











Byylee

Worklist: 2627

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2018-1411	1	123962	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1413	1	123963	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1436	1	123964	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1446	1	123965	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1447	1	123966	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1455	1	123967	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1495	1	123968	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1510	1	123969	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1547	1	123970	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1548	1	123971	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

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

Extraction Date: 8/8/18

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-XXX ID: 62340

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 1926134** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **250µL 0.5M 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: 08082018 mdq Batch Name: p1a mdq, p1b mdq
- 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? See comments. Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: Limited curves: amphetamine 5-500, lorazepam 10-1000, Alprazolam 10-1000 (report qualitatively)

~~Norhydrocodone 5-500~~, benzoylcegonine 5-500, metoprolol 5-500, oxazepam 5-500, norfentanyl 1-100, nordiazepam 5-500, cyclobenzaprine 5-500, buprenorphine .5-50, 7-aminoclonazepam 5-500.

Did not evaluate QC 10 for diazepam and QC 100 for fluoxetine the qualifier peaks had the top cut off.

Did not evaluate morphine or alpha-hydroxyalprazolam.. Norhydrocodone -Not evaluated  8/17/18



Toxicology AM method 28 panel 1 external prep information

working solution 10000 ng/ml in meoh Lorazepam, alprazolam, diphenhydramine, methadone, sertraline
Stock solution 1mg/ml 100 ul each in 9500 ul meOH

Ppd 3/19/18 Exp: 3/19/19 lot 31919 by AMN

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

AM 28 control 50 ul working solution lot (31919) in 9950 ul blood lot (17J20718)

ppd 3/19/18 Exp 9/19/18 by AMN Concentration 50 ng/ml each lot 91918



ISP FORENSICS - Cd'A Instrument # 62340

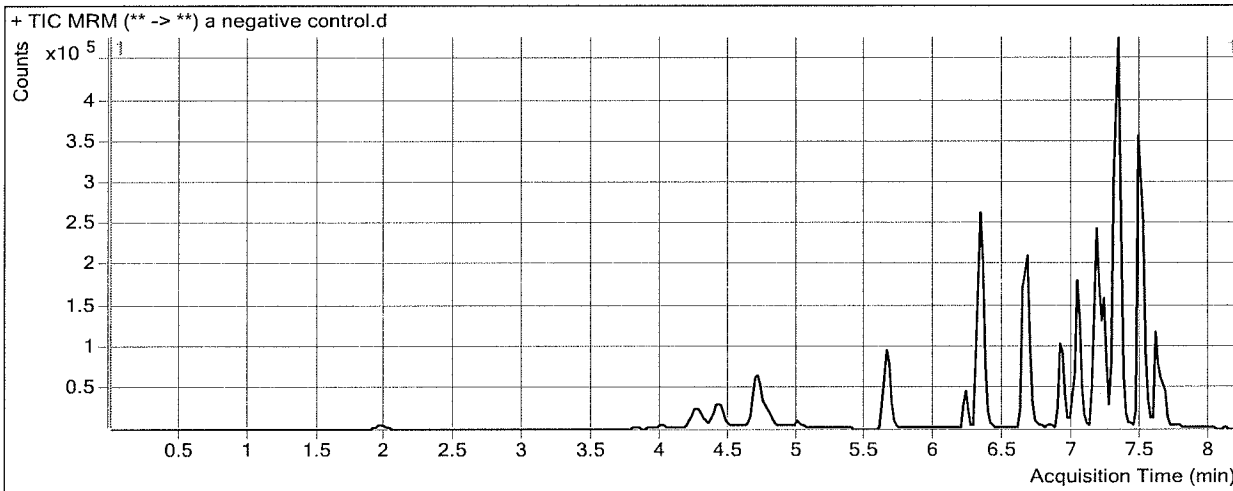
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 18:11 **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

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.507	8460	829125	0.0102	0.8580 <i>LS</i>

ISP FORENSICS - Cd'A Instrument # 62340

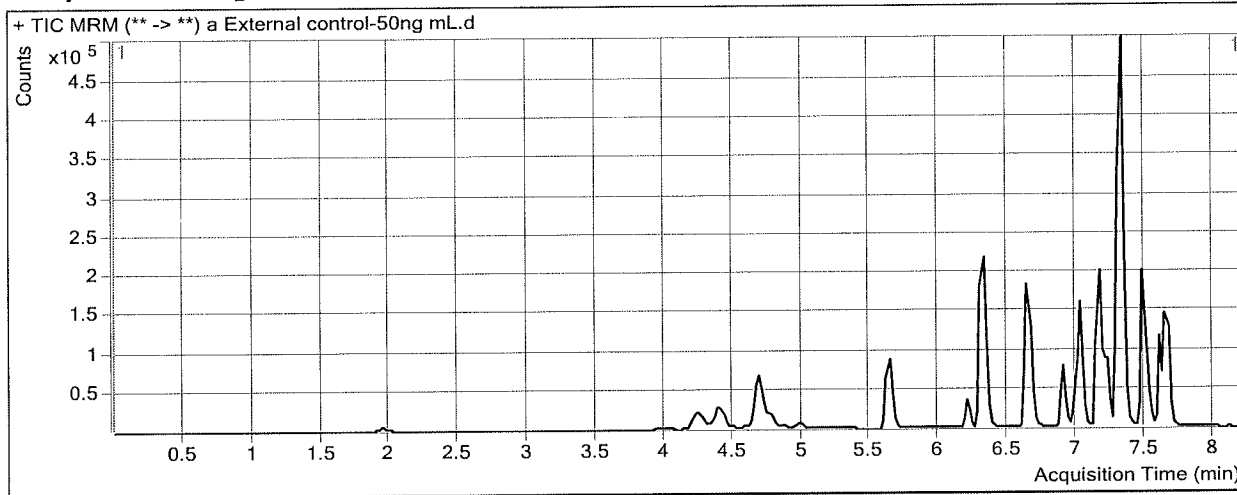
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 18:36 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
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	4.383	23824	86652	0.2749	2.4967 <i>< 5</i>
Diphenhydramine	Diphenhydramine-D3	7.332	440805	483514	0.9117	40.1978
Lorazepam	Clonazepam-D4	7.643	37612	31064	1.2108	46.3678
Alprazolam	Alprazolam-D5	7.667	109016	96130	1.1340	42.2242

ISP FORENSICS - Cd'A Instrument # 62340

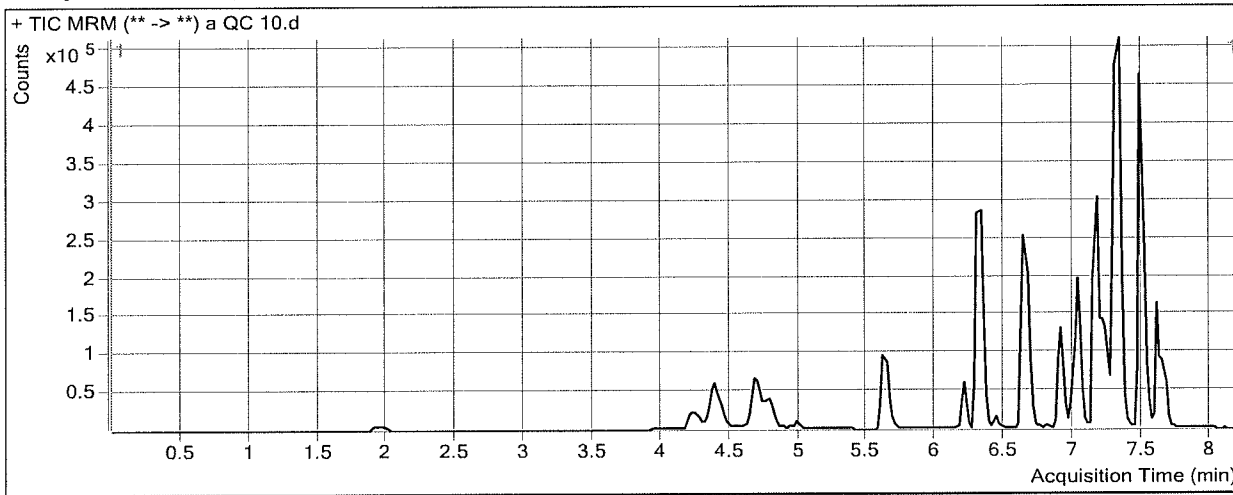
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 19:02 **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	1.328	1899	1346	1.4111	11.1012 <i>not evaluated</i>
Hydromorphone	Hydromorphone-D6	1.969	9432	31369	0.3007	10.3485
Codeine	Codeine-D6	4.056	4259	17309	0.2460	9.7206
Amphetamine	Amphetamine-D11	4.383	96262	108052	0.8909	10.1796
Oxycodone	Oxycodone-D6	4.449	29872	121276	0.2463	11.2061
Norhydrocodone	Norhydrocodone-D3	4.799	1069	32663	0.0327	9.7628 <i>not evaluated 8/17/18</i>
Hydrocodone	Hydrocodone-D6	4.754	16610	87418	0.1900	10.0879
Methamphetamine	Methamphetamine-D11	4.802	67420	228682	0.2948	9.1365
6-MAM	6-MAM-D6	4.988	605	20619	0.0294	1.0222
Phentermine	Phentermine-D5	5.686	21616	329628	0.0656	9.9279
Dextroprphan	Dextroprphan-D3	6.204	16946	125692	0.1348	9.7932
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	23265	87458	0.2660	10.3009
Tramadol	Tramadol-13C-D3	6.323	154346	696964	0.2215	10.6255
Doxylamine	Doxylamine-D5	6.662	124577	639334	0.1949	9.9797
Metoprolol	Oxycodone-D6	6.437	20654	121276	0.1703	10.2110
Bupropion	Bupropion-D9	6.930	77395	317808	0.2435	10.0510
Meprobamate	Meprobamate-D7	7.012	12367	78854	0.1568	10.6603
Zolpidem	Zolpidem-D6	7.041	80631	448029	0.1800	9.5260
Venlafaxine	Venlafaxine-D6	7.165	157002	637836	0.2461	10.3153
Trazodone	Trazodone-D6	7.256	84385	362595	0.2327	10.2168
Citalopram	Citalopram-D6	7.298	107905	480841	0.2244	10.0721
Dextromethorphan	Dextromethorphan-D3	7.309	23996	114842	0.2089	10.0214
Diphenhydramine	Diphenhydramine-D3	7.332	159041	753385	0.2111	9.1306

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

Pla QC 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	156172	815180	0.1916	10.1247
Clonazepam	Clonazepam-D4	7.523	25880	32471	0.7970	11.2653
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	2082	9308	0.2237	13.9922
Carisoprodol	Carisoprodol-D7	7.612	40940	242525	0.1688	10.6854
Lorazepam	Clonazepam-D4	7.643	9145	32471	0.2816	10.1005
Alprazolam	Alprazolam-D5	7.667	27989	106458	0.2629	10.7586

Not evaluated

ISP FORENSICS - Cd'A Instrument # 62340

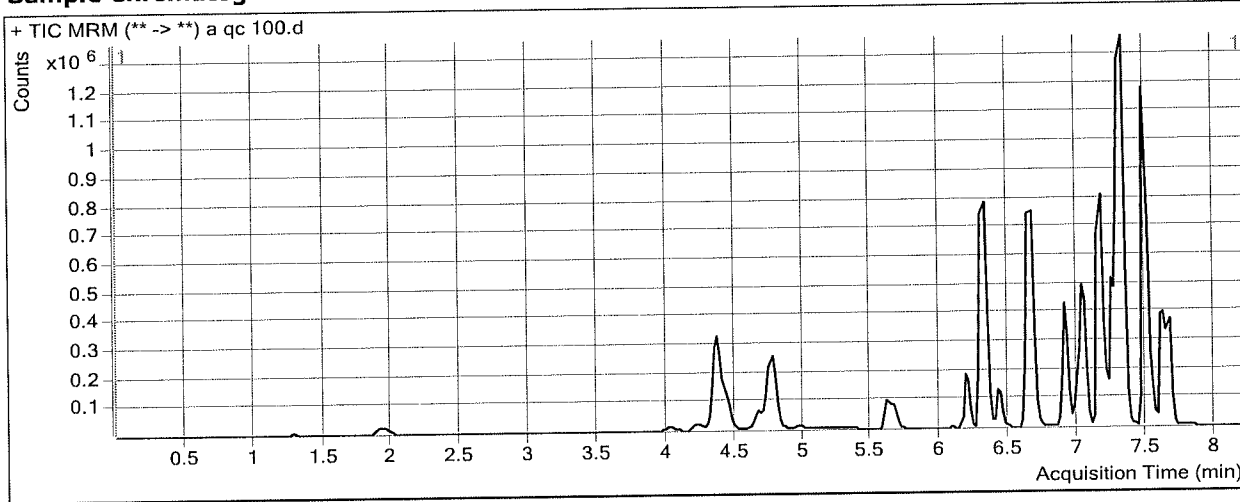
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 22:50 **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	1.308	15828	1223	12.9399	101.0278 <i>not evaluated st</i>
Hydromorphone	Hydromorphone-D6	1.949	80509	26240	3.0682	102.5168
Codeine	Codeine-D6	4.056	39269	14391	2.7287	98.0598
Amphetamine	Amphetamine-D11	4.383	890637	101616	8.7648	108.3921
Oxycodone	Oxycodone-D6	4.429	256203	102192	2.5071	107.9604
Norhydrocodone	Norhydrocodone-D3	4.779	9766	25928	0.3767	97.3434 <i>not evaluated 8/17/18</i>
Hydrocodone	Hydrocodone-D6	4.734	150392	76638	1.9624	110.6443
Methamphetamine	Methamphetamine-D11	4.782	614869	204925	3.0005	99.7728
6-MAM	6-MAM-D6	4.988	5284	18262	0.2893	9.3494
Phentermine	Phentermine-D5	5.666	210805	301275	0.6997	105.3494
Dextroprphan	Dextroprphan-D3	6.184	177688	117266	1.5153	102.4162
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	232393	86152	2.6975	101.0158
Tramadol	Tramadol-13C-D3	6.323	1485173	671775	2.2108	107.6159
Doxylamine	Doxylamine-D5	6.662	1209664	611877	1.9770	99.0542
Metoprolol	Oxycodone-D6	6.437	199554	102192	1.9527	117.5491
Bupropion	Bupropion-D9	6.910	707566	277303	2.5516	102.8683
Meprobamate	Meprobamate-D7	7.012	150271	87943	1.7087	112.1784
Zolpidem	Zolpidem-D6	7.041	779195	411022	1.8957	104.2931
Venlafaxine	Venlafaxine-D6	7.165	1474683	590853	2.4959	107.8401
Trazodone	Trazodone-D6	7.236	823327	337586	2.4389	107.4402
Citalopram	Citalopram-D6	7.298	951512	411464	2.3125	103.0015
Dextromethorphan	Dextromethorphan-D3	7.309	219069	88077	2.4872	109.7328
Diphenhydramine	Diphenhydramine-D3	7.332	1497254	656105	2.2820	100.9677

ISP FORENSICS - Cd'A Instrument # 62340 *pla qc 100*
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	1474829	746408	1.9759	101.2877
Clonazepam	Clonazepam-D4	7.543	202783	24155	8.3949	111.9002
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.581	31212	22792	1.3694	40.0517 <i>not evaluated</i>
Carisoprodol	Carisoprodol-D7	7.635	363532	195805	1.8566	108.8016
Lorazepam	Clonazepam-D4	7.643	72751	24155	3.0118	116.6649
Alprazolam	Alprazolam-D5	7.667	332851	123048	2.7051	98.9696



ISP FORENSICS - Cd'A Instrument # 62340

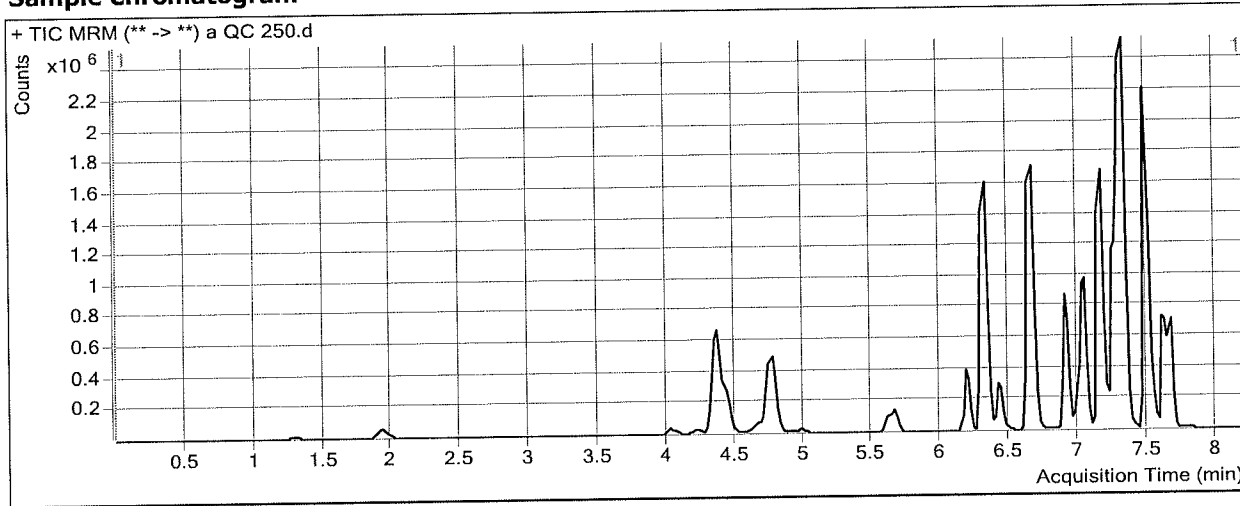
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin	Analyst Name	ISP Tox
Analysis Time	8/9/2018 1:10 PM	Reporter Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Batch State	Processed
Last Calib Update	8/9/2018 1:10 PM		

Analysis Info

Acq Time	2018-08-08 23:15	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	1.308	39826	1150	34.6447	270.3276 <i>not evaluated</i>
Hydromorphone	Hydromorphone-D6	1.949	201371	25282	7.9650	265.6007
Codeine	Codeine-D6	4.036	94983	13315	7.1333	254.7875
Amphetamine	Amphetamine-D11	4.383	1878233	94921	19.7873	245.8783
Oxycodone	Oxycodone-D6	4.429	596891	94122	6.3417	272.0714
Norhydrocodone	Norhydrocodone-D3	4.779	25177	24448	1.0298	263.6641 <i>not evaluated AMN 8/17/18</i>
Hydrocodone	Hydrocodone-D6	4.734	367604	75812	4.8489	274.4141
Methamphetamine	Methamphetamine-D11	4.782	1186485	163785	7.2442	241.9336
6-MAM	6-MAM-D6	4.988	14777	17693	0.8352	26.8339
Phentermine	Phentermine-D5	5.666	448580	268890	1.6683	251.0943
Dextroprphan	Dextroprphan-D3	6.184	432851	112710	3.8404	258.4250
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	517495	80880	6.3983	239.0889
Tramadol	Tramadol-13C-D3	6.323	3561562	693124	5.1384	250.3494
Doxylamine	Doxylamine-D5	6.662	3050325	582868	5.2333	261.8129
Metoprolol	Oxycodone-D6	6.417	473247	94122	5.0280	302.7427
Bupropion	Bupropion-D9	6.910	1659556	259449	6.3965	257.4866
Meprobamate	Meprobamate-D7	7.012	316152	79355	3.9840	261.0180
Zolpidem	Zolpidem-D6	7.041	1938513	408930	4.7405	261.4136
Venlafaxine	Venlafaxine-D6	7.165	3659466	575666	6.3569	275.2175
Trazodone	Trazodone-D6	7.256	1910847	336032	5.6865	250.5617
Citalopram	Citalopram-D6	7.278	2068229	358166	5.7745	257.0757
Dextromethorphan	Dextromethorphan-D3	7.309	531021	90862	5.8442	256.6553
Diphenhydramine	Diphenhydramine-D3	7.332	3412893	610071	5.5943	247.8508

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

pl/a QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	3408774	667353	5.1079	261.3054
Clonazepam	Clonazepam-D4	7.543	368854	17841	20.6743	274.5419
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	105857	17389	6.0876	147.3656 <i>Not evaluated</i>
Carisoprodol	Carisoprodol-D7	7.635	741115	164928	4.4936	262.0955
Lorazepam	Clonazepam-D4	7.643	113410	17841	6.3566	247.2211
Alprazolam	Alprazolam-D5	7.667	728503	102414	7.1133	258.1962

ISP FORENSICS - Cd'A Instrument # 62340

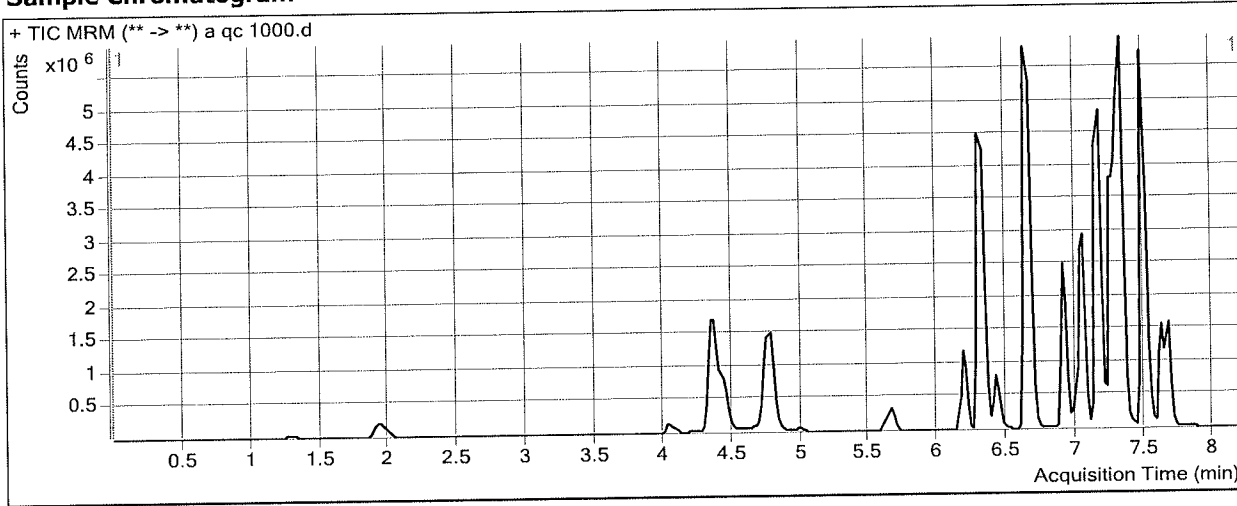
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 23:40 **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	1.308	139937	1004	139.4443	1087.7771 <i>Not evaluated</i>
Hydromorphone	Hydromorphone-D6	1.949	723879	23547	30.7417	1024.1515
Codeine	Codeine-D6	4.056	310621	11062	28.0800	1000.1275
Amphetamine	Amphetamine-D11	4.363	4675172	87608	53.3644	664.6930 *
Oxycodone	Oxycodone-D6	4.429	2053532	91315	22.4884	963.1068
Norhydrocodone	Norhydrocodone-D3	4.779	97272	17673	5.5039	1402.9313 * <i>Not evaluated am 8/17/18 *</i>
Hydrocodone	Hydrocodone-D6	4.734	1187748	75406	15.7514	892.9731
Methamphetamine	Methamphetamine-D11	4.782	3789496	157462	24.0662	805.4550
6-MAM	6-MAM-D6	4.988	55709	18729	2.9745	95.3582
Phentermine	Phentermine-D5	5.666	1215257	226665	5.3615	806.8330
Dextrophan	Dextrophan-D3	6.184	1482324	100992	14.6777	985.5736
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	1254193	65019	19.2897	720.0541 *
Tramadol	Tramadol-13C-D3	6.303	11838808	587561	20.1491	982.1860
Doxylamine	Doxylamine-D5	6.640	10949168	601118	18.2147	910.6521
Metoprolol	Oxycodone-D6	6.417	1321116	91315	14.4677	871.1964
Bupropion	Bupropion-D9	6.910	4983131	218988	22.7553	915.3427
Meprobamate	Meprobamate-D7	7.012	826929	63950	12.9309	846.2861
Zolpidem	Zolpidem-D6	7.041	6590879	384358	17.1478	946.7026
Venlafaxine	Venlafaxine-D6	7.165	12221420	527395	23.1732	1004.2009
Trazodone	Trazodone-D6	7.236	6201174	331039	18.7324	825.4881
Citalopram	Citalopram-D6	7.278	4708324	224255	20.9954	934.4741
Dextromethorphan	Dextromethorphan-D3	7.309	1428777	53860	26.5278	1161.8934
Diphenhydramine	Diphenhydramine-D3	7.332	9806884	461321	21.2583	942.4852

* outside curve range

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

Pla QC 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	10288032	576760	17.8376	911.6810
Clonazepam	Clonazepam-D4	7.543	637067	8767	72.6688	963.2128
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.621	138802	11039	12.5732	294.8815 <i>Not evaluated</i>
Carisoprodol	Carisoprodol-D7	7.635	1616574	93861	17.2231	1002.0982
Lorazepam	Clonazepam-D4	7.663	120591	8767	13.7556	536.0170
Alprazolam	Alprazolam-D5	7.667	1854168	68570	27.0405	977.9738



ISP FORENSICS - Cd'A Instrument # 62340

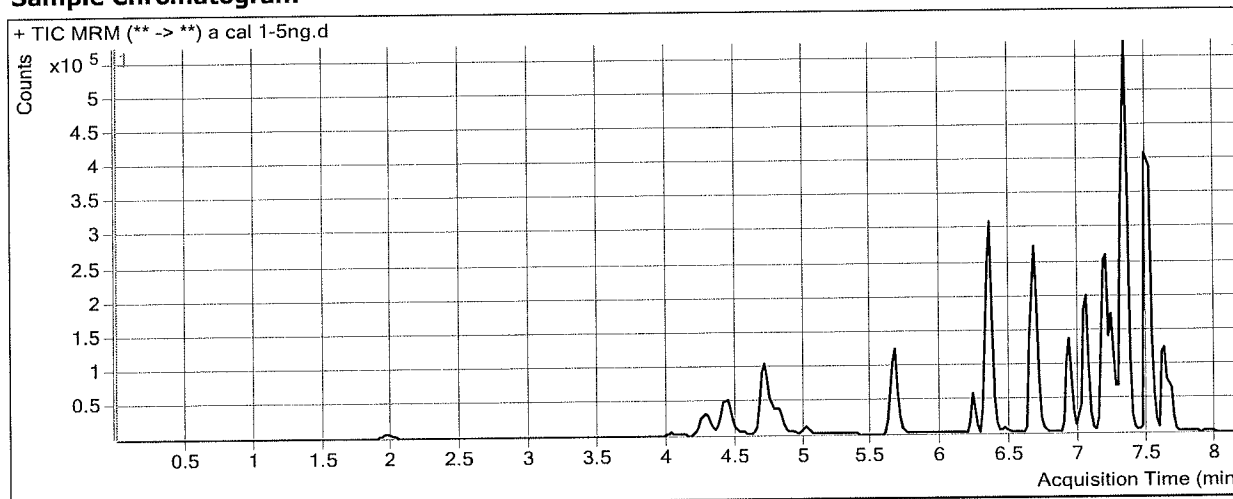
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 14:35 **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	1.328	1037	1550	0.6690	5.3130
Hydromorphone	Hydromorphone-D6	1.969	4943	34226	0.1444	5.1439
Codeine	Codeine-D6	4.095	2312	19264	0.1200	5.2367
Amphetamine	Amphetamine-D11	4.423	65518	139640	0.4692	4.9197
Oxycodone	Oxycodone-D6	4.489	13732	130510	0.1052	5.1676
Norhydrocodone	Norhydrocodone-D3	4.838	571	37965	0.0150	5.2594
Hydrocodone	Hydrocodone-D6	4.794	8563	98250	0.0872	4.2526
Methamphetamine	Methamphetamine-D11	4.821	62610	395596	0.1583	4.5622
6-MAM	6-MAM-D6	5.028	300	22645	0.0133	0.5067
Phentermine	Phentermine-D5	5.706	13444	417979	0.0322	4.9001
Dextrorphan	Dextrorphan-D3	6.224	9074	138610	0.0655	5.1392
7-aminoclonazepam	7-Aminoclonazepam-D4	6.352	12519	100888	0.1241	5.0059
Tramadol	Tramadol-13C-D3	6.341	80681	775841	0.1040	4.8987
Doxylamine	Doxylamine-D5	6.682	70704	746855	0.0947	4.9722
Metoprolol	Oxycodone-D6	6.457	11089	130510	0.0850	5.0717
Bupropion	Bupropion-D9	6.951	44316	377470	0.1174	4.9791
Meprobamate	Meprobamate-D7	7.033	5933	90767	0.0654	4.6767
Zolpidem	Zolpidem-D6	7.061	40477	507289	0.0798	3.9929
Venlafaxine	Venlafaxine-D6	7.185	77170	708862	0.1089	4.3641
Trazodone	Trazodone-D6	7.256	46726	406408	0.1150	5.0275
Citalopram	Citalopram-D6	7.298	57390	513735	0.1117	5.0565
Dextromethorphan	Dextromethorphan-D3	7.329	12531	130907	0.0957	5.0660
Diphenhydramine	Diphenhydramine-D3	7.332	90153	857761	0.1051	4.4300

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

Placal

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	95238	1026705	0.0928	5.0759
Clonazepam	Clonazepam-D4	7.543	13596	38717	0.3512	5.3599
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.621	473	10400	0.0455	9.9385
Carisoprodol	Carisoprodol-D7	7.635	21763	283209	0.0768	5.3394
Lorazepam	Clonazepam-D4	7.643	5156	38717	0.1332	4.3062
Alprazolam	Alprazolam-D5	7.667	14339	120686	0.1188	5.5536



ISP FORENSICS - Cd'A Instrument # 62340

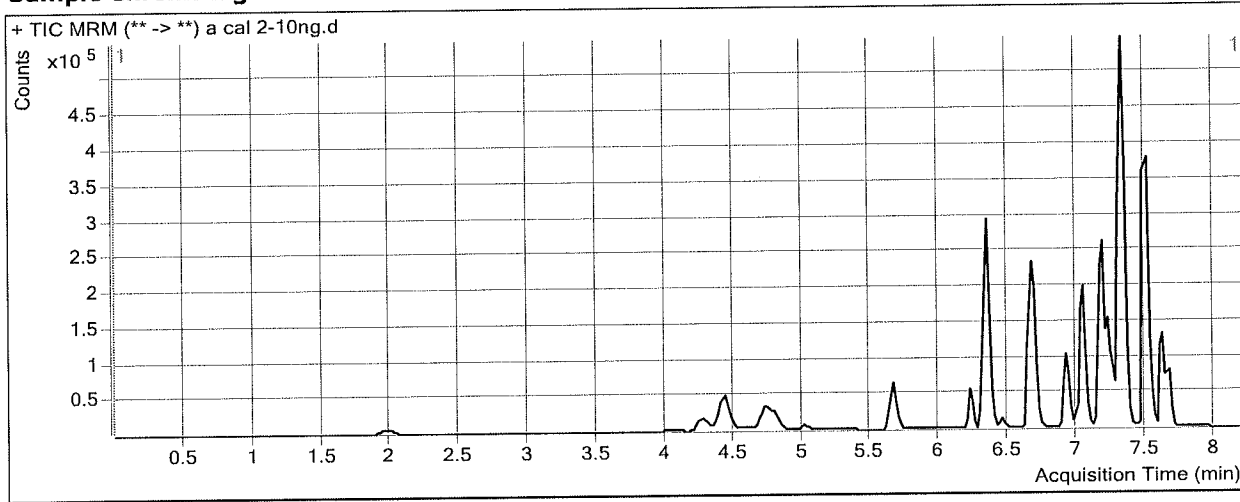
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Analysis Time 8/9/2018 1:10 PM **Analyst Name** ISP Tox
Report Time 8/9/2018 1:12 PM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 1:10 PM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 15:00 **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	1.328	1833	1429	1.2832	10.1040
Hydromorphone	Hydromorphone-D6	2.009	8409	30590	0.2749	9.4896
Codeine	Codeine-D6	4.095	4429	17344	0.2554	10.0534
Amphetamine	Amphetamine-D11	4.423	58575	67706	0.8651	9.8584
Oxycodone	Oxycodone-D6	4.489	23378	115566	0.2023	9.3218
Norhydrocodone	Norhydrocodone-D3	4.838	1054	31867	0.0331	9.8540
Hydrocodone	Hydrocodone-D6	4.794	15014	90343	0.1662	8.7369
Methamphetamine	Methamphetamine-D11	4.821	21456	56840	0.3775	11.9058
6-MAM	6-MAM-D6	5.028	644	20164	0.0319	1.1044
Phentermine	Phentermine-D5	5.706	14070	209563	0.0671	10.1628
Dextroprphan	Dextroprphan-D3	6.224	16015	120774	0.1326	9.6440
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	20972	81625	0.2569	9.9622
Tramadol	Tramadol-13C-D3	6.341	138572	657780	0.2107	10.0995
Doxylamine	Doxylamine-D5	6.682	117352	609678	0.1925	9.8611
Metoprolol	Oxycodone-D6	6.457	18777	115566	0.1625	9.7398
Bupropion	Bupropion-D9	6.951	62414	251478	0.2482	10.2384
Meprobamate	Meprobamate-D7	7.053	13556	83506	0.1623	11.0202
Zolpidem	Zolpidem-D6	7.061	80767	441122	0.1831	9.6987
Venlafaxine	Venlafaxine-D6	7.185	139368	605262	0.2303	9.6266
Trazodone	Trazodone-D6	7.256	77366	349323	0.2215	9.7209
Citalopram	Citalopram-D6	7.298	97067	443167	0.2190	9.8327
Dextromethorphan	Dextromethorphan-D3	7.329	23096	112393	0.2055	9.8701
Diphenhydramine	Diphenhydramine-D3	7.332	161700	723901	0.2234	9.6748

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

placal2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.507	158771	866421	0.1832	9.6991
Clonazepam	Clonazepam-D4	7.543	20007	32905	0.6080	8.7622
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	1851	8237	0.2247	14.0137
Carisoprodol	Carisoprodol-D7	7.635	35079	256081	0.1370	8.8355
Lorazepam	Clonazepam-D4	7.643	9090	32905	0.2763	9.8914
Alprazolam	Alprazolam-D5	7.667	25537	105945	0.2410	9.9686



ISP FORENSICS - Cd'A Instrument # 62340

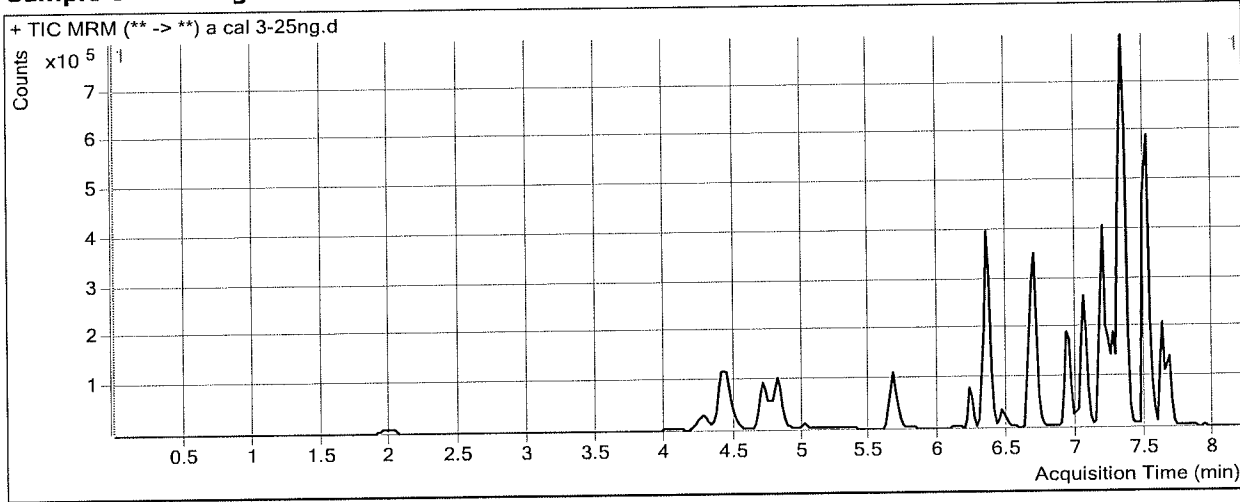
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 15:25	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	1.328	4647	1583	2.9356	22.9928
Hydromorphone	Hydromorphone-D6	1.989	23522	33059	0.7115	24.0303
Codeine	Codeine-D6	4.095	11367	17925	0.6341	23.5300
Amphetamine	Amphetamine-D11	4.423	273254	120939	2.2594	27.2499
Oxycodone	Oxycodone-D6	4.489	71127	123624	0.5753	25.2877
Norhydrocodone	Norhydrocodone-D3	4.838	2717	36038	0.0754	20.6332
Hydrocodone	Hydrocodone-D6	4.794	43623	95650	0.4561	25.1834
Methamphetamine	Methamphetamine-D11	4.821	241687	330085	0.7322	23.7883
6-MAM	6-MAM-D6	5.028	1623	21742	0.0747	2.4733
Phentermine	Phentermine-D5	5.706	63592	367585	0.1730	26.0925
Dextroprphan	Dextroprphan-D3	6.224	44856	130281	0.3443	23.8486
7-aminoclonazepam	7-Aminoclonazepam-D4	6.352	61371	93498	0.6564	24.8654
Tramadol	Tramadol-13C-D3	6.361	377005	708380	0.5322	25.7760
Doxylamine	Doxylamine-D5	6.682	346996	669863	0.5180	26.1317
Metoprolol	Oxycodone-D6	6.457	50391	123624	0.4076	24.5018
Bupropion	Bupropion-D9	6.951	212059	351674	0.6030	24.5069
Meprobamate	Meprobamate-D7	7.053	33215	82128	0.4044	26.8570
Zolpidem	Zolpidem-D6	7.061	214783	456052	0.4710	25.5984
Venlafaxine	Venlafaxine-D6	7.185	388609	660769	0.5881	25.1396
Trazodone	Trazodone-D6	7.256	225566	390961	0.5770	25.3867
Citalopram	Citalopram-D6	7.298	274772	491216	0.5594	24.9793
Dextromethorphan	Dextromethorphan-D3	7.329	65345	123517	0.5290	24.0305
Diphenhydramine	Diphenhydramine-D3	7.352	456513	817789	0.5582	24.5242

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

placal3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.507	470115	994884	0.4725	24.4789
Clonazepam	Clonazepam-D4	7.543	58740	35729	1.6440	22.4843
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	4698	8654	0.5429	21.2516
Carisoprodol	Carisoprodol-D7	7.635	98414	254778	0.3863	23.3274
Lorazepam	Clonazepam-D4	7.643	24302	35729	0.6802	25.6566
Alprazolam	Alprazolam-D5	7.667	70645	105719	0.6682	25.3990



ISP FORENSICS - Cd'A Instrument # 62340

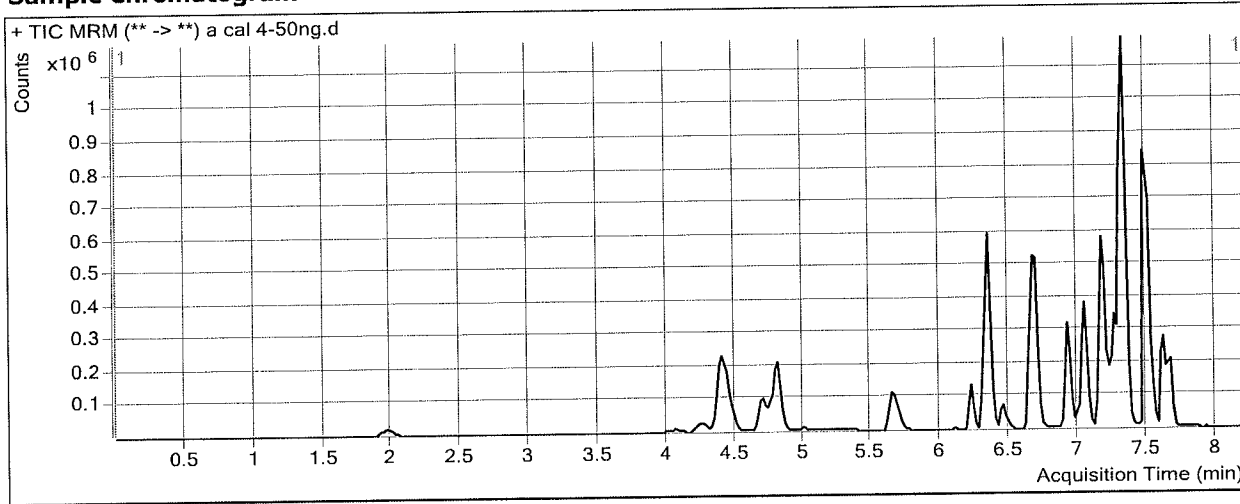
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 15:51	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	1.328	10223	1563	6.5390	51.0994
Hydromorphone	Hydromorphone-D6	1.989	54019	34783	1.5531	52.0571
Codeine	Codeine-D6	4.076	24437	18112	1.3492	48.9749
Amphetamine	Amphetamine-D11	4.423	582956	129672	4.4956	55.1423
Oxycodone	Oxycodone-D6	4.469	150387	129549	1.1609	50.3457
Norhydrocodone	Norhydrocodone-D3	4.818	5940	36076	0.1647	43.3612
Hydrocodone	Hydrocodone-D6	4.774	92585	98340	0.9415	52.7233
Methamphetamine	Methamphetamine-D11	4.821	546571	347679	1.5721	51.9229
6-MAM	6-MAM-D6	5.028	3280	21805	0.1504	4.8998
Phentermine	Phentermine-D5	5.706	135514	396829	0.3415	51.4467
Dextroprphan	Dextroprphan-D3	6.224	95763	133539	0.7171	48.8633
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	129457	95864	1.3504	50.7594
Tramadol	Tramadol-13C-D3	6.341	821032	749661	1.0952	53.2247
Doxylamine	Doxylamine-D5	6.682	720833	696543	1.0349	51.9657
Metoprolol	Oxycodone-D6	6.457	110691	129549	0.8544	51.4090
Bupropion	Bupropion-D9	6.930	431353	361223	1.1941	48.2794
Meprobamate	Meprobamate-D7	7.033	62877	83253	0.7553	49.8067
Zolpidem	Zolpidem-D6	7.041	464999	474965	0.9790	53.6596
Venlafaxine	Venlafaxine-D6	7.165	812361	684739	1.1864	51.0743
Trazodone	Trazodone-D6	7.256	467784	401879	1.1640	51.2572
Citalopram	Citalopram-D6	7.298	529712	491245	1.0783	48.0743
Dextromethorphan	Dextromethorphan-D3	7.309	138229	124349	1.1116	49.5277
Diphenhydramine	Diphenhydramine-D3	7.332	932992	784216	1.1897	52.5279

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

Placal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	979525	968721	1.0112	51.9977
Clonazepam	Clonazepam-D4	7.543	127742	32089	3.9808	53.4354
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	9997	9334	1.0711	33.2654
Carisoprodol	Carisoprodol-D7	7.635	213700	248321	0.8606	50.8999
Lorazepam	Clonazepam-D4	7.643	42357	32089	1.3200	50.6299
Alprazolam	Alprazolam-D5	7.667	145829	108974	1.3382	49.5983



ISP FORENSICS - Cd'A Instrument # 62340

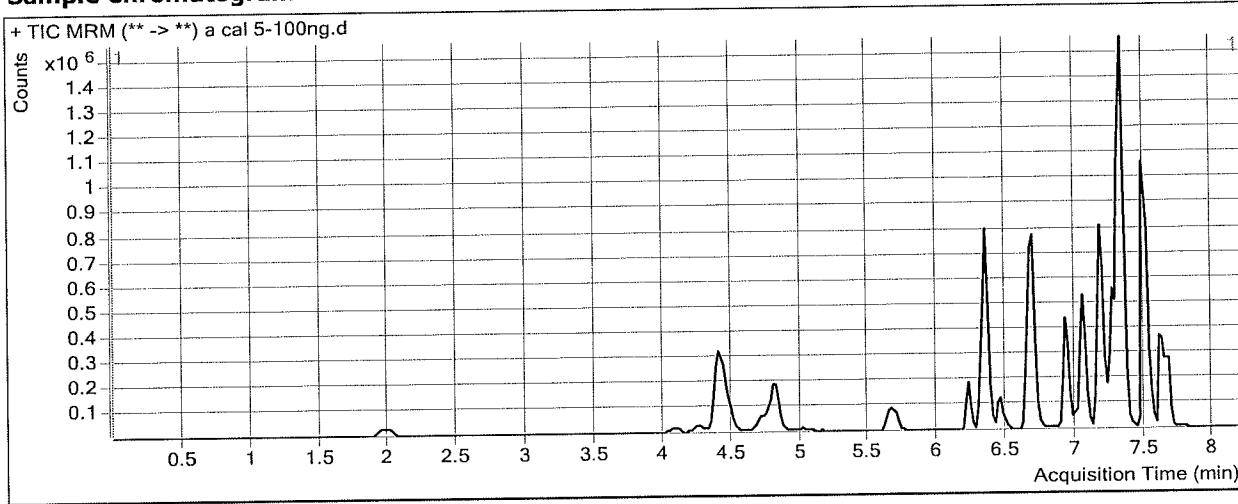
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 16:16	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	1.328	16939	1366	12.3962	96.7866
Hydromorphone	Hydromorphone-D6	1.989	86492	29342	2.9477	98.5047
Codeine	Codeine-D6	4.095	43038	16042	2.6829	96.4308
Amphetamine	Amphetamine-D11	4.423	755319	103252	7.3153	90.3122
Oxycodone	Oxycodone-D6	4.469	268543	118419	2.2677	97.7172
Norhydrocodone	Norhydrocodone-D3	4.818	9094	29034	0.3132	81.1937
Hydrocodone	Hydrocodone-D6	4.774	162803	86981	1.8717	105.5011
Methamphetamine	Methamphetamine-D11	4.821	447796	157966	2.8348	94.2225
6-MAM	6-MAM-D6	5.028	5233	19497	0.2684	8.6788
Phentermine	Phentermine-D5	5.706	191253	292686	0.6534	98.3874
Dextrophan	Dextrophan-D3	6.224	165606	113811	1.4551	98.3789
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	219321	83302	2.6329	98.6053
Tramadol	Tramadol-13C-D3	6.341	1400395	660753	2.1194	103.1585
Doxylamine	Doxylamine-D5	6.682	1213816	623539	1.9467	97.5388
Metoprolol	Oxycodone-D6	6.457	189201	118419	1.5977	96.1701
Bupropion	Bupropion-D9	6.930	739021	318176	2.3227	93.6626
Meprobamate	Meprobamate-D7	7.033	109002	73642	1.4802	97.2268
Zolpidem	Zolpidem-D6	7.041	789167	430723	1.8322	100.7827
Venlafaxine	Venlafaxine-D6	7.165	1392840	581701	2.3944	103.4431
Trazodone	Trazodone-D6	7.256	784520	341030	2.3004	101.3398
Citalopram	Citalopram-D6	7.298	903555	412074	2.1927	97.6698
Dextromethorphan	Dextromethorphan-D3	7.309	222097	101380	2.1907	96.7569
Diphenhydramine	Diphenhydramine-D3	7.332	1529976	656441	2.3307	103.1265

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

pl a cal5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	1479051	778363	1.9002	97.4204
Clonazepam	Clonazepam-D4	7.543	182816	24298	7.5239	100.3638
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	18316	8334	2.1976	58.8882
Carisoprodol	Carisoprodol-D7	7.635	354362	213830	1.6572	97.2103
Lorazepam	Clonazepam-D4	7.643	61427	24298	2.5280	97.7832
Alprazolam	Alprazolam-D5	7.667	239952	93548	2.5650	93.9112



ISP FORENSICS - Cd'A Instrument # 62340

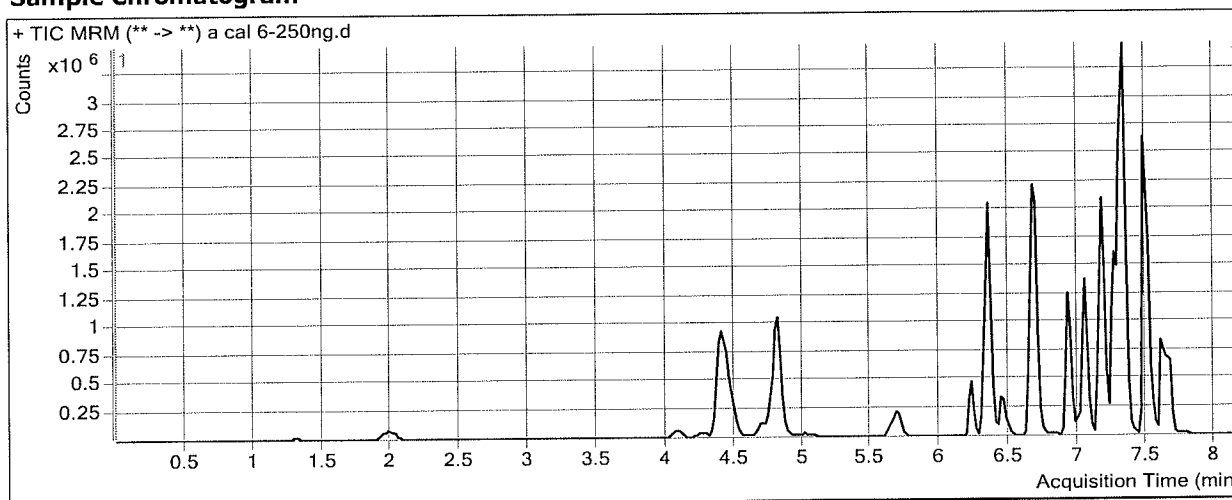
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 16:42	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	1.328	47918	1456	32.9086	256.7856
Hydromorphone	Hydromorphone-D6	1.989	254837	31863	7.9978	266.6938
Codeine	Codeine-D6	4.076	135293	17637	7.6710	273.9196
Amphetamine	Amphetamine-D11	4.423	2669882	128017	20.8557	259.2054
Oxycodone	Oxycodone-D6	4.469	815316	120897	6.7439	289.2840
Norhydrocodone	Norhydrocodone-D3	4.838	30797	28858	1.0672	273.1776
Hydrocodone	Hydrocodone-D6	4.774	492857	94264	5.2285	295.9502
Methamphetamine	Methamphetamine-D11	4.821	2950585	361758	8.1562	272.4866
6-MAM	6-MAM-D6	5.028	18409	22601	0.8145	26.1726
Phentermine	Phentermine-D5	5.706	694398	379005	1.8322	275.7564
Dextroprphan	Dextroprphan-D3	6.224	511547	122458	4.1773	281.0314
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	620872	85190	7.2881	272.2870
Tramadol	Tramadol-13C-D3	6.341	4373747	750390	5.8286	284.0007
Doxylamine	Doxylamine-D5	6.662	3742115	702459	5.3272	266.5045
Metoprolol	Oxycodone-D6	6.457	568600	120897	4.7032	283.1795
Bupropion	Bupropion-D9	6.930	2390318	331124	7.2188	290.5563
Meprobamate	Meprobamate-D7	7.033	289925	71441	4.0583	265.8756
Zolpidem	Zolpidem-D6	7.041	2442200	464318	5.2598	290.0964
Venlafaxine	Venlafaxine-D6	7.165	4238135	632058	6.7053	290.3192
Trazodone	Trazodone-D6	7.256	2496710	376456	6.6321	292.2354
Citalopram	Citalopram-D6	7.298	2408714	378323	6.3668	283.4364
Dextromethorphan	Dextromethorphan-D3	7.309	620429	97168	6.3851	280.3261
Diphenhydramine	Diphenhydramine-D3	7.332	4390049	691003	6.3532	281.5052

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

placab

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	4323574	810859	5.3321	272.7594
Clonazepam	Clonazepam-D4	7.543	445353	19891	22.3891	297.2546
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	56881	7554	7.5302	180.1775
Carisoprodol	Carisoprodol-D7	7.612	907795	178191	5.0945	297.0298
Lorazepam	Clonazepam-D4	7.643	136273	19891	6.8508	266.5091
Alprazolam	Alprazolam-D5	7.667	707124	90021	7.8551	284.9903



ISP FORENSICS - Cd'A Instrument # 62340

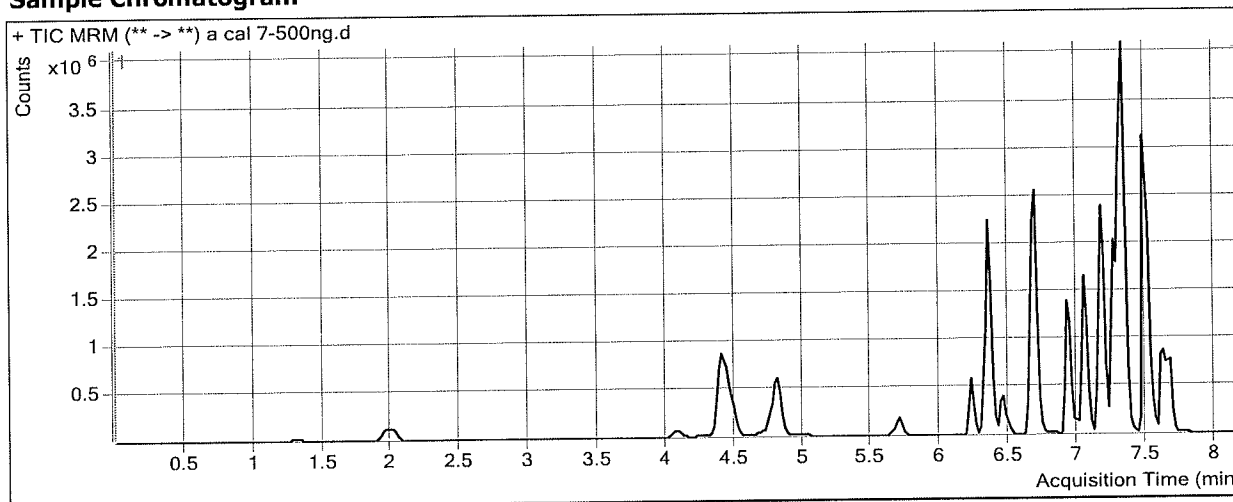
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 17:07	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	1.328	87030	1376	63.2408	493.3804
Hydromorphone	Hydromorphone-D6	1.989	448932	30220	14.8553	495.0734
Codeine	Codeine-D6	4.095	168902	12422	13.5971	484.7878
Amphetamine	Amphetamine-D11	4.423	2365368	65614	36.0498	448.7243
Oxycodone	Oxycodone-D6	4.489	1009394	86020	11.7344	502.8628
Norhydrocodone	Norhydrocodone-D3	4.838	54615	23680	2.3064	588.7282
Hydrocodone	Hydrocodone-D6	4.794	643391	69106	9.3102	527.5289
Methamphetamine	Methamphetamine-D11	4.821	1404369	97230	14.4438	483.1133
6-MAM	6-MAM-D6	5.028	24473	15813	1.5477	49.6565
Phentermine	Phentermine-D5	5.706	584832	185894	3.1460	473.4646
Dextroprphan	Dextroprphan-D3	6.224	632496	86274	7.3313	492.6526
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	724364	58953	12.2871	458.7941
Tramadol	Tramadol-13C-D3	6.341	5001264	530047	9.4355	459.8524
Doxylamine	Doxylamine-D5	6.682	4660175	469375	9.9285	496.4877
Metoprolol	Oxycodone-D6	6.457	649290	86020	7.5481	454.5006
Bupropion	Bupropion-D9	6.930	2846758	233830	12.1745	489.8456
Meprobamate	Meprobamate-D7	7.033	387478	50587	7.6596	501.4588
Zolpidem	Zolpidem-D6	7.041	3038028	328724	9.2419	510.0390
Venlafaxine	Venlafaxine-D6	7.165	5192407	463080	11.2128	485.7181
Trazodone	Trazodone-D6	7.256	3030482	278320	10.8885	479.8105
Citalopram	Citalopram-D6	7.298	2991231	271884	11.0019	489.7172
Dextromethorphan	Dextromethorphan-D3	7.309	787474	71232	11.0551	484.7142
Diphenhydramine	Diphenhydramine-D3	7.332	5449696	489471	11.1338	493.5087



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

pla cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	5676386	598830	9.4791	484.6358
Clonazepam	Clonazepam-D4	7.543	518666	14484	35.8093	475.0061
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.621	37500	5517	6.7974	163.5095
Carisoprodol	Carisoprodol-D7	7.635	1036134	123701	8.3761	487.7962
Lorazepam	Clonazepam-D4	7.643	151071	14484	10.4301	406.2182
Alprazolam	Alprazolam-D5	7.667	821228	61400	13.3751	484.3755



ISP FORENSICS - Cd'A Instrument # 62340

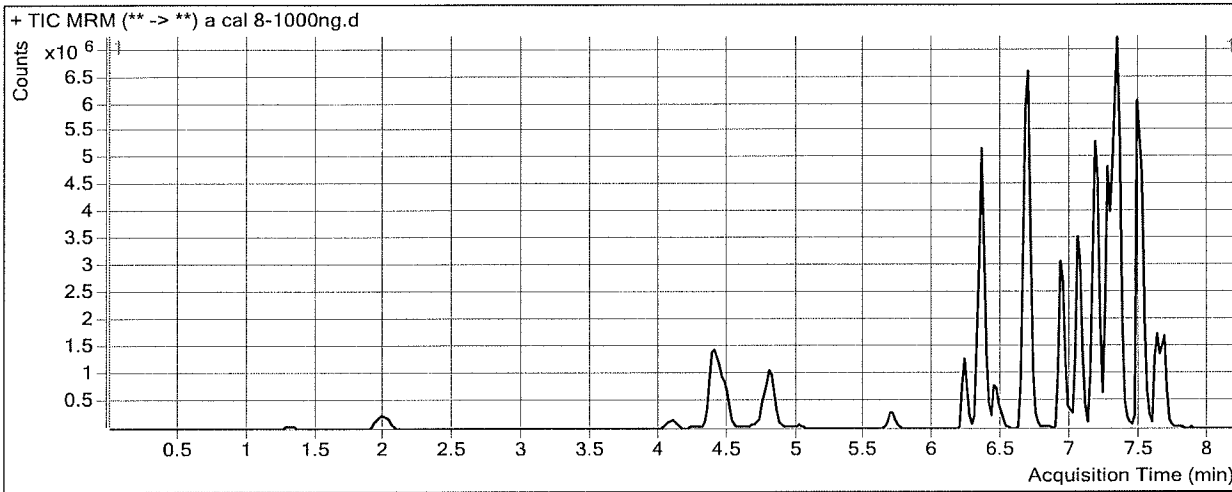
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin		
Analysis Time	8/9/2018 1:10 PM	Analyst Name	ISP Tox
Report Time	8/9/2018 1:12 PM	Reporter Name	ISP Tox
Last Calib Update	8/9/2018 1:10 PM	Batch State	Processed

Analysis Info

Acq Time	2018-08-08 17:33	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



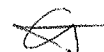
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	173020	1345	128.6446	1003.5382
Hydromorphone	Hydromorphone-D6	1.989	909481	30983	29.3539	977.9317
Codeine	Codeine-D6	4.095	393582	14060	27.9939	997.0669
Amphetamine	Amphetamine-D11	4.403	4064244	71727	56.6629	705.8357
Oxycodone	Oxycodone-D6	4.469	2518024	114822	21.9297	939.1956
Norhydrocodone	Norhydrocodone-D3	4.838	144936	23029	6.2936	1604.0094
Hydrocodone	Hydrocodone-D6	4.774	1511303	93118	16.2299	920.1237
Methamphetamine	Methamphetamine-D11	4.821	2195919	80896	27.1449	908.5906
6-MAM	6-MAM-D6	5.028	71872	22924	3.1352	100.5079
Phentermine	Phentermine-D5	5.706	1106910	185652	5.9623	897.2389
Dextroprphan	Dextroprphan-D3	6.224	1587470	108403	14.6442	983.3268
7-aminoclonazepam	7-Aminoclonazepam-D4	6.331	1338306	67697	19.7692	737.9442
Tramadol	Tramadol-13C-D3	6.341	12662989	745930	16.9761	827.4904
Doxylamine	Doxylamine-D5	6.682	12305454	683208	18.0113	900.4862
Metoprolol	Oxycodone-D6	6.437	1419072	114822	12.3588	744.2029
Bupropion	Bupropion-D9	6.930	6791716	285789	23.7648	955.9407
Meprobamate	Meprobamate-D7	7.033	768545	58929	13.0418	853.5408
Zolpidem	Zolpidem-D6	7.041	7537431	439822	17.1375	946.1324
Venlafaxine	Venlafaxine-D6	7.165	12950432	578364	22.3915	970.3150
Trazodone	Trazodone-D6	7.256	6983319	366426	19.0579	839.8330
Citalopram	Citalopram-D6	7.298	5315239	247749	21.4541	954.8881
Dextromethorphan	Dextromethorphan-D3	7.309	1613422	71411	22.5936	989.7085
Diphenhydramine	Diphenhydramine-D3	7.332	11553144	527671	21.8946	970.7028

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

Placal

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.487	12149180	645946	18.8083	961.2763
Clonazepam	Clonazepam-D4	7.543	722730	10180	70.9960	941.0562
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.601	170645	2677	63.7526	1458.9557
Carisoprodol	Carisoprodol-D7	7.635	1908856	115495	16.5276	961.6646
Lorazepam	Clonazepam-D4	7.643	291213	10180	28.6067	1115.6883
Alprazolam	Alprazolam-D5	7.667	1775634	67789	26.1937	947.3860



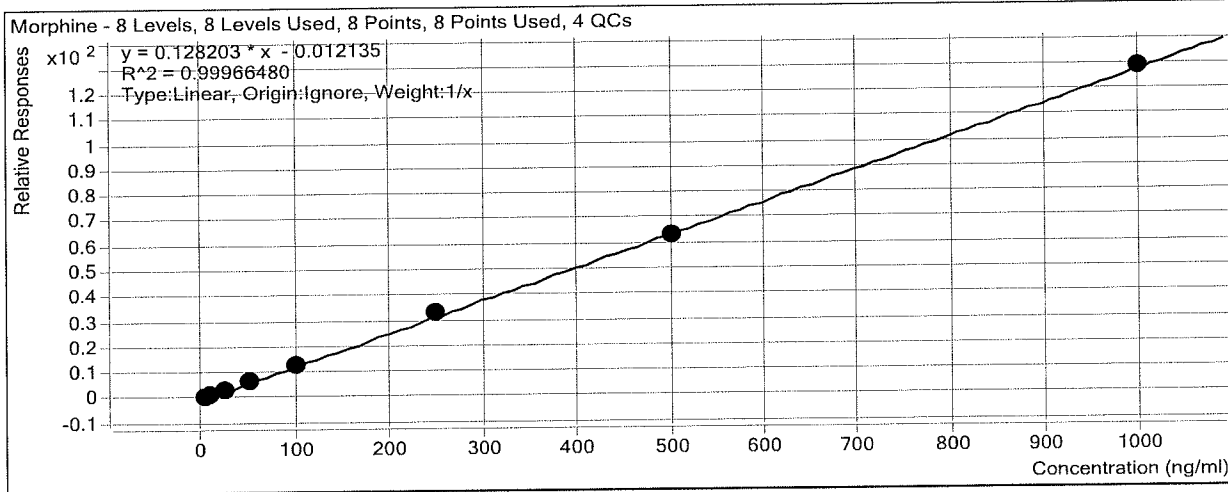
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	111.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a qc 100	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.8	102.7
a QC 250	6	<input checked="" type="checkbox"/>	250	270.3	108.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.4	98.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.5	100.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1087.8	108.8

*Not evaluated
ratios inconsistent in calibrators
and QCs*

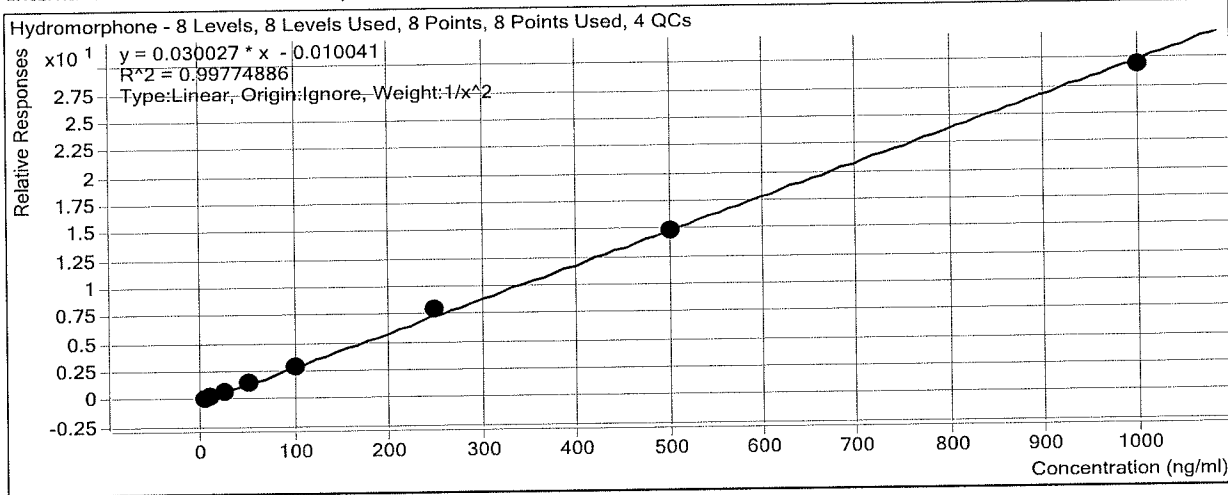
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	5.1	102.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.1	104.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a qc 100	5	<input checked="" type="checkbox"/>	100	102.5	102.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.7	106.7
a QC 250	6	<input checked="" type="checkbox"/>	250	265.6	106.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.1	99.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	977.9	97.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1024.2	102.4

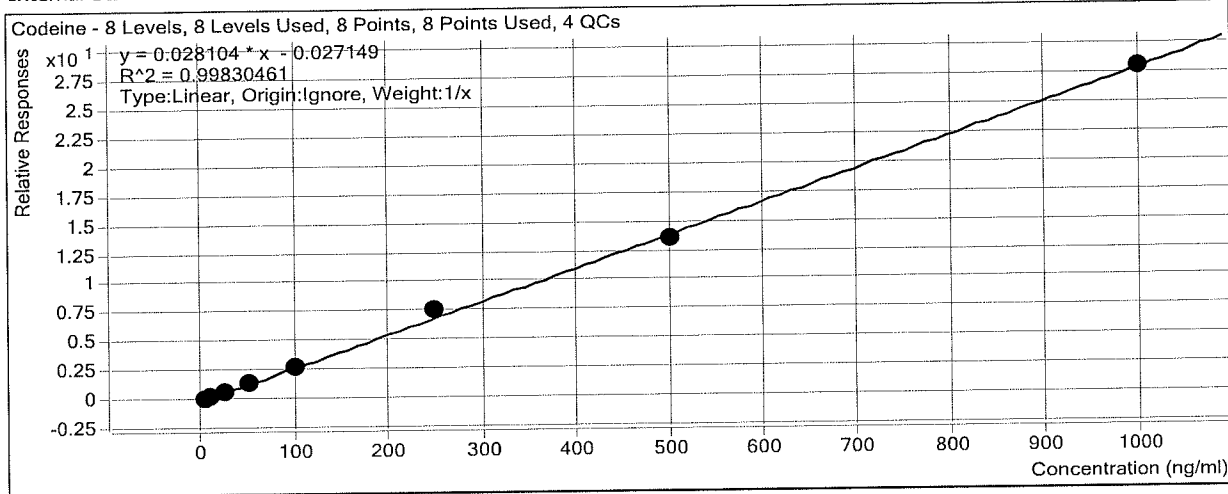
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	5.2	104.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	97.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a qc 100	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	273.9	109.6
a QC 250	6	<input checked="" type="checkbox"/>	250	254.8	101.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.8	97.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	997.1	99.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1000.1	100.0

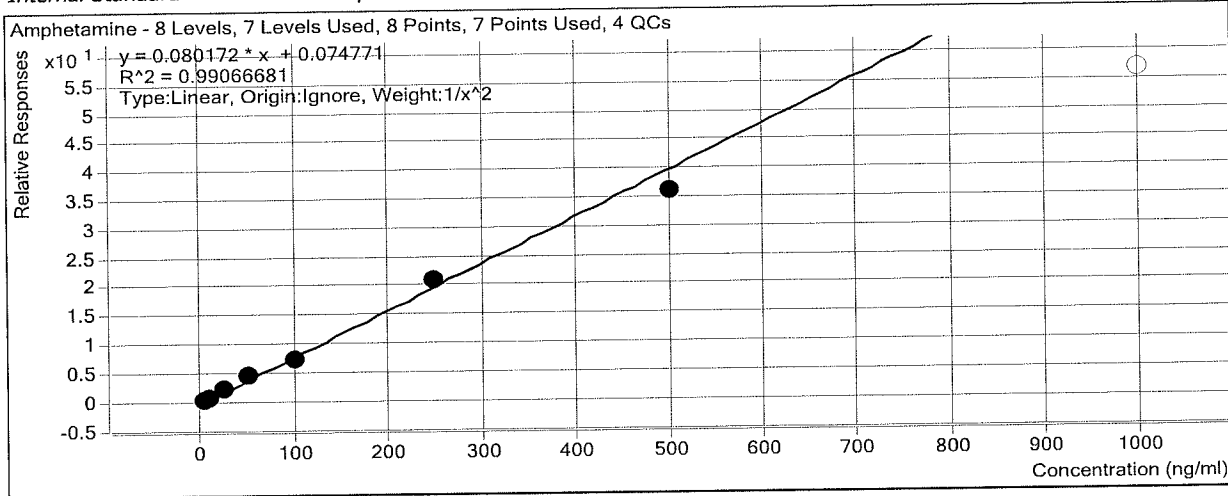
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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 checked="" type="checkbox"/>	5	4.9	98.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.2	109.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.1	110.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a qc 100	5	<input checked="" type="checkbox"/>	100	108.4	108.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.2	103.7
a QC 250	6	<input checked="" type="checkbox"/>	250	245.9	98.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	448.7	89.7
a cal 8-1000ng	8	<input type="checkbox"/>	1000	705.8	70.6
a qc 1000	8	<input type="checkbox"/>	1000	664.7	66.5

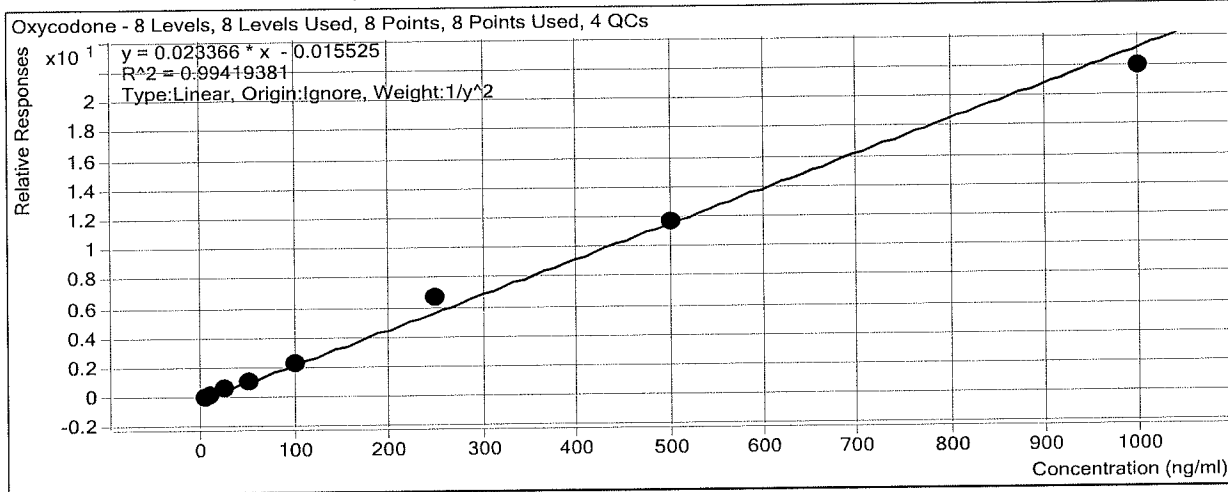
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6

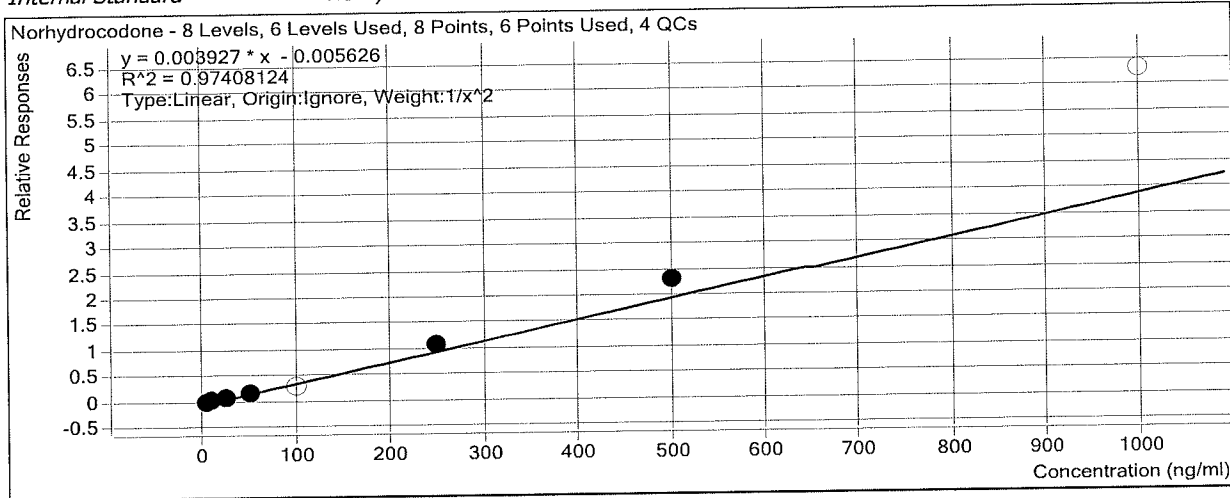


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10	2	<input checked="" type="checkbox"/>	10	11.2	112.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a qc 100	5	<input checked="" type="checkbox"/>	100	108.0	108.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	289.3	115.7
a QC 250	6	<input checked="" type="checkbox"/>	250	272.1	108.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	939.2	93.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	963.1	96.3

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
Last Calib Update 8/9/2018 8:40 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	5.3	105.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.6	82.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.4	86.7
a cal 5-100ng	5	<input type="checkbox"/>	100	81.2	81.2
a qc 100	5	<input checked="" type="checkbox"/>	100	97.3	97.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	273.2	109.3
a QC 250	6	<input checked="" type="checkbox"/>	250	263.7	105.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	588.7	117.7
a cal 8-1000ng	8	<input type="checkbox"/>	1000	1604.0	160.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1402.9	140.3

Dropped 100ng calibrator the peak was cut off.

Not evaluated R2 out of range ~~8/17/18~~

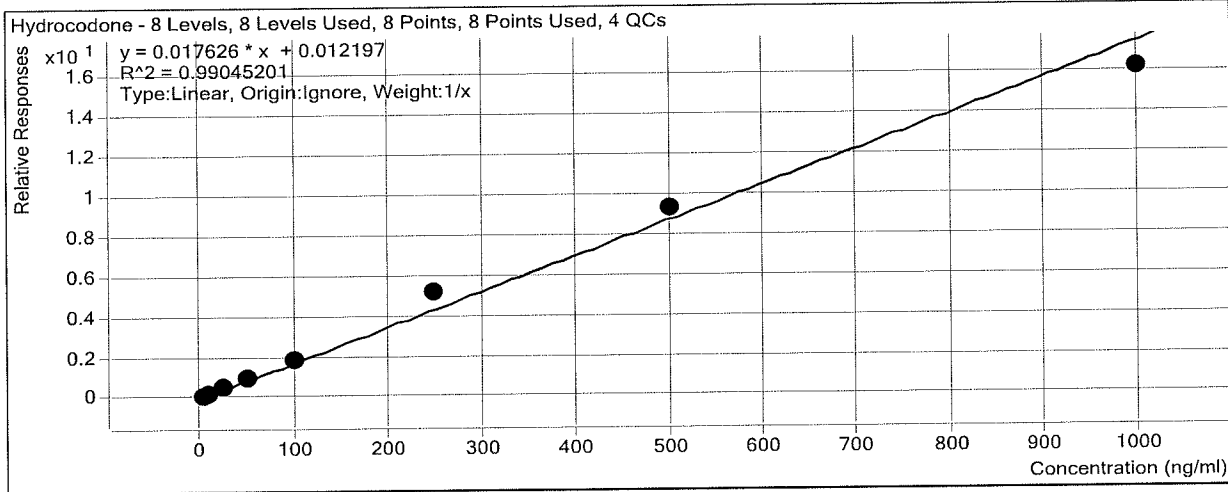
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	85.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.5	105.5
a qc 100	5	<input checked="" type="checkbox"/>	100	110.6	110.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	296.0	118.4
a QC 250	6	<input checked="" type="checkbox"/>	250	274.4	109.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	527.5	105.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	920.1	92.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	893.0	89.3

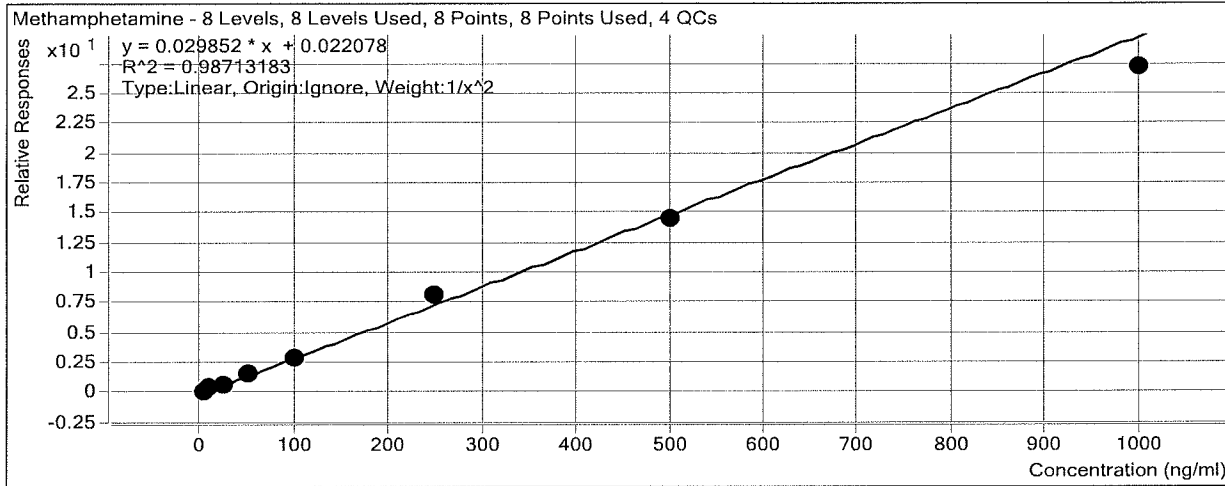
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	4.6	91.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.9	119.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a qc 100	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.5	109.0
a QC 250	6	<input checked="" type="checkbox"/>	250	241.9	96.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.1	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	908.6	90.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	805.5	80.5

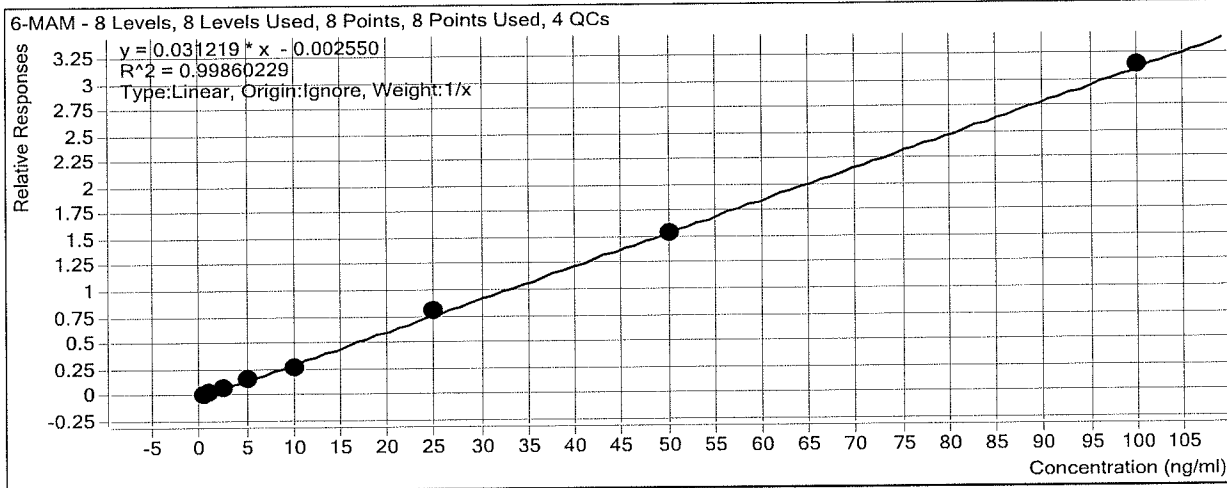
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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"/>	0.5	0.5	101.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	110.4
a QC 10	2	<input checked="" type="checkbox"/>	1	1.0	102.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	98.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	8.7	86.8
a qc 100	5	<input checked="" type="checkbox"/>	10	9.3	93.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.2	104.7
a QC 250	6	<input checked="" type="checkbox"/>	25	26.8	107.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.7	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.5	100.5
a qc 1000	8	<input checked="" type="checkbox"/>	100	95.4	95.4

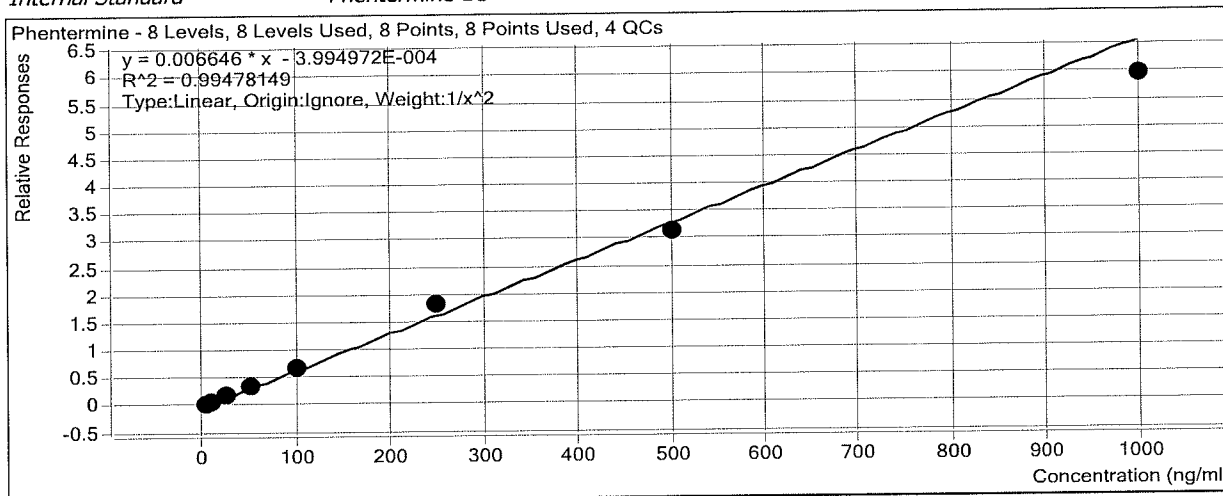
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a qc 100	5	<input checked="" type="checkbox"/>	100	105.3	105.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	275.8	110.3
a QC 250	6	<input checked="" type="checkbox"/>	250	251.1	100.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.5	94.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	897.2	89.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	806.8	80.7

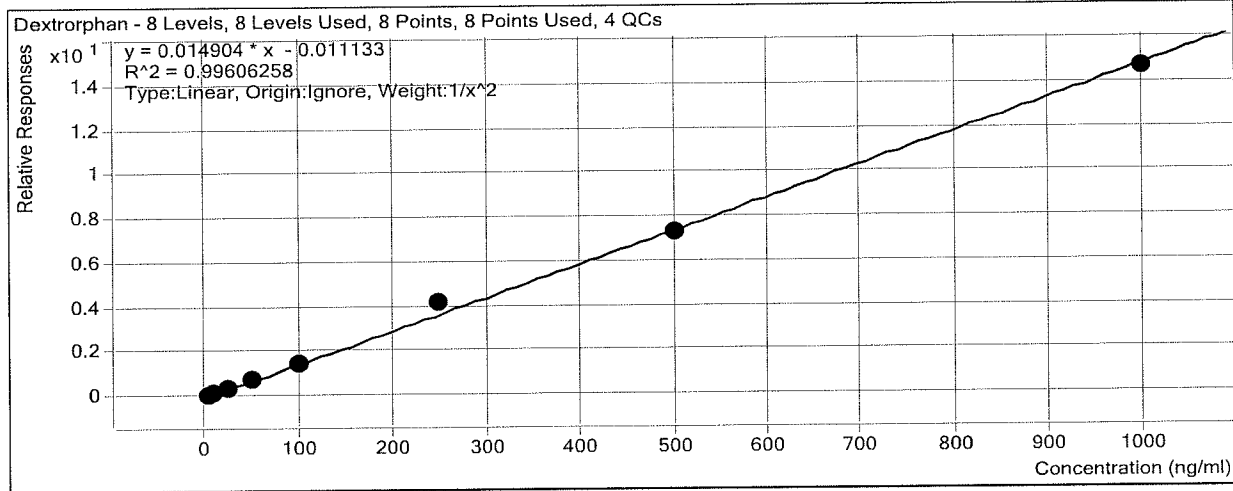
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	5.1	102.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a qc 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.0	112.4
a QC 250	6	<input checked="" type="checkbox"/>	250	258.4	103.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.7	98.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.3	98.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	985.6	98.6

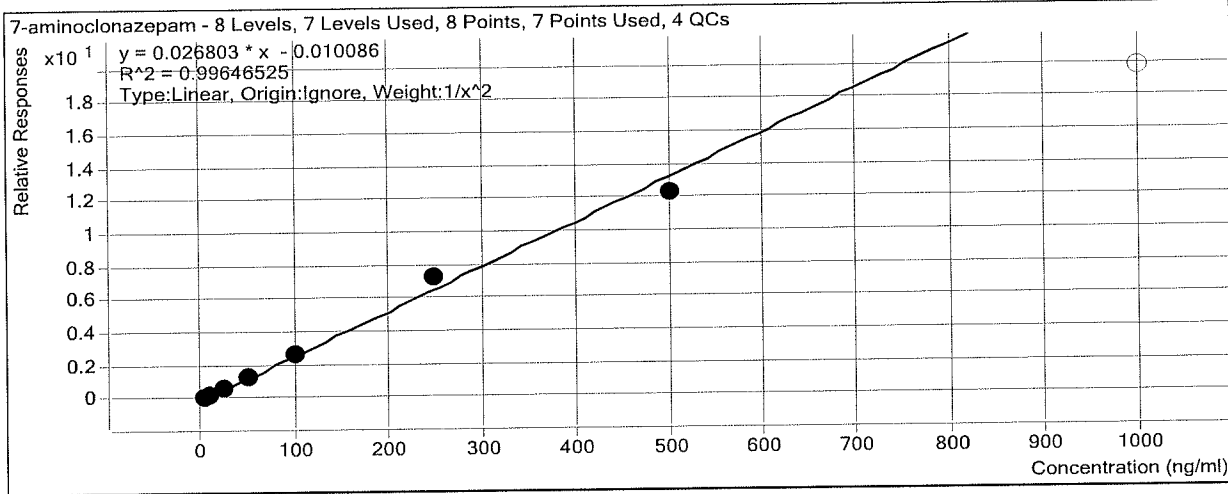
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	100.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a qc 100	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.3	108.9
a QC 250	6	<input checked="" type="checkbox"/>	250	239.1	95.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	458.8	91.8
a cal 8-1000ng	8	<input type="checkbox"/>	1000	737.9	73.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	720.1	72.0

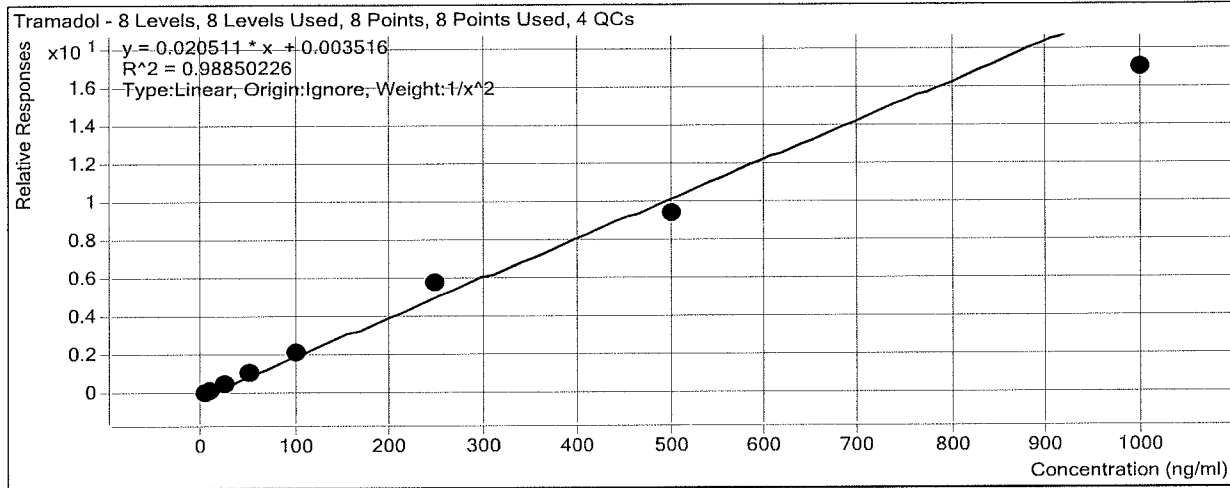
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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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	4.9	98.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a qc 100	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	284.0	113.6
a QC 250	6	<input checked="" type="checkbox"/>	250	250.3	100.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	459.9	92.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	827.5	82.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	982.2	98.2

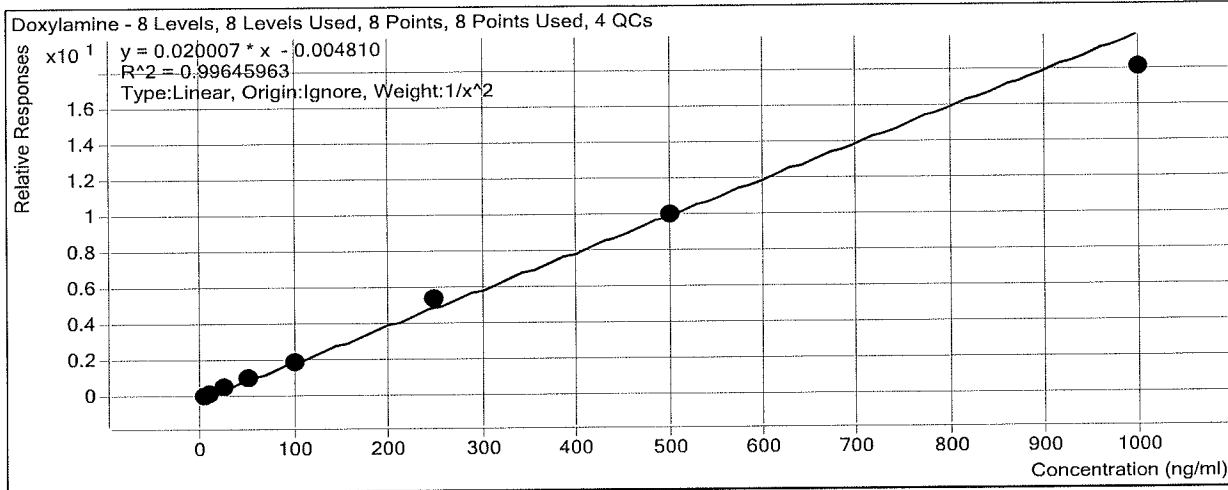
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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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	5.0	99.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	103.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a qc 100	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.5	106.6
a QC 250	6	<input checked="" type="checkbox"/>	250	261.8	104.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.5	99.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	900.5	90.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	910.7	91.1

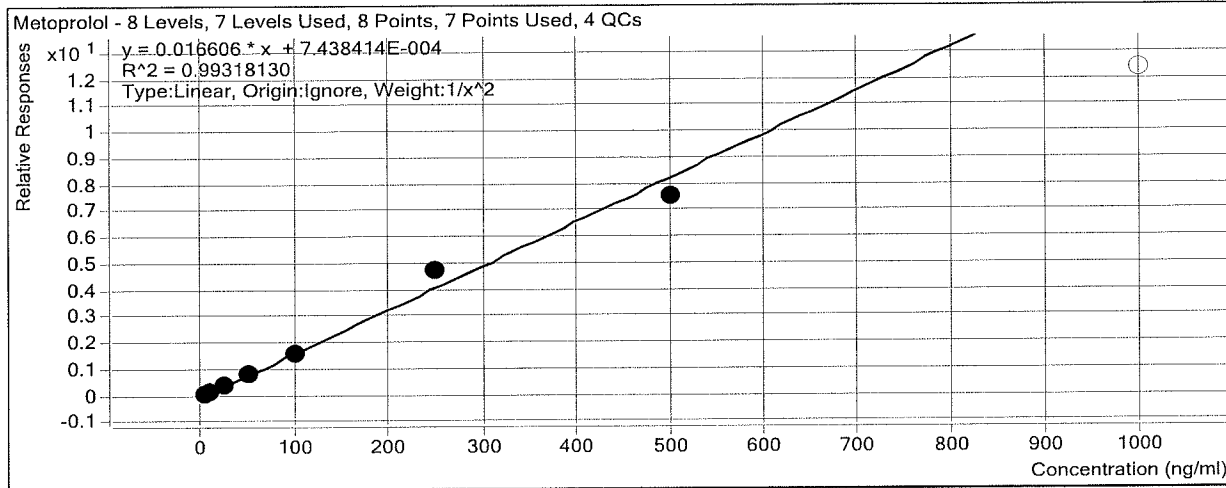
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
a qc 100	5	<input checked="" type="checkbox"/>	100	117.5	117.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	283.2	113.3
a QC 250	6	<input checked="" type="checkbox"/>	250	302.7	121.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	454.5	90.9
a cal 8-1000ng	8	<input type="checkbox"/>	1000	744.2	74.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	871.2	87.1

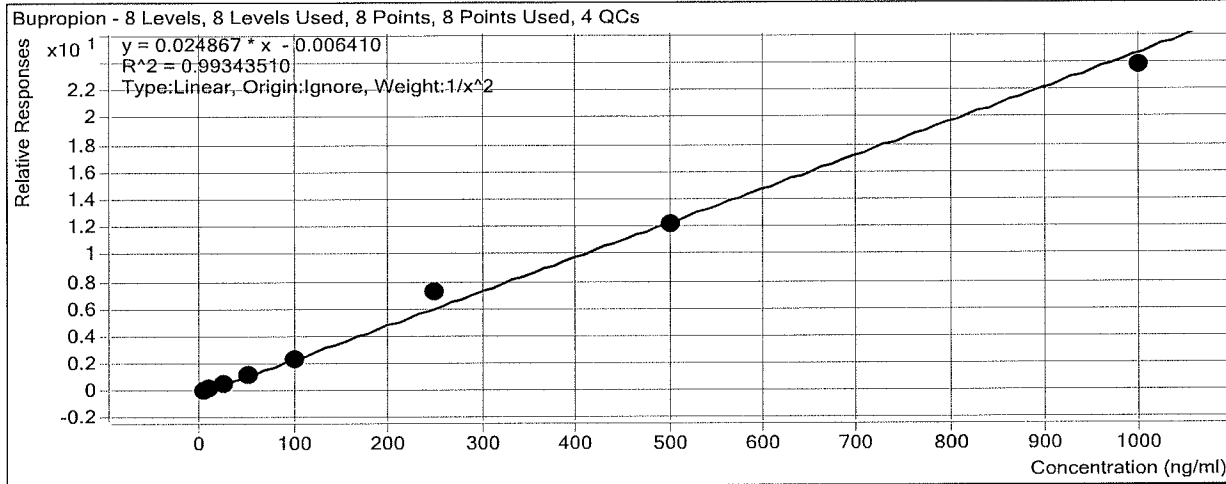
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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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	99.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.7	93.7
a qc 100	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	290.6	116.2
a QC 250	6	<input checked="" type="checkbox"/>	250	257.5	103.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.8	98.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	955.9	95.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	915.3	91.5

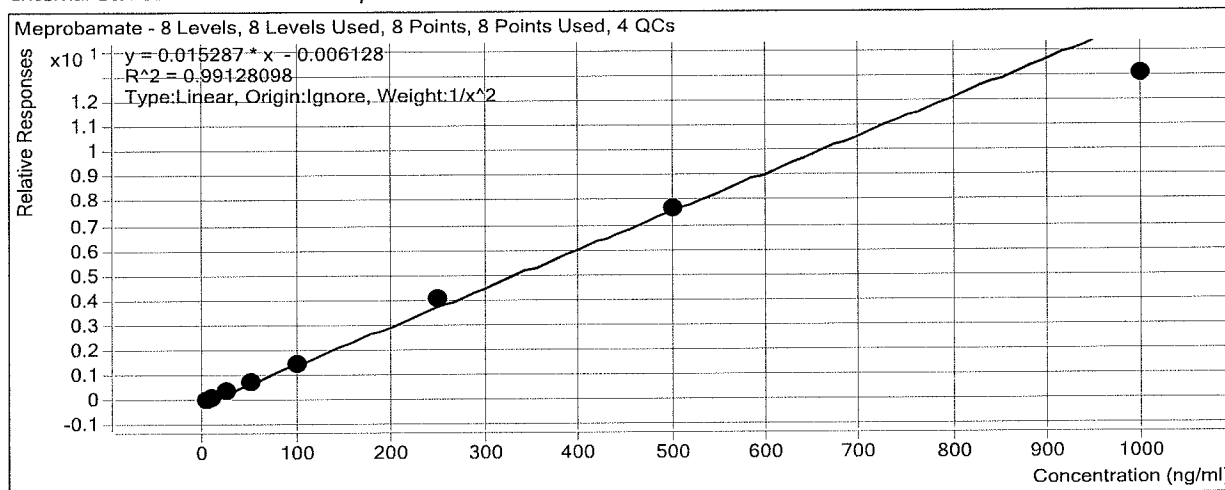
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.0	110.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a qc 100	5	<input checked="" type="checkbox"/>	100	112.2	112.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.9	106.4
a QC 250	6	<input checked="" type="checkbox"/>	250	261.0	104.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.5	100.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	853.5	85.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	846.3	84.6

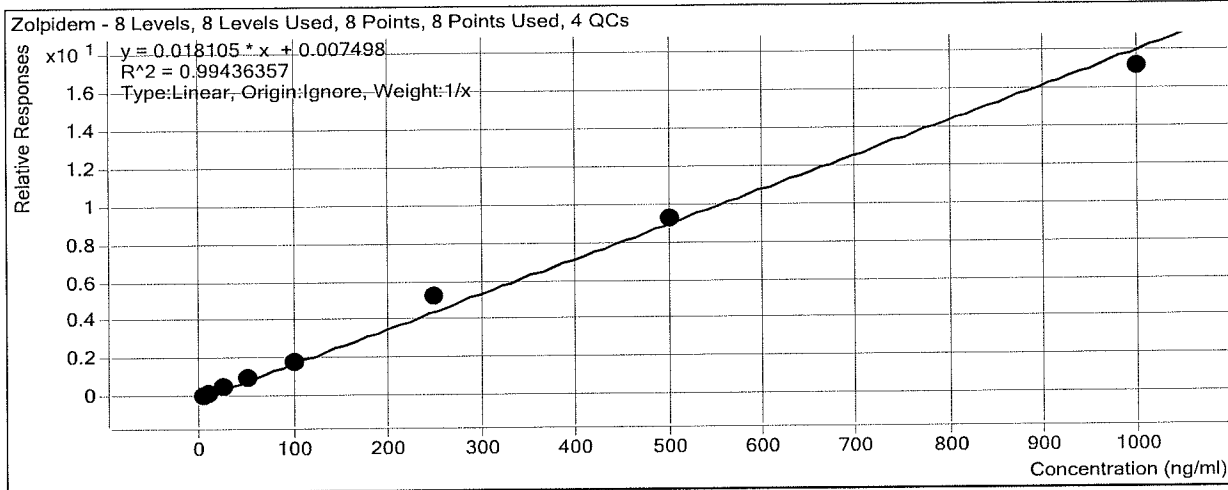
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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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	4.0	79.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.7	107.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 100	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	290.1	116.0
a QC 250	6	<input checked="" type="checkbox"/>	250	261.4	104.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.0	102.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	946.1	94.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	946.7	94.7

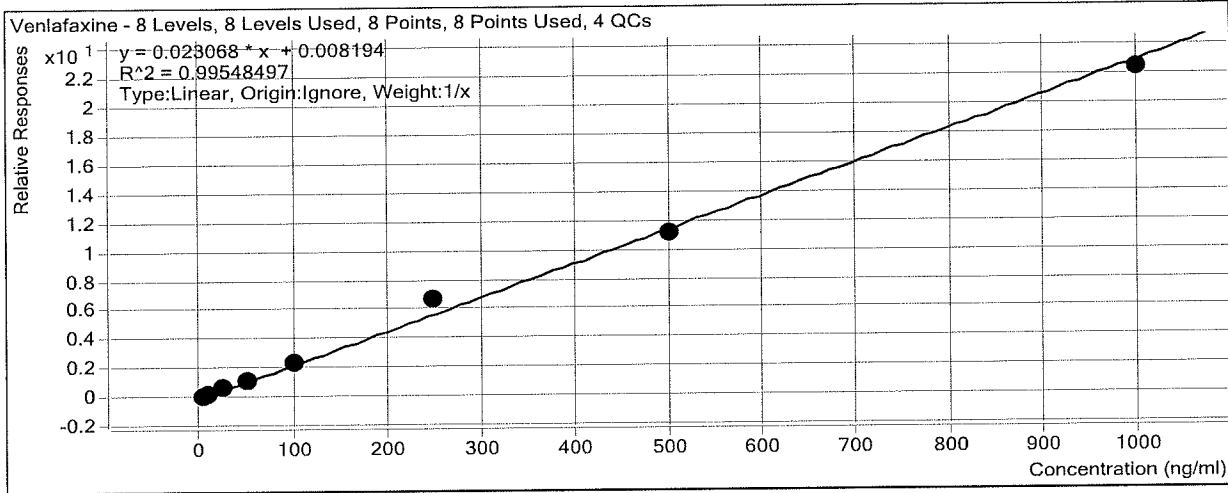
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
a qc 100	5	<input checked="" type="checkbox"/>	100	107.8	107.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	290.3	116.1
a QC 250	6	<input checked="" type="checkbox"/>	250	275.2	110.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.7	97.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.3	97.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1004.2	100.4

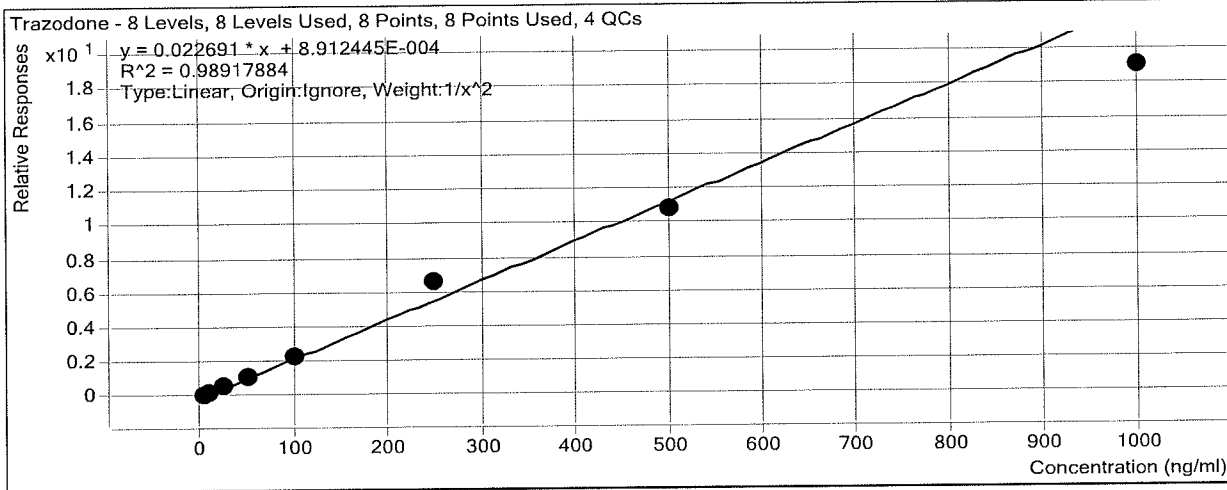
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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Analyst Name ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a qc 100	5	<input checked="" type="checkbox"/>	100	107.4	107.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	292.2	116.9
a QC 250	6	<input checked="" type="checkbox"/>	250	250.6	100.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.8	96.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	839.8	84.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	825.5	82.5

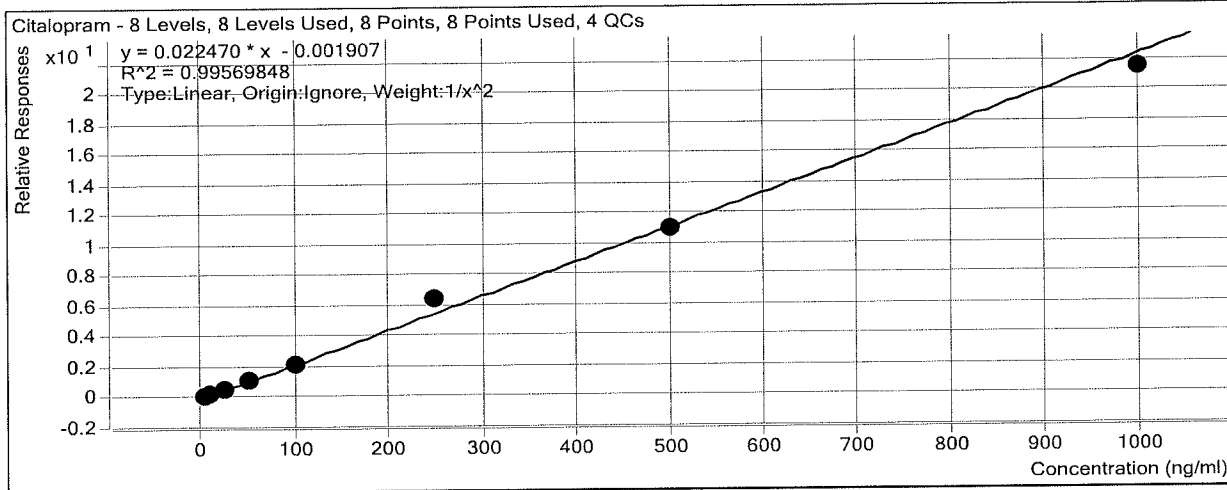
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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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	5.1	101.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a qc 100	5	<input checked="" type="checkbox"/>	100	103.0	103.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	283.4	113.4
a QC 250	6	<input checked="" type="checkbox"/>	250	257.1	102.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.7	97.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	954.9	95.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	934.5	93.4

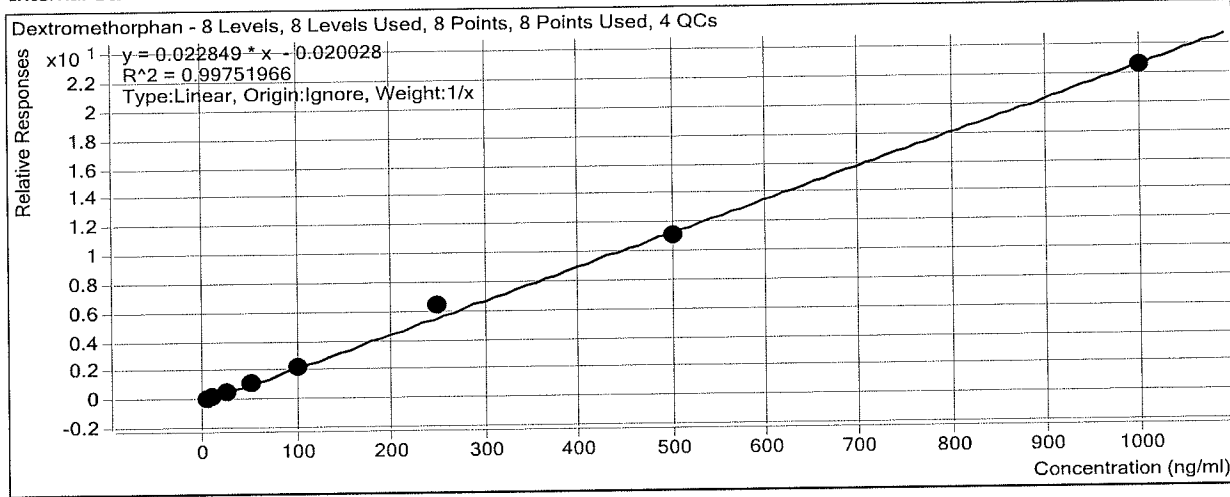
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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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	5.1	101.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a qc 100	5	<input checked="" type="checkbox"/>	100	109.7	109.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	280.3	112.1
a QC 250	6	<input checked="" type="checkbox"/>	250	256.7	102.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.7	96.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.7	99.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1161.9	116.2

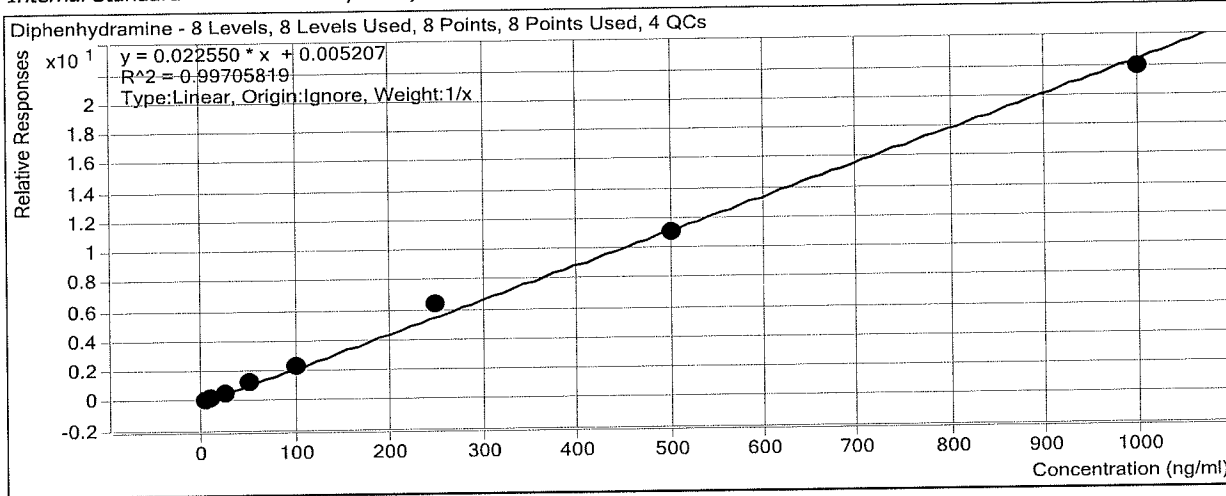
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	88.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	105.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a qc 100	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.5	112.6
a QC 250	6	<input checked="" type="checkbox"/>	250	247.9	99.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.5	98.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.7	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	942.5	94.2

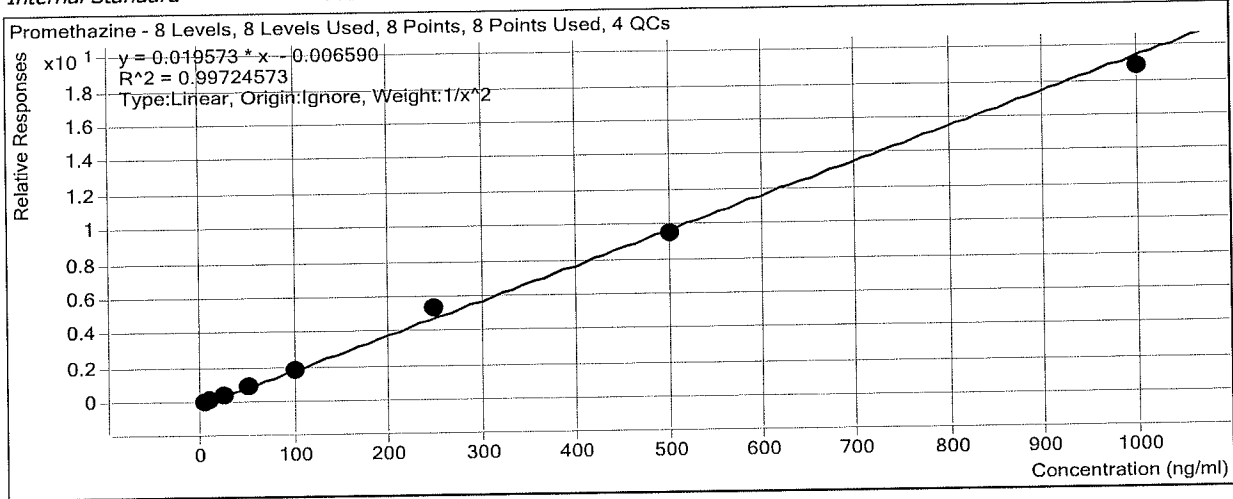
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
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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	101.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.4	97.4
a qc 100	5	<input checked="" type="checkbox"/>	100	101.3	101.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.8	109.1
a QC 250	6	<input checked="" type="checkbox"/>	250	261.3	104.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.6	96.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	961.3	96.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	911.7	91.2

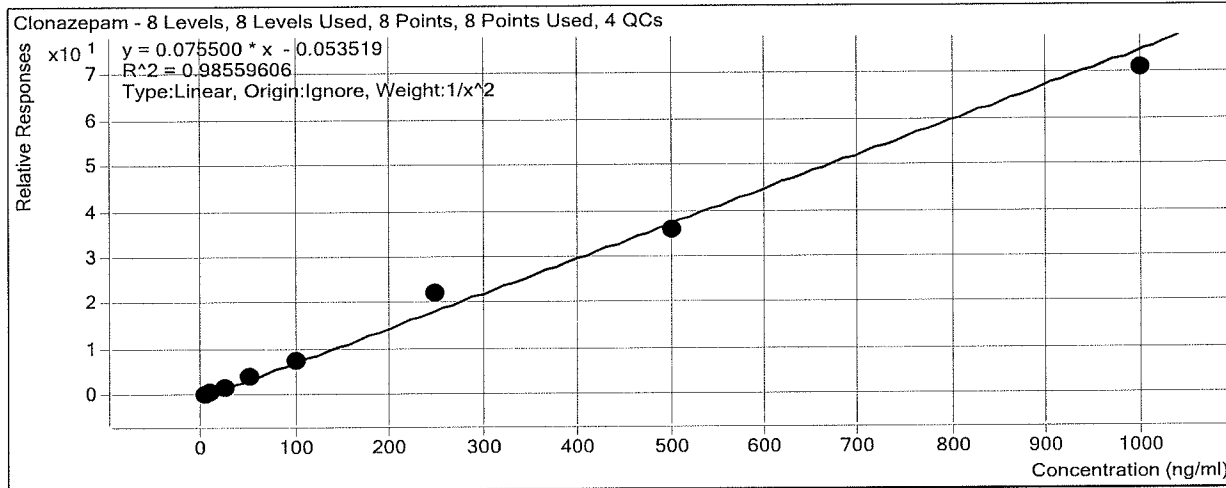
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	5.4	107.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	87.6
a QC 10	2	<input checked="" type="checkbox"/>	10	11.3	112.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	89.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a qc 100	5	<input checked="" type="checkbox"/>	100	111.9	111.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	297.3	118.9
a QC 250	6	<input checked="" type="checkbox"/>	250	274.5	109.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	475.0	95.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	941.1	94.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	963.2	96.3

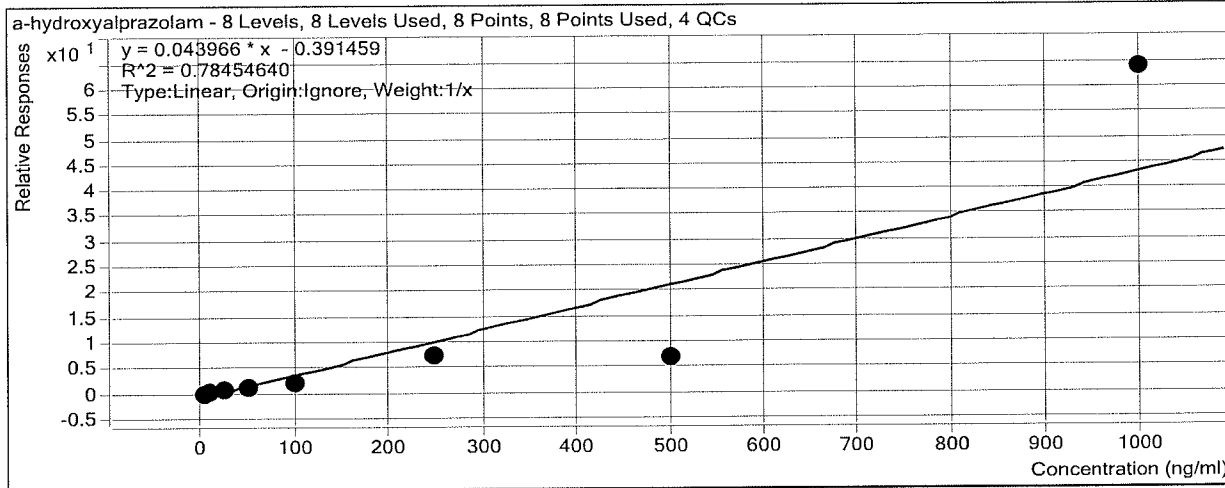
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	9.9	198.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	14.0	140.1
a QC 10	2	<input checked="" type="checkbox"/>	10	14.0	139.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.3	85.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	33.3	66.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	58.9	58.9
a qc 100	5	<input checked="" type="checkbox"/>	100	40.1	40.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	180.2	72.1
a QC 250	6	<input checked="" type="checkbox"/>	250	147.4	58.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	163.5	32.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1459.0	145.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	294.9	29.5

NOT evaluated
accuracy all over the board.

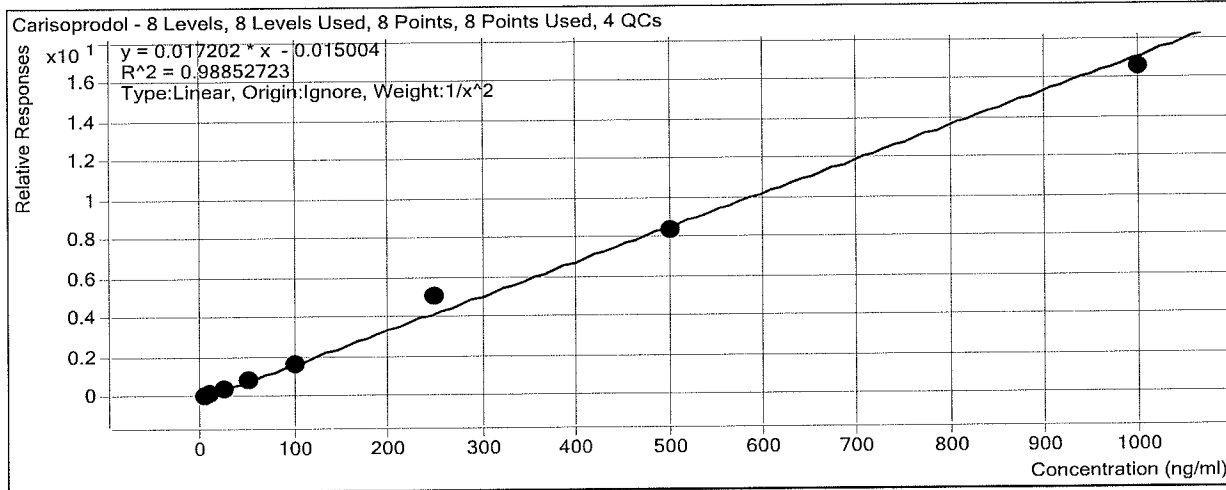
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	5.3	106.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.2	97.2
a qc 100	5	<input checked="" type="checkbox"/>	100	108.8	108.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	297.0	118.8
a QC 250	6	<input checked="" type="checkbox"/>	250	262.1	104.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.8	97.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	961.7	96.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2

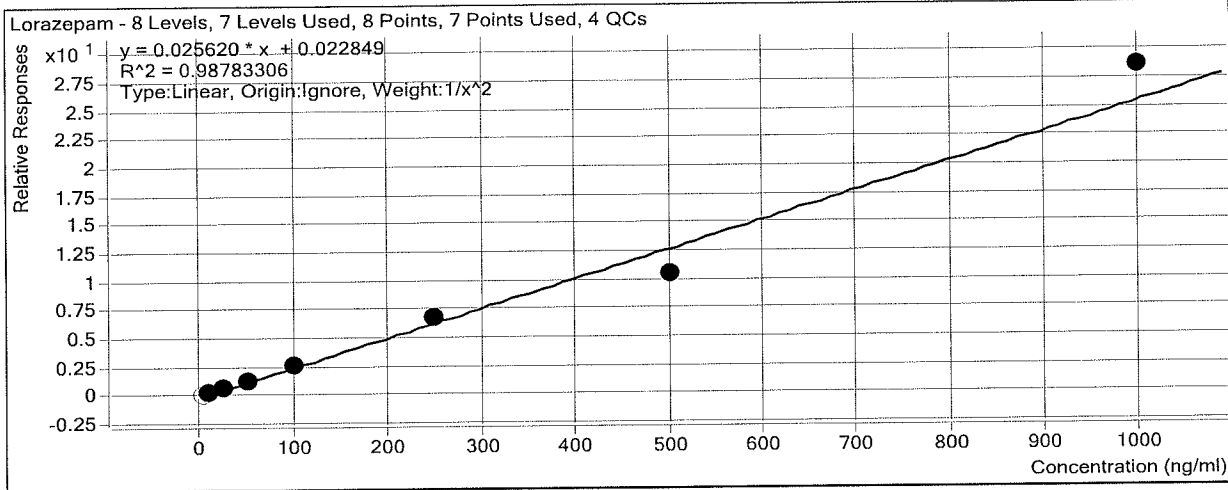
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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	4.3	86.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.8	97.8
a qc 100	5	<input checked="" type="checkbox"/>	100	116.7	116.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	266.5	106.6
a QC 250	6	<input checked="" type="checkbox"/>	250	247.2	98.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	406.2	81.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1115.7	111.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	536.0	53.6

ISP FORENSICS - Cd'A Instrument # 62340

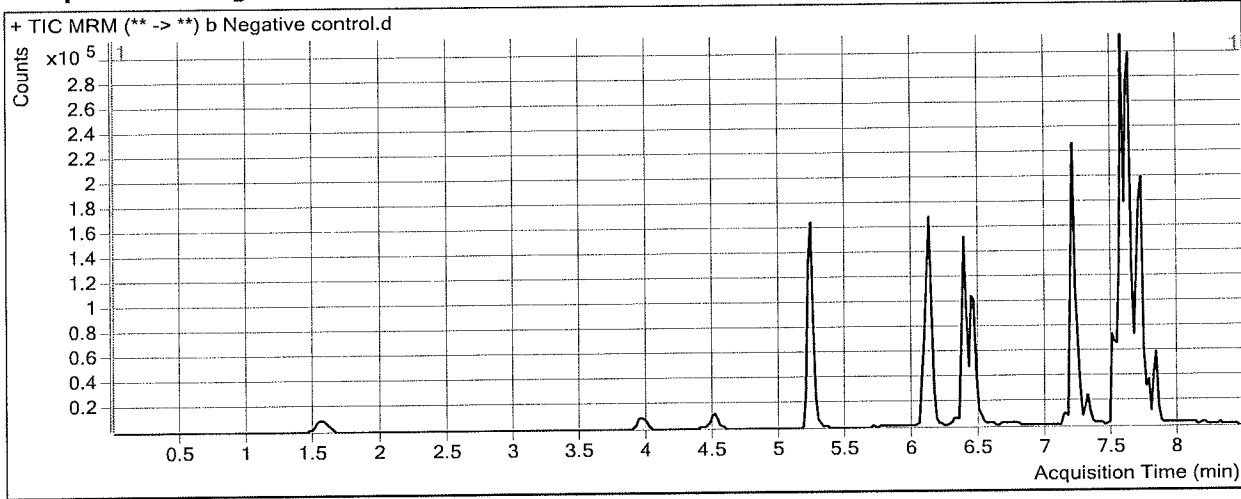
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 18:23 **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

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.622	8843	712700	0.0124	0.0000

ISP FORENSICS - Cd'A Instrument # 62340

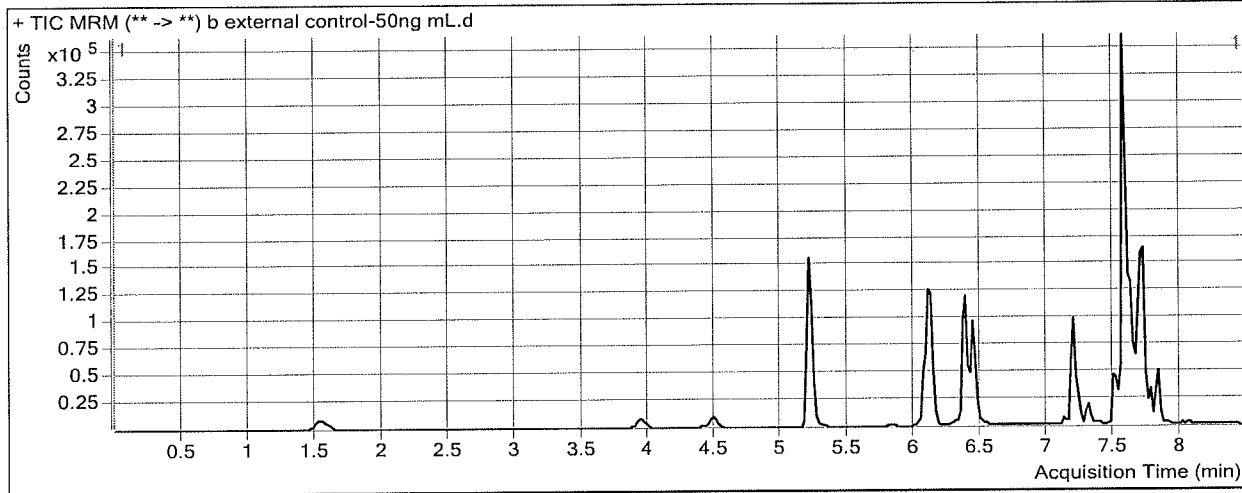
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 18:49 **Data File** b external control-50ng mL.d
Sample Type Sample **Sample Name** b external control-50ng mL
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	7.560	250592	301334	0.8316	43.5212
Sertraline	Sertraline-D3	7.683	45294	50445	0.8979	40.1922

ISP FORENSICS - Cd'A Instrument # 62340

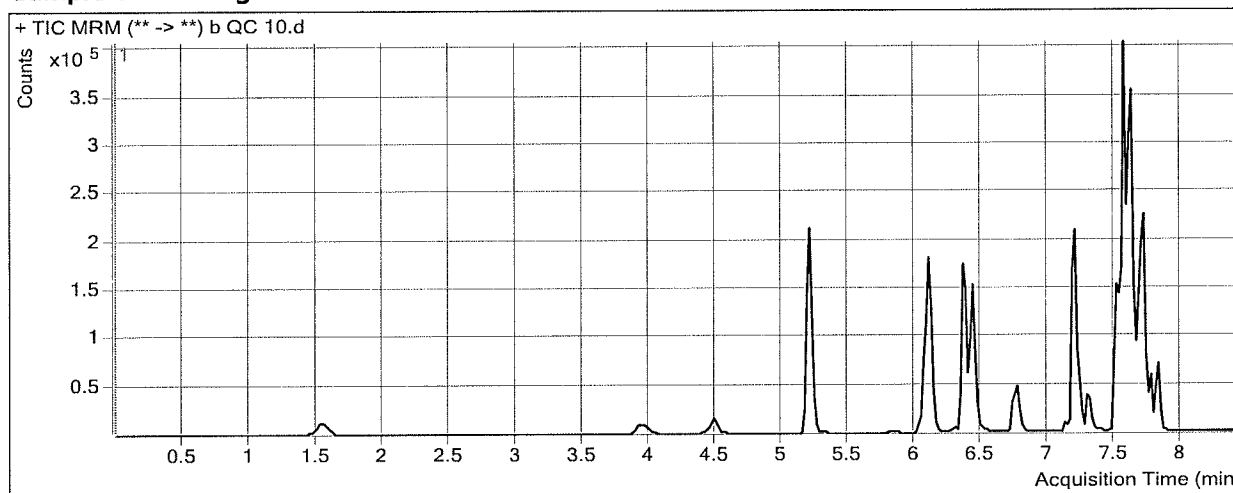
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 19:14 **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	1.548	13579	60379	0.2249	9.9024
Dihydrocodeine	Dihydrocodeine-D6	3.990	11025	55169	0.1998	9.5468
Noroxycodone	Noroxycodone-D3	4.518	14754	54652	0.2700	10.8291
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	122561	535539	0.2289	10.5608
Benzoylcegonine	Benzoylcegonine-d8	5.848	534	3531	0.1513	10.4634
Ketamine	Ketamine-D4	6.081	44550	175501	0.2538	10.1552
Norfentanyl	Norfentanyl-D5	6.124	8727	437913	0.0199	1.0373
Cocaine	Cocaine-d3	6.349	75222	424807	0.1771	9.6578
alpha-PVP	alpha-PVP-d8	6.445	71634	329430	0.2174	9.4590
Mirtazapine	alpha-PVP-d8	6.760	76263	329430	0.2315	9.8505
Norbuprenorphine	Norbuprenorphine-D3	7.113	712	25250	0.0282	1.1934
Fentanyl	Fentanyl-D5	7.196	11573	566119	0.0204	0.9968
Mitragynine	EDDP-D3	7.274	28195	49195	0.5731	10.3766
EDDP	EDDP-D3	7.306	8688	49195	0.1766	9.0027
Quetiapine	Quetiapine-D8	7.497	142663	187756	0.7598	9.7254
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	54191	231119	0.2345	10.5135
Methadone	Methadone-D9	7.560	111427	555976	0.2004	10.7169
Buprenorphine	Buprenorphine-D4	7.755	4121	178024	0.0231	0.8892
Fluoxetine	Fluoxetine-D6	7.622	146916	675681	0.2174	9.7288
Sertraline	Sertraline-D3	7.683	23832	110703	0.2153	11.2446
Temazepam	Temazepam-D5	7.705	57314	263601	0.2174	9.1861
Oxazepam	Oxazepam-D5	7.647	22281	103525	0.2152	10.0878
Nordiazepam	Nordiazepam-D5	7.773	25291	71185	0.3553	9.7296

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

b1 Qc10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	27466	119396	0.2300	9.3025

*Not evaluated
top of qualifier
cut off.
A*



ISP FORENSICS - Cd'A Instrument # 62340

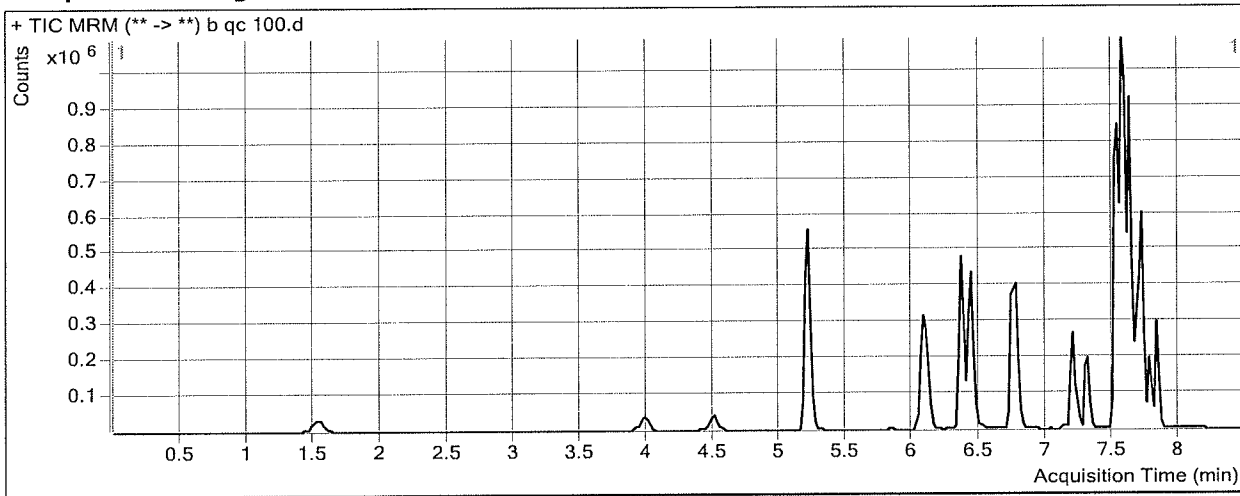
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 23:02 **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	1.548	120140	49778	2.4135	98.9196
Dihydrocodeine	Dihydrocodeine-D6	3.990	108927	52644	2.0691	104.4059
Noroxycodone	Noroxycodone-D3	4.518	109895	37636	2.9200	103.8543
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	1216524	519723	2.3407	109.7288
Benzoylcegonine	Benzoylcegonine-d8	5.828	6152	3635	1.6927	115.5171
Ketamine	Ketamine-D4	6.081	457827	173065	2.6454	103.3899
Norfentanyl	Norfentanyl-D5	6.124	94427	412453	0.2289	9.5484
Cocaine	Cocaine-d3	6.349	714076	389813	1.8318	98.2450
alpha-PVP	alpha-PVP-d8	6.445	690604	307896	2.2430	93.0141
Mirtazapine	alpha-PVP-d8	6.760	747059	307896	2.4263	103.2295
Norbuprenorphine	Norbuprenorphine-D3	7.133	4736	20262	0.2337	10.6786
Fentanyl	Fentanyl-D5	7.196	118178	528538	0.2236	9.6318
Mitragynine	EDDP-D3	7.274	257362	43648	5.8963	103.1563
EDDP	EDDP-D3	7.306	108227	43648	2.4795	96.0487
Quetiapine	Quetiapine-D8	7.517	1340340	170333	7.8689	113.7704
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	465947	207160	2.2492	97.5358
Methadone	Methadone-D9	7.581	1033768	510868	2.0236	105.4687
Buprenorphine	Buprenorphine-D4	7.755	39527	159968	0.2471	9.6035
Fluoxetine	Fluoxetine-D6	7.622	1253577	566039	2.2146	106.3436
Sertraline	Sertraline-D3	7.683	211023	92006	2.2936	99.3801
Temazepam	Temazepam-D5	7.705	579081	256198	2.2603	101.8476
Oxazepam	Oxazepam-D5	7.646	180597	71004	2.5435	106.6248
Nordiazepam	Nordiazepam-D5	7.773	204906	46941	4.3652	109.7889

*Not evaluated
top of qualifier
cut off **

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

B1 QC100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	270488	100675	2.6867	93.2984



ISP FORENSICS - Cd'A Instrument # 62340

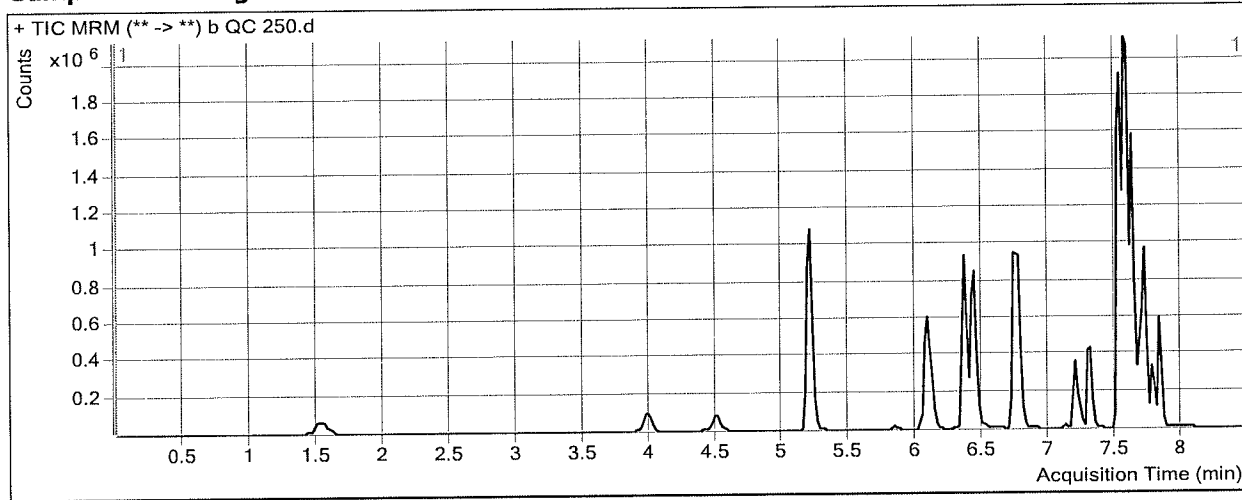
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 23:28 **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	1.548	287628	45357	6.3415	258.6803
Dihydrocodeine	Dihydrocodeine-D6	3.990	269644	51431	5.2428	265.4558
Noroxycodone	Noroxycodone-D3	4.518	247306	32041	7.7184	272.2957
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	2972753	502335	5.9179	277.7038
Benzoylcegonine	Benzoylcegonine-d8	5.828	23596	3614	6.5296	445.1764
Ketamine	Ketamine-D4	6.081	1126247	165695	6.7971	265.2437
Norfentanyl	Norfentanyl-D5	6.124	238473	397475	0.6000	24.6569
Cocaine	Cocaine-d3	6.349	1675685	375683	4.4604	238.9621
alpha-PVP	alpha-PVP-d8	6.445	1710936	298894	5.7242	236.6191
Mirtazapine	alpha-PVP-d8	6.760	1732879	298894	5.7976	246.6613
Norbuprenorphine	Norbuprenorphine-D3	7.133	10820	18540	0.5836	26.8267
Fentanyl	Fentanyl-D5	7.196	291304	504999	0.5768	24.6466
Mitragynine	EDDP-D3	7.274	585808	45564	12.8569	224.4760
EDDP	EDDP-D3	7.306	273750	45564	6.0081	229.4203
Quetiapine	Quetiapine-D8	7.517	3131867	160279	19.5401	284.5841
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	1072731	175740	6.1041	264.0378
Methadone	Methadone-D9	7.581	2484105	470679	5.2777	274.5937
Buprenorphine	Buprenorphine-D4	7.755	94813	144217	0.6574	25.5711
Fluoxetine	Fluoxetine-D6	7.622	2563385	463899	5.5257	266.5169
Sertraline	Sertraline-D3	7.683	392174	66986	5.8546	250.3928
Temazepam	Temazepam-D5	7.705	1115017	195849	5.6932	257.5626
Oxazepam	Oxazepam-D5	7.646	238624	38623	6.1783	257.3369
Nordiazepam	Nordiazepam-D5	7.773	373964	33506	11.1611	279.3699

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

250
BI Qc ~~1000~~
A

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	637917	91343	6.9837	240.2146



ISP FORENSICS - Cd'A Instrument # 62340

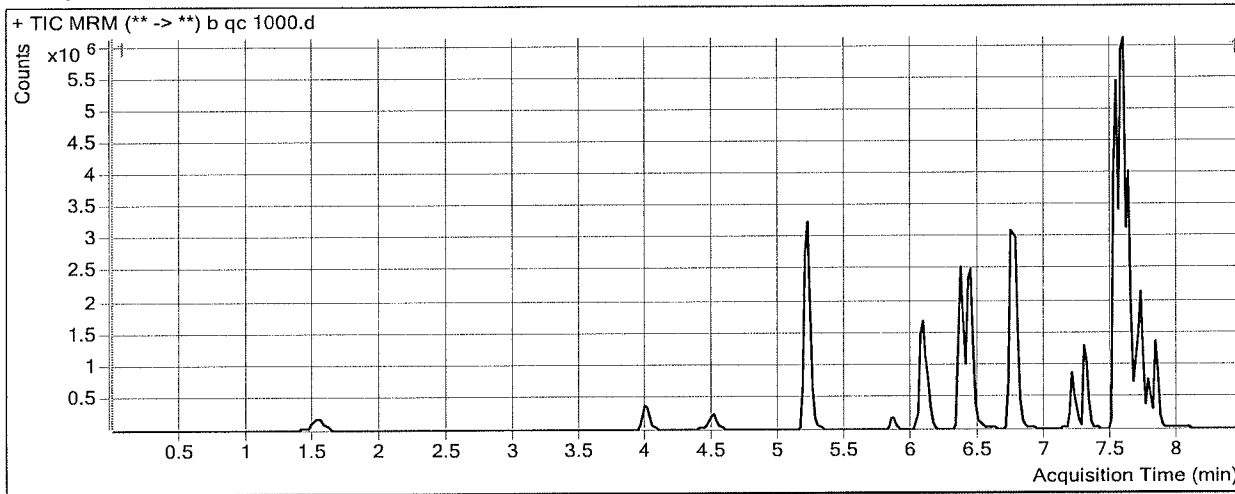
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 23:53 **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	1.548	883697	36979	23.8971	972.7187
Dihydrocodeine	Dihydrocodeine-D6	4.010	922566	52571	17.5489	889.9320
Noroxycodone	Noroxycodone-D3	4.518	736067	26659	27.6105	970.5806
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.219	10287249	469566	21.9080	1028.5636
Benzoylcegonine	Benzoylcegonine-d8	5.828	230697	3652	63.1744	4305.8128 ★
Ketamine	Ketamine-D4	6.081	3865116	161639	23.9120	932.4638
Norfentanyl	Norfentanyl-D5	6.124	873975	346377	2.5232	102.9718
Cocaine	Cocaine-d3	6.349	5281915	318826	16.5668	887.0735
alpha-PVP	alpha-PVP-d8	6.445	5815156	276095	21.0622	869.3245
Mirtazapine	alpha-PVP-d8	6.740	6108330	276095	22.1240	941.2658
Norbuprenorphine	Norbuprenorphine-D3	7.133	37433	17297	2.1641	99.7665
Fentanyl	Fentanyl-D5	7.196	1064671	472223	2.2546	95.9598
Mitragynine	EDDP-D3	7.274	1513224	37655	40.1868	700.8200
EDDP	EDDP-D3	7.306	934893	37655	24.8280	940.7772
Quetiapine	Quetiapine-D8	7.517	8635328	131026	65.9056	963.1651
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	2734555	66834	40.9153	1767.6300 ★
Methadone	Methadone-D9	7.581	7991469	425752	18.7702	975.8267 ★
Buprenorphine	Buprenorphine-D4	7.755	331616	122555	2.7058	105.2804 ★
Fluoxetine	Fluoxetine-D6	7.622	7434976	366579	20.2821	980.3511
Sertraline	Sertraline-D3	7.683	1195868	49257	24.2780	1031.6827
Temazepam	Temazepam-D5	7.705	2687966	105457	25.4888	1155.4636
Oxazepam	Oxazepam-D5	7.647	417707	8382	49.8345	2067.4742 ★
Nordiazepam	Nordiazepam-D5	7.773	798073	20753	38.4558	960.4562 ★

★ - outside curve range

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

BI QC 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	1796129	60222	29.8251	1021.1697



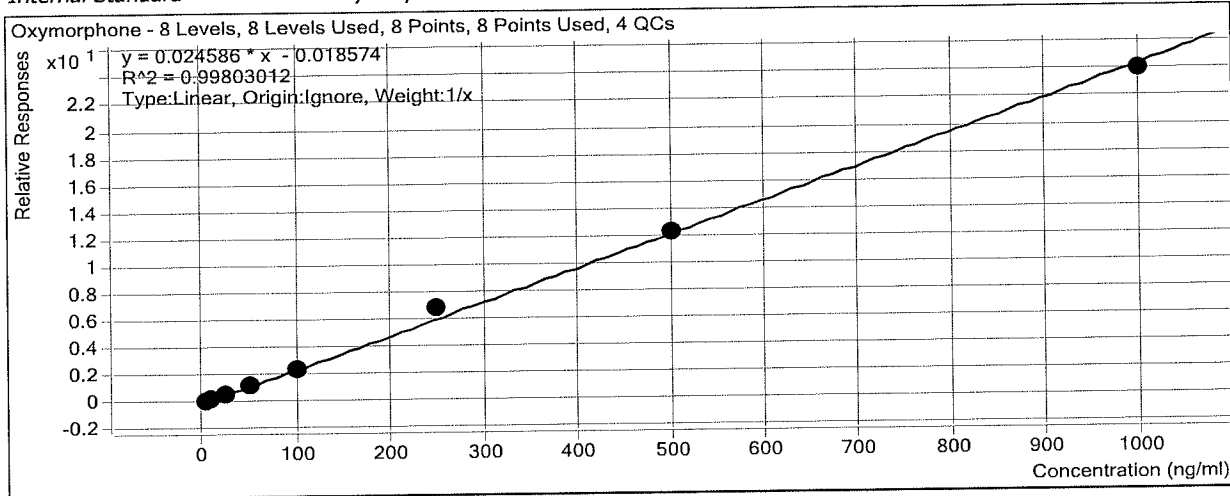
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b qc 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	276.3	110.5
b QC 250	6	<input checked="" type="checkbox"/>	250	258.7	103.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.0	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.9	97.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	972.7	97.3

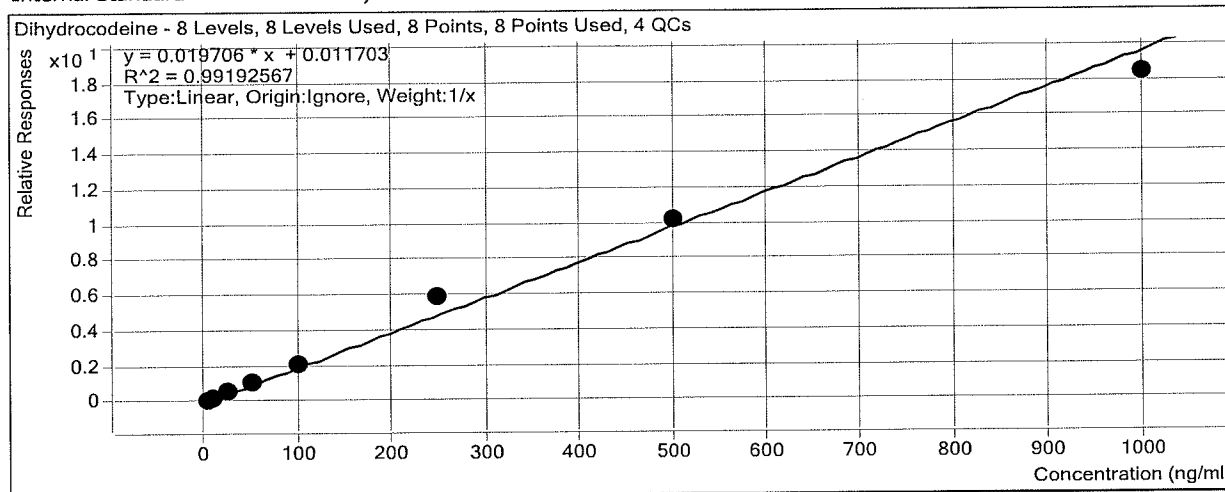
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	85.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	90.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.2	105.2
b qc 100	5	<input checked="" type="checkbox"/>	100	104.4	104.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	297.3	118.9
b QC 250	6	<input checked="" type="checkbox"/>	250	265.5	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.0	103.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	932.8	93.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	889.9	89.0

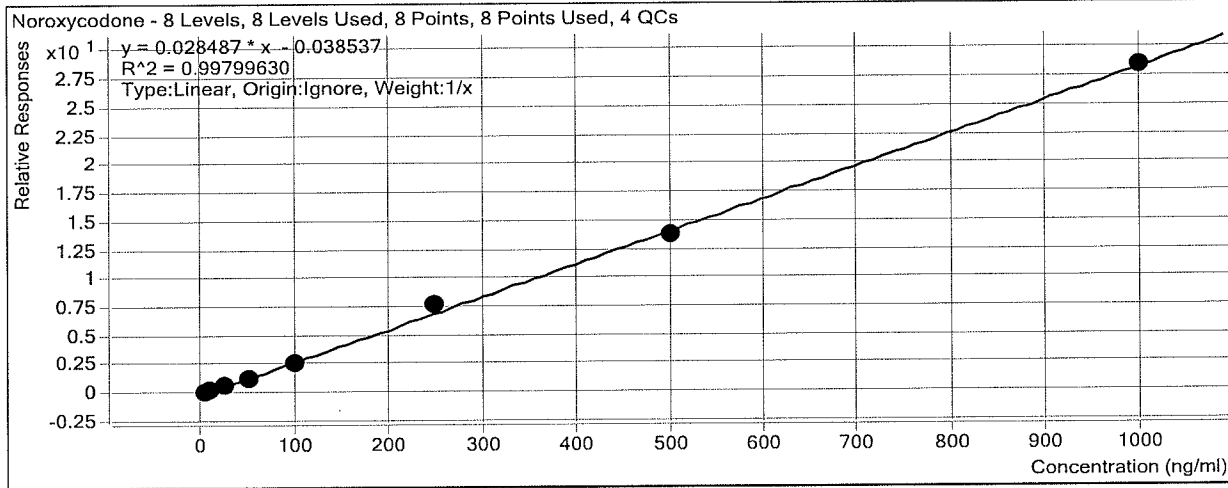
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.7	92.7
b qc 100	5	<input checked="" type="checkbox"/>	100	103.9	103.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.4	109.8
b QC 250	6	<input checked="" type="checkbox"/>	250	272.3	108.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.5	97.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	998.8	99.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	970.6	97.1

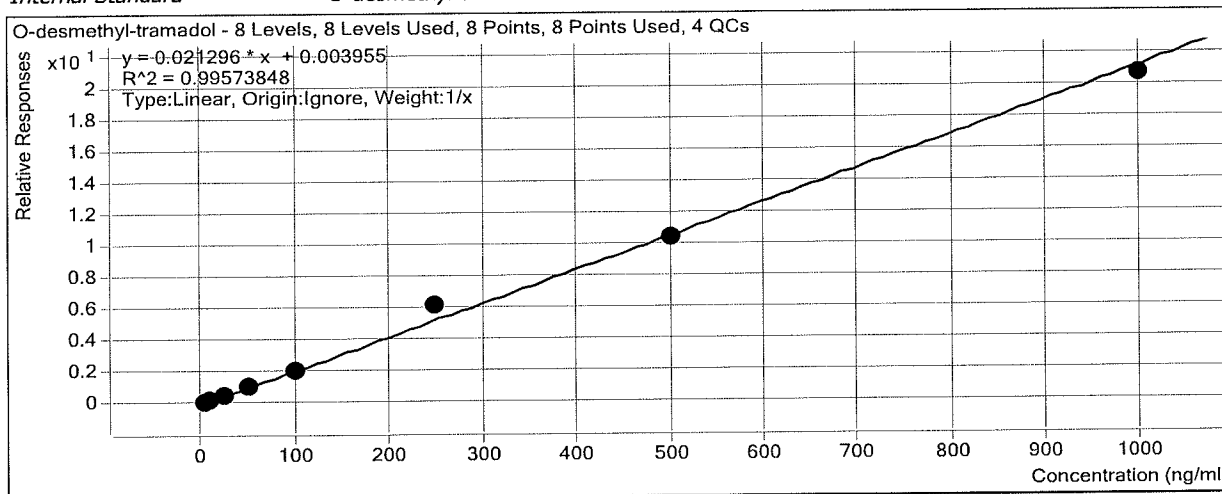
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
b qc 100	5	<input checked="" type="checkbox"/>	100	109.7	109.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	290.0	116.0
b QC 250	6	<input checked="" type="checkbox"/>	250	277.7	111.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.4	98.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	968.7	96.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1028.6	102.9

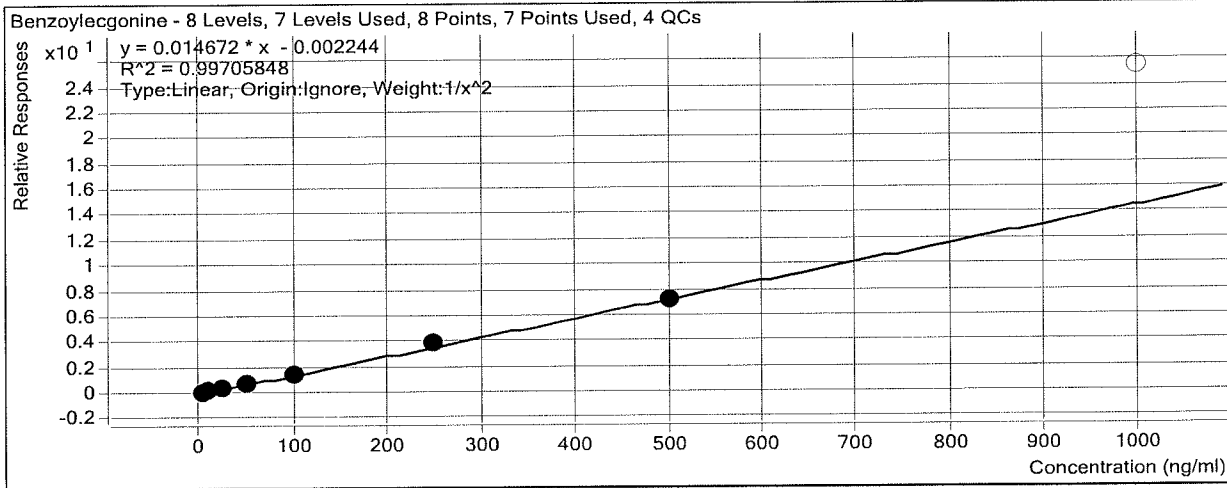
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.0	105.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b qc 100	5	<input checked="" type="checkbox"/>	100	115.5	115.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.3	105.3
b QC 250	6	<input checked="" type="checkbox"/>	250	445.2	178.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.9	97.2
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1733.9	173.4
b qc 1000	8	<input type="checkbox"/>	1000	4305.8	430.6

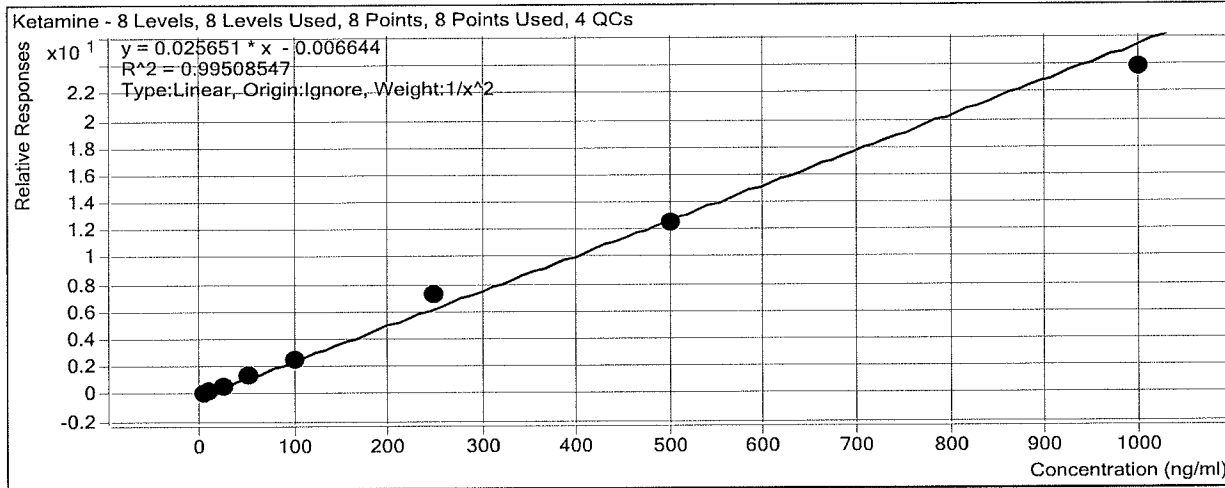
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	282.0	112.8
b QC 250	6	<input checked="" type="checkbox"/>	250	265.2	106.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	488.8	97.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	928.4	92.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	932.5	93.2

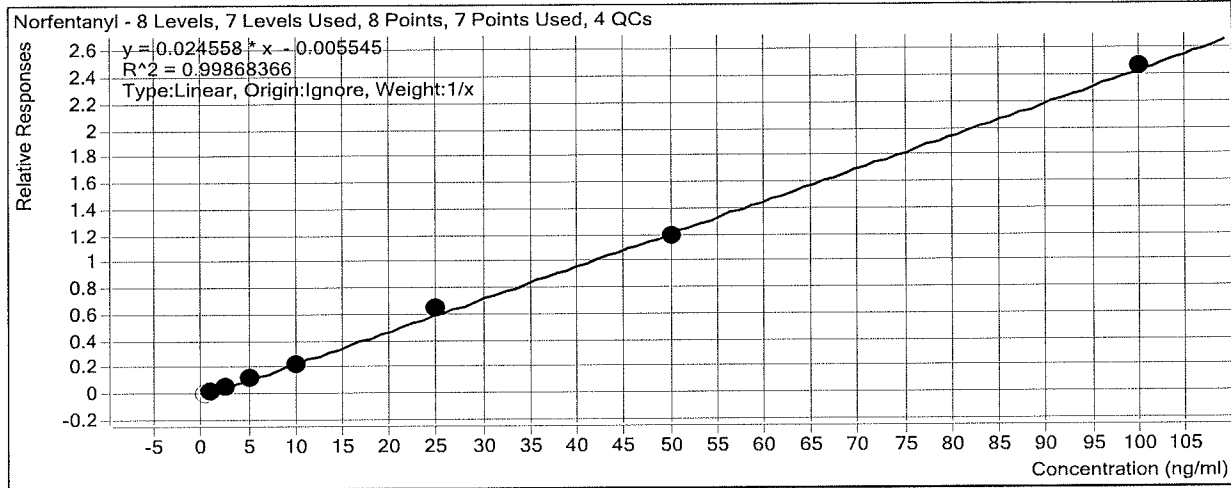
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.6	121.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	104.2
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	103.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	102.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.2	92.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.5	95.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.6	106.5
b QC 250	6	<input checked="" type="checkbox"/>	25	24.7	98.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.7	97.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.6	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	100	103.0	103.0

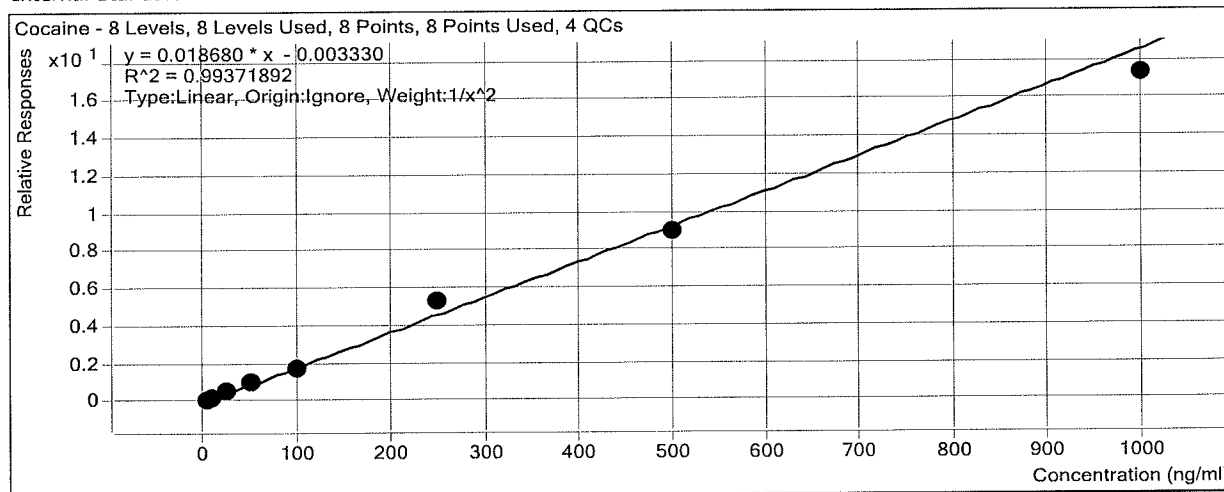
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b qc 100	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.2	112.5
b QC 250	6	<input checked="" type="checkbox"/>	250	239.0	95.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.6	96.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	926.0	92.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	887.1	88.7

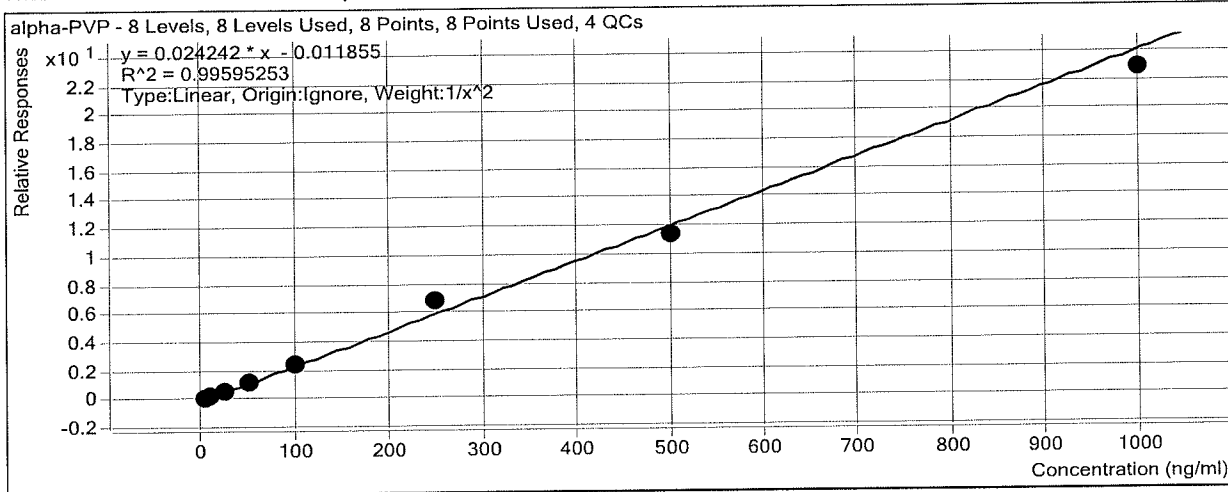
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
b qc 100	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	280.0	112.0
b QC 250	6	<input checked="" type="checkbox"/>	250	236.6	94.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	473.4	94.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	942.0	94.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	869.3	86.9

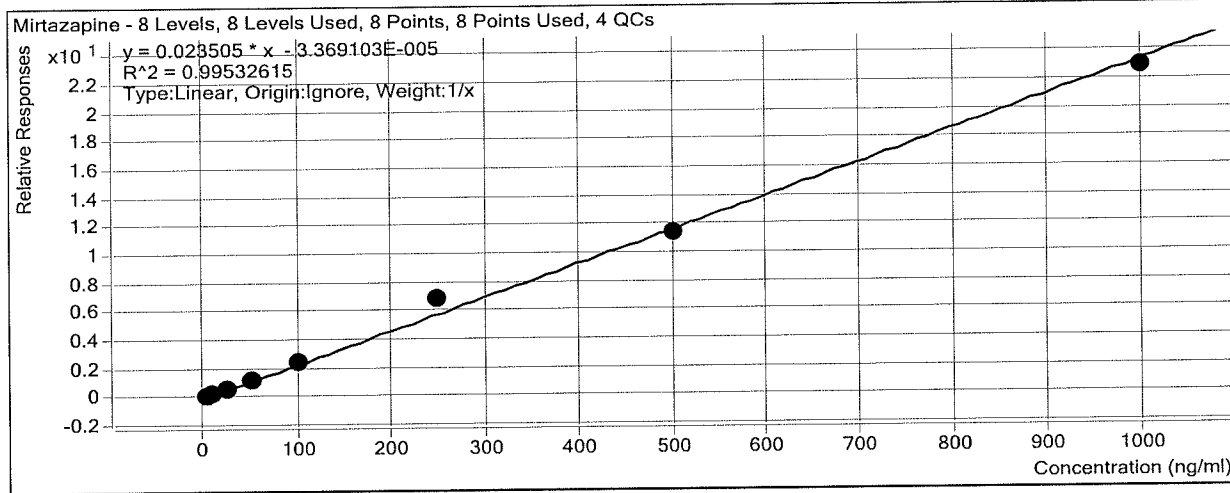
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b qc 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	292.2	116.9
b QC 250	6	<input checked="" type="checkbox"/>	250	246.7	98.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.5	97.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	973.3	97.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	941.3	94.1

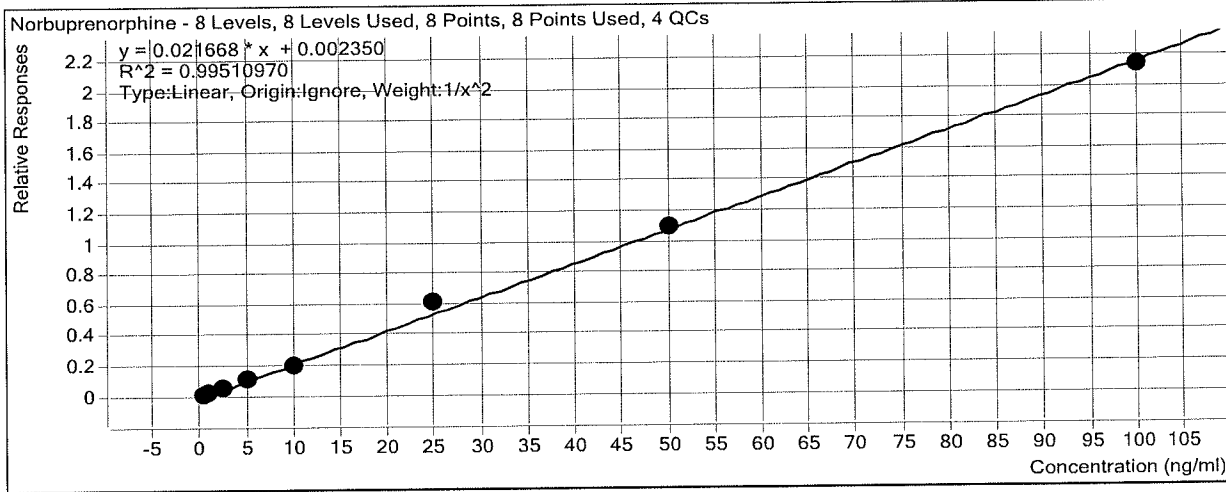
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	103.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	95.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.2	119.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.1	101.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.3	92.9
b qc 100	5	<input checked="" type="checkbox"/>	10	10.7	106.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	28.1	112.2
b QC 250	6	<input checked="" type="checkbox"/>	25	26.8	107.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.4	100.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.4	98.4
b qc 1000	8	<input checked="" type="checkbox"/>	100	99.8	99.8

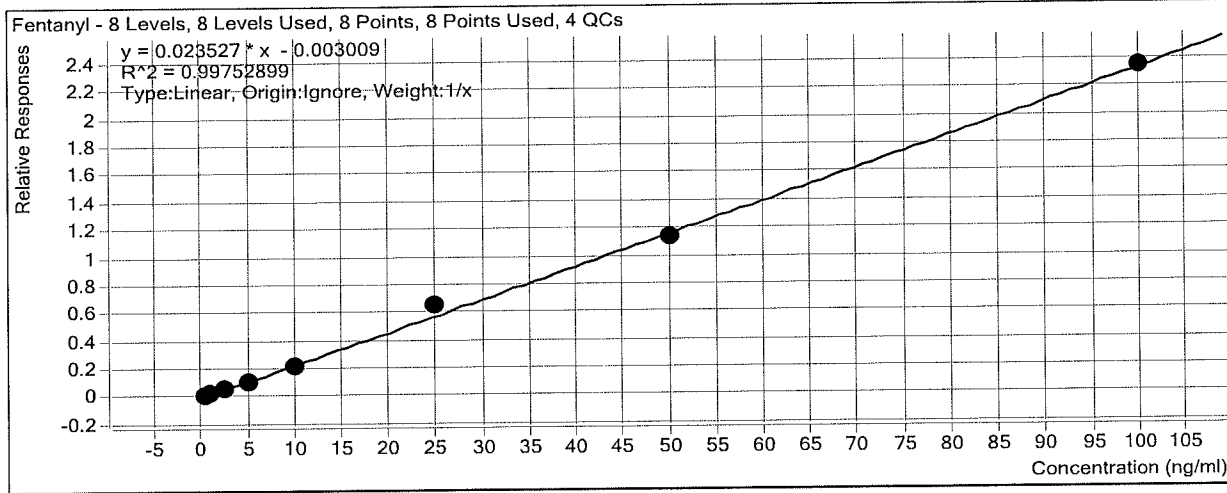
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	113.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	93.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	99.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.0
b qc 100	5	<input checked="" type="checkbox"/>	10	9.6	96.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	27.7	110.8
b QC 250	6	<input checked="" type="checkbox"/>	25	24.6	98.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.6	97.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	99.9	99.9
b qc 1000	8	<input checked="" type="checkbox"/>	100	96.0	96.0

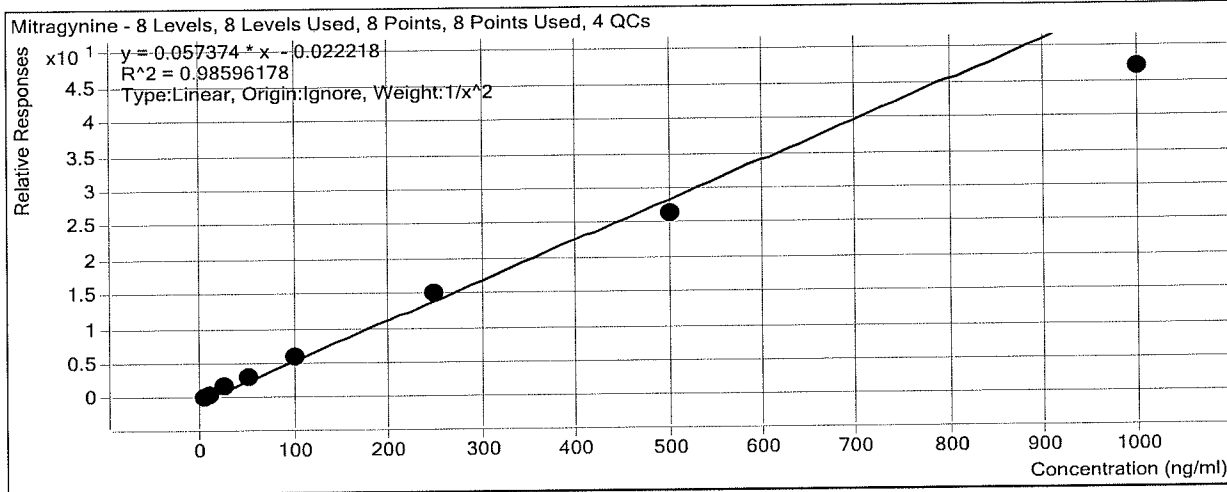
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.5
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.3	113.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.6	111.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b qc 100	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.7	105.1
b QC 250	6	<input checked="" type="checkbox"/>	250	224.5	89.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	462.7	92.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	820.3	82.0
b qc 1000	8	<input type="checkbox"/>	1000	700.8	70.1

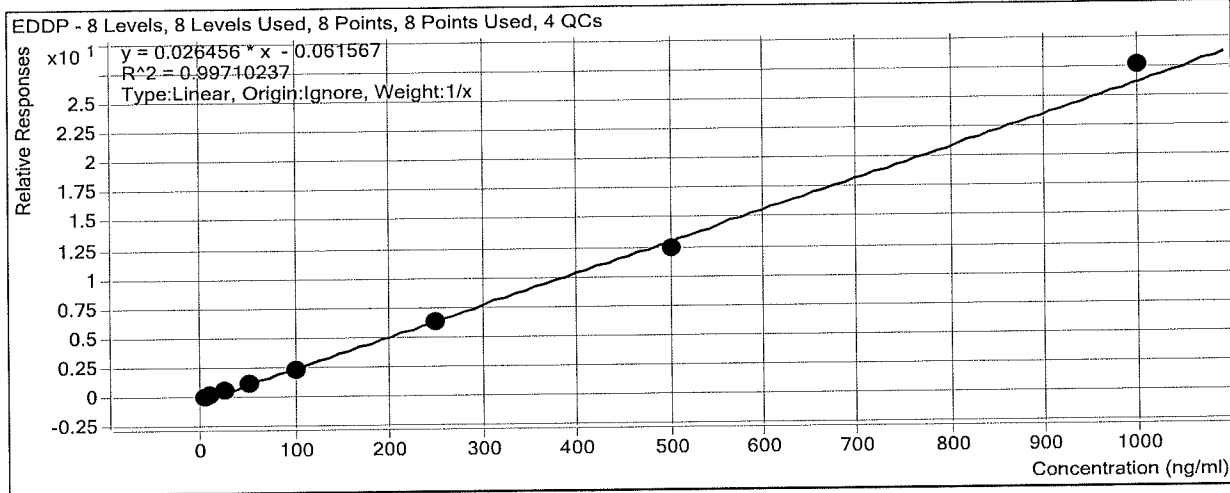
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	107.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.2	88.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b qc 100	5	<input checked="" type="checkbox"/>	100	96.0	96.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.4	97.8
b QC 250	6	<input checked="" type="checkbox"/>	250	229.4	91.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	472.5	94.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1045.3	104.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	940.8	94.1

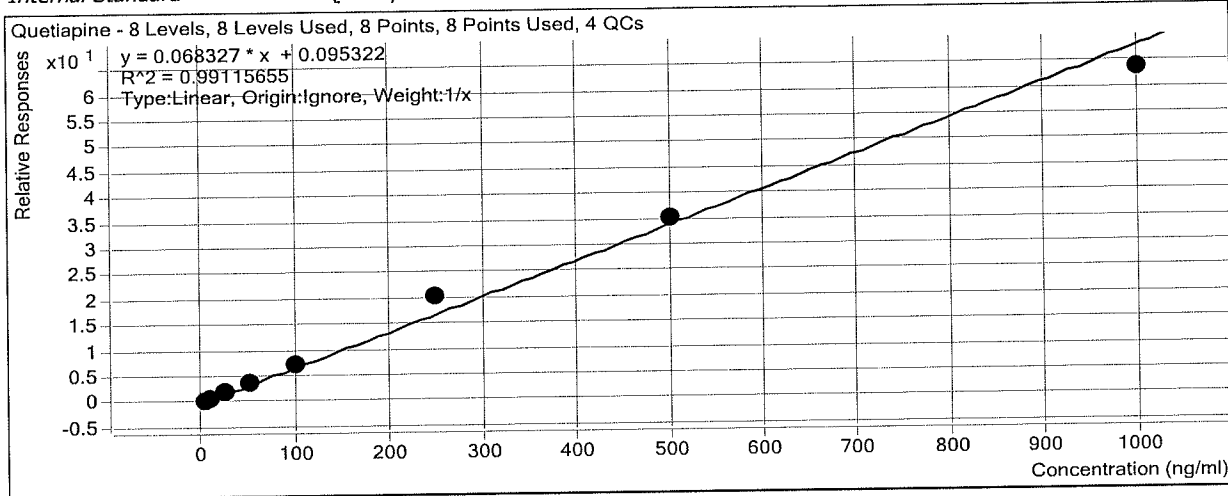
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	83.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b qc 100	5	<input checked="" type="checkbox"/>	100	113.8	113.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	298.8	119.5
b QC 250	6	<input checked="" type="checkbox"/>	250	284.6	113.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.6	103.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	928.7	92.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	963.2	96.3

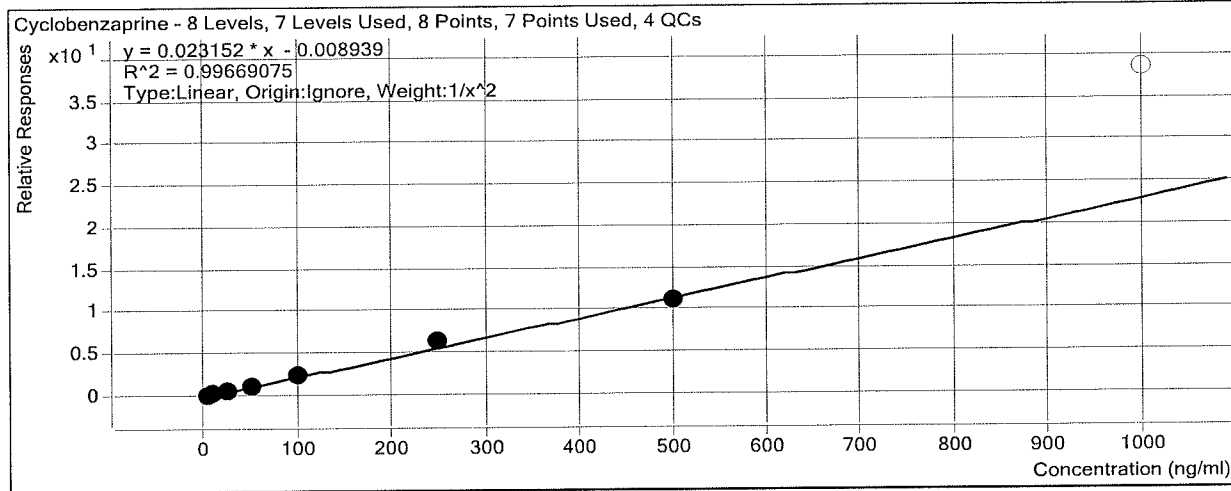
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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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	5.2	103.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
b qc 100	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	272.8	109.1
b QC 250	6	<input checked="" type="checkbox"/>	250	264.0	105.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	482.8	96.6
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1663.1	166.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1767.6	176.8

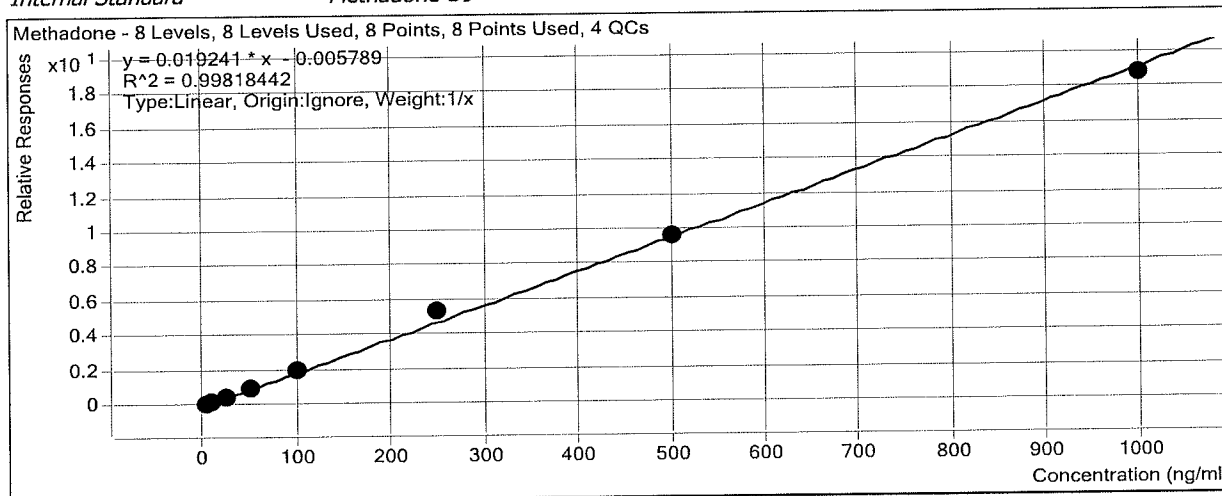
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	4.5	90.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
b QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
b qc 100	5	<input checked="" type="checkbox"/>	100	105.5	105.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	275.1	110.0
b QC 250	6	<input checked="" type="checkbox"/>	250	274.6	109.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.0	99.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	975.2	97.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	975.8	97.6

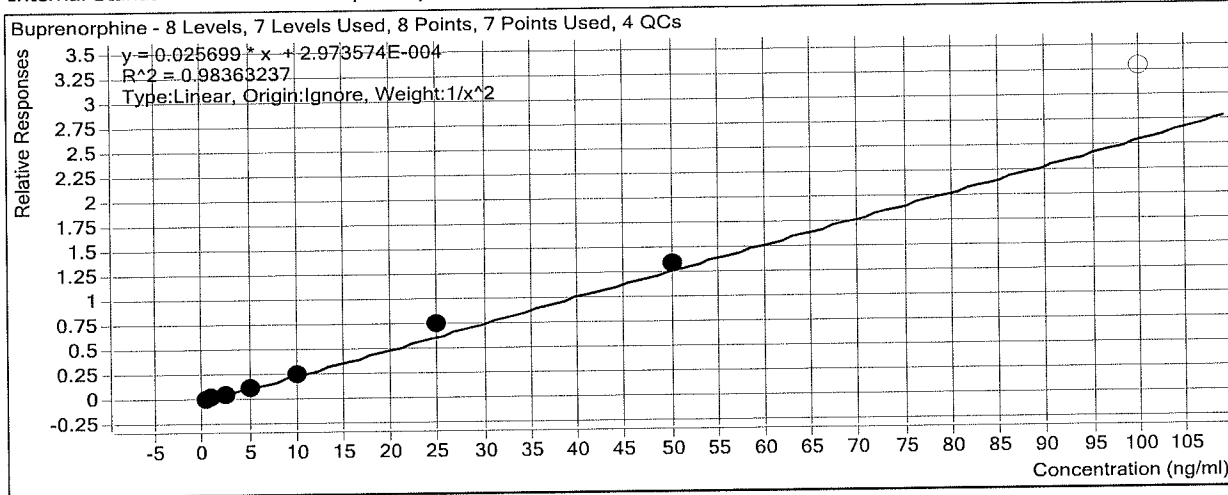
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	109.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	87.2
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	88.9
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	5.0	99.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.8	98.3
b qc 100	5	<input checked="" type="checkbox"/>	10	9.6	96.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	29.0	115.8
b QC 250	6	<input checked="" type="checkbox"/>	25	25.6	102.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.1	104.1
b cal 8-1000ng	8	<input type="checkbox"/>	100	128.1	128.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	105.3	105.3

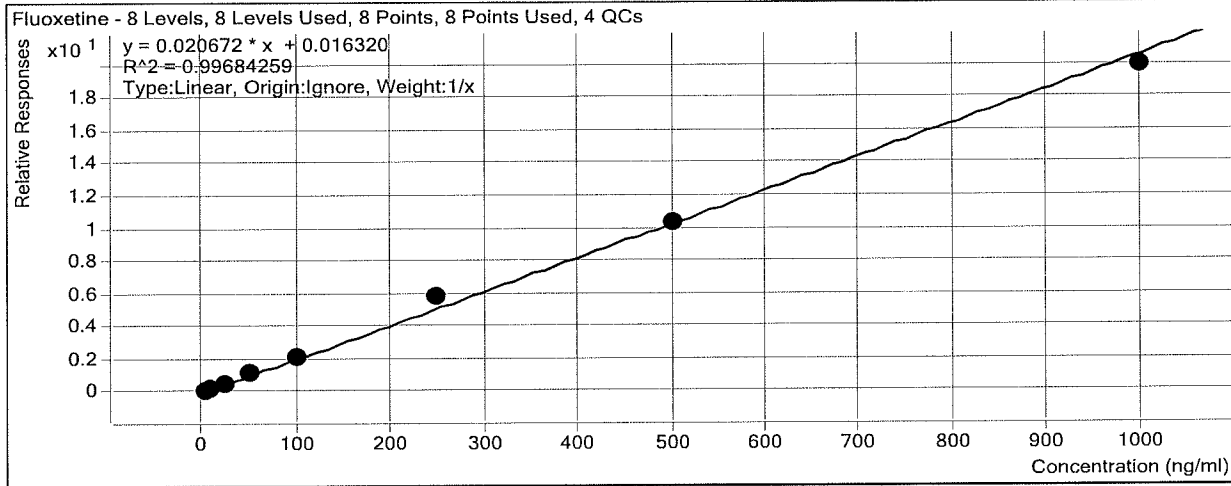
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	4.4	88.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
b qc 100	5	<input checked="" type="checkbox"/>	100	106.3	106.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.4	112.6
b QC 250	6	<input checked="" type="checkbox"/>	250	266.5	106.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.0	100.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.6	96.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	980.4	98.0

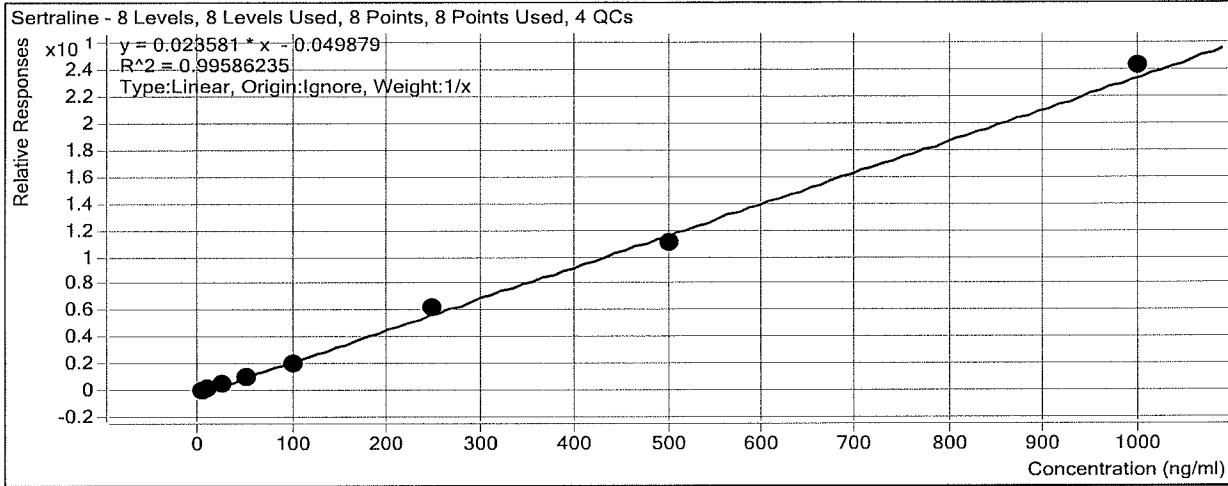
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	6.1	123.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.8
b QC 10	2	<input checked="" type="checkbox"/>	10	11.2	112.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.1	84.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	85.0	85.0
b qc 100	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.0	107.2
b QC 250	6	<input checked="" type="checkbox"/>	250	250.4	100.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	469.5	93.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.3	103.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1031.7	103.2

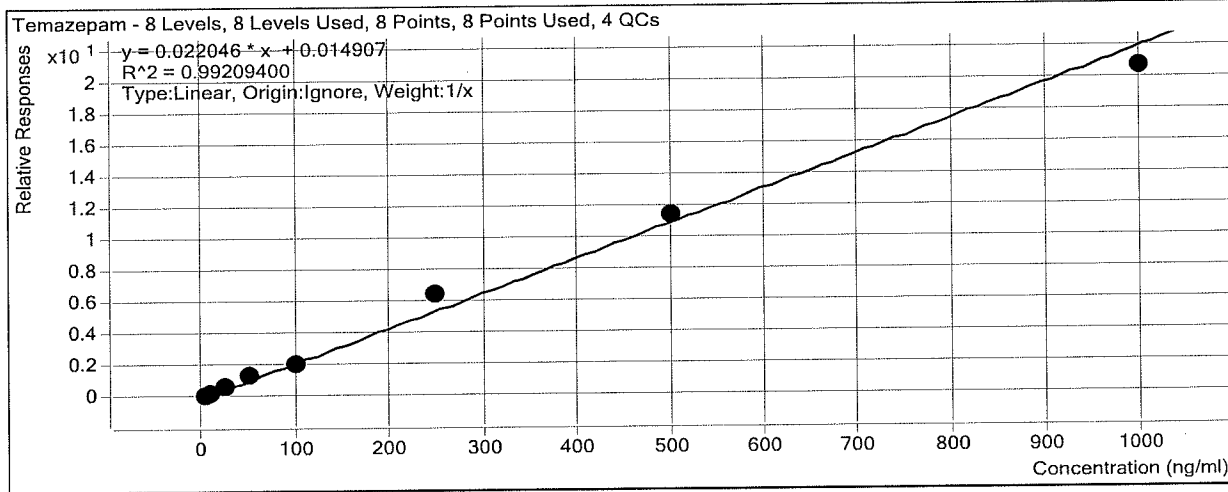
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	4.3	86.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.2	91.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.9	113.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.1	95.1
b qc 100	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	294.5	117.8
b QC 250	6	<input checked="" type="checkbox"/>	250	257.6	103.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.4	103.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	936.1	93.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1155.5	115.5

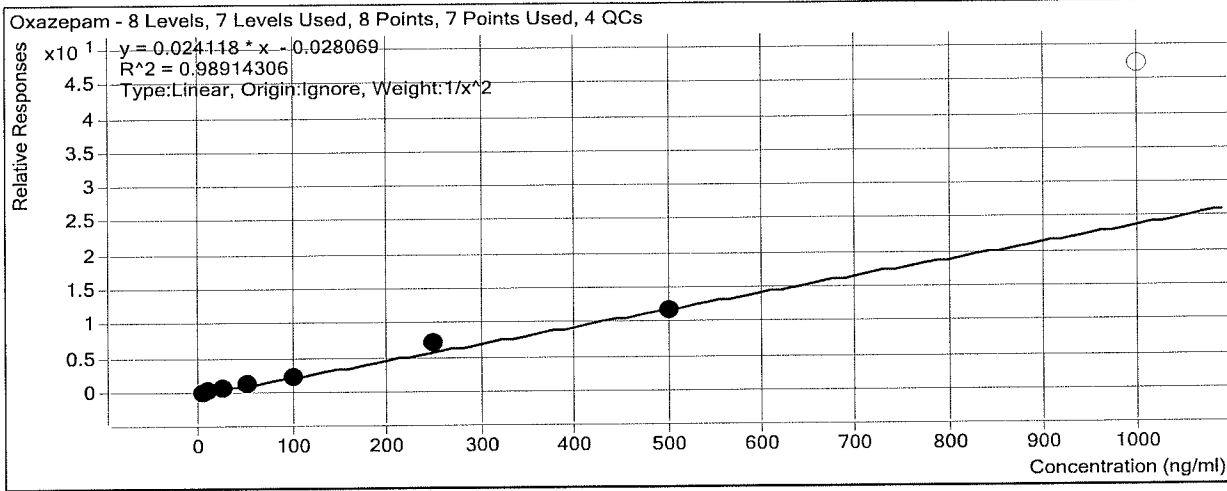
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	104.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.1	92.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.0	96.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b qc 100	5	<input checked="" type="checkbox"/>	100	106.6	106.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	296.1	118.4
b QC 250	6	<input checked="" type="checkbox"/>	250	257.3	102.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.5	97.1
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1959.9	196.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	2067.5	206.7

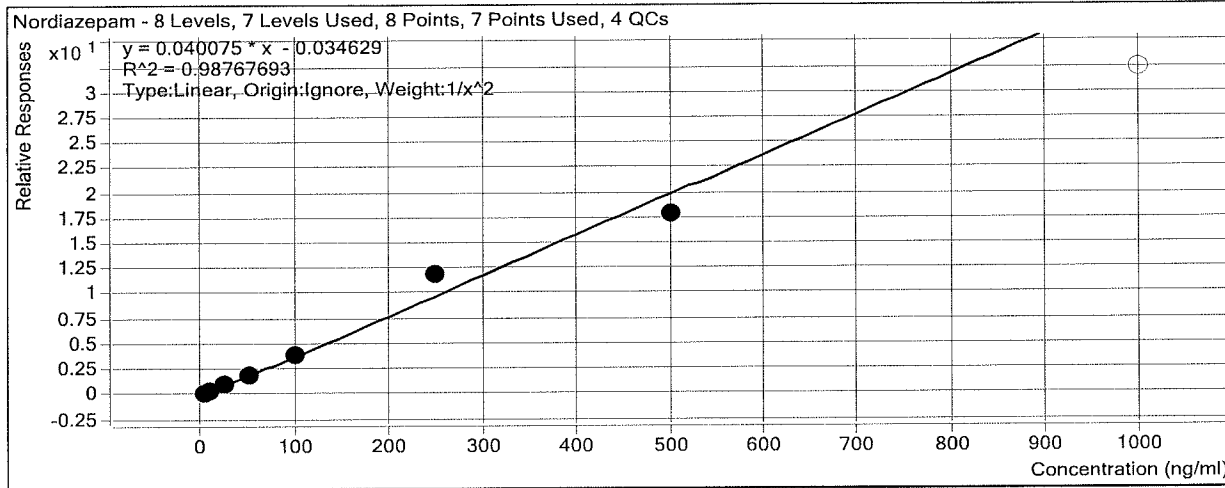
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	5.1	102.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.0	95.0
b qc 100	5	<input checked="" type="checkbox"/>	100	109.8	109.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	298.7	119.5
b QC 250	6	<input checked="" type="checkbox"/>	250	279.4	111.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	446.9	89.4
b cal 8-1000ng	8	<input type="checkbox"/>	1000	806.8	80.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	960.5	96.0

ISP Forensics Calibration Curve Report

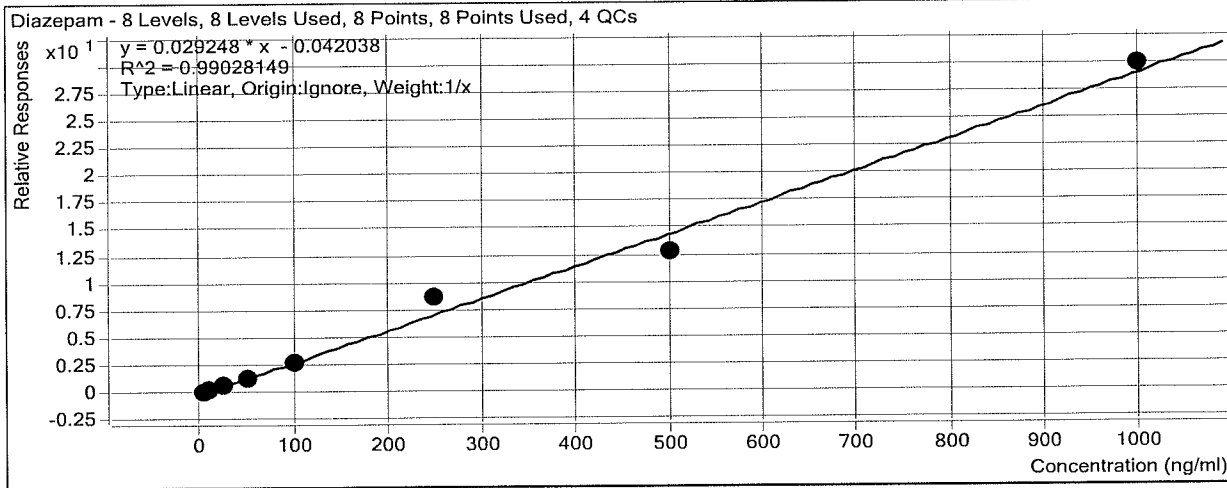
Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
8/9/2018 8:20 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	5.5	110.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.8	93.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.3	91.3
b qc 100	5	<input checked="" type="checkbox"/>	100	93.3	93.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	297.6	119.0
b QC 250	6	<input checked="" type="checkbox"/>	250	240.2	96.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	442.3	88.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.0	102.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.2	102.1

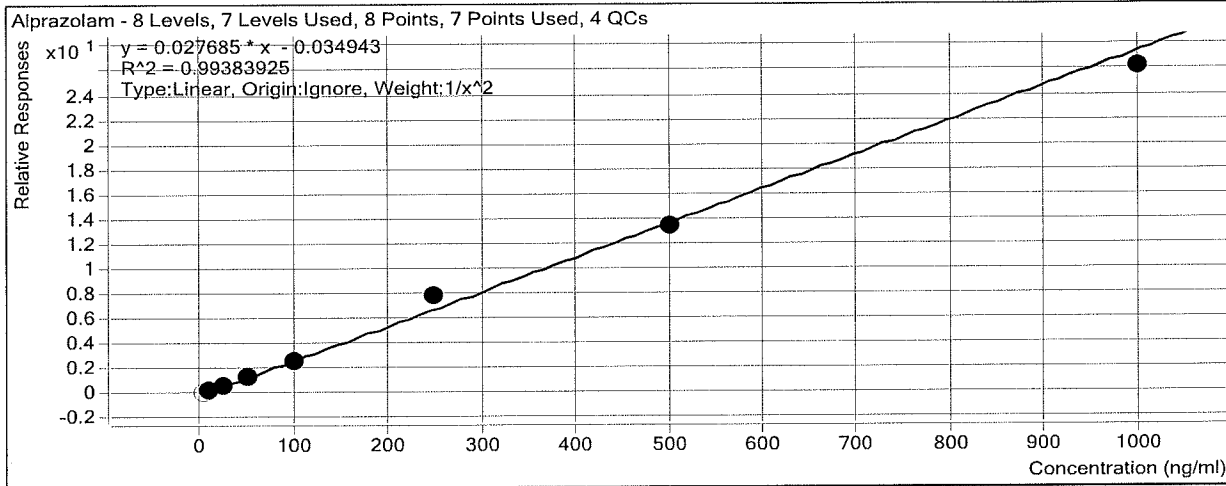
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\08082018 mdq\QuantResults\p1a mdq.batch.bin
8/9/2018 8:40 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 type="checkbox"/>	5	5.6	111.1 - Top of qualifier cut off. <i>A</i>
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.9	93.9
a qc 100	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	285.0	114.0
a QC 250	6	<input checked="" type="checkbox"/>	250	258.2	103.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.4	96.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	947.4	94.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	978.0	97.8

A

ISP FORENSICS - Cd'A Instrument # 62340

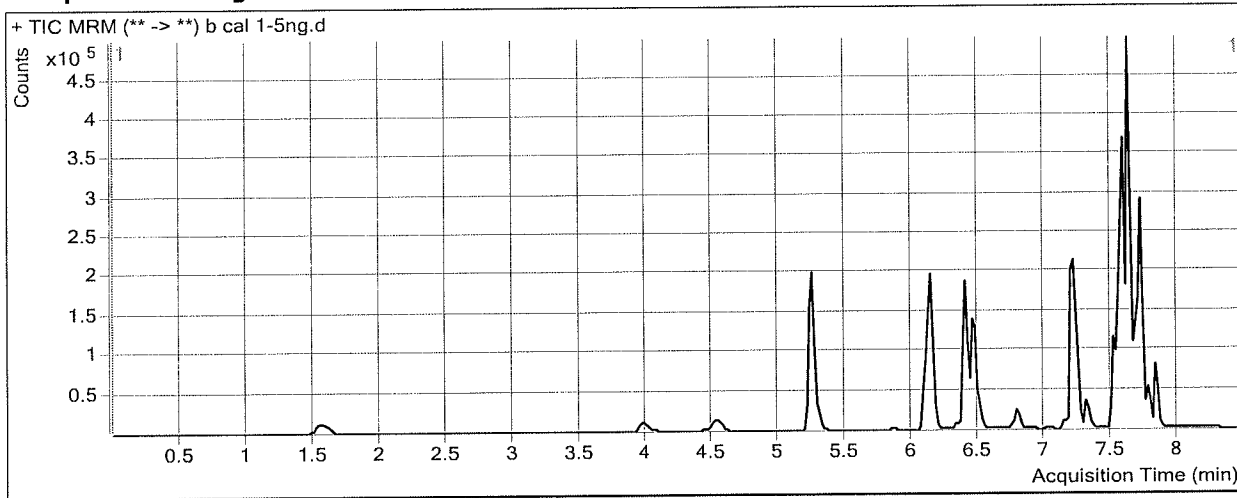
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 14:47 **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	1.568	7137	65689	0.1086	5.1744
Dihydrocodeine	Dihydrocodeine-D6	4.050	5970	62219	0.0959	4.2751
Noroxycodone	Noroxycodone-D3	4.558	8104	64349	0.1259	5.7738
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	60375	594721	0.1015	4.5813
Benzoylcegonine	Benzoylcegonine-d8	5.868	314	4433	0.0707	4.9748
Ketamine	Ketamine-D4	6.120	25608	205237	0.1248	5.1232
Norfentanyl	Norfentanyl-D5	6.164	4751	506827	0.0094	0.6075
Cocaine	Cocaine-d3	6.389	43939	481852	0.0912	5.0599
alpha-PVP	alpha-PVP-d8	6.485	41672	379468	0.1098	5.0191
Mirtazapine	alpha-PVP-d8	6.779	41204	379468	0.1086	4.6211
Norbuprenorphine	Norbuprenorphine-D3	7.133	386	28580	0.0135	0.5157
Fentanyl	Fentanyl-D5	7.217	6640	643574	0.0103	0.5664
Mitragynine	EDDP-D3	7.294	14737	56025	0.2630	4.9720
EDDP	EDDP-D3	7.306	5318	56025	0.0949	5.9152
Quetiapine	Quetiapine-D8	7.517	77712	204022	0.3809	4.1796
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	32868	297390	0.1105	5.1598
Methadone	Methadone-D9	7.581	53889	660166	0.0816	4.5433
Buprenorphine	Buprenorphine-D4	7.755	2682	187561	0.0143	0.5448
Fluoxetine	Fluoxetine-D6	7.622	96949	895745	0.1082	4.4463
Sertraline	Sertraline-D3	7.683	18418	193667	0.0951	6.1482
Temazepam	Temazepam-D5	7.705	30663	279580	0.1097	4.2985
Oxazepam	Oxazepam-D5	7.667	12019	123496	0.0973	5.1991
Nordiazepam	Nordiazepam-D5	7.793	13846	81538	0.1698	5.1013



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

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	16641	139481	0.1193	5.5163



ISP FORENSICS - Cd'A Instrument # 62340

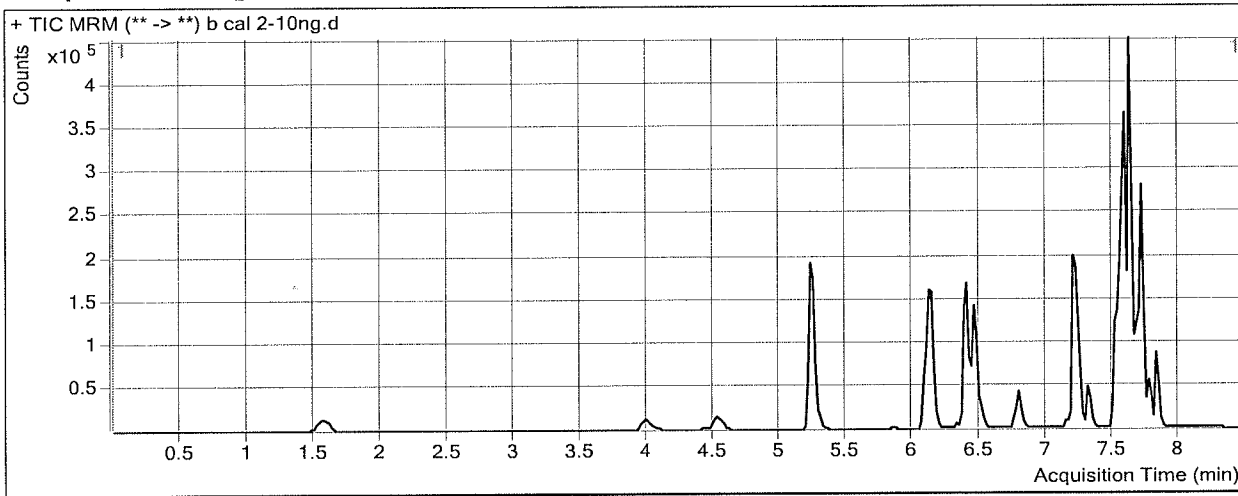
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 15:13 **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	1.588	13665	62069	0.2202	9.7099
Dihydrocodeine	Dihydrocodeine-D6	4.050	10761	56405	0.1908	9.0873
Noroxycodone	Noroxycodone-D3	4.558	13371	58225	0.2296	9.4143
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	112217	537709	0.2087	9.6141
Benzoylcegonine	Benzoylcegonine-d8	5.868	443	3029	0.1463	10.1239
Ketamine	Ketamine-D4	6.101	42194	178184	0.2368	9.4905
Norfentanyl	Norfentanyl-D5	6.164	8809	439435	0.0200	1.0421
Cocaine	Cocaine-d3	6.389	74476	426423	0.1747	9.5283
alpha-PVP	alpha-PVP-d8	6.465	72182	317125	0.2276	9.8783
Mirtazapine	alpha-PVP-d8	6.779	72339	317125	0.2281	9.7063
Norbuprenorphine	Norbuprenorphine-D3	7.153	614	26651	0.0230	0.9551
Fentanyl	Fentanyl-D5	7.217	11059	579353	0.0191	0.9393
Mitragynine	EDDP-D3	7.294	28160	54768	0.5142	9.3489
EDDP	EDDP-D3	7.306	12250	54768	0.2237	10.7817
Quetiapine	Quetiapine-D8	7.517	141851	195150	0.7269	9.2431
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	56314	268658	0.2096	9.4398
Methadone	Methadone-D9	7.581	106060	570889	0.1858	9.9563
Buprenorphine	Buprenorphine-D4	7.755	4092	180118	0.0227	0.8724
Fluoxetine	Fluoxetine-D6	7.622	159486	742749	0.2147	9.5978
Sertraline	Sertraline-D3	7.683	25477	126155	0.2019	10.6794
Temazepam	Temazepam-D5	7.705	59322	272327	0.2178	9.2045
Oxazepam	Oxazepam-D5	7.667	23317	115203	0.2024	9.5560
Nordiazepam	Nordiazepam-D5	7.793	24859	70443	0.3529	9.6699



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

b1 ca)2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	31549	123385	0.2557	10.1797

A

ISP FORENSICS - Cd'A Instrument # 62340

Multi-Drug Confirmatory Analysis Report

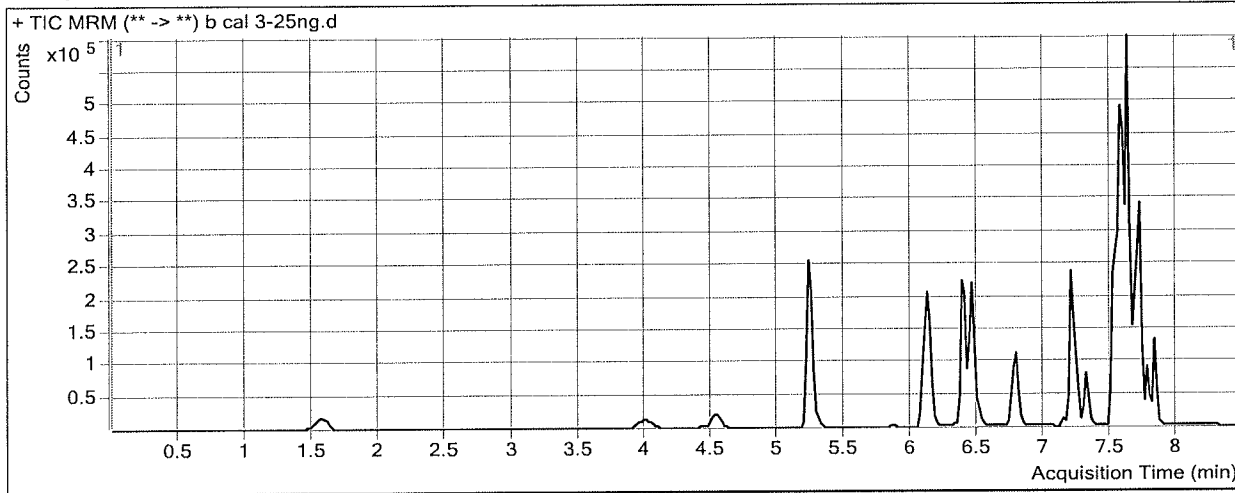
b1 cal 3

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 15:38 **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	1.588	34265	60680	0.5647	23.7226
Dihydrocodeine	Dihydrocodeine-D6	4.030	28313	55421	0.5109	25.3304
Noroxycodone	Noroxycodone-D3	4.558	37290	58133	0.6415	23.8701
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	289520	539437	0.5367	25.0168
Benzoylcegonine	Benzoylcegonine-d8	5.868	1299	3643	0.3565	24.4518
Ketamine	Ketamine-D4	6.101	117944	188064	0.6271	24.7082
Norfentanyl	Norfentanyl-D5	6.144	26519	460621	0.0576	2.5702
Cocaine	Cocaine-d3	6.369	199844	412926	0.4840	26.0874
alpha-PVP	alpha-PVP-d8	6.465	207499	349851	0.5931	24.9553
Mirtazapine	alpha-PVP-d8	6.779	202151	349851	0.5778	24.5847
Norbuprenorphine	Norbuprenorphine-D3	7.153	1482	27480	0.0539	2.3797
Fentanyl	Fentanyl-D5	7.217	32532	583997	0.0557	2.4957
Mitragynine	EDDP-D3	7.294	76258	47698	1.5988	28.2528
EDDP	EDDP-D3	7.306	27287	47698	0.5721	23.9506
Quetiapine	Quetiapine-D8	7.517	357568	202641	1.7645	24.4298
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	149138	267900	0.5567	24.4311
Methadone	Methadone-D9	7.581	280777	593698	0.4729	24.8799
Buprenorphine	Buprenorphine-D4	7.755	9731	175474	0.0555	2.1464
Fluoxetine	Fluoxetine-D6	7.622	433890	820960	0.5285	24.7773
Sertraline	Sertraline-D3	7.683	76882	171689	0.4478	21.1051
Temazepam	Temazepam-D5	7.705	143185	258406	0.5541	24.4575
Oxazepam	Oxazepam-D5	7.646	55466	104939	0.5285	23.0793
Nordiazepam	Nordiazepam-D5	7.773	62963	66136	0.9520	24.6200

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

bl cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	80195	125510	0.6390	23.2835



ISP FORENSICS - Cd'A Instrument # 62340

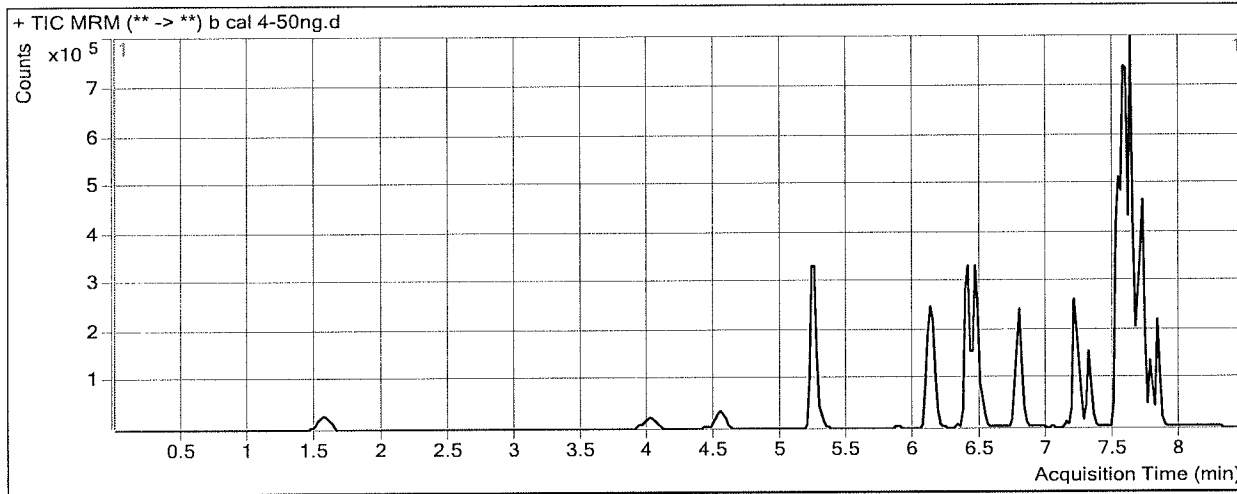
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 16:04 **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	1.588	76367	63549	1.2017	49.6317
Dihydrocodeine	Dihydrocodeine-D6	4.030	60953	60026	1.0154	50.9353
Noroxycodone	Noroxycodone-D3	4.558	80666	61306	1.3158	47.5413
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	609023	557559	1.0923	51.1062
Benzoyllecgonine	Benzoyllecgonine-d8	5.868	3141	4054	0.7749	52.9657
Ketamine	Ketamine-D4	6.101	251603	193342	1.3013	50.9914
Norfentanyl	Norfentanyl-D5	6.164	53917	477133	0.1130	4.8273
Cocaine	Cocaine-d3	6.389	430097	442083	0.9729	52.2613
alpha-PVP	alpha-PVP-d8	6.465	443502	362371	1.2239	50.9756
Mirtazapine	alpha-PVP-d8	6.779	431960	362371	1.1920	50.7165
Norbuprenorphine	Norbuprenorphine-D3	7.153	3201	28410	0.1127	5.0920
Fentanyl	Fentanyl-D5	7.217	65632	609850	0.1076	4.7023
Mitragynine	EDDP-D3	7.294	162341	51290	3.1651	55.5537
EDDP	EDDP-D3	7.306	56759	51290	1.1066	44.1552
Quetiapine	Quetiapine-D8	7.517	771589	206585	3.7350	53.2681
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	300743	263877	1.1397	49.6132
Methadone	Methadone-D9	7.581	603713	614356	0.9827	51.3725
Buprenorphine	Buprenorphine-D4	7.755	21452	167133	0.1284	4.9830
Fluoxetine	Fluoxetine-D6	7.622	830962	767677	1.0824	51.5732
Sertraline	Sertraline-D3	7.683	174177	160005	1.0886	48.2788
Temazepam	Temazepam-D5	7.705	283371	223376	1.2686	56.8652
Oxazepam	Oxazepam-D5	7.646	100127	88563	1.1306	48.0415
Nordiazepam	Nordiazepam-D5	7.773	124645	63974	1.9484	49.4821

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

bl cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	170946	128813	1.3271	46.8112



ISP FORENSICS - Cd'A Instrument # 62340

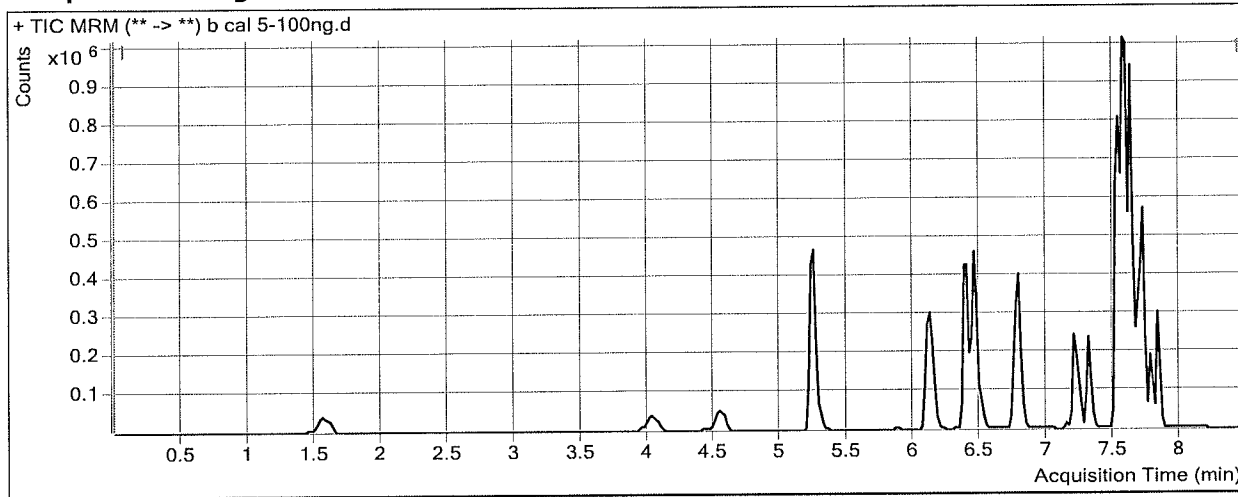
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 16:29 **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	1.568	136179	57744	2.3583	96.6754
Dihydrocodeine	Dihydrocodeine-D6	4.030	109694	52609	2.0851	105.2143
Noroxycodone	Noroxycodone-D3	4.558	137805	52969	2.6016	92.6789
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	1074071	510471	2.1041	98.6169
Benzoylcegonine	Benzoylcegonine-d8	5.868	4212	3091	1.3627	93.0312
Ketamine	Ketamine-D4	6.101	434763	172691	2.5176	98.4062
Norfentanyl	Norfentanyl-D5	6.164	91592	415477	0.2205	9.2027
Cocaine	Cocaine-d3	6.389	712209	409710	1.7383	93.2387
alpha-PVP	alpha-PVP-d8	6.465	746351	315137	2.3683	98.1854
Mirtazapine	alpha-PVP-d8	6.779	736622	315137	2.3375	99.4488
Norbuprenorphine	Norbuprenorphine-D3	7.153	4888	23999	0.2037	9.2920
Fentanyl	Fentanyl-D5	7.217	108107	512195	0.2111	9.0993
Mitragynine	EDDP-D3	7.294	266175	45069	5.9059	103.3245
EDDP	EDDP-D3	7.306	108076	45069	2.3980	92.9671
Quetiapine	Quetiapine-D8	7.517	1290145	179466	7.1888	103.8167
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	468546	203586	2.3015	99.7926
Methadone	Methadone-D9	7.581	993101	517989	1.9172	99.9427
Buprenorphine	Buprenorphine-D4	7.755	36873	145768	0.2530	9.8317
Fluoxetine	Fluoxetine-D6	7.622	1292170	598631	2.1585	103.6294
Sertraline	Sertraline-D3	7.683	219631	112321	1.9554	85.0382
Temazepam	Temazepam-D5	7.705	465770	220517	2.1122	95.1295
Oxazepam	Oxazepam-D5	7.646	159709	69453	2.2995	96.5106
Nordiazepam	Nordiazepam-D5	7.773	200751	53222	3.7720	94.9868



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

bl cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	289367	110061	2.6291	91.3289



ISP FORENSICS - Cd'A Instrument # 62340

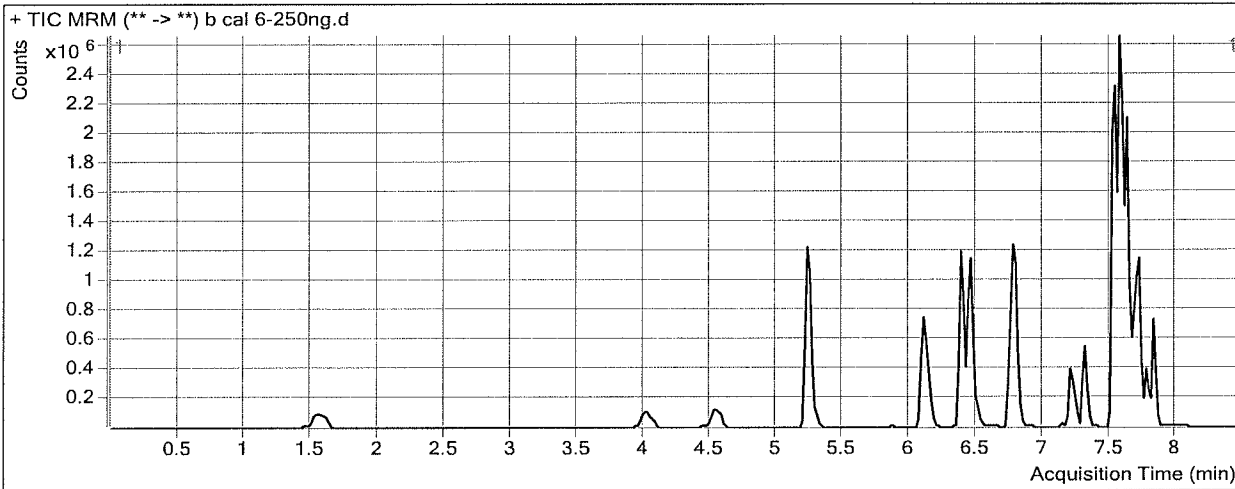
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 16:54 **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	1.568	408980	60378	6.7736	276.2586
Dihydrocodeine	Dihydrocodeine-D6	4.030	345245	58806	5.8709	297.3282
Noroxycodone	Noroxycodone-D3	4.558	380238	48886	7.7780	274.3877
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	3465298	560832	6.1789	289.9587
Benzoylcegonine	Benzoylcegonine-d8	5.868	13151	3406	3.8607	263.2791
Ketamine	Ketamine-D4	6.101	1421150	196617	7.2280	282.0410
Norfentanyl	Norfentanyl-D5	6.144	287383	443200	0.6484	26.6301
Cocaine	Cocaine-d3	6.369	2292976	436747	5.2501	281.2414
alpha-PVP	alpha-PVP-d8	6.465	2304114	340086	6.7751	279.9684
Mirtazapine	alpha-PVP-d8	6.760	2335591	340086	6.8676	292.1849
Norbuprenorphine	Norbuprenorphine-D3	7.133	15815	25914	0.6103	28.0575
Fentanyl	Fentanyl-D5	7.217	348104	536780	0.6485	27.6927
Mitragynine	EDDP-D3	7.294	698123	46393	15.0481	262.6669
EDDP	EDDP-D3	7.306	297149	46393	6.4051	244.4261
Quetiapine	Quetiapine-D8	7.517	3834717	186951	20.5119	298.8062
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	1298004	205820	6.3065	272.7805
Methadone	Methadone-D9	7.581	2813620	532110	5.2877	275.1111
Buprenorphine	Buprenorphine-D4	7.755	106858	143562	0.7443	28.9525
Fluoxetine	Fluoxetine-D6	7.622	3725489	638678	5.8331	281.3868
Sertraline	Sertraline-D3	7.683	746850	119114	6.2700	268.0119
Temazepam	Temazepam-D5	7.705	1286431	197691	6.5073	294.4861
Oxazepam	Oxazepam-D5	7.647	275087	38672	7.1133	296.1042
Nordiazepam	Nordiazepam-D5	7.773	461942	38708	11.9339	298.6517

b1 cal 6

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

bl cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	837256	96664	8.6615	297.5791



ISP FORENSICS - Cd'A Instrument # 62340

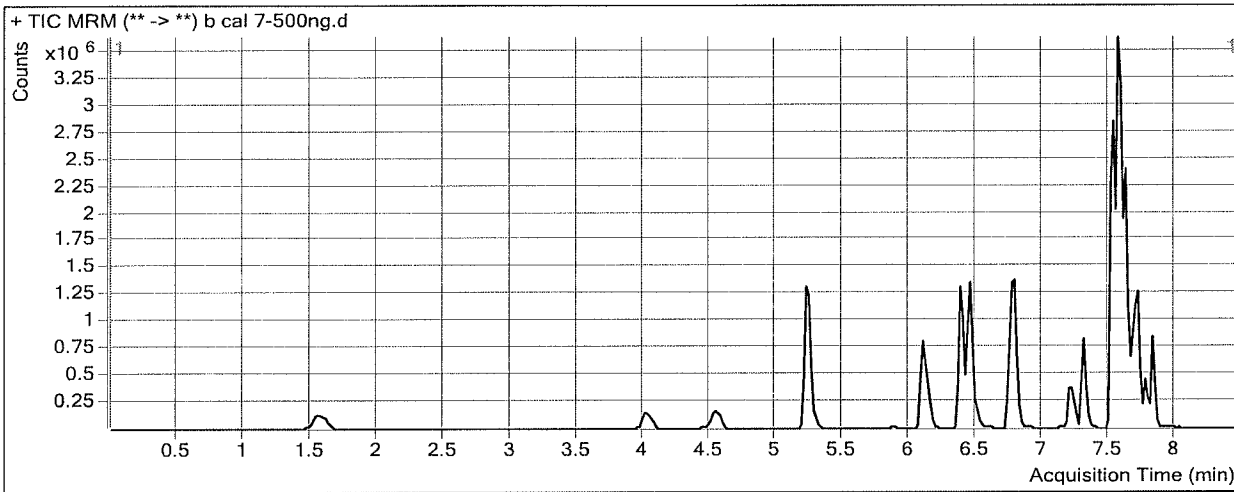
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 17:20 **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	1.588	571276	46359	12.3229	501.9632
Dihydrocodeine	Dihydrocodeine-D6	4.030	437077	43015	10.1610	515.0307
Noroxycodone	Noroxycodone-D3	4.558	538284	38867	13.8494	487.5157
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	4025811	383753	10.4906	492.4303
Benzoyllecgonine	Benzoyllecgonine-d8	5.868	27426	3848	7.1273	485.9174
Ketamine	Ketamine-D4	6.101	1596037	127373	12.5304	488.7552
Norfentanyl	Norfentanyl-D5	6.144	400983	337107	1.1895	48.6623
Cocaine	Cocaine-d3	6.369	2712881	301704	8.9919	481.5535
alpha-PVP	alpha-PVP-d8	6.465	2763976	241084	11.4648	473.4224
Mirtazapine	alpha-PVP-d8	6.779	2750948	241084	11.4107	485.4699
Norbuprenorphine	Norbuprenorphine-D3	7.133	21655	19800	1.0937	50.3663
Fentanyl	Fentanyl-D5	7.217	470071	411855	1.1414	48.6412
Mitragynine	EDDP-D3	7.294	1007452	37985	26.5224	462.6580
EDDP	EDDP-D3	7.306	472474	37985	12.4385	472.4769
Quetiapine	Quetiapine-D8	7.517	4611595	130054	35.4592	517.5669
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	1833946	164218	11.1678	482.7522
Methadone	Methadone-D9	7.581	4229628	440790	9.5956	499.0014
Buprenorphine	Buprenorphine-D4	7.755	172105	128578	1.3385	52.0739
Fluoxetine	Fluoxetine-D6	7.622	4510006	433938	10.3932	501.9791
Sertraline	Sertraline-D3	7.683	861880	78207	11.0205	469.4645
Temazepam	Temazepam-D5	7.705	1529133	133353	11.4668	519.4450
Oxazepam	Oxazepam-D5	7.646	313119	26804	11.6816	485.5235
Nordiazepam	Nordiazepam-D5	7.773	527634	29517	17.8757	446.9181

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

bl cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	995992	77243	12.8943	442.2980



ISP FORENSICS - Cd'A Instrument # 62340

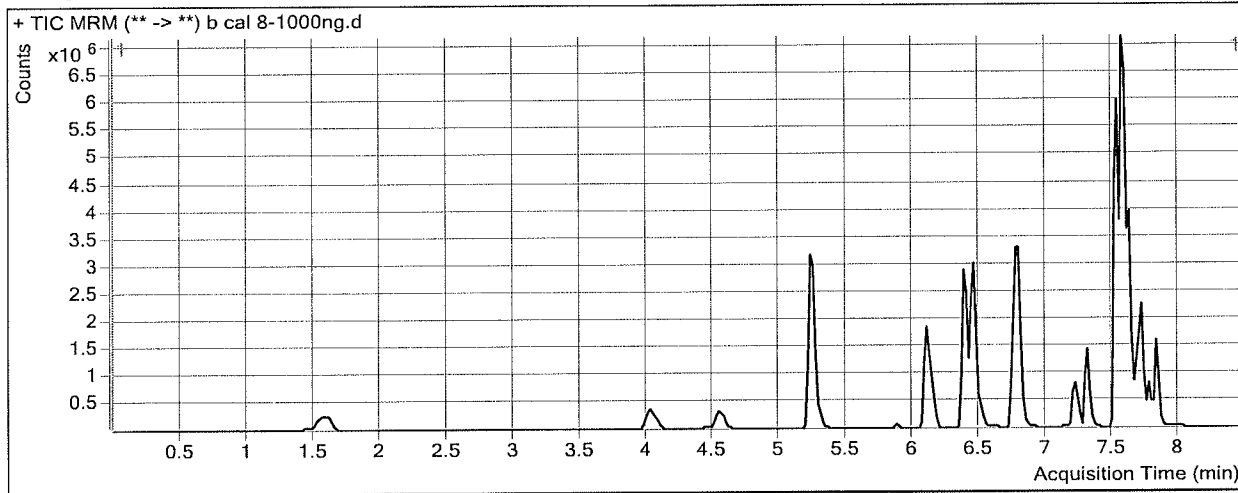
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\08082018 mdq\QuantResults\p1b mdq.batch.bin
Analysis Time 8/9/2018 8:20 AM **Analyst Name** ISP Tox
Report Time 8/9/2018 8:43 AM **Reporter Name** ISP Tox
Last Calib Update 8/9/2018 8:20 AM **Batch State** Processed

Analysis Info

Acq Time 2018-08-08 17:45 **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	1.588	1247550	51983	23.9990	976.8642
Dihydrocodeine	Dihydrocodeine-D6	4.030	1056638	57446	18.3936	932.7986
Noroxycodone	Noroxycodone-D3	4.558	1009882	35541	28.4149	998.8182
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	10457511	506843	20.6327	968.6756
Benzoylcegonine	Benzoylcegonine-d8	5.868	95710	3762	25.4388	1733.9396
Ketamine	Ketamine-D4	6.101	4089501	171770	23.8081	928.4111
Norfentanyl	Norfentanyl-D5	6.144	938655	380933	2.4641	100.5653
Cocaine	Cocaine-d3	6.369	6570766	379944	17.2941	926.0077
alpha-PVP	alpha-PVP-d8	6.465	6776333	296880	22.8251	942.0490
Mirtazapine	alpha-PVP-d8	6.779	6791496	296880	22.8762	973.2677
Norbuprenorphine	Norbuprenorphine-D3	7.133	50825	23801	2.1354	98.4442
Fentanyl	Fentanyl-D5	7.217	1143603	487381	2.3464	99.8630
Mitragynine	EDDP-D3	7.294	1757003	37350	47.0419	820.3005
EDDP	EDDP-D3	7.306	1030631	37350	27.5940	1045.3272
Quetiapine	Quetiapine-D8	7.517	9517271	149760	63.5500	928.6897
Cyclobenzaprine	Cyclobenzaprine-D3	7.550	3388944	88035	38.4953	1663.1025
Methadone	Methadone-D9	7.581	8997917	479683	18.7580	975.1928
Buprenorphine	Buprenorphine-D4	7.755	382727	116225	3.2930	128.1276
Fluoxetine	Fluoxetine-D6	7.622	7565768	379897	19.9153	962.6100
Sertraline	Sertraline-D3	7.683	1238417	51030	24.2683	1031.2739
Temazepam	Temazepam-D5	7.705	2799989	135574	20.6529	936.1136
Oxazepam	Oxazepam-D5	7.647	471120	9973	47.2408	1959.9279
Nordiazepam	Nordiazepam-D5	7.773	861427	26671	32.2981	806.8030

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

bl cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	2117581	70873	29.8787	1023.0033

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