




















Worklist: 2859

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2018-2341	1	135385	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2410	1	135386	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2442	1	135387	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2445	2	135388	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2446	1	135389	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2463	1	135390	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2476	1	135391	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2489	1	135392	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2492	1	135393	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2507	1	135394	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-2521	1	135395	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-5910	3	135396	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-5936	1	135397	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-5994	1	135398	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6044	1	135399	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6075	1	135400	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3407	1	135401	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3429	1	135402	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3487	1	135403	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

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

Extraction Date: 12/20/18

Analyst: Anne Nord

Plate lot#: 0530563

Plate Expiration: May 21 2019

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: 18G207D7

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: 19261345** 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: 122018 mdq 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? Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: *Methamphetamine-not evaluated contamination, Diazepam not evaluated multiple peaks cut off, norhydrocodone not evaluated, carisoprodol not evaluated, norbuprenorphine not evaluated.*

Curve limits: Amphetamine 10-500, Lorazepam 10-250, Phentermine 25-1000, Benzoyllecgonine 5-500, Buprenorphine .5-50, EDDP 10-1000, norfentanyl 1-100, sertraline 5-100, mitragynine 5-500

Diphenhydramine- qualitative only external control out of range. AMN

500 amn 12/28/18

6-monoacetylmorphine not evaluated in this batch, calibrator values a factor of 10 too high. 7/20/19

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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 (17120718)

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

ISP FORENSICS - Cd'A Instrument # 62340

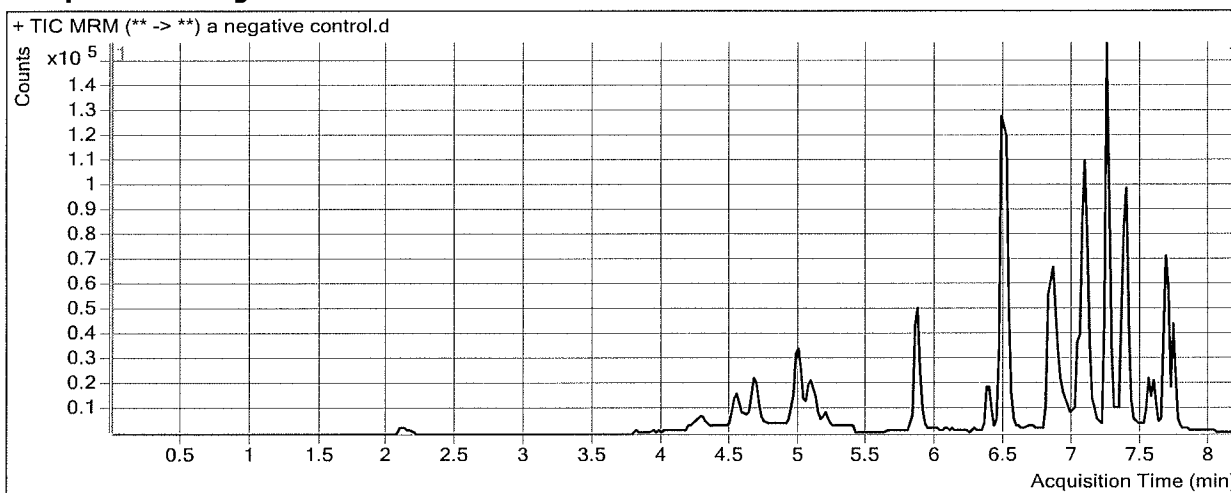
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 18:45 **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



ISP FORENSICS - Cd'A Instrument # 62340

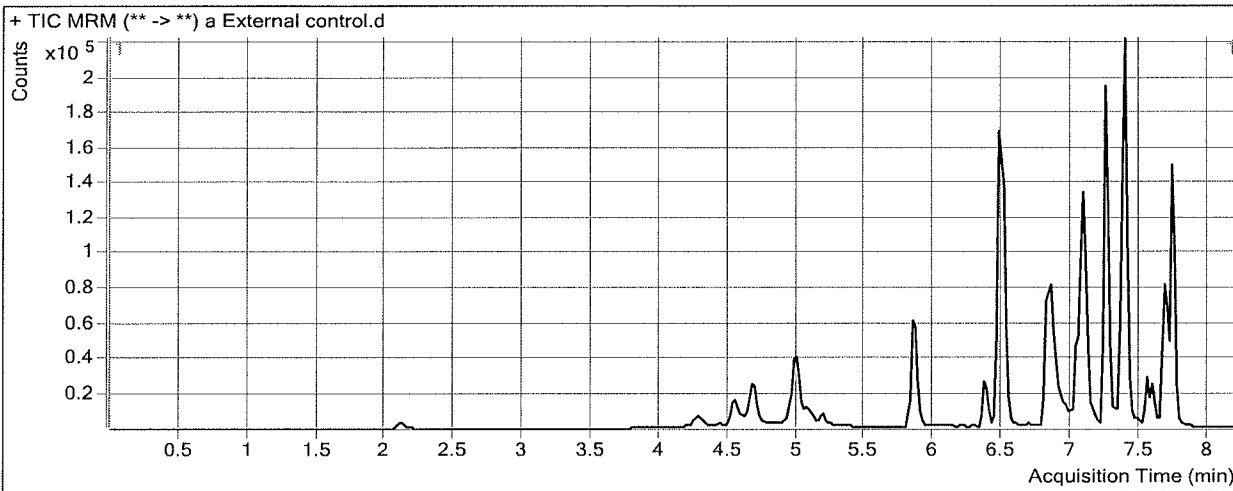
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 19:10 **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	4.684	25724	55737	0.4615	0.7086 <i>LS</i>
Diphenhydramine	Diphenhydramine-D3	7.392	179438	253827	0.7069	31.8204
Lorazepam	Clonazepam-D4	7.704	41835	29323	1.4267	47.3500
Alprazolam	Alprazolam-D5	7.729	103840	95953	1.0822	40.9371

ISP FORENSICS - Cd'A Instrument # 62340

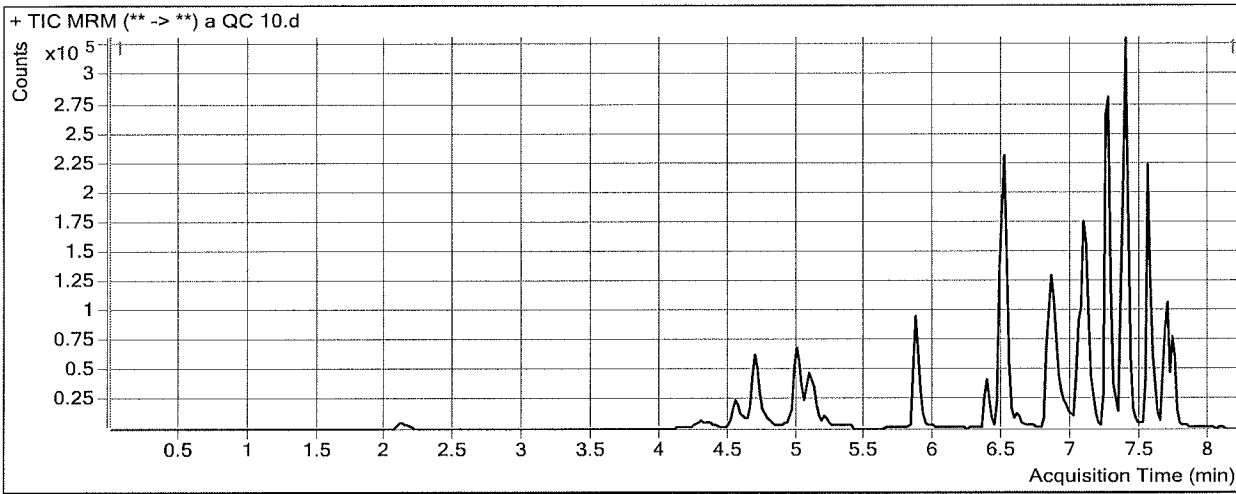
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 19:36 **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	1.428	1650	1036	1.5926	13.9878
Hydromorphone	Hydromorphone-D6	2.149	5945	20696	0.2872	9.5939
Codeine	Codeine-D6	4.353	2938	11587	0.2536	9.6258
Oxycodone	Oxycodone-D6	4.730	20031	87374	0.2293	11.3102
Amphetamine	Amphetamine-D11	4.704	105474	89587	1.1773	9.3398
Hydrocodone	Hydrocodone-D6	5.032	10806	64597	0.1673	9.5306
Norhydrocodone	Norhydrocodone-D3	5.056	758	24226	0.0313	8.9772
Methamphetamine	Methamphetamine-D11	5.102	110076	184247	0.5974	11.7662
6-MAM	6-MAM-D6	5.229	491	15361	0.0320	11.4080
Phentermine	Phentermine-D5	5.906	19882	299740	0.0663	9.6735
Dextrophan	Dextrophan-D3	6.385	11407	91092	0.1252	9.7355
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	18548	72946	0.2543	10.8506
Tramadol	Tramadol-13C-D3	6.523	118434	515841	0.2296	10.8331
Metoprolol	Oxycodone-D6	6.602	12671	87374	0.1450	9.7077
Doxylamine	Doxylamine-D5	6.865	90554	480197	0.1886	10.2148
Bupropion	Bupropion-D9	7.072	45590	194775	0.2341	10.0371
Zolpidem	Zolpidem-D6	7.102	65324	354553	0.1842	9.9547
Meprobamate	Meprobamate-D7	7.154	17203	87363	0.1969	10.9016
Trazodone	Trazodone-D6	7.276	48590	210130	0.2312	10.8459
Venlafaxine	Venlafaxine-D6	7.267	107967	479768	0.2250	10.2746
Citalopram	Citalopram-D6	7.358	60351	288542	0.2092	10.1410
Dextromethorphan	Dextromethorphan-D3	7.389	11019	66387	0.1660	8.9410
Diphenhydramine	Diphenhydramine-D3	7.392	104636	470288	0.2225	10.4395

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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
Promethazine	Promethazine-D3	7.548	74276	401130	0.1852	10.4420
Clonazepam	Clonazepam-D4	7.604	20888	30927	0.6754	10.5488
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	3913	19759	0.1980	8.3940
Carisoprodol	Carisoprodol-D7	7.695	30255	195333	0.1549	9.5053
Lorazepam	Clonazepam-D4	7.704	10685	30927	0.3455	5.8973
Alprazolam	Alprazolam-D5	7.749	27689	110263	0.2511	10.4023

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ISP FORENSICS - Cd'A Instrument # 62340

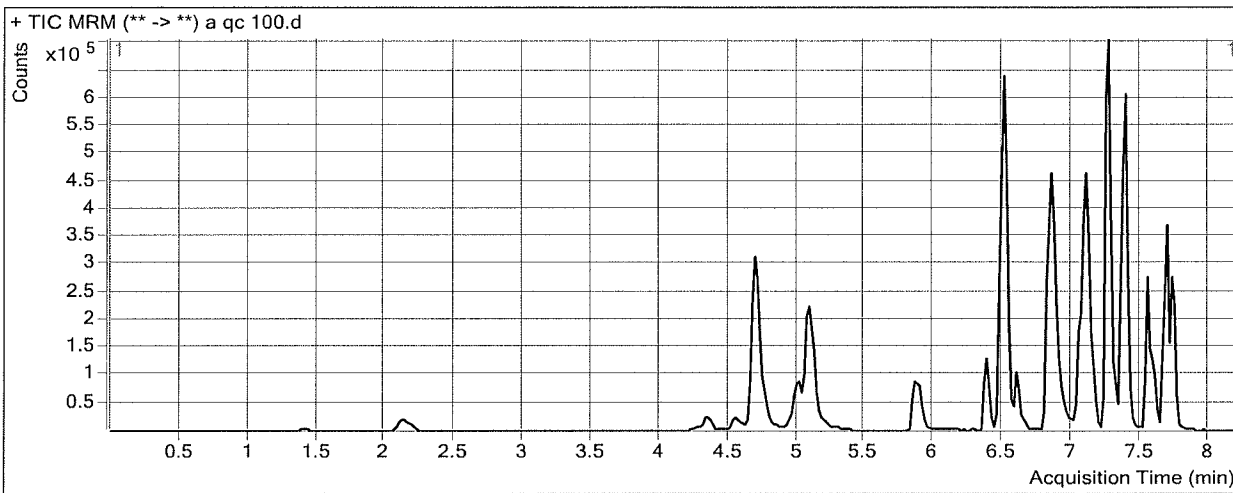
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 23:37 **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	1.408	13265	1118	11.8601	108.8594
Hydromorphone	Hydromorphone-D6	2.149	62302	21076	2.9561	94.9727
Codeine	Codeine-D6	4.353	32172	11256	2.8581	101.0670
Oxycodone	Oxycodone-D6	4.730	182582	81427	2.2423	103.8321
Amphetamine	Amphetamine-D11	4.704	781894	76194	10.2619	118.8830
Hydrocodone	Hydrocodone-D6	5.012	116369	62343	1.8666	104.7530
Norhydrocodone	Norhydrocodone-D3	5.056	8264	22277	0.3710	99.3953
Methamphetamine	Methamphetamine-D11	5.102	558864	172989	3.2306	90.8711
6-MAM	6-MAM-D6	5.209	4123	15495	0.2661	90.2903
Phentermine	Phentermine-D5	5.906	183053	279650	0.6546	103.9692
Dextropran	Dextropran-D3	6.385	119743	83895	1.4273	100.3458
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	184827	72424	2.5520	106.8170
Tramadol	Tramadol-13C-D3	6.502	1110450	504626	2.2005	107.3093
Metoprolol	Oxycodone-D6	6.602	130395	81427	1.6014	109.5918
Doxylamine	Doxylamine-D5	6.843	848297	461303	1.8389	89.2429
Bupropion	Bupropion-D9	7.072	290157	121936	2.3796	101.0914
Zolpidem	Zolpidem-D6	7.102	654149	346651	1.8871	101.4243
Meprobamate	Meprobamate-D7	7.134	147853	74629	1.9812	107.4902
Trazodone	Trazodone-D6	7.256	347007	147800	2.3478	111.8384
Venlafaxine	Venlafaxine-D6	7.246	935444	412577	2.2673	101.7569
Citalopram	Citalopram-D6	7.338	410811	184935	2.2214	103.2225
Dextromethorphan	Dextromethorphan-D3	7.389	79393	34724	2.2864	103.0957
Diphenhydramine	Diphenhydramine-D3	7.392	701394	329695	2.1274	94.5131

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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
Promethazine	Promethazine-D3	7.548	376663	188284	2.0005	108.7566
Clonazepam	Clonazepam-D4	7.604	165685	22449	7.3804	102.1015
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	37282	15862	2.3505	100.7809
Carisoprodol	Carisoprodol-D7	7.695	247519	165063	1.4995	95.6245
Lorazepam	Clonazepam-D4	7.704	60492	22449	2.6946	95.9598
Alprazolam	Alprazolam-D5	7.749	264274	99890	2.6457	98.3797

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ISP FORENSICS - Cd'A Instrument # 62340

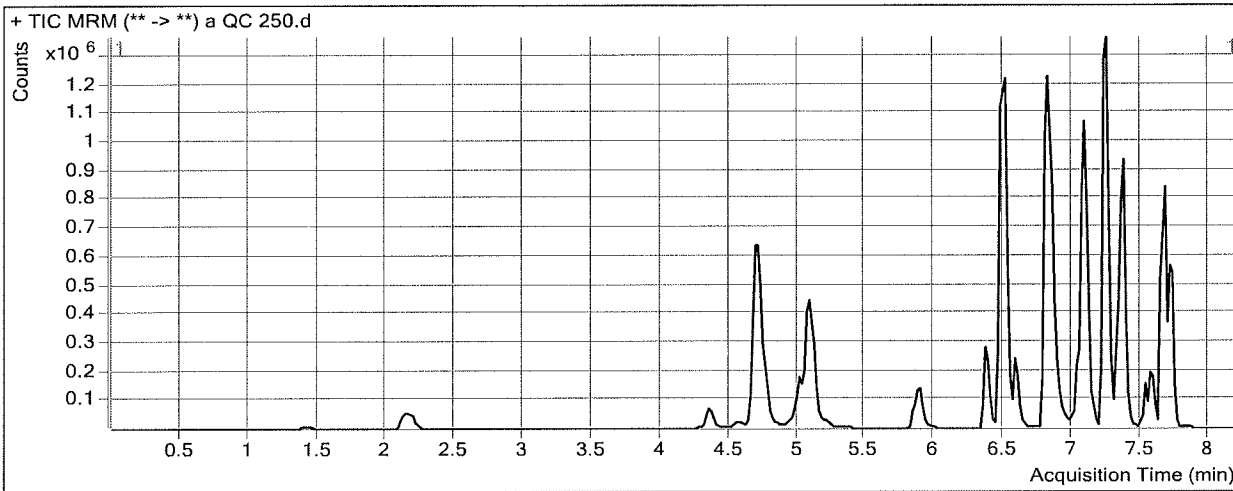
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-21 09:03 **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	1.408	39586	1542	25.6638	236.4050
Hydromorphone	Hydromorphone-D6	2.149	188848	23567	8.0133	256.7554
Codeine	Codeine-D6	4.353	94306	13148	7.1724	252.5368
Oxycodone	Oxycodone-D6	4.730	534595	93146	5.7393	264.5614
Amphetamine	Amphetamine-D11	4.704	1605619	77579	20.6967	244.7077
Hydrocodone	Hydrocodone-D6	5.012	349554	72849	4.7983	269.0374
Norhydrocodone	Norhydrocodone-D3	5.056	30282	25822	1.1727	312.8122
Methamphetamine	Methamphetamine-D11	5.102	1116994	143636	7.7766	227.4371
6-MAM	6-MAM-D6	5.209	12683	18122	0.6999	236.4871
Phentermine	Phentermine-D5	5.906	412931	247764	1.6666	266.2002
Dextrophan	Dextrophan-D3	6.365	308115	83297	3.6990	258.4314
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	485779	77828	6.2417	260.9216
Tramadol	Tramadol-13C-D3	6.502	2727808	533047	5.1174	250.0864
Metoprolol	Oxycodone-D6	6.580	340700	93146	3.6577	250.6230
Doxylamine	Doxylamine-D5	6.823	2650056	430024	6.1626	296.2860
Bupropion	Bupropion-D9	7.031	386082	65425	5.9011	250.5437
Zolpidem	Zolpidem-D6	7.082	1910576	393600	4.8541	260.8051
Meprobamate	Meprobamate-D7	7.113	409383	80547	5.0825	275.3786
Trazodone	Trazodone-D6	7.236	854787	139198	6.1408	292.8187
Venlafaxine	Venlafaxine-D6	7.226	2244545	411136	5.4594	244.7426
Citalopram	Citalopram-D6	7.318	734576	132899	5.5273	256.1495
Dextromethorphan	Dextromethorphan-D3	7.349	122976	21524	5.7134	255.2642
Diphenhydramine	Diphenhydramine-D3	7.372	1353400	249160	5.4319	240.3563

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

a QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.527	257022	49620	5.1799	280.9425
Clonazepam	Clonazepam-D4	7.583	378757	19483	19.4404	266.7717
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.641	97808	15871	6.1625	264.4007
Carisoprodol	Carisoprodol-D7	7.675	701754	183640	3.8214	244.3259 NE A
Lorazepam	Clonazepam-D4	7.683	112754	19483	5.7873	214.5304
Alprazolam	Alprazolam-D5	7.729	666559	101232	6.5845	243.0941



ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

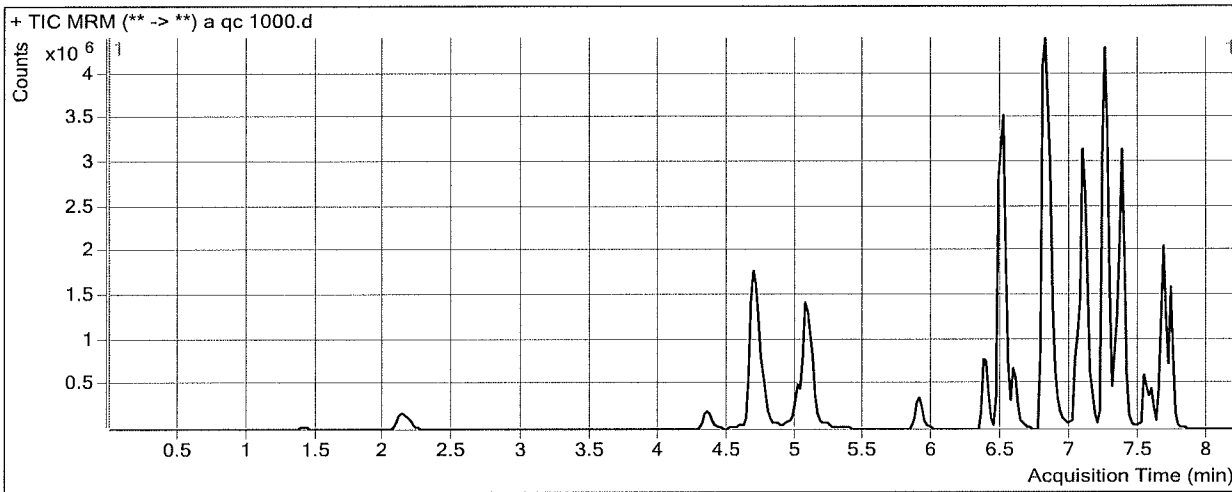
A QC 1000

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-21 09:28 **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	1.408	132243	1335	99.0893	914.8532
Hydromorphone	Hydromorphone-D6	2.149	646027	20211	31.9639	1022.9484
Codeine	Codeine-D6	4.353	300758	10376	28.9849	1018.3444
Oxycodone	Oxycodone-D6	4.730	1815168	83327	21.7837	1001.9876
Amphetamine	Amphetamine-D11	4.704	4869312	77858	62.5410	749.2745 <i>A</i>
Hydrocodone	Hydrocodone-D6	5.012	1172740	66874	17.5366	982.8435
Norhydrocodone	Norhydrocodone-D3	5.056	113842	19538	5.8268	1551.6183 <i>NE A</i>
Methamphetamine	Methamphetamine-D11	5.082	3597766	125381	28.6946	855.8398
6-MAM	6-MAM-D6	5.209	47976	16713	2.8706	968.0336
Phentermine	Phentermine-D5	5.906	1218131	214418	5.6811	909.7175
Dextroprphan	Dextroprphan-D3	6.365	1020184	68804	14.8273	1032.8478
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	1193740	60044	19.8812	830.5847
Tramadol	Tramadol-13C-D3	6.502	9012326	541076	16.6563	814.9064
Metoprolol	Oxycodone-D6	6.580	1016803	83327	12.2026	836.6729
Doxylamine	Doxylamine-D5	6.823	10177572	477894	21.2967	1020.9981
Bupropion	Bupropion-D9	7.051	1838256	84772	21.6846	920.3830
Zolpidem	Zolpidem-D6	7.082	6268038	339533	18.4608	991.7110
Meprobamate	Meprobamate-D7	7.134	1110739	54911	20.2279	1095.2548
Trazodone	Trazodone-D6	7.256	3431039	152461	22.5044	1073.6053
Venlafaxine	Venlafaxine-D6	7.226	7926180	355922	22.2695	997.7380
Citalopram	Citalopram-D6	7.318	2552653	117787	21.6717	1002.9588
Dextromethorphan	Dextromethorphan-D3	7.369	499470	22221	22.4772	999.6287
Diphenhydramine	Diphenhydramine-D3	7.372	5064666	238813	21.2077	936.6261

A outside currcange



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
Promethazine	Promethazine-D3	7.527	1185913	60864	19.4845	1055.6485
Clonazepam	Clonazepam-D4	7.583	840051	12519	67.1008	917.5418
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	261938	11595	22.5897	969.4802
Carisoprodol	Carisoprodol-D7	7.675	1903207	102339	18.5970	1190.6416
Lorazepam	Clonazepam-D4	7.683	116466	12519	9.3030	349.3159
Alprazolam	Alprazolam-D5	7.729	1767372	68672	25.7366	946.7578

NE
★ ★

★ outside curve range

★

ISP Forensics Calibration Curve Report

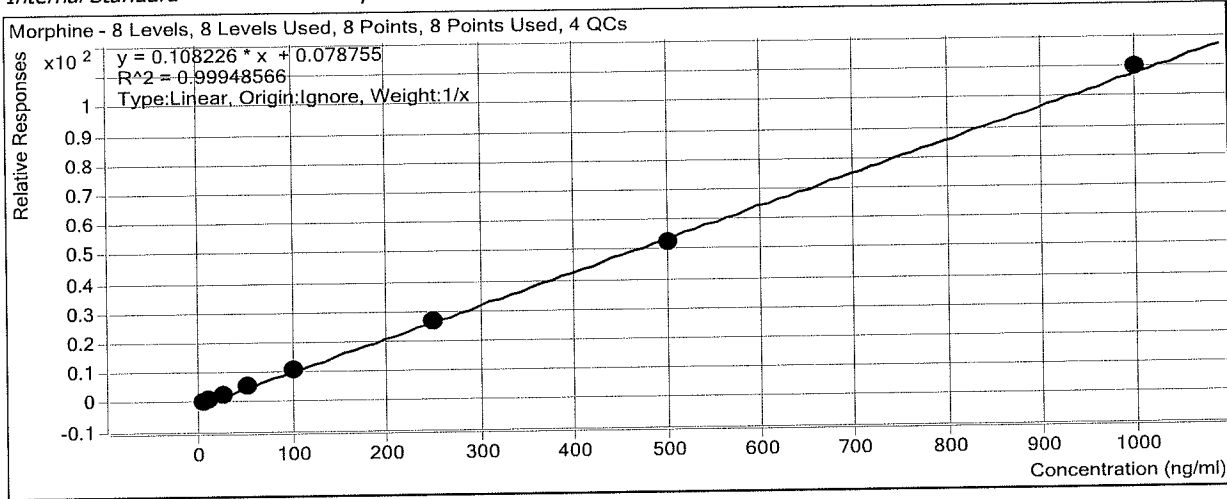
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	108.1
a QC 10	2	<input checked="" type="checkbox"/>	10	14.0	139.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a qc 100	5	<input checked="" type="checkbox"/>	100	108.9	108.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.8	99.9
a QC 250	6	<input checked="" type="checkbox"/>	250	236.4	94.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.6	97.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.8	101.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	914.9	91.5

ISP Forensics Calibration Curve Report

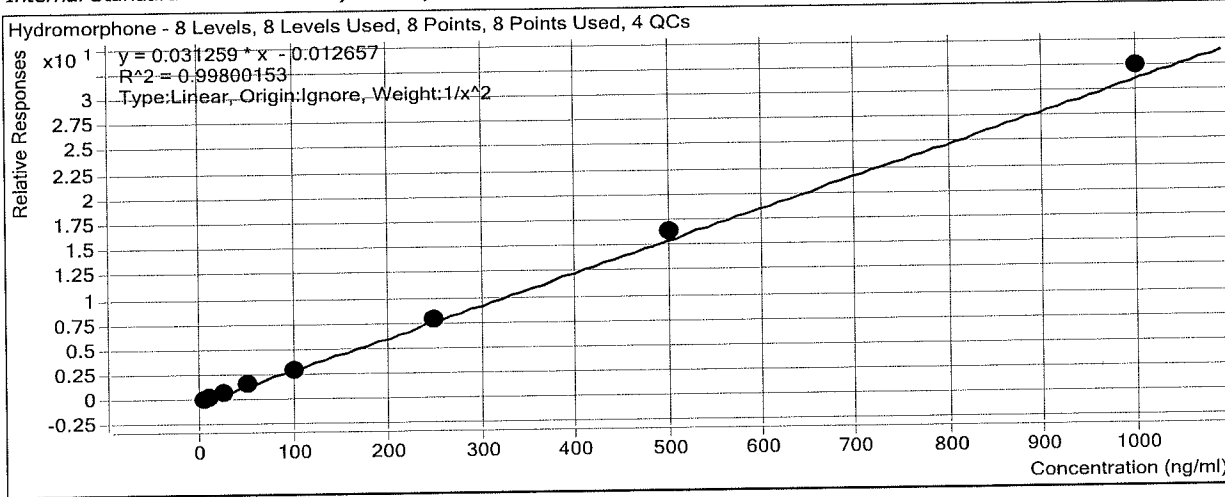
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	98.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
a qc 100	5	<input checked="" type="checkbox"/>	100	95.0	95.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.0	102.4
a QC 250	6	<input checked="" type="checkbox"/>	250	256.8	102.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.2	104.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1036.2	103.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.9	102.3

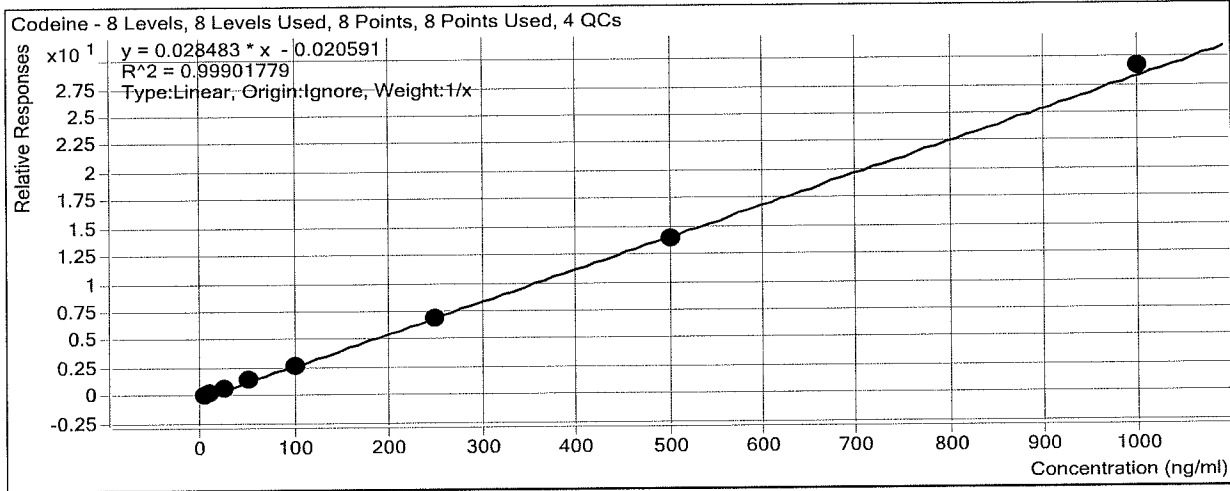
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.5	95.5
a qc 100	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.9	96.0
a QC 250	6	<input checked="" type="checkbox"/>	250	252.5	101.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.0	97.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.2	102.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1018.3	101.8

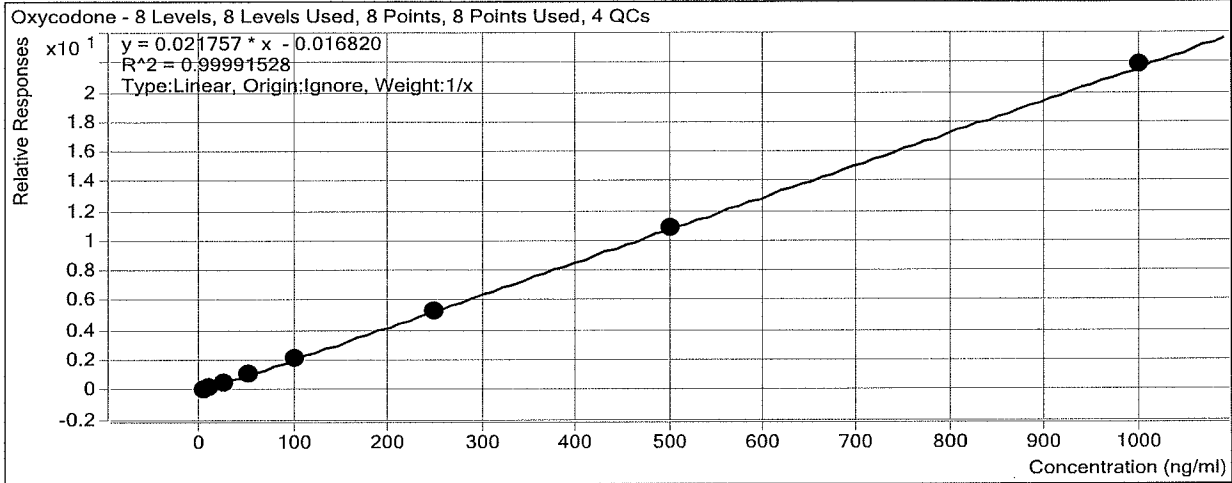
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	113.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a qc 100	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.8	98.3
a QC 250	6	<input checked="" type="checkbox"/>	250	264.6	105.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.4	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.2	100.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1002.0	100.2

ISP Forensics Calibration Curve Report

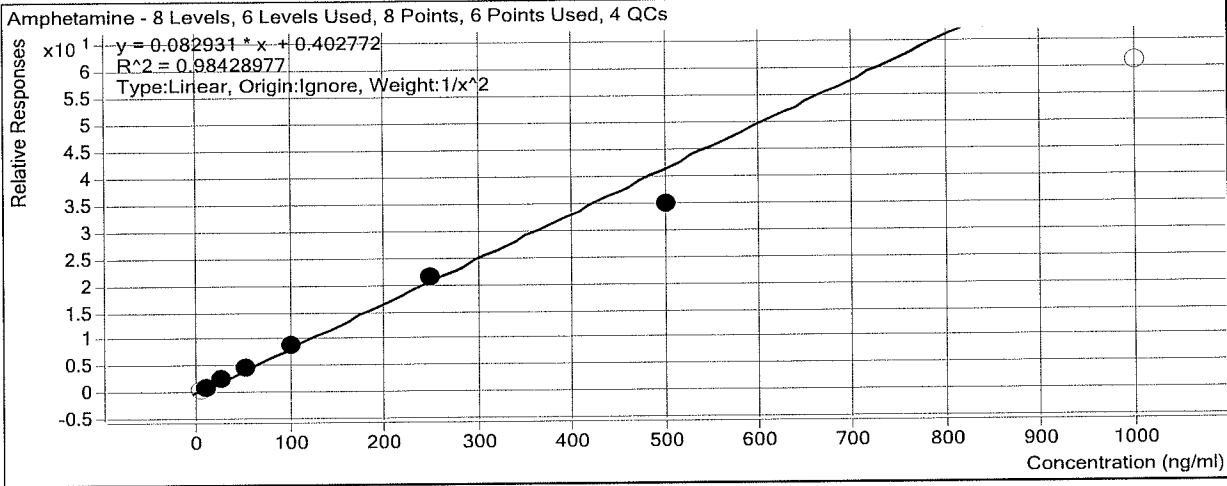
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

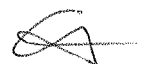
Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	4.1	81.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.5	114.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.7	103.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a qc 100	5	<input checked="" type="checkbox"/>	100	118.9	118.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.0	101.6
a QC 250	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	416.6	83.3
a cal 8-1000ng	8	<input type="checkbox"/>	1000	732.8	73.3
a qc 1000	8	<input type="checkbox"/>	1000	749.3	74.9



ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

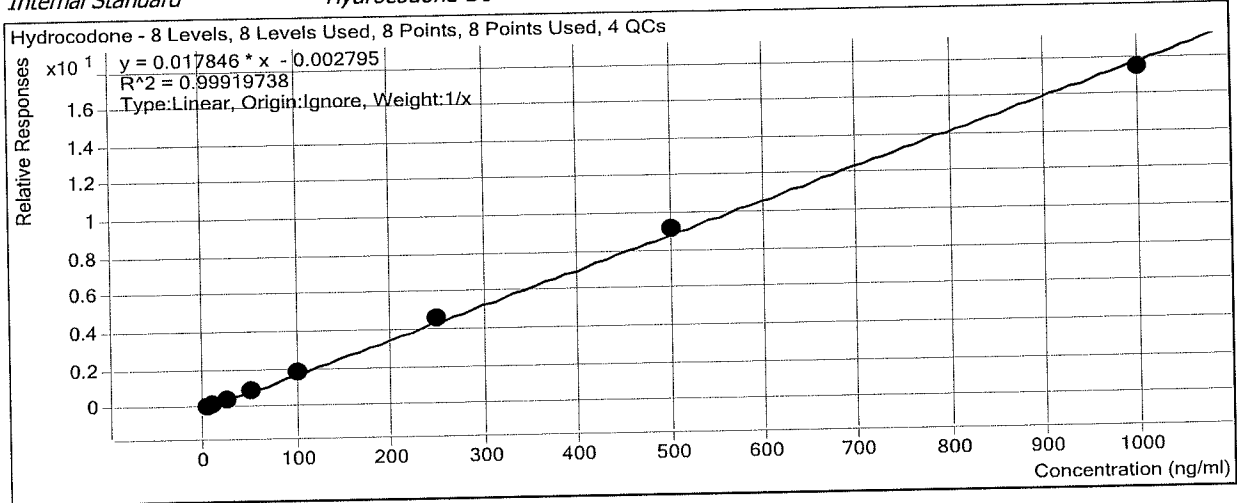
D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

Target Compound
Internal Standard

Hydrocodone
Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a qc 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.1	103.6
a QC 250	6	<input checked="" type="checkbox"/>	250	269.0	107.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.7	102.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.1	97.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	982.8	98.3

ISP Forensics Calibration Curve Report

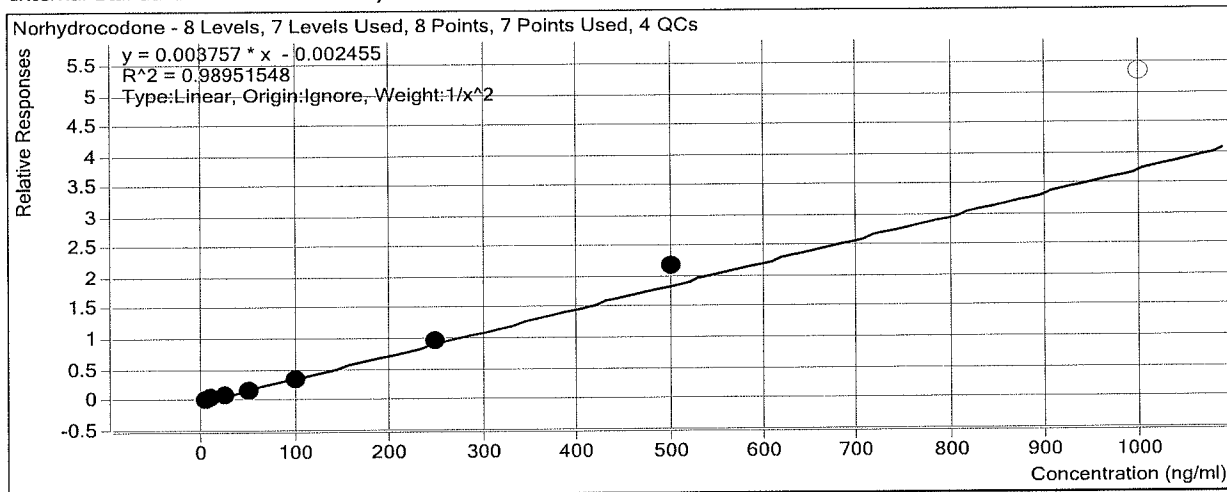
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	89.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.4	94.4
a qc 100	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.5	104.6
a QC 250	6	<input checked="" type="checkbox"/>	250	312.8	125.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	579.3	115.9
a cal 8-1000ng	8	<input type="checkbox"/>	1000	1423.4	142.3
a qc 1000	8	<input type="checkbox"/>	1000	1551.6	155.2

Not evaluated

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

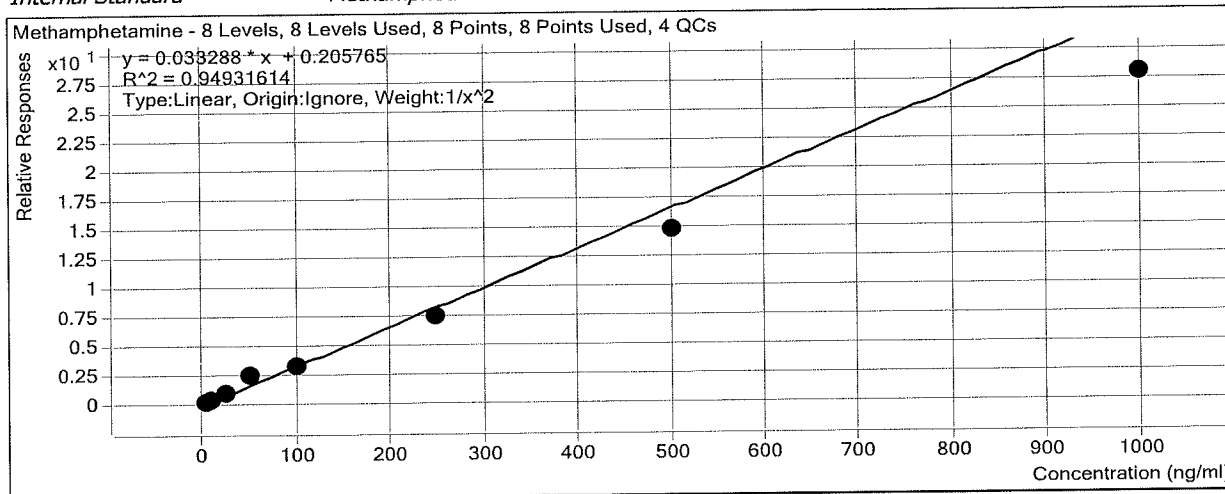
ISP TOX

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	4.9	97.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.9
a QC 10	2	<input checked="" type="checkbox"/>	10	11.8	117.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.1	112.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	72.3	144.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
a qc 100	5	<input checked="" type="checkbox"/>	100	90.9	90.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	219.7	87.9
a QC 250	6	<input checked="" type="checkbox"/>	250	227.4	91.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	439.3	87.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	837.7	83.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	855.8	85.6

Not evaluated in this run
contamination.

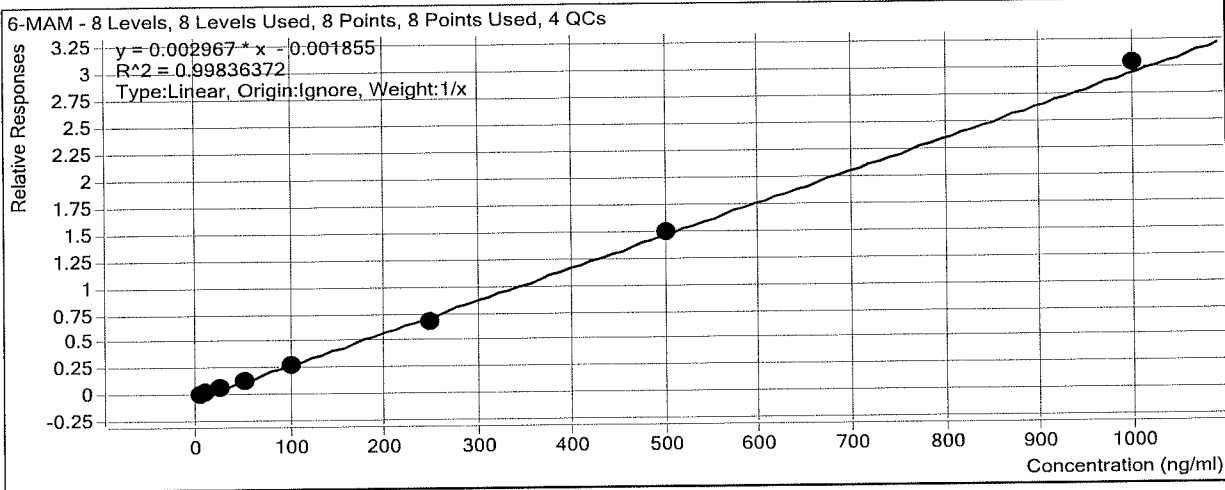
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.4	114.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.6	93.6
a qc 100	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.3	92.5
a QC 250	6	<input checked="" type="checkbox"/>	250	236.5	94.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.1	100.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.2	102.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	968.0	96.8

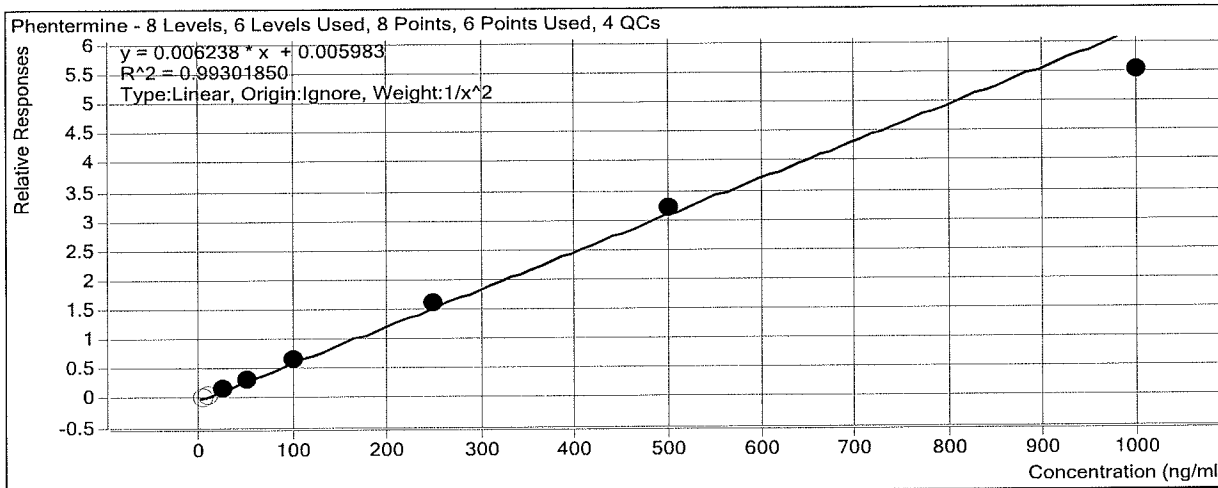
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	4.1	81.9
a cal 2-10ng	2	<input type="checkbox"/>	10	9.2	92.0
a QC 10	2	<input type="checkbox"/>	10	9.7	96.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	106.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.2	105.2
a qc 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.2	102.1
a QC 250	6	<input checked="" type="checkbox"/>	250	266.2	106.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.7	102.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	885.1	88.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	909.7	91.0



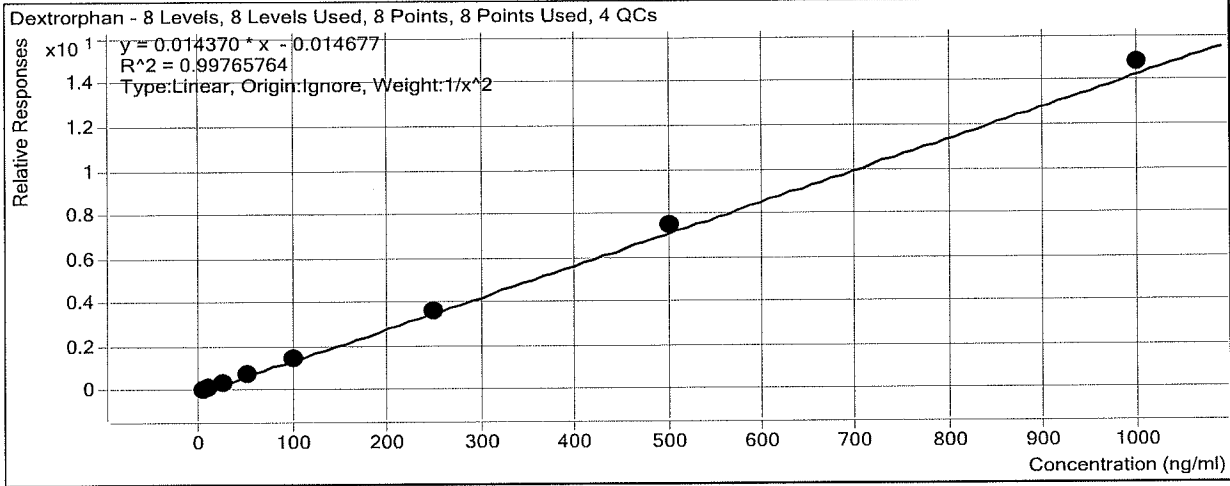
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.1	100.1
a qc 100	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250	6	<input checked="" type="checkbox"/>	250	258.4	103.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.3	104.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1032.7	103.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1032.8	103.3

ISP Forensics Calibration Curve Report

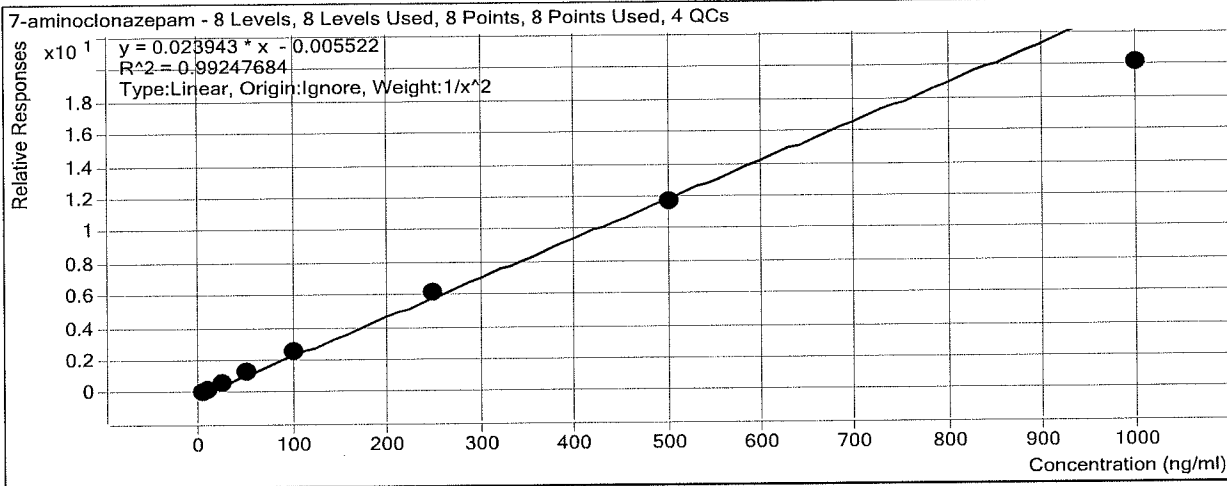
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.0	108.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.6	106.6
a qc 100	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.0	103.6
a QC 250	6	<input checked="" type="checkbox"/>	250	260.9	104.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.4	97.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	841.5	84.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	830.6	83.1

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

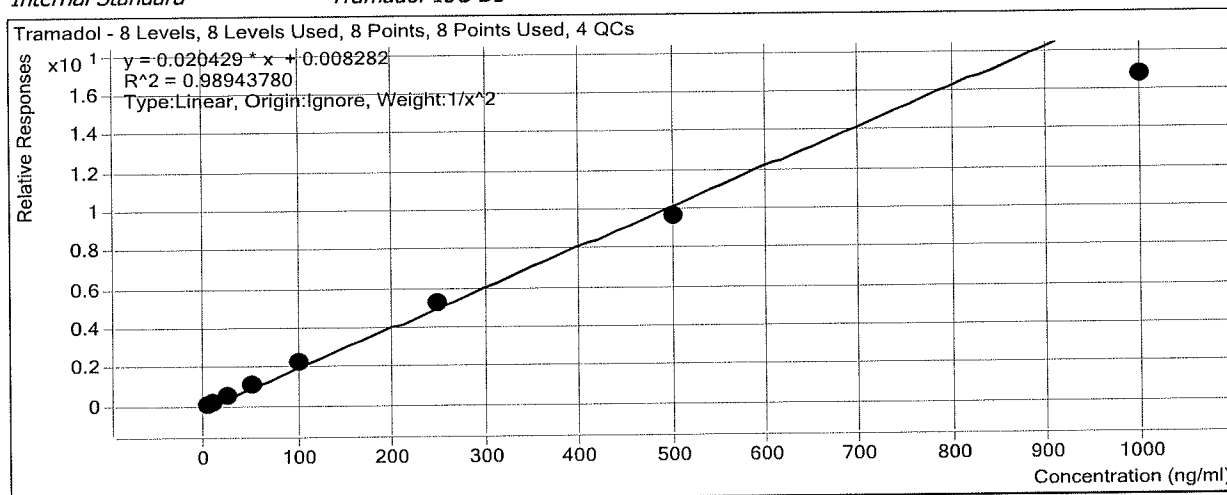
ISP TOX

Target Compound

Tramadol

Internal Standard

Tramadol-13C-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.3	110.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.8	107.8
a qc 100	5	<input checked="" type="checkbox"/>	100	107.3	107.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.0	102.4
a QC 250	6	<input checked="" type="checkbox"/>	250	250.1	100.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.7	94.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	819.5	81.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	814.9	81.5

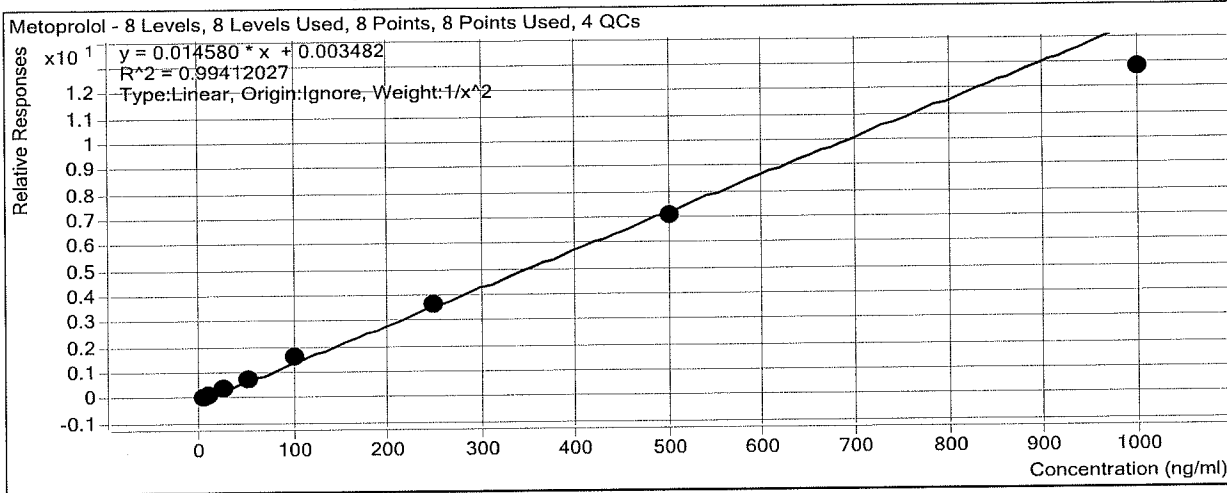
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

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

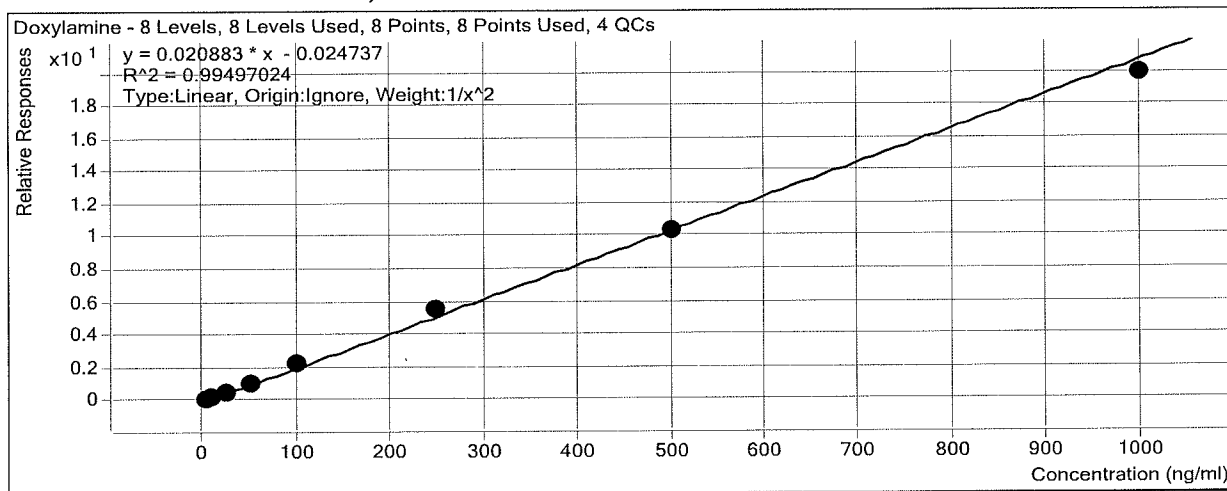


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.7	107.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.4	108.4
a qc 100	5	<input checked="" type="checkbox"/>	100	109.6	109.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.5	100.6
a QC 250	6	<input checked="" type="checkbox"/>	250	250.6	100.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.6	96.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	876.8	87.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	836.7	83.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Last Calib Update 12/27/2018 9:06 AM **Analyst Name** ISP TOX

Target Compound Doxylamine
Internal Standard Doxylamine-D5

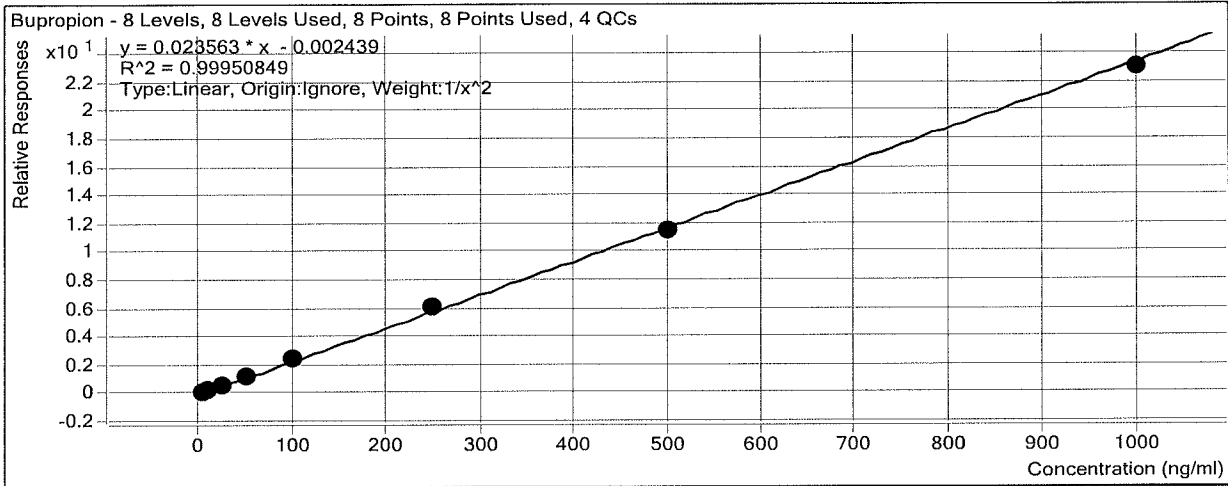


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a qc 100	5	<input checked="" type="checkbox"/>	100	89.2	89.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.6	105.8
a QC 250	6	<input checked="" type="checkbox"/>	250	296.3	118.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.0	99.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	954.5	95.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.0	102.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Last Calib Update 12/27/2018 9:06 AM **Analyst Name** ISP TOX

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

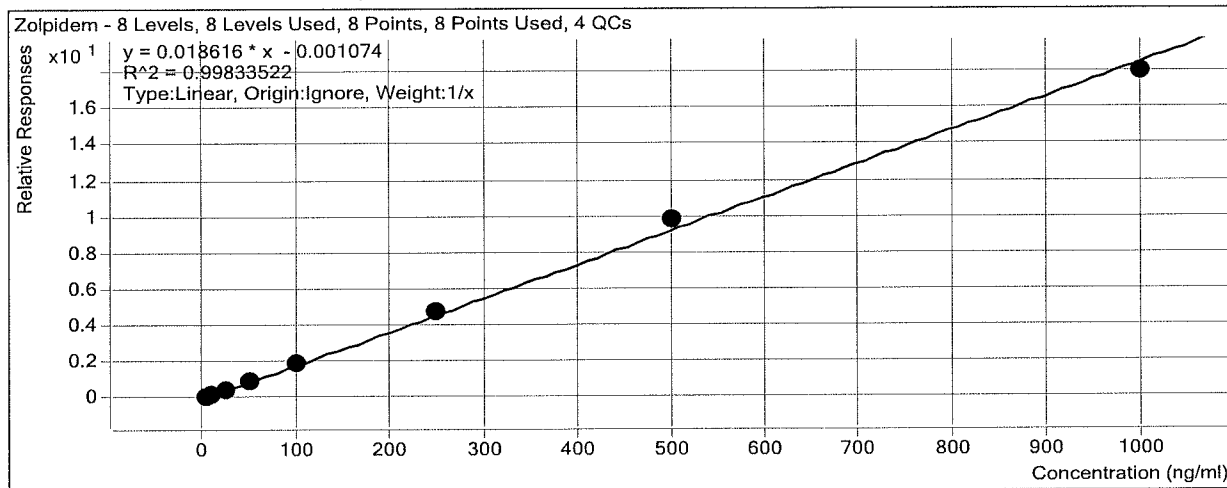


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	101.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a qc 100	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.1	102.0
a QC 250	6	<input checked="" type="checkbox"/>	250	250.5	100.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.1	97.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.6	97.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	920.4	92.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Last Calib Update 12/27/2018 9:06 AM **Analyst Name** ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a qc 100	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	526.7	105.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	965.3	96.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	991.7	99.2

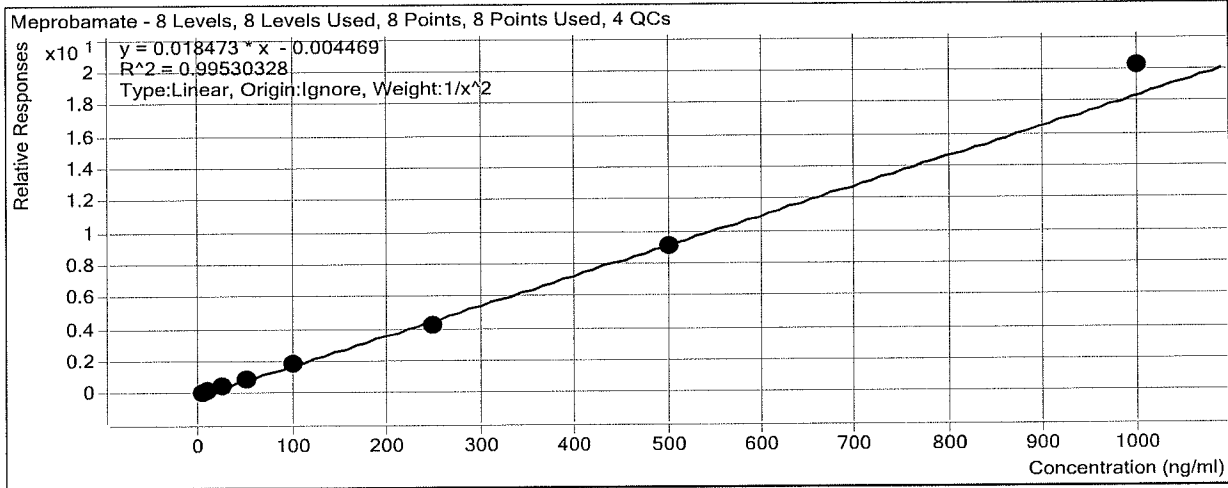
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

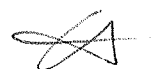
D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	109.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a qc 100	5	<input checked="" type="checkbox"/>	100	107.5	107.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	230.2	92.1
a QC 250	6	<input checked="" type="checkbox"/>	250	275.4	110.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.2	98.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1094.0	109.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1095.3	109.5



ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

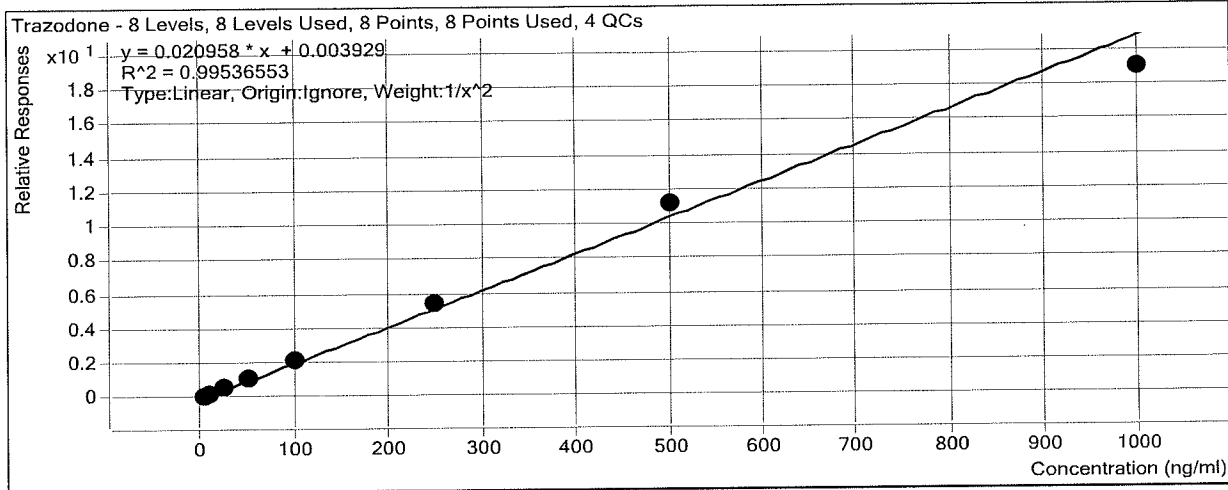
ISP TOX

Target Compound

Trazodone

Internal Standard

Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 100	5	<input checked="" type="checkbox"/>	100	111.8	111.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.2	102.9
a QC 250	6	<input checked="" type="checkbox"/>	250	292.8	117.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	534.3	106.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	905.9	90.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1073.6	107.4

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

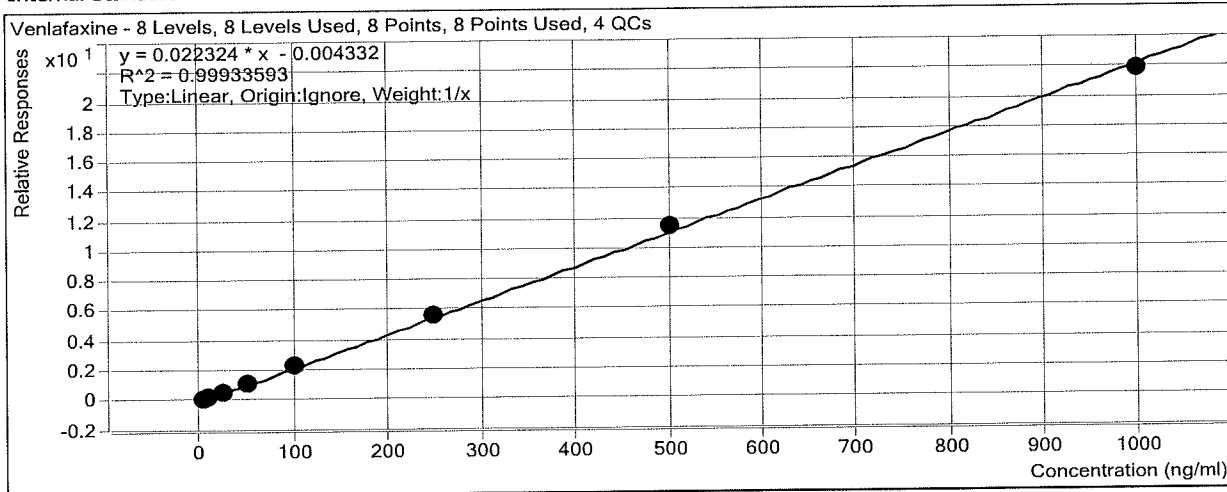
D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

Target Compound
Internal Standard

Venlafaxine
Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a qc 100	5	<input checked="" type="checkbox"/>	100	101.8	101.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.7	101.5
a QC 250	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.7	103.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.0	97.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	997.7	99.8

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

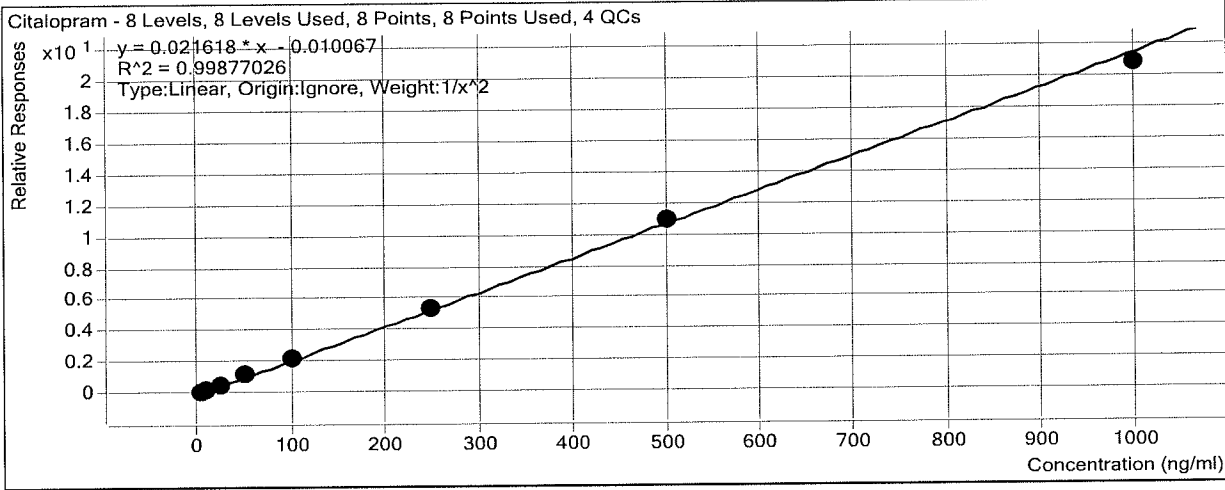
ISP TOX

Target Compound

Citalopram

Internal Standard

Citalopram-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a qc 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.2	99.3
a QC 250	6	<input checked="" type="checkbox"/>	250	256.1	102.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.4	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.9	96.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1003.0	100.3

ISP Forensics Calibration Curve Report

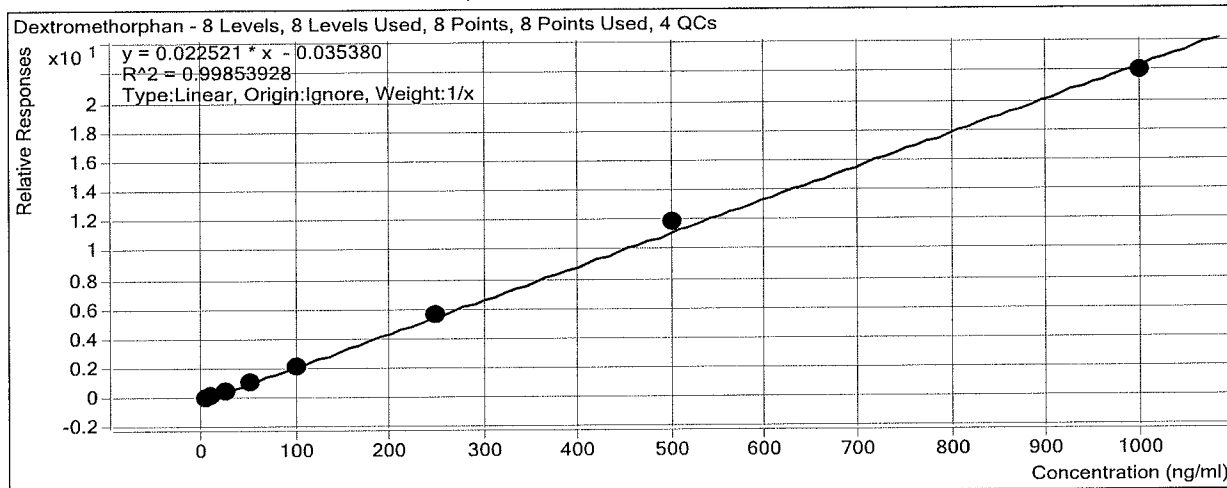
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.6
a QC 10	2	<input checked="" type="checkbox"/>	10	8.9	89.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.5	85.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.8	97.8
a qc 100	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.7	99.9
a QC 250	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.4	105.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.1	97.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	999.6	100.0



ISP Forensics Calibration Curve Report

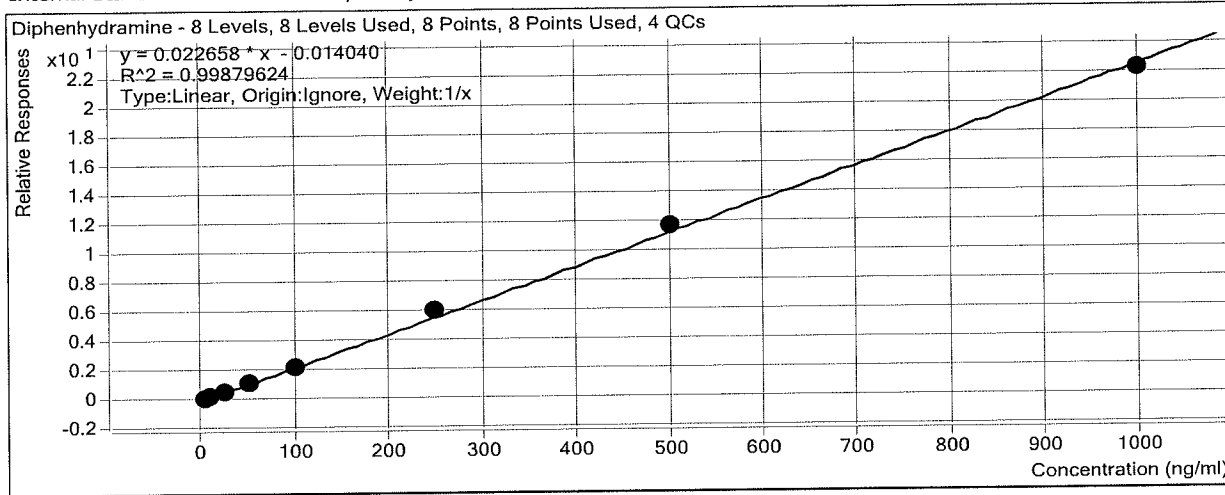
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.7	93.7
a qc 100	5	<input checked="" type="checkbox"/>	100	94.5	94.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
a QC 250	6	<input checked="" type="checkbox"/>	250	240.4	96.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.4	102.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.5	97.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	936.6	93.7



ISP Forensics Calibration Curve Report

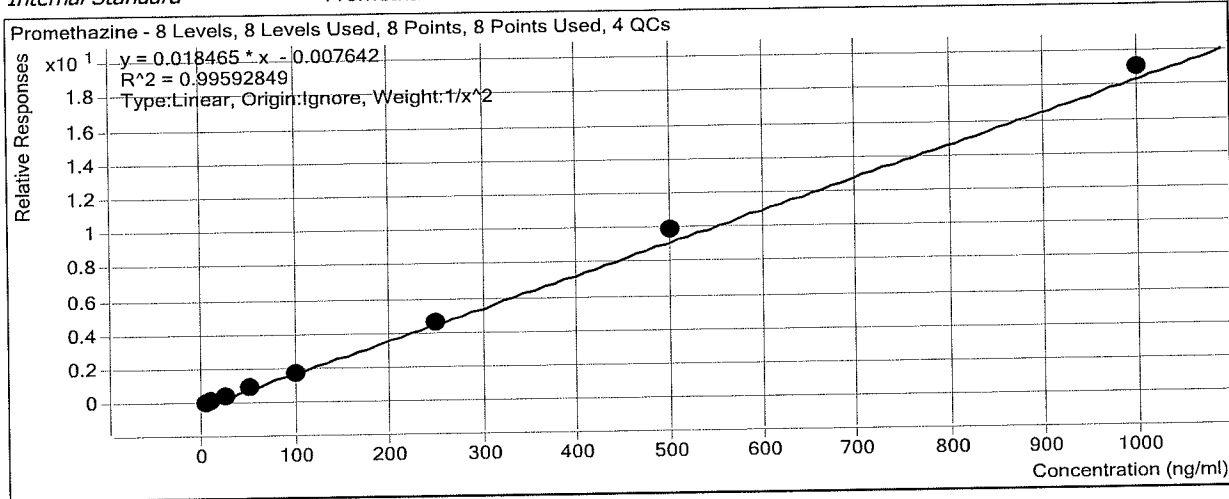
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.3	89.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.1	95.1
a qc 100	5	<input checked="" type="checkbox"/>	100	108.8	108.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a QC 250	6	<input checked="" type="checkbox"/>	250	280.9	112.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.3	107.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1032.0	103.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1055.6	105.6

ISP Forensics Calibration Curve Report

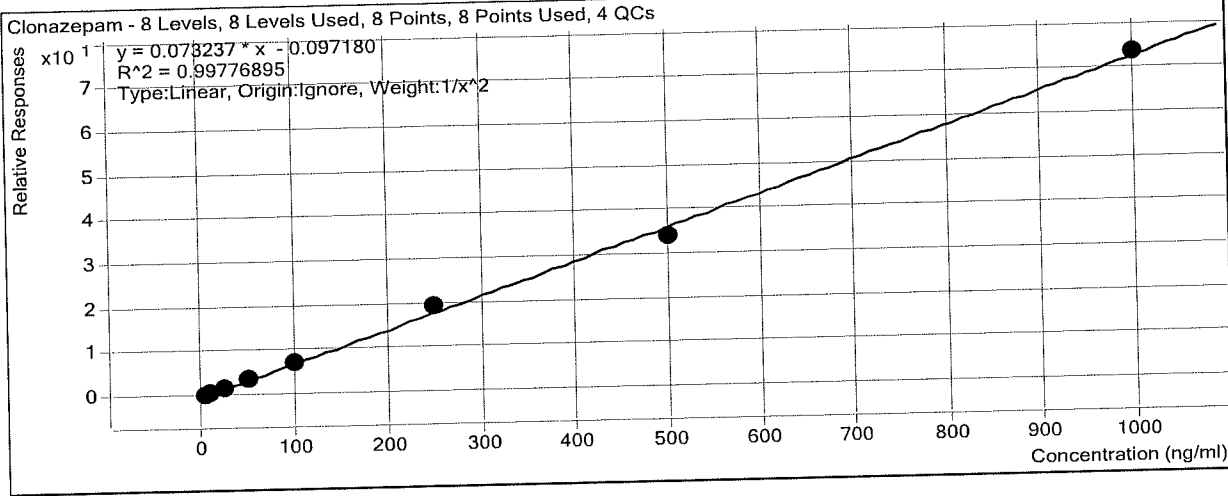
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a qc 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.0	106.8
a QC 250	6	<input checked="" type="checkbox"/>	250	266.8	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	467.8	93.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.2	100.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	917.5	91.8

ISP Forensics Calibration Curve Report

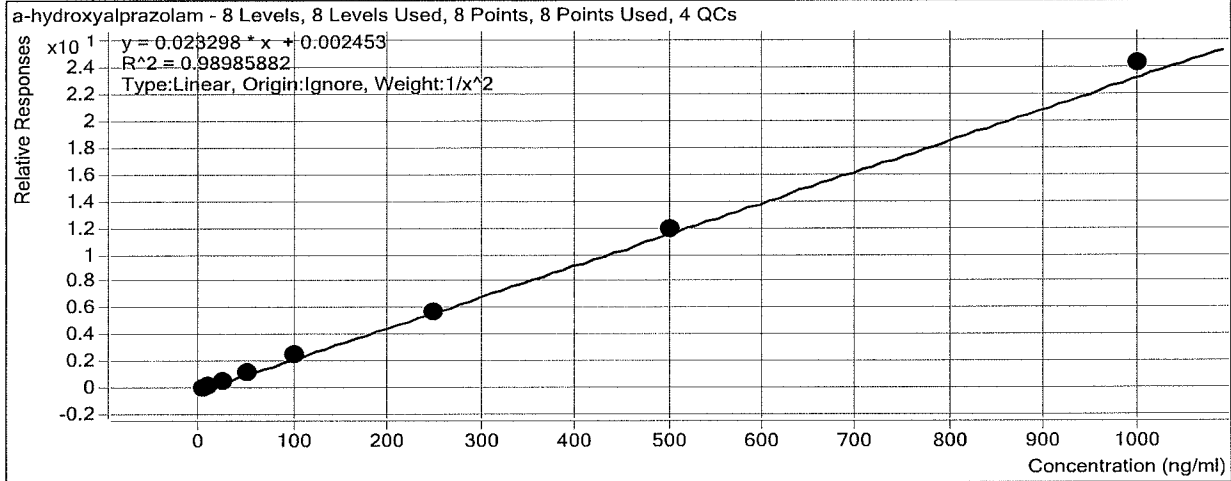
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	84.1
a QC 10	2	<input checked="" type="checkbox"/>	10	8.4	83.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	89.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.7	108.7
a qc 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.0	99.6
a QC 250	6	<input checked="" type="checkbox"/>	250	264.4	105.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.2	102.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1039.6	104.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	969.5	96.9

ISP Forensics Calibration Curve Report

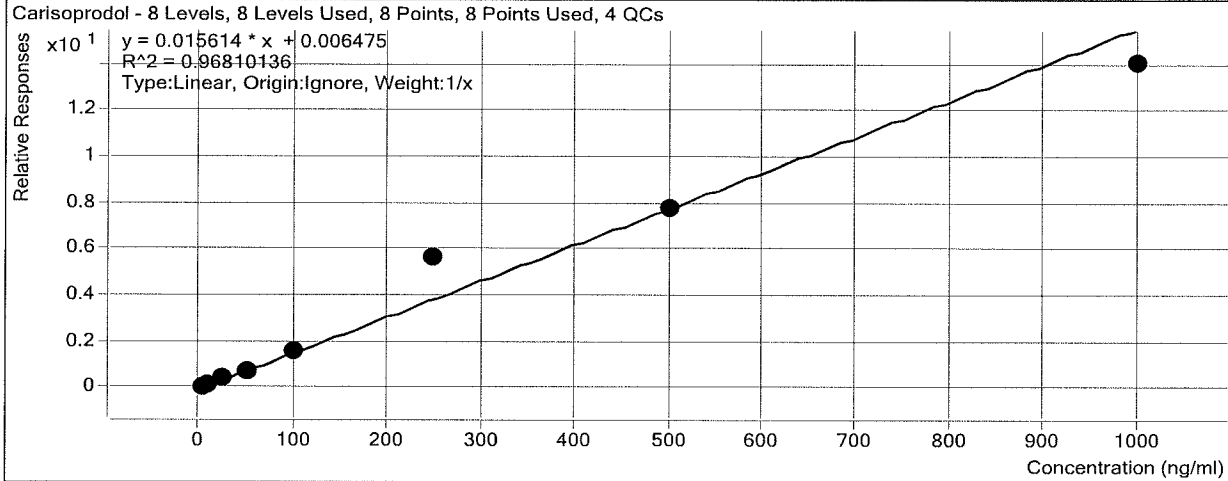
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	86.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	87.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.7	102.7
a qc 100	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	358.8	143.5
a QC 250	6	<input checked="" type="checkbox"/>	250	244.3	97.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.4	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	898.3	89.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1190.6	119.1

Not evaluated

ISP Forensics Calibration Curve Report

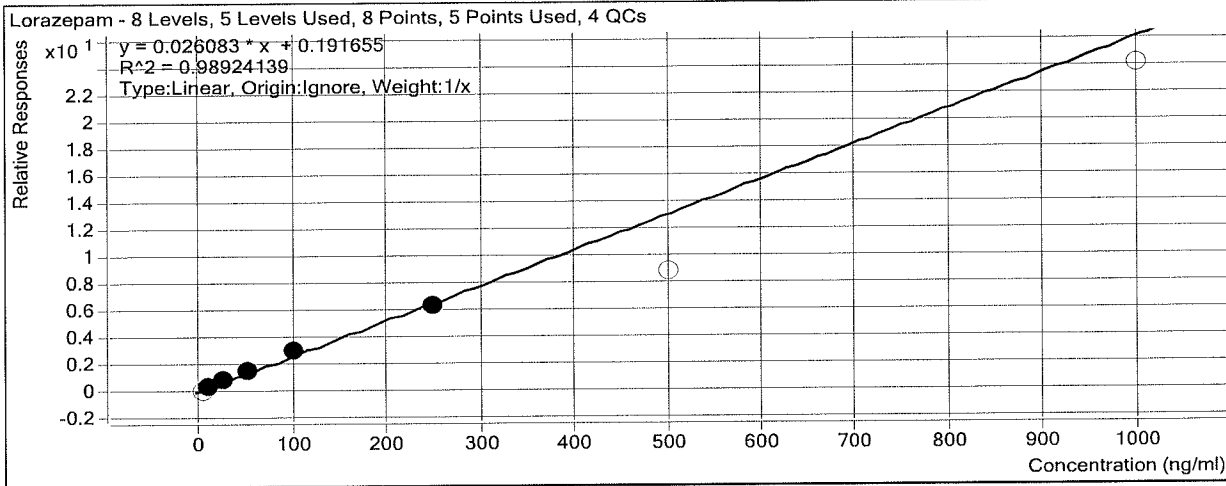
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

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	0.0	0.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	7.2	72.3
a QC 10	2	<input checked="" type="checkbox"/>	10	5.9	59.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	29.6	118.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.1	108.1
a qc 100	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.8	94.7
a QC 250	6	<input checked="" type="checkbox"/>	250	214.5	85.8
a cal 7-500ng	7	<input type="checkbox"/>	500	331.9	66.4
a cal 8-1000ng	8	<input type="checkbox"/>	1000	917.2	91.7
a qc 1000	8	<input type="checkbox"/>	1000	349.3	34.9

ISP Forensics Calibration Curve Report

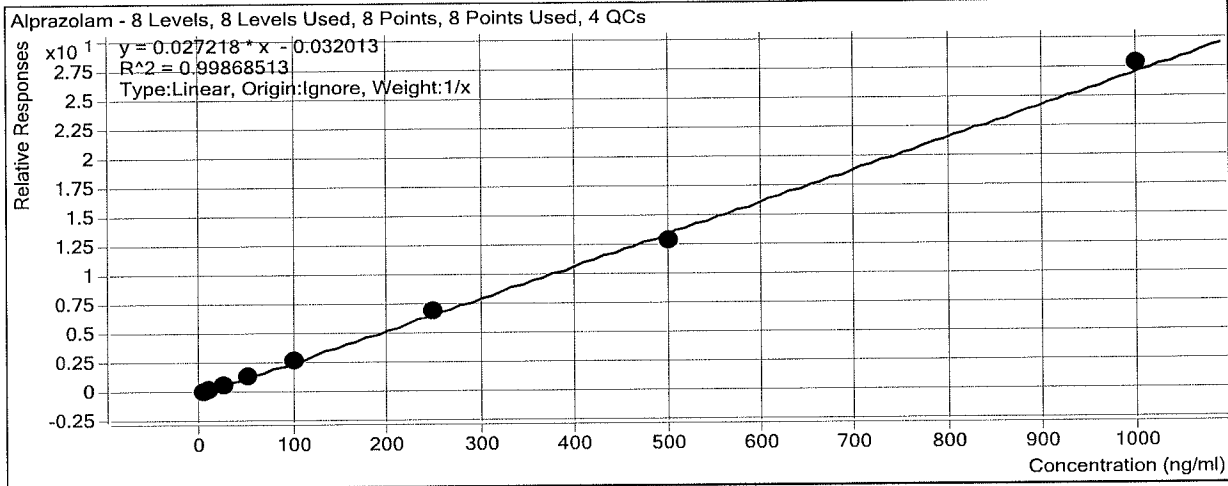
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
12/27/2018 9:06 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a qc 100	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.4	103.0
a QC 250	6	<input checked="" type="checkbox"/>	250	243.1	97.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	471.9	94.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1021.1	102.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	946.8	94.7

ISP FORENSICS - Cd'A Instrument # 62340

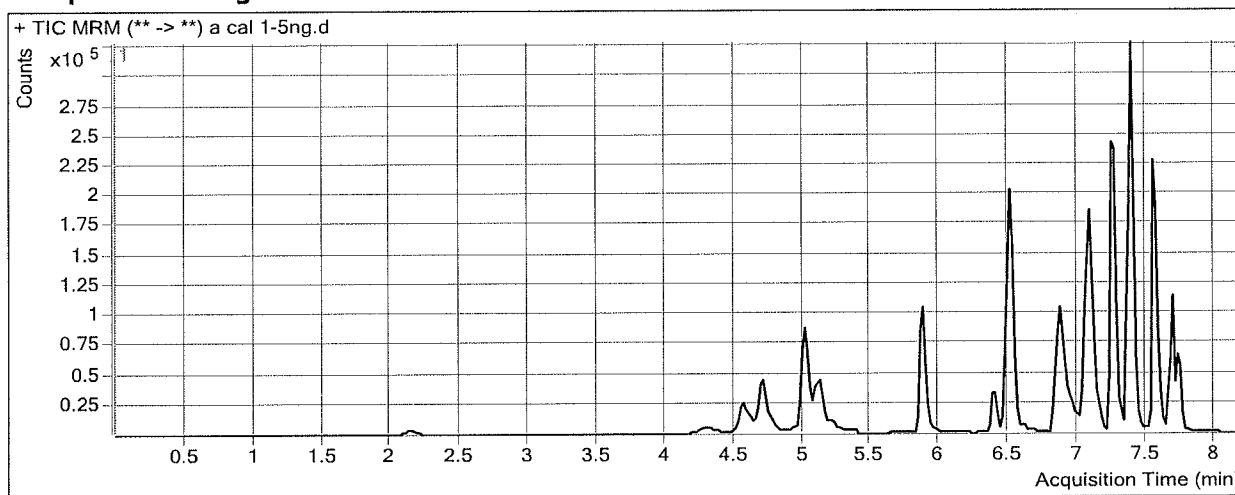
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 15:08 **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 P2-A1 **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	1.408	748	1244	0.6013	4.8279
Hydromorphone	Hydromorphone-D6	2.169	3127	21063	0.1485	5.1543
Codeine	Codeine-D6	4.373	1713	12895	0.1328	5.3862
Oxycodone	Oxycodone-D6	4.750	8578	86370	0.0993	5.3378
Amphetamine	Amphetamine-D11	4.724	75147	101695	0.7389	4.0537
Hydrocodone	Hydrocodone-D6	5.052	5861	65574	0.0894	5.1654
Norhydrocodone	Norhydrocodone-D3	5.077	461	27131	0.0170	5.1770
Methamphetamine	Methamphetamine-D11	5.122	103395	281100	0.3678	4.8684
6-MAM	6-MAM-D6	5.229	231	15176	0.0152	5.7512
Phentermine	Phentermine-D5	5.926	11231	356251	0.0315	4.0944
Dextrophan	Dextrophan-D3	6.403	5728	96233	0.0595	5.1633
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	9011	79125	0.1139	4.9871
Tramadol	Tramadol-13C-D3	6.523	55466	518819	0.1069	4.8277
Metoprolol	Oxycodone-D6	6.622	6442	86370	0.0746	4.8764
Doxylamine	Doxylamine-D5	6.885	41641	492578	0.0845	5.2327
Bupropion	Bupropion-D9	7.072	29397	254358	0.1156	5.0084
Zolpidem	Zolpidem-D6	7.102	33178	375446	0.0884	4.8047
Meprobamate	Meprobamate-D7	7.154	8299	93294	0.0890	5.0572
Trazodone	Trazodone-D6	7.256	26458	234868	0.1127	5.1876
Venlafaxine	Venlafaxine-D6	7.267	48535	466506	0.1040	4.8544
Citalopram	Citalopram-D6	7.358	31045	313652	0.0990	5.0443
Dextromethorphan	Dextromethorphan-D3	7.389	6549	74706	0.0877	5.4635
Diphenhydramine	Diphenhydramine-D3	7.392	57700	563097	0.1025	5.1422

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.548	47259	545408	0.0866	5.1066
Clonazepam	Clonazepam-D4	7.604	8810	32691	0.2695	5.0065
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	2542	19591	0.1298	5.4638
Carisoprodol	Carisoprodol-D7	7.695	15161	205062	0.0739	4.3205
Lorazepam	Clonazepam-D4	7.725	4645	32691	0.1421	0.0000
Alprazolam	Alprazolam-D5	7.749	12794	118460	0.1080	5.1442



ISP FORENSICS - Cd'A Instrument # 62340

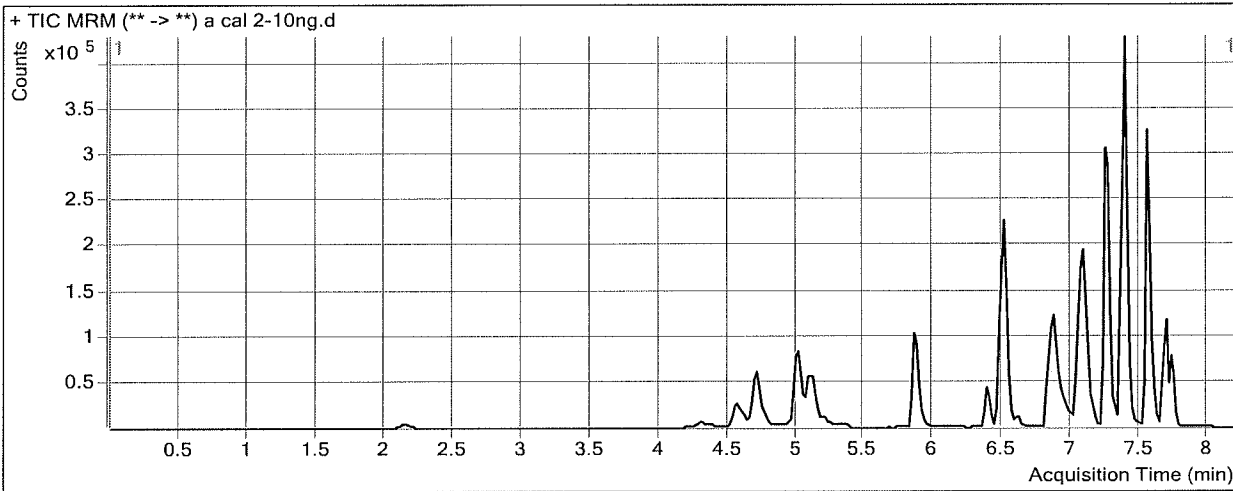
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 15:34 **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	1.408	1521	1218	1.2483	10.8062
Hydromorphone	Hydromorphone-D6	2.169	6022	20897	0.2882	9.6235
Codeine	Codeine-D6	4.373	3092	11355	0.2723	10.2840
Oxycodone	Oxycodone-D6	4.730	16777	85609	0.1960	9.7803
Amphetamine	Amphetamine-D11	4.724	122274	103751	1.1785	9.3542
Hydrocodone	Hydrocodone-D6	5.032	10674	66344	0.1609	9.1725
Norhydrocodone	Norhydrocodone-D3	5.056	901	26421	0.0341	9.7311
Methamphetamine	Methamphetamine-D11	5.122	140340	272464	0.5151	9.2921
6-MAM	6-MAM-D6	5.229	441	14843	0.0297	10.6391
Phentermine	Phentermine-D5	5.906	22433	353954	0.0634	9.2005
Dextrophan	Dextrophan-D3	6.385	12397	99584	0.1245	9.6840
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	17417	76877	0.2266	9.6930
Tramadol	Tramadol-13C-D3	6.523	112939	516385	0.2187	10.3003
Metoprolol	Oxycodone-D6	6.602	13239	85609	0.1546	10.3674
Doxylamine	Doxylamine-D5	6.885	86182	511233	0.1686	9.2571
Bupropion	Bupropion-D9	7.072	62097	270461	0.2296	9.8475
Zolpidem	Zolpidem-D6	7.102	66860	367684	0.1818	9.8256
Meprobamate	Meprobamate-D7	7.134	15750	91151	0.1728	9.5957
Trazodone	Trazodone-D6	7.256	56196	286262	0.1963	9.1795
Venlafaxine	Venlafaxine-D6	7.267	104367	483592	0.2158	9.8614
Citalopram	Citalopram-D6	7.358	73209	360458	0.2031	9.8607
Dextromethorphan	Dextromethorphan-D3	7.389	18333	91564	0.2002	10.4615
Diphenhydramine	Diphenhydramine-D3	7.392	136728	623208	0.2194	10.3027



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
Promethazine	Promethazine-D3	7.548	115493	651486	0.1773	10.0148
Clonazepam	Clonazepam-D4	7.604	19839	30856	0.6430	10.1061
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	3928	19792	0.1985	8.4137
Carisoprodol	Carisoprodol-D7	7.695	28741	200303	0.1435	8.7750
Lorazepam	Clonazepam-D4	7.725	11736	30856	0.3804	7.2347
Alprazolam	Alprazolam-D5	7.749	26931	109881	0.2451	10.1811

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ISP FORENSICS - Cd'A Instrument # 62340

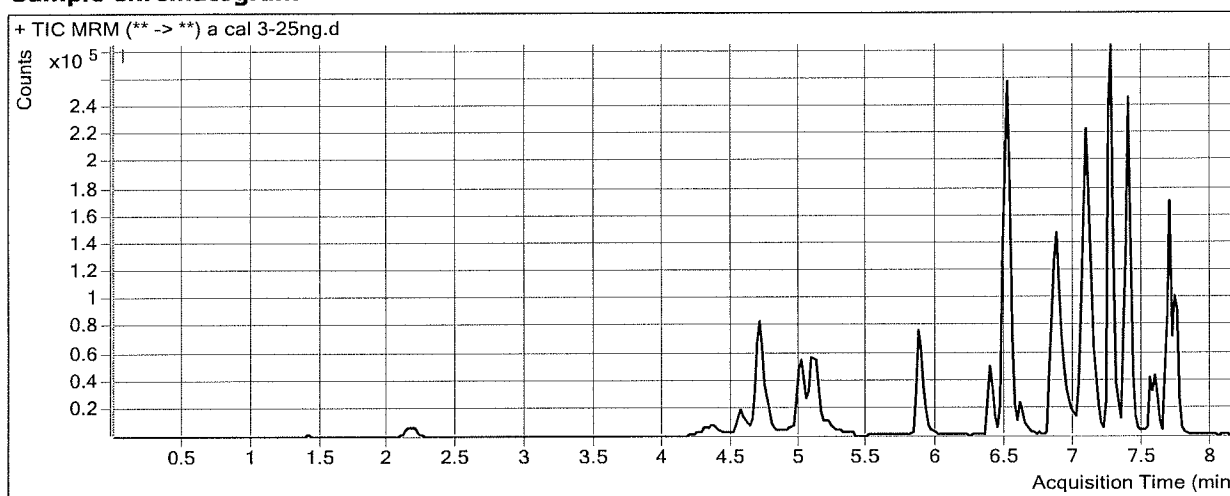
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 15:59 **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	1.428	2967	1140	2.6019	23.3133
Hydromorphone	Hydromorphone-D6	2.169	13680	18766	0.7290	23.7258
Codeine	Codeine-D6	4.373	7223	11306	0.6389	23.1528
Oxycodone	Oxycodone-D6	4.750	39743	77990	0.5096	24.1948
Amphetamine	Amphetamine-D11	4.724	171871	62076	2.7687	28.5289
Hydrocodone	Hydrocodone-D6	5.032	25702	60238	0.4267	24.0655
Norhydrocodone	Norhydrocodone-D3	5.056	1964	22879	0.0859	23.5075
Methamphetamine	Methamphetamine-D11	5.122	143182	125395	1.1418	28.1210
6-MAM	6-MAM-D6	5.229	1009	14408	0.0700	24.2173
Phentermine	Phentermine-D5	5.906	38701	249468	0.1551	23.9090
Dextrophan	Dextrophan-D3	6.385	25979	82280	0.3157	22.9939
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	41469	67555	0.6139	25.8686
Tramadol	Tramadol-13C-D3	6.523	246283	461284	0.5339	25.7290
Metoprolol	Oxycodone-D6	6.602	28067	77990	0.3599	24.4429
Doxylamine	Doxylamine-D5	6.865	193037	425403	0.4538	22.9140
Bupropion	Bupropion-D9	7.072	98677	165039	0.5979	25.4780
Zolpidem	Zolpidem-D6	7.102	150045	332757	0.4509	24.2794
Meprobamate	Meprobamate-D7	7.154	42780	87105	0.4911	26.8285
Trazodone	Trazodone-D6	7.256	55007	105254	0.5226	24.7487
Venlafaxine	Venlafaxine-D6	7.267	224217	403449	0.5558	25.0885
Citalopram	Citalopram-D6	7.358	82344	161736	0.5091	24.0168
Dextromethorphan	Dextromethorphan-D3	7.389	11768	26252	0.4483	21.4755
Diphenhydramine	Diphenhydramine-D3	7.392	151402	282624	0.5357	24.2630



a cal 3

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

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.548	27502	67962	0.4047	22.3294
Clonazepam	Clonazepam-D4	7.604	36925	22457	1.6442	23.7778
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.682	8712	16557	0.5262	22.4809
Carisoprodol	Carisoprodol-D7	7.695	72509	186443	0.3889	24.4931
Lorazepam	Clonazepam-D4	7.725	21626	22457	0.9630	29.5724
Alprazolam	Alprazolam-D5	7.749	64032	101571	0.6304	24.3381



ISP FORENSICS - Cd'A Instrument # 62340

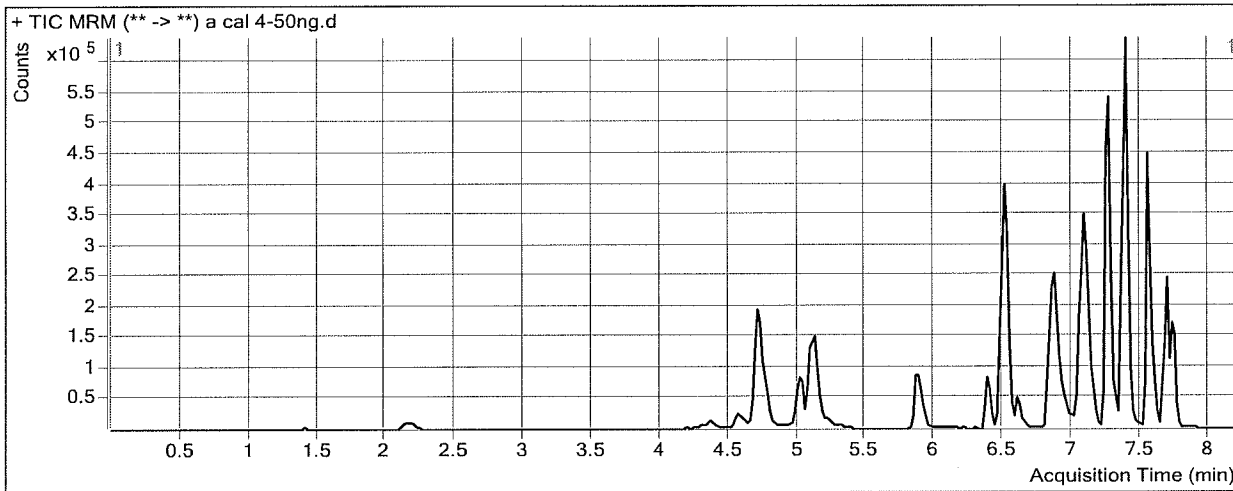
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin		
Analysis Time	12/27/2018 9:06 AM	Analyst Name	ISP Tox
Report Time	12/27/2018 9:14 AM	Reporter Name	ISP Tox
Last Calib Update	12/27/2018 9:06 AM	Batch State	Processed

Analysis Info

Acq Time	2018-12-20 16:25	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	1.428	7592	1314	5.7797	52.6761
Hydromorphone	Hydromorphone-D6	2.169	32152	20964	1.5337	49.4679
Codeine	Codeine-D6	4.373	16867	11423	1.4766	52.5660
Oxycodone	Oxycodone-D6	4.750	91030	85697	1.0622	49.5946
Amphetamine	Amphetamine-D11	4.724	444256	94735	4.6895	51.6897
Hydrocodone	Hydrocodone-D6	5.032	59530	65282	0.9119	51.2555
Norhydrocodone	Norhydrocodone-D3	5.056	4247	25410	0.1671	45.1396
Methamphetamine	Methamphetamine-D11	5.122	380797	145687	2.6138	72.3407
6-MAM	6-MAM-D6	5.229	2073	15340	0.1351	46.1687
Phentermine	Phentermine-D5	5.926	100677	299023	0.3367	53.0114
Dextroprphan	Dextroprphan-D3	6.385	64649	93604	0.6907	49.0843
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	100243	77875	1.2872	53.9925
Tramadol	Tramadol-13C-D3	6.523	571399	501759	1.1388	55.3375
Metoprolol	Oxycodone-D6	6.602	67385	85697	0.7863	53.6906
Doxylamine	Doxylamine-D5	6.865	502238	480002	1.0463	51.2889
Bupropion	Bupropion-D9	7.072	266364	222435	1.1975	50.9243
Zolpidem	Zolpidem-D6	7.102	339912	364500	0.9325	50.1509
Meprobamate	Meprobamate-D7	7.154	78019	89226	0.8744	47.5763
Trazodone	Trazodone-D6	7.256	237752	216727	1.0970	52.1561
Venlafaxine	Venlafaxine-D6	7.267	509320	454606	1.1204	50.3796
Citalopram	Citalopram-D6	7.338	317768	283576	1.1206	52.3013
Dextromethorphan	Dextromethorphan-D3	7.389	72666	67171	1.0818	49.6070
Diphenhydramine	Diphenhydramine-D3	7.392	563381	520204	1.0830	48.4182

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

a call

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.548	460544	500894	0.9194	50.2088
Clonazepam	Clonazepam-D4	7.604	96628	26531	3.6421	51.0575
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	20595	17296	1.1907	51.0036
Carisoprodol	Carisoprodol-D7	7.695	137131	188132	0.7289	46.2689
Lorazepam	Clonazepam-D4	7.704	41941	26531	1.5808	53.2590
Alprazolam	Alprazolam-D5	7.749	140722	109209	1.2886	48.5185



ISP FORENSICS - Cd'A Instrument # 62340

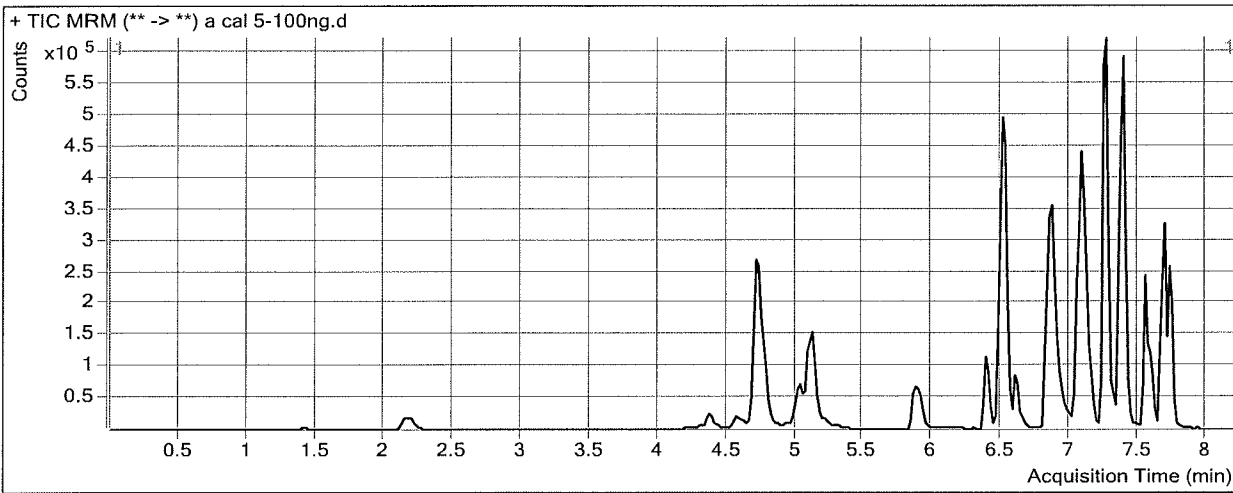
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin		
Analysis Time	12/27/2018 9:06 AM	Analyst Name	ISP Tox
Report Time	12/27/2018 9:14 AM	Reporter Name	ISP Tox
Last Calib Update	12/27/2018 9:06 AM	Batch State	Processed

Analysis Info

Acq Time	2018-12-20 16:50	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	1.408	12412	1160	10.7001	98.1412
Hydromorphone	Hydromorphone-D6	2.169	55341	18482	2.9943	96.1936
Codeine	Codeine-D6	4.373	27410	10153	2.6998	95.5101
Oxycodone	Oxycodone-D6	4.750	153078	70447	2.1730	100.6459
Amphetamine	Amphetamine-D11	4.724	641873	71060	9.0328	104.0621
Hydrocodone	Hydrocodone-D6	5.032	102295	56065	1.8246	102.3985
Norhydrocodone	Norhydrocodone-D3	5.077	7093	20145	0.3521	94.3776
Methamphetamine	Methamphetamine-D11	5.122	368676	111650	3.3021	93.0170
6-MAM	6-MAM-D6	5.229	3734	13531	0.2760	93.6236
Phentermine	Phentermine-D5	5.926	137439	207487	0.6624	105.2223
Dextroprphan	Dextroprphan-D3	6.385	106177	74581	1.4236	100.0924
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	162310	63721	2.5472	106.6163
Tramadol	Tramadol-13C-D3	6.523	940157	425446	2.2098	107.7632
Metoprolol	Oxycodone-D6	6.602	111629	70447	1.5846	108.4400
Doxylamine	Doxylamine-D5	6.865	819251	368495	2.2232	107.6465
Bupropion	Bupropion-D9	7.072	379614	160527	2.3648	100.4640
Zolpidem	Zolpidem-D6	7.102	568035	291760	1.9469	104.6403
Meprobamate	Meprobamate-D7	7.134	128941	69600	1.8526	100.5300
Trazodone	Trazodone-D6	7.256	279314	131944	2.1169	100.8205
Venlafaxine	Venlafaxine-D6	7.246	810975	362654	2.2362	100.3641
Citalopram	Citalopram-D6	7.338	390802	176007	2.2204	103.1759
Dextromethorphan	Dextromethorphan-D3	7.369	74812	34510	2.1678	97.8295
Diphenhydramine	Diphenhydramine-D3	7.392	687834	326153	2.1089	93.6981

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
Promethazine	Promethazine-D3	7.548	297585	170162	1.7488	95.1268
Clonazepam	Clonazepam-D4	7.583	154385	21232	7.2714	100.6122
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	35940	14182	2.5342	108.6679
Carisoprodol	Carisoprodol-D7	7.695	254993	158362	1.6102	102.7109
Lorazepam	Clonazepam-D4	7.704	63946	21232	3.0118	108.1202
Alprazolam	Alprazolam-D5	7.729	232100	85021	2.7299	101.4749

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ISP FORENSICS - Cd'A Instrument # 62340

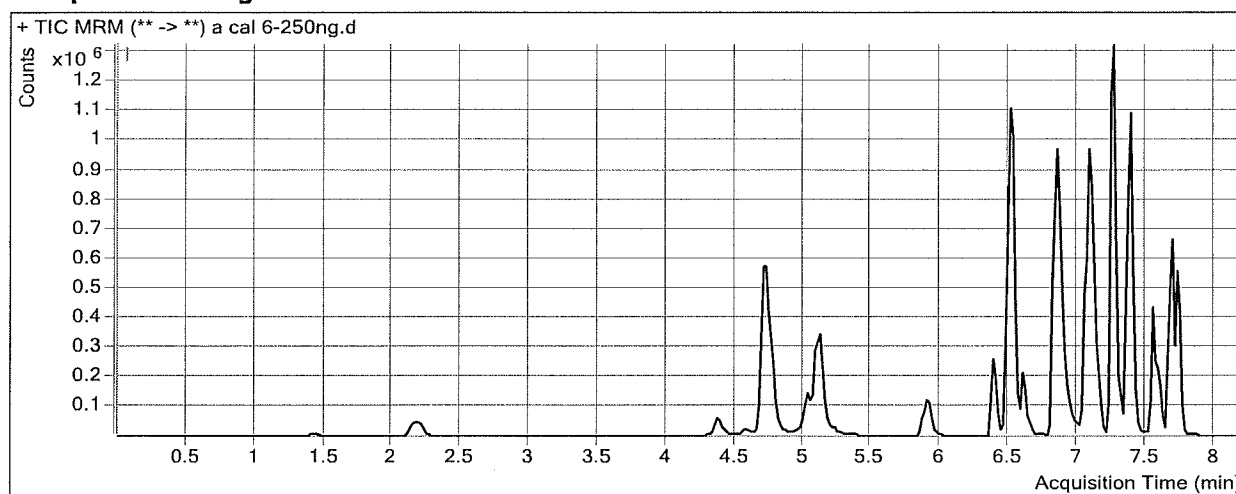
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 17:15 **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	1.428	32394	1195	27.1168	249.8303
Hydromorphone	Hydromorphone-D6	2.189	155177	19423	7.9894	255.9903
Codeine	Codeine-D6	4.373	75850	11134	6.8125	239.9013
Oxycodone	Oxycodone-D6	4.750	429833	80630	5.3309	245.7910
Amphetamine	Amphetamine-D11	4.724	1492705	69544	21.4640	253.9605
Hydrocodone	Hydrocodone-D6	5.032	284462	61558	4.6211	259.1040
Norhydrocodone	Norhydrocodone-D3	5.077	20482	20901	0.9799	261.4944
Methamphetamine	Methamphetamine-D11	5.122	847936	112757	7.5200	219.7298
6-MAM	6-MAM-D6	5.229	10406	15204	0.6844	231.2678
Phentermine	Phentermine-D5	5.926	346440	216808	1.5979	255.1850
Dextroprphan	Dextroprphan-D3	6.385	280446	77049	3.6398	254.3152
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	422835	68237	6.1965	259.0340
Tramadol	Tramadol-13C-D3	6.523	2490405	475457	5.2379	255.9867
Metoprolol	Oxycodone-D6	6.602	295952	80630	3.6705	251.5010
Doxylamine	Doxylamine-D5	6.843	2317128	421216	5.5010	264.6075
Bupropion	Bupropion-D9	7.072	951675	158379	6.0089	255.1155
Zolpidem	Zolpidem-D6	7.102	1527457	322724	4.7330	254.2999
Meprobamate	Meprobamate-D7	7.134	315065	74183	4.2471	230.1560
Trazodone	Trazodone-D6	7.256	680252	126114	5.3940	257.1840
Venlafaxine	Venlafaxine-D6	7.246	2067708	365405	5.6587	253.6704
Citalopram	Citalopram-D6	7.338	829377	154848	5.3561	248.2278
Dextromethorphan	Dextromethorphan-D3	7.369	159645	28566	5.5886	249.7209
Diphenhydramine	Diphenhydramine-D3	7.392	1532703	256557	5.9741	264.2890

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
Promethazine	Promethazine-D3	7.548	722505	153712	4.7004	254.9751
Clonazepam	Clonazepam-D4	7.583	325041	16707	19.4556	266.9789
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	80618	13893	5.8027	248.9575
Carisoprodol	Carisoprodol-D7	7.695	638247	113796	5.6087	358.7974
Lorazepam	Clonazepam-D4	7.704	106398	16707	6.3685	236.8137
Alprazolam	Alprazolam-D5	7.729	579528	83104	6.9735	257.3876



ISP FORENSICS - Cd'A Instrument # 62340

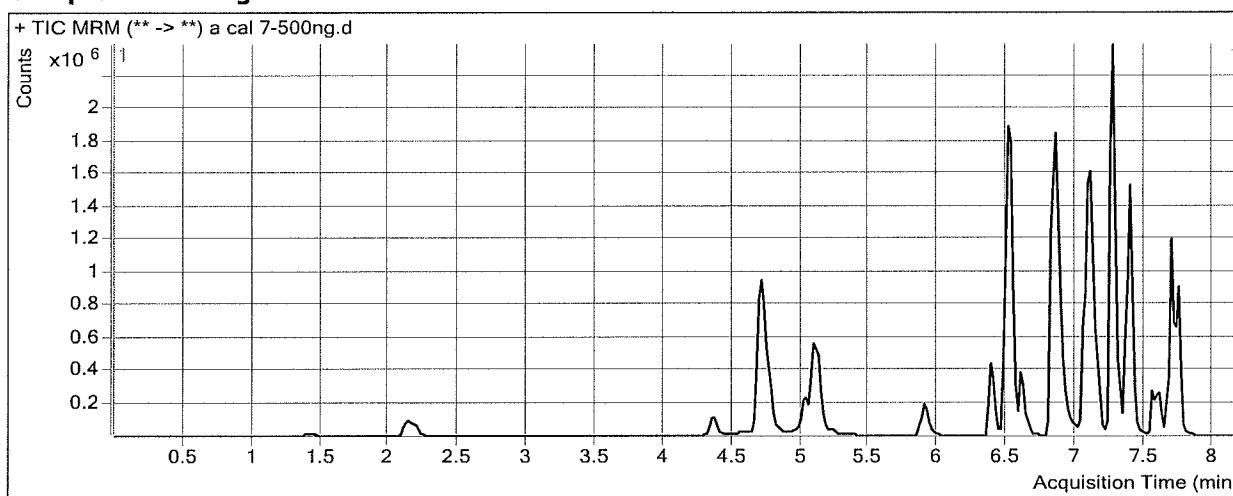
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 17:41 **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	1.408	63803	1210	52.7431	486.6165
Hydromorphone	Hydromorphone-D6	2.149	305726	18709	16.3414	523.1747
Codeine	Codeine-D6	4.373	146752	10551	13.9084	489.0298
Oxycodone	Oxycodone-D6	4.730	828921	76246	10.8716	500.4496
Amphetamine	Amphetamine-D11	4.724	2268472	64905	34.9505	416.5827
Hydrocodone	Hydrocodone-D6	5.032	533068	58279	9.1467	512.7057
Norhydrocodone	Norhydrocodone-D3	5.056	42026	19332	2.1740	579.3150
Methamphetamine	Methamphetamine-D11	5.102	1394126	94010	14.8296	439.3180
6-MAM	6-MAM-D6	5.229	22326	14942	1.4941	504.1445
Phentermine	Phentermine-D5	5.906	617711	192783	3.2042	512.6676
Dextroprphan	Dextroprphan-D3	6.385	515949	68745	7.5052	523.3069
7-aminoclonazepam	7-Aminoclonazepam-D4	6.494	722721	61955	11.6653	487.4410
Tramadol	Tramadol-13C-D3	6.523	4731290	488440	9.6865	473.7420
Metoprolol	Oxycodone-D6	6.602	539016	76246	7.0694	484.6142
Doxylamine	Doxylamine-D5	6.843	4462428	430112	10.3750	498.0034
Bupropion	Bupropion-D9	7.072	1460202	127238	11.4761	487.1424
Zolpidem	Zolpidem-D6	7.102	3099153	316106	9.8041	526.7049
Meprobamate	Meprobamate-D7	7.154	583821	64245	9.0873	492.1751
Trazodone	Trazodone-D6	7.256	1279987	114267	11.2017	534.3000
Venlafaxine	Venlafaxine-D6	7.267	4037289	349431	11.5539	517.7416
Citalopram	Citalopram-D6	7.358	1277835	117061	10.9160	505.4172
Dextromethorphan	Dextromethorphan-D3	7.389	214514	18116	11.8413	527.3626
Diphenhydramine	Diphenhydramine-D3	7.392	2233337	191854	11.6408	514.3916

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
Promethazine	Promethazine-D3	7.548	521985	52554	9.9323	538.3221
Clonazepam	Clonazepam-D4	7.604	512697	15008	34.1621	467.7868
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	139210	11662	11.9366	512.2353
Carisoprodol	Carisoprodol-D7	7.695	1003587	129382	7.7568	496.3712
Lorazepam	Clonazepam-D4	7.725	132788	15008	8.8480	331.8719
Alprazolam	Alprazolam-D5	7.749	1012902	79058	12.8122	471.9051



ISP FORENSICS - Cd'A Instrument # 62340

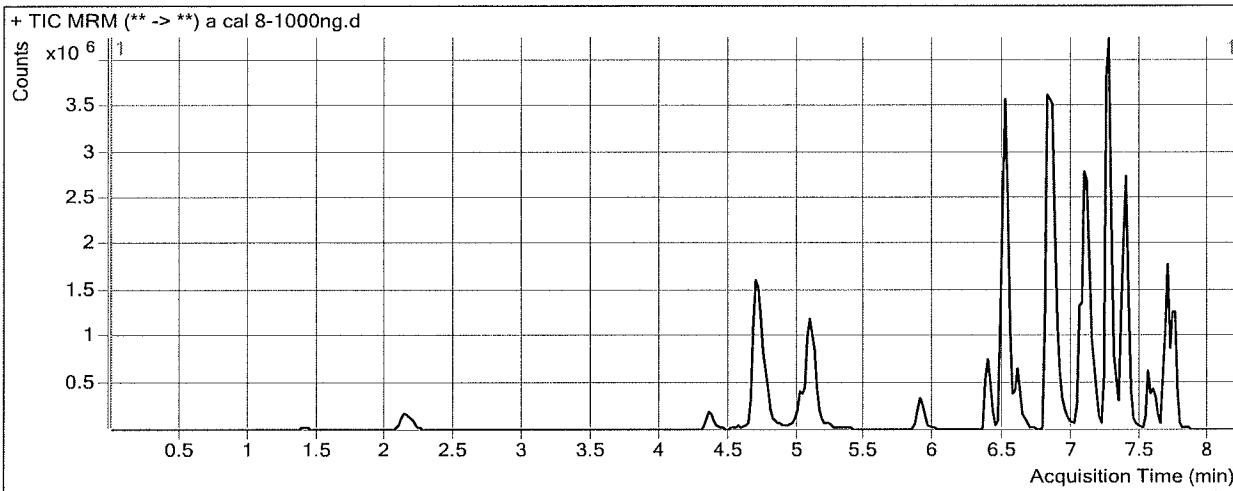
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1a.batch.bin
Analysis Time 12/27/2018 9:06 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:14 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:06 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 18:07 **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	1.408	121872	1110	109.7966	1013.7885
Hydromorphone	Hydromorphone-D6	2.149	577745	17845	32.3766	1036.1513
Codeine	Codeine-D6	4.353	267061	9161	29.1508	1024.1698
Oxycodone	Oxycodone-D6	4.730	1593492	72989	21.8320	1004.2060
Amphetamine	Amphetamine-D11	4.704	4366777	71382	61.1751	732.8035
Hydrocodone	Hydrocodone-D6	5.012	1023287	58753	17.4169	976.1330
Norhydrocodone	Norhydrocodone-D3	5.056	88504	16558	5.3451	1423.4149
Methamphetamine	Methamphetamine-D11	5.102	2965508	105565	28.0917	837.7292
6-MAM	6-MAM-D6	5.229	45877	15105	3.0373	1024.1877
Phentermine	Phentermine-D5	5.906	1137421	205771	5.5276	885.1118
Dextroprphan	Dextroprphan-D3	6.385	951595	64188	14.8252	1032.6991
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	1096263	54426	20.1424	841.4927
Tramadol	Tramadol-13C-D3	6.502	8223202	490962	16.7492	819.4529
Metoprolol	Oxycodone-D6	6.602	933367	72989	12.7878	876.8087
Doxylamine	Doxylamine-D5	6.823	8594218	431686	19.9085	954.5218
Bupropion	Bupropion-D9	7.051	2542575	110506	23.0086	976.5708
Zolpidem	Zolpidem-D6	7.102	5604541	311901	17.9690	965.2942
Meprobamate	Meprobamate-D7	7.154	1024218	50690	20.2055	1094.0457
Trazodone	Trazodone-D6	7.256	2620668	138002	18.9900	905.9171
Venlafaxine	Venlafaxine-D6	7.246	7483123	342795	21.8297	978.0400
Citalopram	Citalopram-D6	7.338	2256569	108462	20.8051	962.8688
Dextromethorphan	Dextromethorphan-D3	7.369	403282	18338	21.9919	978.0794
Diphenhydramine	Diphenhydramine-D3	7.392	4521754	203876	22.1790	979.4953

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
Promethazine	Promethazine-D3	7.548	1110233	58284	19.0486	1032.0385
Clonazepam	Clonazepam-D4	7.604	754507	10252	73.5948	1006.2120
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.661	239346	9881	24.2228	1039.5767
Carisoprodol	Carisoprodol-D7	7.695	1513117	107835	14.0318	898.2631
Lorazepam	Clonazepam-D4	7.704	247239	10252	24.1157	917.2171
Alprazolam	Alprazolam-D5	7.749	1659286	59775	27.7587	1021.0505



ISP FORENSICS - Cd'A Instrument # 62340

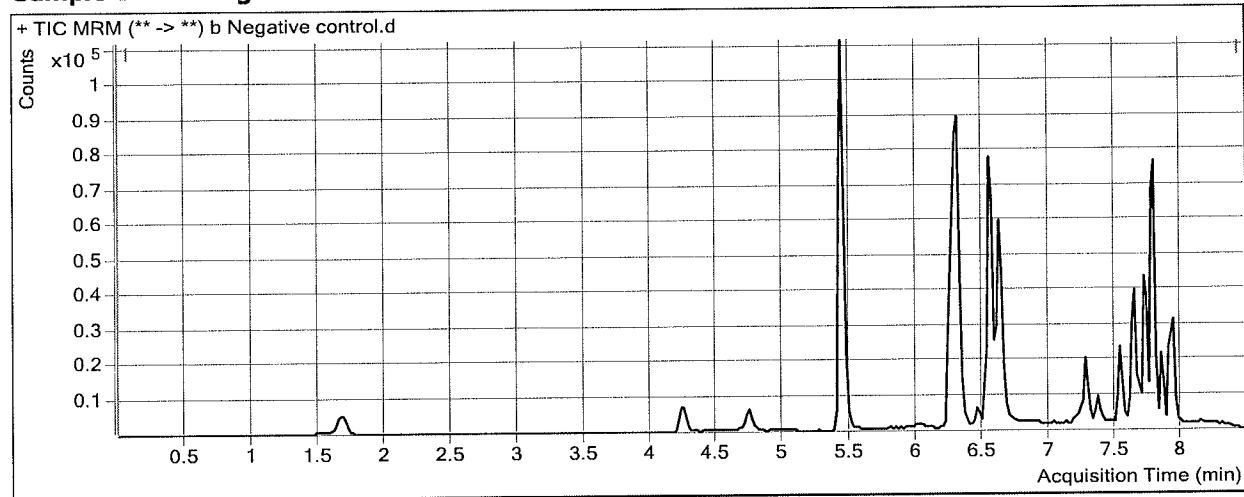
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 18:57 **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



ISP FORENSICS - Cd'A Instrument # 62340

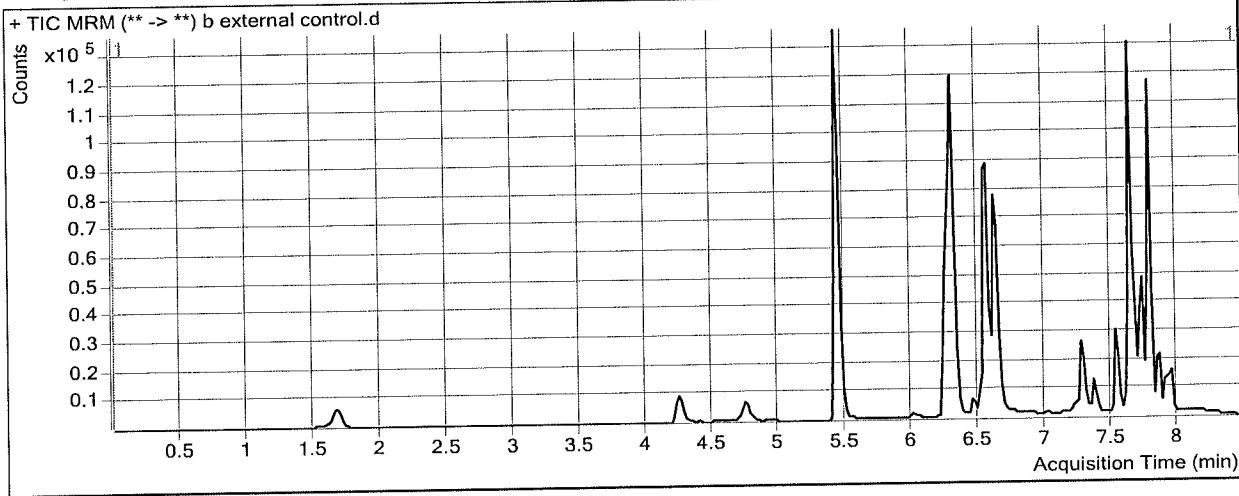
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 19:23 **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	7.641	71333	103095	0.6919	39.1109

ISP FORENSICS - Cd'A Instrument # 62340

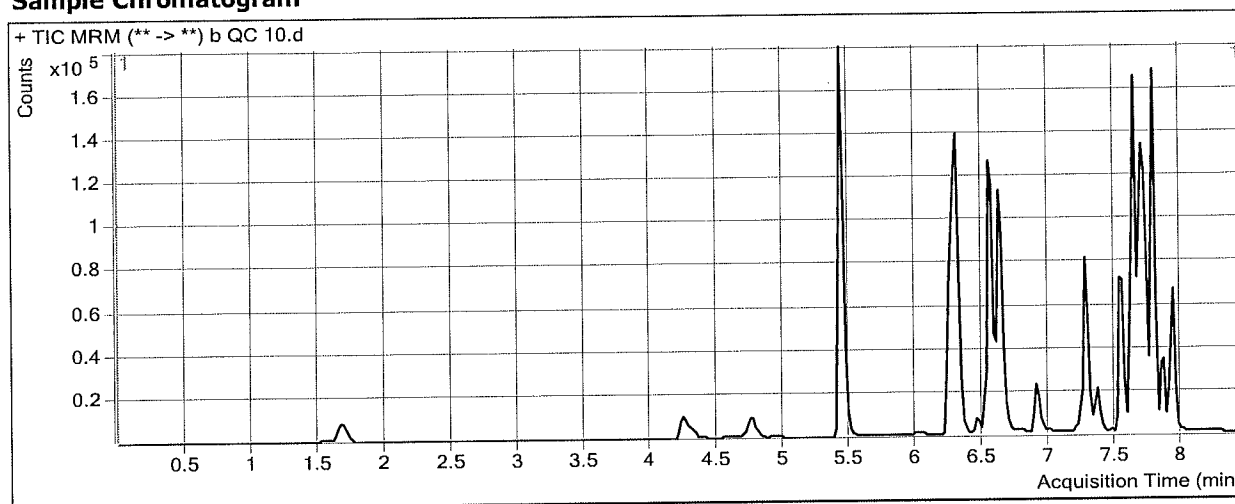
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 19:48 **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	1.688	7800	36859	0.2116	9.7247
Dihydrocodeine	Dihydrocodeine-D6	4.311	8760	42043	0.2084	10.0277
Noroxycodone	Noroxycodone-D3	4.778	8085	33646	0.2403	10.2846
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.439	94466	439673	0.2149	10.3538
Benzoylcegonine	Benzoylcegonine-d8	6.052	674	3218	0.2096	11.5146
Ketamine	Ketamine-D4	6.279	38442	154751	0.2484	9.7271
Norfentanyl	Norfentanyl-D5	6.322	7253	354747	0.0204	1.1503
Cocaine	Cocaine-d3	6.529	67881	337317	0.2012	10.0520
alpha-PVP	alpha-PVP-d8	6.626	62090	261826	0.2371	9.7813
Mirtazapine	alpha-PVP-d8	6.900	43131	261826	0.1647	9.1682
Norbuprenorphine	Norbuprenorphine-D3	7.213	306	7155	0.0427	1.8171 NE
Fentanyl	Fentanyl-D5	7.277	4280	190040	0.0225	1.0996
Mitragynine	Methadone-D9	7.334	9717	202844	0.0479	9.8059
EDDP	EDDP-D3	7.366	5832	27840	0.2095	11.4006
Quetiapine	Quetiapine-D8	7.537	71832	99622	0.7210	10.4507
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	18326	87351	0.2098	9.7029
Buprenorphine	Buprenorphine-D4	7.654	1538	55980	0.0275	1.1502
Methadone	Methadone-D9	7.641	36963	202844	0.1822	11.0884
Fluoxetine	Fluoxetine-D6	7.682	46980	225197	0.2086	11.3781
Oxazepam	Oxazepam-D5	7.728	24580	119828	0.2051	9.8488
Sertraline	Sertraline-D3	7.764	9455	41685	0.2268	10.3544
Temazepam	Temazepam-D5	7.786	51936	272486	0.1906	9.0585
Nordiazepam	Nordiazepam-D5	7.874	19409	53306	0.3641	9.9908

ISP FORENSICS - Cd'A Instrument # 62340

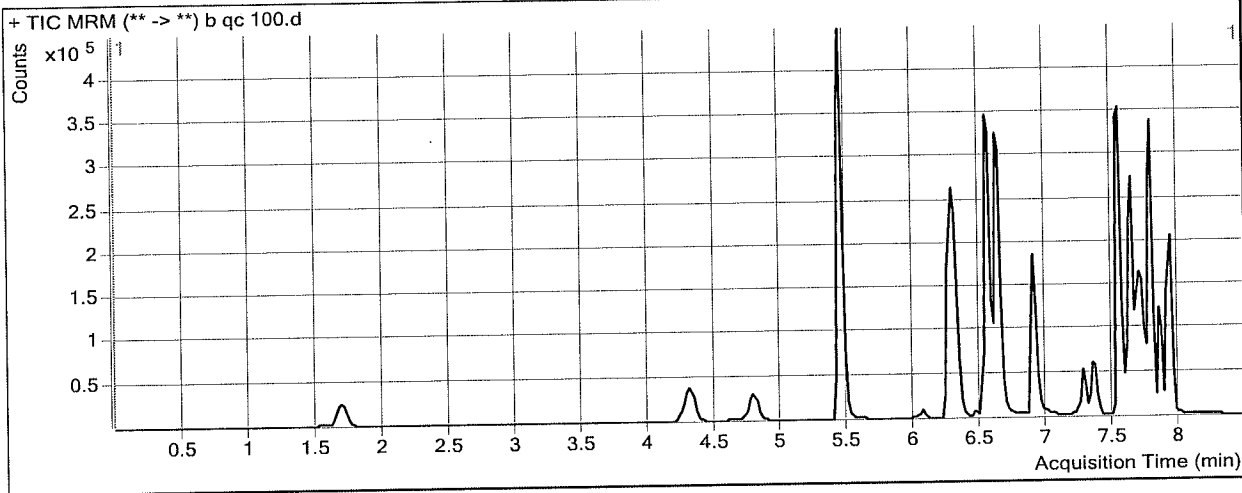
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 23:50 **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	1.688	79035	35826	2.2061	93.0840
Dihydrocodeine	Dihydrocodeine-D6	4.311	90682	41691	2.1751	111.3159
Noroxycodone	Noroxycodone-D3	4.798	74245	30595	2.4267	97.3807
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	939986	432540	2.1732	102.4541
Benzoylcegonine	Benzoylcegonine-d8	6.052	8968	3447	2.6017	144.8305
Ketamine	Ketamine-D4	6.279	392334	152120	2.5791	100.4417
Norfentanyl	Norfentanyl-D5	6.322	77040	336415	0.2290	9.4911
Cocaine	Cocaine-d3	6.529	639544	321854	1.9871	97.0399
alpha-PVP	alpha-PVP-d8	6.646	585070	244747	2.3905	97.7287
Mirtazapine	alpha-PVP-d8	6.900	361642	244747	1.4776	95.9186
Norbuprenorphine	Norbuprenorphine-D3	7.213	1040	4721	0.2204	10.1275 NE
Fentanyl	Fentanyl-D5	7.257	22103	98925	0.2234	9.8383
Mitragynine	Methadone-D9	7.334	59360	136233	0.4357	85.2375
EDDP	EDDP-D3	7.366	58049	22216	2.6129	114.1919
Quetiapine	Quetiapine-D8	7.537	618971	76764	8.0633	107.7487
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	87761	42104	2.0844	87.7535
Buprenorphine	Buprenorphine-D4	7.654	6469	32591	0.1985	8.5262
Methadone	Methadone-D9	7.641	241050	136233	1.7694	98.3503
Fluoxetine	Fluoxetine-D6	7.682	196942	98823	1.9929	97.4120
Oxazepam	Oxazepam-D5	7.728	114443	65150	1.7566	88.0570
Sertraline	Sertraline-D3	7.744	47691	20287	2.3509	88.2972
Temazepam	Temazepam-D5	7.786	457663	216611	2.1128	96.6387
Nordiazepam	Nordiazepam-D5	7.854	158266	36805	4.3001	111.0091

ISP FORENSICS - Cd'A Instrument # 62340

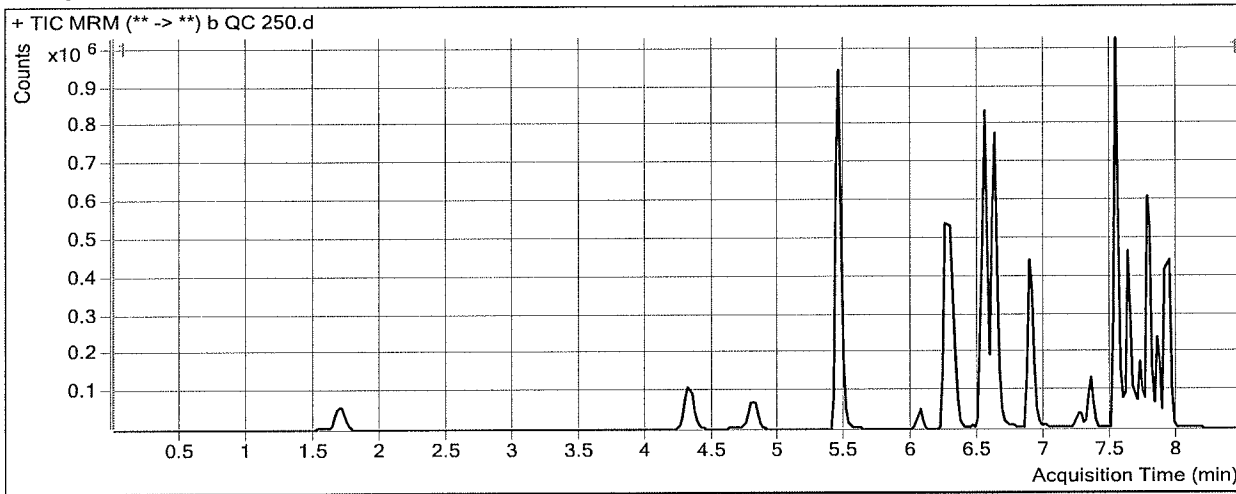
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-21 09:16 **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	1.708	222400	38525	5.7728	242.1545
Dihydrocodeine	Dihydrocodeine-D6	4.311	273740	51485	5.3169	273.1205
Noroxycodone	Noroxycodone-D3	4.818	201774	30331	6.6524	265.7133
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	2458892	447540	5.4942	258.6442
Benzoylcegonine	Benzoylcegonine-d8	6.052	56732	4029	14.0818	784.6282
Ketamine	Ketamine-D4	6.259	1043804	163903	6.3684	247.9268
Norfentanyl	Norfentanyl-D5	6.322	217616	351245	0.6196	25.1106
Cocaine	Cocaine-d3	6.529	1668775	327607	5.0938	248.3714
alpha-PVP	alpha-PVP-d8	6.626	1547237	243036	6.3663	260.1064
Mirtazapine	alpha-PVP-d8	6.879	920928	243036	3.7893	248.6631
Norbuprenorphine	Norbuprenorphine-D3	7.213	1966	3732	0.5268	24.4587 NE
Fentanyl	Fentanyl-D5	7.257	32520	60028	0.5417	23.6838
Mitragynine	Methadone-D9	7.314	115401	98898	1.1669	227.4469
EDDP	EDDP-D3	7.346	145236	24039	6.0417	260.8387
Quetiapine	Quetiapine-D8	7.517	1446712	83259	17.3760	231.1567
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	94216	15349	6.1380	256.5332
Buprenorphine	Buprenorphine-D4	7.654	14032	21089	0.6654	28.6623
Methadone	Methadone-D9	7.621	445492	98898	4.5046	248.7303
Fluoxetine	Fluoxetine-D6	7.682	98421	18461	5.3312	258.3824
Oxazepam	Oxazepam-D5	7.707	238477	20944	11.3863	573.4838
Sertraline	Sertraline-D3	7.744	19208	3533	5.4361	201.5120
Temazepam	Temazepam-D5	7.766	1050173	185068	5.6745	258.9155
Nordiazepam	Nordiazepam-D5	7.854	344968	29532	11.6812	300.4470

ISP FORENSICS - Cd'A Instrument # 62340

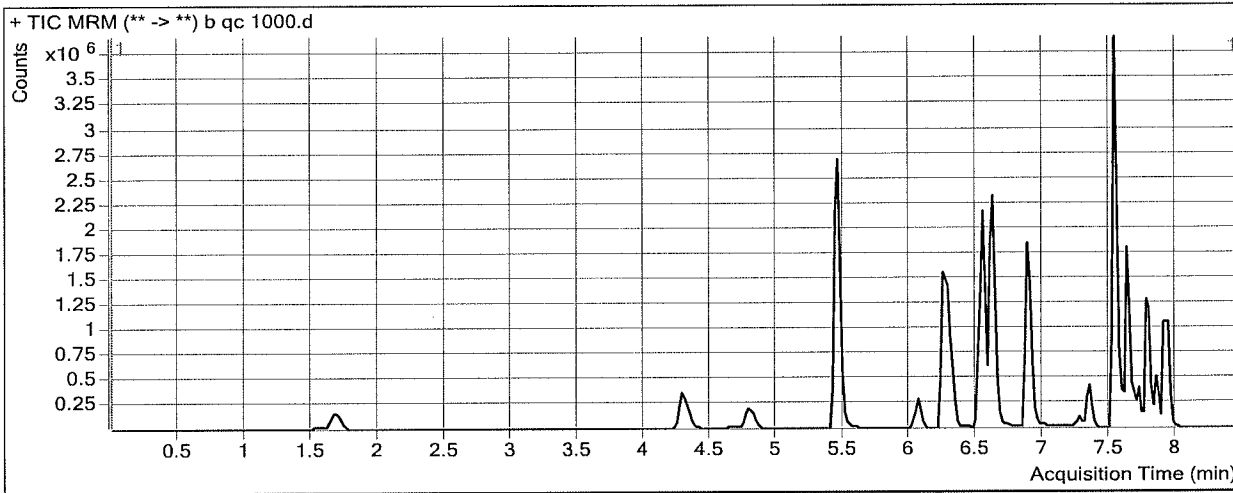
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-21 09:41 **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	1.688	667683	29308	22.7814	953.0238
Dihydrocodeine	Dihydrocodeine-D6	4.291	872310	46942	18.5828	956.3224
Noroxycodone	Noroxycodone-D3	4.798	564259	21924	25.7374	1025.9692
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	8387004	386698	21.6888	1020.2769
Benzoylcegonine	Benzoylcegonine-d8	6.052	352968	3712	95.0968	5299.6641 *
Ketamine	Ketamine-D4	6.259	3713535	148638	24.9838	972.4660
Norfentanyl	Norfentanyl-D5	6.322	777856	300826	2.5857	103.7441
Cocaine	Cocaine-d3	6.529	5007067	252708	19.8137	965.3779
alpha-PVP	alpha-PVP-d8	6.626	5215775	217013	24.0344	981.7039
Mirtazapine	alpha-PVP-d8	6.879	3877896	217013	17.8694	1179.0245
Norbuprenorphine	Norbuprenorphine-D3	7.213	8024	3041	2.6382	123.2294 NE
Fentanyl	Fentanyl-D5	7.257	136972	60658	2.2581	98.3380
Mitragynine	Methadone-D9	7.314	409052	108825	3.7588	731.5816 *
EDDP	EDDP-D3	7.346	507663	22649	22.4145	961.0930
Quetiapine	Quetiapine-D8	7.517	6028503	89552	67.3182	892.9775
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	440996	19327	22.8175	951.0061
Buprenorphine	Buprenorphine-D4	7.634	49667	17833	2.7852	120.0916 *
Methadone	Methadone-D9	7.621	1939176	108825	17.8192	980.7667
Fluoxetine	Fluoxetine-D6	7.682	429738	20452	21.0122	1014.4915
Oxazepam	Oxazepam-D5	7.707	419549	8503	49.3409	2486.7559
Sertraline	Sertraline-D3	7.744	95336	3543	26.9044	989.3016 *
Temazepam	Temazepam-D5	7.766	2572599	112501	22.8674	1042.2541
Nordiazepam	Nordiazepam-D5	7.854	738488	17171	43.0080	1104.4543

ISP Forensics Calibration Curve Report

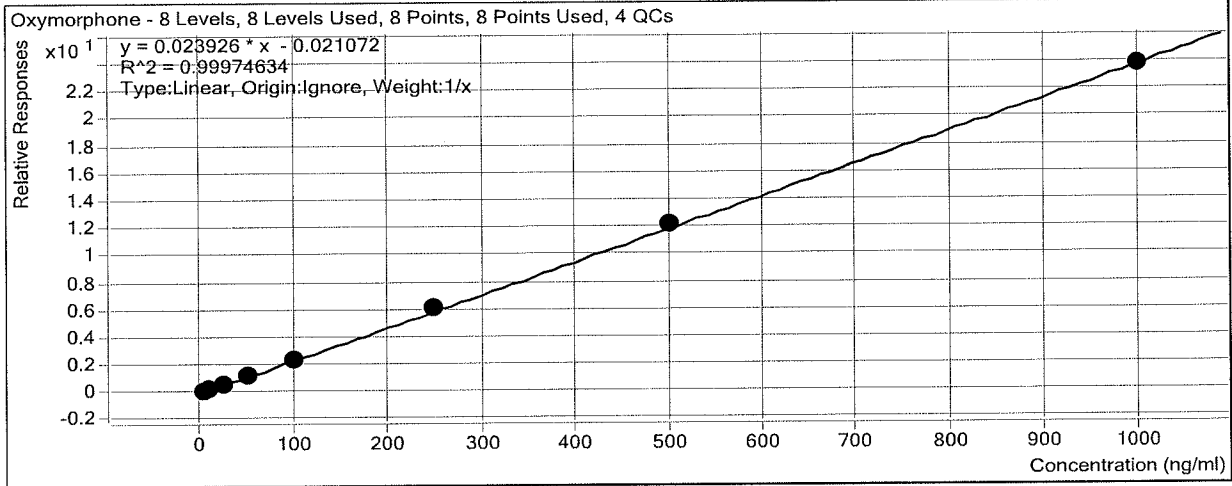
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b qc 100	5	<input checked="" type="checkbox"/>	100	93.1	93.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.7	101.5
b QC 250	6	<input checked="" type="checkbox"/>	250	242.2	96.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.3	101.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.8	99.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	953.0	95.3

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

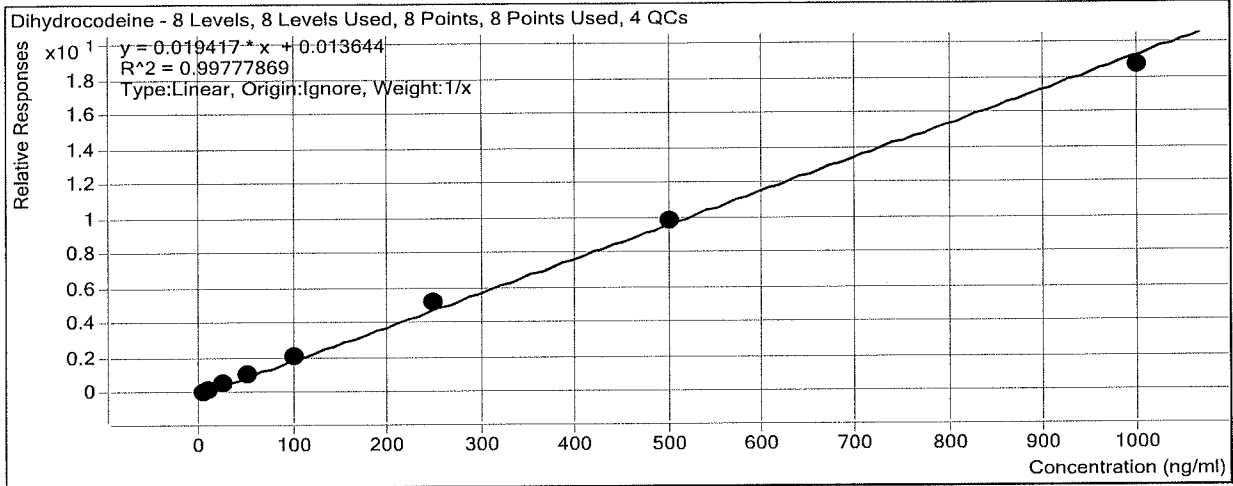
D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

Target Compound
Internal Standard

Dihydrocodeine
Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	87.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	106.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.1	109.1
b qc 100	5	<input checked="" type="checkbox"/>	100	111.3	111.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.0	107.2
b QC 250	6	<input checked="" type="checkbox"/>	250	273.1	109.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.2	101.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	963.1	96.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	956.3	95.6

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

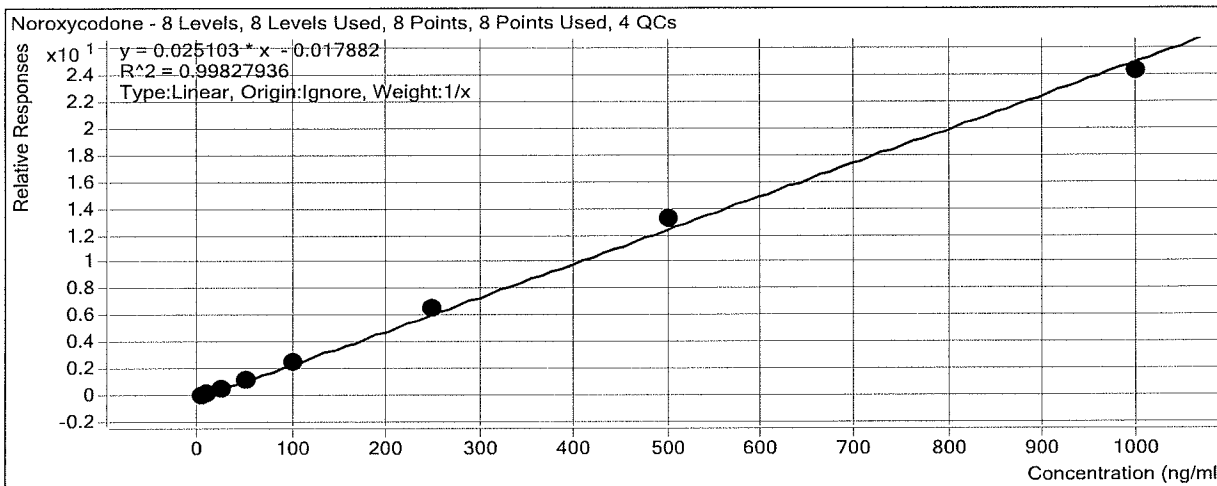
D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

Target Compound
Internal Standard

Noroxycodone
Noroxycodone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b qc 100	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.3	103.7
b QC 250	6	<input checked="" type="checkbox"/>	250	265.7	106.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.0	105.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	965.8	96.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1026.0	102.6

ISP Forensics Calibration Curve Report

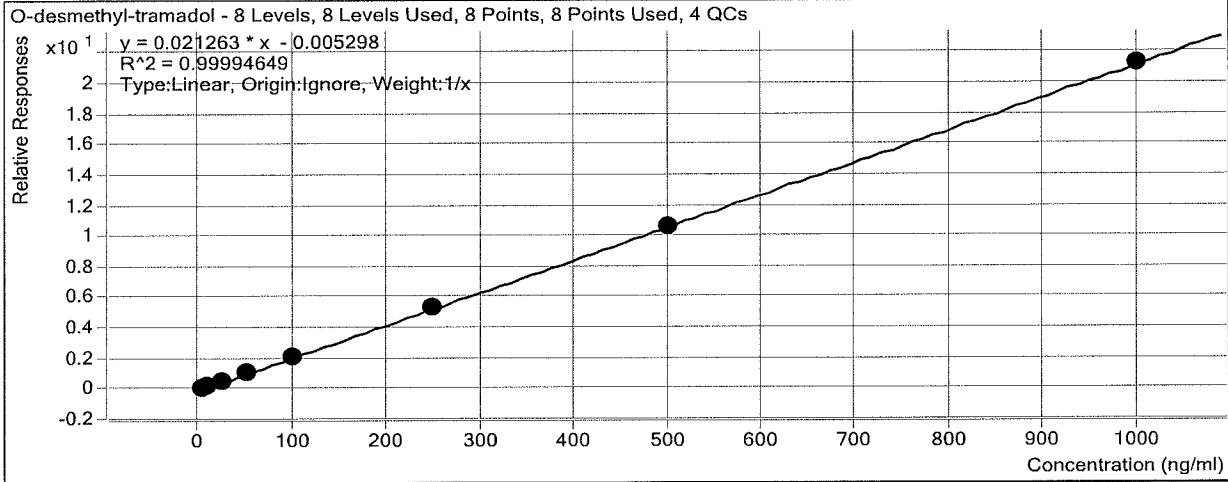
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

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

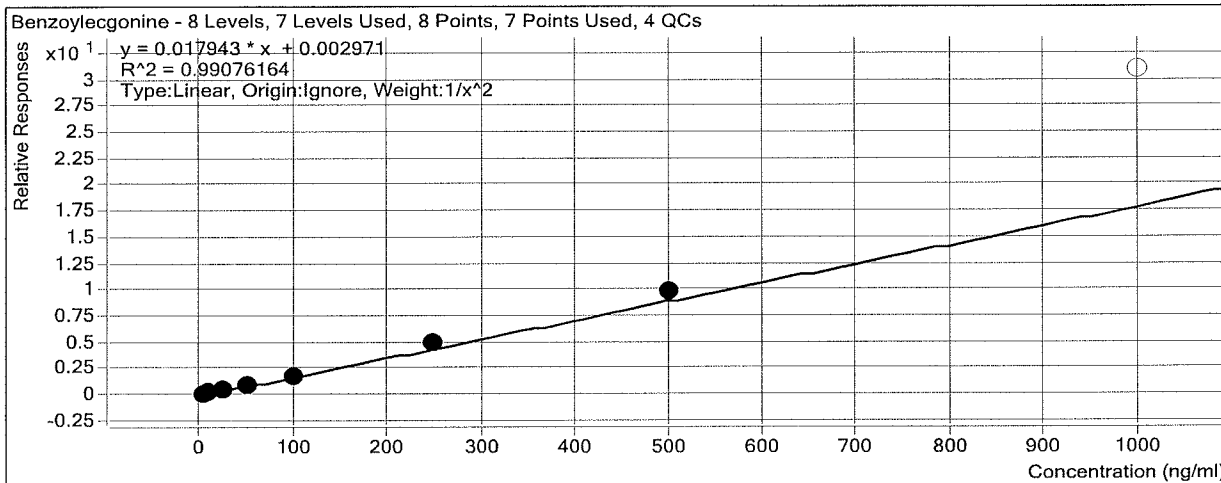


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b qc 100	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.6	101.0
b QC 250	6	<input checked="" type="checkbox"/>	250	258.6	103.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.4	99.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.1	100.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1020.3	102.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 AM **Analyst Name** ISP TOX

Target Compound Benzoyllecgonine
Internal Standard Benzoyllecgonine-d8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.7
b QC 10	2	<input checked="" type="checkbox"/>	10	11.5	115.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.8	91.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b qc 100	5	<input checked="" type="checkbox"/>	100	144.8	144.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.9	107.6
b QC 250	6	<input checked="" type="checkbox"/>	250	784.6	313.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	547.7	109.5
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1721.0	172.1
b qc 1000	8	<input type="checkbox"/>	1000	5299.7	530.0

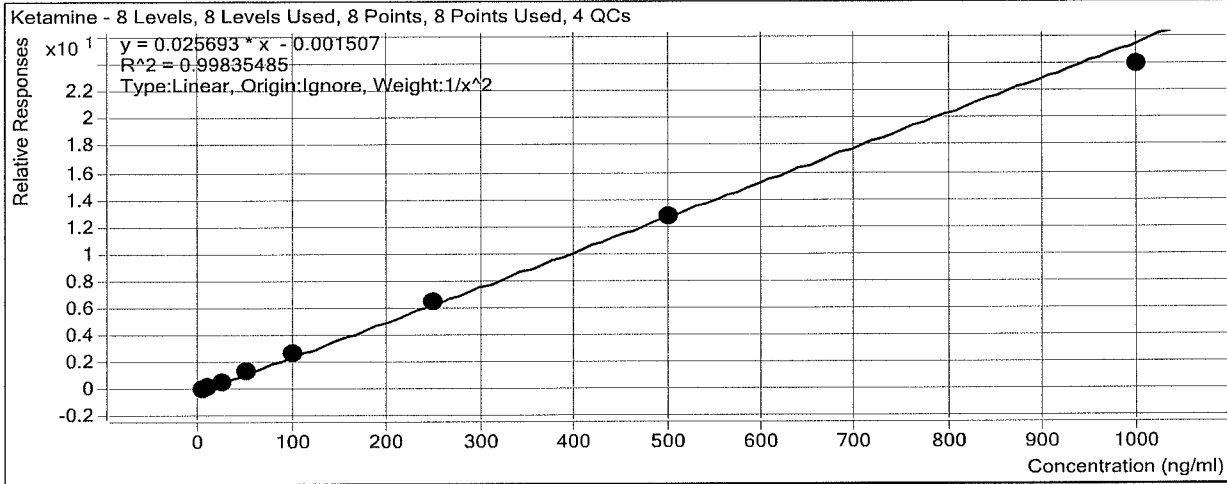
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

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

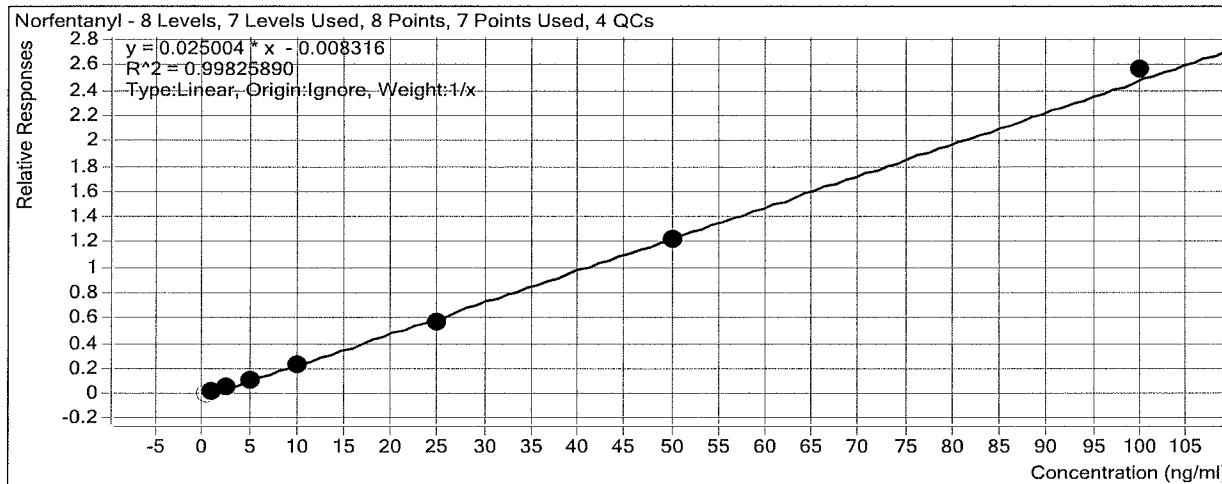


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b qc 100	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.4	101.8
b QC 250	6	<input checked="" type="checkbox"/>	250	247.9	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.0	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	932.7	93.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	972.5	97.2

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 AM **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	0.7	146.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.2	115.3
b QC 10	2	<input checked="" type="checkbox"/>	1	1.2	115.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	102.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.6	92.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	94.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.5	94.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.3	93.4
b QC 250	6	<input checked="" type="checkbox"/>	25	25.1	100.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.4	98.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.9	102.9
b qc 1000	8	<input checked="" type="checkbox"/>	100	103.7	103.7

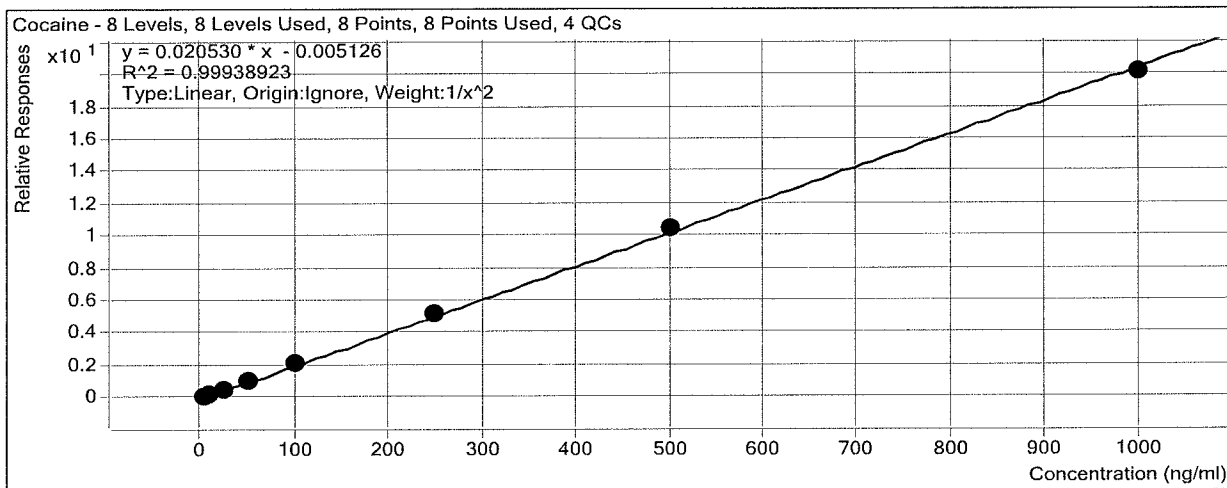
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

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	5.1	101.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.0	102.0
b qc 100	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.7	99.9
b QC 250	6	<input checked="" type="checkbox"/>	250	248.4	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.6	101.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.7	98.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	965.4	96.5



ISP Forensics Calibration Curve Report

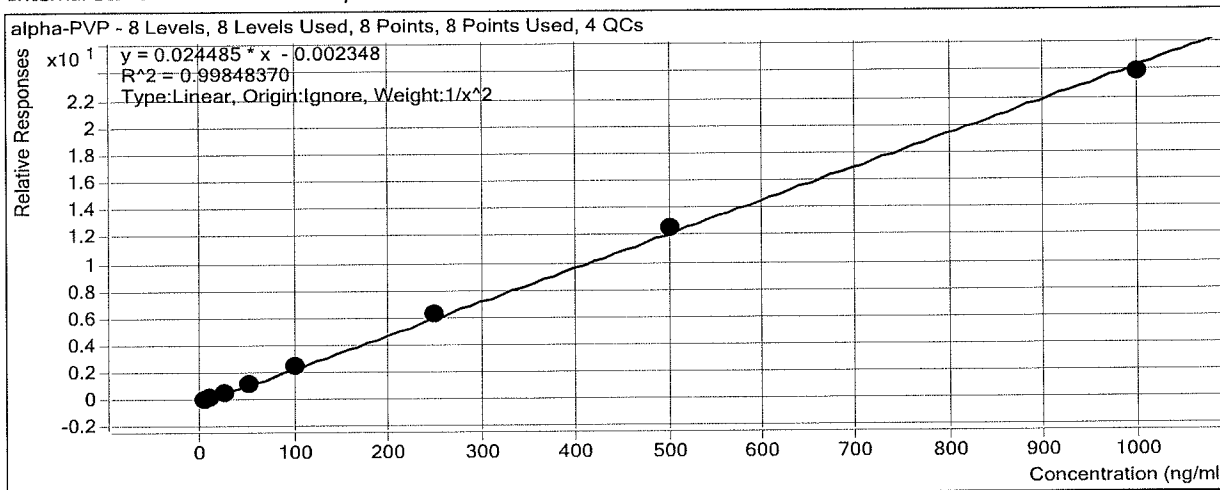
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
b qc 100	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.0	102.8
b QC 250	6	<input checked="" type="checkbox"/>	250	260.1	104.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.5	102.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	973.5	97.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	981.7	98.2

ISP Forensics Calibration Curve Report

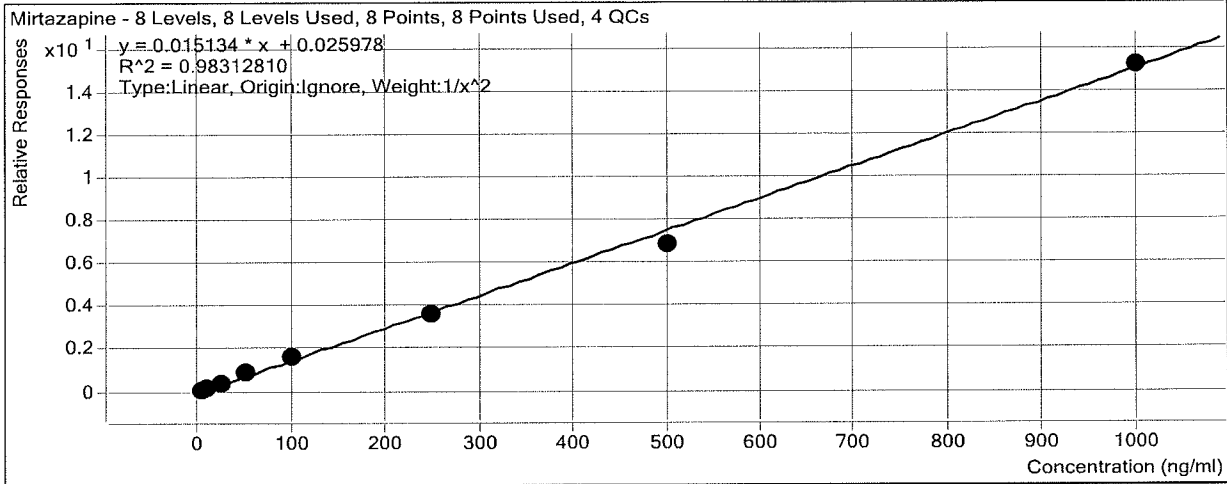
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

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



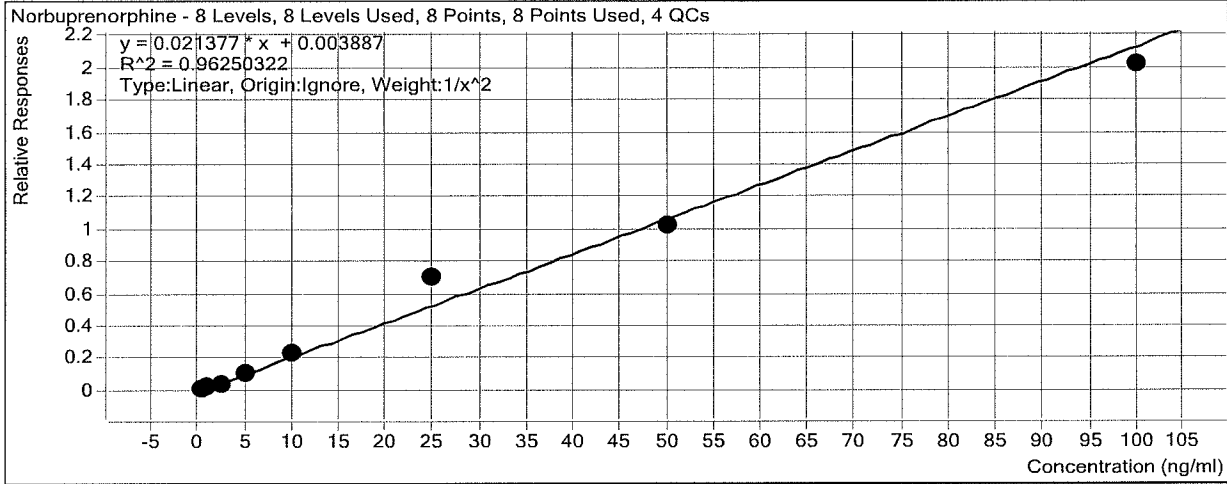
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.7	116.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	91.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.5	85.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.6	115.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.2	104.2
b qc 100	5	<input checked="" type="checkbox"/>	100	95.9	95.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.5	94.6
b QC 250	6	<input checked="" type="checkbox"/>	250	248.7	99.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	450.8	90.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1179.0	117.9



ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 AM **Analyst Name** ISP TOX

Target Compound Norbuprenorphine
Internal Standard Norbuprenorphine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	111.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.8	84.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.8	181.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	1.9	75.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.8	108.3
b qc 100	5	<input checked="" type="checkbox"/>	10	10.1	101.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	32.7	130.9
b QC 250	6	<input checked="" type="checkbox"/>	25	24.5	97.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.7	95.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	94.3	94.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	123.2	123.2

Not Evaluated

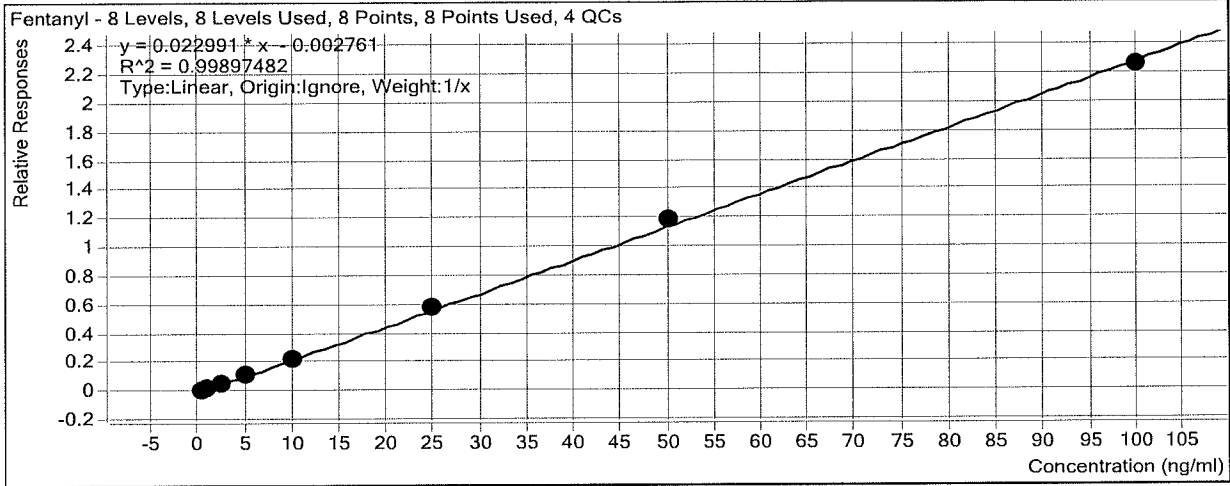
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	122.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	91.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	110.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.1	85.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	99.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.6	102.6
b QC 250	6	<input checked="" type="checkbox"/>	25	23.7	94.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.6	103.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 1000	8	<input checked="" type="checkbox"/>	100	98.3	98.3

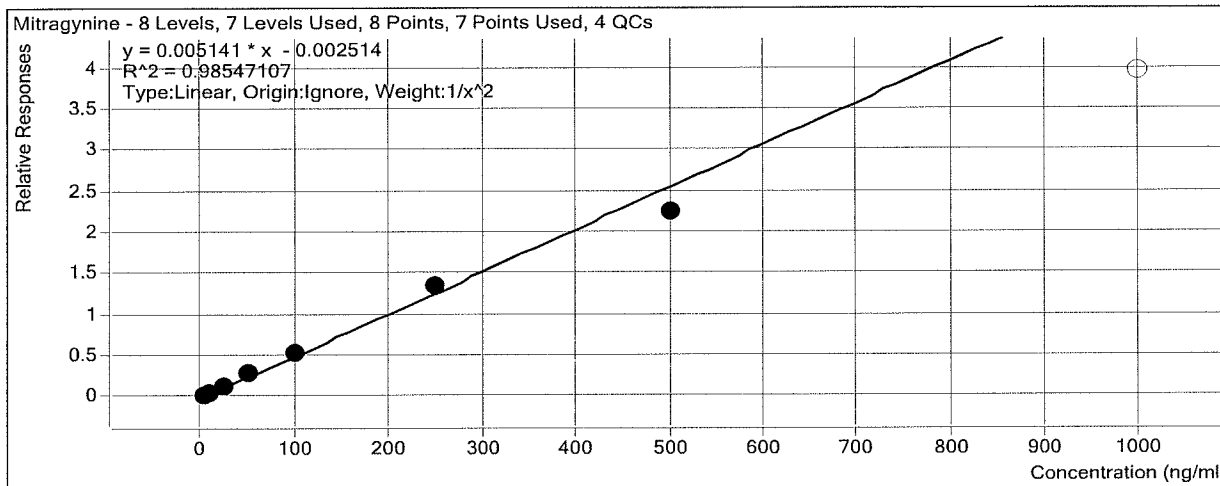
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

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



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	10.5	104.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.7	86.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.5	115.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 100	5	<input checked="" type="checkbox"/>	100	85.2	85.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.4	105.8
b QC 250	6	<input checked="" type="checkbox"/>	250	227.4	91.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	435.6	87.1
b cal 8-1000ng	8	<input type="checkbox"/>	1000	768.5	76.9
b qc 1000	8	<input type="checkbox"/>	1000	731.6	73.2



ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

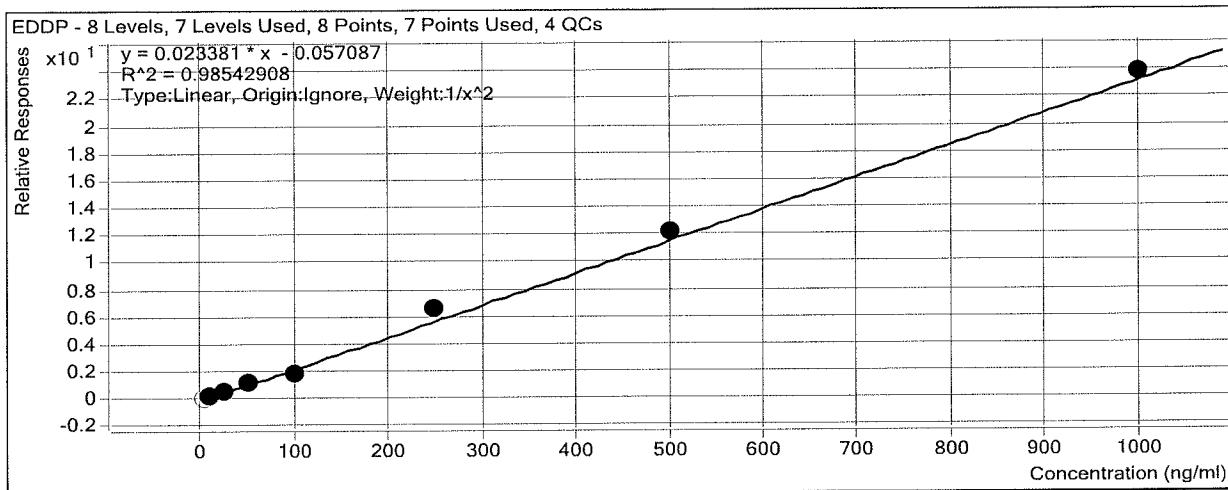
D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

ISP TOX

Target Compound
Internal Standard

EDDP
EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	6.3	125.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.2
b QC 10	2	<input checked="" type="checkbox"/>	10	11.4	114.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	81.6	81.6
b qc 100	5	<input checked="" type="checkbox"/>	100	114.2	114.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	285.3	114.1
b QC 250	6	<input checked="" type="checkbox"/>	250	260.8	104.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.7	105.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1021.0	102.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	961.1	96.1



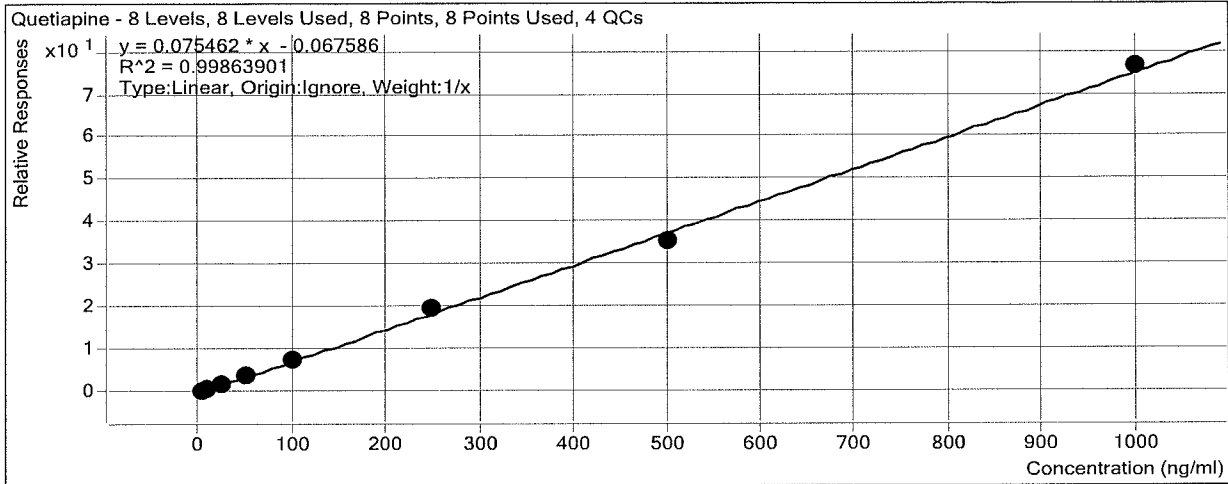
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	105.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.1	103.1
b qc 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.8	103.9
b QC 250	6	<input checked="" type="checkbox"/>	250	231.2	92.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.3	94.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1013.4	101.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	893.0	89.3

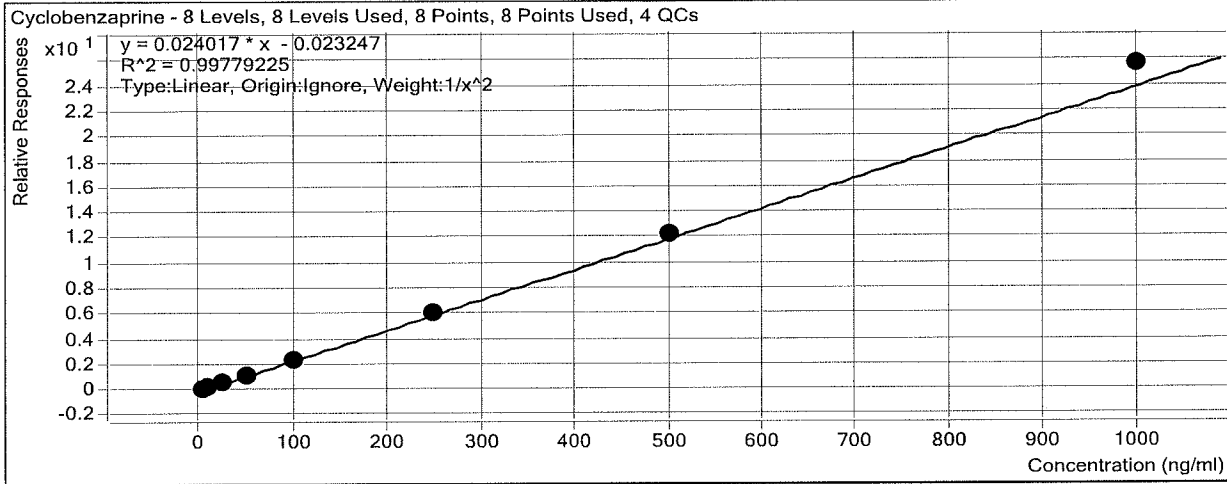
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

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

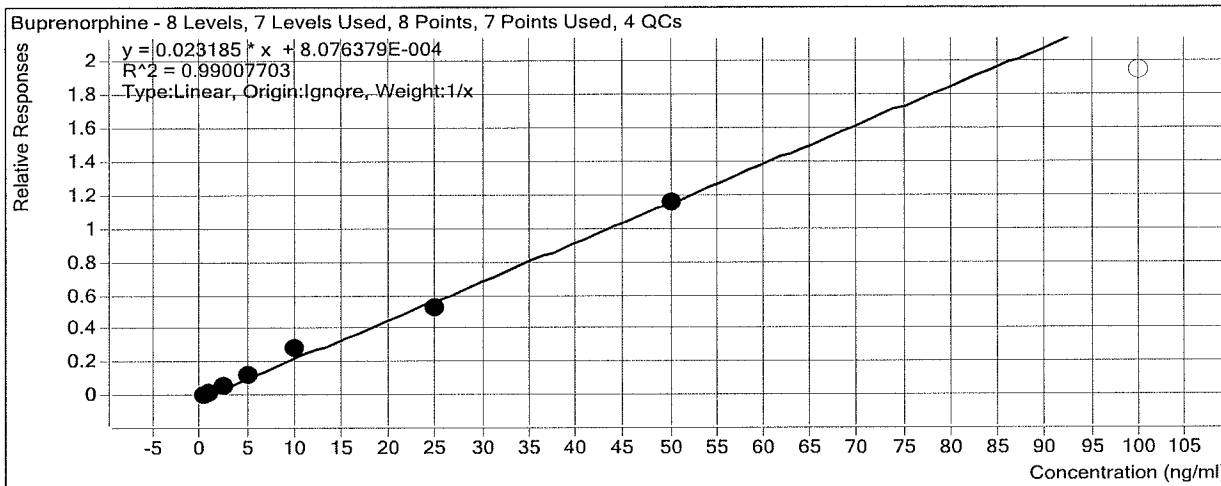


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	93.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b qc 100	5	<input checked="" type="checkbox"/>	100	87.8	87.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.4	102.2
b QC 250	6	<input checked="" type="checkbox"/>	250	256.5	102.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.6	101.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1068.6	106.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	951.0	95.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 AM **Analyst Name** ISP TOX

Target Compound Buprenorphine
Internal Standard Buprenorphine-D4

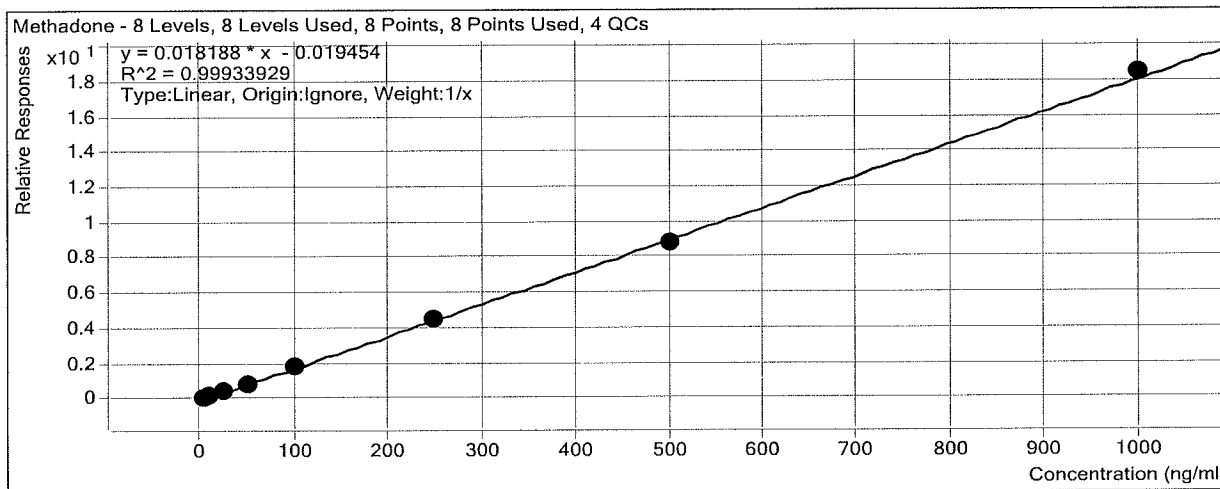


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	92.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.8	78.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.2	115.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.8	111.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.2	103.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	12.3	122.8
b qc 100	5	<input checked="" type="checkbox"/>	10	8.5	85.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	22.8	91.0
b QC 250	6	<input checked="" type="checkbox"/>	25	28.7	114.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.7	99.5
b cal 8-1000ng	8	<input type="checkbox"/>	100	83.5	83.5
b qc 1000	8	<input type="checkbox"/>	100	120.1	120.1

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 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	5.6	111.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.8
b QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.6	93.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
b qc 100	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.4	98.5
b QC 250	6	<input checked="" type="checkbox"/>	250	248.7	99.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.0	97.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.5	101.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	980.8	98.1

ISP Forensics Calibration Curve Report

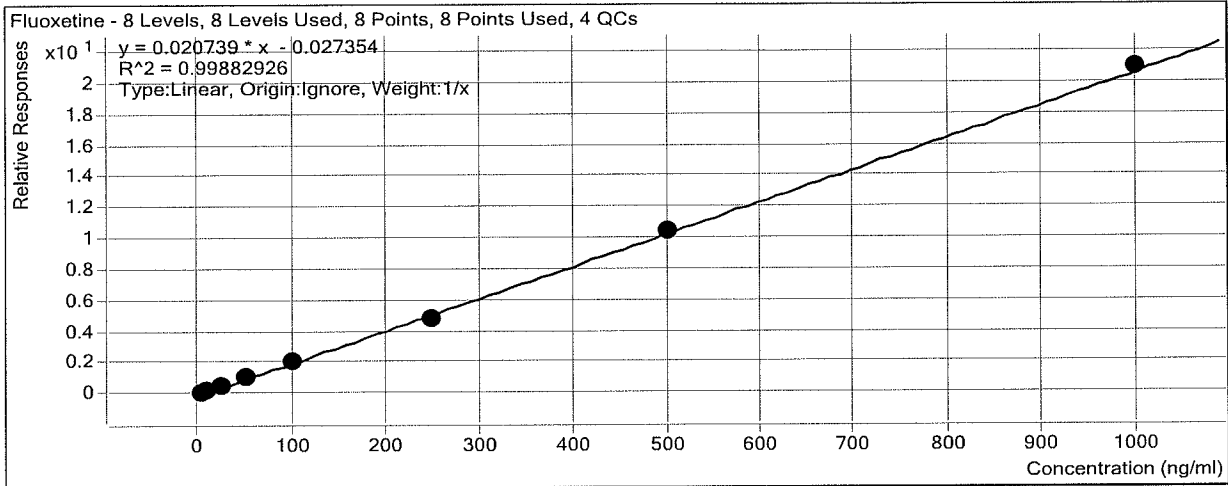
Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 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 checked="" type="checkbox"/>	5	5.9	118.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b QC 10	2	<input checked="" type="checkbox"/>	10	11.4	113.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
b qc 100	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	231.3	92.5
b QC 250	6	<input checked="" type="checkbox"/>	250	258.4	103.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	507.8	101.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.9	101.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1014.5	101.4

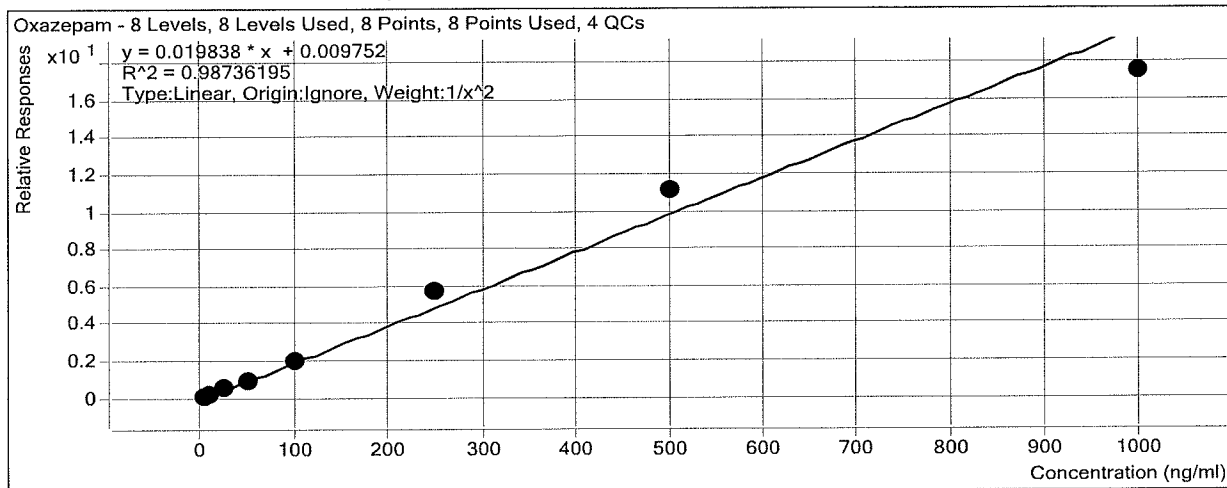
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5

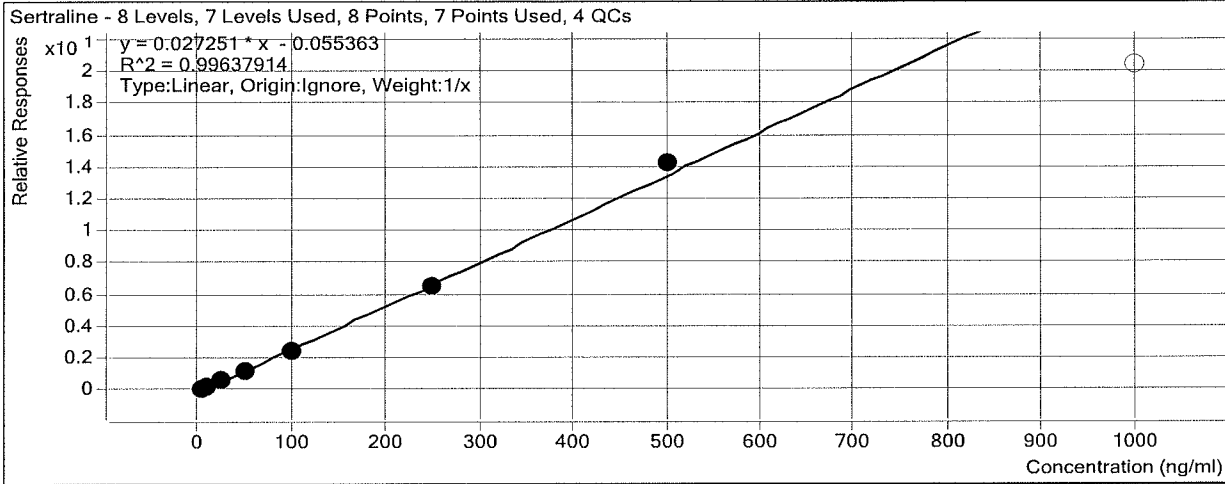


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.5	90.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 100	5	<input checked="" type="checkbox"/>	100	88.1	88.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	286.6	114.7
b QC 250	6	<input checked="" type="checkbox"/>	250	573.5	229.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	561.3	112.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	881.0	88.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	2486.8	248.7

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 AM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3

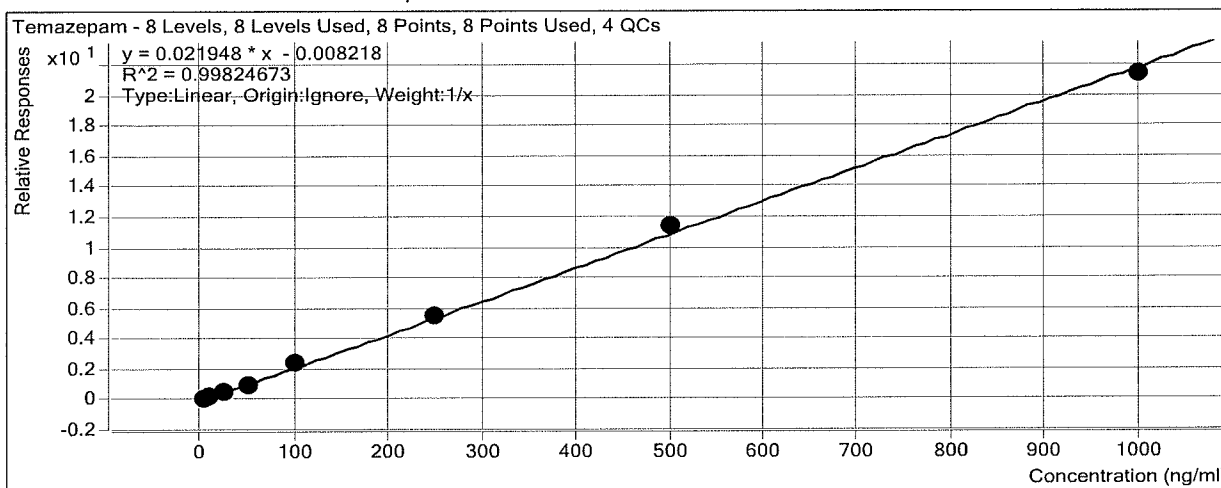


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	117.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.1	92.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.2	91.2
b qc 100	5	<input checked="" type="checkbox"/>	100	88.3	88.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.8	95.5
b QC 250	6	<input checked="" type="checkbox"/>	250	201.5	80.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	523.9	104.8
b cal 8-1000ng	8	<input type="checkbox"/>	1000	750.6	75.1
b qc 1000	8	<input type="checkbox"/>	1000	989.3	98.9

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Last Calib Update 12/27/2018 9:02 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	5.2	103.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.3	90.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.7	110.7
b qc 100	5	<input checked="" type="checkbox"/>	100	96.6	96.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.7	101.5
b QC 250	6	<input checked="" type="checkbox"/>	250	258.9	103.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.9	103.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	974.3	97.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1042.3	104.2

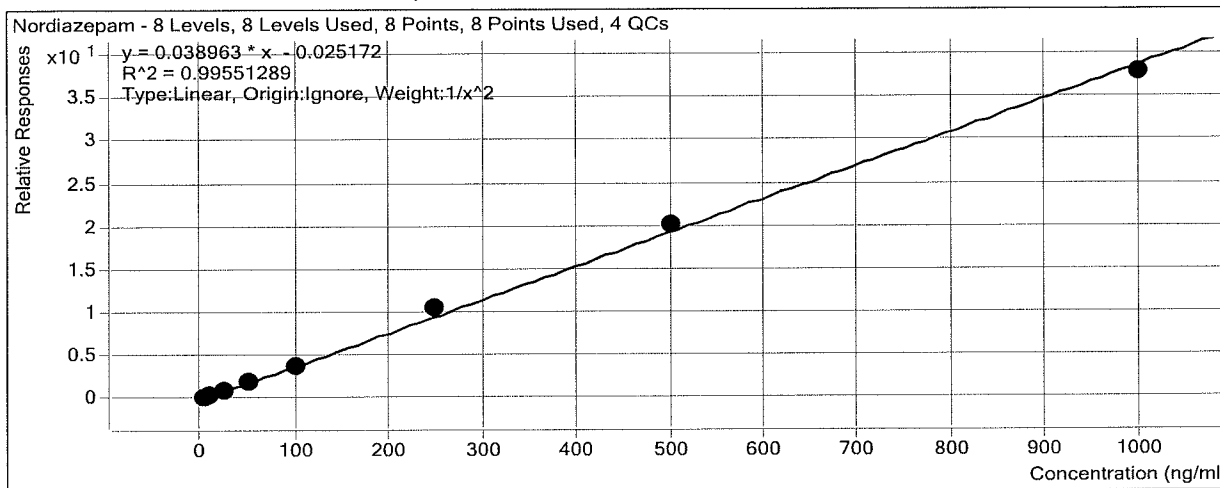
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 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	5.2	104.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.2	95.2
b qc 100	5	<input checked="" type="checkbox"/>	100	111.0	111.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	273.1	109.2
b QC 250	6	<input checked="" type="checkbox"/>	250	300.4	120.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.7	103.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.5	97.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1104.5	110.4

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
12/27/2018 9:02 AM

Analyst Name

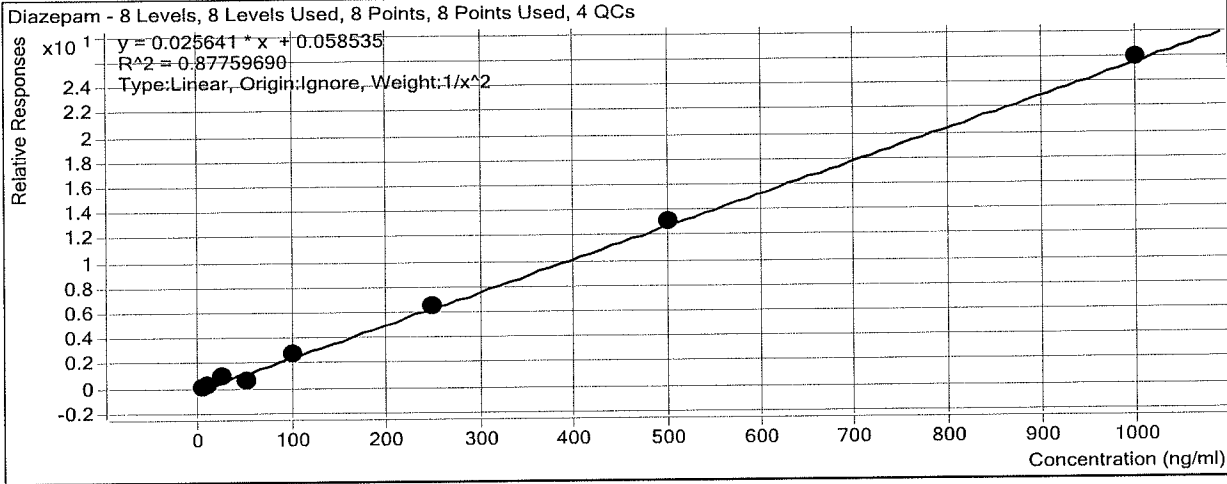
ISP TOX

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	5.4	108.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	6.8	67.5
b QC 10	2	<input checked="" type="checkbox"/>	10	7.5	74.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	40.6	162.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	26.0	52.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b qc 100	5	<input checked="" type="checkbox"/>	100	97.2	97.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.1	101.3
b QC 250	6	<input checked="" type="checkbox"/>	250	268.6	107.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.4	101.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.5	100.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1064.6	106.5

Not evaluated multiple peaks have the tops cut off.



ISP FORENSICS - Cd'A Instrument # 62340

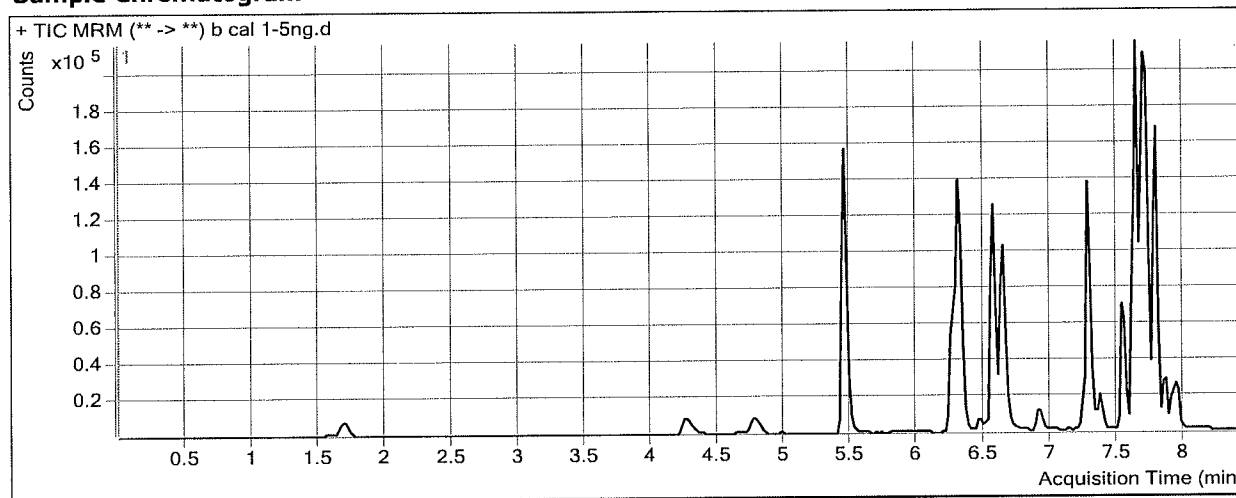
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 15:21 **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 P2-A1 **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	1.708	4129	38456	0.1074	5.3678
Dihydrocodeine	Dihydrocodeine-D6	4.331	4192	42738	0.0981	4.3487
Noroxycodone	Noroxycodone-D3	4.818	4085	36731	0.1112	5.1431
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	44127	431877	0.1022	5.0545
Benzoylcegonine	Benzoylcegonine-d8	6.052	306	3105	0.0987	5.3343
Ketamine	Ketamine-D4	6.279	19743	155515	0.1270	4.9999
Norfentanyl	Norfentanyl-D5	6.342	3674	366331	0.0100	0.7337
Cocaine	Cocaine-d3	6.549	35718	360368	0.0991	5.0776
alpha-PVP	alpha-PVP-d8	6.646	33762	272642	0.1238	5.1535
Mirtazapine	alpha-PVP-d8	6.900	26257	272642	0.0963	4.6469
Norbuprenorphine	Norbuprenorphine-D3	7.213	154	9750	0.0158	0.5581
Fentanyl	Fentanyl-D5	7.277	3960	350290	0.0113	0.6118
Mitragynine	Methadone-D9	7.334	7820	341727	0.0229	4.9399
EDDP	EDDP-D3	7.366	3166	35149	0.0901	6.2937
Quetiapine	Quetiapine-D8	7.537	38890	124927	0.3113	5.0209
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	16118	164932	0.0977	5.0370
Buprenorphine	Buprenorphine-D4	7.634	822	71007	0.0116	0.4646
Methadone	Methadone-D9	7.641	27971	341727	0.0819	5.5698
Fluoxetine	Fluoxetine-D6	7.702	42222	444394	0.0950	5.9003
Oxazepam	Oxazepam-D5	7.728	11824	104024	0.1137	5.2381
Sertraline	Sertraline-D3	7.764	10416	99913	0.1043	5.8571
Temazepam	Temazepam-D5	7.786	28350	269029	0.1054	5.1757
Nordiazepam	Nordiazepam-D5	7.874	9717	54295	0.1790	5.2394

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

b call

Compound	ISTD Compound	RT	Response	ISTD Resp'	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.928	11768	59652	0.1973	5.4105

GA

ISP FORENSICS - Cd'A Instrument # 62340

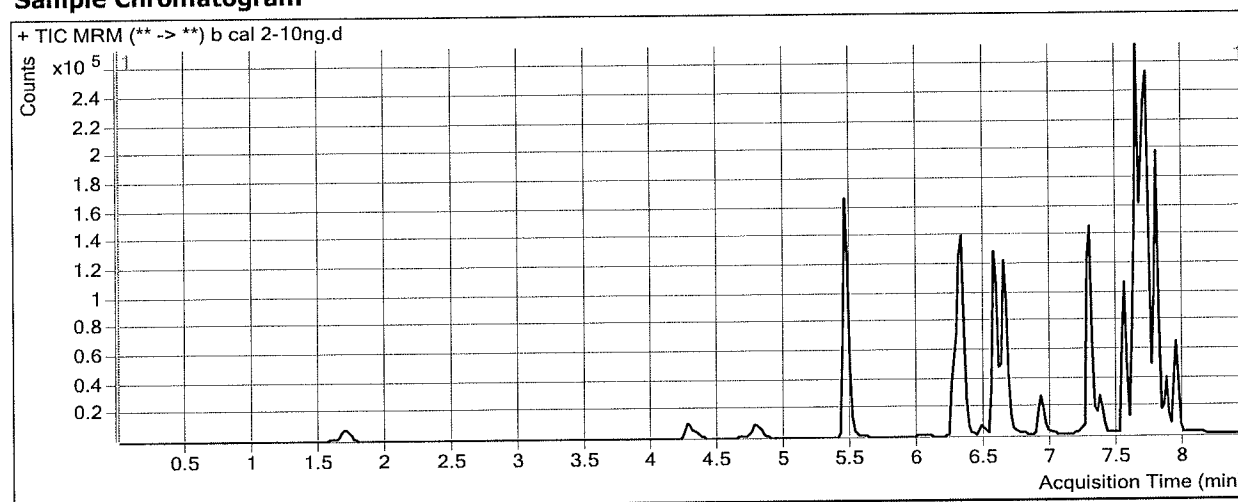
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 15:46 **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	1.708	8169	37307	0.2190	10.0328
Dihydrocodeine	Dihydrocodeine-D6	4.331	8267	42530	0.1944	9.3078
Noroxycodone	Noroxycodone-D3	4.818	7975	35158	0.2268	9.7486
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	85758	425059	0.2018	9.7378
Benzoylcegonine	Benzoylcegonine-d8	6.052	518	3193	0.1622	8.8718
Ketamine	Ketamine-D4	6.299	39494	155998	0.2532	9.9122
Norfentanyl	Norfentanyl-D5	6.342	7512	366304	0.0205	1.1527
Cocaine	Cocaine-d3	6.549	67071	344851	0.1945	9.7235
alpha-PVP	alpha-PVP-d8	6.646	63957	280054	0.2284	9.4230
Mirtazapine	alpha-PVP-d8	6.920	56744	280054	0.2026	11.6718
Norbuprenorphine	Norbuprenorphine-D3	7.233	238	10795	0.0220	0.8488
Fentanyl	Fentanyl-D5	7.277	7527	409624	0.0184	0.9194
Mitragynine	Methadone-D9	7.334	19090	372532	0.0512	10.4560
EDDP	EDDP-D3	7.386	7011	37589	0.1865	10.4188
Quetiapine	Quetiapine-D8	7.537	93406	135316	0.6903	10.0430
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	41223	187060	0.2204	10.1434
Buprenorphine	Buprenorphine-D4	7.654	1555	81799	0.0190	0.7851
Methadone	Methadone-D9	7.641	63066	372532	0.1693	10.3771
Fluoxetine	Fluoxetine-D6	7.702	86250	519039	0.1662	9.3316
Oxazepam	Oxazepam-D5	7.728	20955	108633	0.1929	9.2323
Sertraline	Sertraline-D3	7.764	25687	112455	0.2284	10.4135
Temazepam	Temazepam-D5	7.786	49274	231334	0.2130	10.0791
Nordiazepam	Nordiazepam-D5	7.874	17653	53440	0.3303	9.1240

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
Diazepam	Diazepam-D5	7.928	22140	95542	0.2317	6.7545



ISP FORENSICS - Cd'A Instrument # 62340

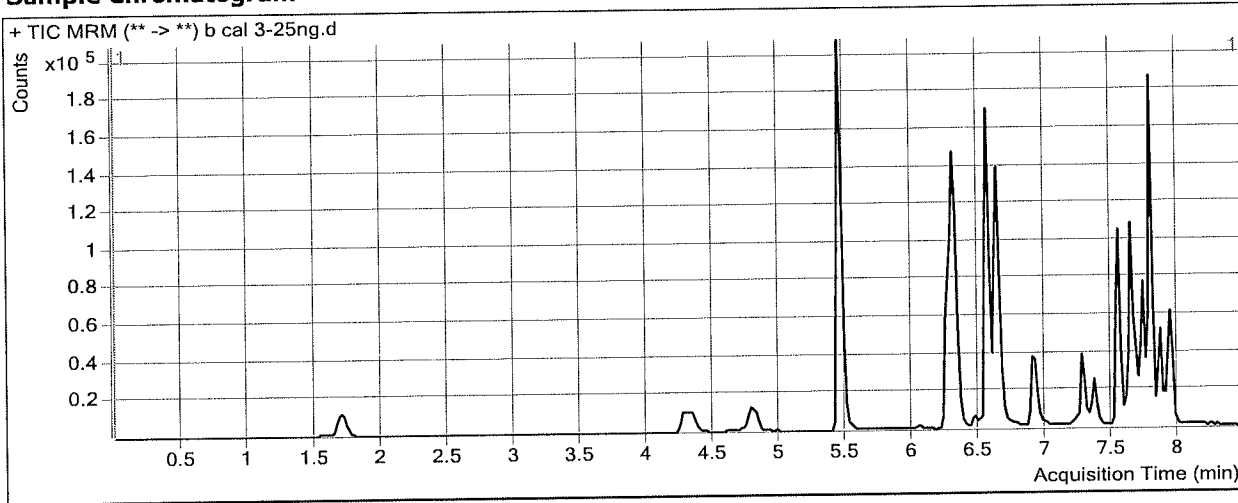
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 16:12 **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	1.708	20056	36166	0.5545	24.0577
Dihydrocodeine	Dihydrocodeine-D6	4.331	20313	40843	0.4974	24.9115
Noroxycodone	Noroxycodone-D3	4.818	18283	31676	0.5772	23.7047
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	211890	408797	0.5183	24.6261
Benzoylcegonine	Benzoylcegonine-d8	6.052	1232	2773	0.4442	24.5917
Ketamine	Ketamine-D4	6.279	87799	138519	0.6338	24.7288
Norfentanyl	Norfentanyl-D5	6.342	18426	329782	0.0559	2.5672
Cocaine	Cocaine-d3	6.549	157436	317909	0.4952	24.3720
alpha-PVP	alpha-PVP-d8	6.646	138893	234323	0.5927	24.3045
Mirtazapine	alpha-PVP-d8	6.920	82218	234323	0.3509	21.4679
Norbuprenorphine	Norbuprenorphine-D3	7.233	244	5537	0.0441	1.8802
Fentanyl	Fentanyl-D5	7.277	4138	88758	0.0466	2.1481
Mitragynine	Methadone-D9	7.334	12778	117413	0.1088	21.6564
EDDP	EDDP-D3	7.366	12576	26177	0.4804	22.9892
Quetiapine	Quetiapine-D8	7.537	114195	69175	1.6508	22.7719
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	9516	17215	0.5528	23.9840
Buprenorphine	Buprenorphine-D4	7.654	1894	28881	0.0656	2.7942
Methadone	Methadone-D9	7.641	46151	117413	0.3931	22.6800
Fluoxetine	Fluoxetine-D6	7.702	10423	23325	0.4469	22.8656
Oxazepam	Oxazepam-D5	7.728	50315	100963	0.4983	24.6299
Sertraline	Sertraline-D3	7.764	1687	2850	0.5920	23.7551
Temazepam	Temazepam-D5	7.786	115521	232524	0.4968	23.0101
Nordiazepam	Nordiazepam-D5	7.874	43929	47476	0.9253	24.3940

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

cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.928	55724	50688	1.0994	40.5920

[Signature]

ISP FORENSICS - Cd'A Instrument # 62340

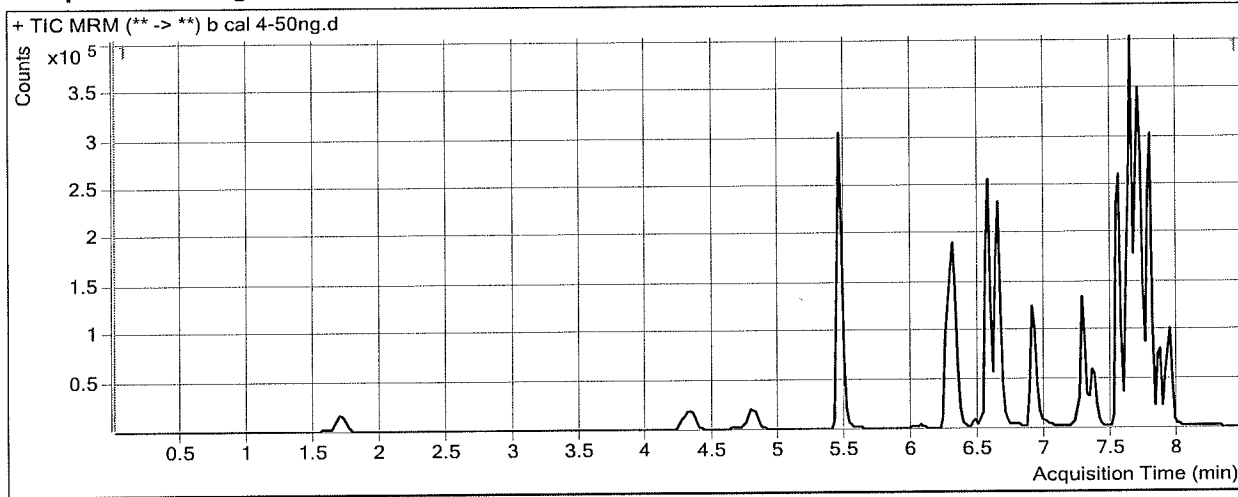
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 16:37 **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	1.708	43361	37715	1.1497	48.9329
Dihydrocodeine	Dihydrocodeine-D6	4.331	45267	43406	1.0429	53.0070
Noroxycodone	Noroxycodone-D3	4.818	40453	32852	1.2314	49.7644
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	467346	431387	1.0834	51.1997
Benzoylcegonine	Benzoylcegonine-d8	6.052	2683	3254	0.8245	45.7831
Ketamine	Ketamine-D4	6.279	206824	152935	1.3524	52.6949
Norfentanyl	Norfentanyl-D5	6.342	38108	353631	0.1078	4.6423
Cocaine	Cocaine-d3	6.549	354194	339020	1.0448	51.1401
alpha-PVP	alpha-PVP-d8	6.646	329880	261876	1.2597	51.5434
Mirtazapine	alpha-PVP-d8	6.900	235138	261876	0.8979	57.6130
Norbuprenorphine	Norbuprenorphine-D3	7.233	906	8229	0.1101	4.9692
Fentanyl	Fentanyl-D5	7.277	30868	284917	0.1083	4.8324
Mitragynine	Methadone-D9	7.334	82503	281256	0.2933	57.5440
EDDP	EDDP-D3	7.366	33754	30067	1.1226	50.4544
Quetiapine	Quetiapine-D8	7.537	410730	105408	3.8966	52.5320
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	152016	137621	1.1046	46.9595
Buprenorphine	Buprenorphine-D4	7.634	7998	66238	0.1208	5.1733
Methadone	Methadone-D9	7.641	233022	281256	0.8285	46.6207
Fluoxetine	Fluoxetine-D6	7.682	373811	362983	1.0298	50.9757
Oxazepam	Oxazepam-D5	7.728	83538	91618	0.9118	45.4719
Sertraline	Sertraline-D3	7.764	93519	77877	1.2008	46.0973
Temazepam	Temazepam-D5	7.786	234604	238140	0.9852	45.2597
Nordiazepam	Nordiazepam-D5	7.874	94718	48714	1.9444	50.5490



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

b cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	68149	93965	0.7253	26.0018



ISP FORENSICS - Cd'A Instrument # 62340

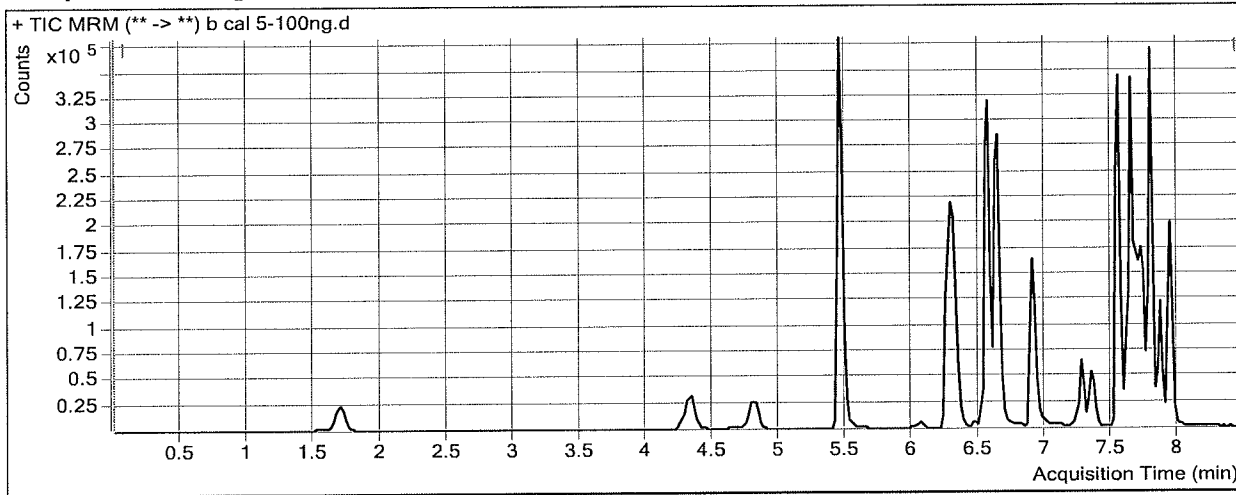
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 17:03 **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	1.708	70952	31238	2.2713	95.8097
Dihydrocodeine	Dihydrocodeine-D6	4.331	75550	35420	2.1330	109.1471
Noroxycodone	Noroxycodone-D3	4.818	65431	26354	2.4828	99.6155
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	771068	362399	2.1277	100.3141
Benzoylcegonine	Benzoylcegonine-d8	6.052	4772	2721	1.7537	97.5682
Ketamine	Ketamine-D4	6.279	341512	129712	2.6328	102.5328
Norfentanyl	Norfentanyl-D5	6.322	64208	283318	0.2266	9.3962
Cocaine	Cocaine-d3	6.549	578208	276671	2.0899	102.0480
alpha-PVP	alpha-PVP-d8	6.646	512333	209551	2.4449	99.9504
Mirtazapine	alpha-PVP-d8	6.900	335951	209551	1.6032	104.2164
Norbuprenorphine	Norbuprenorphine-D3	7.213	1065	4524	0.2353	10.8269
Fentanyl	Fentanyl-D5	7.257	25816	114796	0.2249	9.9015
Mitragynine	Methadone-D9	7.334	72081	138039	0.5222	102.0539
EDDP	EDDP-D3	7.366	33289	17991	1.8504	81.5803
Quetiapine	Quetiapine-D8	7.537	553608	71810	7.7094	103.0579
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	119483	51567	2.3170	97.4407
Buprenorphine	Buprenorphine-D4	7.654	8472	29672	0.2855	12.2803
Methadone	Methadone-D9	7.641	255598	138039	1.8516	102.8724
Fluoxetine	Fluoxetine-D6	7.702	243884	119149	2.0469	100.0168
Oxazepam	Oxazepam-D5	7.728	131486	67002	1.9624	98.4331
Sertraline	Sertraline-D3	7.764	57235	23550	2.4304	91.2152
Temazepam	Temazepam-D5	7.786	407021	168140	2.4207	110.6672
Nordiazepam	Nordiazepam-D5	7.874	144212	39159	3.6827	95.1627

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

b cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.929	204331	73668	2.7737	105.8893

ISP FORENSICS - Cd'A Instrument # 62340

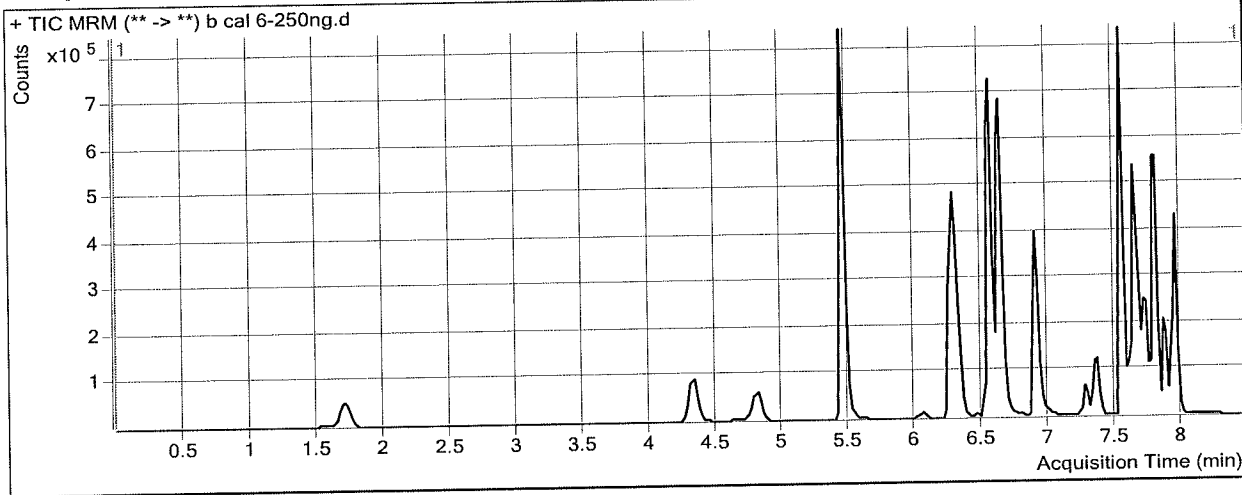
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 17:28 **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	1.708	199933	33058	6.0480	253.6555
Dihydrocodeine	Dihydrocodeine-D6	4.331	215190	41249	5.2169	267.9713
Noroxycodone	Noroxycodone-D3	4.818	167068	25736	6.4916	259.3063
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	2111928	393667	5.3648	252.5546
Benzoylcegonine	Benzoylcegonine-d8	6.052	14919	3090	4.8276	268.8802
Ketamine	Ketamine-D4	6.279	942366	144188	6.5357	254.4369
Norfentanyl	Norfentanyl-D5	6.322	178566	310282	0.5755	23.3485
Cocaine	Cocaine-d3	6.549	1551307	302874	5.1220	249.7417
alpha-PVP	alpha-PVP-d8	6.646	1440251	228986	6.2897	256.9778
Mirtazapine	alpha-PVP-d8	6.900	825433	228986	3.6047	236.4695
Norbuprenorphine	Norbuprenorphine-D3	7.213	2550	3625	0.7034	32.7207
Fentanyl	Fentanyl-D5	7.257	51152	87157	0.5869	25.6475
Mitragynine	Methadone-D9	7.334	164804	121462	1.3568	264.3962
EDDP	EDDP-D3	7.366	131674	19907	6.6144	285.3340
Quetiapine	Quetiapine-D8	7.537	1340753	68612	19.5411	259.8490
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	225887	36967	6.1105	255.3884
Buprenorphine	Buprenorphine-D4	7.654	15046	28470	0.5285	22.7589
Methadone	Methadone-D9	7.641	541895	121462	4.4614	246.3591
Fluoxetine	Fluoxetine-D6	7.702	369305	77443	4.7687	231.2597
Oxazepam	Oxazepam-D5	7.728	223831	39297	5.6958	286.6312
Sertraline	Sertraline-D3	7.785	101074	15665	6.4523	238.8027
Temazepam	Temazepam-D5	7.806	974152	175235	5.5591	253.6573
Nordiazepam	Nordiazepam-D5	7.874	309230	29130	10.6155	273.0951

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

b cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.949	545573	83306	6.5491	253.1266



ISP FORENSICS - Cd'A Instrument # 62340

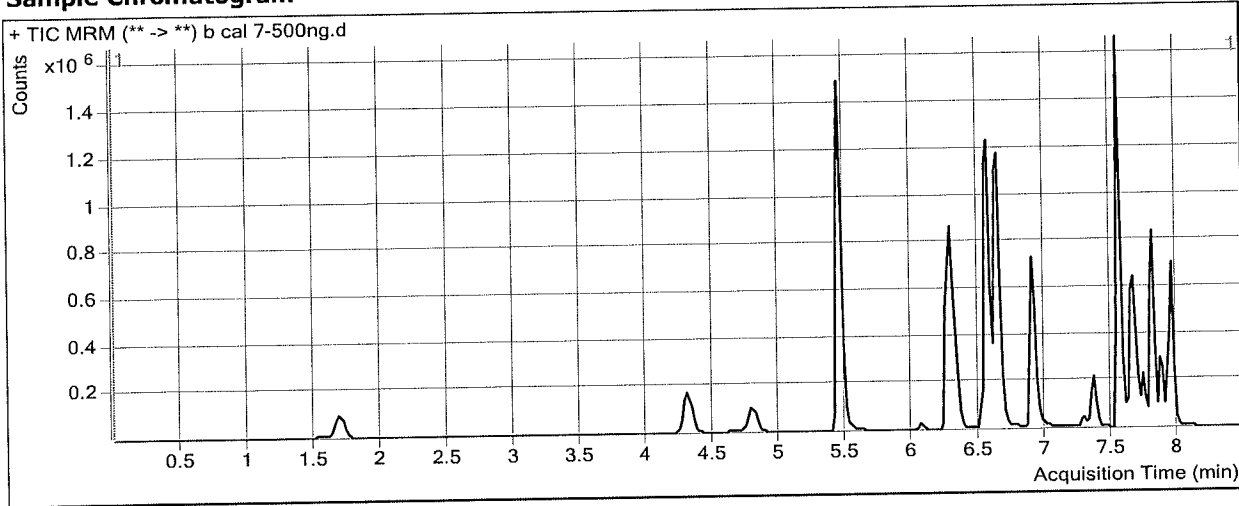
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin
Analysis Time 12/27/2018 9:02 AM **Analyst Name** ISP Tox
Report Time 12/27/2018 9:03 AM **Reporter Name** ISP Tox
Last Calib Update 12/27/2018 9:02 AM **Batch State** Processed

Analysis Info

Acq Time 2018-12-20 17:54 **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	1.708	371919	30692	12.1177	507.3379
Dihydrocodeine	Dihydrocodeine-D6	4.311	412950	41788	9.8820	508.2274
Noroxycodone	Noroxycodone-D3	4.798	286859	21715	13.2104	526.9510
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	4205857	398666	10.5498	496.4099
Benzoylcegonine	Benzoylcegonine-d8	6.052	34566	3516	9.8308	547.7121
Ketamine	Ketamine-D4	6.279	1800750	141609	12.7163	494.9975
Norfentanyl	Norfentanyl-D5	6.322	360935	293906	1.2281	49.4467
Cocaine	Cocaine-d3	6.549	2988957	286939	10.4167	507.6492
alpha-PVP	alpha-PVP-d8	6.646	2687953	214662	12.5218	511.5078
Mirtazapine	alpha-PVP-d8	6.900	1469949	214662	6.8477	450.7543
Norbuprenorphine	Norbuprenorphine-D3	7.233	3362	3282	1.0245	47.7422
Fentanyl	Fentanyl-D5	7.277	54252	45852	1.1832	51.5844
Mitragynine	Methadone-D9	7.334	196849	87998	2.2370	435.5850
EDDP	EDDP-D3	7.366	264961	21658	12.2337	525.6690
Quetiapine	Quetiapine-D8	7.537	2443656	68546	35.6497	473.3153
Cyclobenzaprine	Cyclobenzaprine-D3	7.630	164375	13510	12.1672	507.5655
Buprenorphine	Buprenorphine-D4	7.654	22158	19199	1.1541	49.7435
Methadone	Methadone-D9	7.661	781014	87998	8.8754	489.0378
Fluoxetine	Fluoxetine-D6	7.702	169763	16162	10.5038	507.7963
Oxazepam	Oxazepam-D5	7.728	283988	25481	11.1450	561.3196
Sertraline	Sertraline-D3	7.785	33136	2330	14.2205	523.8591
Temazepam	Temazepam-D5	7.806	1578375	138958	11.3586	517.8945
Nordiazepam	Nordiazepam-D5	7.874	467148	23141	20.1869	518.7450

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	7.949	973165	74169	13.1210	509.4282



ISP FORENSICS - Cd'A Instrument # 62340

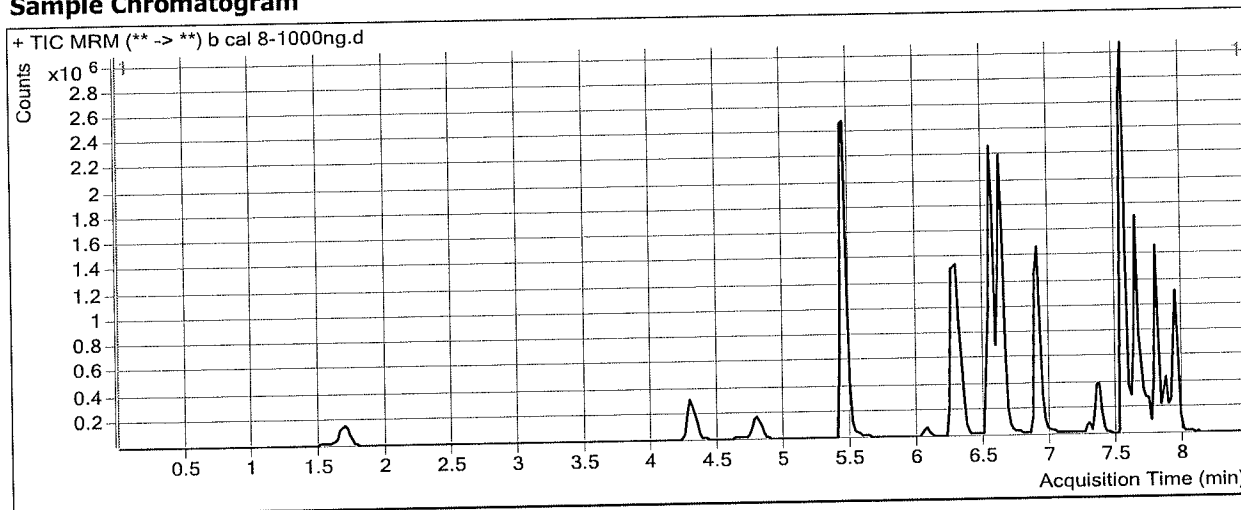
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\122018 mdq\QuantResults\mdqp1b.batch.bin		
Analysis Time	12/27/2018 9:02 AM	Analyst Name	ISP Tox
Report Time	12/27/2018 9:03 AM	Reporter Name	ISP Tox
Last Calib Update	12/27/2018 9:02 AM	Batch State	Processed

Analysis Info

Acq Time	2018-12-20 18:19	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	1.688	647161	27213	23.7811	994.8057
Dihydrocodeine	Dihydrocodeine-D6	4.291	767834	41030	18.7140	963.0793
Noroxycodone	Noroxycodone-D3	4.798	493973	20390	24.2261	965.7664
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	8208171	386088	21.2598	1000.1032
Benzoylcegonine	Benzoylcegonine-d8	6.052	90241	2922	30.8828	1720.9605
Ketamine	Ketamine-D4	6.259	3218417	134317	23.9614	932.6726
Norfentanyl	Norfentanyl-D5	6.322	710628	276963	2.5658	102.9464
Cocaine	Cocaine-d3	6.529	5390078	268058	20.1079	979.7091
alpha-PVP	alpha-PVP-d8	6.626	4866586	204186	23.8341	973.5227
Mirtazapine	alpha-PVP-d8	6.900	3104466	204186	15.2041	1002.9111
Norbuprenorphine	Norbuprenorphine-D3	7.213	7500	3714	2.0192	94.2716
Fentanyl	Fentanyl-D5	7.277	110459	48908	2.2585	98.3549
Mitragynine	Methadone-D9	7.334	383883	97218	3.9487	768.5148
EDDP	EDDP-D3	7.366	597431	25087	23.8148	1020.9818
Quetiapine	Quetiapine-D8	7.537	5856344	76647	76.4063	1013.4101
Cyclobenzaprine	Cyclobenzaprine-D3	7.610	382135	14902	25.6424	1068.6247
Buprenorphine	Buprenorphine-D4	7.654	35060	18106	1.9364	83.4821
Methadone	Methadone-D9	7.641	1795497	97218	18.4688	1016.4829
Fluoxetine	Fluoxetine-D6	7.682	397723	18978	20.9575	1011.8541
Oxazepam	Oxazepam-D5	7.728	319292	18259	17.4870	881.0181
Sertraline	Sertraline-D3	7.764	66517	3261	20.3998	750.6113
Temazepam	Temazepam-D5	7.786	2354000	110129	21.3750	974.2563
Nordiazepam	Nordiazepam-D5	7.874	713653	18866	37.8266	971.4720



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	7.928	1527238	58928	25.9171	1008.4697

