

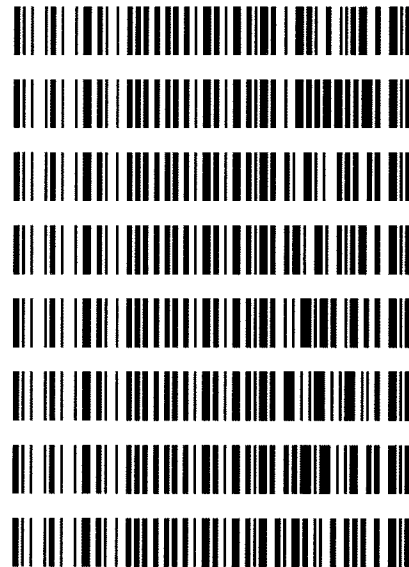
REVIEWED

By Tamara Salazar at 11:12 am, Mar 05, 2019

3/1/2019

Worklist: 2997

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
C2019-0255	1	143276	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0262	1	143275	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0272	1	143274	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0279	1	143280	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0325	1	143278	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0349	1	143277	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0350	1	143279	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC
C2019-0358	1	143281	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC



Toxicology AM method 28 panel 1 external prep information
 working solution 10000 ng/ml in meoh Lorazepam, alprazolam, diphenhydramine, methadone, sertraline
 Stock solution 1mg/ml 100 ul each in 9500 ul meOH
 Ppd 3/19/18 Exp: 3/19/19 lot 31919 by AMN

Drug	lot	expiration
alprazolam	fe07161509	7/1/2020
diphenhydramine	fn09161502	9/1/2020
Lorazepam	fe04231401	5/1/2019
methadone	fe06221502	7/1/2020
sertraline	fn01081501	3/1/2020

AM 28 control 50 ul working solution lot (31919) in 9950 ul blood lot (17J20718)
 ppd 3/19/18 Exp 9/19/18 by AMN Concentration 50 ng/ml each lot 91918
 ppd 10/10/18 Exp 3/19/19 by AMN Concentration 50 ng/ml each lot 101018

AM# 28: Multi-Drug Quantitation in Blood by LC-MS/MS

Panel 1

Extraction Date: 2/27/19

Analyst: Britany Wylie

Plate lot#: 190124 ~~(part EDP-111)~~
(part IDP-111) *BW*

Plate Expiration: 7/24/19

Mobile phase A: 5mM Amm Form + 0.01% FA
0.5M Ammonium Hydroxide

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 19A207P3

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

LCMS-QQQ ID: 62340

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: 2019 Data\022819 mdqr Batch Name: mdqp1a, mdqp1b
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: Lorazepam 10-1000

Curves limited: a-hydroxyalprazolam 5-500; 6-monoacetylmorphine 1-100, metoprolol 5-500, amphetamine 5-500, norhydrocodone 25-1000, Phentermine 10-1000, 7-aminoclonazepam 5-500, benzoylecgonine 5-250, buprenorphine 0.5-50, norbuprenorphine 2.5-100, norfentanyl 2.5-100, Lamotrigine 5-250, Mitragynine 5-250, Fluoxetine 10-1000

Not evaluated: Noroxycodone, EDDP, dihydrocodeine

Evaluated qualitative only: diphenhydramine (external controls high), Diazepam (10ng QC peak cutoff-ratio out)

BW

ISP FORENSICS - Cd'A Instrument # 62340

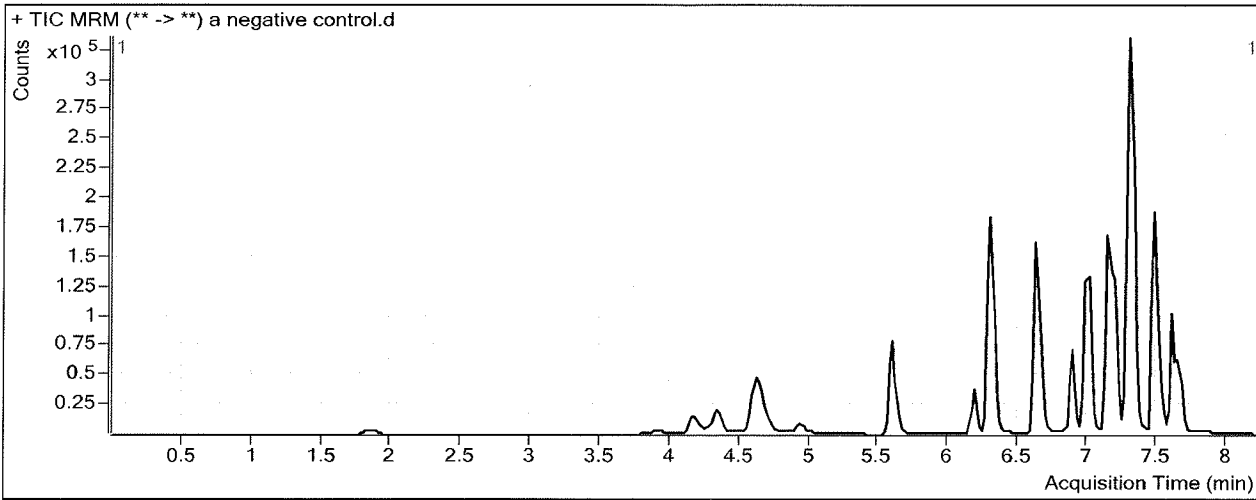
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 20:01 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1, negative

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-aminoclonazepam	7-Aminoclonazepam-D4	6.251	5815	78250	0.0743	3.5446 < 5

ISP FORENSICS - Cd'A Instrument # 62340

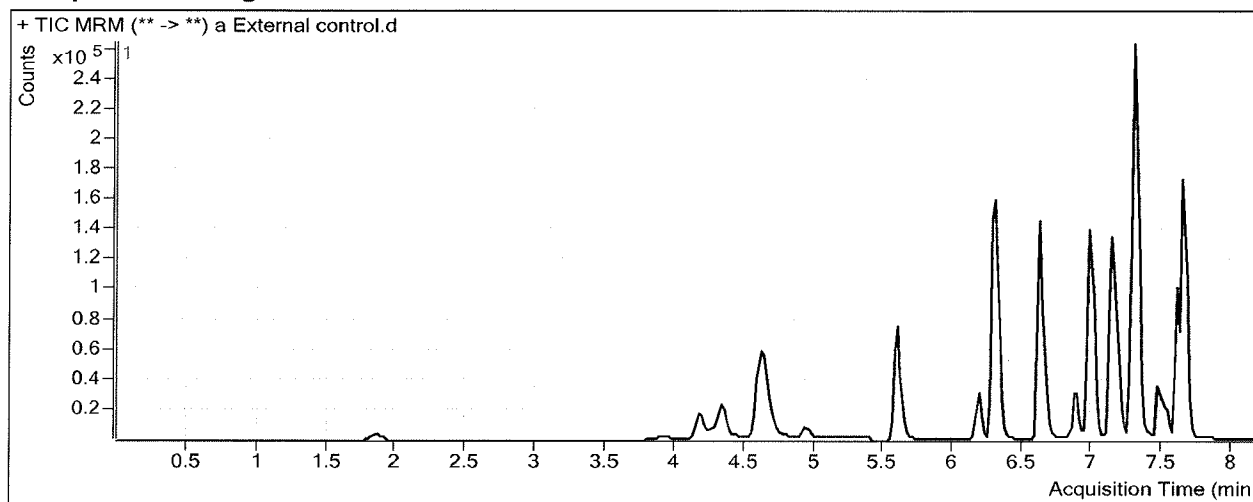
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin		
Analysis Time	3/4/2019 1:10 PM	Analyst Name	ISP Tox
Report Time	3/4/2019 1:14 PM	Reporter Name	ISP Tox
Last Calib Update	3/4/2019 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 20:26	Data File	a External control.d
Sample Type	Sample	Sample Name	a External control
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-F2	Sample Info	
Inj Vol	-1	Comment	AM 28; external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.323	30050	78276	0.3839	2.6232 < 5
Diphenhydramine	Diphenhydramine-D3	7.312	220990	244030	0.9056	39.8847
Lorazepam	Clonazepam-D4	7.623	43418	28212	1.5390	57.7660
Alprazolam	Alprazolam-D5	7.647	116607	100070	1.1653	40.7032

ISP FORENSICS - Cd'A Instrument # 62340

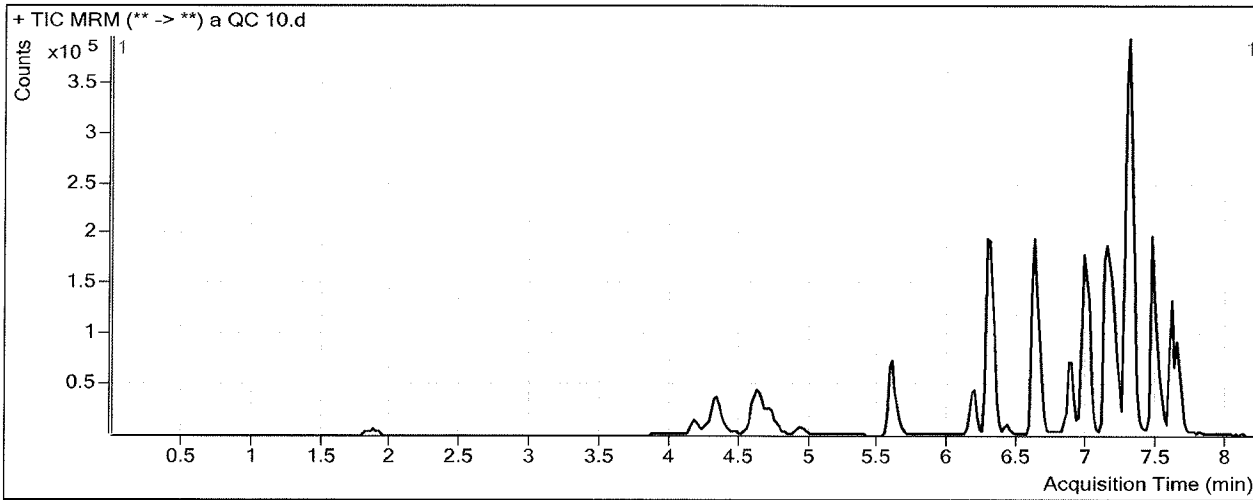
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 20:52 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	1697	2262	0.7504	8.4457
Hydromorphone	Hydromorphone-D6	1.889	6614	23330	0.2835	10.1231
Codeine	Codeine-D6	3.993	3167	12047	0.2629	9.7023
Amphetamine	Amphetamine-D11	4.323	64854	64602	1.0039	10.1383
Oxycodone	Oxycodone-D6	4.389	18492	82054	0.2254	10.7932
Hydrocodone	Hydrocodone-D6	4.694	11345	66397	0.1709	10.4114
Norhydrocodone	Norhydrocodone-D3	4.738	1132	23779	0.0476	19.8449 outside curve range
Methamphetamine	Methamphetamine-D11	4.741	42378	163801	0.2587	9.4864
6-MAM	6-MAM-D6	4.948	421	21705	0.0194	1.0808
Phentermine	Phentermine-D5	5.646	19352	267806	0.0723	9.2122
Dextropropion	Dextropropion-D3	6.184	13094	107841	0.1214	10.0517
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	16987	78106	0.2175	10.6871
Tramadol	Tramadol-13C-D3	6.303	106815	471637	0.2265	11.0311
Metoprolol	Oxycodone-D6	6.416	13735	82054	0.1674	10.2573
Doxylamine	Doxylamine-D5	6.640	102971	497532	0.2070	10.2991
Bupropion	Bupropion-D9	6.890	49108	190541	0.2577	10.5902
Zolpidem	Zolpidem-D6	7.000	67189	364113	0.1845	9.9059
Meprobamate	Meprobamate-D7	6.992	18673	91477	0.2041	10.7489
Venlafaxine	Venlafaxine-D6	7.145	93211	448105	0.2080	9.6480
Trazodone	Trazodone-D6	7.215	56273	275626	0.2042	9.9584
Citalopram	Citalopram-D6	7.277	72178	329226	0.2192	10.2780
Dextromethorphan	Dextromethorphan-D3	7.288	16690	90004	0.1854	9.9084
Diphenhydramine	Diphenhydramine-D3	7.312	143760	606345	0.2371	10.2147

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

a qc 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	19037	30580	0.6225	9.7661
Promethazine	Promethazine-D3	7.467	70418	380742	0.1849	10.2488
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	5053	22446	0.2251	10.2831
Carisoprodol	Carisoprodol-D7	7.612	32179	216560	0.1486	9.4293
Lorazepam	Clonazepam-D4	7.623	10697	30580	0.3498	8.3121
Alprazolam	Alprazolam-D5	7.647	28964	112168	0.2582	9.3678

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ISP FORENSICS - Cd'A Instrument # 62340

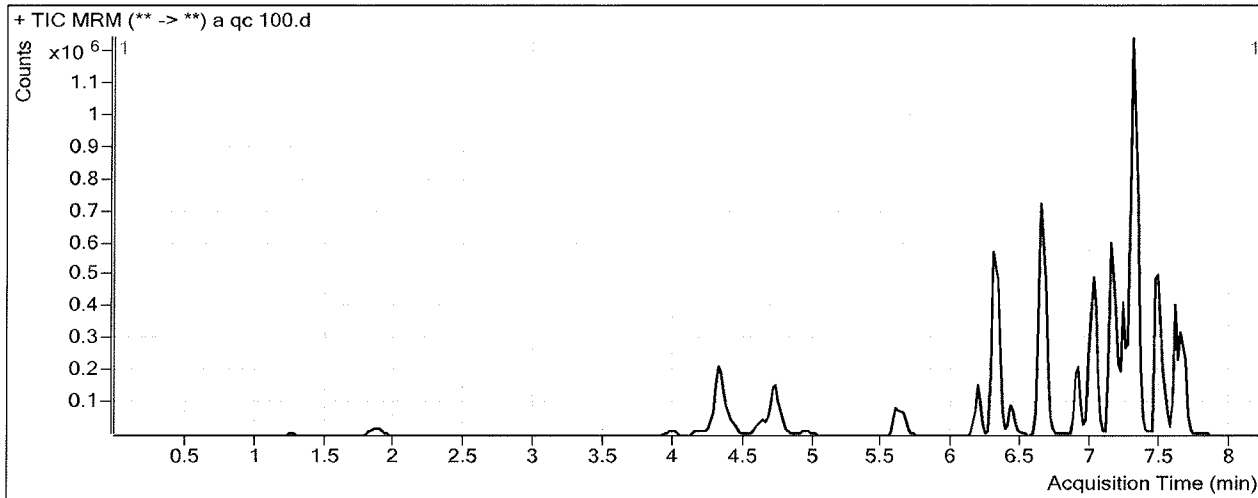
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-03-01 09:43 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	16370	2138	7.6566	81.4877
Hydromorphone	Hydromorphone-D6	1.869	69896	25493	2.7418	95.6494
Codeine	Codeine-D6	3.993	32035	12289	2.6068	93.2816
Amphetamine	Amphetamine-D11	4.323	595530	68215	8.7302	103.7874
Oxycodone	Oxycodone-D6	4.389	186019	81598	2.2797	104.2315
Hydrocodone	Hydrocodone-D6	4.714	117227	65023	1.8028	107.9625
Norhydrocodone	Norhydrocodone-D3	4.738	13872	24428	0.5679	83.0251
Methamphetamine	Methamphetamine-D11	4.741	367868	147643	2.4916	97.4767
6-MAM	6-MAM-D6	4.948	4047	21550	0.1878	8.9614
Phentermine	Phentermine-D5	5.646	191321	261017	0.7330	106.3984
Dextroprphan	Dextroprphan-D3	6.184	140011	104392	1.3412	105.9556
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	157553	71543	2.2022	109.6990
Tramadol	Tramadol-13C-D3	6.323	1039235	493388	2.1063	109.0227
Metoprolol	Oxycodone-D6	6.416	138627	81598	1.6989	103.8104
Doxylamine	Doxylamine-D5	6.640	1058579	509878	2.0761	102.8783
Bupropion	Bupropion-D9	6.910	386306	144213	2.6787	107.5591
Zolpidem	Zolpidem-D6	7.021	679325	356049	1.9080	104.8578
Meprobamate	Meprobamate-D7	7.012	166941	82527	2.0229	115.5424
Venlafaxine	Venlafaxine-D6	7.145	979999	454186	2.1577	96.5280
Trazodone	Trazodone-D6	7.215	589908	276187	2.1359	99.5143
Citalopram	Citalopram-D6	7.277	672538	309599	2.1723	99.9968
Dextromethorphan	Dextromethorphan-D3	7.288	167915	84805	1.9800	93.6129
Diphenhydramine	Diphenhydramine-D3	7.312	1356552	540347	2.5105	111.1175

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

A qc 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	144585	21757	6.6456	101.9849
Promethazine	Promethazine-D3	7.487	824563	443387	1.8597	100.2494
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	44314	18706	2.3690	95.6173
Carisoprodol	Carisoprodol-D7	7.612	296898	163651	1.8142	110.7736
Lorazepam	Clonazepam-D4	7.623	55378	21757	2.5453	99.6149
Alprazolam	Alprazolam-D5	7.647	274925	91989	2.9887	103.6969

ISP FORENSICS - Cd'A Instrument # 62340

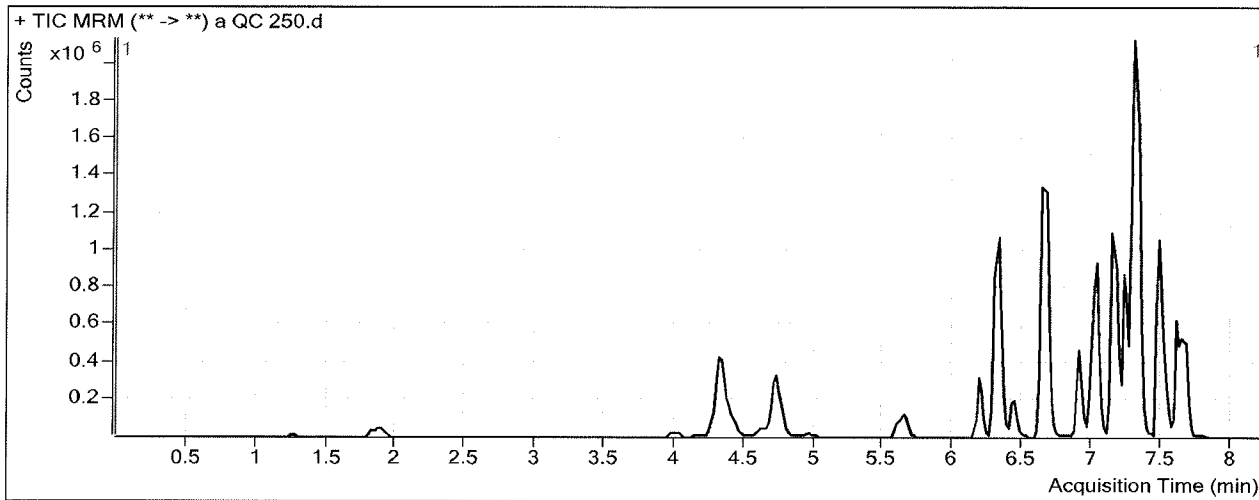
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-03-01 10:08 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	36848	1759	20.9535	222.1191
Hydromorphone	Hydromorphone-D6	1.889	163759	23365	7.0088	244.1035
Codeine	Codeine-D6	3.993	72518	10636	6.8181	243.4455
Amphetamine	Amphetamine-D11	4.323	1271650	62990	20.1882	242.6684
Oxycodone	Oxycodone-D6	4.389	426240	73741	5.7802	263.4491
Hydrocodone	Hydrocodone-D6	4.714	266485	62218	4.2831	256.2169
Norhydrocodone	Norhydrocodone-D3	4.759	31666	19202	1.6492	214.3405
Methamphetamine	Methamphetamine-D11	4.741	758348	121864	6.2229	244.5136
6-MAM	6-MAM-D6	4.948	10203	20283	0.5030	23.7167
Phentermine	Phentermine-D5	5.646	380922	218042	1.7470	255.5538
Dextroprphan	Dextroprphan-D3	6.184	337965	99870	3.3840	266.5731
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	328234	66925	4.9045	244.5056
Tramadol	Tramadol-13C-D3	6.323	2383237	478891	4.9766	258.6416
Metoprolol	Oxycodone-D6	6.436	318431	73741	4.3182	263.8134
Doxylamine	Doxylamine-D5	6.662	2501218	496430	5.0384	249.5977
Bupropion	Bupropion-D9	6.910	857823	132830	6.4581	258.9348
Zolpidem	Zolpidem-D6	7.021	1604264	339903	4.7198	259.7750
Meprobamate	Meprobamate-D7	7.012	322882	71756	4.4997	258.2555
Venlafaxine	Venlafaxine-D6	7.145	2226052	423094	5.2614	234.8299
Trazodone	Trazodone-D6	7.215	1436860	268520	5.3510	248.5698
Citalopram	Citalopram-D6	7.277	1490196	263167	5.6625	260.3316
Dextromethorphan	Dextromethorphan-D3	7.309	377957	77620	4.8693	228.3786
Diphenhydramine	Diphenhydramine-D3	7.332	2966168	497767	5.9590	264.1714

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

a ac 280

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	261470	14120	18.5180	283.7650
Promethazine	Promethazine-D3	7.487	1962270	430047	4.5629	245.5209
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.600	84173	14413	5.8401	233.7854
Carisoprodol	Carisoprodol-D7	7.612	597193	139173	4.2910	261.4716
Lorazepam	Clonazepam-D4	7.643	80297	14120	5.6869	230.2573
Alprazolam	Alprazolam-D5	7.667	561418	78196	7.1797	248.4818

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ISP FORENSICS - Cd'A Instrument # 62340

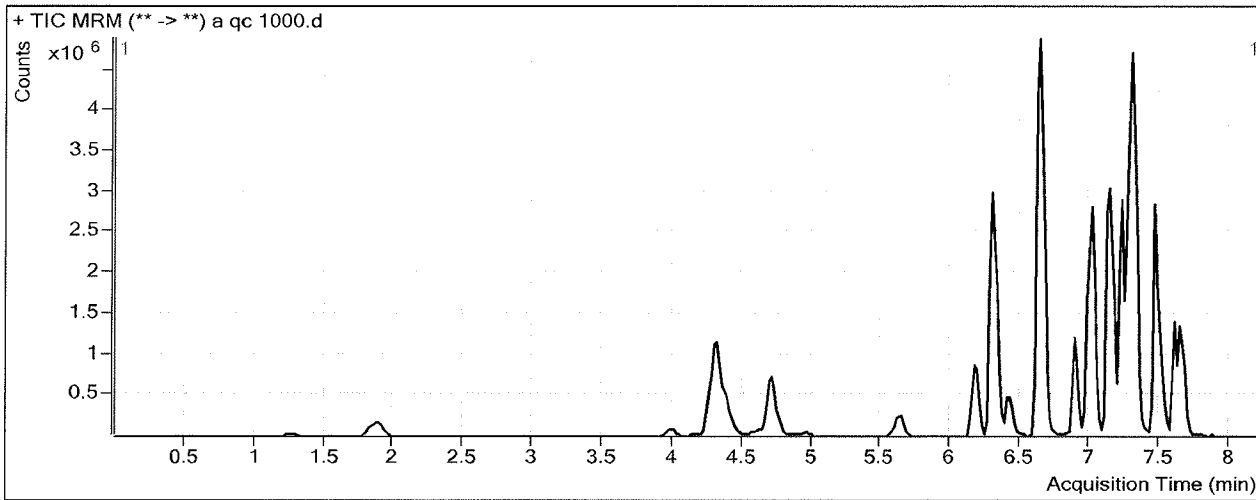
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-03-01 10:34 **Data File** a qc 1000.d
Sample Type QC **Sample Name** a qc 1000
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	130978	1566	83.6632	885.3520
Hydromorphone	Hydromorphone-D6	1.889	649053	22009	29.4905	1026.2676
Codeine	Codeine-D6	3.993	249724	8448	29.5605	1054.3866
Amphetamine	Amphetamine-D11	4.303	3253718	54615	59.5756	720.0760 <i>outside range</i>
Oxycodone	Oxycodone-D6	4.369	1622505	69213	23.4423	1066.7868
Hydrocodone	Hydrocodone-D6	4.694	971980	58112	16.7261	999.9943
Norhydrocodone	Norhydrocodone-D3	4.738	119319	15720	7.5903	935.8424
Methamphetamine	Methamphetamine-D11	4.721	1441519	63081	22.8519	899.8061
6-MAM	6-MAM-D6	4.948	39373	18409	2.1388	100.2799
Phentermine	Phentermine-D5	5.646	943750	147666	6.3911	938.6551
Dextropropion	Dextropropion-D3	6.164	1156611	82757	13.9760	1099.3546
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	719589	47150	15.2616	761.1877 <i>outside range</i>
Tramadol	Tramadol-13C-D3	6.303	7652068	476876	16.0462	835.6749
Metoprolol	Oxycodone-D6	6.416	896158	69213	12.9479	790.9606 <i>outside range</i>
Doxylamine	Doxylamine-D5	6.640	9355635	469987	19.9061	985.9870
Bupropion	Bupropion-D9	6.890	2418338	95157	25.4142	1018.1949
Zolpidem	Zolpidem-D6	7.000	5456442	300578	18.1531	999.8858
Meprobamate	Meprobamate-D7	6.992	820138	50569	16.2182	933.4591
Venlafaxine	Venlafaxine-D6	7.145	7754288	355474	21.8139	972.4266
Trazodone	Trazodone-D6	7.215	4894047	233007	21.0038	974.2394
Citalopram	Citalopram-D6	7.257	3466302	157118	22.0618	1013.6796
Dextromethorphan	Dextromethorphan-D3	7.288	1005933	44795	22.4563	1048.6810
Diphenhydramine	Diphenhydramine-D3	7.312	8356306	359261	23.2597	1032.0405

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

a qc 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	499303	7637	65.3753	1001.1985
Promethazine	Promethazine-D3	7.467	5479352	280684	19.5214	1049.3890
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	208992	4433	47.1430	1877.8329 outside curve range
Carisoprodol	Carisoprodol-D7	7.612	1222439	90880	13.4512	818.8190
Lorazepam	Clonazepam-D4	7.623	210650	7637	27.5811	1140.7418
Alprazolam	Alprazolam-D5	7.647	1418590	49220	28.8215	996.1383

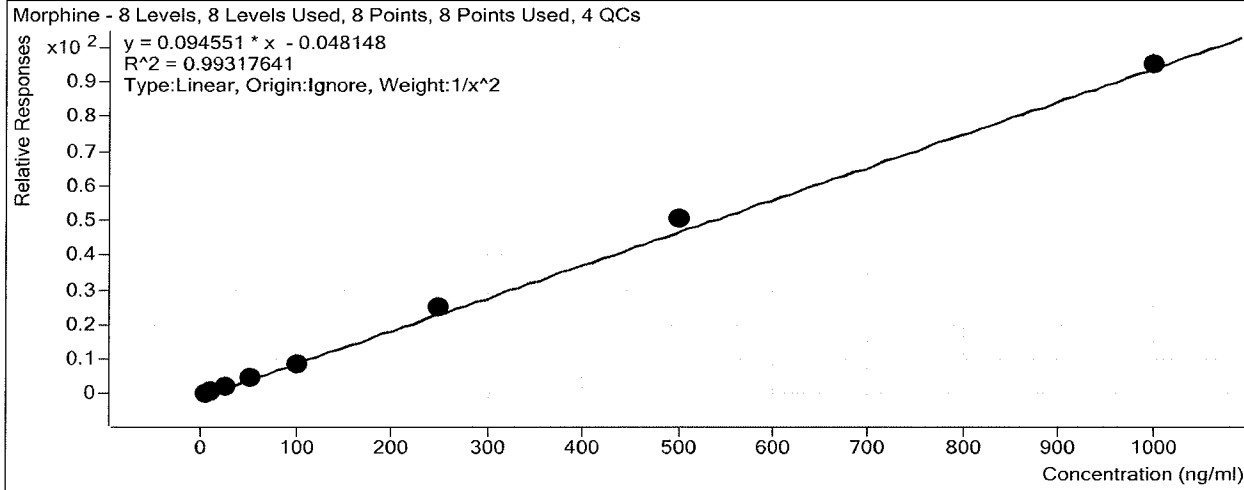
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.0
a QC 10	2	<input checked="" type="checkbox"/>	10	8.4	84.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a qc 100	5	<input checked="" type="checkbox"/>	100	81.5	81.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.4	106.6
a QC 250	6	<input checked="" type="checkbox"/>	250	222.1	88.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	539.7	107.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.8	100.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	885.4	88.5

[Handwritten Signature]

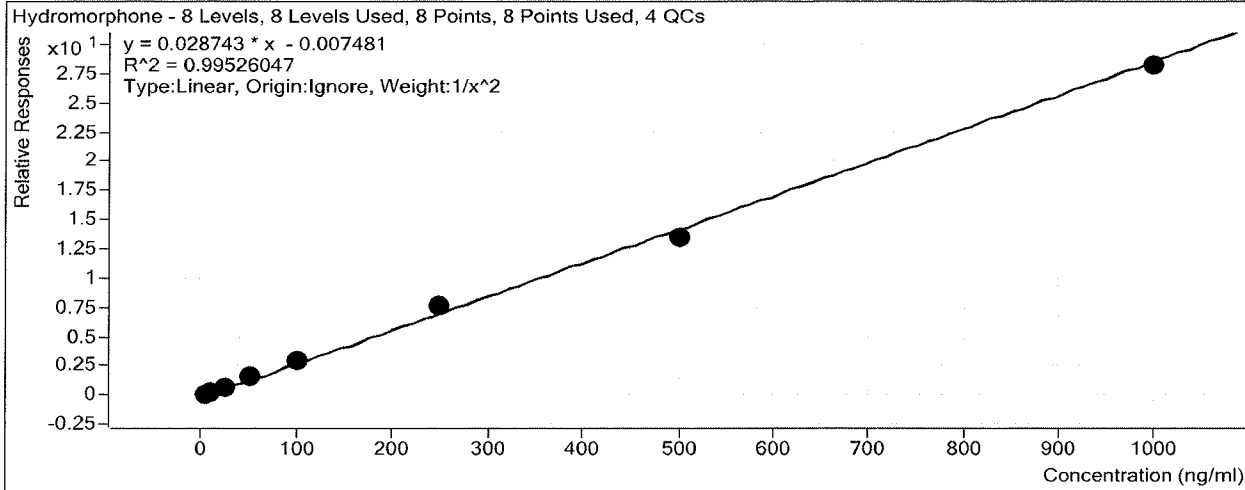
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	106.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a qc 100	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.0	106.0
a QC 250	6	<input checked="" type="checkbox"/>	250	244.1	97.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.1	94.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	980.2	98.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1026.3	102.6

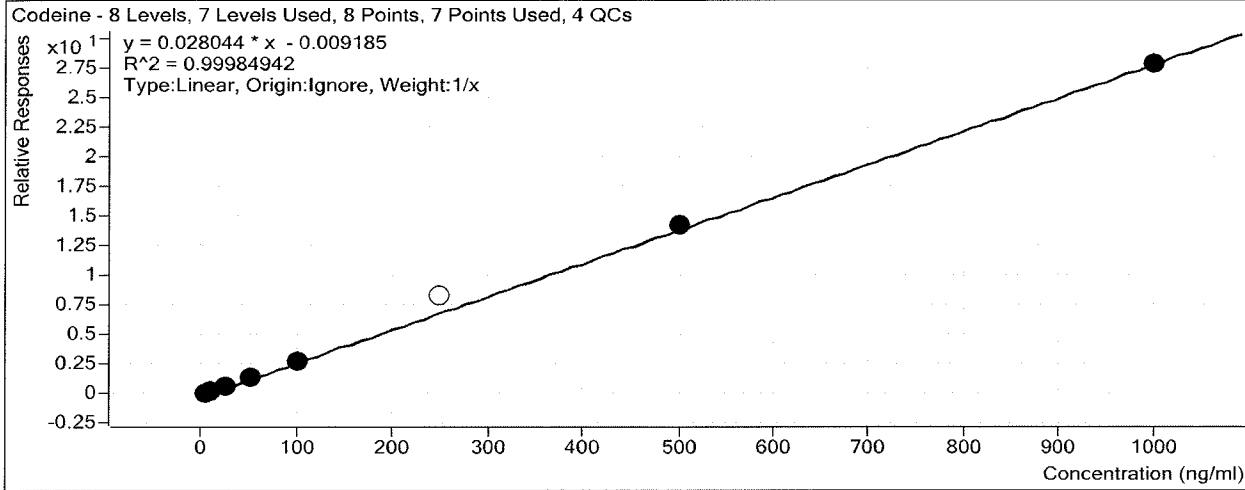
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a qc 100	5	<input checked="" type="checkbox"/>	100	93.3	93.3
a cal 6-250ng	6	<input type="checkbox"/>	250	299.2	119.7
a QC 250	6	<input type="checkbox"/>	250	243.4	97.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.7	101.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	995.0	99.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1054.4	105.4

-top of peak cutoff

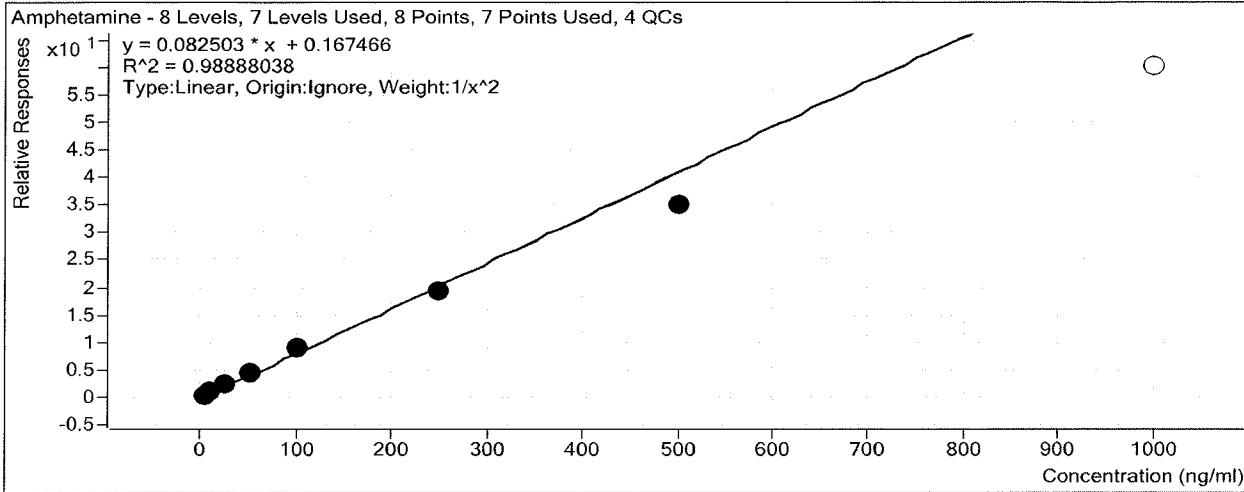
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.1	106.1
a qc 100	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.1	94.1
a QC 250	6	<input checked="" type="checkbox"/>	250	242.7	97.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	423.8	84.8
a cal 8-1000ng	8	<input type="checkbox"/>	1000	727.3	72.7
a qc 1000	8	<input type="checkbox"/>	1000	720.1	72.0

BW

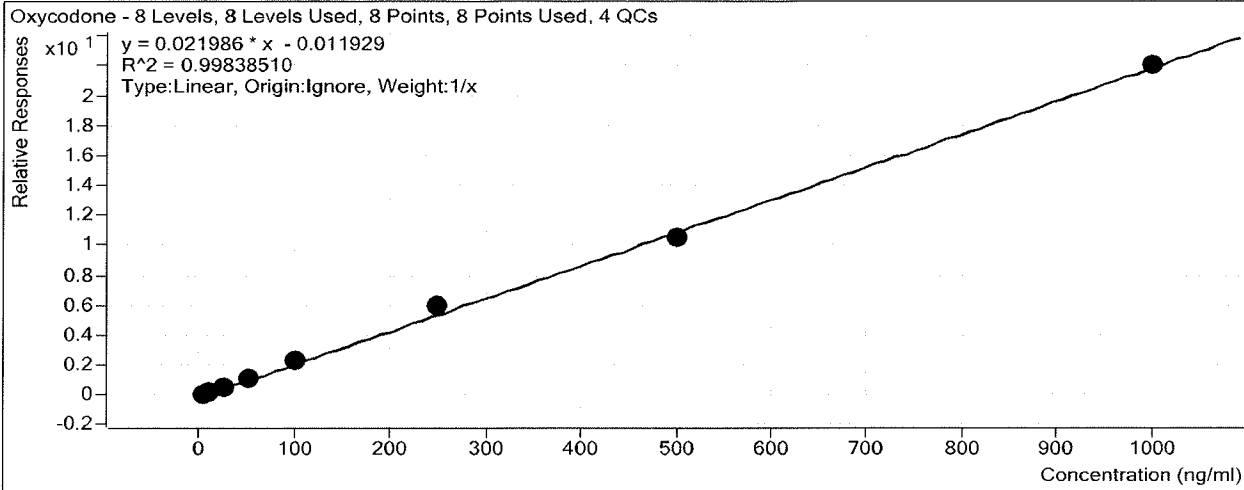
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.2	107.7
a QC 250	6	<input checked="" type="checkbox"/>	250	263.4	105.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.9	95.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1001.4	100.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1066.8	106.7

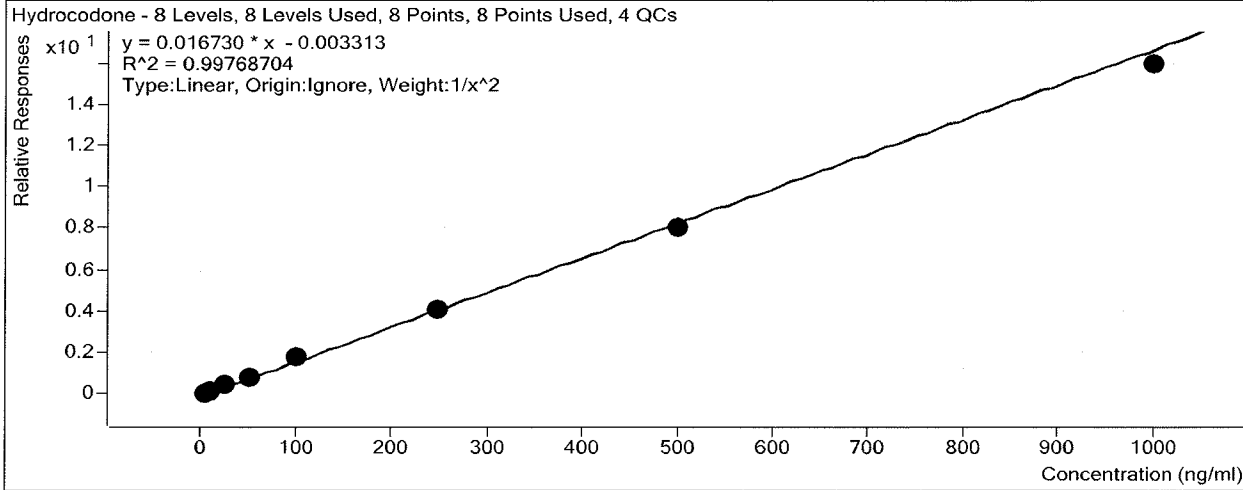
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.7	106.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a qc 100	5	<input checked="" type="checkbox"/>	100	108.0	108.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.4	97.8
a QC 250	6	<input checked="" type="checkbox"/>	250	256.2	102.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.1	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	951.0	95.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1000.0	100.0

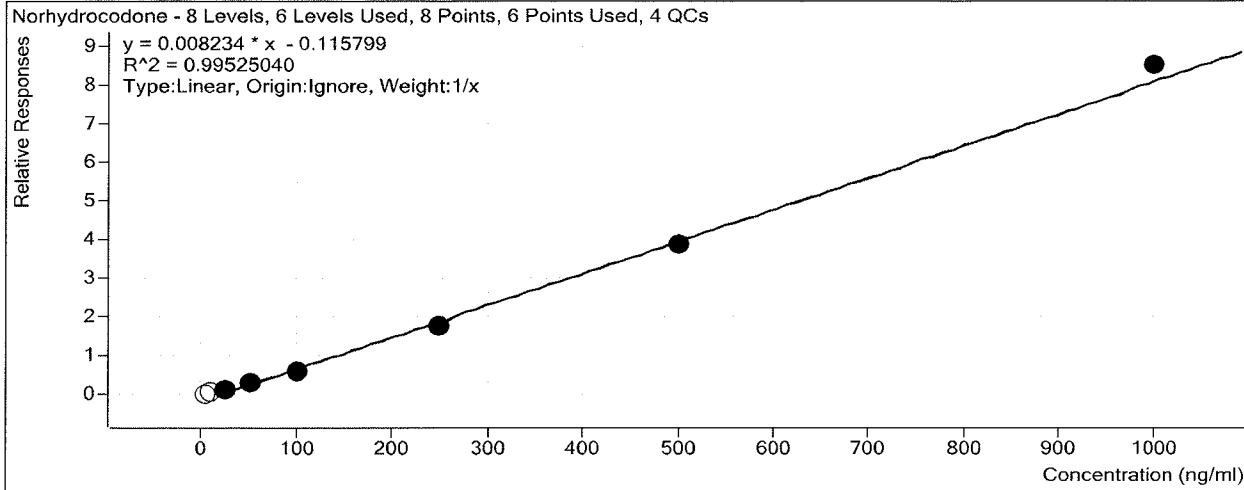
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
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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 type="checkbox"/>	5	17.1	343.0
a cal 2-10ng	2	<input type="checkbox"/>	10	20.4	203.5
a QC 10	2	<input type="checkbox"/>	10	19.8	198.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.8	119.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	89.0	89.0
a qc 100	5	<input checked="" type="checkbox"/>	100	83.0	83.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	225.4	90.2
a QC 250	6	<input checked="" type="checkbox"/>	250	214.3	85.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.2	97.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1044.7	104.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	935.8	93.6

FW

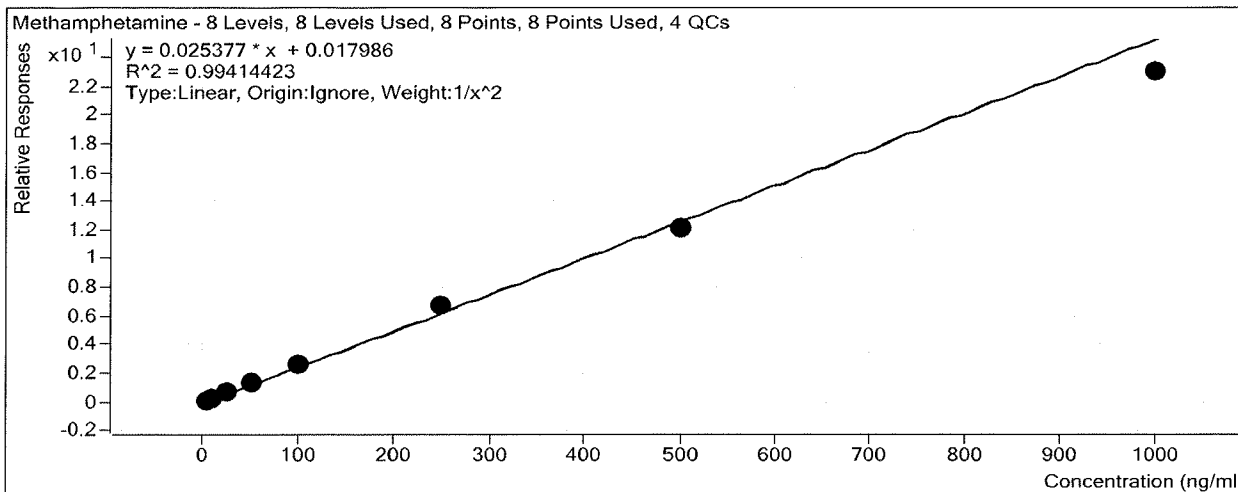
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
a qc 100	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.9	105.5
a QC 250	6	<input checked="" type="checkbox"/>	250	244.5	97.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.9	95.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	905.2	90.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	899.8	90.0

BD

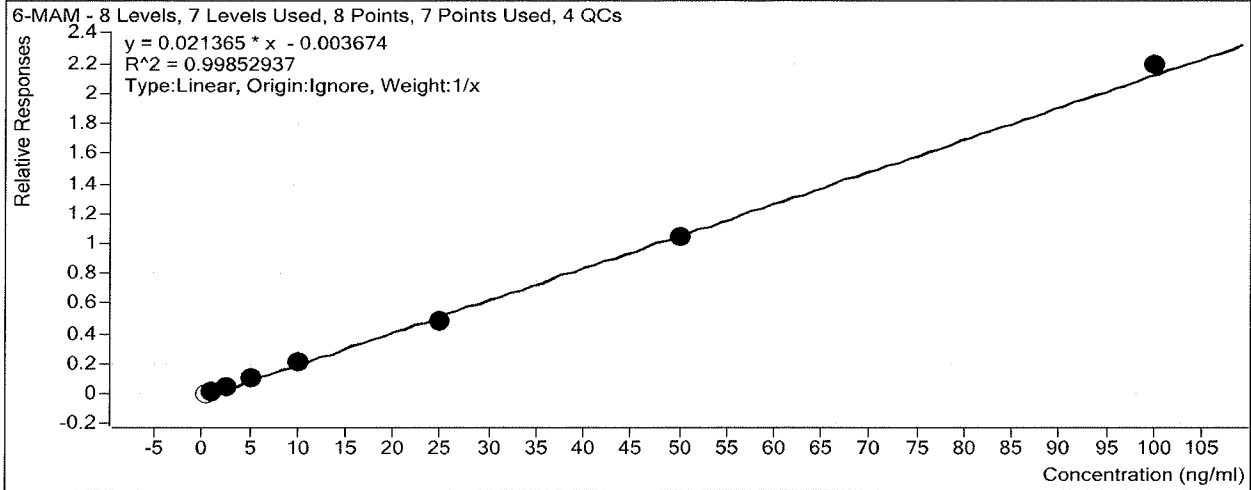
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	0.5	0.6	123.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	113.9
a QC 10	2	<input checked="" type="checkbox"/>	1	1.1	108.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	92.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.0	100.5
a qc 100	5	<input checked="" type="checkbox"/>	10	9.0	89.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.1	92.6
a QC 250	6	<input checked="" type="checkbox"/>	25	23.7	94.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.4	98.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.5	102.5
a qc 1000	8	<input checked="" type="checkbox"/>	100	100.3	100.3

BW

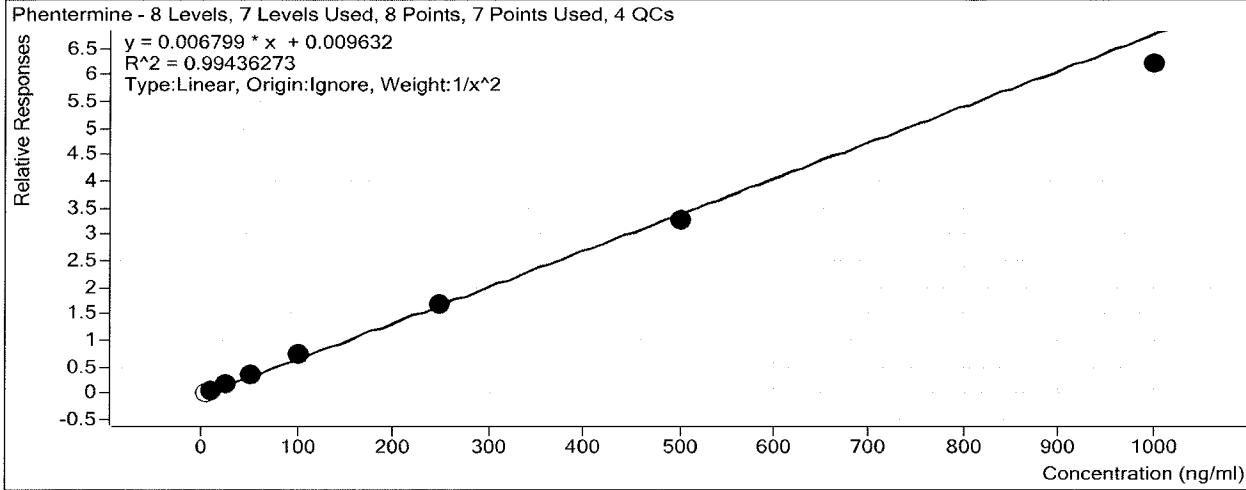
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	3.8	75.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.6	108.6
a qc 100	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.9	97.9
a QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.4	95.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	911.3	91.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	938.7	93.9

FW

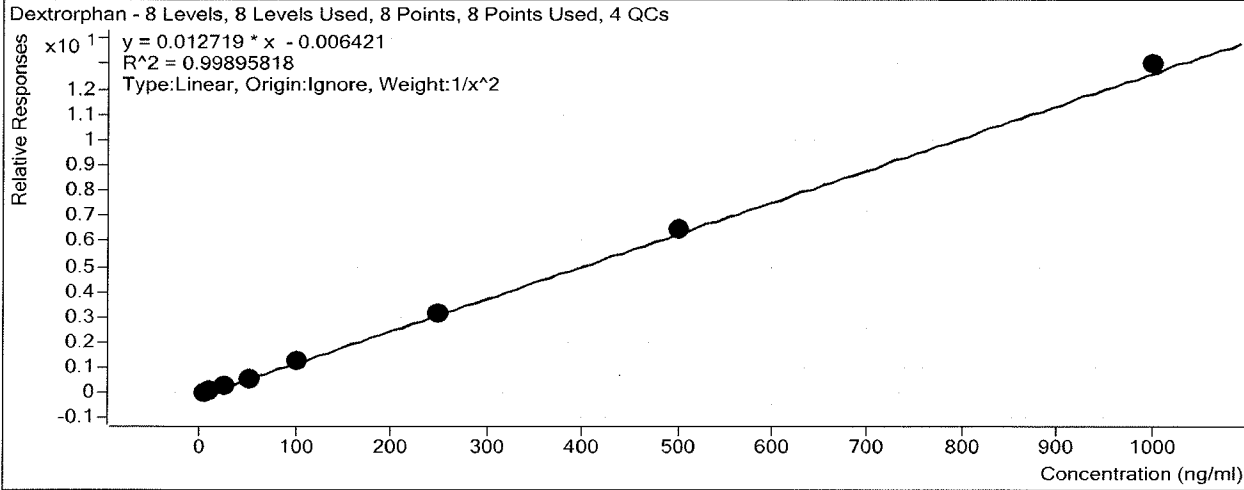
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

Target Compound *Dextrophan*
Internal Standard *Dextrophan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	101.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a qc 100	5	<input checked="" type="checkbox"/>	100	106.0	106.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.3	100.5
a QC 250	6	<input checked="" type="checkbox"/>	250	266.6	106.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.3	102.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1022.4	102.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1099.4	109.9

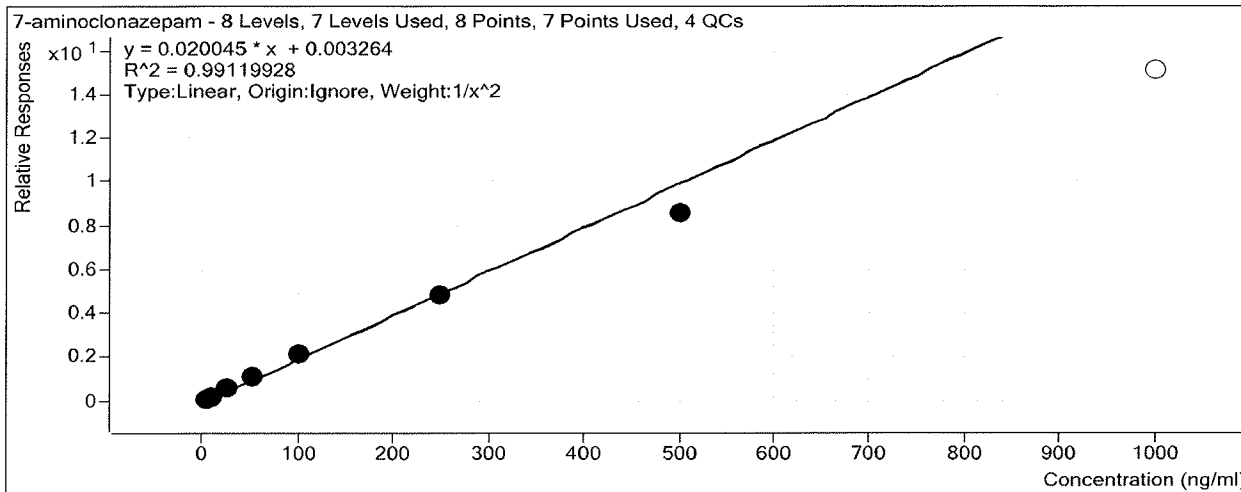
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



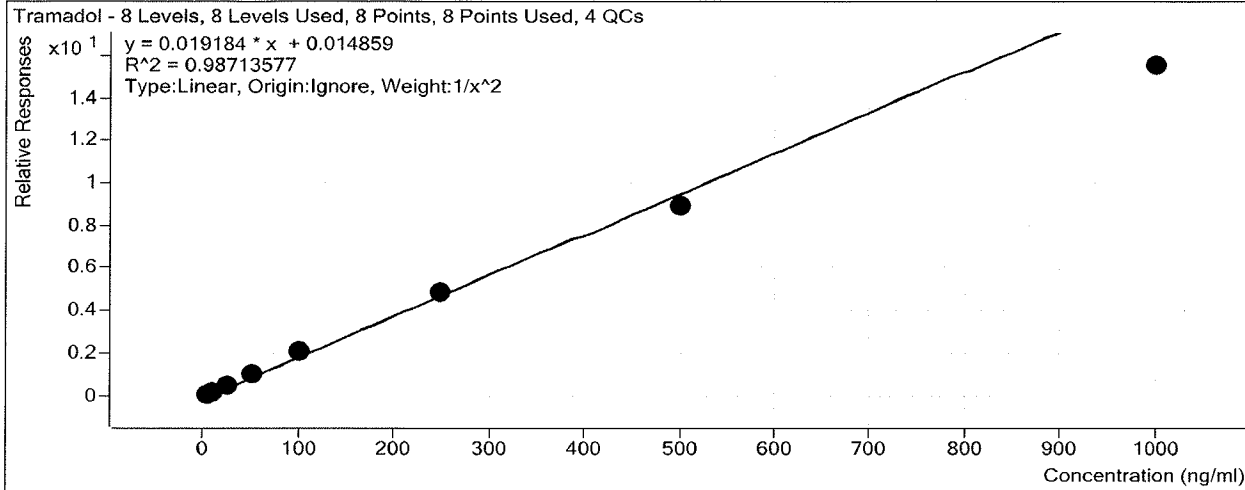
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100	5	<input checked="" type="checkbox"/>	100	109.7	109.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.7	95.9
a QC 250	6	<input checked="" type="checkbox"/>	250	244.5	97.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	426.4	85.3
a cal 8-1000ng	8	<input type="checkbox"/>	1000	753.3	75.3
a qc 1000	8	<input type="checkbox"/>	1000	761.2	76.1

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.2	108.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.9	109.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.0	107.0
a qc 100	5	<input checked="" type="checkbox"/>	100	109.0	109.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.2	101.3
a QC 250	6	<input checked="" type="checkbox"/>	250	258.6	103.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	464.8	93.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	808.5	80.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	835.7	83.6

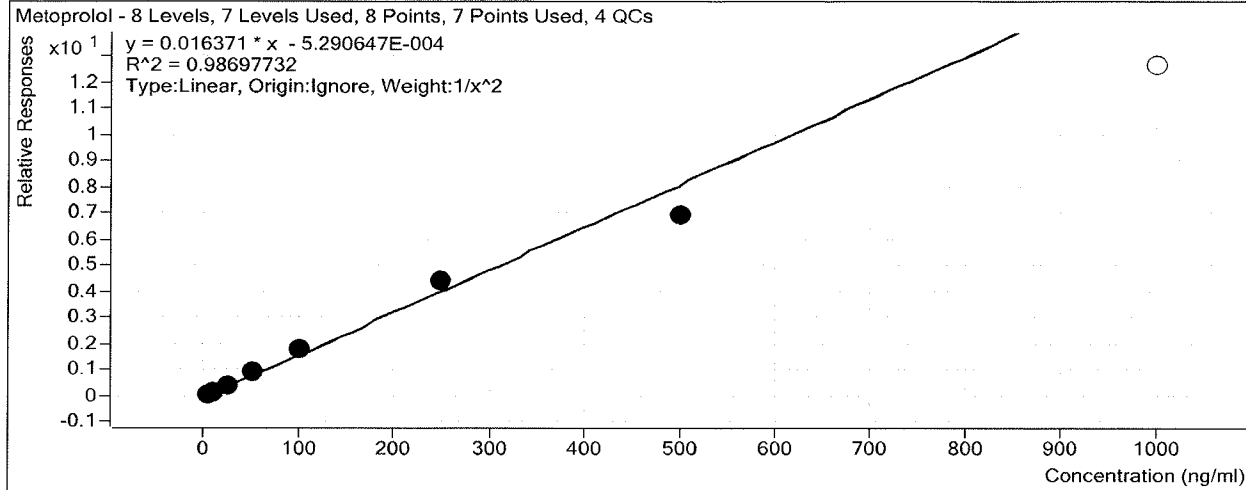
BTJ

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.5	109.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.2	108.2
a qc 100	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.4	108.2
a QC 250	6	<input checked="" type="checkbox"/>	250	263.8	105.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	420.7	84.1
a cal 8-1000ng	8	<input type="checkbox"/>	1000	772.0	77.2
a qc 1000	8	<input type="checkbox"/>	1000	791.0	79.1

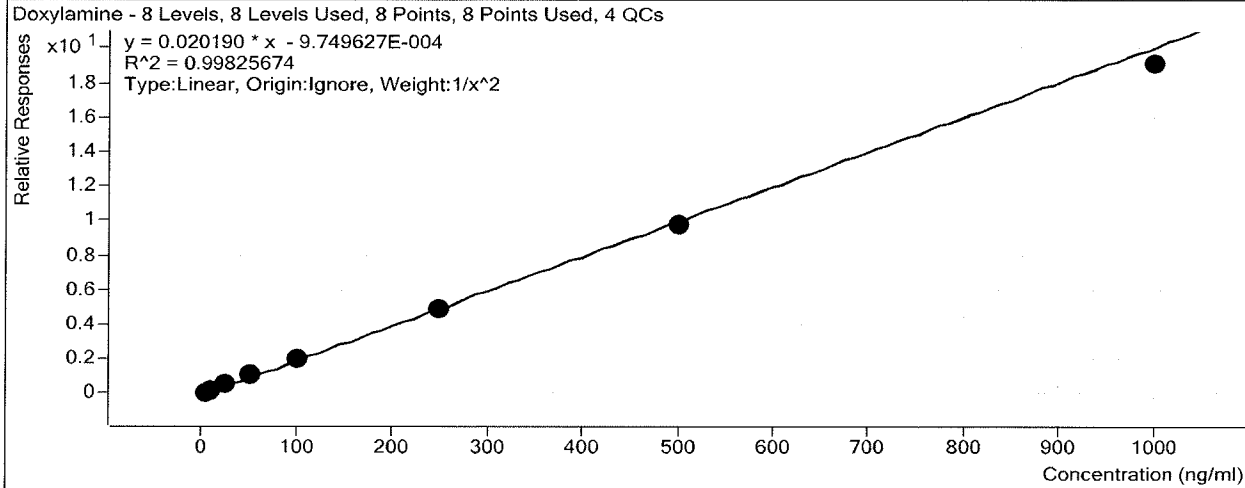
BW

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



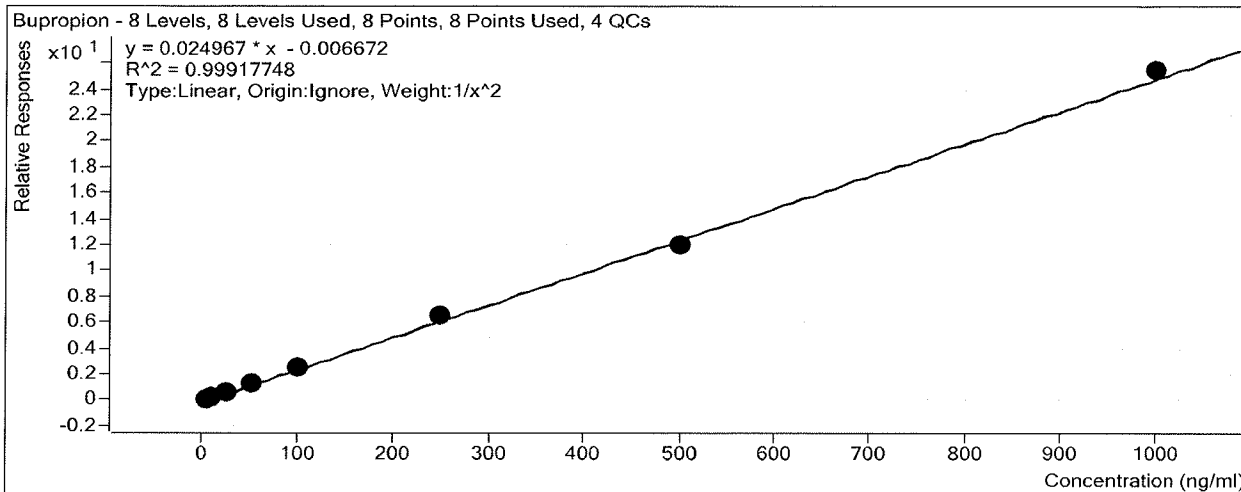
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.8	102.8
a qc 100	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.1	98.0
a QC 250	6	<input checked="" type="checkbox"/>	250	249.6	99.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.4	97.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	945.1	94.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	986.0	98.6

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a qc 100	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.7	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	258.9	103.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.6	96.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.2	102.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1018.2	101.8

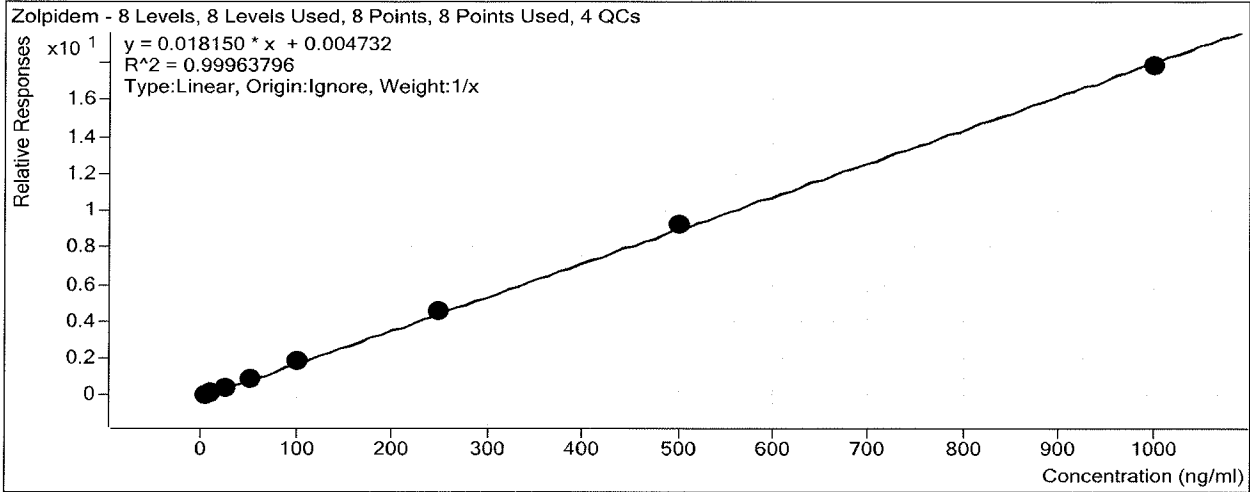
FW

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



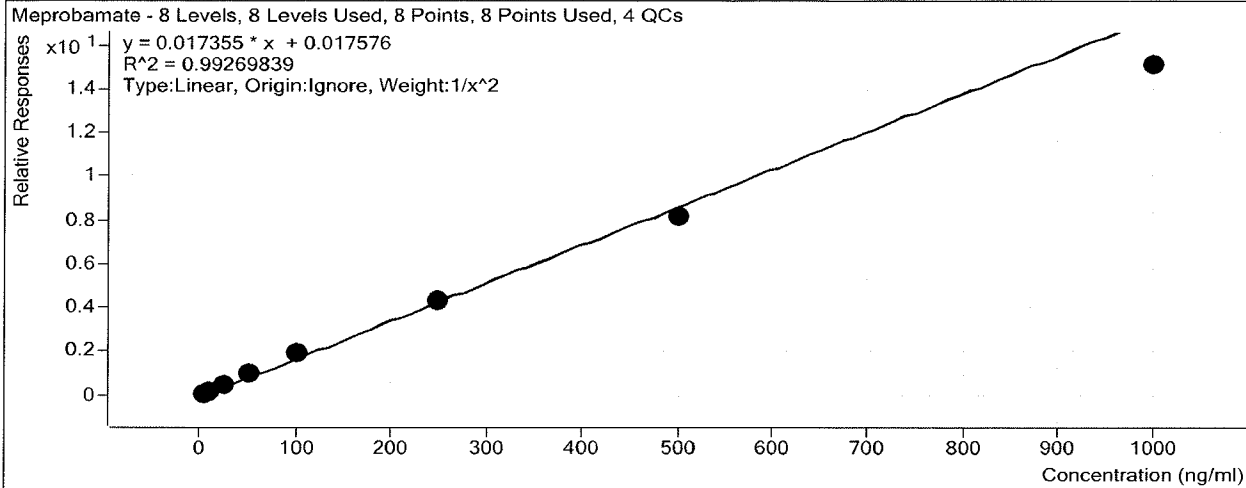
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a qc 100	5	<input checked="" type="checkbox"/>	100	104.9	104.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250	6	<input checked="" type="checkbox"/>	250	259.8	103.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.0	101.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.1	98.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	999.9	100.0

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



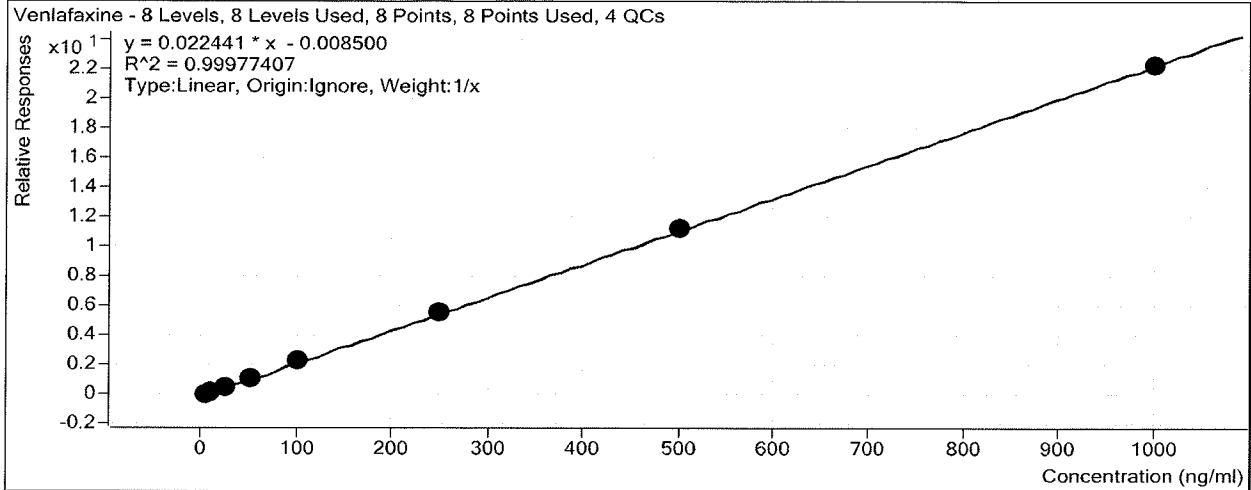
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.8	109.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.1	108.1
a qc 100	5	<input checked="" type="checkbox"/>	100	115.5	115.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.5	99.0
a QC 250	6	<input checked="" type="checkbox"/>	250	258.3	103.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	470.5	94.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	868.3	86.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	933.5	93.3

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



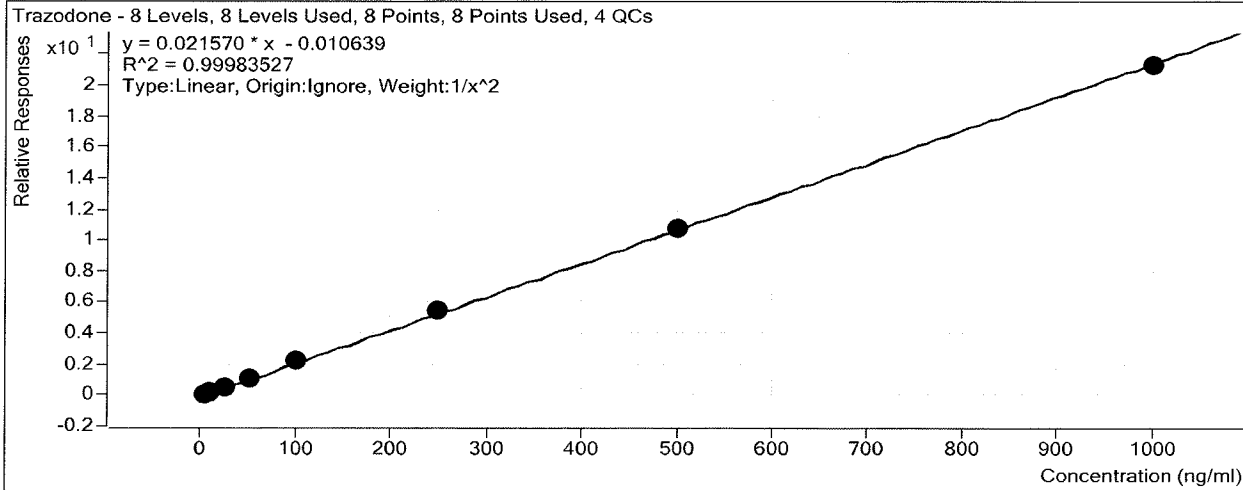
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.6	102.6
a qc 100	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.5	100.2
a QC 250	6	<input checked="" type="checkbox"/>	250	234.8	93.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.0	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.0	99.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	972.4	97.2

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a qc 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.3	100.5
a QC 250	6	<input checked="" type="checkbox"/>	250	248.6	99.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.8	99.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.5	98.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	974.2	97.4

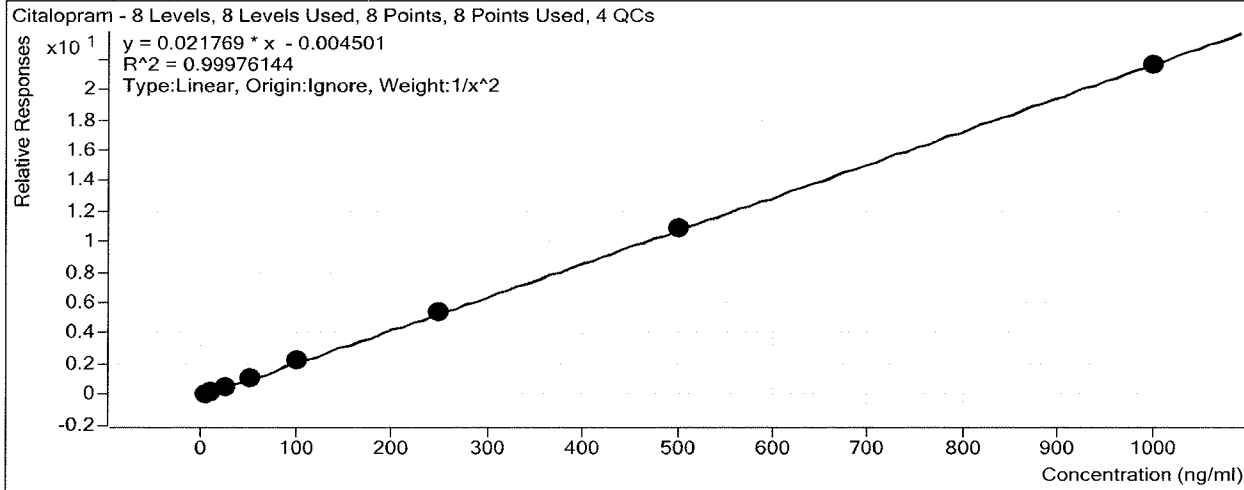
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a qc 100	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.4	99.3
a QC 250	6	<input checked="" type="checkbox"/>	250	260.3	104.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.2	100.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.1	99.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1013.7	101.4

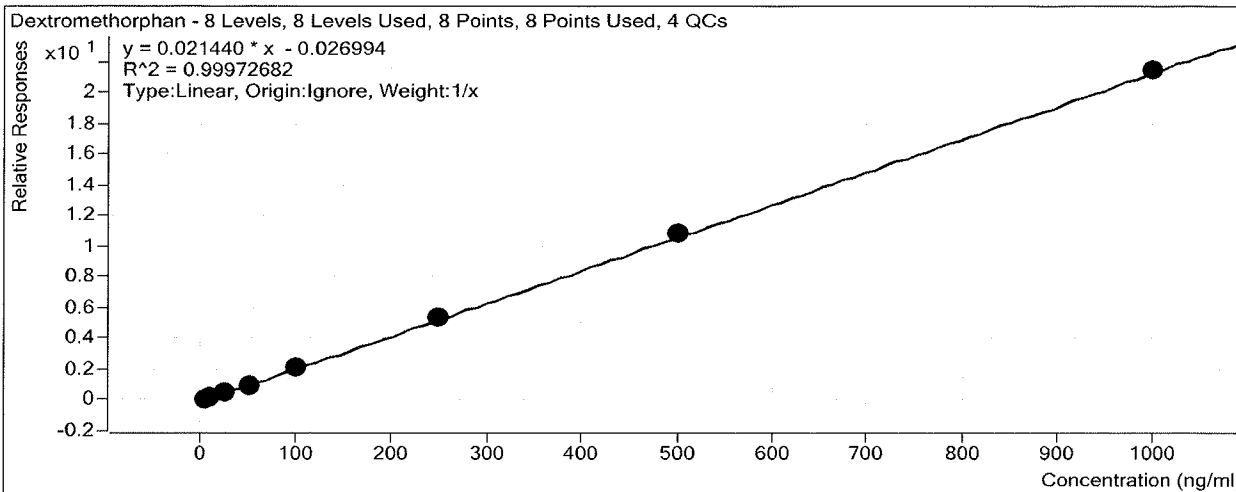
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a qc 100	5	<input checked="" type="checkbox"/>	100	93.6	93.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.3	99.3
a QC 250	6	<input checked="" type="checkbox"/>	250	228.4	91.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.6	100.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1048.7	104.9

[Handwritten Signature]

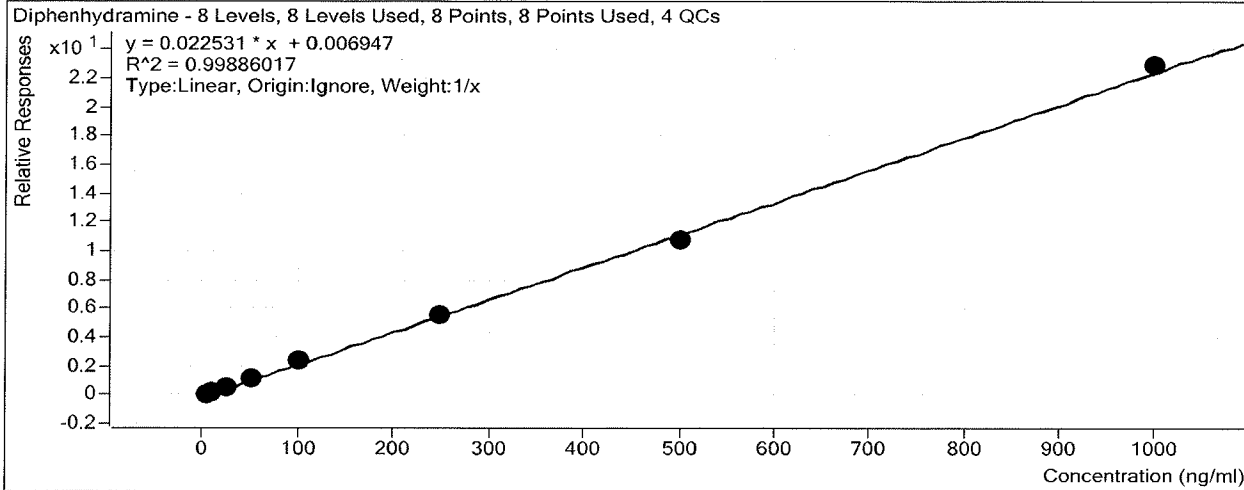
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.2	109.2
a qc 100	5	<input checked="" type="checkbox"/>	100	111.1	111.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.5	98.6
a QC 250	6	<input checked="" type="checkbox"/>	250	264.2	105.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.4	95.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1015.2	101.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1032.0	103.2

BW

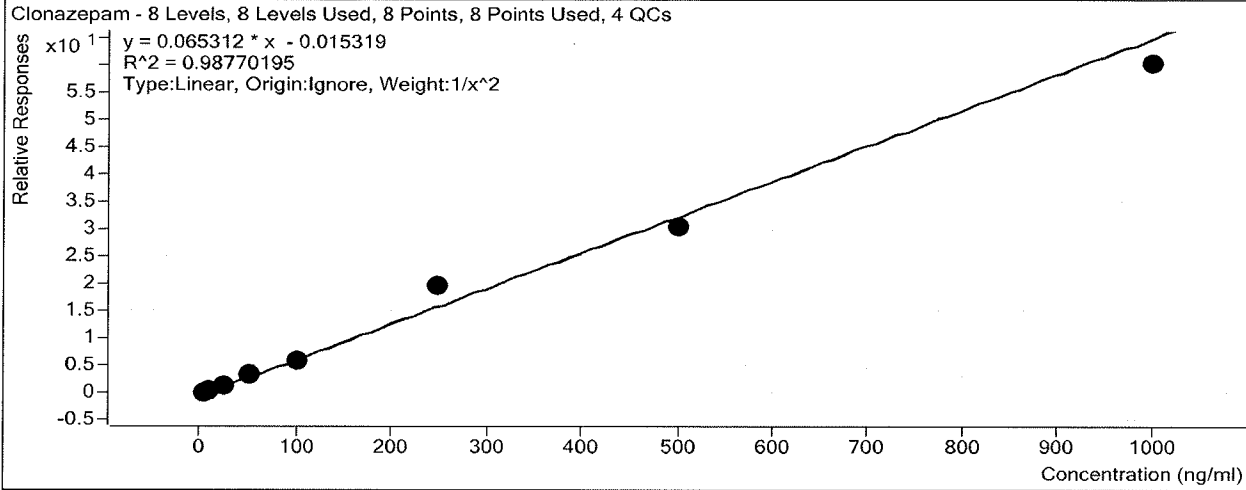
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.1	93.1
a qc 100	5	<input checked="" type="checkbox"/>	100	102.0	102.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	298.5	119.4
a QC 250	6	<input checked="" type="checkbox"/>	250	283.8	113.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.0	93.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	921.9	92.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1001.2	100.1

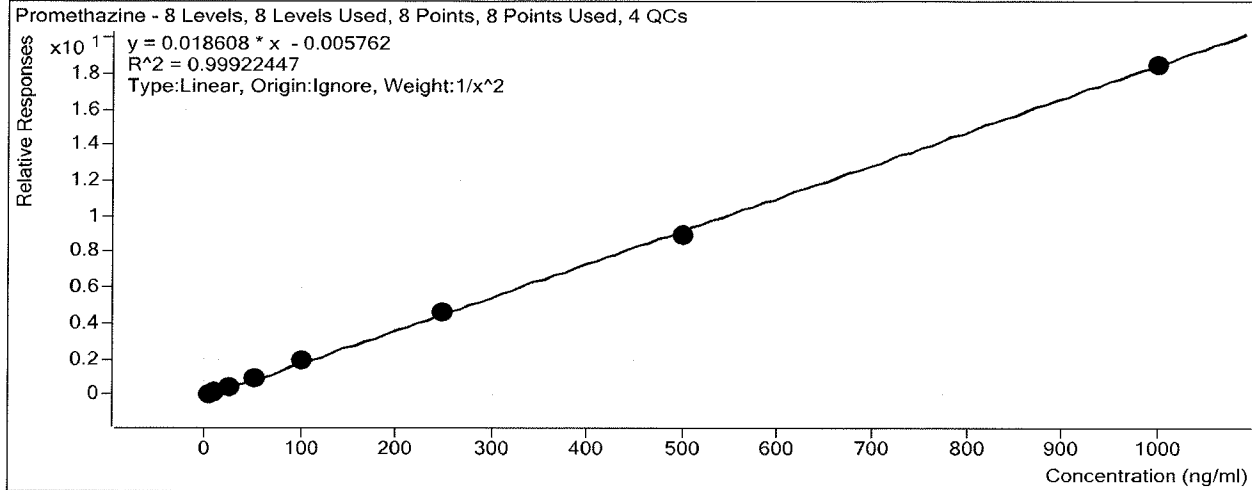
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a qc 100	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.5	98.2
a QC 250	6	<input checked="" type="checkbox"/>	250	245.5	98.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.7	96.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.2	99.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1049.4	104.9

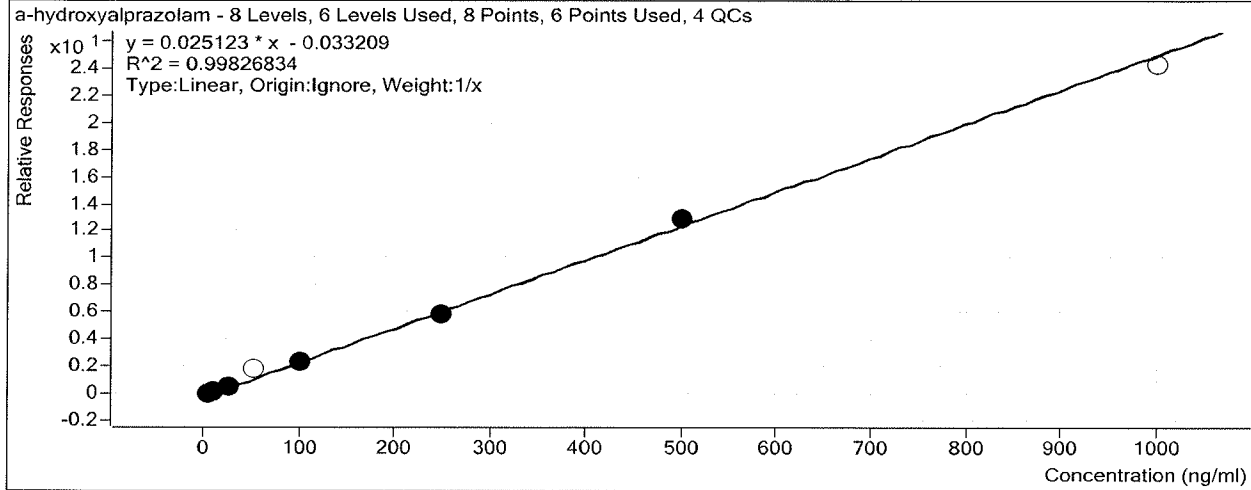
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.0
a cal 4-50ng	4	<input type="checkbox"/>	50	73.0	146.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a qc 100	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.0	95.6
a QC 250	6	<input checked="" type="checkbox"/>	250	233.8	93.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.6	103.1
a cal 8-1000ng	8	<input type="checkbox"/>	1000	965.1	96.5
a qc 1000	8	<input type="checkbox"/>	1000	1877.8	187.8

- peak cut off

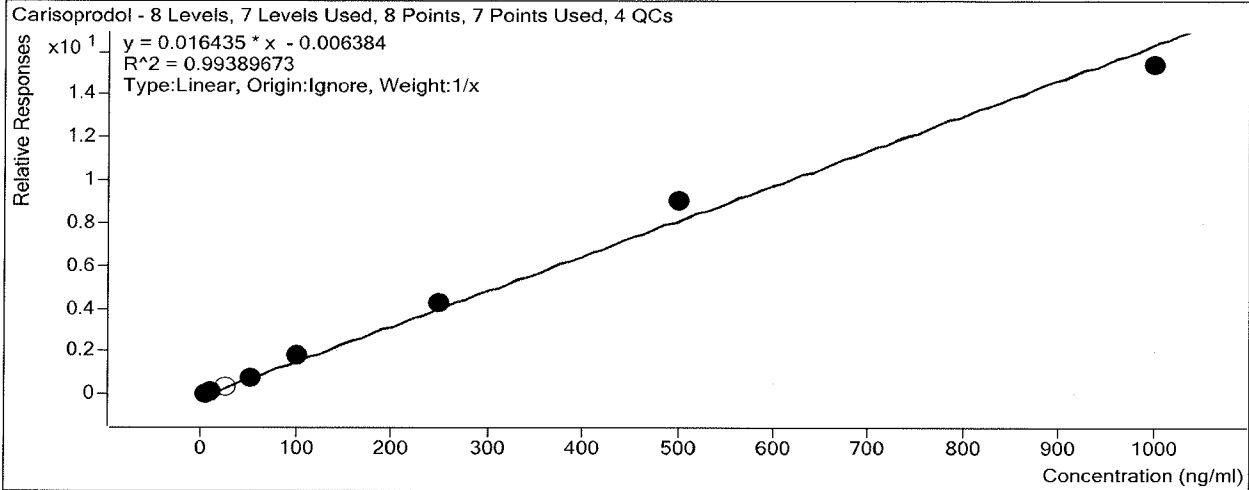
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.3
a cal 3-25ng	3	<input type="checkbox"/>	25	22.7	90.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.0	90.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.1	109.1
a qc 100	5	<input checked="" type="checkbox"/>	100	110.8	110.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.4	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	261.5	104.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	550.0	110.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	936.0	93.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	818.8	81.9

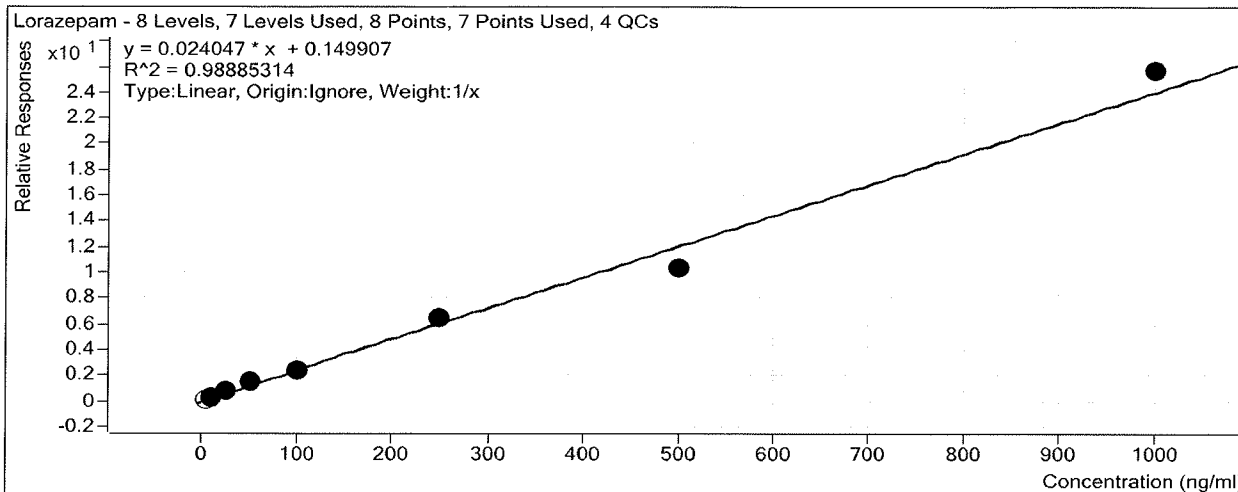
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	0.7	14.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.2	82.4
a QC 10	2	<input checked="" type="checkbox"/>	10	8.3	83.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.2	112.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.5	113.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a qc 100	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.7	105.5
a QC 250	6	<input checked="" type="checkbox"/>	250	230.3	92.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	421.1	84.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1061.3	106.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1140.7	114.1

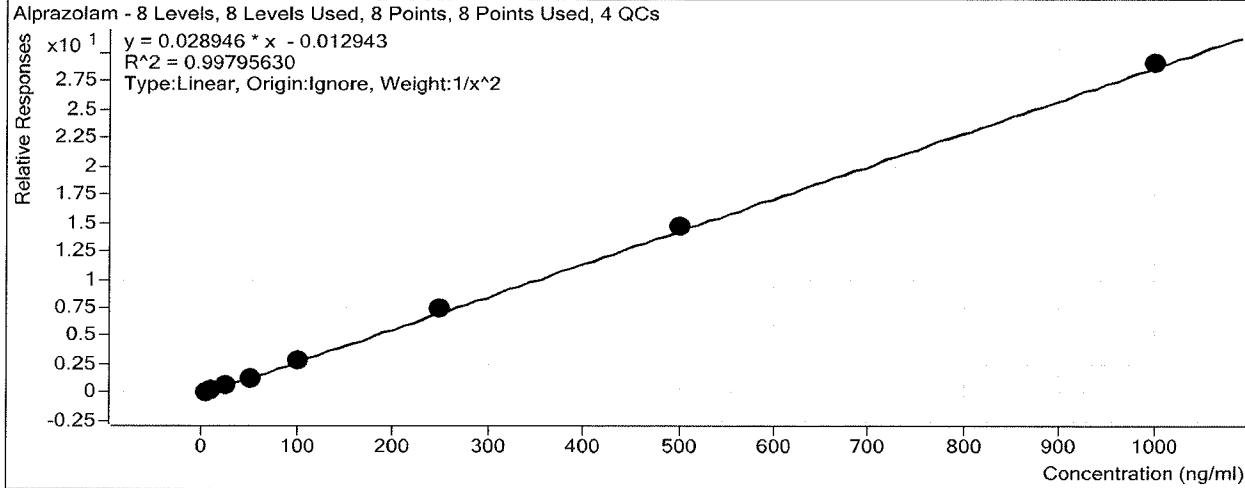
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
3/4/2019 1:10 PM

Analyst Name ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.7	101.7
a qc 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.6	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	248.5	99.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.9	101.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.6	100.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	996.1	99.6

ISP FORENSICS - Cd'A Instrument # 62340

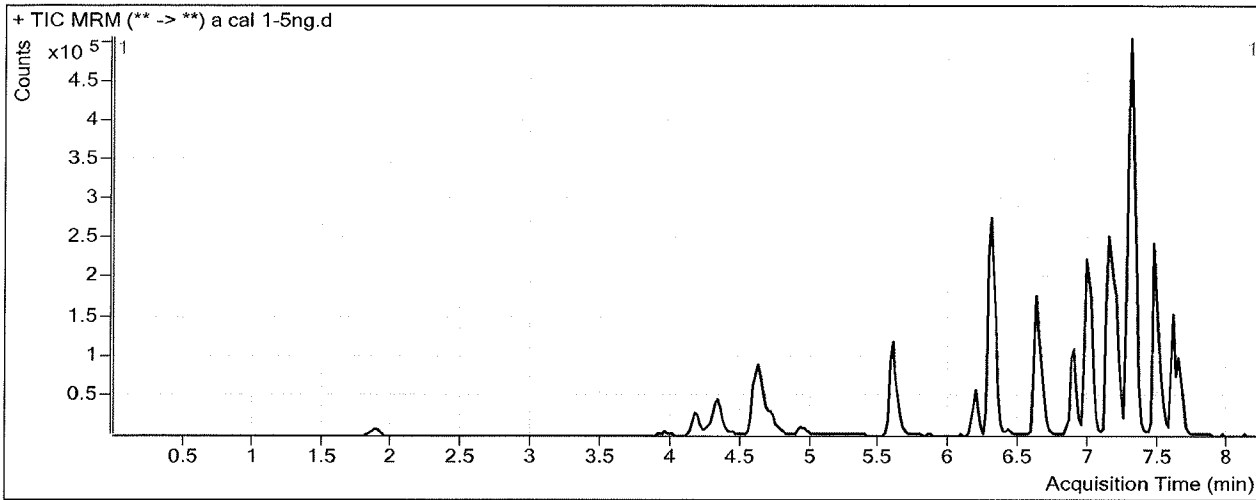
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 16:23 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position Vial 4 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	1125	2473	0.4548	5.3196
Hydromorphone	Hydromorphone-D6	1.889	4006	29895	0.1340	4.9222
Codeine	Codeine-D6	4.016	2156	15382	0.1402	5.3253
Amphetamine	Amphetamine-D11	4.323	64780	116369	0.5567	4.7175
Oxycodone	Oxycodone-D6	4.389	11054	114048	0.0969	4.9509
Hydrocodone	Hydrocodone-D6	4.694	6838	86394	0.0792	4.9294
Norhydrocodone	Norhydrocodone-D3	4.738	881	34659	0.0254	17.1485
Methamphetamine	Methamphetamine-D11	4.741	48370	327382	0.1477	5.1134
6-MAM	6-MAM-D6	4.948	272	28620	0.0095	0.6164
Phentermine	Phentermine-D5	5.646	14649	416280	0.0352	3.7596
Dextropropion	Dextropropion-D3	6.184	8515	147347	0.0578	5.0484
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	10838	108519	0.0999	4.8193
Tramadol	Tramadol-13C-D3	6.303	72485	684884	0.1058	4.7423
Metoprolol	Oxycodone-D6	6.416	9350	114048	0.0820	5.0402
Doxylamine	Doxylamine-D5	6.640	47848	489976	0.0977	4.8850
Bupropion	Bupropion-D9	6.890	38773	323371	0.1199	5.0698
Zolpidem	Zolpidem-D6	7.000	44445	494426	0.0899	4.6919
Meprobamate	Meprobamate-D7	7.012	12143	118834	0.1022	4.8749
Venlafaxine	Venlafaxine-D6	7.145	65378	623240	0.1049	5.0532
Trazodone	Trazodone-D6	7.215	36826	380888	0.0967	4.9756
Citalopram	Citalopram-D6	7.277	44677	431925	0.1034	4.9584
Dextromethorphan	Dextromethorphan-D3	7.288	11062	120646	0.0917	5.5357
Diphenhydramine	Diphenhydramine-D3	7.312	91232	761764	0.1198	5.0072

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

a cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	11025	35660	0.3092	4.9681
Promethazine	Promethazine-D3	7.467	45486	534630	0.0851	4.8818
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	3022	27223	0.1110	5.7408
Carisoprodol	Carisoprodol-D7	7.612	20700	287609	0.0720	4.7676
Lorazepam	Clonazepam-D4	7.623	5977	35660	0.1676	0.7363
Alprazolam	Alprazolam-D5	7.647	19023	144885	0.1313	4.9830

BW

ISP FORENSICS - Cd'A Instrument # 62340

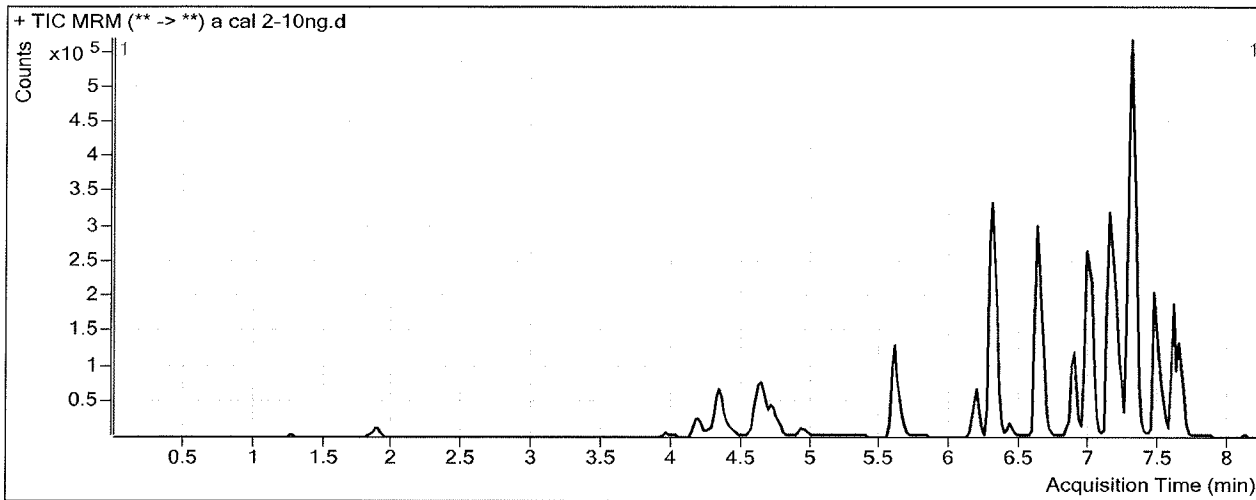
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin		
Analysis Time	3/4/2019 1:10 PM	Analyst Name	ISP Tox
Report Time	3/4/2019 1:14 PM	Reporter Name	ISP Tox
Last Calib Update	3/4/2019 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 16:49	Data File	a cal 2-10ng.d
Sample Type	Calibration	Sample Name	a cal 2-10ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-B1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	2636	3245	0.8125	9.1019
Hydromorphone	Hydromorphone-D6	1.889	10426	35210	0.2961	10.5625
Codeine	Codeine-D6	4.016	4958	18459	0.2686	9.9054
Amphetamine	Amphetamine-D11	4.323	120682	114541	1.0536	10.7409
Oxycodone	Oxycodone-D6	4.389	27842	133213	0.2090	10.0489
Hydrocodone	Hydrocodone-D6	4.714	16919	103379	0.1637	9.9805
Norhydrocodone	Norhydrocodone-D3	4.738	2016	38943	0.0518	20.3502
Methamphetamine	Methamphetamine-D11	4.741	73003	292622	0.2495	9.1224
6-MAM	6-MAM-D6	4.948	687	33232	0.0207	1.1391
Phentermine	Phentermine-D5	5.646	32462	431112	0.0753	9.6590
Dextroprphan	Dextroprphan-D3	6.184	19081	157750	0.1210	10.0148
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	24943	118705	0.2101	10.3198
Tramadol	Tramadol-13C-D3	6.303	163325	759227	0.2151	10.4391
Metoprolol	Oxycodone-D6	6.416	21689	133213	0.1628	9.9778
Doxylamine	Doxylamine-D5	6.640	159669	773109	0.2065	10.2775
Bupropion	Bupropion-D9	6.890	74155	311688	0.2379	9.7966
Zolpidem	Zolpidem-D6	7.000	103193	557791	0.1850	9.9320
Meprobamate	Meprobamate-D7	7.012	24811	128659	0.1928	10.0989
Venlafaxine	Venlafaxine-D6	7.145	159010	693375	0.2293	10.5978
Trazodone	Trazodone-D6	7.215	76987	370986	0.2075	10.1139
Citalopram	Citalopram-D6	7.277	96729	443710	0.2180	10.2212
Dextromethorphan	Dextromethorphan-D3	7.288	21331	108905	0.1959	10.3949
Diphenhydramine	Diphenhydramine-D3	7.312	180788	833768	0.2168	9.3154

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

a cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	24295	36993	0.6567	10.2900
Promethazine	Promethazine-D3	7.467	78225	417772	0.1872	10.3721
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	6335	29618	0.2139	9.8363
Carisoprodol	Carisoprodol-D7	7.612	46619	302122	0.1543	9.7770
Lorazepam	Clonazepam-D4	7.623	12874	36993	0.3480	8.2385
Alprazolam	Alprazolam-D5	7.647	45022	156908	0.2869	10.3597

AW

ISP FORENSICS - Cd'A Instrument # 62340

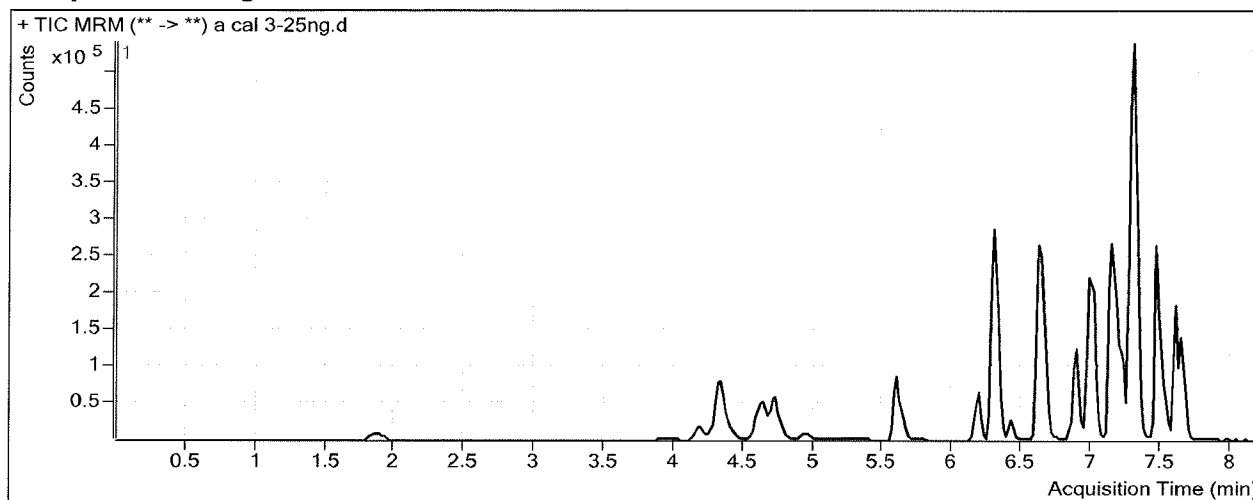
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin		
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Report Time	3/4/2019 1:14 PM	Reporter Name	ISP Tox
Last Calib Update	3/4/2019 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 17:14	Data File	a cal 3-25ng.d
Sample Type	Calibration	Sample Name	a cal 3-25ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-C1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.288	4526	2193	2.0636	22.3347
Hydromorphone	Hydromorphone-D6	1.889	17247	26992	0.6389	22.4900
Codeine	Codeine-D6	4.016	8112	12251	0.6622	23.9399
Amphetamine	Amphetamine-D11	4.323	191558	81529	2.3496	26.4490
Oxycodone	Oxycodone-D6	4.389	47286	96226	0.4914	22.8936
Hydrocodone	Hydrocodone-D6	4.714	30278	68253	0.4436	26.7148
Norhydrocodone	Norhydrocodone-D3	4.738	3315	25508	0.1300	29.8448
Methamphetamine	Methamphetamine-D11	4.741	129303	185112	0.6985	26.8171
6-MAM	6-MAM-D6	4.948	1034	22578	0.0458	2.3160
Phentermine	Phentermine-D5	5.646	52343	281715	0.1858	25.9129
Dextroprphan	Dextroprphan-D3	6.184	33125	110291	0.3003	24.1189
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	44216	82436	0.5364	26.5946
Tramadol	Tramadol-13C-D3	6.303	263726	491239	0.5369	27.2105
Metoprolol	Oxycodone-D6	6.416	35389	96226	0.3678	22.4979
Doxylamine	Doxylamine-D5	6.640	268797	524441	0.5125	25.4341
Bupropion	Bupropion-D9	6.890	137884	227753	0.6054	24.5160
Zolpidem	Zolpidem-D6	7.000	171087	373642	0.4579	24.9667
Meprobamate	Meprobamate-D7	7.012	42933	91595	0.4687	25.9951
Venlafaxine	Venlafaxine-D6	7.145	244226	470269	0.5193	23.5206
Trazodone	Trazodone-D6	7.215	144799	276190	0.5243	24.7988
Citalopram	Citalopram-D6	7.277	179396	338320	0.5303	24.5656
Dextromethorphan	Dextromethorphan-D3	7.288	40677	87578	0.4645	22.9229
Diphenhydramine	Diphenhydramine-D3	7.312	351547	607384	0.5788	25.3803

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

a cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	42005	28104	1.4947	23.1194
Promethazine	Promethazine-D3	7.467	184876	394564	0.4686	25.4900
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	11828	21963	0.5385	22.7579
Carisoprodol	Carisoprodol-D7	7.612	79487	216705	0.3668	22.7061
Lorazepam	Clonazepam-D4	7.623	23275	28104	0.8282	28.2062
Alprazolam	Alprazolam-D5	7.647	72199	106852	0.6757	23.7900

BW

ISP FORENSICS - Cd'A Instrument # 62340

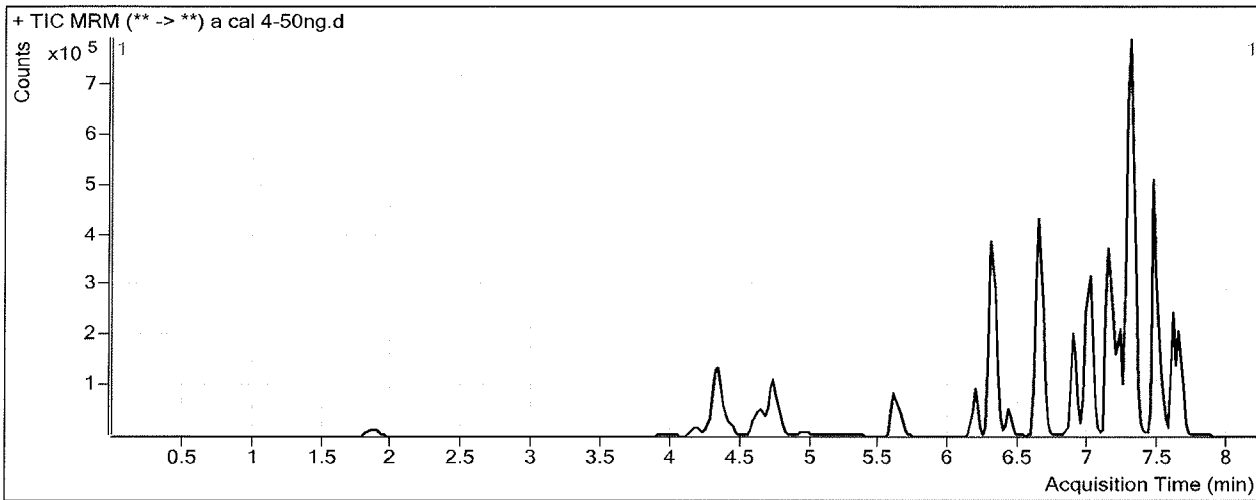
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 17:40 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	8184	1711	4.7818	51.0832
Hydromorphone	Hydromorphone-D6	1.889	34212	22551	1.5171	53.0412
Codeine	Codeine-D6	3.993	15772	11438	1.3789	49.4975
Amphetamine	Amphetamine-D11	4.323	364674	79240	4.6022	53.7522
Oxycodone	Oxycodone-D6	4.389	90532	81461	1.1114	51.0913
Hydrocodone	Hydrocodone-D6	4.714	55639	67077	0.8295	49.7796
Norhydrocodone	Norhydrocodone-D3	4.759	7148	24236	0.2949	49.8814
Methamphetamine	Methamphetamine-D11	4.741	268505	198535	1.3524	52.5858
6-MAM	6-MAM-D6	4.948	2255	22058	0.1022	4.9573
Phentermine	Phentermine-D5	5.646	105071	282072	0.3725	53.3741
Dextroprphan	Dextroprphan-D3	6.184	64280	107580	0.5975	47.4831
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	85482	79829	1.0708	53.2565
Tramadol	Tramadol-13C-D3	6.303	519095	486093	1.0679	54.8920
Metoprolol	Oxycodone-D6	6.416	72607	81461	0.8913	54.4784
Doxylamine	Doxylamine-D5	6.640	551592	519858	1.0610	52.6011
Bupropion	Bupropion-D9	6.890	292031	236765	1.2334	49.6701
Zolpidem	Zolpidem-D6	7.000	343309	366007	0.9380	51.4175
Meprobamate	Meprobamate-D7	7.012	81661	84363	0.9680	54.7605
Venlafaxine	Venlafaxine-D6	7.145	492028	462848	1.0630	47.7489
Trazodone	Trazodone-D6	7.215	311899	292413	1.0666	49.9429
Citalopram	Citalopram-D6	7.277	368686	339997	1.0844	50.0209
Dextromethorphan	Dextromethorphan-D3	7.288	93136	94809	0.9824	47.0791
Diphenhydramine	Diphenhydramine-D3	7.312	726141	640763	1.1332	49.9891

ISP

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

a cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	86811	24817	3.4980	53.7925
Promethazine	Promethazine-D3	7.467	512223	547566	0.9355	50.5809
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	21505	11943	1.8007	72.9974
Carisoprodol	Carisoprodol-D7	7.612	145854	198909	0.7333	45.0037
Lorazepam	Clonazepam-D4	7.623	37431	24817	1.5083	56.4886
Alprazolam	Alprazolam-D5	7.647	138102	103420	1.3353	46.5792

BW

ISP FORENSICS - Cd'A Instrument # 62340

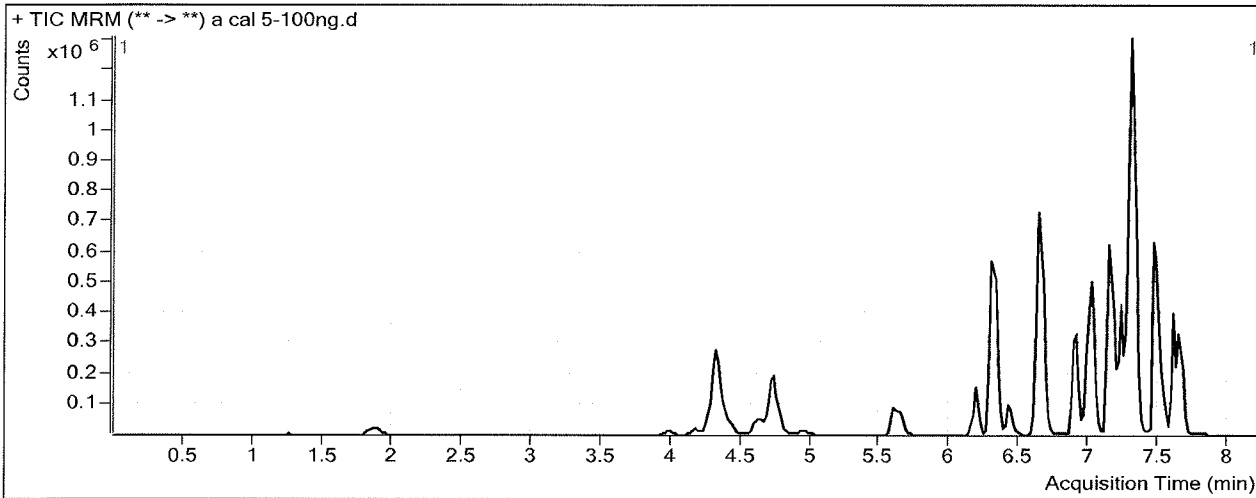
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin		
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Report Time	3/4/2019 1:14 PM	Reporter Name	ISP Tox
Last Calib Update	3/4/2019 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 18:06	Data File	a cal 5-100ng.d
Sample Type	Calibration	Sample Name	a cal 5-100ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	16723	1852	9.0291	96.0028
Hydromorphone	Hydromorphone-D6	1.869	67229	23023	2.9200	101.8518
Codeine	Codeine-D6	3.993	31032	11255	2.7573	98.6451
Amphetamine	Amphetamine-D11	4.323	755208	84632	8.9235	106.1299
Oxycodone	Oxycodone-D6	4.389	185119	81743	2.2647	103.5473
Hydrocodone	Hydrocodone-D6	4.714	117542	66593	1.7651	105.7054
Norhydrocodone	Norhydrocodone-D3	4.738	14633	23715	0.6170	88.9978
Methamphetamine	Methamphetamine-D11	4.741	467966	178467	2.6222	102.6210
6-MAM	6-MAM-D6	4.948	4738	22453	0.2110	10.0481
Phentermine	Phentermine-D5	5.646	202443	270553	0.7483	108.6452
Dextroprphan	Dextroprphan-D3	6.184	136763	105493	1.2964	102.4344
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	163482	76557	2.1354	106.3663
Tramadol	Tramadol-13C-D3	6.323	1045124	505345	2.0681	107.0322
Metoprolol	Oxycodone-D6	6.416	144686	81743	1.7700	108.1542
Doxylamine	Doxylamine-D5	6.640	1085806	523586	2.0738	102.7618
Bupropion	Bupropion-D9	6.910	594247	238089	2.4959	100.2370
Zolpidem	Zolpidem-D6	7.000	670896	360954	1.8587	102.1429
Meprobamate	Meprobamate-D7	7.012	149637	79044	1.8931	108.0642
Venlafaxine	Venlafaxine-D6	7.145	1021767	445577	2.2931	102.5627
Trazodone	Trazodone-D6	7.215	626170	286203	2.1879	101.9230
Citalopram	Citalopram-D6	7.277	724965	328096	2.2096	101.7116
Dextromethorphan	Dextromethorphan-D3	7.288	190052	90672	2.0960	99.0239
Diphenhydramine	Diphenhydramine-D3	7.312	1415463	573766	2.4670	109.1847

BW

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

a cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	142907	23560	6.0656	93.1049
Promethazine	Promethazine-D3	7.467	974019	517999	1.8804	101.3596
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	40498	16836	2.4054	97.0680
Carisoprodol	Carisoprodol-D7	7.612	286260	160176	1.7872	109.1268
Lorazepam	Clonazepam-D4	7.623	57909	23560	2.4579	95.9802
Alprazolam	Alprazolam-D5	7.647	272896	93070	2.9321	101.7433

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ISP FORENSICS - Cd'A Instrument # 62340

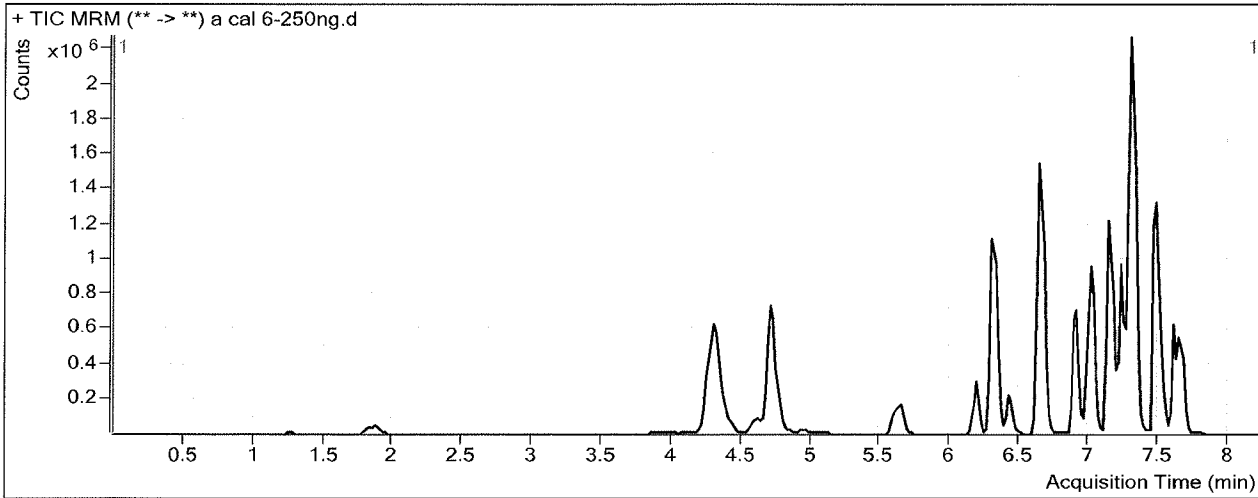
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin
Analysis Time 3/4/2019 1:10 PM **Analyst Name** ISP Tox
Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 18:31 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	37694	1499	25.1390	266.3856
Hydromorphone	Hydromorphone-D6	1.869	155846	20480	7.6096	265.0074
Codeine	Codeine-D6	3.993	20353	2428	8.3815	299.1931
Amphetamine	Amphetamine-D11	4.303	2114027	108036	19.5678	235.1478
Oxycodone	Oxycodone-D6	4.369	425383	72028	5.9058	269.1620
Hydrocodone	Hydrocodone-D6	4.694	249309	61024	4.0854	244.4021
Norhydrocodone	Norhydrocodone-D3	4.738	34442	19793	1.7401	225.3849
Methamphetamine	Methamphetamine-D11	4.721	2149506	320150	6.7141	263.8691
6-MAM	6-MAM-D6	4.948	10752	21912	0.4907	23.1392
Phentermine	Phentermine-D5	5.646	525093	313607	1.6744	244.8676
Dextroprphan	Dextroprphan-D3	6.184	310548	97358	3.1897	251.2956
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	325531	67702	4.8083	239.7072
Tramadol	Tramadol-13C-D3	6.303	2489628	510916	4.8729	253.2356
Metoprolol	Oxycodone-D6	6.416	318828	72028	4.4265	270.4251
Doxylamine	Doxylamine-D5	6.640	2486509	502622	4.9471	245.0740
Bupropion	Bupropion-D9	6.910	1483630	228202	6.5014	260.6709
Zolpidem	Zolpidem-D6	7.000	1596400	344964	4.6277	254.7037
Meprobamate	Meprobamate-D7	7.012	292017	67701	4.3133	247.5161
Venlafaxine	Venlafaxine-D6	7.145	2452313	436818	5.6140	250.5453
Trazodone	Trazodone-D6	7.215	1455488	269015	5.4104	251.3233
Citalopram	Citalopram-D6	7.277	1468721	271872	5.4023	248.3745
Dextromethorphan	Dextromethorphan-D3	7.288	409080	77228	5.2970	248.3276
Diphenhydramine	Diphenhydramine-D3	7.312	2941234	528840	5.5617	246.5386

DW

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

a cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	259094	13301	19.4787	298.4743
Promethazine	Promethazine-D3	7.487	2625331	575475	4.5620	245.4728
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	79844	13371	5.9714	239.0105
Carisoprodol	Carisoprodol-D7	7.612	545402	127635	4.2731	260.3843
Lorazepam	Clonazepam-D4	7.643	86347	13301	6.4915	263.7209
Alprazolam	Alprazolam-D5	7.667	542377	72015	7.5314	260.6329

BW

ISP FORENSICS - Cd'A Instrument # 62340

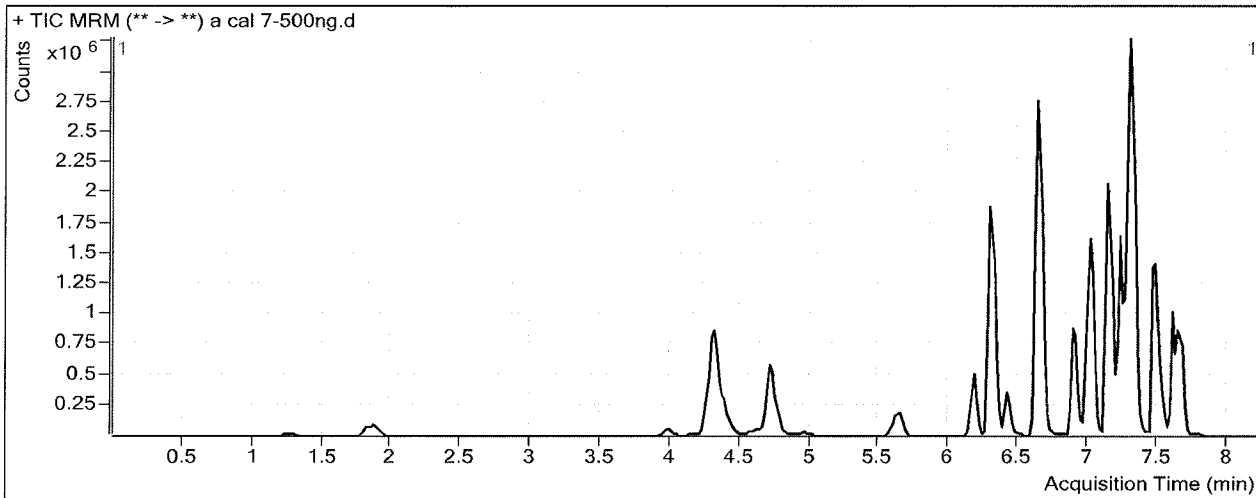
Multi-Drug Confirmatory Analysis Report

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Report Time 3/4/2019 1:14 PM **Reporter Name** ISP Tox
Last Calib Update 3/4/2019 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 18:57 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	71499	1402	50.9842	539.7312
Hydromorphone	Hydromorphone-D6	1.869	302692	22416	13.5032	470.0518
Codeine	Codeine-D6	3.993	136582	9599	14.2294	507.7145
Amphetamine	Amphetamine-D11	4.323	2550565	72607	35.1284	423.7555
Oxycodone	Oxycodone-D6	4.389	849528	81111	10.4737	476.9252
Hydrocodone	Hydrocodone-D6	4.694	497564	61590	8.0787	483.0965
Norhydrocodone	Norhydrocodone-D3	4.738	67594	17388	3.8875	486.1723
Methamphetamine	Methamphetamine-D11	4.741	1320952	108993	12.1196	476.8807
6-MAM	6-MAM-D6	4.948	21791	20733	1.0510	49.3664
Phentermine	Phentermine-D5	5.646	678920	208986	3.2486	476.4280
Dextroprphan	Dextroprphan-D3	6.184	583820	89872	6.4961	511.2567
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	489641	57266	8.5502	426.3795
Tramadol	Tramadol-13C-D3	6.303	4480902	501688	8.9317	464.8099
Metoprolol	Oxycodone-D6	6.416	558605	81111	6.8870	420.7246
Doxylamine	Doxylamine-D5	6.640	4813746	490214	9.8197	486.4109
Bupropion	Bupropion-D9	6.890	1860995	154230	12.0664	483.5668
Zolpidem	Zolpidem-D6	7.000	2959159	320131	9.2436	509.0136
Meprobamate	Meprobamate-D7	7.012	503057	61468	8.1841	470.5422
Venlafaxine	Venlafaxine-D6	7.145	4613239	406577	11.3465	505.9900
Trazodone	Trazodone-D6	7.215	2596870	243058	10.6842	495.8152
Citalopram	Citalopram-D6	7.277	2347434	215667	10.8845	500.2185
Dextromethorphan	Dextromethorphan-D3	7.288	636557	58987	10.7914	504.6011
Diphenhydramine	Diphenhydramine-D3	7.312	4689259	433833	10.8089	479.4300

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

a cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	386253	12726	30.3521	464.9565
Promethazine	Promethazine-D3	7.487	3120837	346919	8.9959	483.7477
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	133110	10303	12.9197	515.5865
Carisoprodol	Carisoprodol-D7	7.612	930164	102983	9.0322	549.9503
Lorazepam	Clonazepam-D4	7.643	130763	12726	10.2755	421.0780
Alprazolam	Alprazolam-D5	7.667	934254	63483	14.7166	508.8588

ISP FORENSICS - Cd'A Instrument # 62340

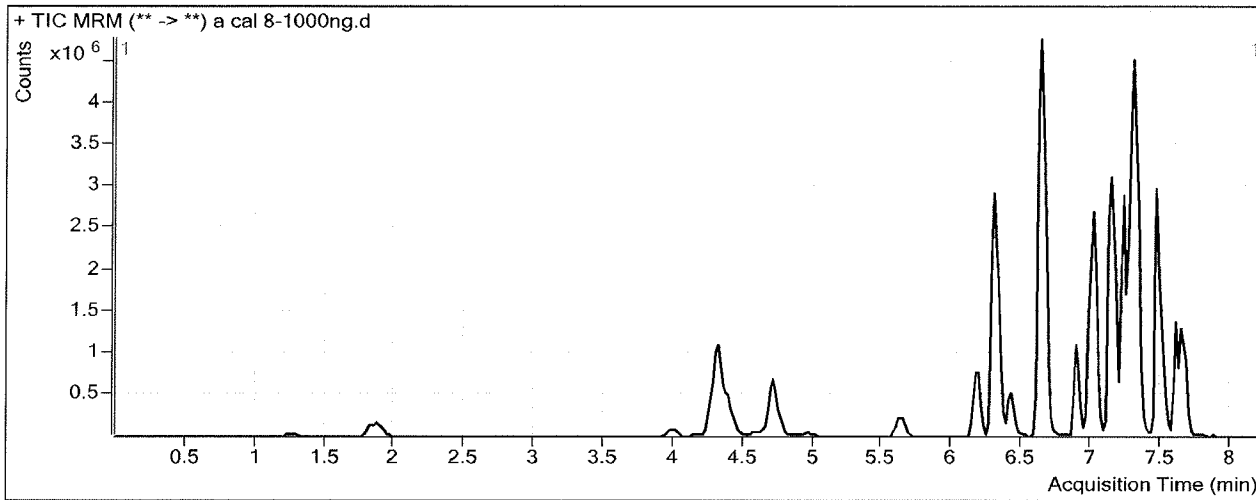
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\AM 28\022819 mdqr\QuantResults\mdqp1a.batch.bin		
Analysis Time	3/4/2019 1:10 PM	Analyst Name	ISP Tox
Report Time	3/4/2019 1:14 PM	Reporter Name	ISP Tox
Last Calib Update	3/4/2019 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 19:22	Data File	a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	a cal 8-1000ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-H1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.268	130455	1372	95.0517	1005.7996
Hydromorphone	Hydromorphone-D6	1.869	571572	20292	28.1673	980.2296
Codeine	Codeine-D6	3.993	241426	8655	27.8942	994.9723
Amphetamine	Amphetamine-D11	4.323	3056315	50791	60.1746	727.3361
Oxycodone	Oxycodone-D6	4.389	1585808	72068	22.0043	1001.3807
Hydrocodone	Hydrocodone-D6	4.694	912499	57365	15.9070	951.0345
Norhydrocodone	Norhydrocodone-D3	4.738	124418	14660	8.4868	1044.7188
Methamphetamine	Methamphetamine-D11	4.741	1280143	55684	22.9895	905.2251
6-MAM	6-MAM-D6	4.948	41795	19111	2.1870	102.5339
Phentermine	Phentermine-D5	5.646	851214	137176	6.2053	911.3219
Dextroprphan	Dextroprphan-D3	6.164	1040423	80051	12.9969	1022.3801
7-aminoclonazepam	7-Aminoclonazepam-D4	6.291	686830	45478	15.1025	753.2507
Tramadol	Tramadol-13C-D3	6.303	7457555	480369	15.5246	808.4849
Metoprolol	Oxycodone-D6	6.416	910754	72068	12.6374	771.9943
Doxylamine	Doxylamine-D5	6.640	8817974	462134	19.0810	945.1176
Bupropion	Bupropion-D9	6.890	2161463	84886	25.4631	1020.1533
Zolpidem	Zolpidem-D6	7.000	5298623	296857	17.8490	983.1318
Meprobamate	Meprobamate-D7	7.012	790315	52381	15.0877	868.3196
Venlafaxine	Venlafaxine-D6	7.145	7913887	354920	22.2976	993.9814
Trazodone	Trazodone-D6	7.215	4773595	224438	21.2691	986.5353
Citalopram	Citalopram-D6	7.257	3445473	159570	21.5922	992.1048
Dextromethorphan	Dextromethorphan-D3	7.288	955073	44509	21.4579	1002.1148
Diphenhydramine	Diphenhydramine-D3	7.312	7947482	347367	22.8792	1015.1546

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

a cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.523	481356	7996	60.1959	921.8968
Promethazine	Promethazine-D3	7.467	5762172	312182	18.4578	992.2285
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.580	202109	8347	24.2127	965.1025
Carisoprodol	Carisoprodol-D7	7.612	1299650	84519	15.3770	935.9902
Lorazepam	Clonazepam-D4	7.623	205274	7996	25.6705	1061.2875
Alprazolam	Alprazolam-D5	7.647	1374778	47206	29.1231	1006.5573

ISP FORENSICS - Cd'A Instrument # 62340

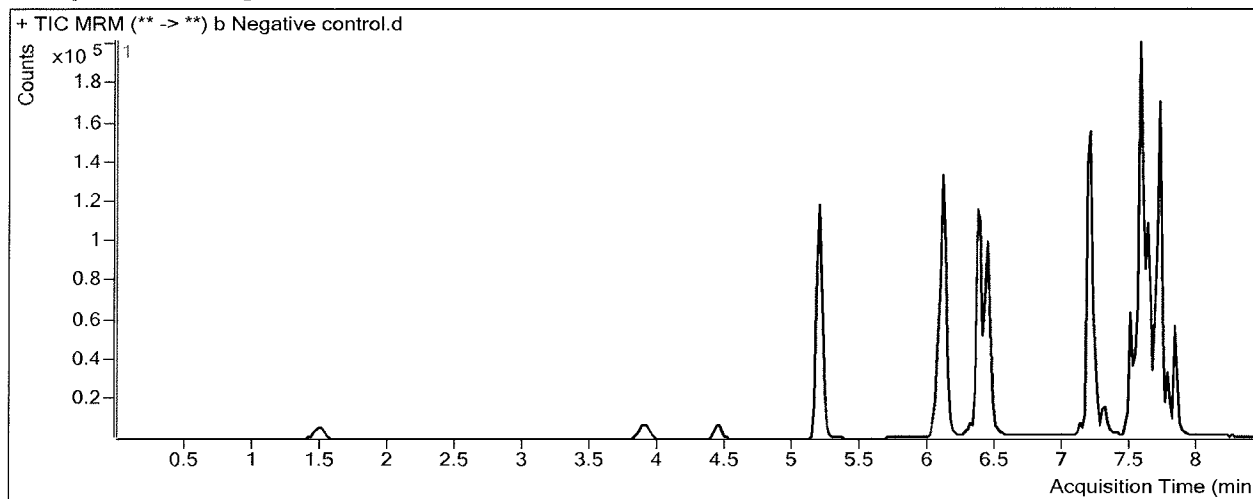
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 20:13 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1, negative

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Benzoylcegonine	Benzoylcegonine-d8	5.848	87	2688	0.0325	0.0000 <5
Fluoxetine	Fluoxetine-D6	7.622	4513	212955	0.0212	0.4254 <25
EDDP	EDDP-D3	7.791	78	35010	0.0022	0.0000 -NE

ISP FORENSICS - Cd'A Instrument # 62340

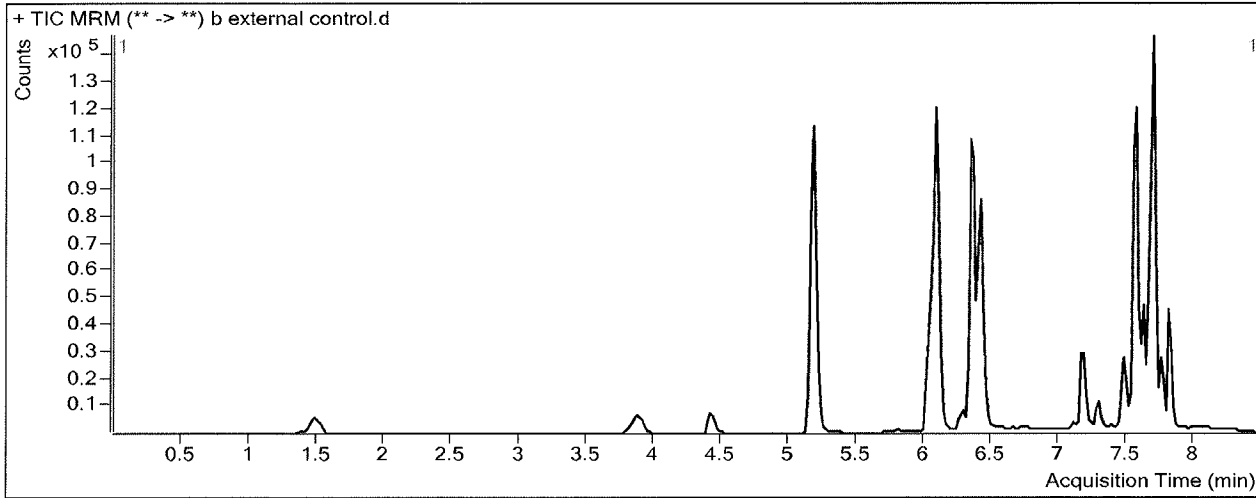
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 20:39 **Data File** b external control.d
Sample Type Sample **Sample Name** b external control
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28: external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.561	93067	130168	0.7150	45.3251
Sertraline	Sertraline-D3	7.664	8757	7939	1.1029	42.0513
EDDP	EDDP-D3	8.191	88	23842	0.0037	0.0000 -NE

ISP FORENSICS - Cd'A Instrument # 62340

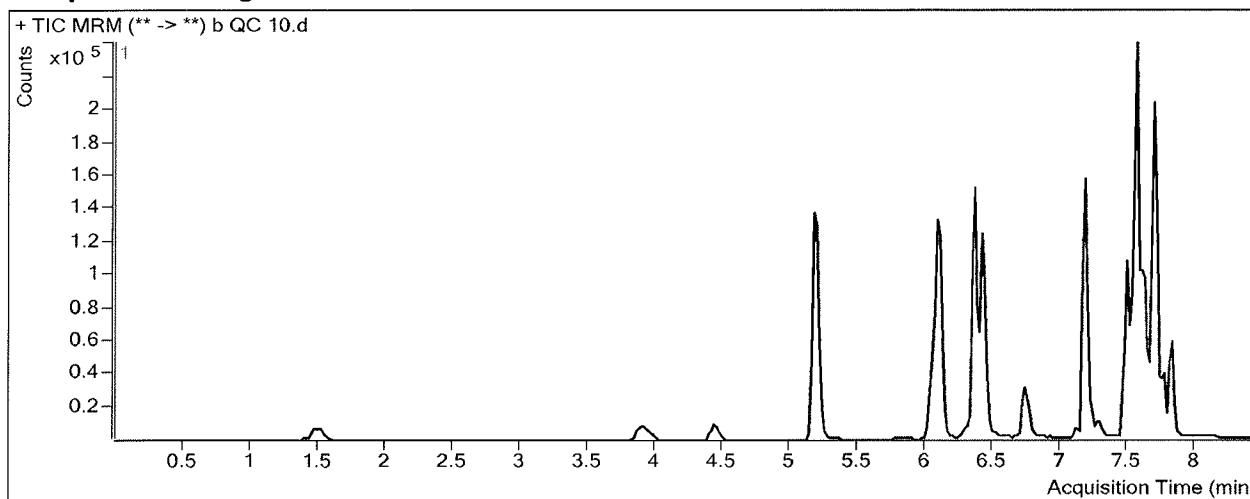
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 21:05 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	7908	37806	0.2092	10.0447
Dihydrocodeine	Dihydrocodeine-D6	3.950	8671	42328	0.2049	10.4442 NE
Noroxycodone	Noroxycodone-D3	4.477	6761	30152	0.2242	5.5340 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	92879	395277	0.2350	9.9879
Benzoylcegonine	Benzoylcegonine-d8	5.828	672	3034	0.2214	9.9418
Ketamine	Ketamine-D4	6.062	36992	152329	0.2428	9.8905
Norfentanyl	Norfentanyl-D5	6.124	6717	348485	0.0193	1.4876 outside curve range
Lamotrigine	Ketamine-D4	6.315	3006	152329	0.0197	10.7028
Cocaine	Cocaine-d3	6.349	61456	381031	0.1613	10.0135
alpha-PVP	alpha-PVP-d8	6.425	61310	275343	0.2227	10.3936
Mirtazapine	alpha-PVP-d8	6.739	54772	275343	0.1989	10.6225
Norbuprenorphine	Norbuprenorphine-D3	7.113	566	15620	0.0362	1.1211 outside curve range
Fentanyl	Fentanyl-D5	7.176	7436	427590	0.0174	0.9766
Mitragynine	Quetiapine-D8	7.274	15710	143296	0.1096	8.1618
Quetiapine	Quetiapine-D8	7.477	96695	143296	0.6748	9.5753
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	27505	119289	0.2306	10.8538
Methadone	Methadone-D9	7.561	66201	411448	0.1609	10.9683
Fluoxetine	Fluoxetine-D6	7.602	31559	146977	0.2147	9.0501
Sertraline	Sertraline-D3	7.664	5112	19272	0.2653	10.8023
Oxazepam	Oxazepam-D5	7.647	23943	80754	0.2965	10.2827
Buprenorphine	Buprenorphine-D4	7.695	3030	125507	0.0241	1.0749
Nordiazepam	Nordiazepam-D5	7.774	19236	61629	0.3121	8.7521
EDDP	EDDP-D3	7.771	48	1039	0.0466	1.6403 NE

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

b qc 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	51573	259343	0.1989	9.5940
Diazepam	Diazepam-D5	7.849	17787	110010	0.1617	6.9584

ISP FORENSICS - Cd'A Instrument # 62340

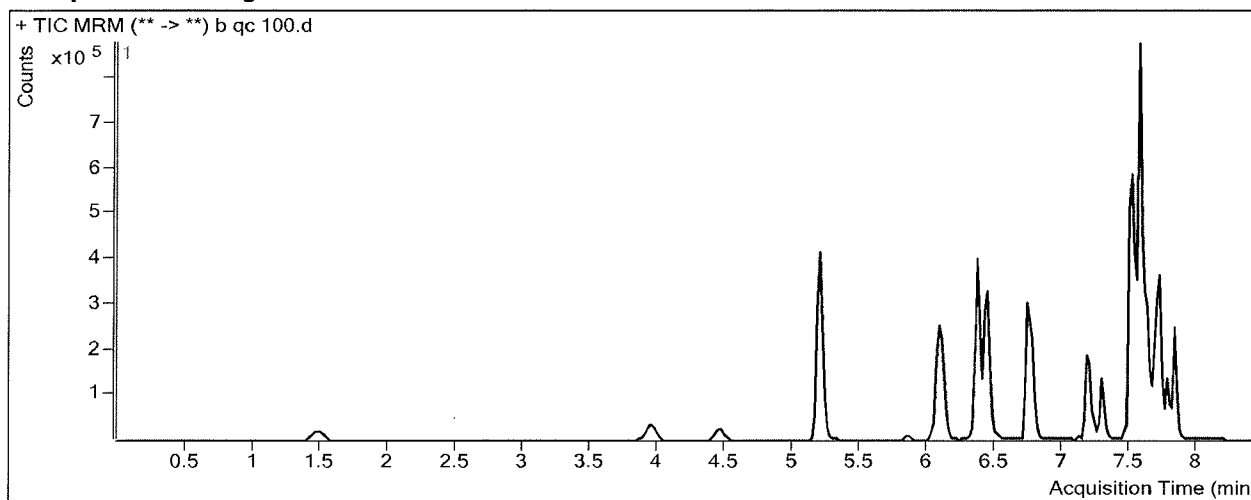
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-03-01 09:55 **Data File** b qc 100.d
Sample Type QC **Sample Name** b qc 100
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	75940	34311	2.2133	98.6999
Dihydrocodeine	Dihydrocodeine-D6	3.950	89455	41817	2.1392	102.1324 NE
Neroxycodone	Noroxycodone-D3	4.477	63417	27010	2.3479	138.2353 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	949006	398780	2.3798	101.6853
Benzoylcegonine	Benzoylcegonine-d8	5.828	10197	3044	3.3497	183.2733
Ketamine	Ketamine-D4	6.082	370694	145176	2.5534	103.2515
Norfentanyl	Norfentanyl-D5	6.124	74431	348508	0.2136	9.8554
Lamotrigine	Ketamine-D4	6.335	27425	145176	0.1889	104.5183
Cocaine	Cocaine-d3	6.349	595185	355764	1.6730	102.0220
alpha-PVP	alpha-PVP-d8	6.445	551864	248856	2.2176	100.8041
Mirtazapine	alpha-PVP-d8	6.739	553458	248856	2.2240	105.4377
Norbuprenorphine	Norbuprenorphine-D3	7.113	3360	14692	0.2287	9.7341
Fentanyl	Fentanyl-D5	7.197	76994	433020	0.1778	9.6784
Mitragynine	Quetiapine-D8	7.274	167639	136242	1.2305	78.7565
Quetiapine	Quetiapine-D8	7.497	993033	136242	7.2888	112.9586
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	307644	138204	2.2260	99.9243
Methadone	Methadone-D9	7.561	709616	372848	1.9032	119.0050
Fluoxetine	Fluoxetine-D6	7.622	421330	200311	2.1034	93.2183
Sertraline	Sertraline-D3	7.664	67983	25924	2.6224	98.7328
Oxazepam	Oxazepam-D5	7.647	104122	40261	2.5861	88.5118
Buprenorphine	Buprenorphine-D4	7.715	25311	112837	0.2243	9.9294
Nordiazepam	Nordiazepam-D5	7.774	157292	46532	3.3803	89.0151
EDDP-	EDDP-D3	7.287	52621	26922	1.9546	94.1912 NE

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

b qc 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	423140	209367	2.0210	90.0336
Diazepam	Diazepam-D5	7.829	253680	96654	2.6246	108.1116

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ISP FORENSICS - Cd'A Instrument # 62340

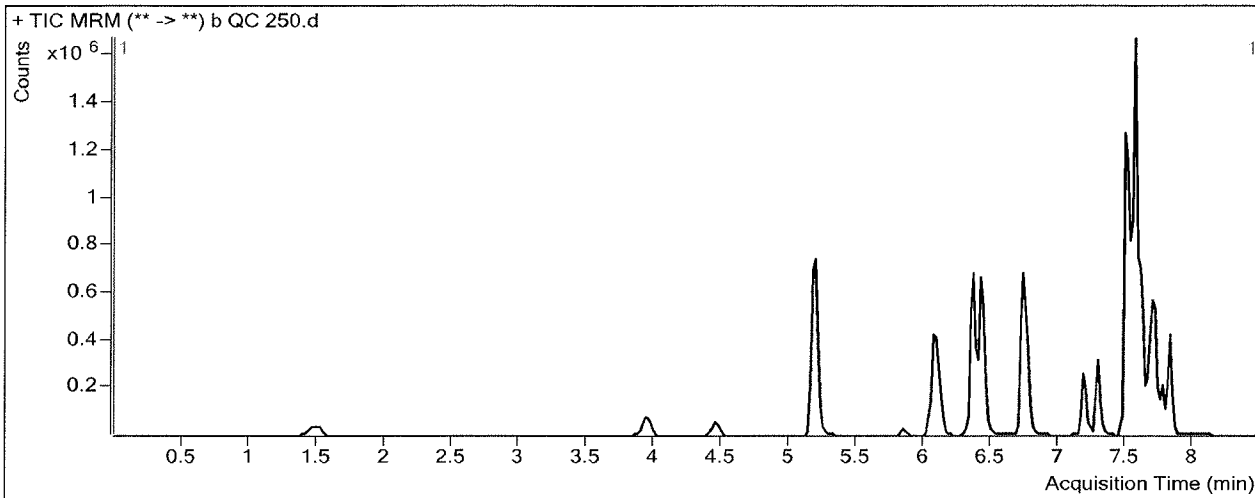
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-03-01 10:21 **Data File** b QC 250.d
Sample Type QC **Sample Name** b QC 250
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	178400	31516	5.6606	251.1965
Dihydrocodeine	Dihydrocodeine-D6	3.950	206639	40448	5.1087	242.8869 NE
Noroxycodone	Noroxycodone-D3	4.457	136606	21237	6.4324	393.4650 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	2189043	373642	5.8587	250.4196
Benzoylcegonine	Benzoylcegonine-d8	5.828	29726	2807	10.5908	584.4973
Ketamine	Ketamine-D4	6.062	852949	137114	6.2207	251.4332
Norfentanyl	Norfentanyl-D5	6.124	177250	322395	0.5498	24.3357
Lamotrigine	Ketamine-D4	6.315	61191	137114	0.4463	247.2431
Cocaine	Cocaine-d3	6.349	1311585	322013	4.0731	248.1044
alpha-PVP	alpha-PVP-d8	6.425	1285856	235208	5.4669	248.0622
Mirtazapine	alpha-PVP-d8	6.739	1290024	235208	5.4846	258.1007
Norbuprenorphine	Norbuprenorphine-D3	7.113	8458	14337	0.5899	25.8976
Fentanyl	Fentanyl-D5	7.176	184816	417336	0.4428	24.0553
Mirtazapine	Quetiapine-D8	7.274	406535	125328	3.2438	205.5641
Quetiapine	Quetiapine-D8	7.477	2218248	125328	17.6995	275.6891
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	683389	125661	5.4383	243.3133
Methadone	Methadone-D9	7.561	1615715	369076	4.3777	272.4410
Fluoxetine	Fluoxetine-D6	7.602	1052497	199126	5.2856	235.0342
Sertraline	Sertraline-D3	7.664	189825	29677	6.3963	239.5159
Oxazepam	Oxazepam-D5	7.647	154421	20656	7.4760	255.5818
Buprenorphine	Buprenorphine-D4	7.695	62465	109591	0.5700	25.2192
Nordiazepam	Nordiazepam-D5	7.774	293788	33587	8.7471	229.4101
EDDP	EDDP-D3	7.287	166865	32548	5.1268	248.0666 NE

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

b qc 2SD

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	811068	152619	5.3143	235.4145
Diazepam	Diazepam-D5	7.829	542829	85908	6.3187	259.8262



ISP FORENSICS - Cd'A Instrument # 62340

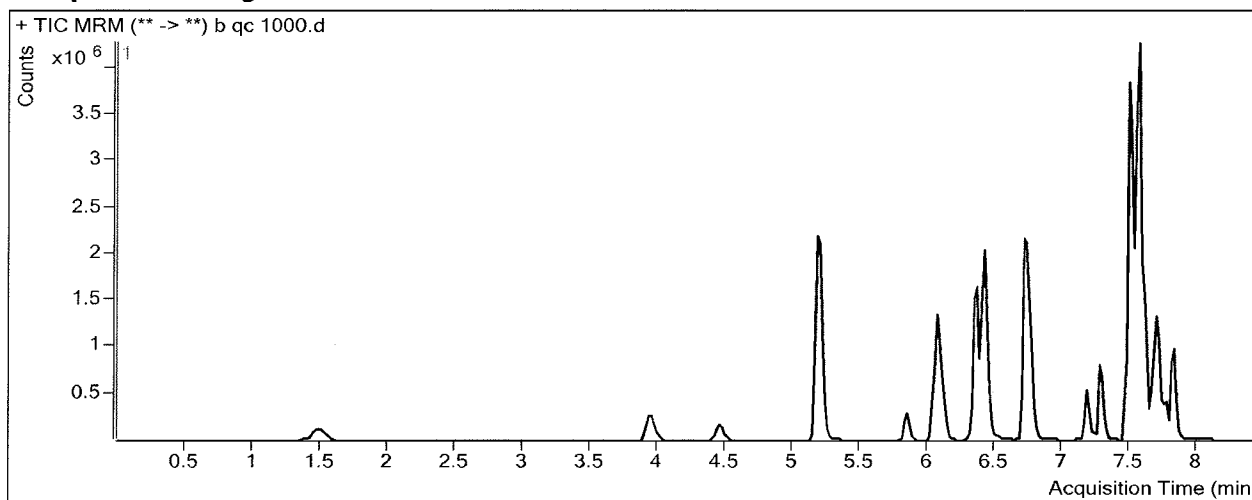
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin		
Analysis Time	3/1/2019 11:46 AM	Analyst Name	ISP Tox
Report Time	3/1/2019 11:50 AM	Reporter Name	ISP Tox
Last Calib Update	3/1/2019 11:46 AM	Batch State	Processed

Analysis Info

Acq Time	2019-03-01 10:47	Data File	b qc 1000.d
Sample Type	QC	Sample Name	b qc 1000
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-D2	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	590554	25729	22.9526	1016.1394
Dihydrocodeine	Dihydrocodeine-D6	3.950	727239	42013	17.3099	821.2189 NE
Noroxycodone	Noroxycodone-D3	4.457	203222	17443	11.6508	719.5442 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	7660500	331036	23.1410	989.2965
Benzoylcegonine	Benzoylcegonine-d8	5.828	361018	2661	135.6788	7515.4455 *
Ketamine	Ketamine-D4	6.062	3046967	131075	23.2461	939.3592
Norfentanyl	Norfentanyl-D5	6.124	667454	276600	2.4131	104.5829
Lamotrigine	Ketamine-D4	6.315	155246	131075	1.1844	656.5760 *
Cocaine	Cocaine-d3	6.349	3831721	234627	16.3311	994.1875
alpha-PVP	alpha-PVP-d8	6.425	4564284	204224	22.3494	1013.1765
Mirtazapine	alpha-PVP-d8	6.719	4719398	204224	23.1089	1083.2765
Norbuprenorphine	Norbuprenorphine-D3	7.113	23892	11092	2.1539	95.8835
Fentanyl	Fentanyl-D5	7.176	633833	324398	1.9539	106.0201
Mirtazapine	Quetiapine-D8	7.254	965118	103562	9.3193	588.2295 *
Quetiapine	Quetiapine-D8	7.477	6777253	103562	65.4418	1021.9519
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	1666919	77988	21.3741	954.6414
Methadone	Methadone-D9	7.561	4544954	313703	14.4881	899.3535
Fluoxetine	Fluoxetine-D6	7.602	2368503	111364	21.2682	947.3013
Sertraline	Sertraline-D3	7.664	485486	18703	25.9569	969.2160
Oxazepam	Oxazepam-D5	7.627	315751	9641	32.7521	1119.1776
Buprenorphine	Buprenorphine-D4	7.695	170765	67728	2.5213	111.5349 *
Nordiazepam	Nordiazepam-D5	7.774	646160	17062	37.8711	991.2908
EDDP	EDDP-D3	7.287	662347	32370	20.4620	991.9287 NE

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

b qc 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.685	2027494	91546	22.1473	978.5005
Diazepam	Diazepam-D5	7.829	1638213	62667	26.1416	1073.9531

[Handwritten signature]

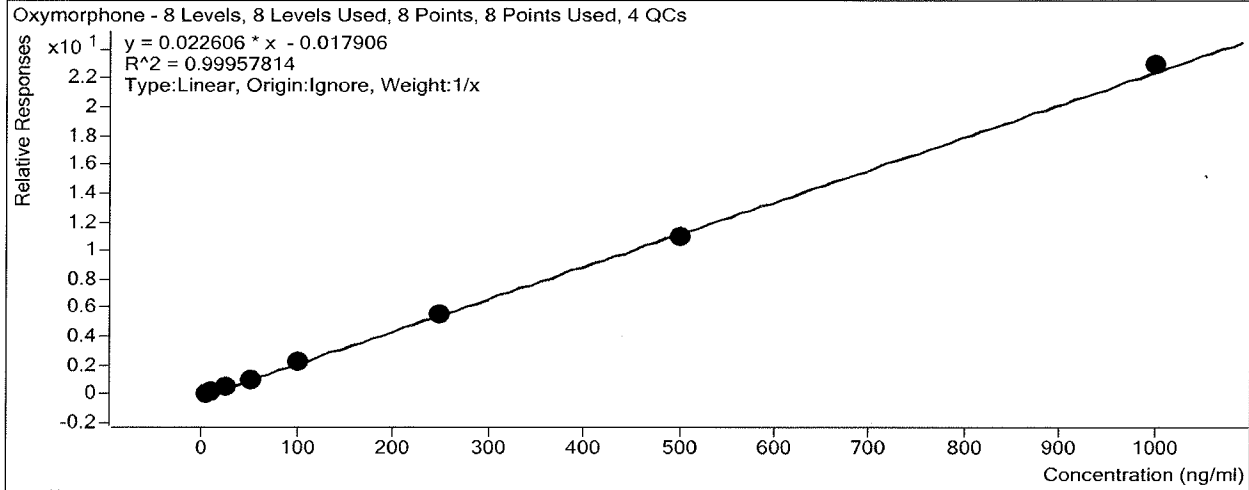
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.6
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
b qc 100	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.9	100.0
b QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.5	97.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.5	101.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1016.1	101.6

ISP Forensics Calibration Curve Report

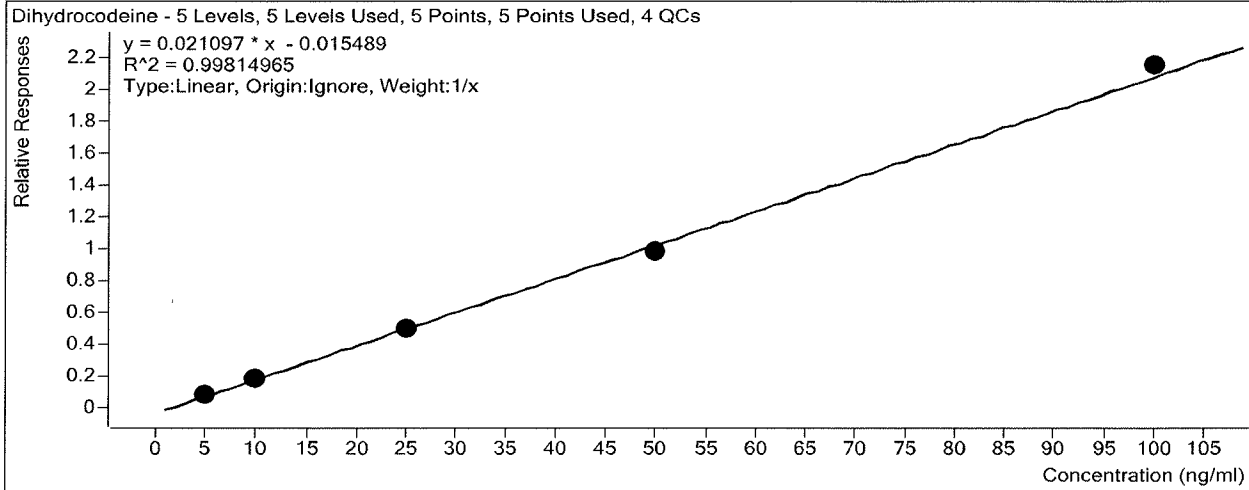
Compound not evaluated

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.3	94.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.7	102.7
b qc 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	0.0	0.0
b QC 250	6	<input checked="" type="checkbox"/>	250	242.9	97.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	0.0	0.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	0.0	0.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	821.2	82.1

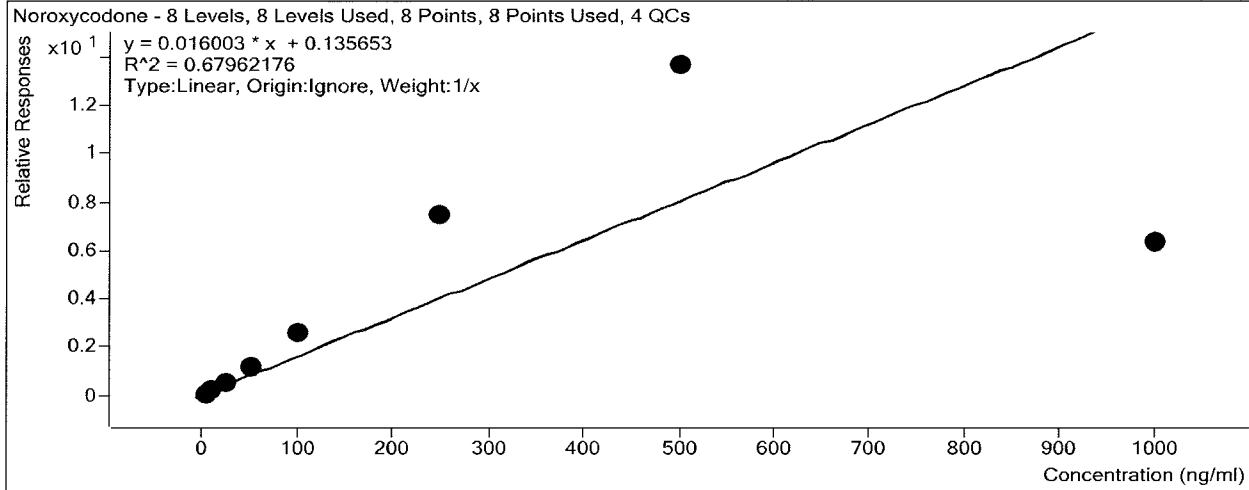
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	0.0	0.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	5.1	51.0
b QC 10	2	<input checked="" type="checkbox"/>	10	5.5	55.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.4	109.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	64.7	129.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	152.9	152.9
b qc 100	5	<input checked="" type="checkbox"/>	100	138.2	138.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	459.7	183.9
b QC 250	6	<input checked="" type="checkbox"/>	250	393.5	157.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	845.2	169.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	386.7	38.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	719.5	72.0

** Not evaluated*

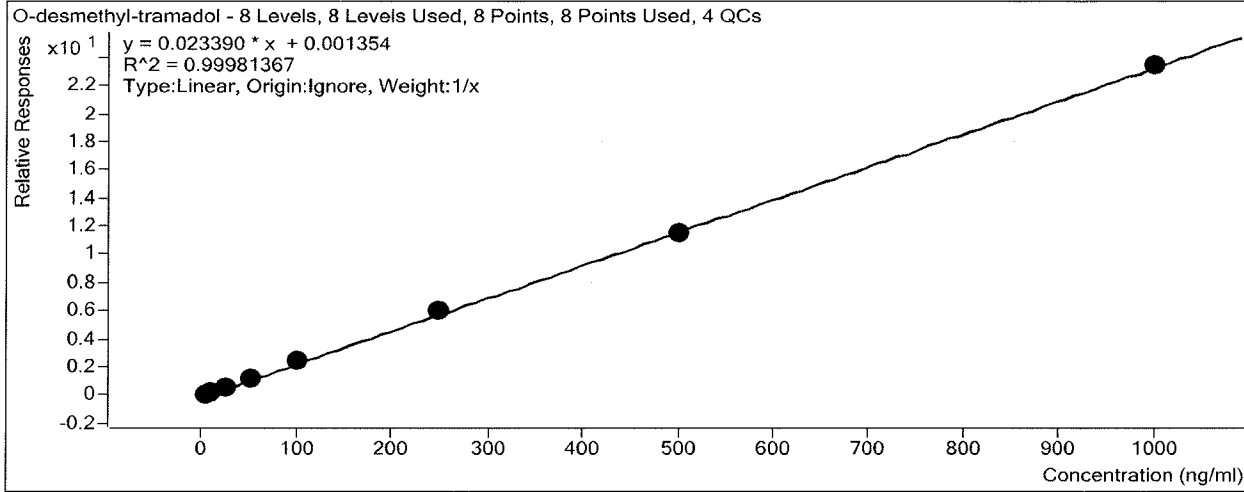
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b qc 100	5	<input checked="" type="checkbox"/>	100	101.7	101.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.0	102.0
b QC 250	6	<input checked="" type="checkbox"/>	250	250.4	100.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	491.7	98.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.8	100.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	989.3	98.9

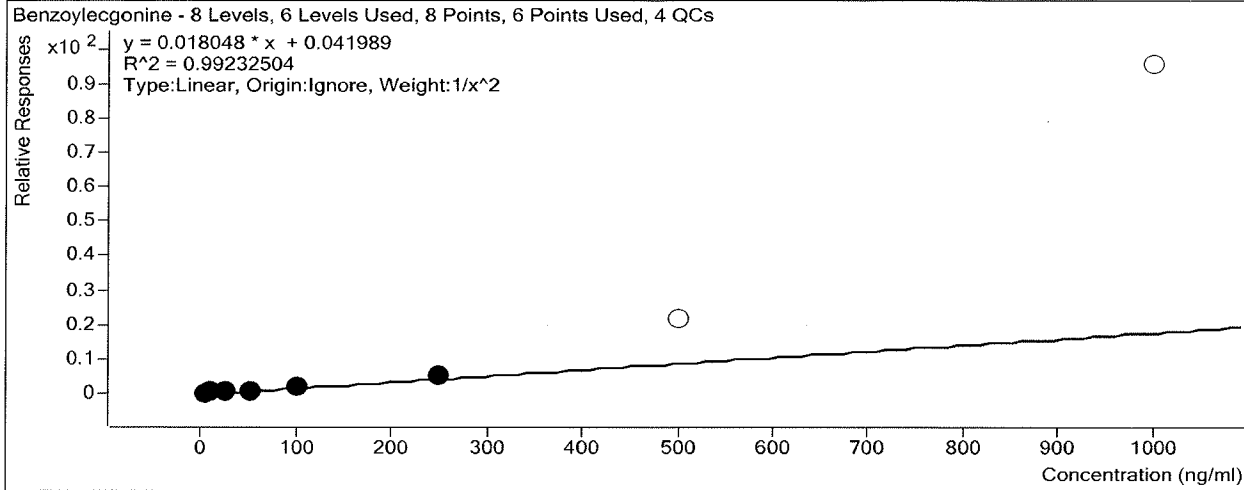
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

Target Compound *Benzoylecgonine*
Internal Standard *Benzoylecgonine-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input type="checkbox"/>	10	9.9	99.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.6	89.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.3	108.3
b qc 100	5	<input checked="" type="checkbox"/>	100	183.3	183.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.1	106.4
b QC 250	6	<input checked="" type="checkbox"/>	250	584.5	233.8
b cal 7-500ng	7	<input type="checkbox"/>	500	1206.1	241.2
b cal 8-1000ng	8	<input type="checkbox"/>	1000	5305.0	530.5
b qc 1000	8	<input type="checkbox"/>	1000	7515.4	751.5

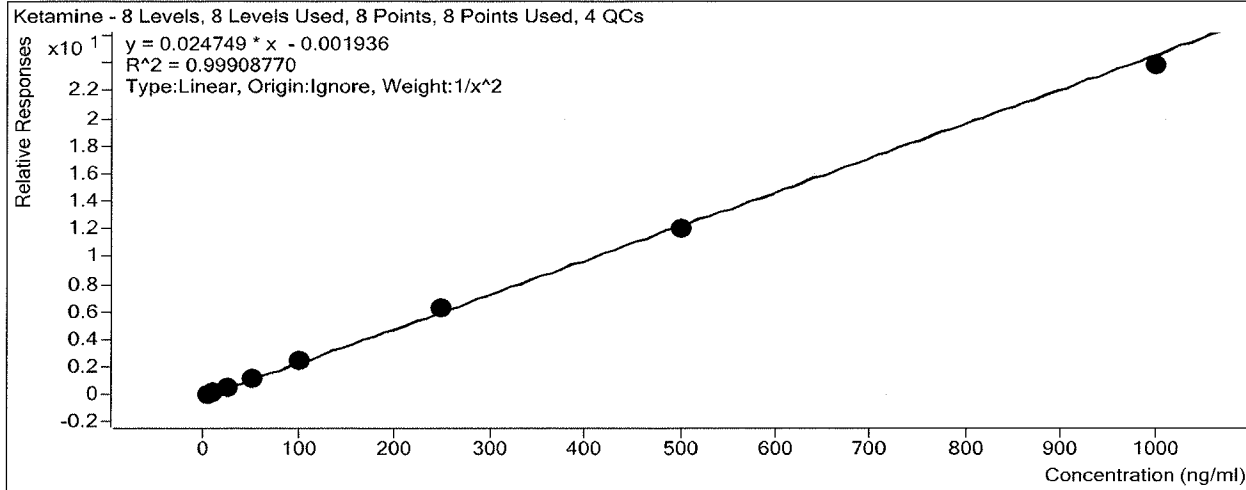
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b qc 100	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.0	102.8
b QC 250	6	<input checked="" type="checkbox"/>	250	251.4	100.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.2	97.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.2	96.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	939.4	93.9

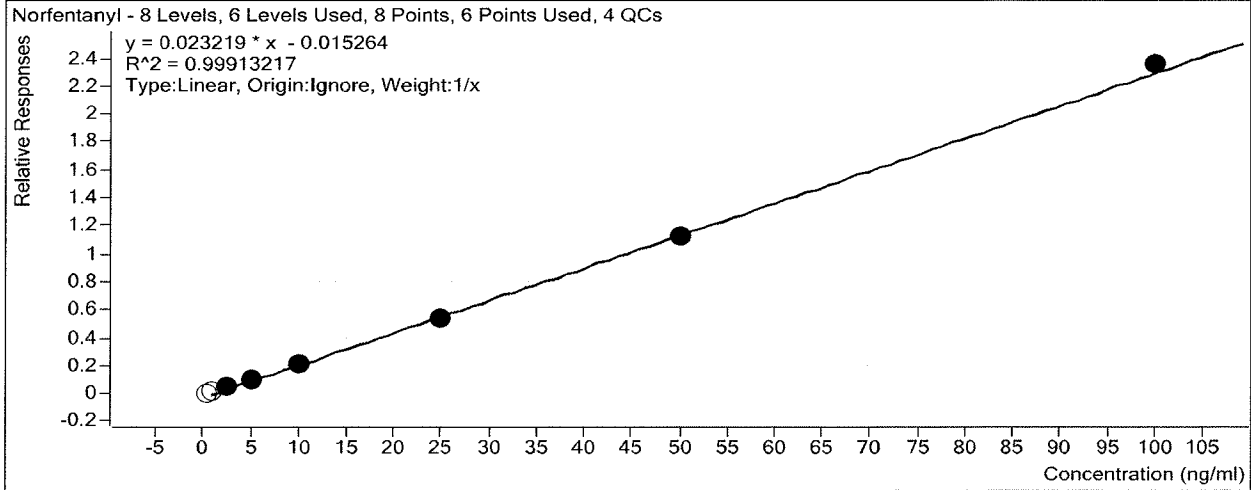
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	208.5
b cal 2-10ng	2	<input type="checkbox"/>	1	1.5	148.5
b QC 10	2	<input type="checkbox"/>	1	1.5	148.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	108.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	95.7
b qc 100	5	<input checked="" type="checkbox"/>	10	9.9	98.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.1	96.4
b QC 250	6	<input checked="" type="checkbox"/>	25	24.3	97.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.1	98.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 1000	8	<input checked="" type="checkbox"/>	100	104.6	104.6

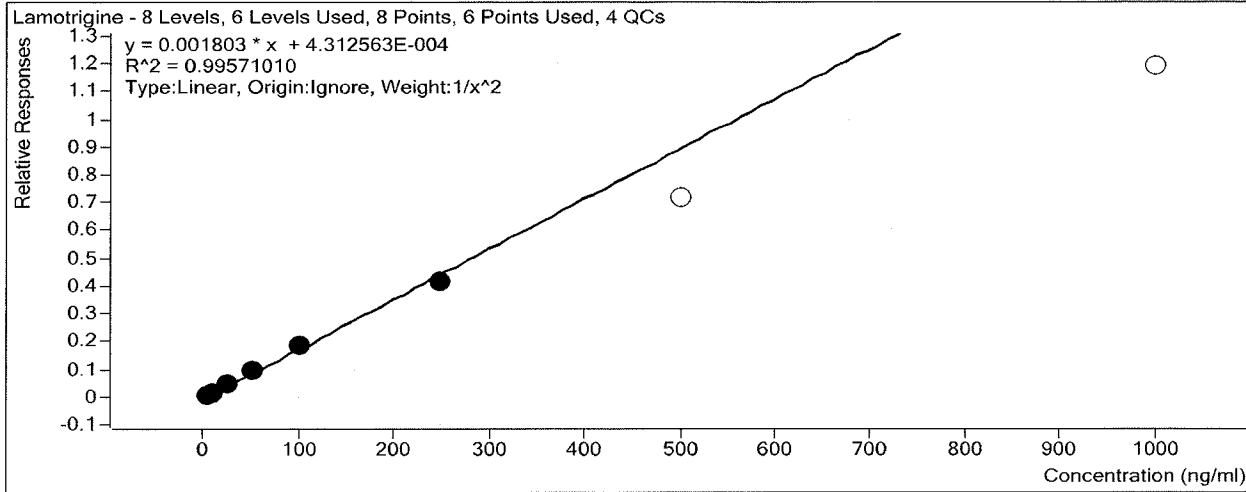
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.7	101.7
b qc 100	5	<input checked="" type="checkbox"/>	100	104.5	104.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.1	92.4
b QC 250	6	<input checked="" type="checkbox"/>	250	247.2	98.9
b cal 7-500ng	7	<input type="checkbox"/>	500	397.3	79.5
b cal 8-1000ng	8	<input type="checkbox"/>	1000	659.1	65.9
b qc 1000	8	<input type="checkbox"/>	1000	656.6	65.7

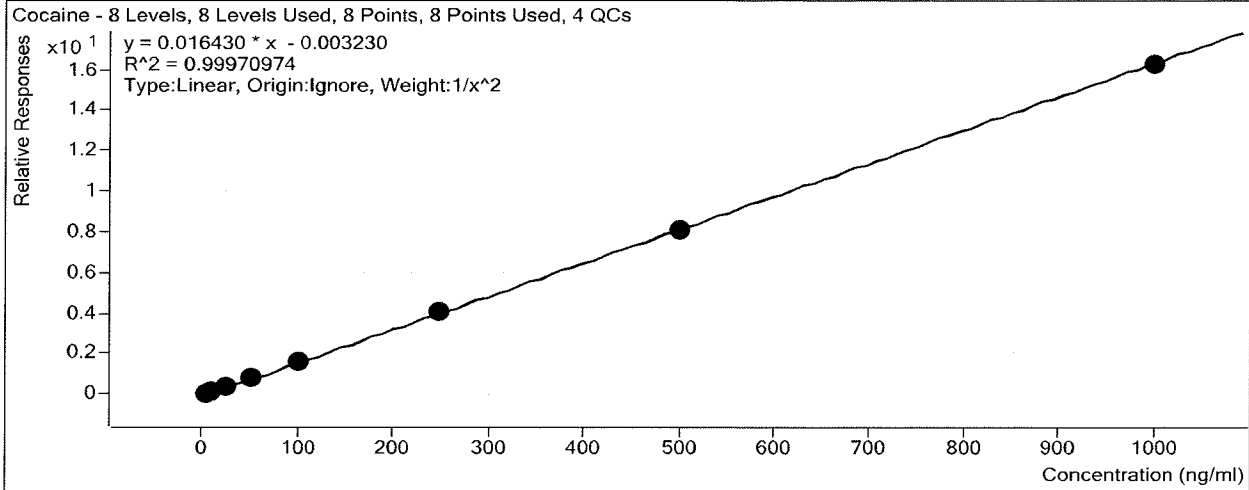
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	99.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	101.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
b qc 100	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.6	100.2
b QC 250	6	<input checked="" type="checkbox"/>	250	248.1	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.1	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.5	98.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	994.2	99.4

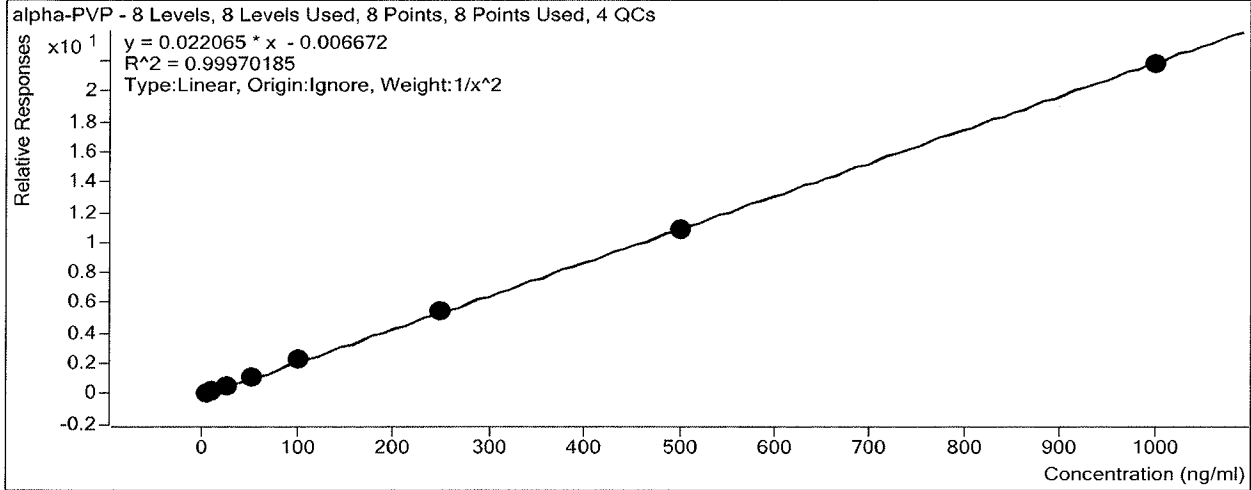
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.0	100.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.6	98.6
b QC 250	6	<input checked="" type="checkbox"/>	250	248.1	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.5	98.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.0	98.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1013.2	101.3

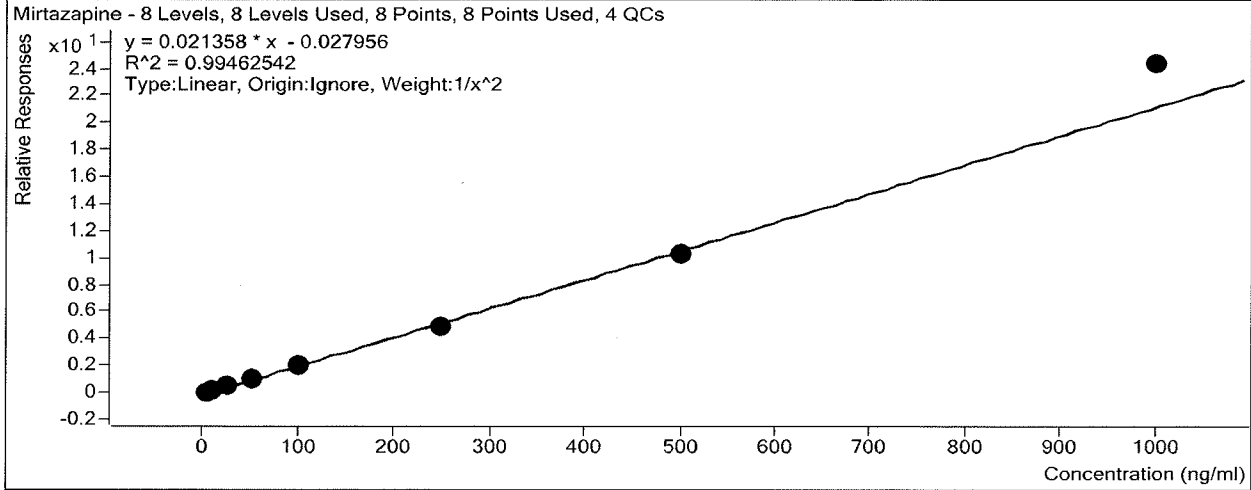
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b qc 100	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.2	93.7
b QC 250	6	<input checked="" type="checkbox"/>	250	258.1	103.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.1	96.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1142.1	114.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1083.3	108.3

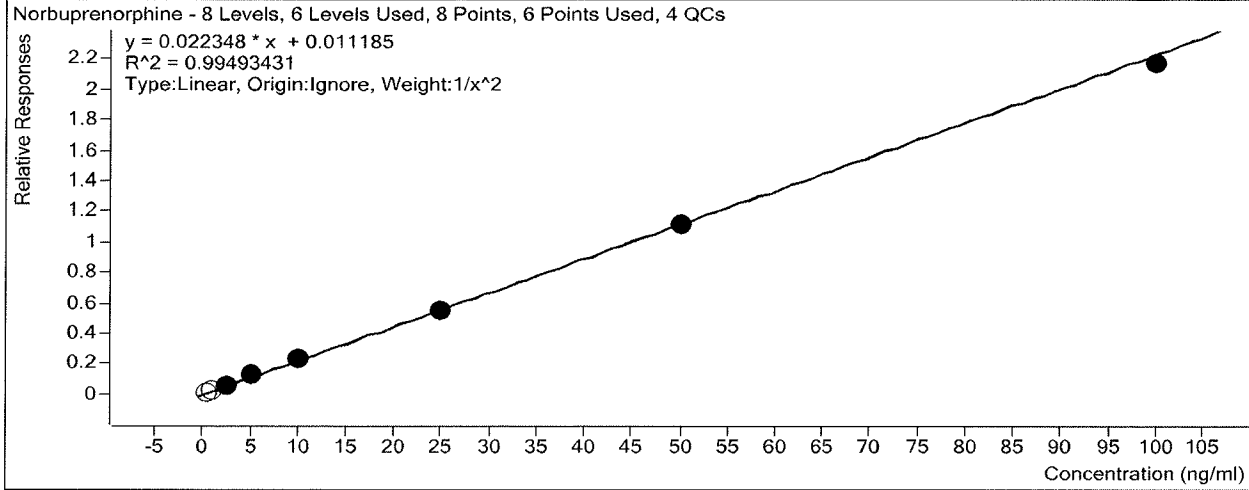
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.3	66.8
b cal 2-10ng	2	<input type="checkbox"/>	1	1.0	98.7
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	112.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	94.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.5	109.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.3	103.3
b qc 100	5	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.1	96.3
b QC 250	6	<input checked="" type="checkbox"/>	25	25.9	103.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	96.6	96.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	95.9	95.9

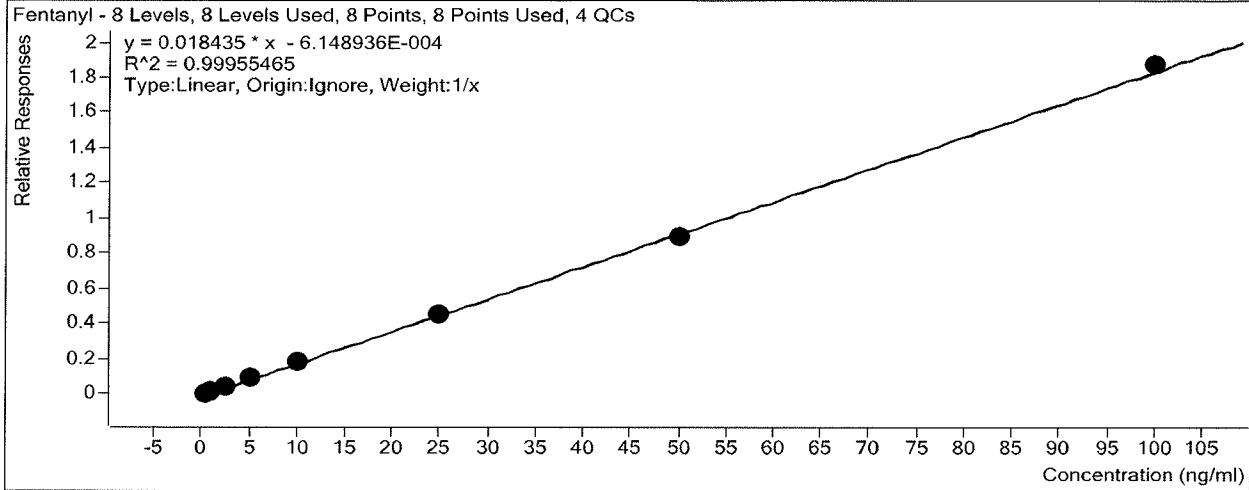
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	103.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	100.6
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	97.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	97.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.2	101.8
b qc 100	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.9	99.5
b QC 250	6	<input checked="" type="checkbox"/>	25	24.1	96.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.5	96.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.6	101.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	106.0	106.0

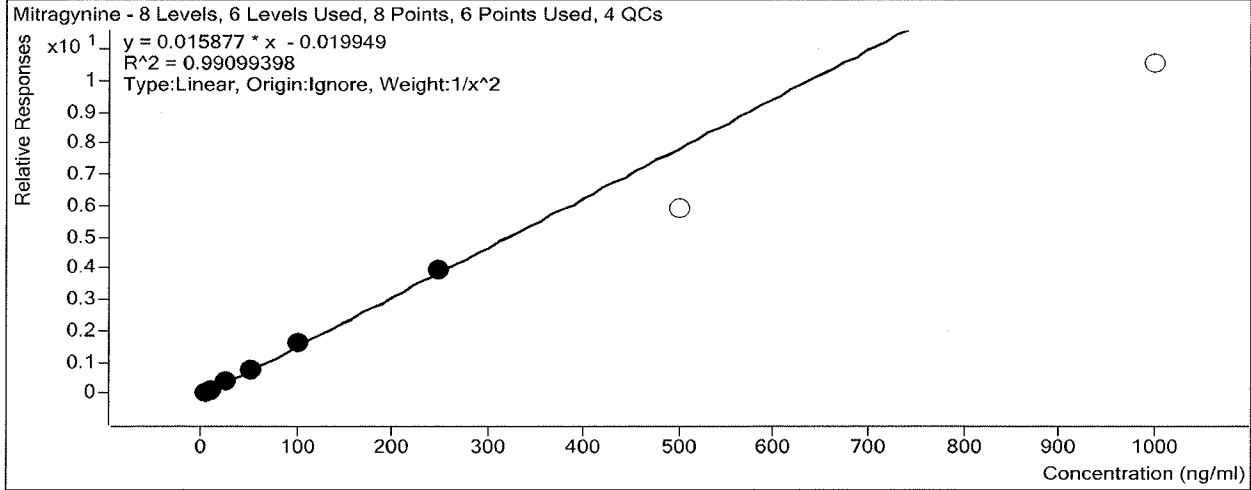
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.5	85.0
b QC 10	2	<input checked="" type="checkbox"/>	10	8.2	81.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.7	103.7
b qc 100	5	<input checked="" type="checkbox"/>	100	78.8	78.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.0	99.6
b QC 250	6	<input checked="" type="checkbox"/>	250	205.6	82.2
b cal 7-500ng	7	<input type="checkbox"/>	500	372.6	74.5
b cal 8-1000ng	8	<input type="checkbox"/>	1000	665.4	66.5
b qc 1000	8	<input type="checkbox"/>	1000	588.2	58.8

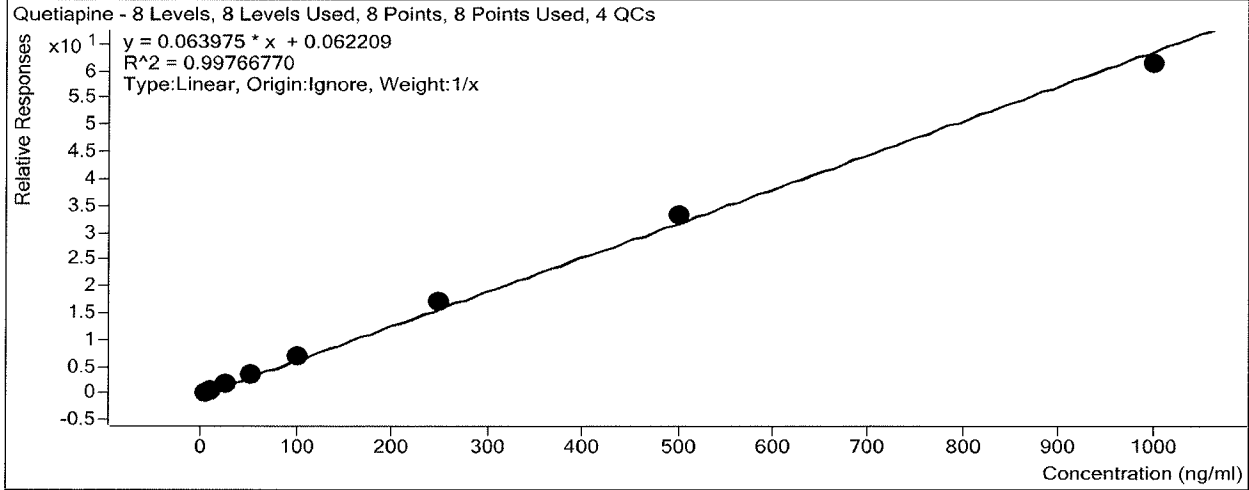
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.1	81.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.7	106.7
b qc 100	5	<input checked="" type="checkbox"/>	100	113.0	113.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.9	106.4
b QC 250	6	<input checked="" type="checkbox"/>	250	275.7	110.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.3	103.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	958.3	95.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.0	102.2

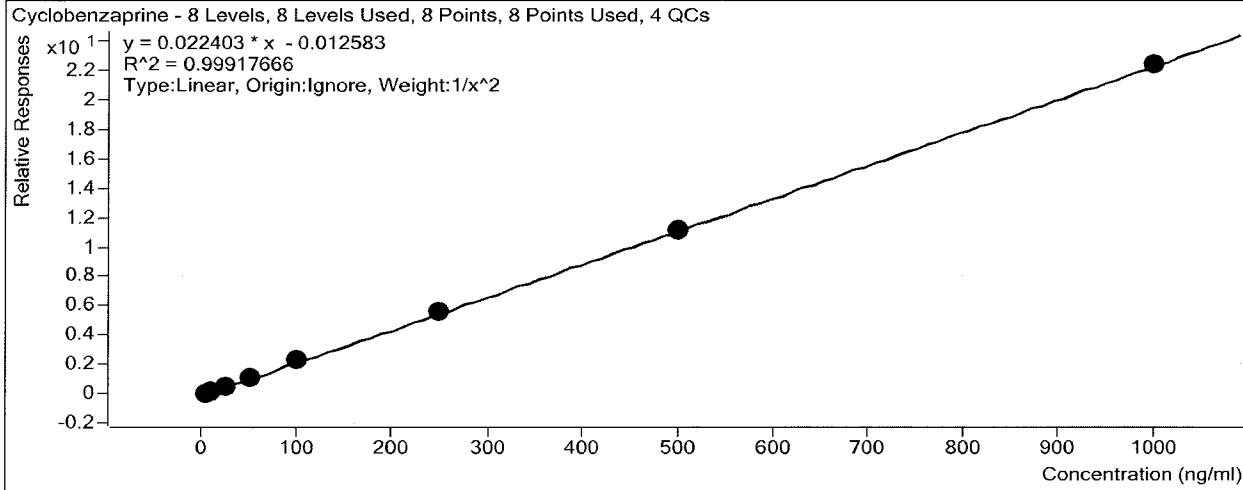
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
b qc 100	5	<input checked="" type="checkbox"/>	100	99.9	99.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.5	99.8
b QC 250	6	<input checked="" type="checkbox"/>	250	243.3	97.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.2	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	999.2	99.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	954.6	95.5

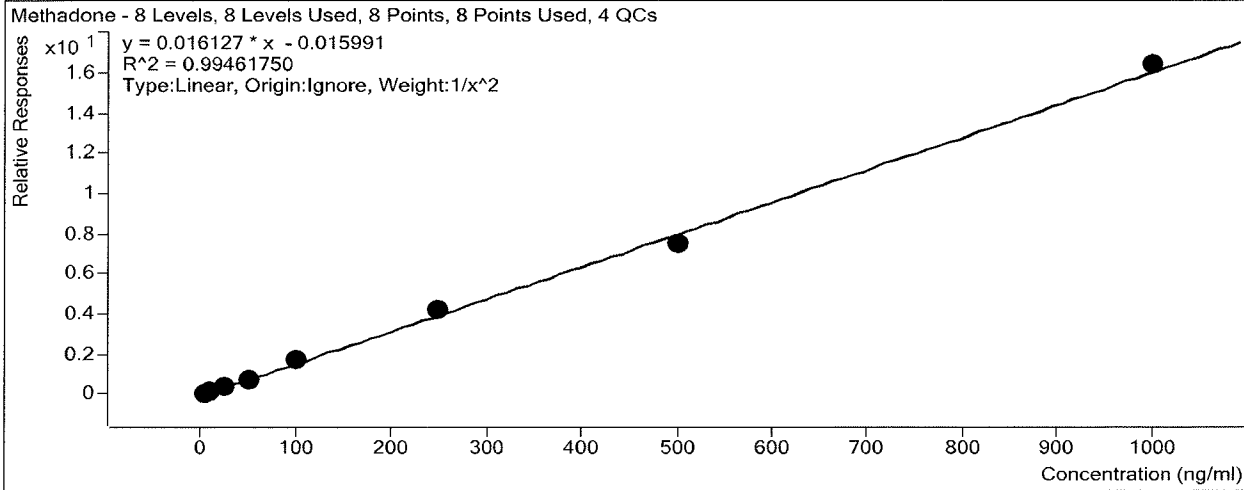
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.9	108.9
b qc 100	5	<input checked="" type="checkbox"/>	100	119.0	119.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.7	103.5
b QC 250	6	<input checked="" type="checkbox"/>	250	272.4	109.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	464.7	92.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1017.3	101.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	899.4	89.9

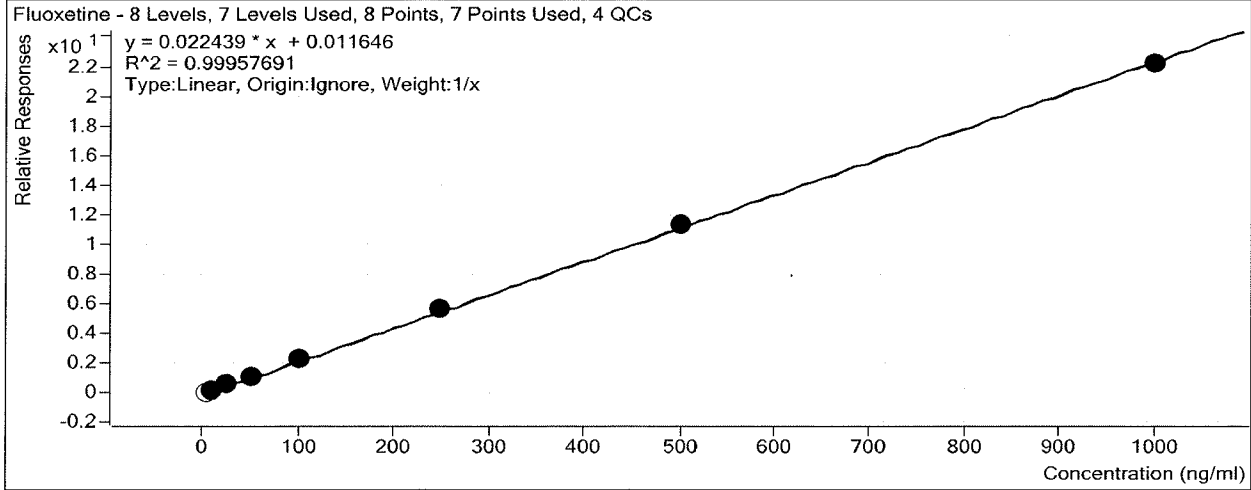
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	4.0	80.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.6	106.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.0	105.0
b qc 100	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.2	100.5
b QC 250	6	<input checked="" type="checkbox"/>	250	235.0	94.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.9	101.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.7	98.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	947.3	94.7

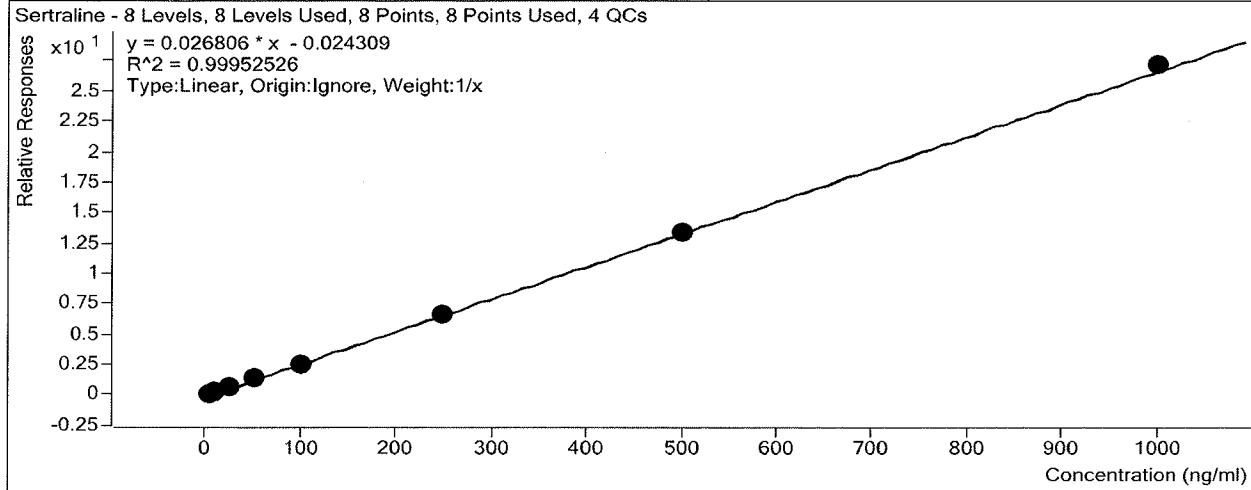
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.5	94.5
b qc 100	5	<input checked="" type="checkbox"/>	100	98.7	98.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.4	98.2
b QC 250	6	<input checked="" type="checkbox"/>	250	239.5	95.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.1	99.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.3	101.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	969.2	96.9

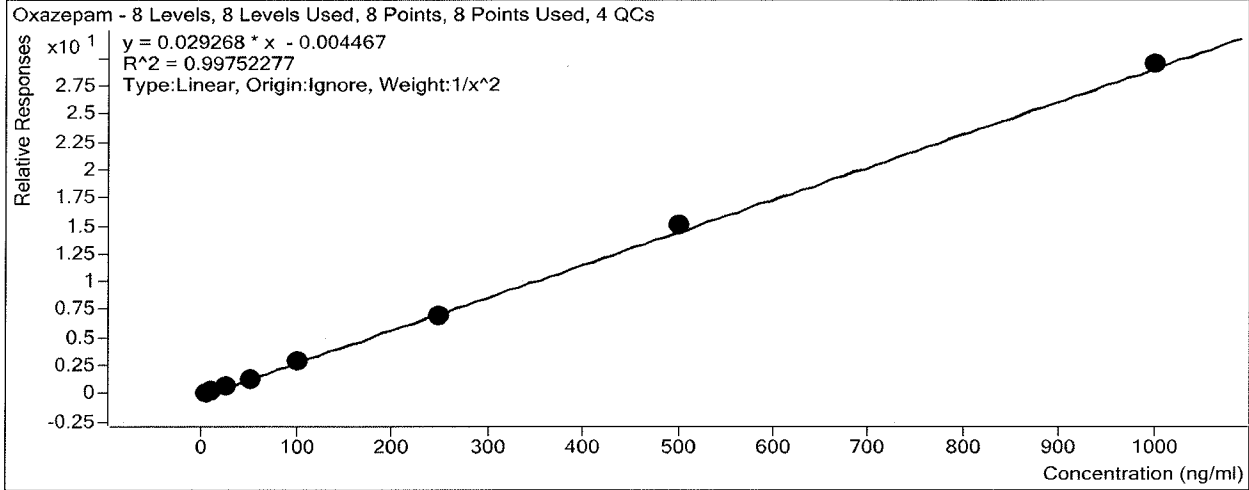
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.8
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b qc 100	5	<input checked="" type="checkbox"/>	100	88.5	88.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	240.2	96.1
b QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.8	104.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.7	100.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1119.2	111.9

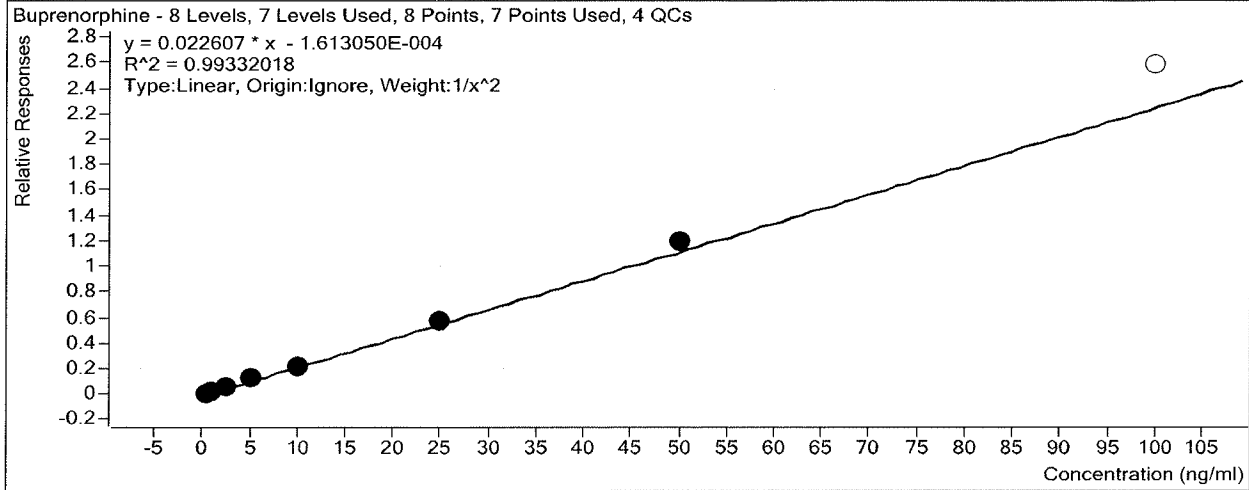
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	105.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	92.7
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	107.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	88.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.3	106.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.0	99.7
b qc 100	5	<input checked="" type="checkbox"/>	10	9.9	99.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.2	100.9
b QC 250	6	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.0	106.0
b cal 8-1000ng	8	<input type="checkbox"/>	100	114.2	114.2
b qc 1000	8	<input checked="" type="checkbox"/>	100	111.5	111.5

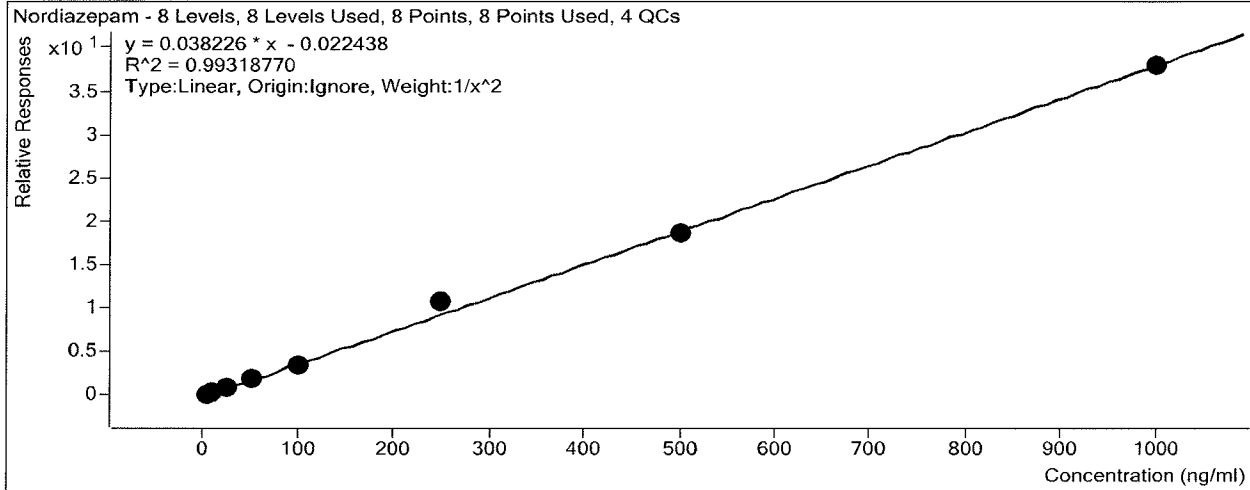
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	105.8
b QC 10	2	<input checked="" type="checkbox"/>	10	8.8	87.5
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	93.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.6	91.6
b qc 100	5	<input checked="" type="checkbox"/>	100	89.0	89.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	286.0	114.4
b QC 250	6	<input checked="" type="checkbox"/>	250	229.4	91.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.8	97.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.6	99.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	991.3	99.1

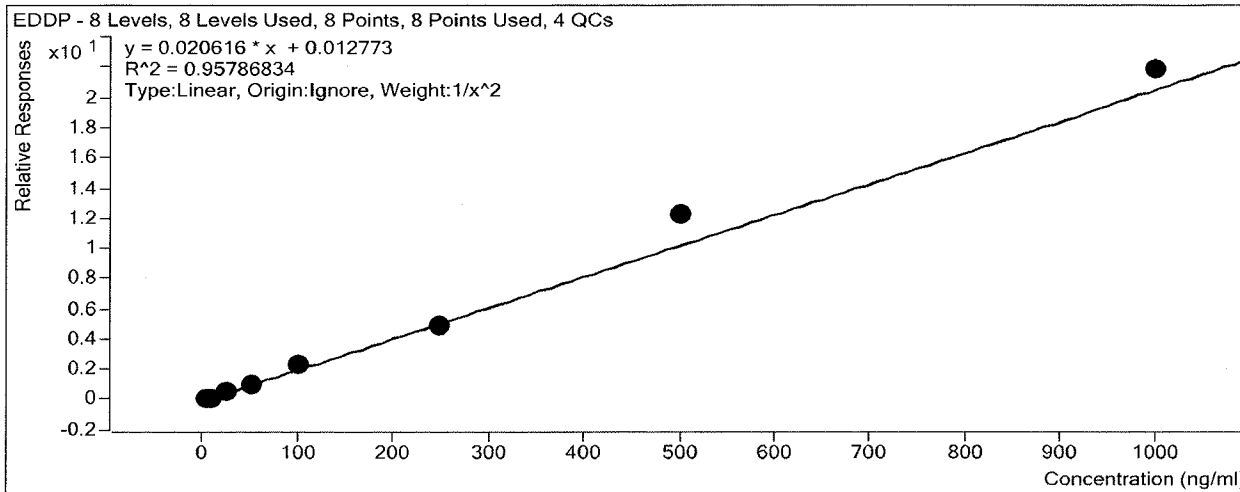
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	119.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	6.5	65.3
b QC 10	2	<input checked="" type="checkbox"/>	10	1.6	16.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.0	92.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.1	113.1
b qc 100	5	<input checked="" type="checkbox"/>	100	94.2	94.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.8	95.1
b QC 250	6	<input checked="" type="checkbox"/>	250	248.1	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	594.4	118.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1059.2	105.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	991.9	99.2

** Not evaluated*

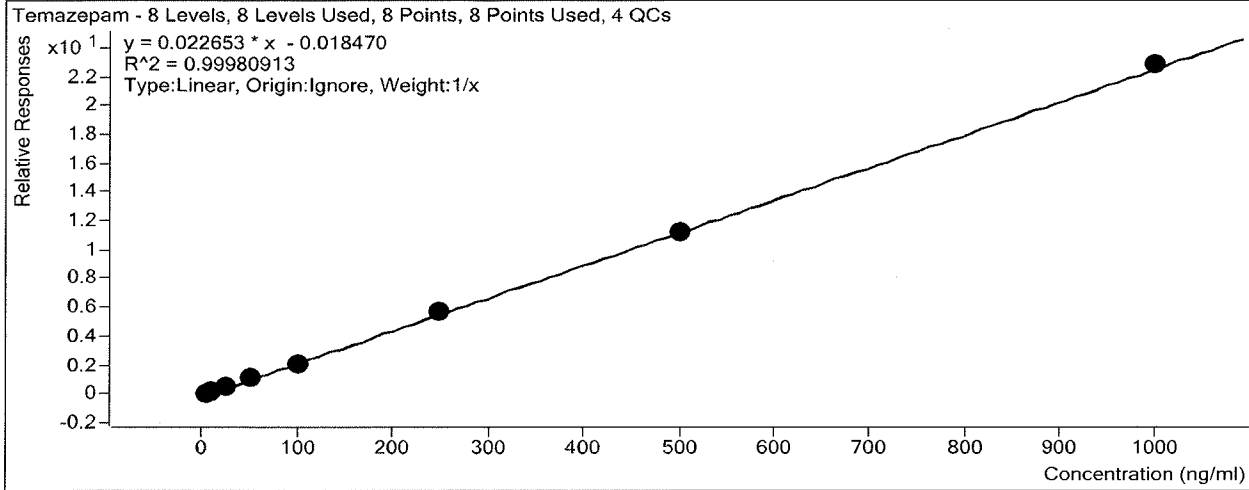
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
b qc 100	5	<input checked="" type="checkbox"/>	100	90.0	90.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.2	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	235.4	94.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.6	99.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.3	100.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	978.5	97.9

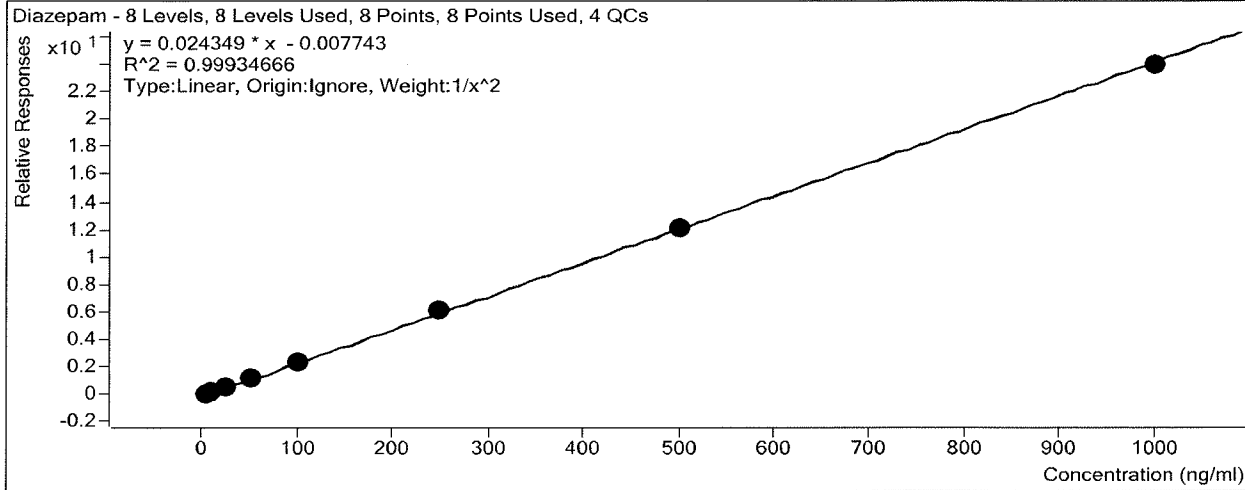
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
3/1/2019 11:46 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.6
b QC 10	2	<input checked="" type="checkbox"/>	10	7.0	69.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
b qc 100	5	<input checked="" type="checkbox"/>	100	108.1	108.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.9	101.6
b QC 250	6	<input checked="" type="checkbox"/>	250	259.8	103.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.9	100.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.4	98.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1074.0	107.4

ISP FORENSICS - Cd'A Instrument # 62340

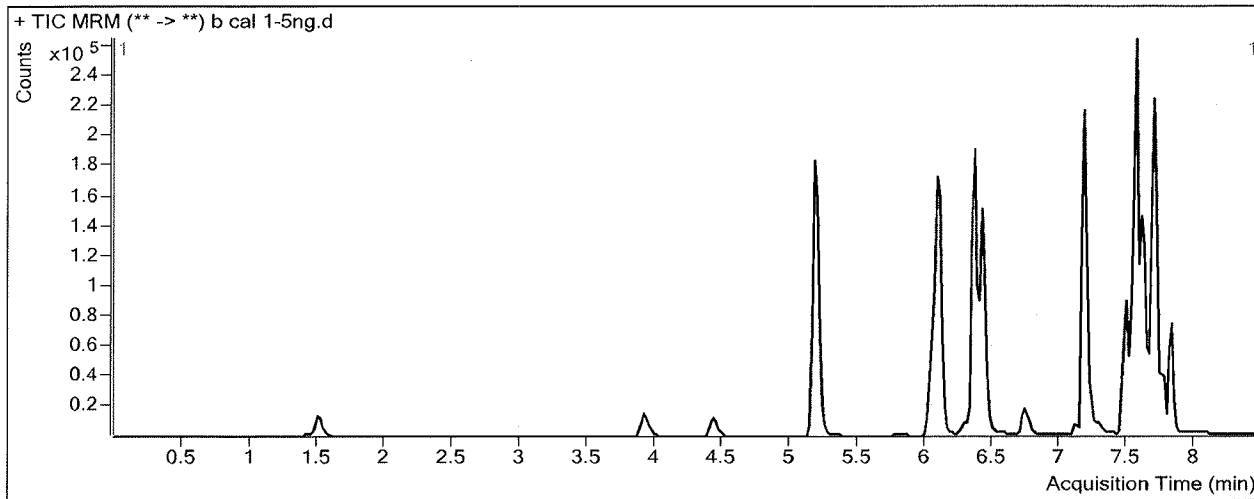
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 16:36 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position Vial 4 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



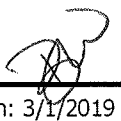
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	5124	50035	0.1024	5.3223
Dihydrocodeine	Dihydrocodeine-D6	3.970	5518	58517	0.0943	5.2037
Noroxycodone	Noroxycodone-D3	4.457	4370	40462	0.1080	0.0000 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	63235	558234	0.1133	4.7850
Benzoylcegonine	Benzoylcegonine-d8	5.828	381	2845	0.1340	5.0996
Ketamine	Ketamine-D4	6.062	25821	214702	0.1203	4.9377
Norfentanyl	Norfentanyl-D5	6.124	4106	459452	0.0089	1.0423
Lamotrigine	Ketamine-D4	6.315	2054	214702	0.0096	5.0666
Cocaine	Cocaine-d3	6.349	41922	536813	0.0781	4.9498
alpha-PVP	alpha-PVP-d8	6.425	39130	382688	0.1022	4.9363
Mirtazapine	alpha-PVP-d8	6.739	31185	382688	0.0815	5.1242
Norbuprenorphine	Norbuprenorphine-D3	7.092	362	19409	0.0186	0.3338
Fentanyl	Fentanyl-D5	7.176	5324	596626	0.0089	0.5174
Mitragynine	Quetiapine-D8	7.274	11008	170731	0.0645	5.3174
Quetiapine	Quetiapine-D8	7.477	55156	170731	0.3231	4.0774
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	16040	160509	0.0999	5.0224
Methadone	Methadone-D9	7.561	34656	517925	0.0669	5.1406
Fluoxetine	Fluoxetine-D6	7.602	24908	244839	0.1017	4.0147
Sertraline	Sertraline-D3	7.664	3944	31265	0.1262	5.6131
Oxazepam	Oxazepam-D5	7.647	13432	97042	0.1384	4.8816
Buprenorphine	Buprenorphine-D4	7.695	1748	149093	0.0117	0.5258
Nordiazepam	Nordiazepam-D5	7.774	12458	75638	0.1647	4.8956
EDDP	EDDP-D3	7.771	107	791	0.1357	5.9649 NE

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

b cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	32494	313172	0.1038	5.3958
Diazepam	Diazepam-D5	7.829	16838	150712	0.1117	4.9065



ISP FORENSICS - Cd'A Instrument # 62340

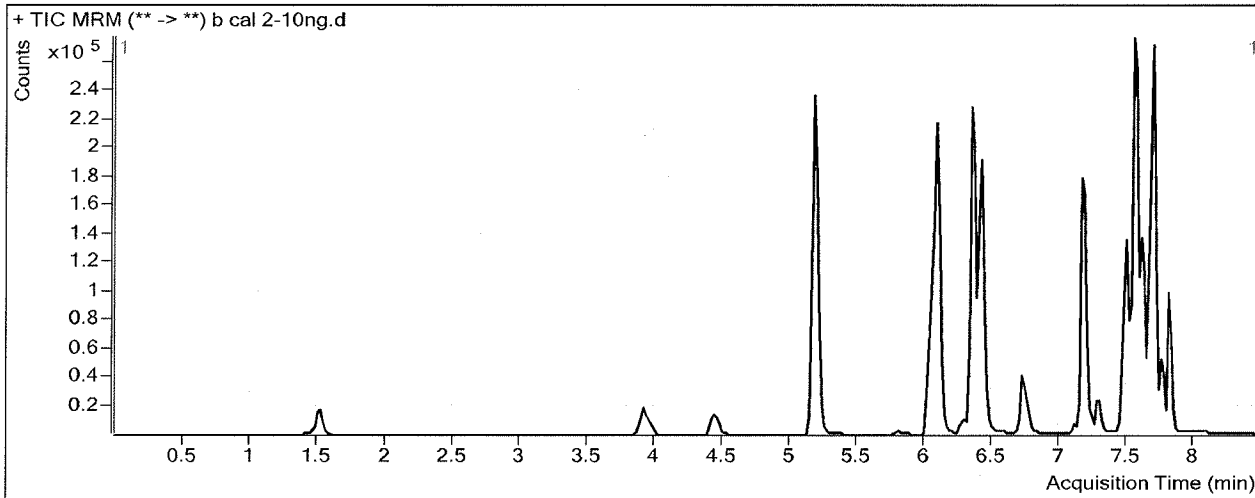
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin		
Analysis Time	3/1/2019 11:46 AM	Analyst Name	ISP Tox
Report Time	3/1/2019 11:50 AM	Reporter Name	ISP Tox
Last Calib Update	3/1/2019 11:46 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 17:01	Data File	b cal 2-10ng.d
Sample Type	Calibration	Sample Name	b cal 2-10ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-B1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.528	11723	54793	0.2140	10.2568
Dihydrocodeine	Dihydrocodeine-D6	3.970	13367	68809	0.1943	9.9422
Noroxycodone	Noroxycodone-D3	4.457	10171	46822	0.2172	5.0972 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	149507	622507	0.2402	10.2101
Benzoylcegonine	Benzoylcegonine-d8	5.828	1111	5028	0.2209	9.9140
Ketamine	Ketamine-D4	6.062	60878	242099	0.2515	10.2387
Norfentanyl	Norfentanyl-D5	6.105	9880	514270	0.0192	1.4848
Lamotrigine	Ketamine-D4	6.315	4229	242099	0.0175	9.4484
Cocaine	Cocaine-d3	6.329	97313	590173	0.1649	10.2325
alpha-PVP	alpha-PVP-d8	6.425	94483	432608	0.2184	10.2004
Mirtazapine	alpha-PVP-d8	6.719	76427	432608	0.1767	9.5804
Norbuprenorphine	Norbuprenorphine-D3	7.113	632	19022	0.0332	0.9866
Fentanyl	Fentanyl-D5	7.176	9251	516093	0.0179	1.0057
Mitragynine	Quetiapine-D8	7.254	20435	177766	0.1150	8.4967
Quetiapine	Quetiapine-D8	7.477	120746	177766	0.6792	9.6449
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	26783	126061	0.2125	10.0454
Methadone	Methadone-D9	7.561	70588	526396	0.1341	9.3064
Fluoxetine	Fluoxetine-D6	7.602	43454	206042	0.2109	8.8796
Sertraline	Sertraline-D3	7.664	9010	35301	0.2552	10.4280
Oxazepam	Oxazepam-D5	7.627	25626	83958	0.3052	10.5811
Buprenorphine	Buprenorphine-D4	7.695	3112	149687	0.0208	0.9268
Nordiazepam	Nordiazepam-D5	7.774	27776	72740	0.3819	10.5762
EDDP	EDDP-D3	7.287	3988	27042	0.1475	6.5346 NE

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

b cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.685	69294	340376	0.2036	9.8024
Diazepam	Diazepam-D5	7.809	38844	157266	0.2470	10.4621

AW

ISP FORENSICS - Cd'A Instrument # 62340

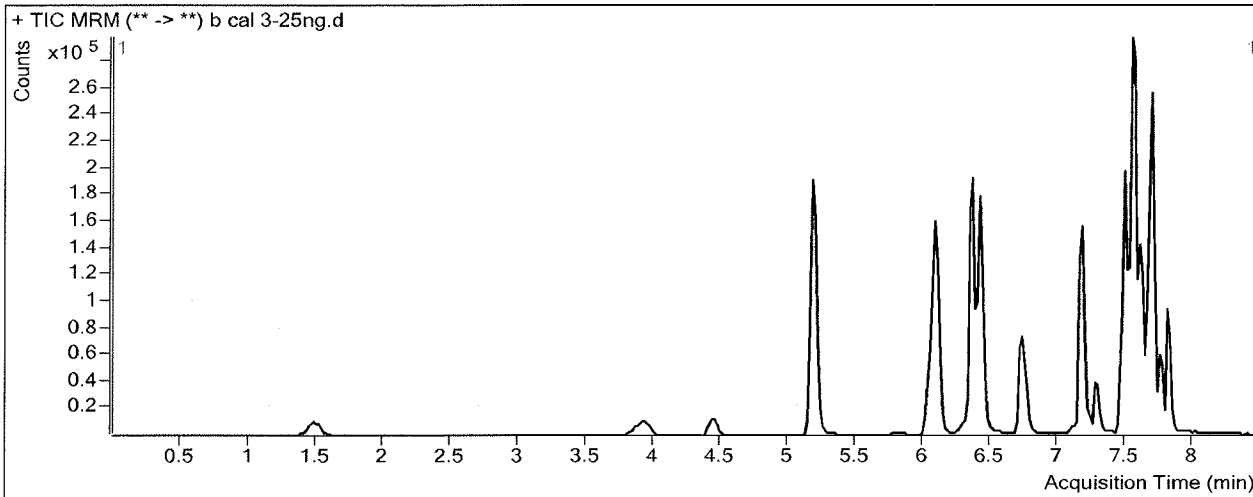
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 17:27 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	19700	36787	0.5355	24.4816
Dihydrocodeine	Dihydrocodeine-D6	3.950	21257	41923	0.5071	24.7688
Noroxycodone	Noroxycodone-D3	4.457	16980	29552	0.5746	27.4274 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	236049	406837	0.5802	24.7478
Benzoylcegonine	Benzoylcegonine-d8	5.828	1414	3009	0.4698	23.7060
Ketamine	Ketamine-D4	6.062	97224	157480	0.6174	25.0238
Norfentanyl	Norfentanyl-D5	6.124	16906	353081	0.0479	2.7195
Lamotrigine	Ketamine-D4	6.315	7513	157480	0.0477	26.2179
Cocaine	Cocaine-d3	6.349	158243	395364	0.4002	24.5575
alpha-PVP	alpha-PVP-d8	6.425	158128	287131	0.5507	25.2608
Mirtazapine	alpha-PVP-d8	6.739	143323	287131	0.4992	24.6795
Norbuprenorphine	Norbuprenorphine-D3	7.092	974	15191	0.0641	2.3678
Fentanyl	Fentanyl-D5	7.176	18616	419481	0.0444	2.4406
Mitragynine	Quetiapine-D8	7.254	53356	135080	0.3950	26.1354
Quetiapine	Quetiapine-D8	7.477	240213	135080	1.7783	26.8244
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	64158	123345	0.5201	23.7796
Methadone	Methadone-D9	7.561	167737	412053	0.4071	26.2332
Fluoxetine	Fluoxetine-D6	7.602	92242	151796	0.6077	26.5619
Sertraline	Sertraline-D3	7.664	13274	22148	0.5993	23.2639
Oxazepam	Oxazepam-D5	7.627	48640	66543	0.7310	25.1270
Buprenorphine	Buprenorphine-D4	7.695	6285	125628	0.0500	2.2200
Nordiazepam	Nordiazepam-D5	7.774	50151	53753	0.9330	24.9942
EDDP	EDDP-D3	7.287	9928	20781	0.4777	22.5534 NE

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

b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.685	127087	229762	0.5531	25.2329
Diazepam	Diazepam-D5	7.829	65541	111222	0.5893	24.5198

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ISP FORENSICS - Cd'A Instrument # 62340

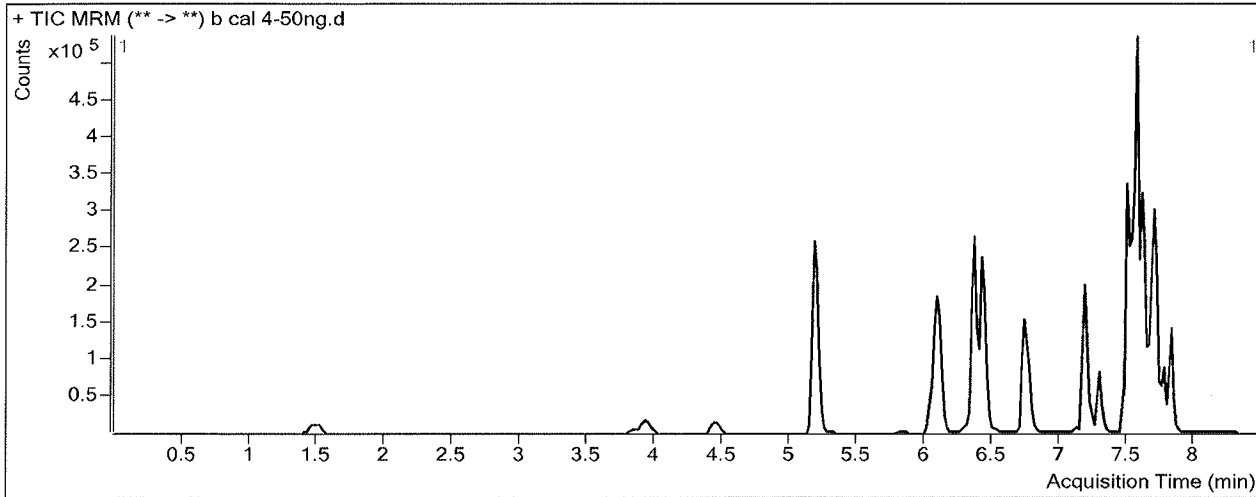
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 17:53 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	37531	35234	1.0652	47.9126
Dihydrocodeine	Dihydrocodeine-D6	3.930	40211	40892	0.9833	47.3443
Noroxycodone	Noroxycodone-D3	4.457	31506	26911	1.1707	64.6782 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	472075	403048	1.1713	50.0174
Benzoylcegonine	Benzoylcegonine-d8	5.828	2302	2715	0.8478	44.6497
Ketamine	Ketamine-D4	6.062	186973	153675	1.2167	49.2394
Norfentanyl	Norfentanyl-D5	6.124	34623	348157	0.0994	4.9403
Lamotrigine	Ketamine-D4	6.315	14643	153675	0.0953	52.6007
Cocaine	Cocaine-d3	6.349	318849	382269	0.8341	50.9637
alpha-PVP	alpha-PVP-d8	6.425	306917	279625	1.0976	50.0457
Mirtazapine	alpha-PVP-d8	6.739	293383	279625	1.0492	50.4328
Norbuprenorphine	Norbuprenorphine-D3	7.113	2077	15499	0.1340	5.4957
Fentanyl	Fentanyl-D5	7.176	43564	482996	0.0902	4.9260
Mitragynine	Quetiapine-D8	7.274	113939	145970	0.7806	50.4203
Quetiapine	Quetiapine-D8	7.477	487013	145970	3.3364	51.1790
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	189379	169128	1.1197	50.5433
Methadone	Methadone-D9	7.561	327364	450126	0.7273	46.0875
Fluoxetine	Fluoxetine-D6	7.602	330220	292699	1.1282	49.7590
Sertraline	Sertraline-D3	7.664	59170	46577	1.2704	48.2975
Oxazepam	Oxazepam-D5	7.647	80232	59344	1.3520	46.3455
Buprenorphine	Buprenorphine-D4	7.695	14916	123705	0.1206	5.3406
Nordiazepam	Nordiazepam-D5	7.774	94985	53694	1.7690	46.8639
EDDP	EDDP-D3	7.287	18271	18992	0.9620	46.0462 NE DP

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Multi-Drug Confirmatory Analysis Report

b cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	237705	220310	1.0790	48.4453
Diazepam	Diazepam-D5	7.829	130650	108941	1.1993	49.5722

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ISP FORENSICS - Cd'A Instrument # 62340

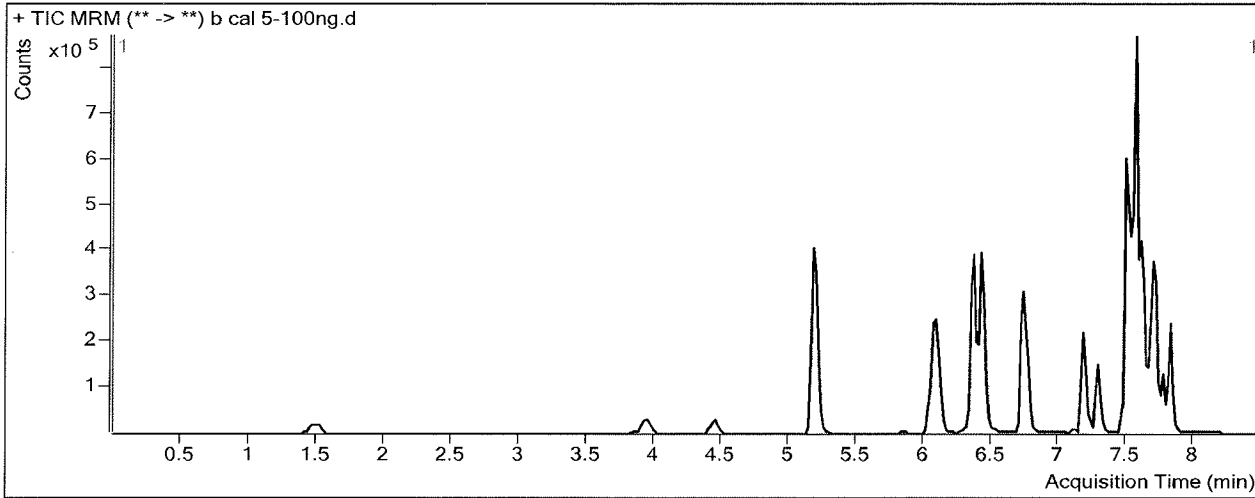
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin		
Analysis Time	3/1/2019 11:46 AM	Analyst Name	ISP Tox
Report Time	3/1/2019 11:50 AM	Reporter Name	ISP Tox
Last Calib Update	3/1/2019 11:46 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 18:18	Data File	b cal 5-100ng.d
Sample Type	Calibration	Sample Name	b cal 5-100ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	74599	33902	2.2005	98.1333
Dihydrocodeine	Dihydrocodeine-D6	3.950	84812	39410	2.1521	102.7411
Naroxycodone	Noroxycodone-D3	4.457	61462	23793	2.5832	152.9368 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	964572	401114	2.4047	102.7524
Benzoylcegonine	Benzoylcegonine-d8	5.828	5144	2576	1.9968	108.3108
Ketamine	Ketamine-D4	6.062	389943	152474	2.5574	103.4139
Norfentanyl	Norfentanyl-D5	6.124	69153	334159	0.2069	9.5701
Lamotrigine	Ketamine-D4	6.315	28020	152474	0.1838	101.6683
Cocaine	Cocaine-d3	6.349	625580	380661	1.6434	100.2222
alpha-PVP	alpha-PVP-d8	6.425	628530	280096	2.2440	101.9996
Mirtazapine	alpha-PVP-d8	6.739	574957	280096	2.0527	97.4177
Norbuprenorphine	Norbuprenorphine-D3	7.113	3604	14891	0.2421	10.3309
Fentanyl	Fentanyl-D5	7.176	87932	470301	0.1870	10.1754
Mitragynine	Quetiapine-D8	7.274	226429	139230	1.6263	103.6880
Quetiapine	Quetiapine-D8	7.477	958946	139230	6.8875	106.6861
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	349430	150598	2.3203	104.1323
Methadone	Methadone-D9	7.561	653557	375610	1.7400	108.8829
Fluoxetine	Fluoxetine-D6	7.602	565284	238732	2.3679	105.0050
Sertraline	Sertraline-D3	7.664	85238	33986	2.5080	94.4680
Oxazepam	Oxazepam-D5	7.647	115455	38529	2.9965	102.5339
Buprenorphine	Buprenorphine-D4	7.695	27203	120784	0.2252	9.9696
Nordiazepam	Nordiazepam-D5	7.774	159630	45871	3.4800	91.6222
EDDP NE	EDDP-D3	7.287	50446	21513	2.3449	113.1263 NE

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Multi-Drug Confirmatory Analysis Report

b cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.705	429387	199144	2.1562	95.9986
Diazepam	Diazepam-D5	7.829	248339	102182	2.4304	100.1330

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ISP FORENSICS - Cd'A Instrument # 62340

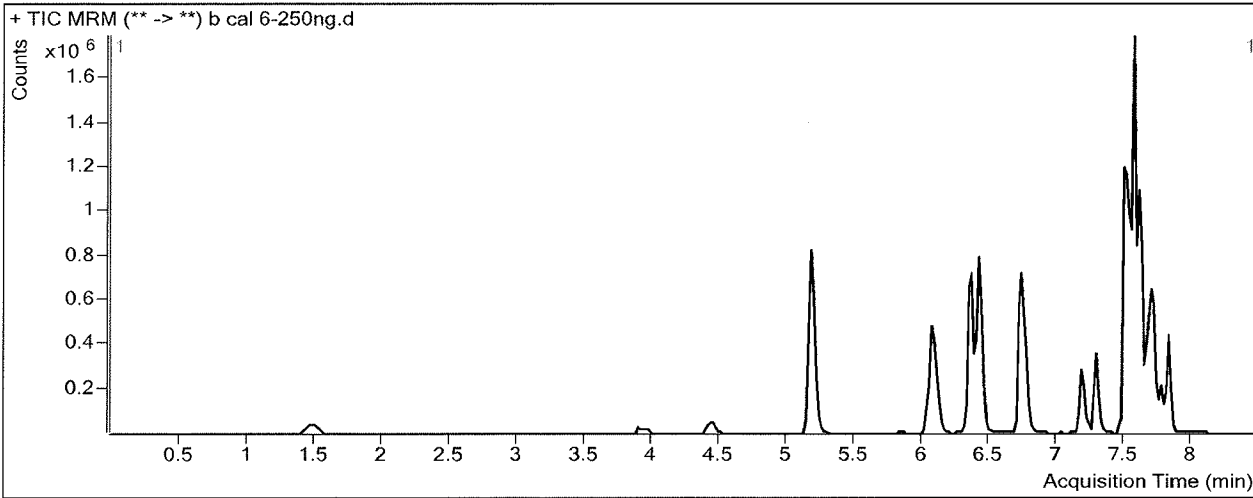
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin		
Analysis Time	3/1/2019 11:46 AM	Analyst Name	ISP Tox
Report Time	3/1/2019 11:50 AM	Reporter Name	ISP Tox
Last Calib Update	3/1/2019 11:46 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 18:44	Data File	b cal 6-250ng.d
Sample Type	Calibration	Sample Name	b cal 6-250ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	165531	29397	5.6309	249.8842
Noroxycodone	Noroxycodone-D3	4.457	132108	17632	7.4926	459.7078 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	2312088	387557	5.9658	255.0001
Benzoylcegonine	Benzoylcegonine-d8	5.828	15429	3185	4.8443	266.0873
Ketamine	Ketamine-D4	6.062	936328	147232	6.3595	257.0418
Norfentanyl	Norfentanyl-D5	6.124	177729	326529	0.5443	24.0992
Lamotrigine	Ketamine-D4	6.315	61422	147232	0.4172	231.1087
Cocaine	Cocaine-d3	6.349	1461658	355291	4.1140	250.5933
alpha-PVP	alpha-PVP-d8	6.425	1513829	278579	5.4341	246.5760
Mirtazapine	alpha-PVP-d8	6.739	1385619	278579	4.9739	234.1876
Norbuprenorphine	Norbuprenorphine-D3	7.113	8076	14709	0.5491	24.0690
Fentanyl	Fentanyl-D5	7.176	212679	464280	0.4581	24.8818
Mitragynine	Quetiapine-D8	7.274	509826	129595	3.9340	249.0385
Quetiapine	Quetiapine-D8	7.477	2212551	129595	17.0728	265.8937
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	911916	163531	5.5764	249.4762
Methadone	Methadone-D9	7.561	1676224	403383	4.1554	258.6562
Fluoxetine	Fluoxetine-D6	7.602	1880258	332869	5.6486	251.2136
Sertraline	Sertraline-D3	7.664	367424	56052	6.5551	245.4416
Oxazepam	Oxazepam-D5	7.647	146443	20840	7.0271	240.2453
Buprenorphine	Buprenorphine-D4	7.695	65106	114207	0.5701	25.2235
Nordiazepam	Nordiazepam-D5	7.774	298209	27335	10.9092	285.9712
EDDP	EDDP-D3	7.287	136081	27687	4.9151	237.7945 NE
Temazepam	Temazepam-D5	7.705	809871	143346	5.6498	250.2224

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Multi-Drug Confirmatory Analysis Report

b cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	542451	87854	6.1745	253.9033

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ISP FORENSICS - Cd'A Instrument # 62340

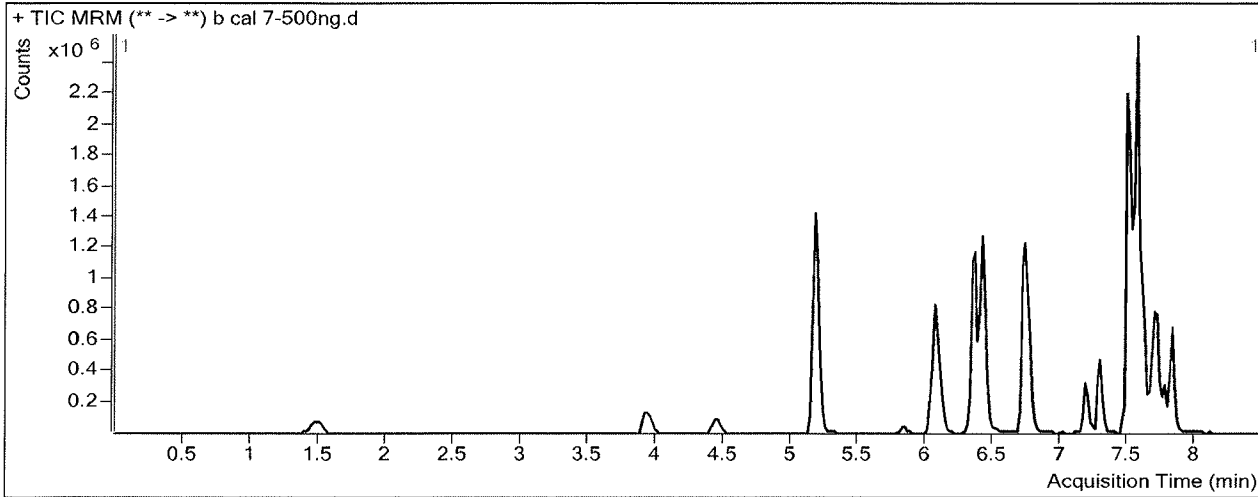
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin		
Analysis Time	3/1/2019 11:46 AM	Analyst Name	ISP Tox
Report Time	3/1/2019 11:50 AM	Reporter Name	ISP Tox
Last Calib Update	3/1/2019 11:46 AM	Batch State	Processed

Analysis Info

Acq Time	2019-02-28 19:09	Data File	b cal 7-500ng.d
Sample Type	Calibration	Sample Name	b cal 7-500ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-G1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	324182	29466	11.0019	487.4773
Noroxycodone	Noroxycodone-D3	4.457	243846	17848	13.6623	845.2311 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	4306599	374404	11.5025	491.7133
Benzoylcegonine	Benzoylcegonine-d8	5.828	54127	2482	21.8088	1206.0713 ocr
Ketamine	Ketamine-D4	6.062	1740712	143801	12.1050	489.1950
Norfentanyl	Norfentanyl-D5	6.105	333922	296598	1.1258	49.1449
Lamotrigine	Ketamine-D4	6.315	103083	143801	0.7168	397.2870
Cocaine	Cocaine-d3	6.349	2644393	324591	8.1469	496.0535
alpha-PVP	alpha-PVP-d8	6.425	2638488	242445	10.8828	493.5113
Mirtazapine	alpha-PVP-d8	6.739	2500064	242445	10.3119	484.1137
Norbuprenorphine	Norbuprenorphine-D3	7.113	13322	11904	1.1192	49.5808
Fentanyl	Fentanyl-D5	7.176	313286	350867	0.8929	48.4677
Mitragynine	Quetiapine-D8	7.274	686354	116409	5.8961	372.6188 ocr
Quetiapine	Quetiapine-D8	7.477	3860094	116409	33.1597	517.3493
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	1036966	93571	11.0821	495.2364
Methadone	Methadone-D9	7.561	2486451	332499	7.4781	464.6841
Fluoxetine	Fluoxetine-D6	7.602	1390437	122360	11.3635	505.8964
Sertraline	Sertraline-D3	7.664	209687	15700	13.3559	499.1408
Oxazepam	Oxazepam-D5	7.647	205061	13483	15.2089	519.7861
Buprenorphine	Buprenorphine-D4	7.695	98642	82369	1.1976	52.9798
Nordiazepam	Nordiazepam-D5	7.774	468253	25196	18.5843	486.7500
EDDP	EDDP-D3	7.287	271520	22134	12.2671	594.4169 NE
Temazepam	Temazepam-D5	7.705	1371552	122122	11.2310	496.6051

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

b cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	946025	77764	12.1654	499.9480

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ISP FORENSICS - Cd'A Instrument # 62340

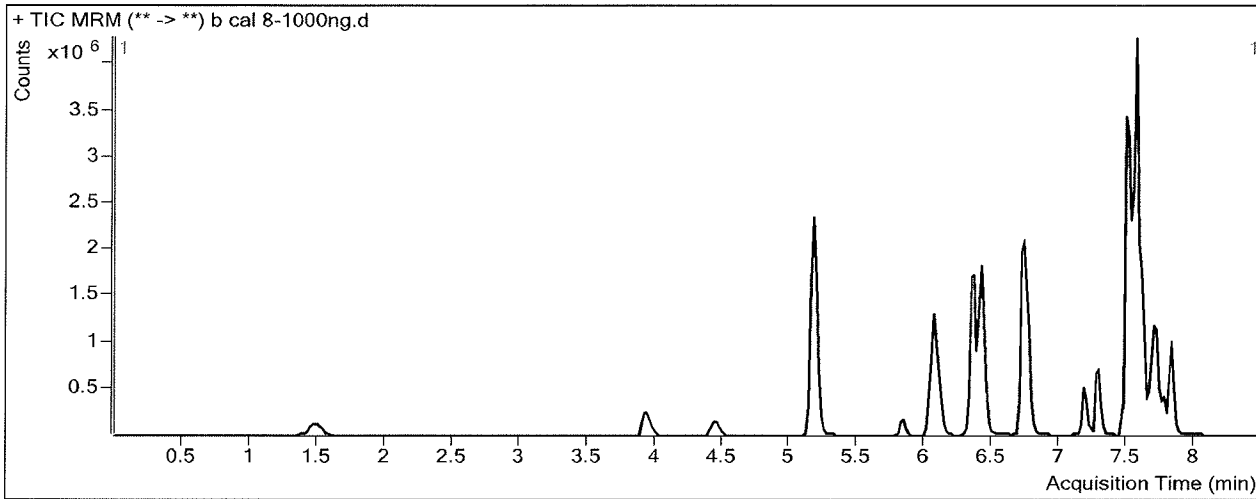
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2019 Data\022819 mdqr\QuantResults\mdqp1b.batch.bin
Analysis Time 3/1/2019 11:46 AM **Analyst Name** ISP Tox
Report Time 3/1/2019 11:50 AM **Reporter Name** ISP Tox
Last Calib Update 3/1/2019 11:46 AM **Batch State** Processed

Analysis Info

Acq Time 2019-02-28 19:35 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.488	591461	25759	22.9615	1016.5320
Noroxycodone	Noroxycodone-D3	4.437	85572	13533	6.3234	386.6501 NE
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	7769365	331890	23.4095	1000.7738
Benzoylcegonine	Benzoylcegonine-d8	5.828	218836	2285	95.7861	5305.0448
Ketamine	Ketamine-D4	6.062	2989131	125539	23.8104	962.1625
Norfentanyl	Norfentanyl-D5	6.105	617433	262325	2.3537	102.0260
Lamotrigine	Ketamine-D4	6.315	149251	125539	1.1889	659.0553
Cocaine	Cocaine-d3	6.349	4177892	257294	16.2378	988.5070
alpha-PVP	alpha-PVP-d8	6.425	4050741	185861	21.7945	988.0269
Mirtazapine	alpha-PVP-d8	6.739	4528664	185861	24.3659	1142.1268
Norbuprenorphine	Norbuprenorphine-D3	7.113	22260	10256	2.1705	96.6244
Fentanyl	Fentanyl-D5	7.176	600012	320498	1.8721	101.5854
Mitragynine	Quetiapine-D8	7.254	1071928	101654	10.5449	665.4260
Quetiapine	Quetiapine-D8	7.477	6238742	101654	61.3725	958.3452
Cyclobenzaprine	Cyclobenzaprine-D3	7.530	1867686	83480	22.3730	999.2272
Methadone	Methadone-D9	7.561	4904025	299194	16.3908	1017.3348
Fluoxetine	Fluoxetine-D6	7.602	2696948	121625	22.1743	987.6845
Sertraline	Sertraline-D3	7.664	437840	16133	27.1399	1013.3471
Oxazepam	Oxazepam-D5	7.647	293841	9964	29.4891	1007.6927
Buprenorphine	Buprenorphine-D4	7.695	166356	64434	2.5818	114.2102
Nordiazepam	Nordiazepam-D5	7.774	646209	17041	37.9214	992.6049
EDDP	EDDP-D3	7.287	474699	21726	21.8493	1059.2231 NE
Temazepam	Temazepam-D5	7.705	2040770	89420	22.8223	1008.2975

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

pcal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	1555685	64990	23.9372	983.4180

(Signature)