7	7.173	5781	72002	0.0803	5.6283
Venlafaxine	Venlafaxine-D6	7.266	58684	506825	0.1158	5.0996
Trazodone	Trazodone-D6	7.336	33661	282106	0.1193	4.5665
Citalopram	Citalopram-D6	7.378	33839	309294	0.1094	5.6869
Dextromethorphan	Dextromethorphan-D3	7.388	8943	76473	0.1169	5.5396
Diphenhydramine	Diphenhydramine-D3	7.412	57724	543901	0.1061	5.3082
Promethazine	Promethazine-D3	7.567	60092	620936	0.0968	4.7669

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.583	5552	13027	0.4262	5.5839
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	2315	18612	0.1244	5.8457
Carisoprodol	Carisoprodol-D7	7.672	26738	316006	0.0846	4.6906
Lorazepam	Alprazolam-D5	7.683	2017	179742	0.0112	6.2107
Alprazolam	Alprazolam-D5	7.706	21810	179742	0.1213	5.6336



ISP FORENSICS - Cd'A Instrument # 62340

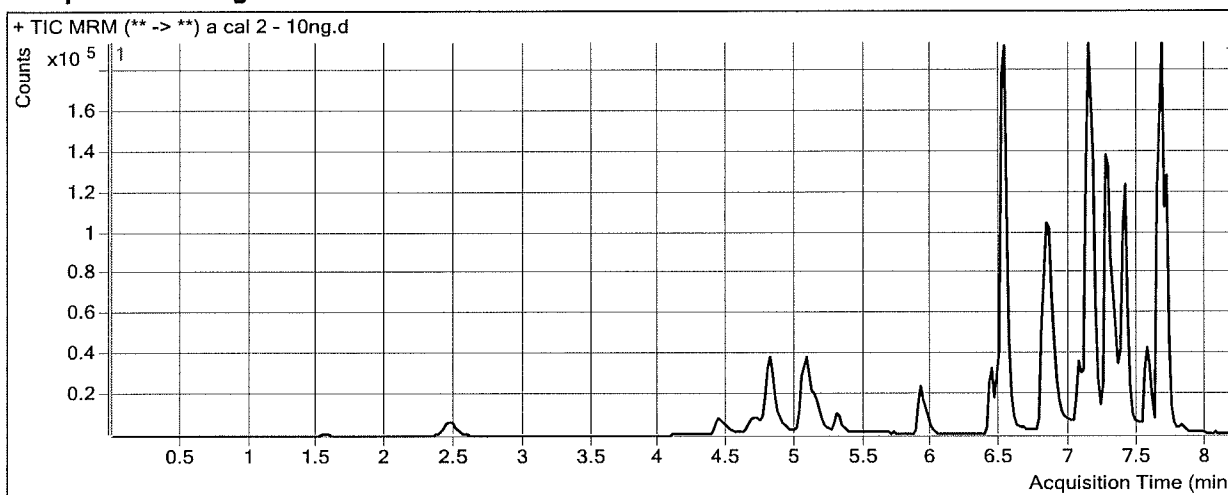
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 14:30 **Data File** a cal 2 - 10ng.d
Sample Type Calibration **Sample Name** a cal 2 - 10ng
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	2230	2513	0.8874	9.7869
Hydromorphone	Hydromorphone-D6	2.487	9588	32997	0.2906	9.8185
Codeine	Codeine-D6	4.493	4121	17425	0.2365	9.9942
Amphetamine	Amphetamine-D11	4.824	49064	25983	1.8883	7.3377
Oxycodone	Oxycodone-D6	4.830	18962	102127	0.1857	8.4388
Hydrocodone	Hydrocodone-D6	5.095	12125	75134	0.1614	8.9185
Norhydrocodone	Norhydrocodone-D3	5.179	1200	30655	0.0392	11.3618
Methamphetamine	Methamphetamine-D11	5.182	19468	64504	0.3018	10.3639
6-MAM	6-MAM-D6	5.309	661	27294	0.0242	1.0226
Phentermine	Phentermine-D5	5.966	5115	81685	0.0626	10.0843
Dextroprphan	Dextroprphan-D3	6.441	9809	80071	0.1225	9.5446
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	18280	82529	0.2215	8.8155
Tramadol	Tramadol-13C-D3	6.521	102305	485207	0.2108	9.5396
Doxylamine	Doxylamine-D5	6.843	73020	398939	0.1830	8.9663
Bupropion	Bupropion-D9	7.091	17820	92730	0.1922	9.1370
Zolpidem	Zolpidem-D6	7.162	75352	439871	0.1713	9.2801
Meprobamate	Meprobamate-D7	7.173	11894	71682	0.1659	10.2408
Venlafaxine	Venlafaxine-D6	7.266	64484	329963	0.1954	8.7313
Trazodone	Trazodone-D6	7.336	22643	95701	0.2366	9.7361
Citalopram	Citalopram-D6	7.378	21005	103430	0.2031	9.7992
Dextromethorphan	Dextromethorphan-D3	7.388	4075	18540	0.2198	10.1436
Diphenhydramine	Diphenhydramine-D3	7.412	31945	171553	0.1862	9.1045
Promethazine	Promethazine-D3	7.567	15113	90530	0.1669	8.8220

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.583	9442	14268	0.6618	8.8855
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	4314	20100	0.2146	9.4617
Carisoprodol	Carisoprodol-D7	7.672	46409	335759	0.1382	8.2529
Lorazepam	Alprazolam-D5	7.683	3488	177075	0.0197	9.6466
Alprazolam	Alprazolam-D5	7.706	38237	177075	0.2159	9.3149



ISP FORENSICS - Cd'A Instrument # 62340

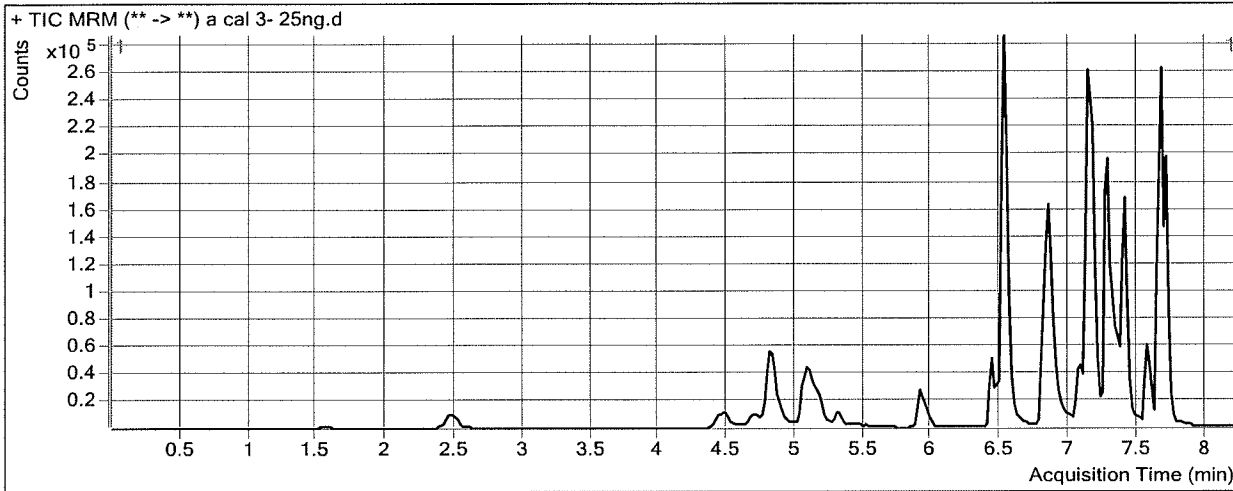
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin		
Analysis Time	3/10/2017 3:41 PM	Analyst Name	ISP Tox
Report Time	3/10/2017 3:46 PM	Reporter Name	ISP Tox
Last Calib Update	3/10/2017 3:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 14:56	Data File	a cal 3- 25ng.d
Sample Type	Calibration	Sample Name	a cal 3- 25ng
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-C1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	5727	2475	2.3140	24.4493
Hydromorphone	Hydromorphone-D6	2.487	24932	33993	0.7334	23.8130
Codeine	Codeine-D6	4.493	11204	18678	0.5999	22.6190
Amphetamine	Amphetamine-D11	4.844	92924	27426	3.3881	26.0351
Oxycodone	Oxycodone-D6	4.850	57436	95529	0.6012	25.9592
Hydrocodone	Hydrocodone-D6	5.115	37169	82408	0.4510	25.1927
Norhydrocodone	Norhydrocodone-D3	5.159	2961	33259	0.0890	22.6877
Methamphetamine	Methamphetamine-D11	5.182	50309	70021	0.7185	25.2339
6-MAM	6-MAM-D6	5.309	1719	29569	0.0581	2.4162
Phentermine	Phentermine-D5	5.966	13071	91315	0.1431	23.4163
Dextroprphan	Dextroprphan-D3	6.441	27192	82888	0.3281	24.7043
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	46276	78439	0.5900	25.6060
Tramadol	Tramadol-13C-D3	6.521	296522	562279	0.5274	24.4995
Doxylamine	Doxylamine-D5	6.843	207682	440076	0.4719	23.6890
Bupropion	Bupropion-D9	7.091	47927	94809	0.5055	23.6461
Zolpidem	Zolpidem-D6	7.162	218778	472301	0.4632	25.5560
Meprobamate	Meprobamate-D7	7.173	29369	71359	0.4116	23.4699
Venlafaxine	Venlafaxine-D6	7.286	194198	342584	0.5669	25.6691
Trazodone	Trazodone-D6	7.336	63101	105145	0.6001	25.7592
Citalopram	Citalopram-D6	7.378	54430	102697	0.5300	24.1517
Dextromethorphan	Dextromethorphan-D3	7.408	10493	18242	0.5752	26.0583
Diphenhydramine	Diphenhydramine-D3	7.412	85713	158991	0.5391	25.8335
Promethazine	Promethazine-D3	7.567	41453	93362	0.4440	24.8341

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	23324	13865	1.6822	23.1842
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	10996	19196	0.5728	23.8200
Carisoprodol	Carisoprodol-D7	7.672	120399	306387	0.3930	25.1797
Lorazepam	Alprazolam-D5	7.703	8711	170422	0.0511	22.3782
Alprazolam	Alprazolam-D5	7.706	102670	170422	0.6024	24.3563



ISP FORENSICS - Cd'A Instrument # 62340

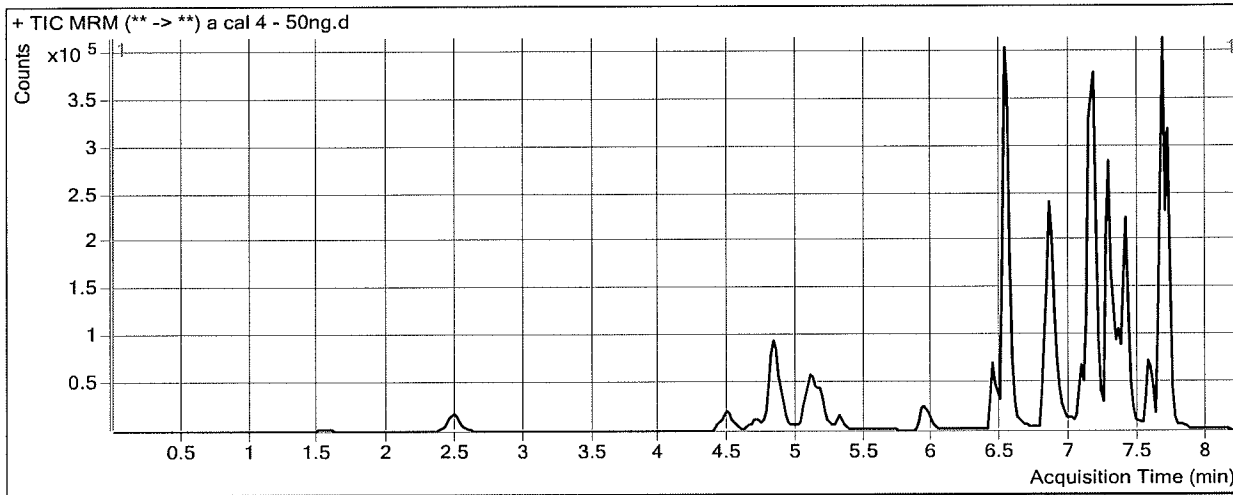
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin		
Analysis Time	3/10/2017 3:41 PM	Analyst Name	ISP Tox
Report Time	3/10/2017 3:46 PM	Reporter Name	ISP Tox
Last Calib Update	3/10/2017 3:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 15:21	Data File	a cal 4 - 50ng.d
Sample Type	Calibration	Sample Name	a cal 4 - 50ng
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-D1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	12188	2555	4.7709	49.7018
Hydromorphone	Hydromorphone-D6	2.487	54989	36646	1.5005	48.0525
Codeine	Codeine-D6	4.493	23927	18281	1.3088	47.2540
Amphetamine	Amphetamine-D11	4.844	167067	28535	5.8548	56.7868
Oxycodone	Oxycodone-D6	4.850	131792	113071	1.1656	49.7515
Hydrocodone	Hydrocodone-D6	5.115	83287	90935	0.9159	51.3086
Norhydrocodone	Norhydrocodone-D3	5.179	6193	34789	0.1780	42.8906
Methamphetamine	Methamphetamine-D11	5.182	99988	68442	1.4609	51.7295
6-MAM	6-MAM-D6	5.329	3799	31211	0.1217	5.0268
Phentermine	Phentermine-D5	5.987	27568	88543	0.3114	51.2673
Dextroprphan	Dextroprphan-D3	6.441	54585	80908	0.6747	50.2666
7-aminoclonazepam	7-Aminoclonazepam-D4	6.535	108653	90807	1.1965	53.2466
Tramadol	Tramadol-13C-D3	6.540	620819	570814	1.0876	50.9798
Doxylamine	Doxylamine-D5	6.843	415352	432184	0.9611	48.6170
Bupropion	Bupropion-D9	7.091	86994	80712	1.0778	50.1471
Zolpidem	Zolpidem-D6	7.162	460644	507117	0.9084	50.3756
Meprobamate	Meprobamate-D7	7.173	63596	74238	0.8567	47.4409
Venlafaxine	Venlafaxine-D6	7.286	381522	340056	1.1219	50.9810
Trazodone	Trazodone-D6	7.336	115996	101176	1.1465	49.8401
Citalopram	Citalopram-D6	7.378	106898	100815	1.0603	47.4340
Dextromethorphan	Dextromethorphan-D3	7.408	19116	18350	1.0417	46.9450
Diphenhydramine	Diphenhydramine-D3	7.412	154171	151773	1.0158	48.4315
Promethazine	Promethazine-D3	7.567	69698	82072	0.8492	48.2540

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	50138	13331	3.7610	52.3124
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	23515	20545	1.1445	46.7361
Carisoprodol	Carisoprodol-D7	7.672	251884	315161	0.7992	52.1743
Lorazepam	Alprazolam-D5	7.703	19007	176555	0.1077	45.2930
Alprazolam	Alprazolam-D5	7.706	218996	176555	1.2404	49.1822



ISP FORENSICS - Cd'A Instrument # 62340

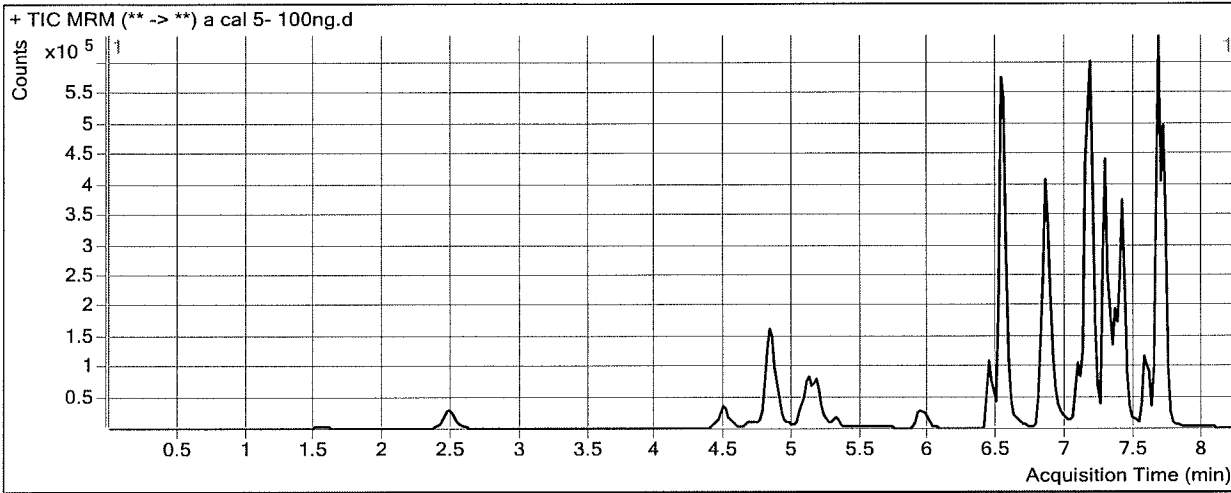
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin		
Analysis Time	3/10/2017 3:41 PM	Analyst Name	ISP Tox
Report Time	3/10/2017 3:46 PM	Reporter Name	ISP Tox
Last Calib Update	3/10/2017 3:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 15:46	Data File	a cal 5- 100ng.d
Sample Type	Calibration	Sample Name	a cal 5- 100ng
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	24076	2577	9.3413	96.6772
Hydromorphone	Hydromorphone-D6	2.487	108268	34919	3.1005	98.6103
Codeine	Codeine-D6	4.493	44840	17597	2.5482	90.3171
Amphetamine	Amphetamine-D11	4.844	298062	28556	10.4377	113.9219
Oxycodone	Oxycodone-D6	4.850	257780	109148	2.3618	100.1829
Hydrocodone	Hydrocodone-D6	5.115	154970	82560	1.8771	105.3094
Norhydrocodone	Norhydrocodone-D3	5.179	12029	31972	0.3762	87.8908
Methamphetamine	Methamphetamine-D11	5.182	194501	70866	2.7446	97.5426
6-MAM	6-MAM-D6	5.329	7006	29361	0.2386	9.8284
Phentermine	Phentermine-D5	5.966	53661	87269	0.6149	101.5259
Dextroprphan	Dextroprphan-D3	6.441	106417	78837	1.3498	100.0626
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	221082	88779	2.4903	112.2010
Tramadol	Tramadol-13C-D3	6.540	1137493	535857	2.1228	99.9067
Doxylamine	Doxylamine-D5	6.843	834738	418073	1.9966	101.3940
Bupropion	Bupropion-D9	7.091	175596	78136	2.2473	104.2995
Zolpidem	Zolpidem-D6	7.162	894717	485035	1.8446	102.5796
Meprobamate	Meprobamate-D7	7.193	134070	72184	1.8573	101.3341
Venlafaxine	Venlafaxine-D6	7.286	751859	323986	2.3207	105.6436
Trazodone	Trazodone-D6	7.336	252665	103999	2.4295	106.3909
Citalopram	Citalopram-D6	7.378	228730	101270	2.2586	100.0403
Dextromethorphan	Dextromethorphan-D3	7.408	41168	17662	2.3308	104.6623
Diphenhydramine	Diphenhydramine-D3	7.412	337386	161750	2.0858	99.1571
Promethazine	Promethazine-D3	7.567	151365	79923	1.8939	108.6289

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	99290	13465	7.3739	102.9382
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	47092	19268	2.4441	98.8251
Carisoprodol	Carisoprodol-D7	7.672	504094	290120	1.7375	114.5225
Lorazepam	Alprazolam-D5	7.703	37396	163448	0.2288	94.3867
Alprazolam	Alprazolam-D5	7.706	416918	163448	2.5508	100.1771

ISP FORENSICS - Cd'A Instrument # 62340

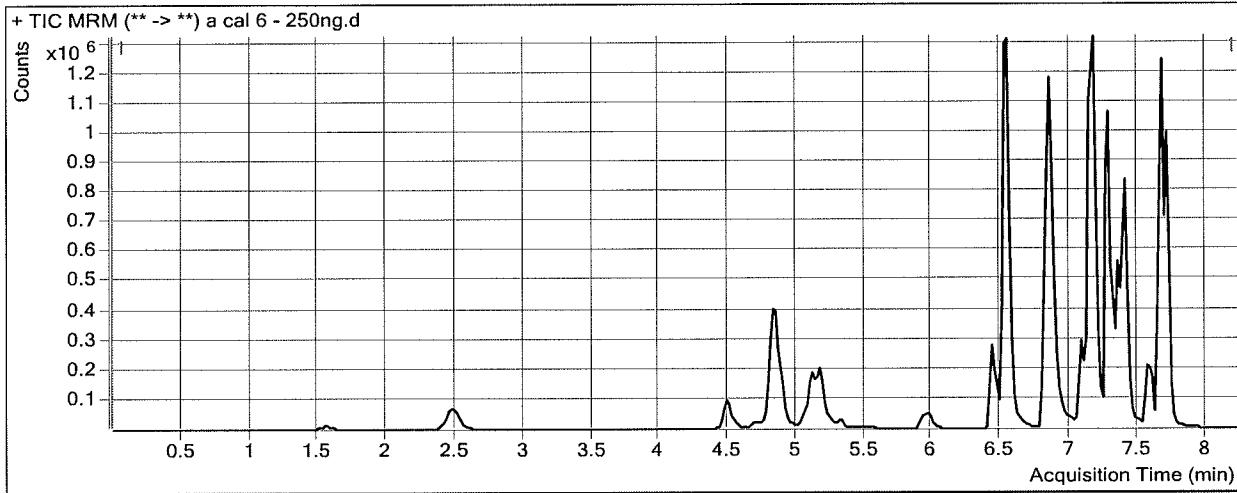
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin		
Analysis Time	3/10/2017 3:41 PM	Analyst Name	ISP Tox
Report Time	3/10/2017 3:46 PM	Reporter Name	ISP Tox
Last Calib Update	3/10/2017 3:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 16:12	Data File	a cal 6 - 250ng.d
Sample Type	Calibration	Sample Name	a cal 6 - 250ng
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	60107	2498	24.0664	248.0229
Hydromorphone	Hydromorphone-D6	2.487	278779	34888	7.9907	253.1372
Codeine	Codeine-D6	4.493	122027	17255	7.0719	247.5023
Amphetamine	Amphetamine-D11	4.844	768225	36805	20.8731	244.0196
Oxycodone	Oxycodone-D6	4.850	685729	116746	5.8737	248.2458
Hydrocodone	Hydrocodone-D6	5.115	422826	92484	4.5719	256.7076
Norhydrocodone	Norhydrocodone-D3	5.179	33379	33560	0.9946	228.2886
Methamphetamine	Methamphetamine-D11	5.182	493009	73551	6.7030	238.8078
6-MAM	6-MAM-D6	5.329	19404	30483	0.6366	26.1719
Phentermine	Phentermine-D5	5.966	167725	104606	1.6034	265.1998
Dextroprphan	Dextroprphan-D3	6.441	309169	89996	3.4353	253.8724
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	475510	81366	5.8441	265.0320
Tramadol	Tramadol-13C-D3	6.540	3370809	629639	5.3536	252.6123
Doxylamine	Doxylamine-D5	6.843	2432130	447751	5.4319	276.4673
Bupropion	Bupropion-D9	7.091	596033	98709	6.0383	279.8389
Zolpidem	Zolpidem-D6	7.162	2387358	521463	4.5782	254.9927
Meprobamate	Meprobamate-D7	7.193	301054	69377	4.3394	235.0101
Venlafaxine	Venlafaxine-D6	7.286	2264190	410900	5.5103	251.0958
Trazodone	Trazodone-D6	7.336	740676	127756	5.7976	254.8456
Citalopram	Citalopram-D6	7.378	574800	109552	5.2468	231.2270
Dextromethorphan	Dextromethorphan-D3	7.408	99456	18761	5.3013	237.6605
Diphenhydramine	Diphenhydramine-D3	7.412	890246	167924	5.3015	251.5953
Promethazine	Promethazine-D3	7.567	359521	74171	4.8472	279.3097

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	242754	13869	17.5040	244.8866
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	117824	18886	6.2388	250.9275
Carisoprodol	Carisoprodol-D7	7.672	1128038	274383	4.1112	272.2436
Lorazepam	Alprazolam-D5	7.703	95575	148736	0.6426	262.0847
Alprazolam	Alprazolam-D5	7.706	936889	148736	6.2990	246.0434



ISP FORENSICS - Cd'A Instrument # 62340

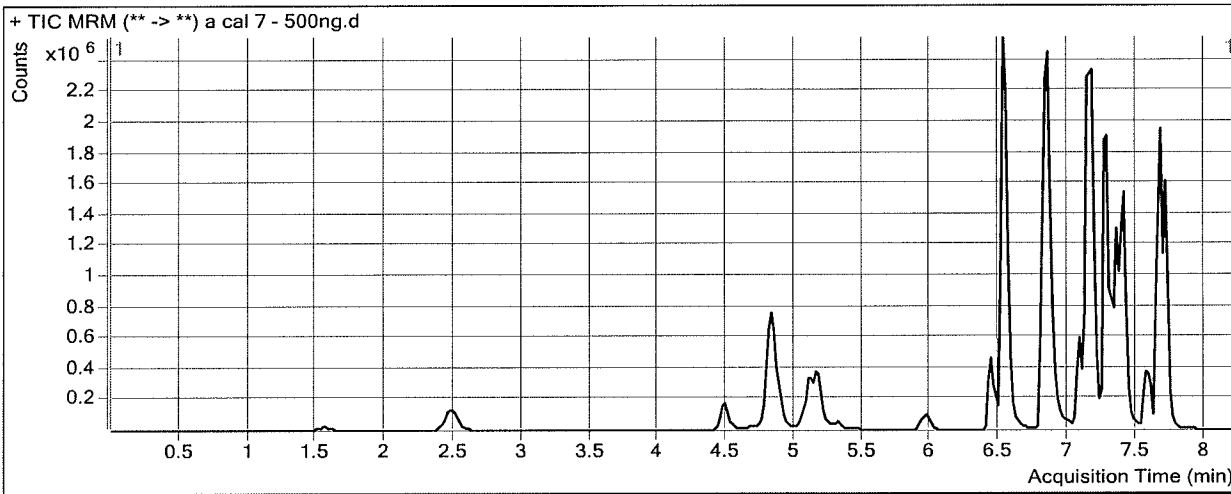
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 16:37 **Data File** a cal 7 - 500ng.d
Sample Type Calibration **Sample Name** a cal 7 - 500ng
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	118724	2411	49.2419	506.7800
Hydromorphone	Hydromorphone-D6	2.487	561317	35134	15.9765	505.4815
Codeine	Codeine-D6	4.493	243661	17216	14.1533	493.5555
Amphetamine	Amphetamine-D11	4.824	1366722	33867	40.3550	486.8989
Oxycodone	Oxycodone-D6	4.830	1239509	122453	10.1223	427.3687
Hydrocodone	Hydrocodone-D6	5.095	826359	91858	8.9960	505.2641
Norhydrocodone	Norhydrocodone-D3	5.159	66560	28074	2.3709	540.7558
Methamphetamine	Methamphetamine-D11	5.182	1075736	74673	14.4059	513.7099
6-MAM	6-MAM-D6	5.309	37824	32014	1.1815	48.5521
Phentermine	Phentermine-D5	5.966	326223	103917	3.1393	519.4994
Dextroprphan	Dextroprphan-D3	6.441	577669	84311	6.8516	505.8294
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	952632	80721	11.8015	536.5029
Tramadol	Tramadol-13C-D3	6.521	6671927	605712	11.0150	520.2036
Doxylamine	Doxylamine-D5	6.843	5242033	535648	9.7863	498.3872
Bupropion	Bupropion-D9	7.091	1160230	112667	10.2979	477.0794
Zolpidem	Zolpidem-D6	7.142	4703783	532601	8.8317	492.1551
Meprobamate	Meprobamate-D7	7.173	588737	64568	9.1181	492.3744
Venlafaxine	Venlafaxine-D6	7.286	4586059	412361	11.1215	506.9704
Trazodone	Trazodone-D6	7.336	1762070	150968	11.6718	513.7620
Citalopram	Citalopram-D6	7.378	1215161	102571	11.8470	520.9829
Dextromethorphan	Dextromethorphan-D3	7.408	209112	18827	11.1070	497.6060
Diphenhydramine	Diphenhydramine-D3	7.412	1879300	169007	11.1197	527.4080
Promethazine	Promethazine-D3	7.567	696208	74803	9.3073	537.0724

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	451589	12400	36.4174	509.9111
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	228396	18311	12.4732	500.8219
Carisoprodol	Carisoprodol-D7	7.672	1743965	236633	7.3699	488.7765
Lorazepam	Alprazolam-D5	7.683	182513	129808	1.4060	571.4841
Alprazolam	Alprazolam-D5	7.706	1640311	129808	12.6364	492.6697



ISP FORENSICS - Cd'A Instrument # 62340

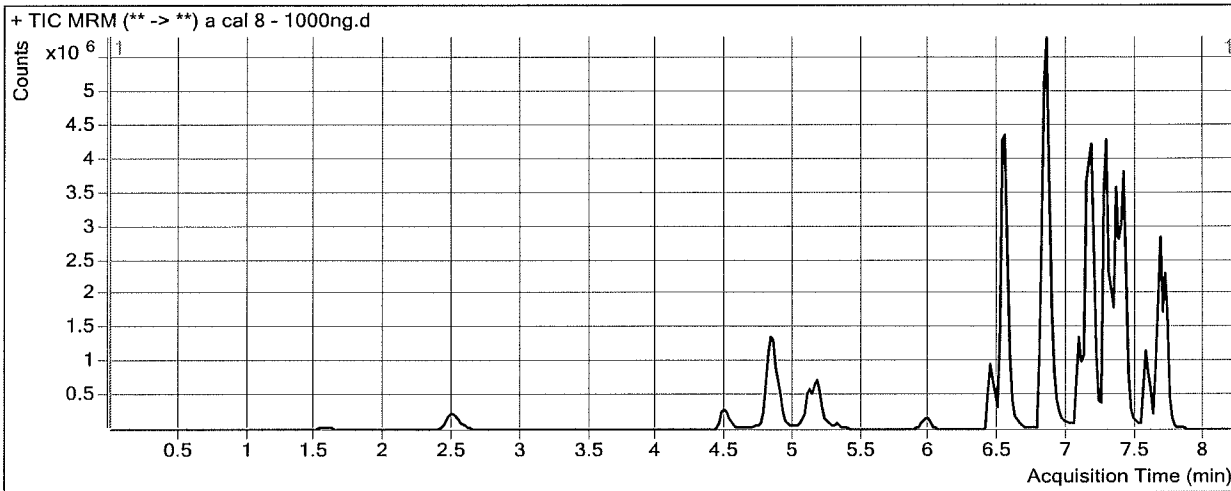
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin		
Analysis Time	3/10/2017 3:41 PM	Analyst Name	ISP Tox
Report Time	3/10/2017 3:46 PM	Reporter Name	ISP Tox
Last Calib Update	3/10/2017 3:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 17:03	Data File	a cal 8 - 1000ng.d
Sample Type	Calibration	Sample Name	a cal 8 - 1000ng
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-H1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.568	212179	2184	97.1507	999.1935
Hydromorphone	Hydromorphone-D6	2.507	1030955	32743	31.4867	995.5901
Codeine	Codeine-D6	4.493	443906	15111	29.3767	1022.5182
Amphetamine	Amphetamine-D11	4.824	2542053	41060	61.9113	755.6407
Oxycodone	Oxycodone-D6	4.850	2763567	108541	25.4611	1074.0574
Hydrocodone	Hydrocodone-D6	5.115	1633866	93434	17.4868	982.2915
Norhydrocodone	Norhydrocodone-D3	5.179	129970	25578	5.0814	1156.1567
Methamphetamine	Methamphetamine-D11	5.182	2084927	74527	27.9754	997.9763
6-MAM	6-MAM-D6	5.329	74881	30615	2.4459	100.4821
Phentermine	Phentermine-D5	5.966	683689	117364	5.8254	964.2557
Dextroprphan	Dextroprphan-D3	6.441	1219436	90840	13.4240	990.5516
7-aminoclonazepam	7-Aminoclonazepam-D4	6.534	1462023	71203	20.5332	934.3973
Tramadol	Tramadol-13C-D3	6.540	13317797	643903	20.6829	977.1616
Doxylamine	Doxylamine-D5	6.843	13410745	699272	19.1782	977.0299
Bupropion	Bupropion-D9	7.091	2808303	131290	21.3901	990.7004
Zolpidem	Zolpidem-D6	7.162	8820321	511621	17.2399	960.9683
Meprobamate	Meprobamate-D7	7.193	999333	52601	18.9984	1024.5014
Venlafaxine	Venlafaxine-D6	7.286	10732096	496349	21.6221	985.8092
Trazodone	Trazodone-D6	7.336	5066377	228849	22.1385	975.0996
Citalopram	Citalopram-D6	7.378	2860777	125618	22.7736	1000.6780
Dextromethorphan	Dextromethorphan-D3	7.408	573592	25387	22.5941	1011.9242
Diphenhydramine	Diphenhydramine-D3	7.412	4685628	228314	20.5227	973.1617
Promethazine	Promethazine-D3	7.567	2036351	126663	16.0769	928.3120

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	731383	10324	70.8429	992.2980
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	391690	15658	25.0157	1003.5620
Carisoprodol	Carisoprodol-D7	7.672	2578636	175719	14.6748	974.1600
Lorazepam	Alprazolam-D5	7.703	322493	96156	3.3539	1360.8881
Alprazolam	Alprazolam-D5	7.706	2499800	96156	25.9974	1012.6229



ISP FORENSICS - Cd'A Instrument # 62340

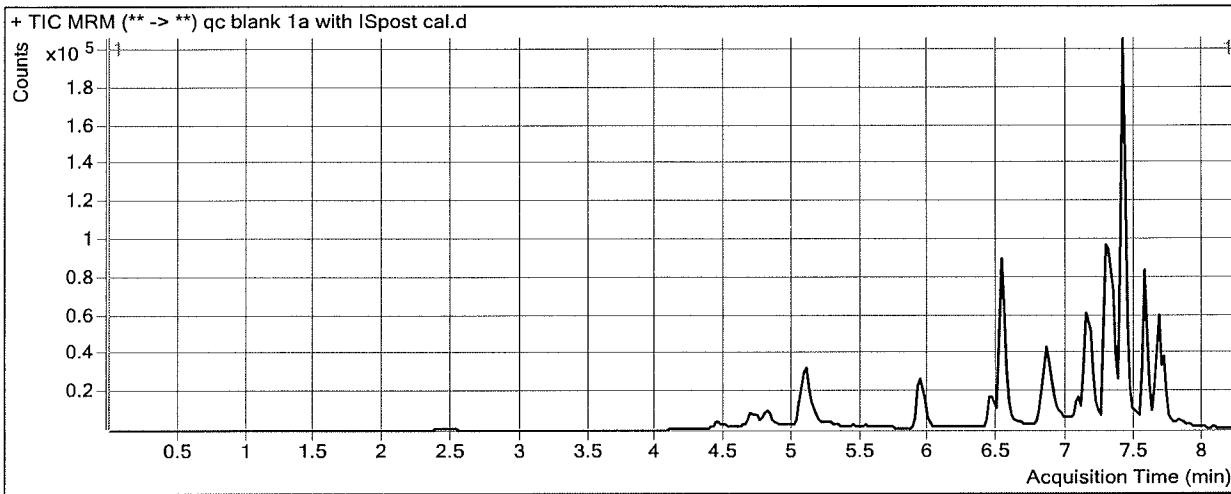
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1a.batch.bin
Analysis Time 3/10/2017 3:41 PM **Analyst Name** ISP Tox
Report Time 3/10/2017 3:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/10/2017 3:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 17:28 **Data File** qc blank 1a with ISpost cal.d
Sample Type Sample **Sample Name** qc blank 1a with IS
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position Vial 1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Hydrocodone	Hydrocodone-D6	4.994	52	29199	0.0018	0.0000
Dextroprphan	Dextroprphan-D3	6.483	387	54757	0.0071	1.0308
7-aminoclonazepam	7-Aminoclonazepam-D4	6.495	1216	29727	0.0409	0.5861
Tramadol	Tramadol-13C-D3	6.560	4089	262961	0.0155	0.3087
Bupropion	Bupropion-D9	7.132	1857	41879	0.0443	2.2921
Zolpidem	Zolpidem-D6	7.183	7228	164767	0.0439	2.1744
Venlafaxine	Venlafaxine-D6	7.306	9474	243967	0.0388	1.5904
Trazodone	Trazodone-D6	7.356	6033	161562	0.0373	0.9532
Citalopram	Citalopram-D6	7.398	3728	197082	0.0189	1.7141
Diphenhydramine	Diphenhydramine-D3	7.432	6105	353339	0.0173	1.0961
Promethazine	Promethazine-D3	7.567	2496	186776	0.0134	0.0000
Clonazepam	Clonazepam-D4	7.603	823	4922	0.1672	1.9550
Lorazepam	Alprazolam-D5	7.703	280	59259	0.0047	3.5758

ISP FORENSICS - Cd'A Instrument # 62340

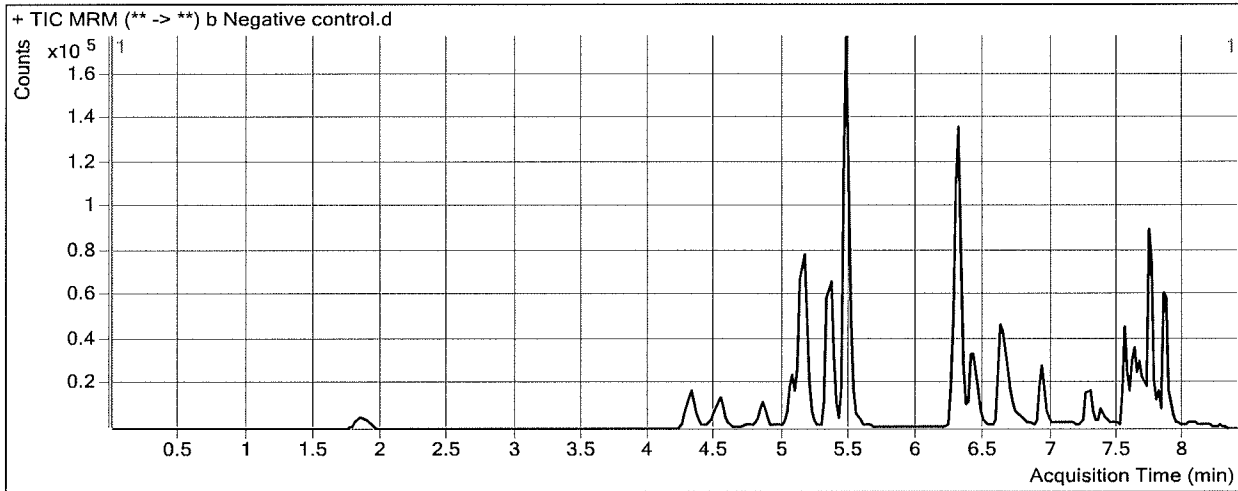
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 18:19 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-A4 **Sample Info**
Inj Vol -1 **Comment** lot 321632-1; AM 28 Panel 1 Confirmation

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

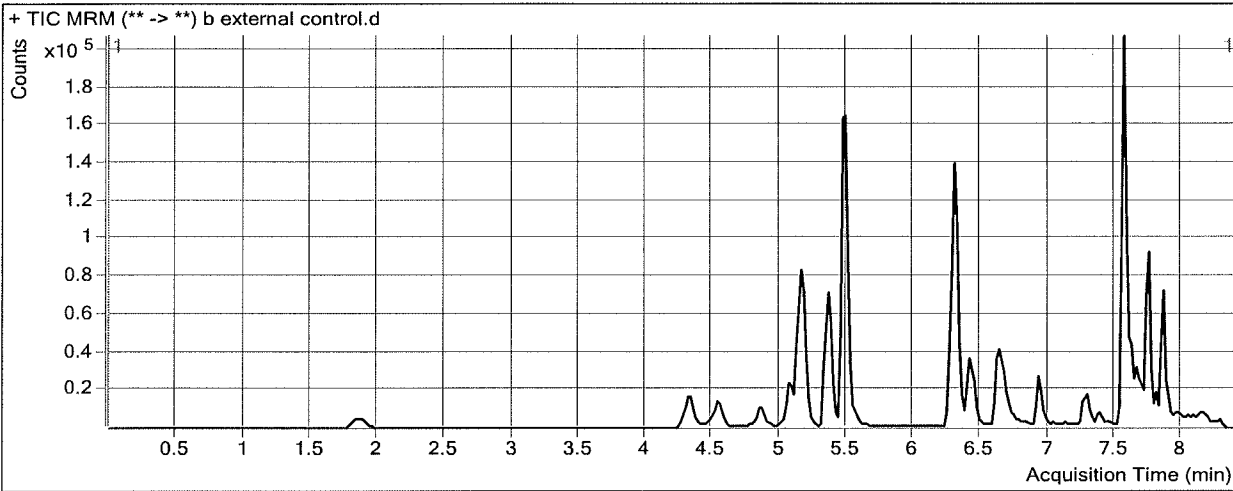
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 18:45 **Data File** b external control.d
Sample Type Sample **Sample Name** b external control
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-B4 **Sample Info**
Inj Vol -1 **Comment** lot 51017 50 ng quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Quetiapine	Quetiapine-D8	7.560	286302	79271	3.6117	<u>48.9569</u>
Oxazepam	Oxazepam-D5	8.132	1442	25799	0.0559	2.7974
Temazepam	Temazepam-D5	7.768	658	201347	0.0033	2.7235

Handwritten signature/initials

ISP FORENSICS - Cd'A Instrument # 62340

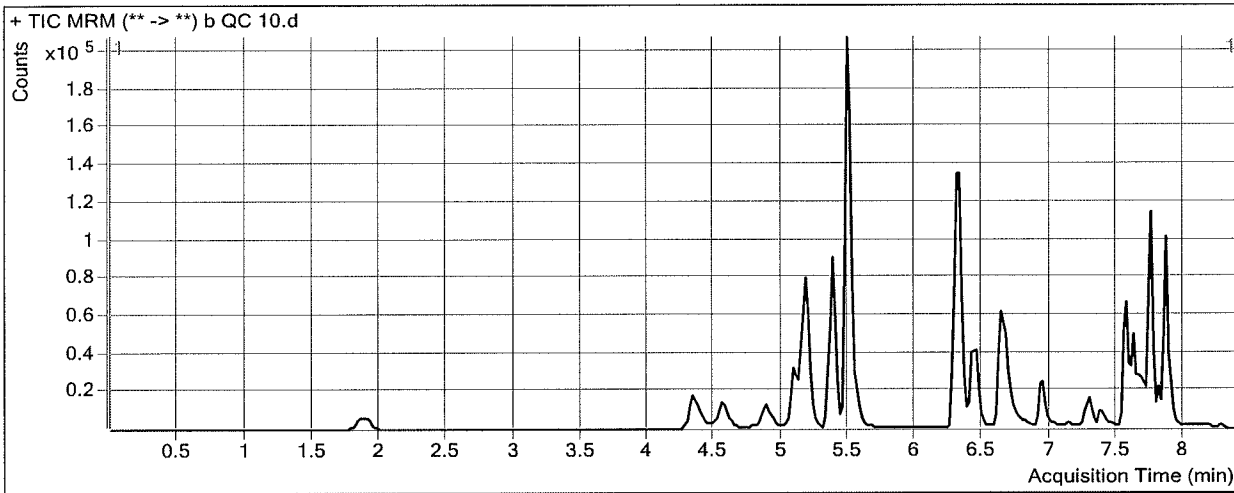
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 19:10 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.908	7315	34043	0.2149	9.8227
Dihydrocodeine	Dihydrocodeine-D6	4.395	15071	75864	0.1987	9.4848
Naloxone	Naloxone-D5	4.609	10351	67290	0.1538	11.2139
Noroxycodone	Noroxycodone-D3	4.917	9820	46775	0.2099	9.5636
Naltrexone	Naltrexone-D3	5.112	18843	86524	0.2178	10.0088
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.224	5963	297927	0.0200	1.0203
Naltrexol	Naltrexol-D3	5.370	57236	219776	0.2604	9.9675
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	134131	584222	0.2296	9.7677
Ketamine	Ketamine-D4	6.301	44737	188935	0.2368	9.3202
Norfentanyl	Norfentanyl-D5	6.344	7192	349065	0.0206	1.1402
alpha-PVP	alpha-PVP-d8	6.648	53042	220207	0.2409	10.3052
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	1807	86790	0.0208	1.1302
Norbuprenorphine	Norbuprenorphine-D3	7.235	52	2461	0.0210	1.4768
Fentanyl	Fentanyl-D5	7.299	861	42467	0.0203	1.1204
EDDP	EDDP-D3	7.370	4022	21297	0.1889	10.1181
Sufentanil	Sufentanil-D5	7.559	632	23598	0.0268	1.1133
Quetiapine	Quetiapine-D8	7.560	59757	73331	0.8149	10.2616
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	4414	17714	0.2492	11.9212
Methadone	Methadone-D9	7.623	12365	69189	0.1787	10.2184
Fluoxetine	Fluoxetine-D6	7.665	8483	34274	0.2475	11.1233
Oxazepam	Oxazepam-D5	7.710	4818	25196	0.1912	9.0297
Sertraline	Sertraline-D3	7.726	1913	9641	0.1984	9.3447
Temazepam	Temazepam-D5	7.748	38525	195814	0.1967	11.3486

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	501	19921	0.0251	2.0162
Nordiazepam	Nordiazepam-D5	7.815	9017	25899	0.3482	11.9169
Diazepam	Diazepam-D5	7.871	39527	159648	0.2476	9.9863

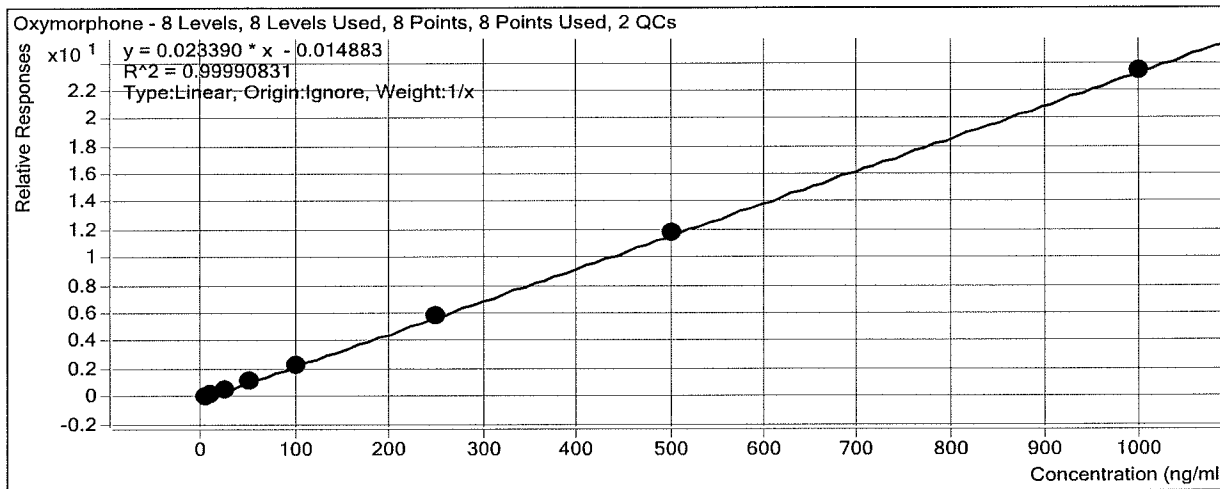


ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



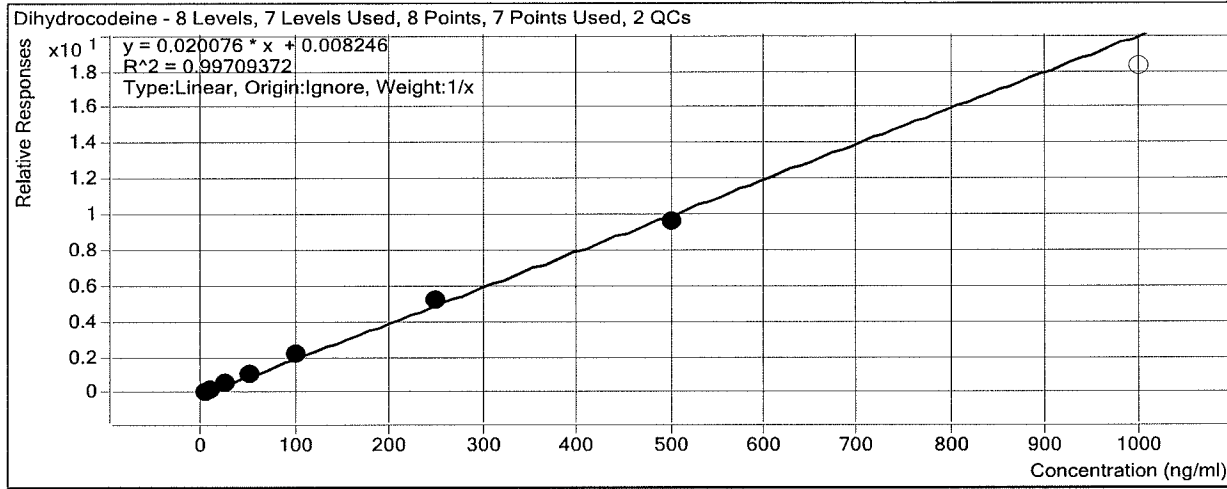
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b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.5	109.9
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.6
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b qc 100	5	<input checked="" type="checkbox"/>	100	99.1	99.1
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	249.2	99.7
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	504.1	100.8
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	999.7	100.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



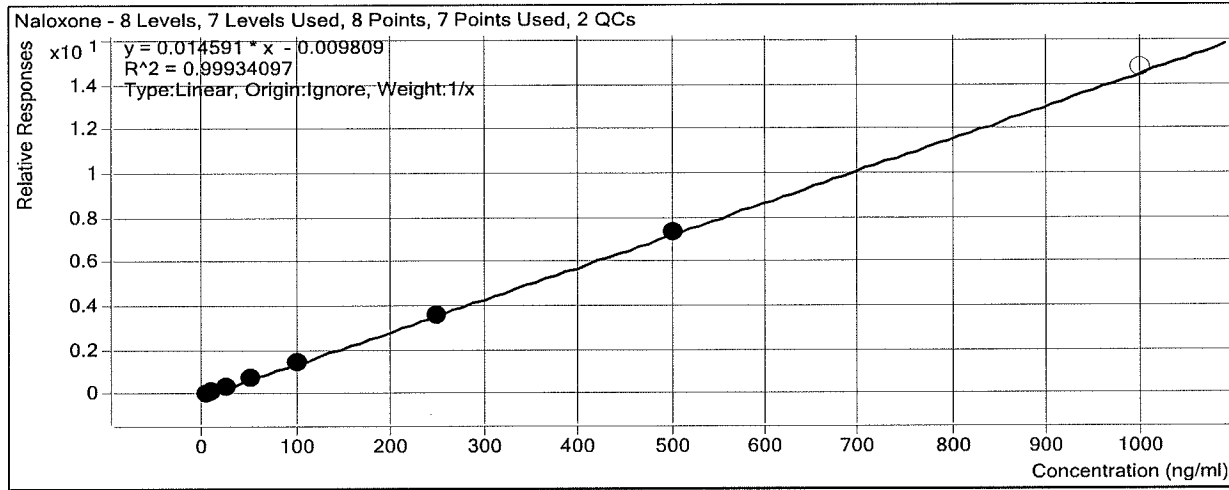
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b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	4.8	97.0
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.8
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	108.4	108.4
b qc 100	5	<input checked="" type="checkbox"/>	100	107.2	107.2
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	262.4	105.0
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	478.8	95.8
b cal 8 - 1000ng	8	<input type="checkbox"/>	1000	909.4	90.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.6	112.7
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b QC 10	2	<input checked="" type="checkbox"/>	10	11.2	112.1
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.2
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	100.7	100.7
b qc 100	5	<input checked="" type="checkbox"/>	100	114.7	114.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	244.0	97.6
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	507.9	101.6
b cal 8 - 1000ng	8	<input type="checkbox"/>	1000	1011.3	101.1

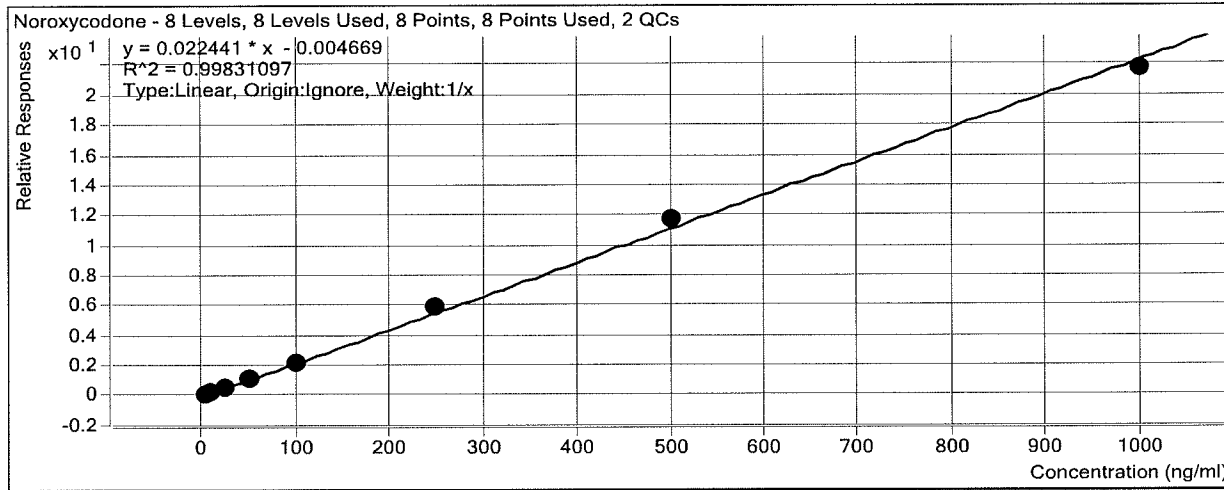
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.3
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.1
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
b qc 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	265.6	106.2
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	520.3	104.1
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	967.7	96.8

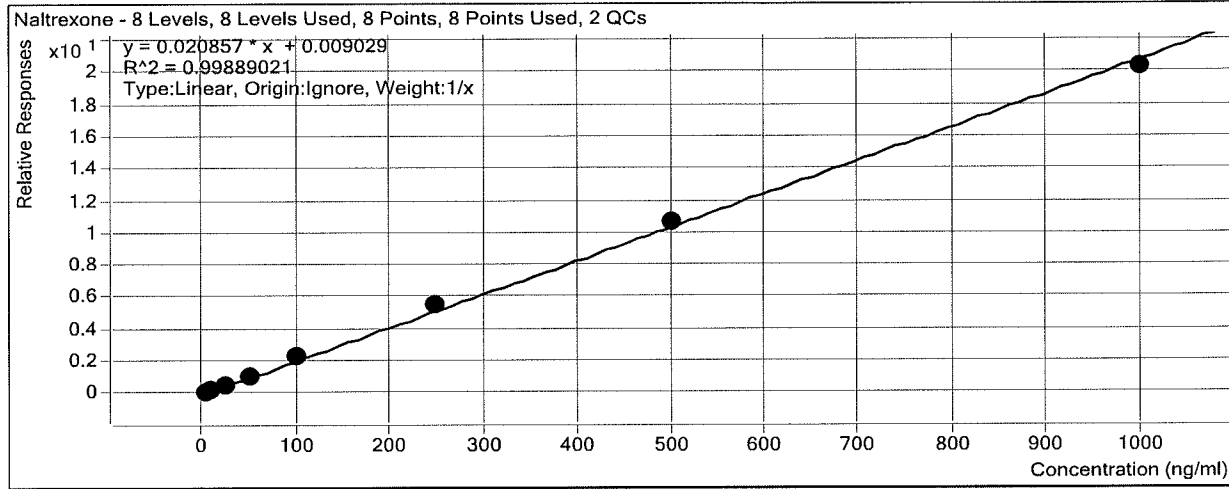
BAW

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



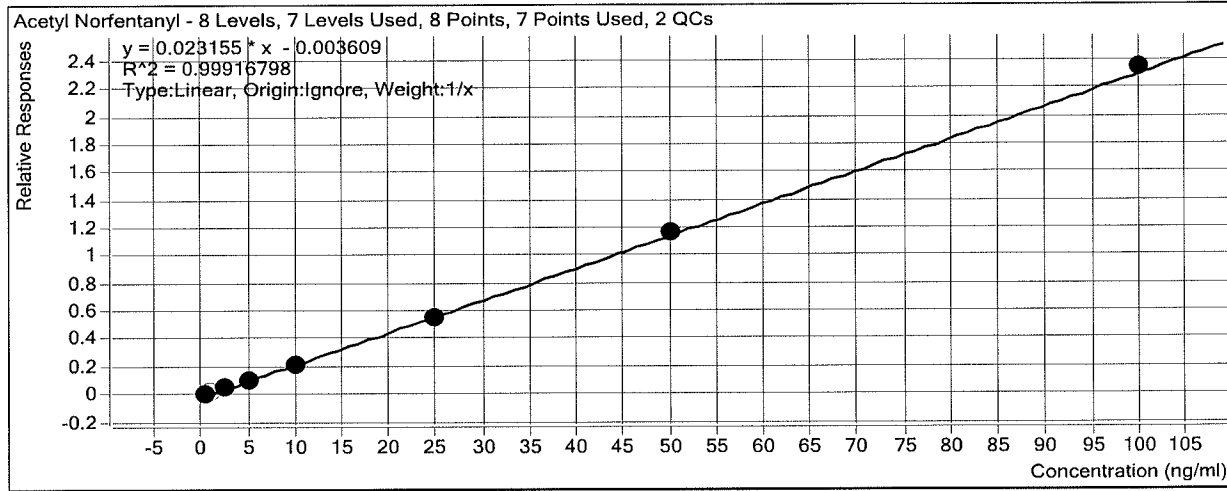
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	4.6	92.8
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.1
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.2
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b qc 100	5	<input checked="" type="checkbox"/>	100	107.2	107.2
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	261.2	104.5
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	510.7	102.1
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	971.9	97.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



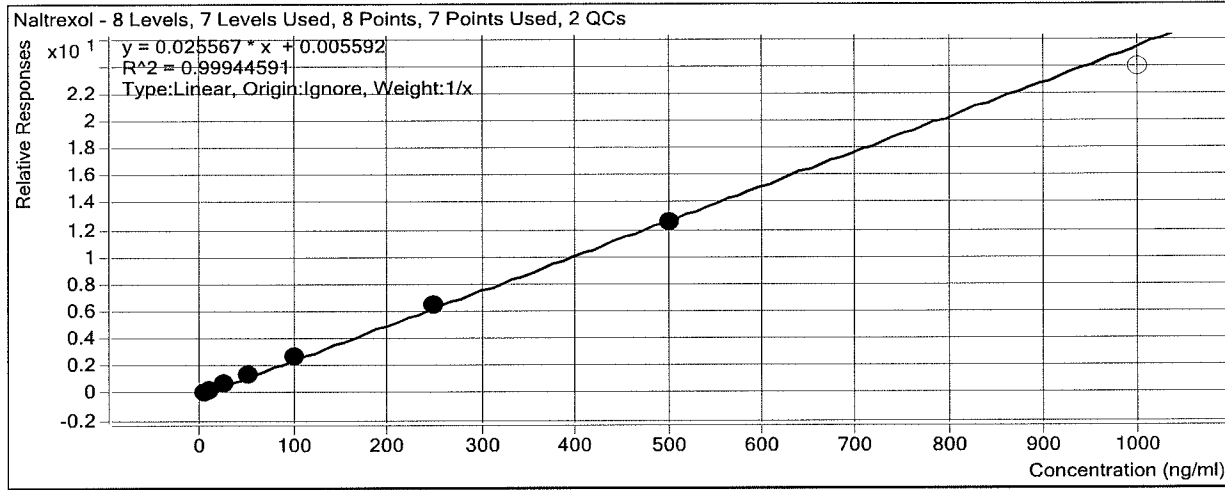
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	0.5	0.6	120.4
b cal 2 - 10ng	2	<input type="checkbox"/>	1	1.0	103.0
b QC 10	2	<input type="checkbox"/>	1	1.0	102.0
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.2
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	4.6	92.6
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.3	93.5
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.9
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	24.2	96.9
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	50.5	101.0
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	101.3	101.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



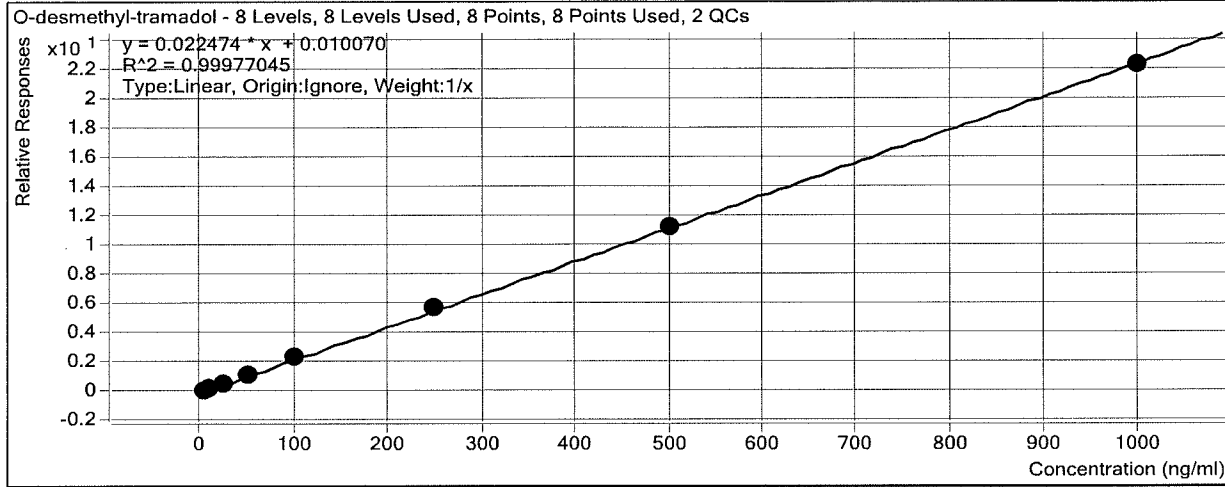
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.0	100.0
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.2	105.2
b qc 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	251.4	100.6
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	492.9	98.6
b cal 8 - 1000ng	8	<input type="checkbox"/>	1000	934.5	93.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



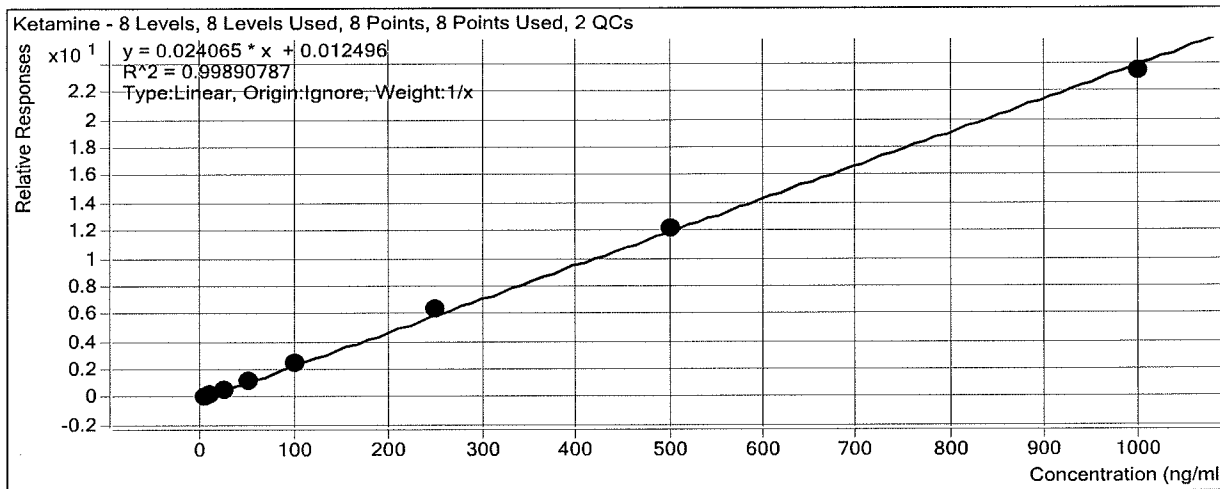
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	4.9	97.4
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b qc 100	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	254.4	101.8
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	501.8	100.4
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	989.3	98.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



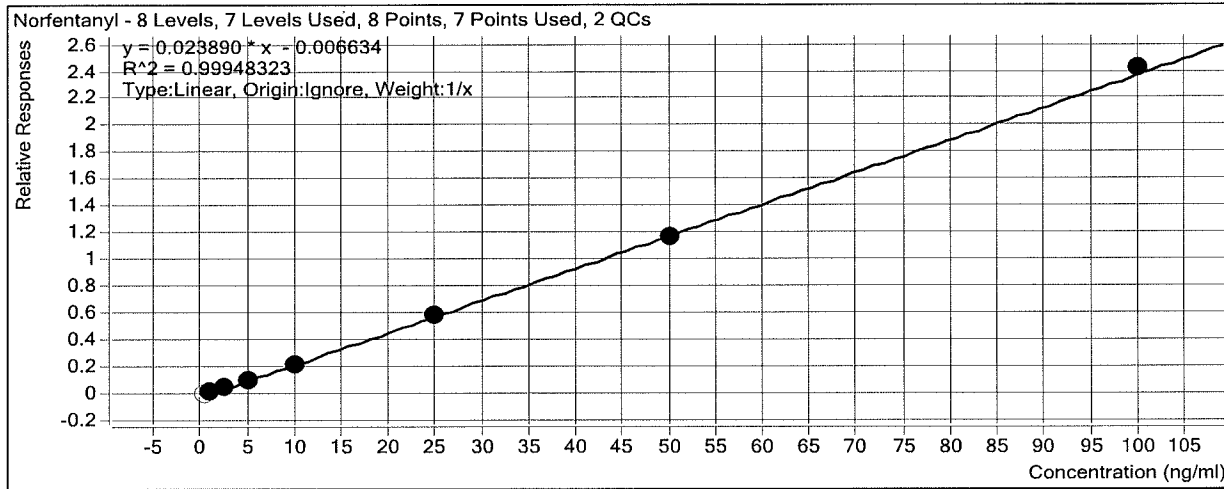
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	4.8	96.8
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.6
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.3
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
b qc 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	264.2	105.7
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	507.5	101.5
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	973.6	97.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



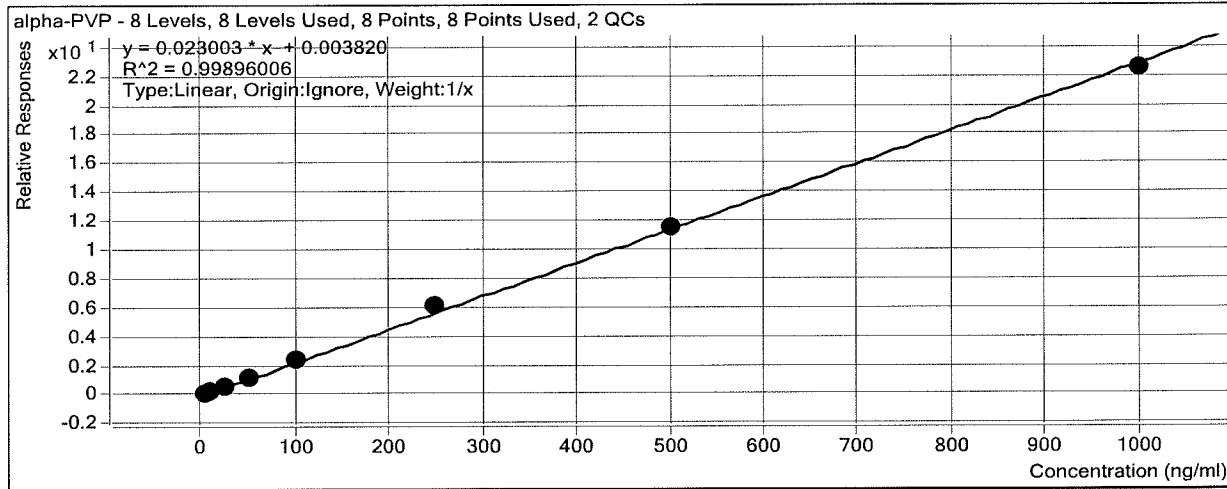
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	0.5	0.7	144.8
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	1	1.1	111.0
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	114.0
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.5
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.4
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.1
b qc 100	5	<input checked="" type="checkbox"/>	10	9.0	90.3
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	24.6	98.3
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	49.6	99.1
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	101.5	101.5

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



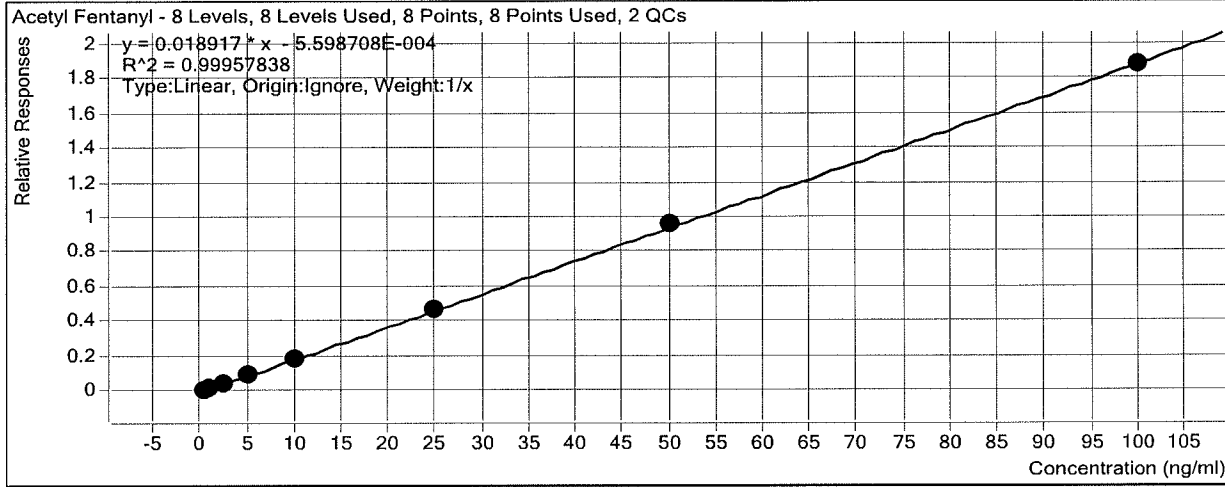
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.2	104.2
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.7	86.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.1
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b qc 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	265.1	106.0
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	502.2	100.4
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	978.6	97.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



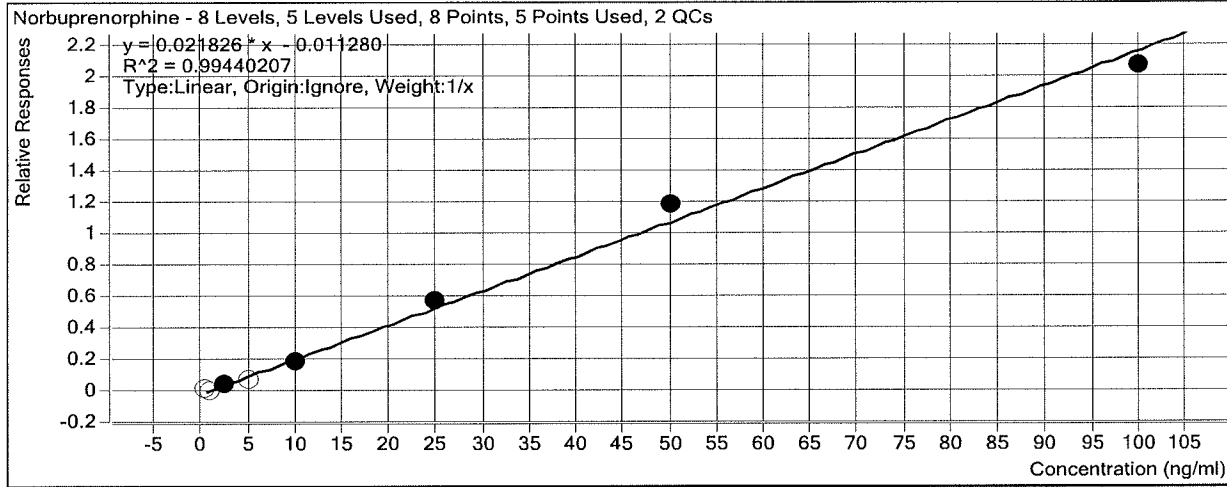
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	0.5	0.5	94.9
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	1	1.1	114.1
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	113.0
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	91.8
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.9	98.9
b qc 100	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.4
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	51.2	102.4
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	99.2	99.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



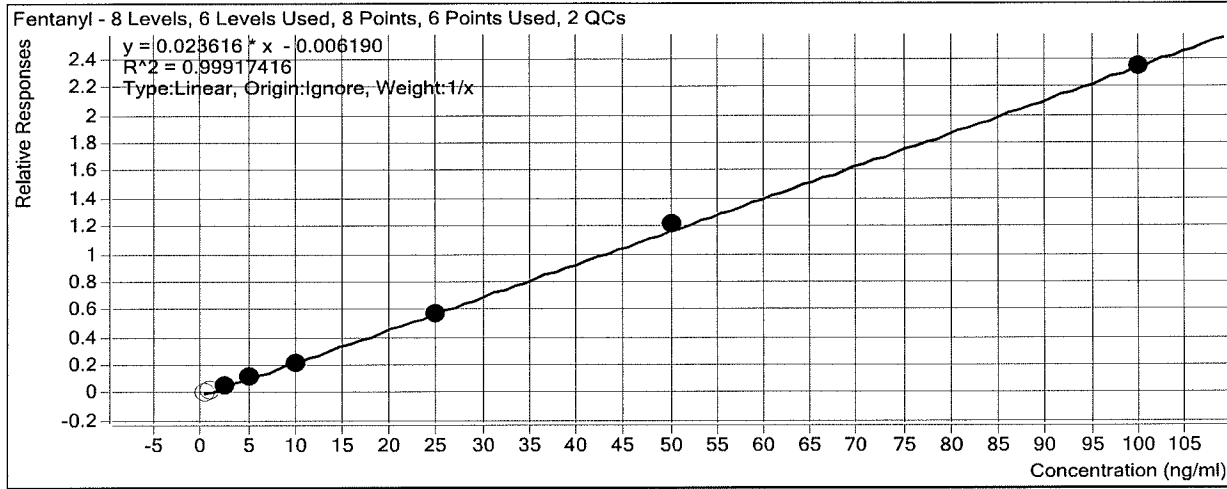
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	0.5	1.2	234.5
b cal 2 - 10ng	2	<input type="checkbox"/>	1	0.6	64.7
b QC 10	2	<input type="checkbox"/>	1	1.5	147.7
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.4
b cal 4 - 50ng	4	<input type="checkbox"/>	5	3.6	72.6
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.4
b qc 100	5	<input checked="" type="checkbox"/>	10	7.7	76.6
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	26.2	104.9
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	54.6	109.2
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	95.0	95.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	0.5	0.7	149.9
b cal 2 - 10ng	2	<input type="checkbox"/>	1	1.0	104.8
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	112.0
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	102.1
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	5.2	104.4
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.4	93.9
b qc 100	5	<input checked="" type="checkbox"/>	10	8.7	87.4
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	24.2	96.9
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	51.5	103.1
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	99.6	99.6

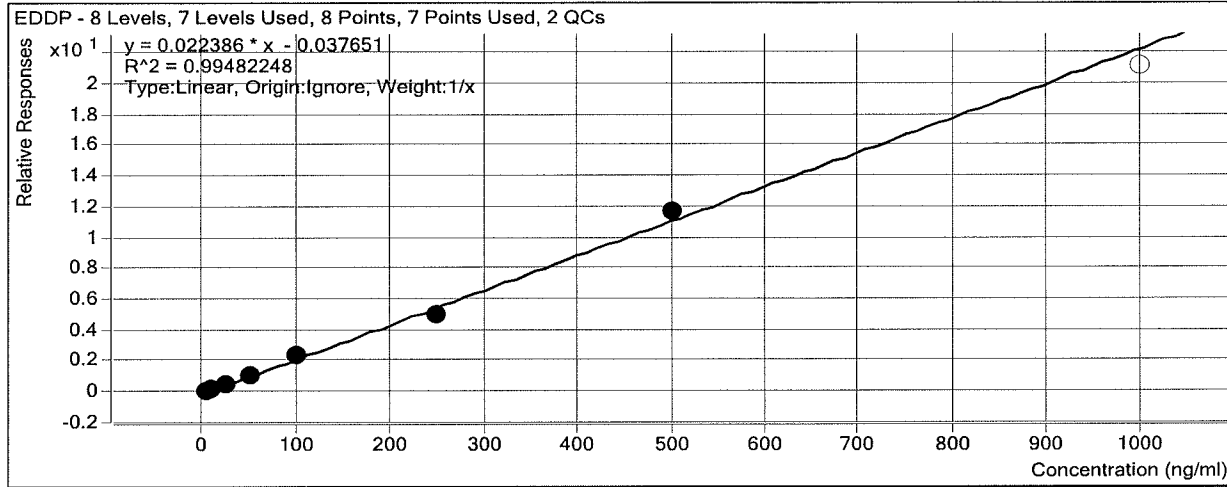
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.7	115.0
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	21.9	87.6
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.4
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b qc 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	226.5	90.6
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	523.0	104.6
b cal 8 - 1000ng	8	<input type="checkbox"/>	1000	943.6	94.4

ISP

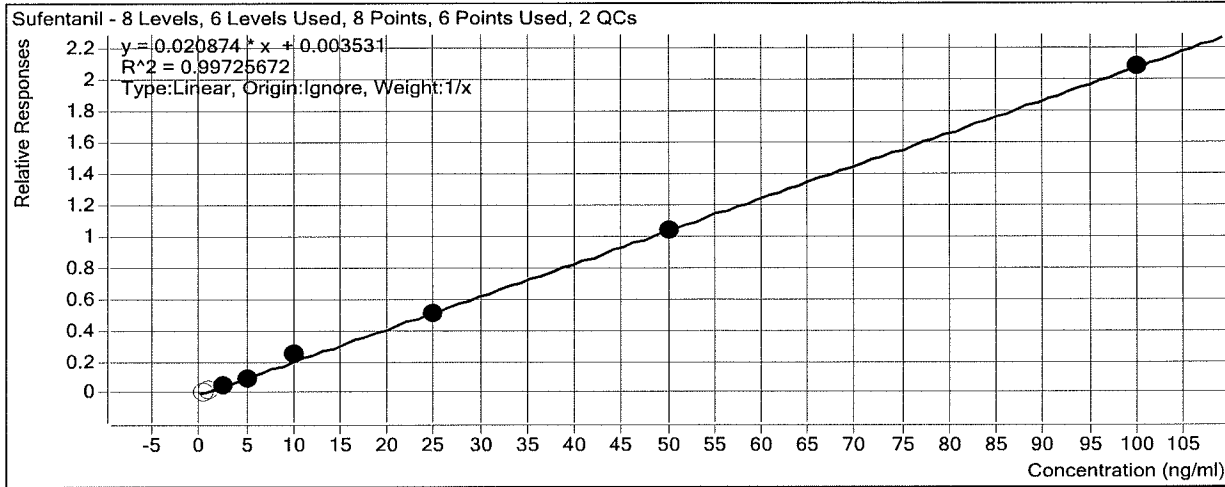
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

Target Compound Sufentanil
Internal Standard Sufentanil-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	0.5	0.4	81.8
b cal 2 - 10ng	2	<input type="checkbox"/>	1	1.1	111.0
b QC 10	2	<input type="checkbox"/>	1	1.1	111.3
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.3
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	4.6	91.3
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	11.8	118.4
b qc 100	5	<input checked="" type="checkbox"/>	10	10.4	104.4
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	24.6	98.2
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	99.6	99.6

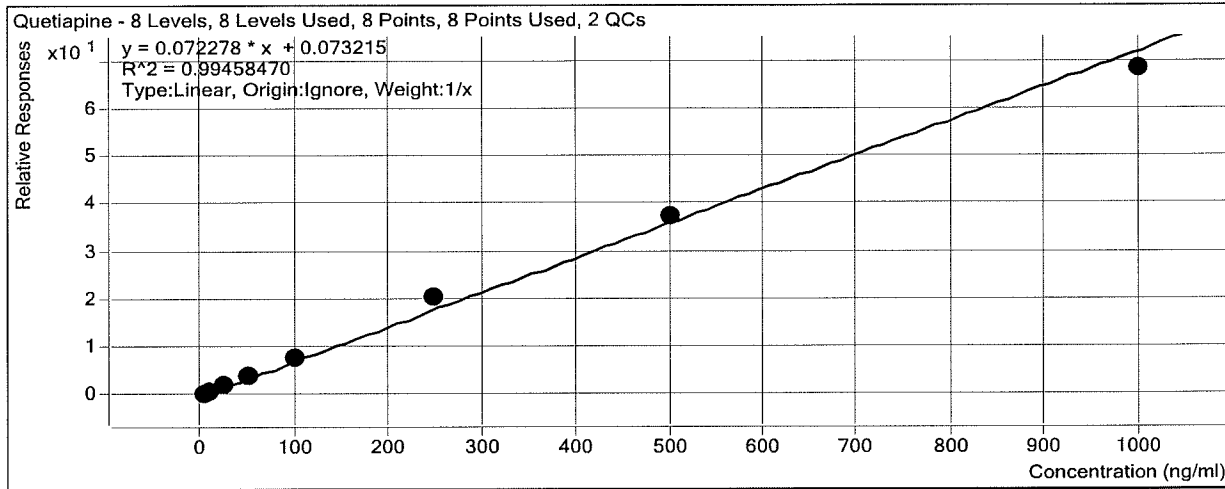
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	4.2	83.4
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	8.4	83.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.6
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	54.8	109.6
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	107.5	107.5
b qc 100	5	<input checked="" type="checkbox"/>	100	117.3	117.3
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	283.7	113.5
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	512.5	102.5
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	942.6	94.3

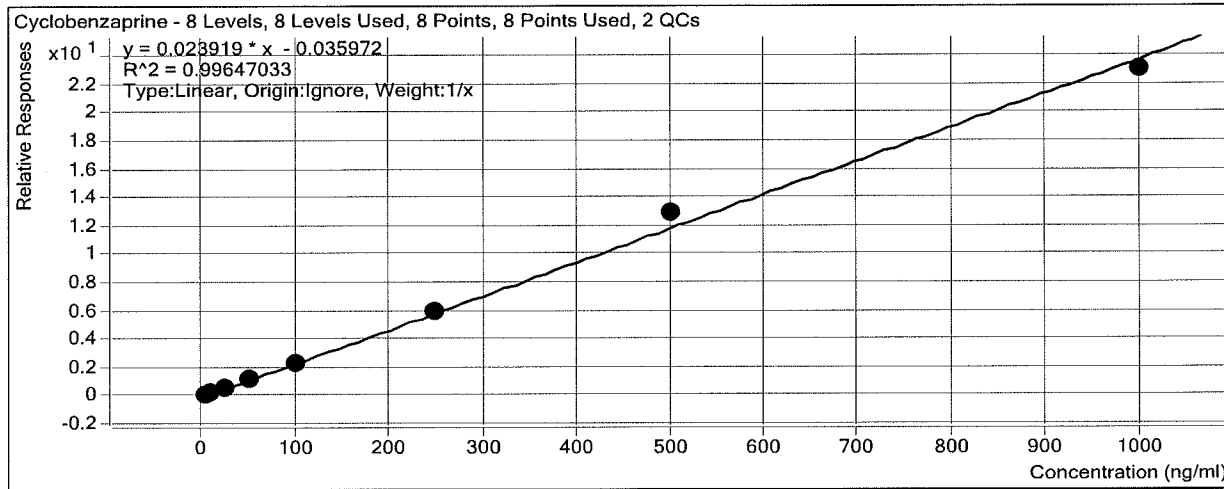
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	6.1	122.8
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	7.2	71.8
b QC 10	2	<input checked="" type="checkbox"/>	10	11.9	119.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	95.9	95.9
b qc 100	5	<input checked="" type="checkbox"/>	100	104.7	104.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	247.1	98.8
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	542.8	108.6
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	964.4	96.4

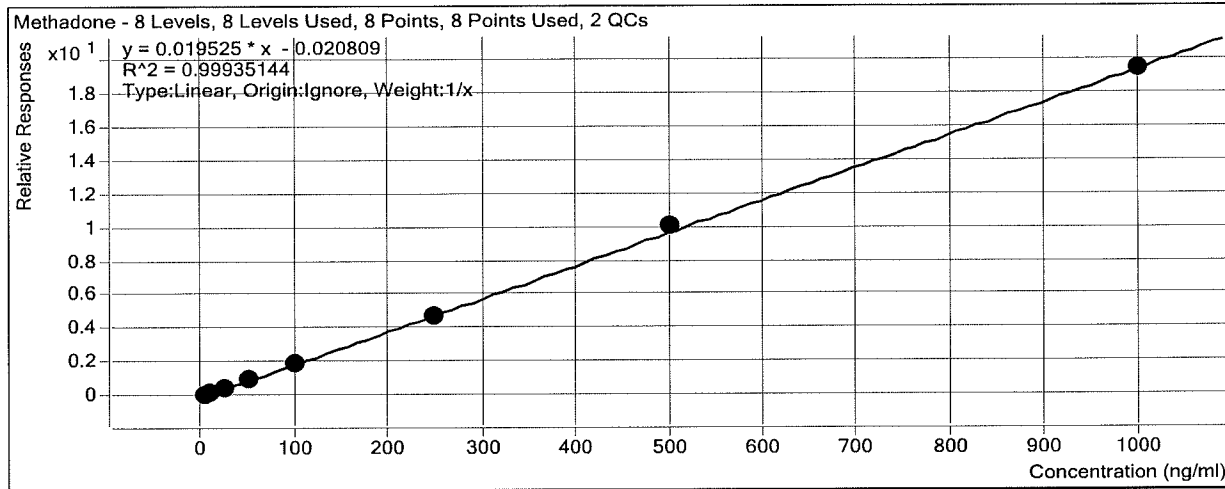
BAW

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.6	112.2
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.5
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b qc 100	5	<input checked="" type="checkbox"/>	100	85.1	85.1
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	240.6	96.2
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	517.4	103.5
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	995.2	99.5

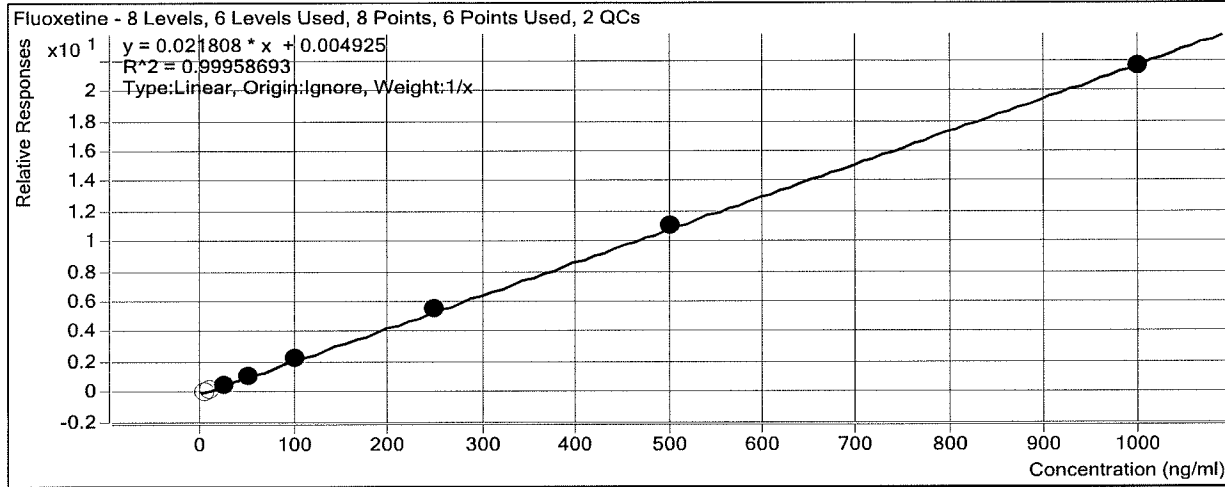
BW

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	5	4.7	94.0
b cal 2 - 10ng	2	<input type="checkbox"/>	10	10.5	104.7
b QC 10	2	<input type="checkbox"/>	10	11.1	111.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	46.9	93.9
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	104.7	104.7
b qc 100	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	253.8	101.5
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	504.5	100.9
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	990.1	99.0

ISP

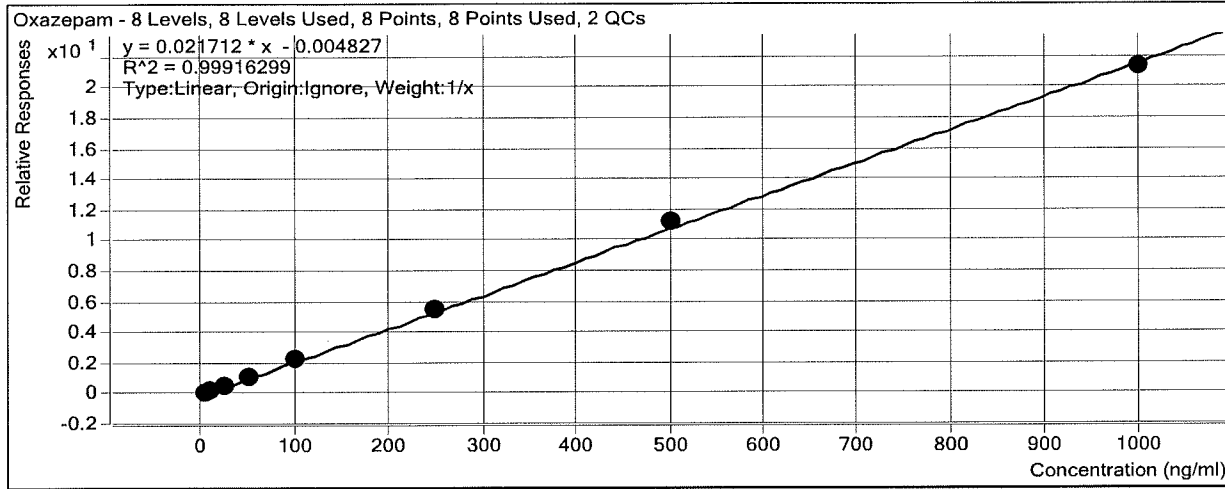
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.6	111.6
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.3
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	21.6	86.2
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.7	103.4
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 100	5	<input checked="" type="checkbox"/>	100	101.7	101.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	250.9	100.4
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	516.0	103.2
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	982.7	98.3

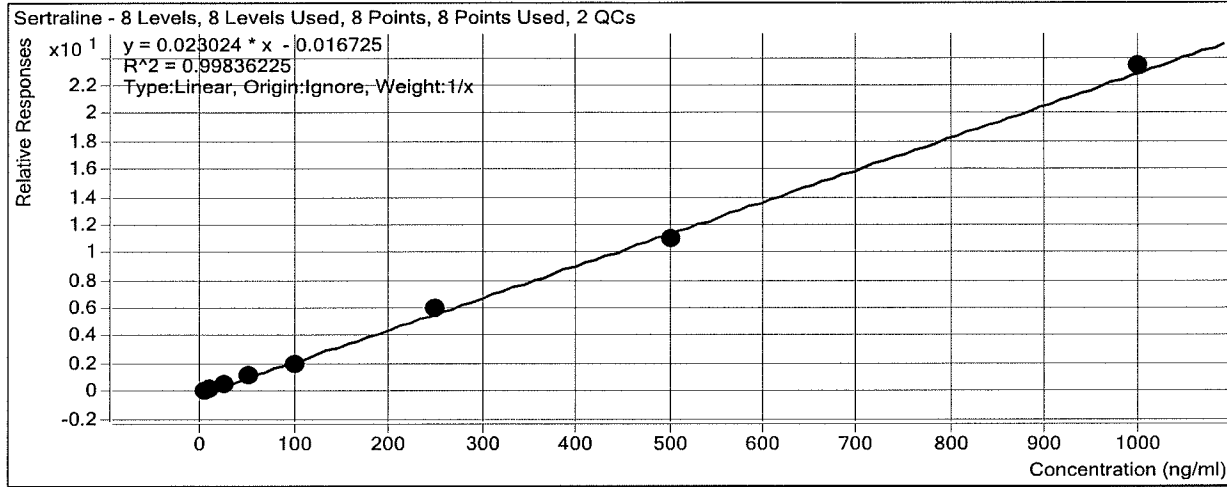
ISP

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.3	106.2
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.4
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	88.3	88.3
b qc 100	5	<input checked="" type="checkbox"/>	100	91.2	91.2
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	262.2	104.9
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	482.4	96.5
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1017.0	101.7

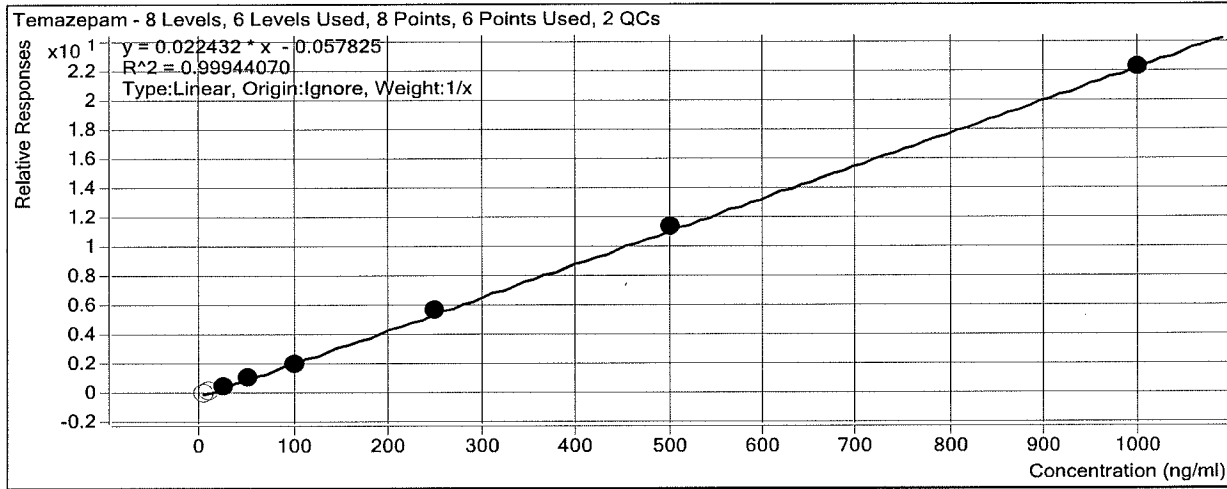
BAW

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	5	6.6	132.3
b cal 2 - 10ng	2	<input type="checkbox"/>	10	12.6	126.1
b QC 10	2	<input type="checkbox"/>	10	11.3	113.5
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.1
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	93.1	93.1
b qc 100	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	255.6	102.3
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	507.2	101.4
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	993.4	99.3

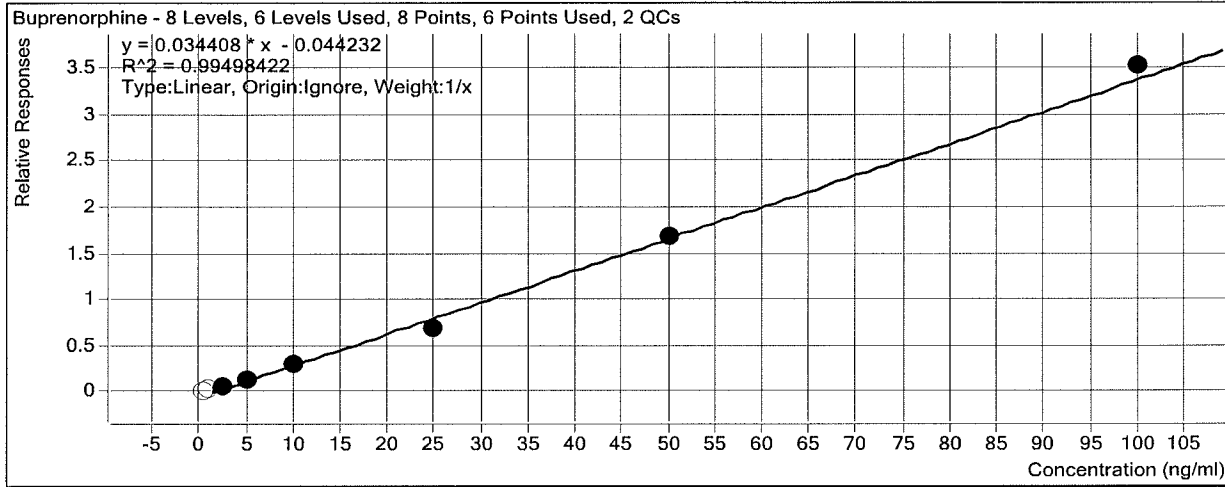
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	0.5	1.7	333.1
b cal 2 - 10ng	2	<input type="checkbox"/>	1	2.1	208.5
b QC 10	2	<input type="checkbox"/>	1	2.0	201.6
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	2.5	3.0	118.1
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	5	4.9	97.1
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.1
b qc 100	5	<input checked="" type="checkbox"/>	10	9.0	89.9
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	25	21.5	86.0
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	50	50.0	99.9
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	100	103.7	103.7

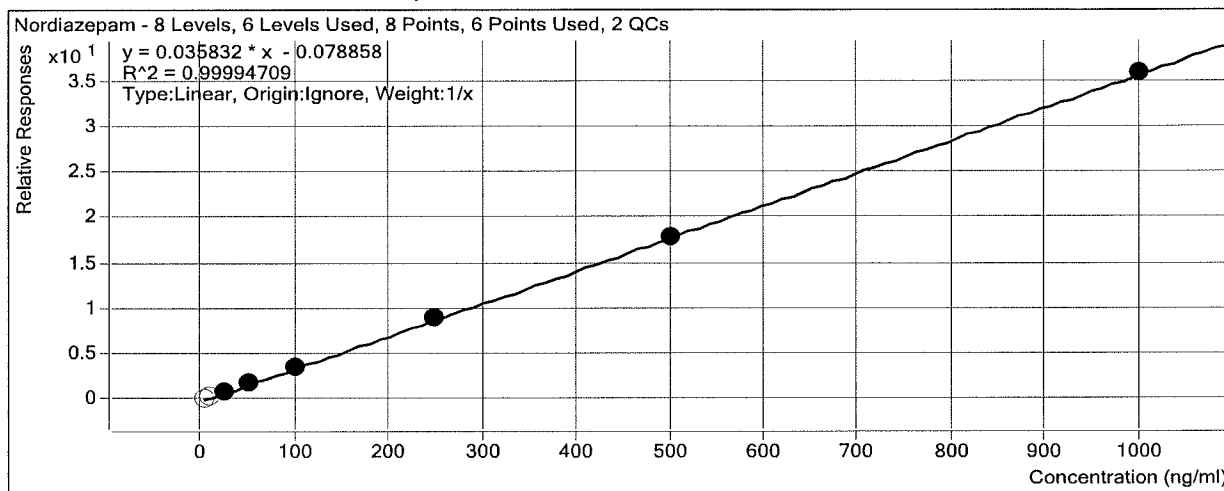
ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

Target Compound Nordiazepam

Internal Standard Nordiazepam-D5



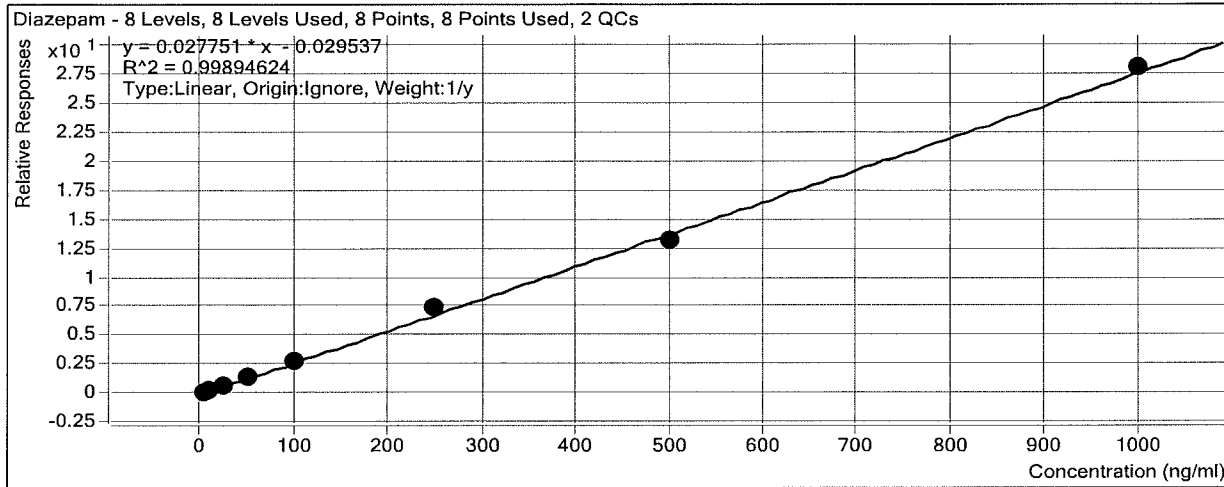
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input type="checkbox"/>	5	7.2	143.7
b cal 2 - 10ng	2	<input type="checkbox"/>	10	11.5	115.4
b QC 10	2	<input type="checkbox"/>	10	11.9	119.2
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	99.5	99.5
b qc 100	5	<input checked="" type="checkbox"/>	100	104.7	104.7
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	252.2	100.9
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	497.1	99.4
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1000.6	100.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin

Last Calib Update 3/9/2017 11:41 PM **Analyst Name** ISP TOX

Target Compound Diazepam
Internal Standard Diazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1 - 5 ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
b cal 2 - 10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b cal 3- 25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.4
b cal 4 - 50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.7
b cal 5- 100ng	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b qc 100	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b cal 6 - 250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
b cal 7 - 500ng	7	<input checked="" type="checkbox"/>	500	478.6	95.7
b cal 8 - 1000ng	8	<input checked="" type="checkbox"/>	1000	1010.9	101.1

ISP FORENSICS - Cd'A Instrument # 62340

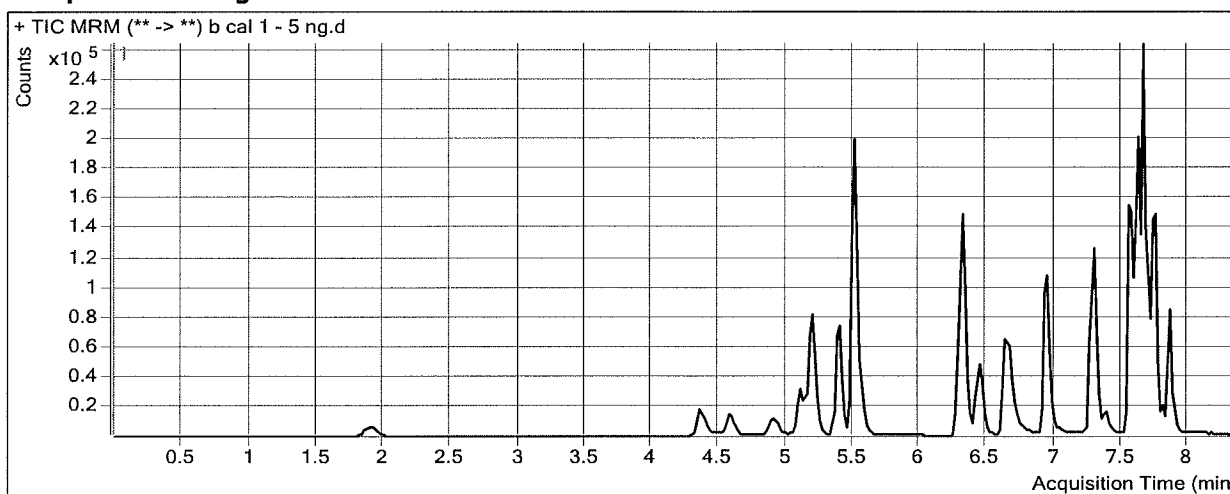
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:45 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 14:18 **Data File** b cal 1 - 5 ng.d
Sample Type Calibration **Sample Name** b cal 1 - 5 ng
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	4005	35261	0.1136	5.4928
Dihydrocodeine	Dihydrocodeine-D6	4.417	8089	76596	0.1056	4.8495
Naloxone	Naloxone-D5	4.629	5249	72509	0.0724	5.6339
Noroxycodone	Noroxycodone-D3	4.937	5393	47051	0.1146	5.3161
Naltrexone	Naltrexone-D3	5.132	10032	94849	0.1058	4.6380
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	3186	308425	0.0103	0.6020
Naltrexol	Naltrexol-D3	5.390	29293	219532	0.1334	5.0003
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	71999	602370	0.1195	4.8704
Ketamine	Ketamine-D4	6.301	24696	191477	0.1290	4.8402
Norfentanyl	Norfentanyl-D5	6.344	3853	361225	0.0107	0.7242
alpha-PVP	alpha-PVP-d8	6.648	33403	270002	0.1237	5.2119
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	3300	392077	0.0084	0.4745
Norbuprenorphine	Norbuprenorphine-D3	7.255	145	10103	0.0143	1.1725
Fentanyl	Fentanyl-D5	7.279	4059	352734	0.0115	0.7493
EDDP	EDDP-D3	7.390	3000	32949	0.0911	5.7498
Sufentanil	Sufentanil-D5	7.559	2931	242806	0.0121	0.4091
Quetiapine	Quetiapine-D8	7.560	52355	139799	0.3745	4.1684
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	18242	164547	0.1109	6.1387
Methadone	Methadone-D9	7.623	30376	342368	0.0887	5.6097
Fluoxetine	Fluoxetine-D6	7.665	50707	471822	0.1075	4.7022
Oxazepam	Oxazepam-D5	7.710	2923	25124	0.1163	5.5805
Sertraline	Sertraline-D3	7.726	13001	123170	0.1056	5.3110
Temazepam	Temazepam-D5	7.748	17666	194993	0.0906	6.6166

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	1121	85750	0.0131	1.6655
Nordiazepam	Nordiazepam-D5	7.815	4592	25703	0.1786	7.1862
Diazepam	Diazepam-D5	7.871	17651	156845	0.1125	5.1197



ISP FORENSICS - Cd'A Instrument # 62340

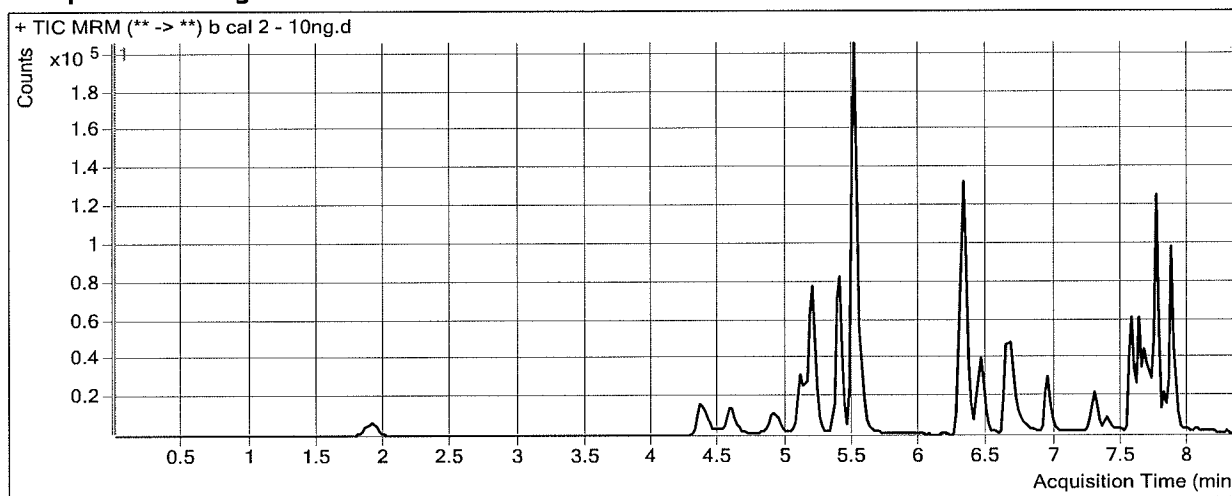
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin		
Analysis Time	3/9/2017 11:41 PM	Analyst Name	ISP Tox
Report Time	3/9/2017 11:45 PM	Reporter Name	ISP Tox
Last Calib Update	3/9/2017 11:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 14:43	Data File	b cal 2 - 10ng.d
Sample Type	Calibration	Sample Name	b cal 2 - 10ng
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-B1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.908	7377	35087	0.2102	9.6248
Dihydrocodeine	Dihydrocodeine-D6	4.417	13695	71702	0.1910	9.1031
Naloxone	Naloxone-D5	4.629	8804	66623	0.1321	9.7283
Noroxycodone	Noroxycodone-D3	4.937	8774	41961	0.2091	9.5259
Naltrexone	Naltrexone-D3	5.132	17119	81579	0.2098	9.6284
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	5720	282548	0.0202	1.0302
Naltrexol	Naltrexol-D3	5.390	51927	212645	0.2442	9.3325
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	127873	573553	0.2229	9.4722
Ketamine	Ketamine-D4	6.301	39807	173407	0.2296	9.0201
Norfentanyl	Norfentanyl-D5	6.344	6128	308116	0.0199	1.1103
alpha-PVP	alpha-PVP-d8	6.668	39712	195008	0.2036	8.6866
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	2004	95337	0.0210	1.1408
Norbuprenorphine	Norbuprenorphine-D3	7.255	10	3587	0.0028	0.6468
Fentanyl	Fentanyl-D5	7.299	1061	57184	0.0186	1.0481
EDDP	EDDP-D3	7.390	3513	18326	0.1917	10.2440
Sufentanil	Sufentanil-D5	7.559	824	30832	0.0267	1.1103
Quetiapine	Quetiapine-D8	7.560	43965	64661	0.6799	8.3943
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	2922	21529	0.1357	7.1786
Methadone	Methadone-D9	7.623	15088	90890	0.1660	9.5673
Fluoxetine	Fluoxetine-D6	7.665	14549	62382	0.2332	10.4688
Oxazepam	Oxazepam-D5	7.710	5233	26017	0.2011	9.4864
Sertraline	Sertraline-D3	7.726	3487	15670	0.2225	10.3919
Temazepam	Temazepam-D5	7.748	39358	174963	0.2250	12.6060

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	560	20344	0.0275	2.0851
Nordiazepam	Nordiazepam-D5	7.815	9015	26931	0.3347	11.5425
Diazepam	Diazepam-D5	7.871	36098	148350	0.2433	9.8328



ISP FORENSICS - Cd'A Instrument # 62340

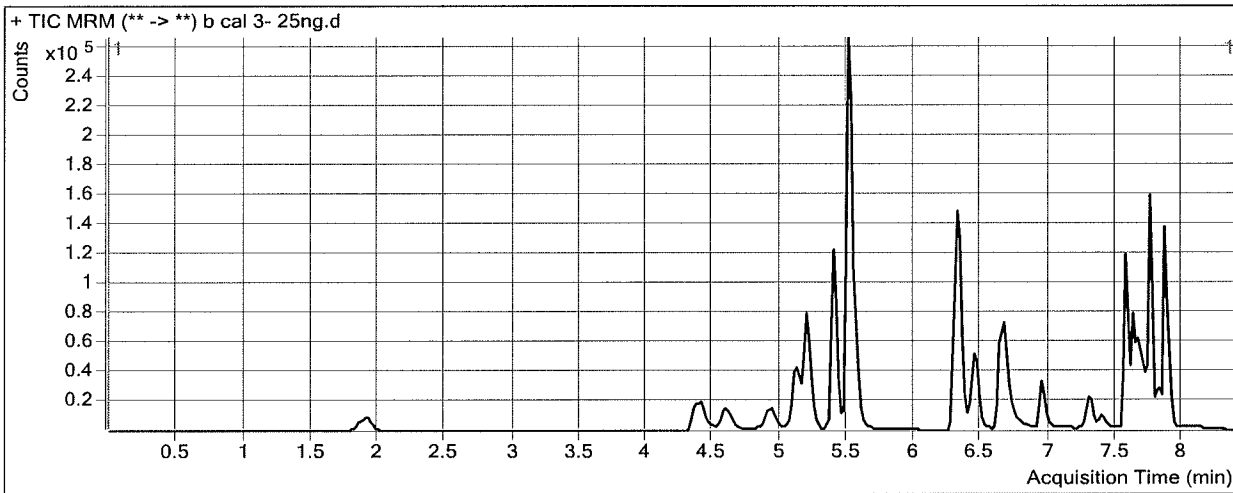
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:45 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 15:08 **Data File** b cal 3- 25ng.d
Sample Type Calibration **Sample Name** b cal 3- 25ng
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	18295	33261	0.5500	24.1520
Dihydrocodeine	Dihydrocodeine-D6	4.417	36604	71890	0.5092	24.9518
Naloxone	Naloxone-D5	4.629	21310	65237	0.3267	23.0590
Noroxycodone	Noroxycodone-D3	4.957	22486	42878	0.5244	23.5771
Naltrexone	Naltrexone-D3	5.132	43570	83641	0.5209	24.5431
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	14278	280244	0.0509	2.3561
Naltrexol	Naltrexol-D3	5.390	138588	214810	0.6452	25.0159
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	337450	588820	0.5731	25.0523
Ketamine	Ketamine-D4	6.301	110418	178818	0.6175	25.1404
Norfentanyl	Norfentanyl-D5	6.364	16860	315715	0.0534	2.5131
alpha-PVP	alpha-PVP-d8	6.668	112630	196411	0.5734	24.7625
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	4295	100163	0.0429	2.2961
Norbuprenorphine	Norbuprenorphine-D3	7.255	139	3238	0.0429	2.4841
Fentanyl	Fentanyl-D5	7.299	3189	58943	0.0541	2.5529
EDDP	EDDP-D3	7.390	8172	18056	0.4526	21.8983
Sufentanil	Sufentanil-D5	7.559	1687	32302	0.0522	2.3331
Quetiapine	Quetiapine-D8	7.560	131716	66647	1.9763	26.3306
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	14226	23956	0.5939	26.3320
Methadone	Methadone-D9	7.623	40200	89130	0.4510	24.1652
Fluoxetine	Fluoxetine-D6	7.685	40875	74301	0.5501	24.9998
Oxazepam	Oxazepam-D5	7.710	10984	23718	0.4631	21.5525
Sertraline	Sertraline-D3	7.746	10020	18060	0.5548	24.8228
Temazepam	Temazepam-D5	7.748	94366	177615	0.5313	26.2627

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	1272	22201	0.0573	2.9513
Nordiazepam	Nordiazepam-D5	7.836	22013	27594	0.7977	24.4635
Diazepam	Diazepam-D5	7.871	96376	145985	0.6602	24.8540



ISP FORENSICS - Cd'A Instrument # 62340

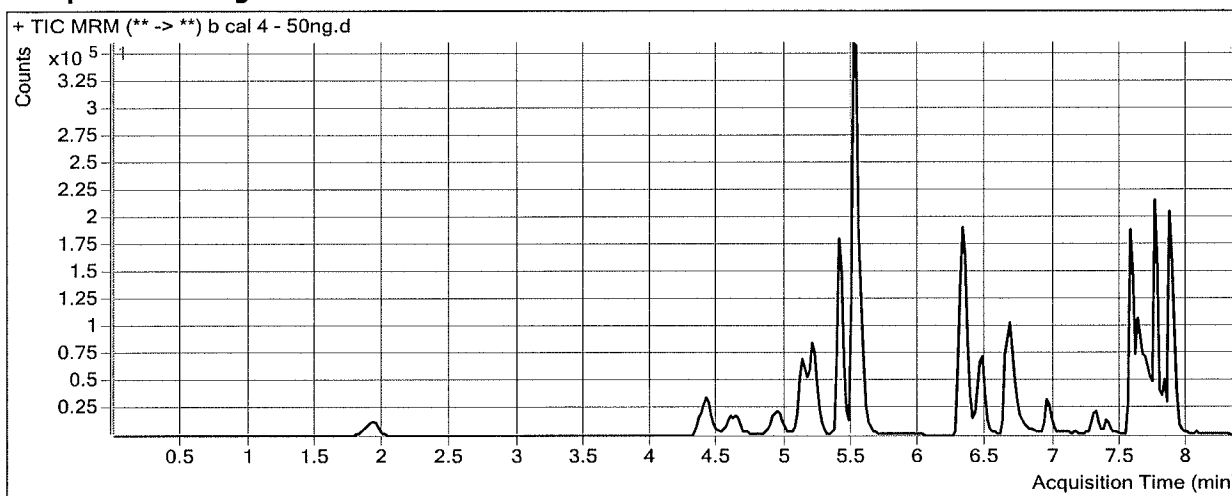
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:45 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 15:34 **Data File** b cal 4 - 50ng.d
Sample Type Calibration **Sample Name** b cal 4 - 50ng
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	40340	35605	1.1330	49.0755
Dihydrocodeine	Dihydrocodeine-D6	4.417	79151	75934	1.0424	51.5118
Naloxone	Naloxone-D5	4.649	48012	68159	0.7044	48.9483
Noroxycodone	Noroxycodone-D3	4.957	50050	45681	1.0956	49.0312
Naltrexone	Naltrexone-D3	5.132	93582	86360	1.0836	51.5229
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.264	30825	297457	0.1036	4.6312
Naltrexol	Naltrexol-D3	5.390	289054	220186	1.3128	51.1283
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	720765	617564	1.1671	51.4836
Ketamine	Ketamine-D4	6.301	239862	189213	1.2677	52.1593
Norfentanyl	Norfentanyl-D5	6.364	33888	319224	0.1062	4.7213
alpha-PVP	alpha-PVP-d8	6.668	210846	182409	1.1559	50.0830
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	8762	93828	0.0934	4.9661
Norbuprenorphine	Norbuprenorphine-D3	7.255	210	3088	0.0679	3.6292
Fentanyl	Fentanyl-D5	7.299	6374	54435	0.1171	5.2201
EDDP	EDDP-D3	7.390	15721	15437	1.0184	47.1760
Sufentanil	Sufentanil-D5	7.559	3391	34321	0.0988	4.5637
Quetiapine	Quetiapine-D8	7.560	262608	65089	4.0346	54.8077
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	26014	22326	1.1652	50.2172
Methadone	Methadone-D9	7.643	77350	83112	0.9307	48.7304
Fluoxetine	Fluoxetine-D6	7.685	70217	68257	1.0287	46.9446
Oxazepam	Oxazepam-D5	7.710	26082	23329	1.1180	51.7150
Sertraline	Sertraline-D3	7.746	17741	15763	1.1254	49.6079
Temazepam	Temazepam-D5	7.748	202276	192649	1.0500	49.3849

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	2302	18730	0.1229	4.8572
Nordiazepam	Nordiazepam-D5	7.836	50631	28869	1.7538	51.1464
Diazepam	Diazepam-D5	7.871	207443	154800	1.3401	49.3542

ISP FORENSICS - Cd'A Instrument # 62340

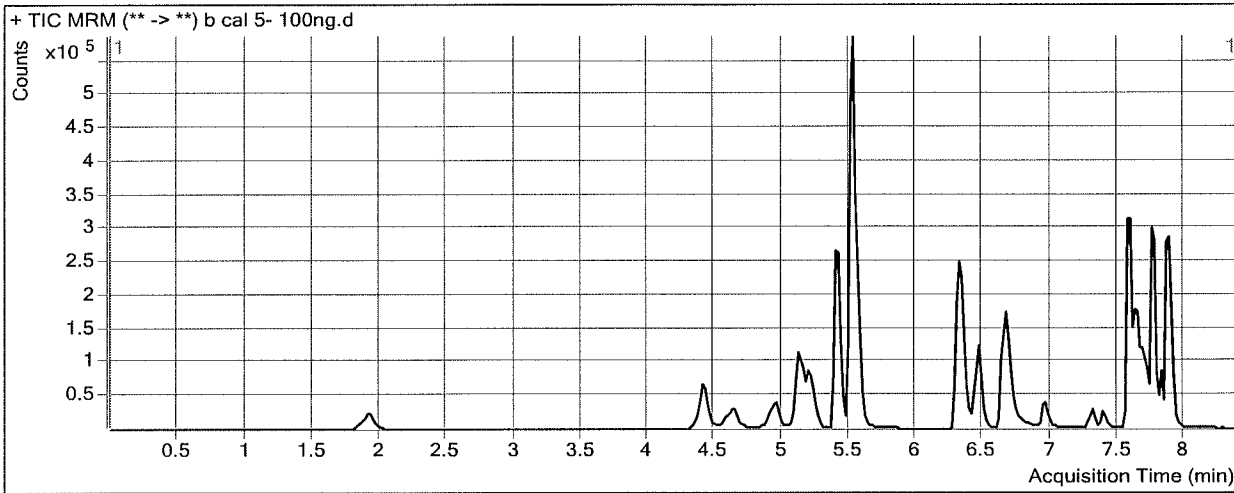
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin		
Analysis Time	3/9/2017 11:41 PM	Analyst Name	ISP Tox
Report Time	3/9/2017 11:45 PM	Reporter Name	ISP Tox
Last Calib Update	3/9/2017 11:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 15:59	Data File	b cal 5- 100ng.d
Sample Type	Calibration	Sample Name	b cal 5- 100ng
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	79953	34866	2.2931	98.6737
Dihydrocodeine	Dihydrocodeine-D6	4.417	161553	73928	2.1853	108.4421
Naloxone	Naloxone-D5	4.649	98372	67383	1.4599	100.7231
Noroxycodone	Noroxycodone-D3	4.957	97608	44035	2.2166	98.9833
Naltrexone	Naltrexone-D3	5.132	181113	81628	2.2188	105.9487
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.264	62010	291342	0.2128	9.3479
Naltrexol	Naltrexol-D3	5.410	563702	209143	2.6953	105.2034
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	1433005	612495	2.3396	103.6555
Ketamine	Ketamine-D4	6.321	463249	184901	2.5054	103.5921
Norfentanyl	Norfentanyl-D5	6.364	69965	317215	0.2206	9.5101
alpha-PVP	alpha-PVP-d8	6.668	460678	189794	2.4273	105.3515
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	19080	102269	0.1866	9.8920
Norbuprenorphine	Norbuprenorphine-D3	7.255	561	2978	0.1883	9.1443
Fentanyl	Fentanyl-D5	7.299	13422	62266	0.2156	9.3899
EDDP	EDDP-D3	7.390	41305	17789	2.3220	105.4055
Sufentanil	Sufentanil-D5	7.559	8667	34573	0.2507	11.8406
Quetiapine	Quetiapine-D8	7.580	543408	69272	7.8446	107.5208
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	58548	25944	2.2567	95.8514
Methadone	Methadone-D9	7.643	170409	89322	1.9078	98.7741
Fluoxetine	Fluoxetine-D6	7.685	159096	69533	2.2881	104.6919
Oxazepam	Oxazepam-D5	7.710	55447	25080	2.2108	102.0457
Sertraline	Sertraline-D3	7.746	36035	17870	2.0165	88.3088
Temazepam	Temazepam-D5	7.768	393776	193818	2.0317	93.1488

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	5525	19512	0.2831	9.5144
Nordiazepam	Nordiazepam-D5	7.836	93655	26868	3.4858	99.4808
Diazepam	Diazepam-D5	7.891	387974	142910	2.7148	98.8935



ISP FORENSICS - Cd'A Instrument # 62340

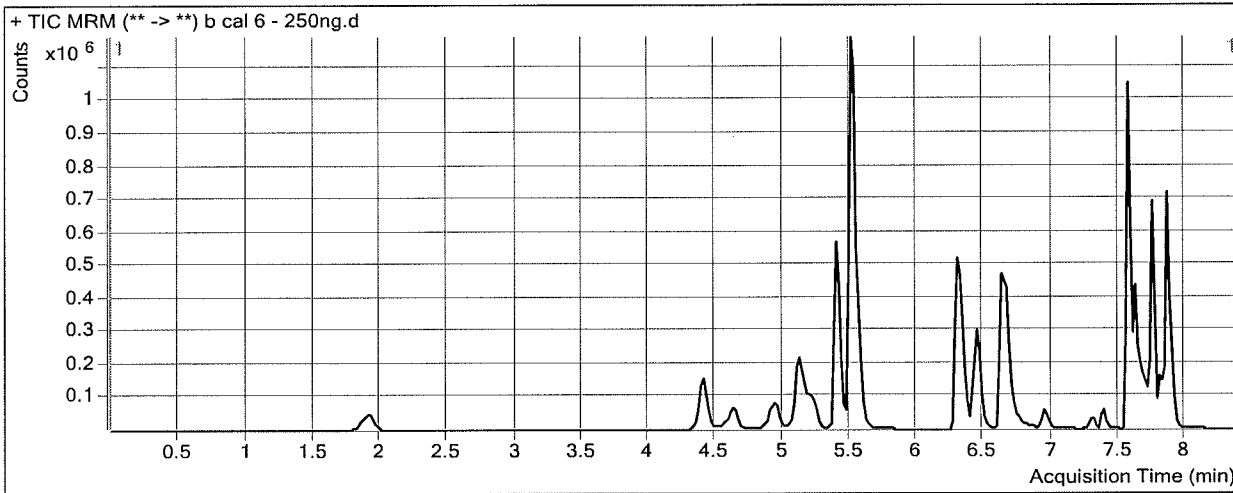
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin		
Analysis Time	3/9/2017 11:41 PM	Analyst Name	ISP Tox
Report Time	3/9/2017 11:45 PM	Reporter Name	ISP Tox
Last Calib Update	3/9/2017 11:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 16:25	Data File	b cal 6 - 250ng.d
Sample Type	Calibration	Sample Name	b cal 6 - 250ng
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	199922	34388	5.8138	249.1894
Dihydrocodeine	Dihydrocodeine-D6	4.417	404211	76616	5.2758	262.3873
Naloxone	Naloxone-D5	4.629	235979	66461	3.5507	244.0111
Noroxycodone	Noroxycodone-D3	4.937	248225	41680	5.9555	265.5943
Naltrexone	Naltrexone-D3	5.132	406502	74508	5.4558	261.1550
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	170069	305207	0.5572	24.2207
Naltrexol	Naltrexol-D3	5.390	1297568	201704	6.4330	251.4000
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	3588409	626586	5.7269	254.3770
Ketamine	Ketamine-D4	6.301	1244642	195407	6.3695	264.1644
Norfentanyl	Norfentanyl-D5	6.344	204863	352984	0.5804	24.5717
alpha-PVP	alpha-PVP-d8	6.648	1380890	226338	6.1010	265.0572
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	49104	104628	0.4693	24.8390
Norbuprenorphine	Norbuprenorphine-D3	7.255	1307	2328	0.5613	26.2355
Fentanyl	Fentanyl-D5	7.299	27699	48924	0.5662	24.2359
EDDP	EDDP-D3	7.390	121467	24131	5.0336	226.5371
Sufentanil	Sufentanil-D5	7.559	15255	29561	0.5160	24.5524
Quetiapine	Quetiapine-D8	7.560	1606938	78098	20.5758	283.6648
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	122935	20931	5.8733	247.0538
Methadone	Methadone-D9	7.623	382424	81763	4.6772	240.6112
Fluoxetine	Fluoxetine-D6	7.665	259306	46810	5.5395	253.7841
Oxazepam	Oxazepam-D5	7.710	136983	25165	5.4434	250.9311
Sertraline	Sertraline-D3	7.726	69435	11535	6.0192	262.1618
Temazepam	Temazepam-D5	7.748	911863	160640	5.6765	255.6304

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	10551	15165	0.6957	21.5055
Nordiazepam	Nordiazepam-D5	7.836	226676	25301	8.9590	252.2273
Diazepam	Diazepam-D5	7.871	914899	125237	7.3053	264.3141



ISP FORENSICS - Cd'A Instrument # 62340

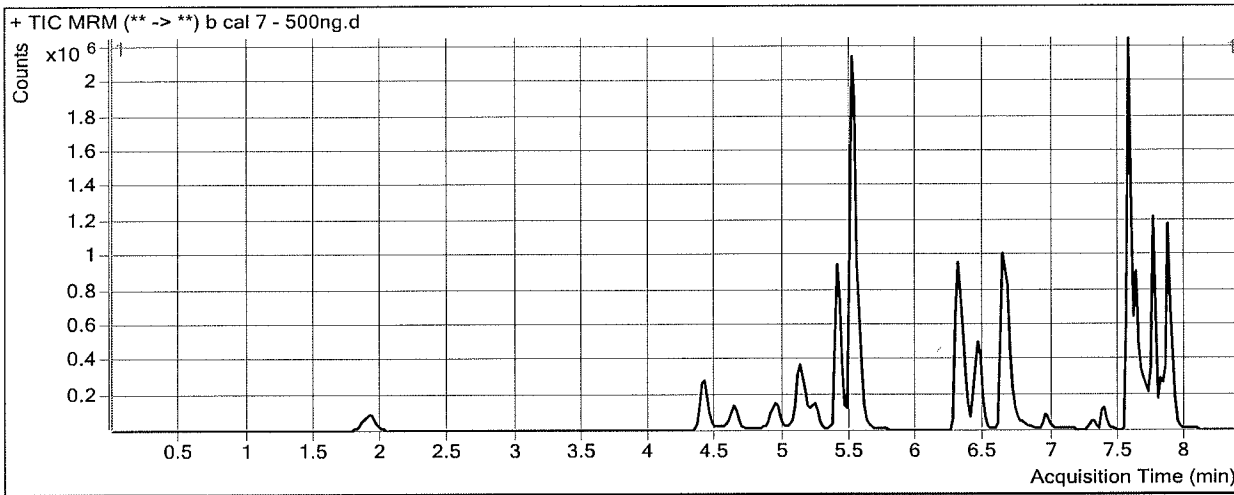
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin		
Analysis Time	3/9/2017 11:41 PM	Analyst Name	ISP Tox
Report Time	3/9/2017 11:45 PM	Reporter Name	ISP Tox
Last Calib Update	3/9/2017 11:41 PM	Batch State	Processed

Analysis Info

Acq Time	2017-03-09 16:50	Data File	b cal 7 - 500ng.d
Sample Type	Calibration	Sample Name	b cal 7 - 500ng
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-G1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.908	401454	34091	11.7761	504.0940
Dihydrocodeine	Dihydrocodeine-D6	4.417	758000	78798	9.6195	478.7543
Naloxone	Naloxone-D5	4.629	475745	64280	7.4011	507.8963
Noroxycodone	Noroxycodone-D3	4.937	474244	40633	11.6713	520.3033
Naltrexone	Naltrexone-D3	5.132	738463	69271	10.6605	510.6979
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	358437	307351	1.1662	50.5212
Naltrexol	Naltrexol-D3	5.390	2368978	187897	12.6079	492.9194
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	6982036	618580	11.2872	501.7871
Ketamine	Ketamine-D4	6.301	2438126	199441	12.2248	507.4808
Norfentanyl	Norfentanyl-D5	6.344	431608	366574	1.1774	49.5630
alpha-PVP	alpha-PVP-d8	6.648	2806362	242846	11.5561	502.2018
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	109528	113179	0.9677	51.1865
Norbuprenorphine	Norbuprenorphine-D3	7.255	3056	2588	1.1808	54.6163
Fentanyl	Fentanyl-D5	7.299	60019	49567	1.2109	51.5361
EDDP	EDDP-D3	7.390	291356	24966	11.6700	522.9893
Sufentanil	Sufentanil-D5	7.559	31897	30716	1.0384	49.5775
Quetiapine	Quetiapine-D8	7.560	3319378	89429	37.1175	512.5286
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	259970	20078	12.9480	542.8305
Methadone	Methadone-D9	7.623	862716	85575	10.0814	517.3866
Fluoxetine	Fluoxetine-D6	7.665	447354	40644	11.0067	504.4801
Oxazepam	Oxazepam-D5	7.710	269855	24098	11.1982	515.9792
Sertraline	Sertraline-D3	7.726	122677	11062	11.0904	482.4185
Temazepam	Temazepam-D5	7.748	1720449	151985	11.3199	507.2113

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	19084	11393	1.6751	49.9684
Nordiazepam	Nordiazepam-D5	7.815	406294	22910	17.7344	497.1301
Diazepam	Diazepam-D5	7.871	1650829	124573	13.2519	478.5991



ISP FORENSICS - Cd'A Instrument # 62340

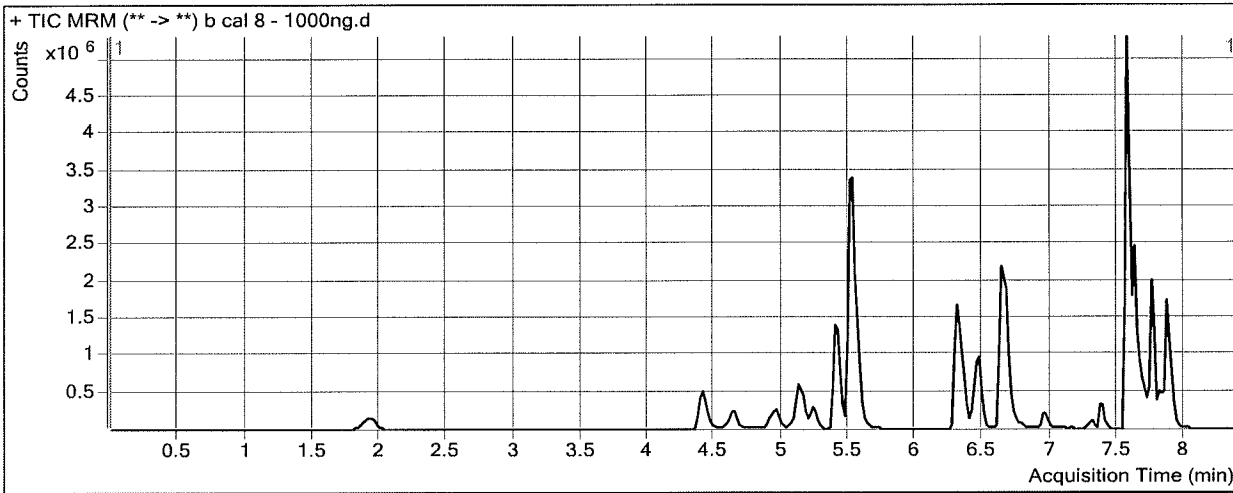
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 17:16 **Data File** b cal 8 - 1000ng.d
Sample Type Calibration **Sample Name** b cal 8 - 1000ng
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.928	754276	32278	23.3684	999.6979
Dihydrocodeine	Dihydrocodeine-D6	4.417	1373511	75200	18.2647	909.3895
Naloxone	Naloxone-D5	4.649	898405	60922	14.7467	1011.3143
Noroxycodone	Noroxycodone-D3	4.957	850335	39167	21.7105	967.6687
Naltrexone	Naltrexone-D3	5.132	1211056	59720	20.2789	971.8659
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.244	718970	306926	2.3425	101.3207
Naltrexol	Naltrexol-D3	5.390	3974293	166313	23.8965	934.4576
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.539	12566910	564968	22.2436	989.3019
Ketamine	Ketamine-D4	6.301	4544405	193859	23.4418	973.6028
Norfentanyl	Norfentanyl-D5	6.364	915023	378355	2.4184	101.5106
alpha-PVP	alpha-PVP-d8	6.648	6168658	273969	22.5159	978.6455
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	345949	184398	1.8761	99.2050
Norbuprenorphine	Norbuprenorphine-D3	7.255	6378	3092	2.0626	95.0199
Fentanyl	Fentanyl-D5	7.299	182515	77829	2.3451	99.5650
EDDP	EDDP-D3	7.390	769468	36493	21.0856	943.5911
Sufentanil	Sufentanil-D5	7.559	105336	50562	2.0833	99.6327
Quetiapine	Quetiapine-D8	7.560	8328744	122121	68.2009	942.5848
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	806518	35018	23.0315	964.3979
Methadone	Methadone-D9	7.623	2399891	123642	19.4100	995.1554
Fluoxetine	Fluoxetine-D6	7.665	1259804	58332	21.5972	990.0995
Oxazepam	Oxazepam-D5	7.710	487278	22843	21.3319	982.7095
Sertraline	Sertraline-D3	7.726	350346	14973	23.3980	1016.9774
Temazepam	Temazepam-D5	7.748	2989233	134498	22.2252	993.3619

ISP FORENSICS - Cd'A Instrument # 62340
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Buprenorphine	Buprenorphine-D4	7.757	42098	11946	3.5240	103.7032
Nordiazepam	Nordiazepam-D5	7.836	714344	19969	35.7731	1000.5519
Diazepam	Diazepam-D5	7.871	2681382	95682	28.0240	1010.9168

ISP FORENSICS - Cd'A Instrument # 62340

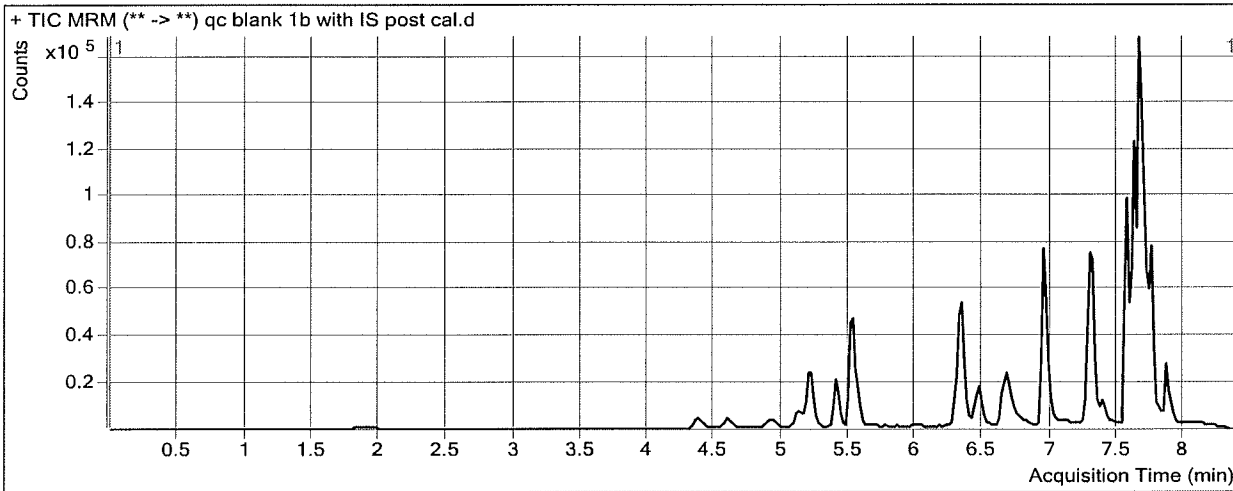
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\3-9-17 BAW AM 28 MDQ Panel 1\QuantResults\3-8-17 MDQ 1b.batch.bin
Analysis Time 3/9/2017 11:41 PM **Analyst Name** ISP Tox
Report Time 3/9/2017 11:46 PM **Reporter Name** ISP Tox
Last Calib Update 3/9/2017 11:41 PM **Batch State** Processed

Analysis Info

Acq Time 2017-03-09 17:41 **Data File** qc blank 1b with IS post cal.d
Sample Type Sample **Sample Name** qc blank 1b with IS
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position Vial 1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1 Confirmation

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	1564	55147	0.0284	3.8419