

Worklist: 1945

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
C2017-2016	1	97406	AM 28 Blood Multi-Drug Quant
M2017-3887	1	97407	AM 28 Blood Multi-Drug Quant
M2017-4117	1	97409	AM 28 Blood Multi-Drug Quant
M2017-4156	1	97408	AM 28 Blood Multi-Drug Quant
M2017-4174	1	97410	AM 28 Blood Multi-Drug Quant
M2017-4296	1	97411	AM 28 Blood Multi-Drug Quant

Bylee



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

Extraction Date: 10-11-17
Plate lot#: 0507680

Analyst: Anne Nord
Plate Expiration: ~~5/31/2018~~ 6/5/2018 amn

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

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

Blank Blood Lot: 321632-1 **Column:** Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID: 62340

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID: 2609543** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 66759*
- 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 66792
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 66819
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: 101117 mdg Batch Name: Mdg p2a
- 2. Make necessary changes to integration limits
- 3. Integration linear and r^2 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%, S/N for primary and secondary transitions > 10 .
- 5. Did all QCs pass for each analyte? Y/N _____
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS: Not evaluated - Levamisole

curves limited
Benzoyllecgonine 5-500
metoprolol 5-500
 Ondansetron 10-500
 mirtazapine 5-500



Toxicology AM method 28 panel 2 external prep information

working solution 10000 ng/ml in meoh mirtazapine, amitriptyline, meperidine

Stock solution 1mg/ml 100 ul each in 9700 ul meOH lot (Fisher 168427)

Ppd 8/7/17 Exp: ~~2/7/17~~ lot 271~~7~~⁸ by AMN

Drug	lot	expiration
mirtazapine	fe04201503	4/1/2020
amitriptyline	fn07081401	9/1/2019
meperidine	FE1191502	2/1/2020

AMM 28 control 50 ul working solution lot (271~~7~~⁸) in 9950 ul blood lot (321632)

ppd 8/7/17 Exp 11/7/17 by AMN Concentration 50 ng/ml each



ISP FORENSICS - Cd'A Instrument # 62340

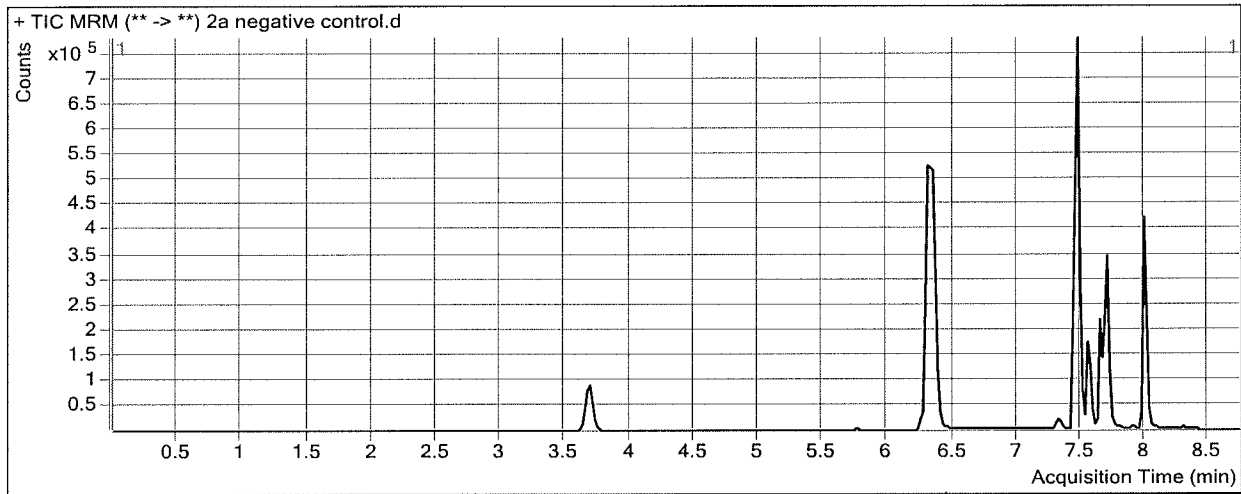
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 08:23 **Data File** 2a negative control.d
Sample Type Sample **Sample Name** 2a negative control
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-E6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

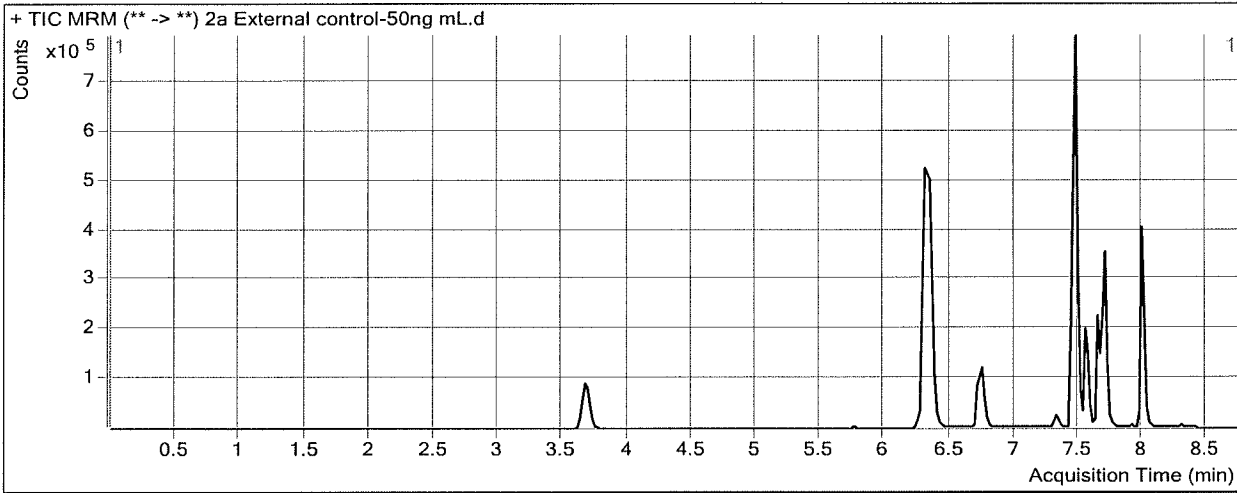
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 08:35 **Data File** 2a External control-50ng mL.d
Sample Type Sample **Sample Name** 2a External control-50ng mL
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-F6 **Sample Info**
Inj Vol -1 **Comment** AM 28 mirtazapine 50ng, amitriptyline 50 ng

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methylphenidate	Methylphenidate-D4	6.506	2279	799707	0.0029	0.0000
Mirtazapine	Methylphenidate-D4	6.744	220621	799707	0.2759	35.6578
Amitriptyline	Amitriptyline-D3	7.547	39848	24207	1.6461	32.0313
Maprotiline	Amitriptyline-D3	7.547	5670	24207	0.2342	13.4144 <i>Not evaluated</i>

ISP FORENSICS - Cd'A Instrument # 62340

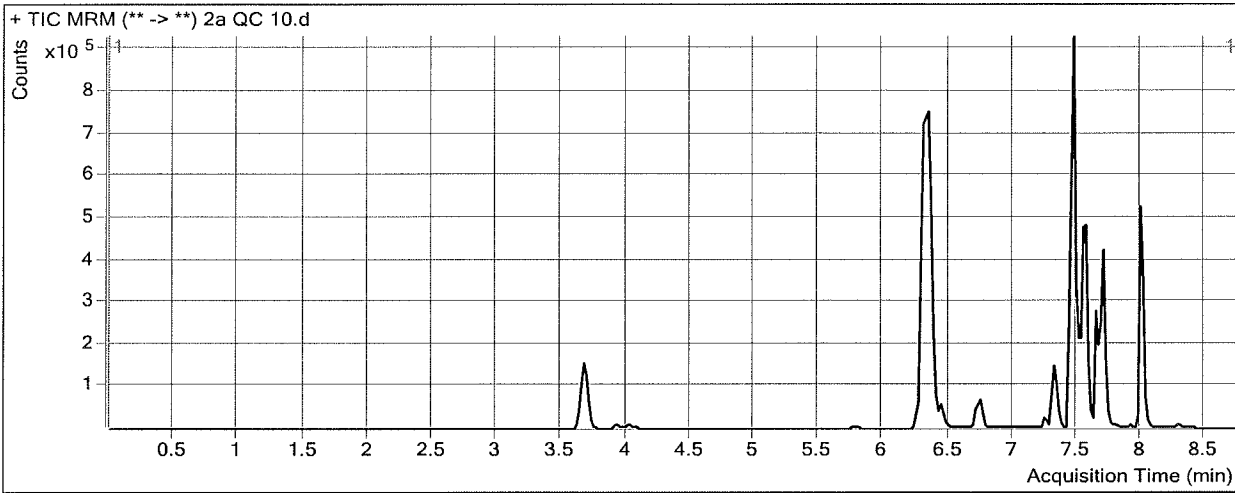
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 08:48	Data File	2a QC 10.d
Sample Type	QC	Sample Name	2a QC 10
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-A6	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	115022	518207	0.2220	10.4292
Levamisole	Cocaine-D3	4.004	29448	666900	0.0442	4.4386
Benzoylcegonine	Benzoylcegonine-D8	5.791	6982	9644	0.7240	8.8464
Zopiclone	Zopiclone-D4	6.268	20379	94363	0.2160	9.8716
Cocaine	Cocaine-D3	6.312	158988	666900	0.2384	10.3432
Methylphenidate	Methylphenidate-D4	6.365	264919	1125505	0.2354	10.2198
Metoprolol	Methylphenidate-D4	6.381	38073	1125505	0.0338	9.2626
Ondansetron	Zopiclone-D4	6.436	81662	94363	0.8654	14.7570
Mirtazapine	Methylphenidate-D4	6.744	115568	1125505	0.1027	13.5965
Mitragynine	Doxepin-D3	7.252	16095	360789	0.0446	7.3989
Doxepin	Doxepin-D3	7.324	63058	360789	0.1748	9.1389
Carbamazepine	Carbamazepine-13C6	7.473	291589	1578122	0.1848	9.2650
Protriptyline	Protriptyline-D3	7.510	65276	304068	0.2147	10.5439
Amitriptyline	Amitriptyline-D3	7.547	135115	253144	0.5337	10.0285
Estazolam	Estazolam-D5	7.563	65342	303049	0.2156	10.2165
Nortriptyline	Nortriptyline-D3	7.571	62309	264892	0.2352	10.0842
Maprotiline	Amitriptyline-D3	7.527	40719	253144	0.1609	8.4007
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	90552	493378	0.1835	10.4246
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	38764	422001	0.0919	10.9505
Midazolam	Midazolam-D4	7.701	27688	409655	0.0676	9.2647
Phenazepam	Phenazepam-D4	7.719	5836	17724	0.3293	11.6617
Prazepam	Prazepam-D5	8.004	218470	930257	0.2348	10.6731

not evaluated
A

A

ISP FORENSICS - Cd'A Instrument # 62340

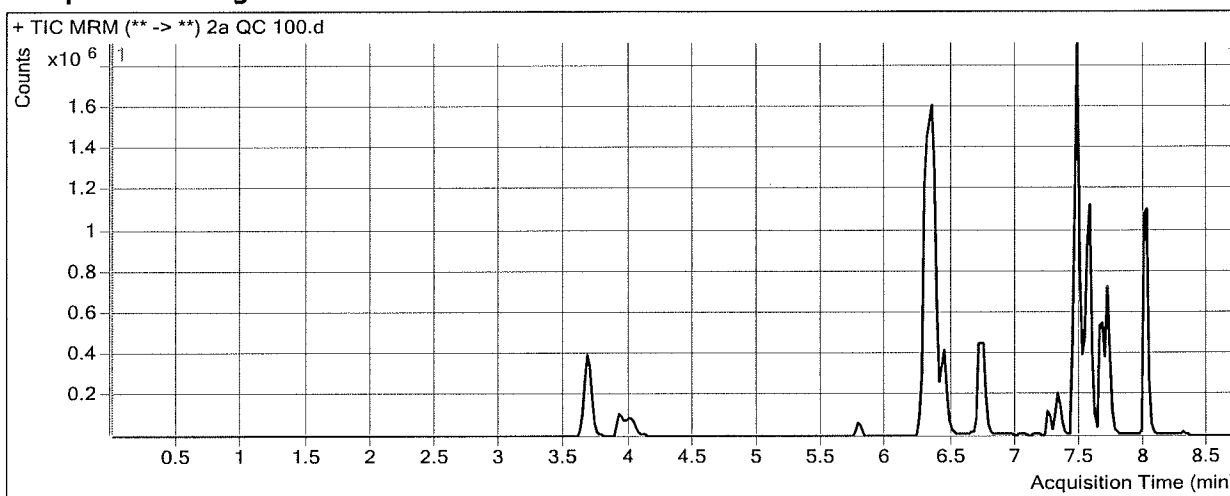
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 11:59 **Data File** 2a QC 100.d
Sample Type QC **Sample Name** 2a QC 100
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-B6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.670	1070109	497977	2.1489	103.7198
Levamisole	Cocaine-D3	4.004	243574	605968	0.4020	61.7428 *
Benzoylcegonine	Benzoylcegonine-D8	5.791	88026	9450	9.3154	97.8528
Zopiclone	Zopiclone-D4	6.268	171135	81842	2.0910	96.2717
Cocaine	Cocaine-D3	6.312	1414637	605968	2.3345	104.8198
Methylphenidate	Methylphenidate-D4	6.365	2202822	994752	2.2144	99.6880
Metoprolol	Methylphenidate-D4	6.381	326387	994752	0.3281	93.5812
Ondansetron	Zopiclone-D4	6.436	755283	81842	9.2285	103.9462
Mirtazapine	Methylphenidate-D4	6.744	902382	994752	0.9071	116.0667
Mitragynine	Doxepin-D3	7.232	92738	178963	0.5182	71.6801
Doxepin	Doxepin-D3	7.324	337522	178963	1.8860	91.2979
Carbamazepine	Carbamazepine-13C6	7.473	2522374	1269733	1.9865	100.9811
Protriptyline	Protriptyline-D3	7.531	275504	128417	2.1454	99.8305
Amitriptyline	Amitriptyline-D3	7.547	578848	114665	5.0482	99.3220
Estazolam	Estazolam-D5	7.563	567619	262642	2.1612	100.7310
Nortriptyline	Nortriptyline-D3	7.571	268894	113376	2.3717	96.3808
Maprotiline	Amitriptyline-D3	7.527	185027	114665	1.6136	107.6852
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	710079	407249	1.7436	113.3975
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	270021	312385	0.8644	103.7115
Midazolam	Midazolam-D4	7.701	252666	358446	0.7049	104.6446
Phenazepam	Phenazepam-D4	7.719	31694	11802	2.6854	97.4304
Prazepam	Prazepam-D5	8.004	1782202	813439	2.1909	106.1828

ISP FORENSICS - Cd'A Instrument # 62340

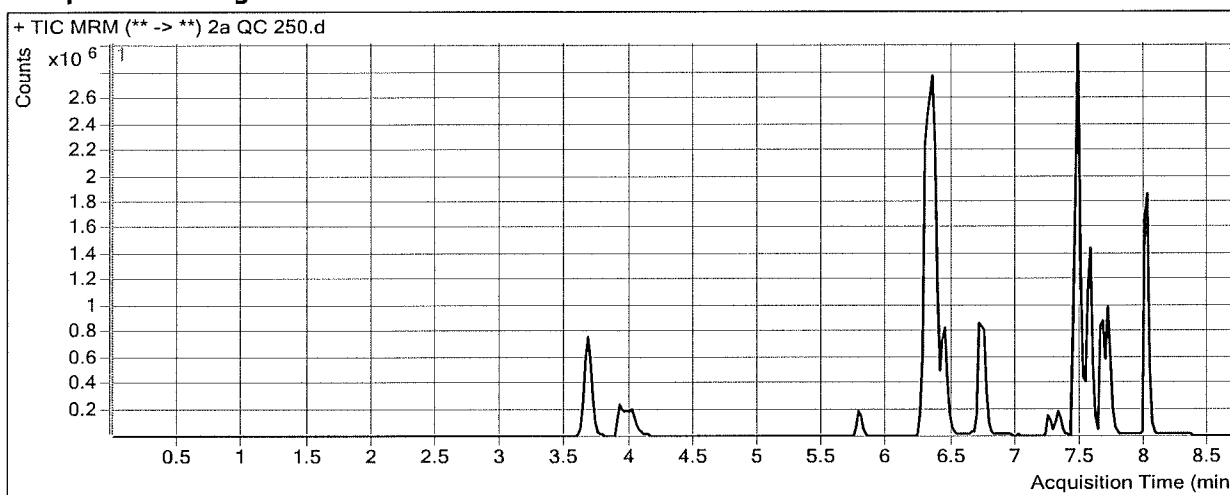
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 12:11 **Data File** 2a QC 250.d
Sample Type QC **Sample Name** 2a QC 250
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-C6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.670	2429639	459542	5.2871	255.6503
Levamisole	Cocaine-D3	4.004	653709	574197	1.1385	179.7009
Benzoylcegonine	Benzoylcegonine-D8	5.791	258579	9150	28.2604	294.1241
Zopiclone	Zopiclone-D4	6.268	343765	63319	5.4291	250.0854
Cocaine	Cocaine-D3	6.292	3307089	574197	5.7595	259.1924
Methylphenidate	Methylphenidate-D4	6.345	4446019	824576	5.3919	243.3315
Metoprolol	Methylphenidate-D4	6.381	663067	824576	0.8041	229.9728
Ondansetron	Zopiclone-D4	6.436	1610186	63319	25.4298	276.7265
Mirtazapine	Methylphenidate-D4	6.724	1646831	824576	1.9972	254.9134
Mitragynine	Doxepin-D3	7.232	120290	74312	1.6187	221.0563
Doxepin	Doxepin-D3	7.324	355899	74312	4.7892	230.6889
Carbamazepine	Carbamazepine-13C6	7.473	5354140	1016658	5.2664	267.9375
Protriptyline	Protriptyline-D3	7.531	222531	39767	5.5959	259.3993
Amitriptyline	Amitriptyline-D3	7.547	465741	36652	12.7072	250.8140
Estazolam	Estazolam-D5	7.563	1295822	240411	5.3900	250.9471
Nortriptyline	Nortriptyline-D3	7.571	220589	35963	6.1338	248.3411
Maprotiline	Amitriptyline-D3	7.527	150768	36652	4.1135	278.5306
alpha-hydroxymidazolam	D4	7.659	1385960	324545	4.2705	280.1851
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	473386	231131	2.0481	245.8493
Midazolam	Midazolam-D4	7.701	526485	303680	1.7337	258.6152
Phenazepam	Phenazepam-D4	7.719	58375	7972	7.3225	266.2285
Prazepam	Prazepam-D5	8.004	3548591	664549	5.3398	259.9330

ISP FORENSICS - Cd'A Instrument # 62340

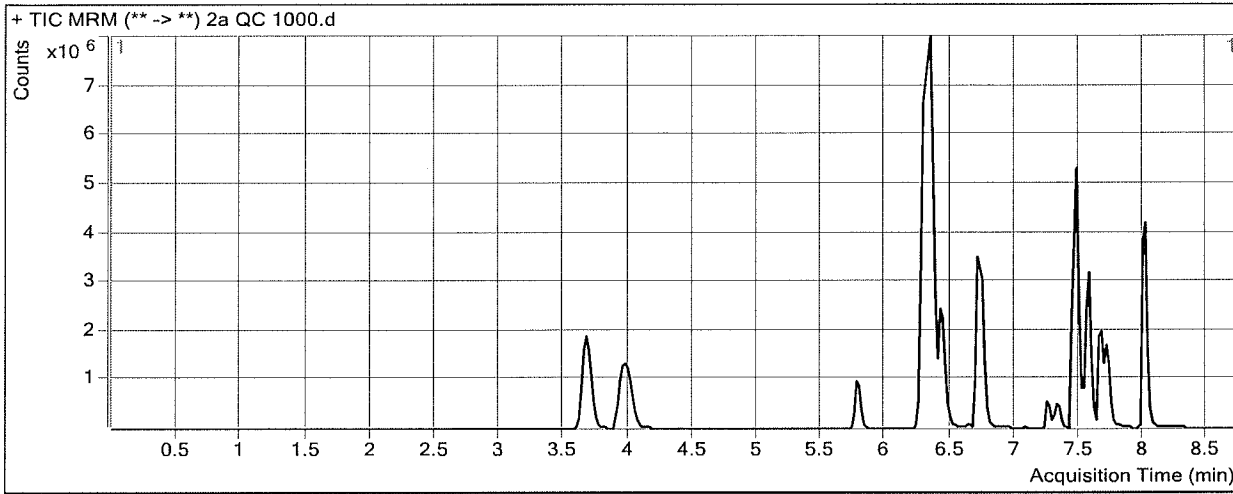
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 12:24 **Data File** 2a QC 1000.d
Sample Type QC **Sample Name** 2a QC 1000
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-D6 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

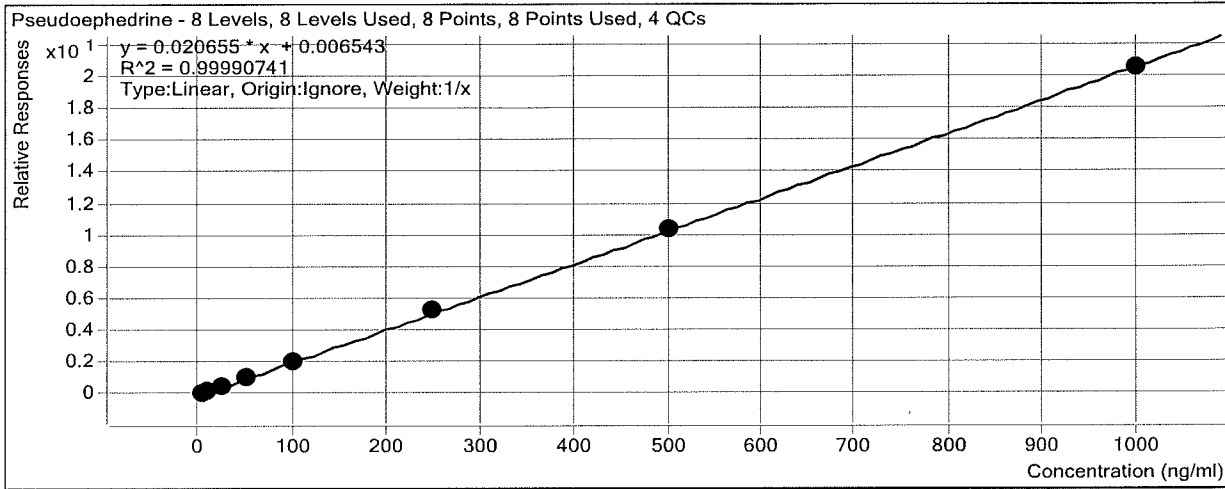
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.670	8060843	378174	21.3152	1031.6289
Levamisole	Cocaine-D3	3.964	4851675	466517	10.3998	1662.9588 <i>★ Not evaluated</i>
Benzoylcegonine	Benzoylcegonine-D8	5.791	1460295	9279	157.3734	1631.7360 <i>★</i>
Zopiclone	Zopiclone-D4	6.248	886138	40891	21.6706	998.4683
Cocaine	Cocaine-D3	6.292	10836652	466517	23.2288	1046.5761
Methylphenidate	Methylphenidate-D4	6.345	14451677	641868	22.5150	1017.4222
Metoprolol	Methylphenidate-D4	6.381	1646808	641868	2.5656	734.6894 <i>★</i>
 Ondansetron	Zopiclone-D4	6.416	5196156	40891	127.0729	1360.7082 <i>★</i>
Mirtazapine	Methylphenidate-D4	6.724	6921129	641868	10.7828	1373.9999 <i>★</i>
Mitragynine	Doxepin-D3	7.232	452880	57419	7.8873	1071.9028
Doxepin	Doxepin-D3	7.324	1174344	57419	20.4521	982.6983
Carbamazepine	Carbamazepine-13C6	7.473	11710397	613742	19.0803	971.1122
Protriptyline	Protriptyline-D3	7.531	470422	21539	21.8405	1010.6393
Amitriptyline	Amitriptyline-D3	7.547	1050398	23013	45.6434	902.2786
Estazolam	Estazolam-D5	7.563	3365731	159259	21.1337	983.3927
Nortriptyline	Nortriptyline-D3	7.571	438706	17241	25.4456	1028.3841
Maprotiline	Amitriptyline-D3	7.547	292194	23013	12.6968	865.1237
alpha-hydroxymidazolam	D4	7.659	3501219	228782	15.3037	1008.4418
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	846573	109097	7.7598	931.6801
Midazolam	Midazolam-D4	7.701	1439671	224275	6.4192	959.8609
Phenazepam	Phenazepam-D4	7.739	132612	5115	25.9244	943.3671
Prazepam	Prazepam-D5	8.004	9451201	454909	20.7760	1013.6308

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Pseudoephedrine*
Internal Standard *Pseudoephedrine-D3*



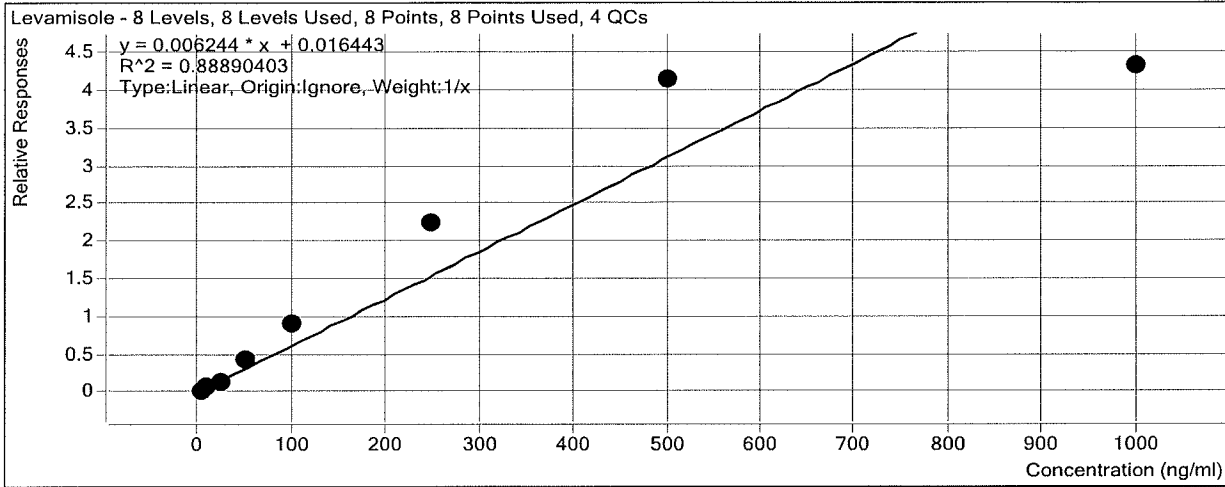
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2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.2
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.3	101.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	255.7	102.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.4	100.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.6	99.3
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1031.6	103.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Levamisole
Internal Standard Cocaine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	0.8	16.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	4.4	44.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	16.7	66.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	65.1	130.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	140.2	140.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	61.7	61.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	356.8	142.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	179.7	71.9
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	661.2	132.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	689.0	68.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1663.0	166.3

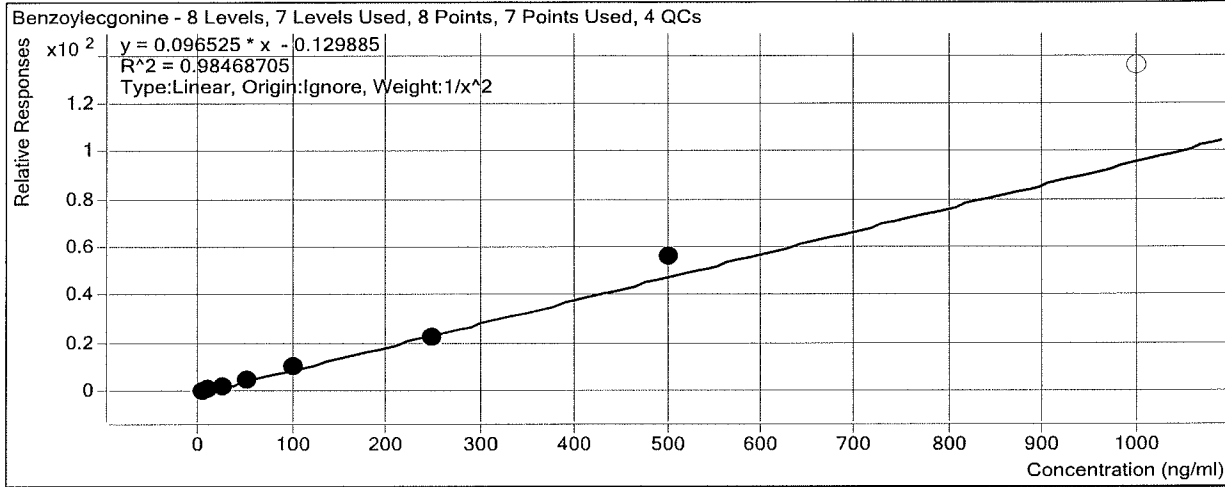
Not evaluated

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Benzoyllecgonine*
Internal Standard *Benzoyllecgonine-D8*



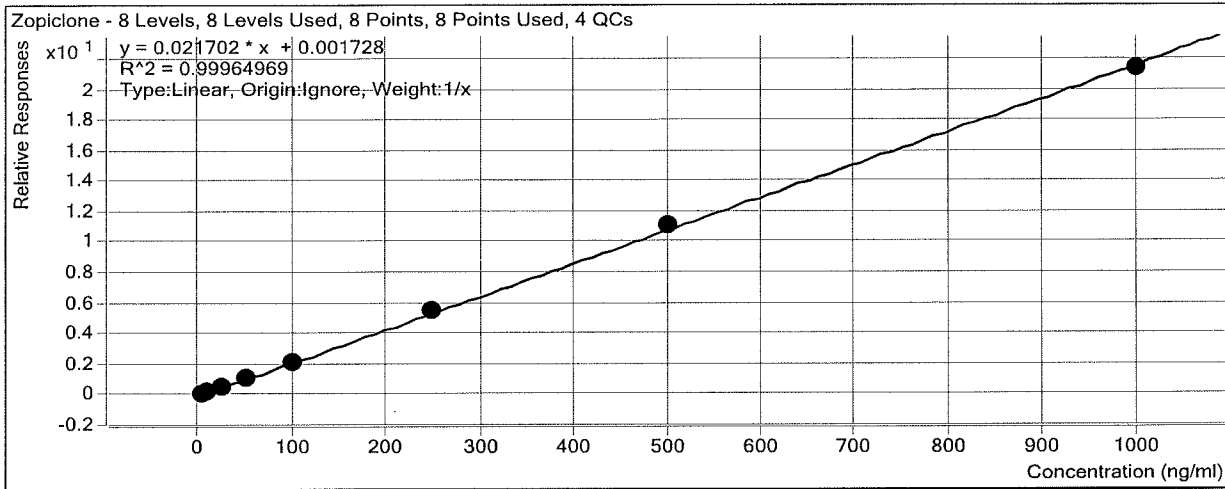
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.9
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	8.8	88.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.1	84.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.5	108.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	97.9	97.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.1	94.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	294.1	117.6
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	580.8	116.2
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1407.3	140.7
2a QC 1000	8	<input type="checkbox"/>	1000	1631.7	163.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Zopiclone
Internal Standard Zopiclone-D4



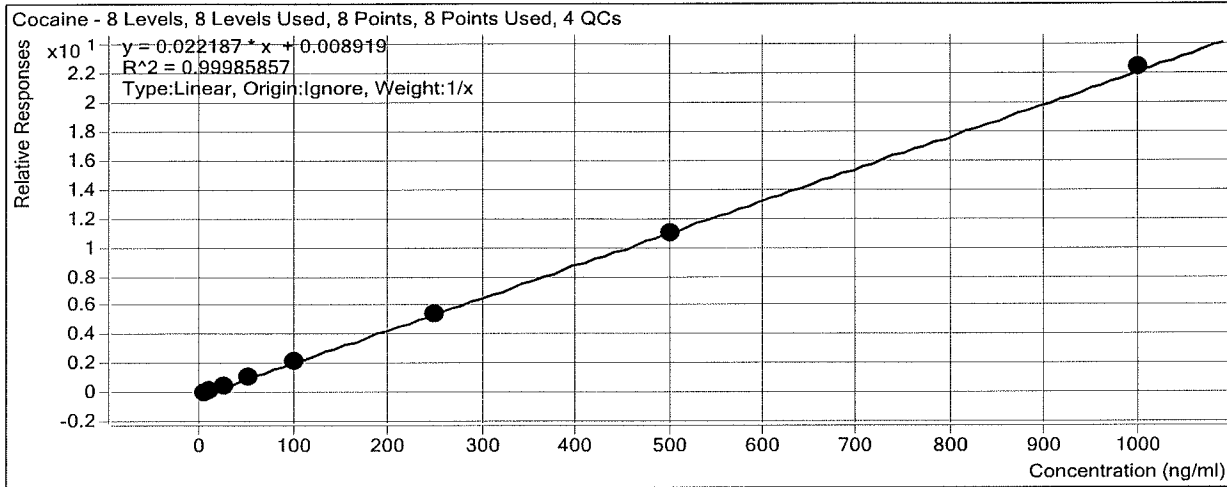
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.1
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.9
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
2a QC 100	5	<input checked="" type="checkbox"/>	100	96.3	96.3
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.3	101.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	250.1	100.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.5	102.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.8	98.4
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	998.5	99.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-D3



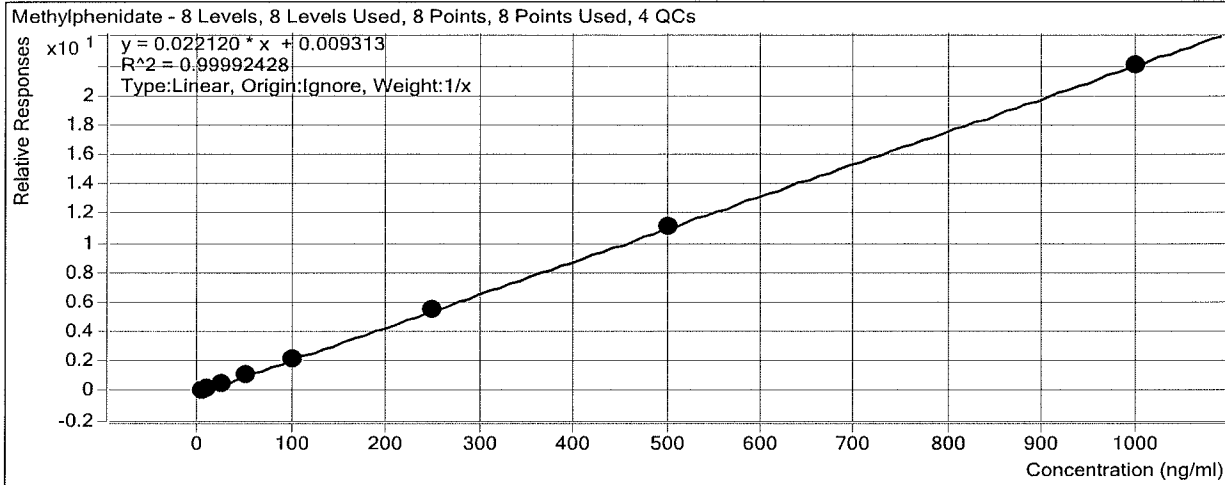
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.4
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.6	101.6
2a QC 100	5	<input checked="" type="checkbox"/>	100	104.8	104.8
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.5	97.8
2a QC 250	6	<input checked="" type="checkbox"/>	250	259.2	103.7
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.6	99.1
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.8	100.8
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1046.6	104.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Methylphenidate*
Internal Standard *Methylphenidate-D4*



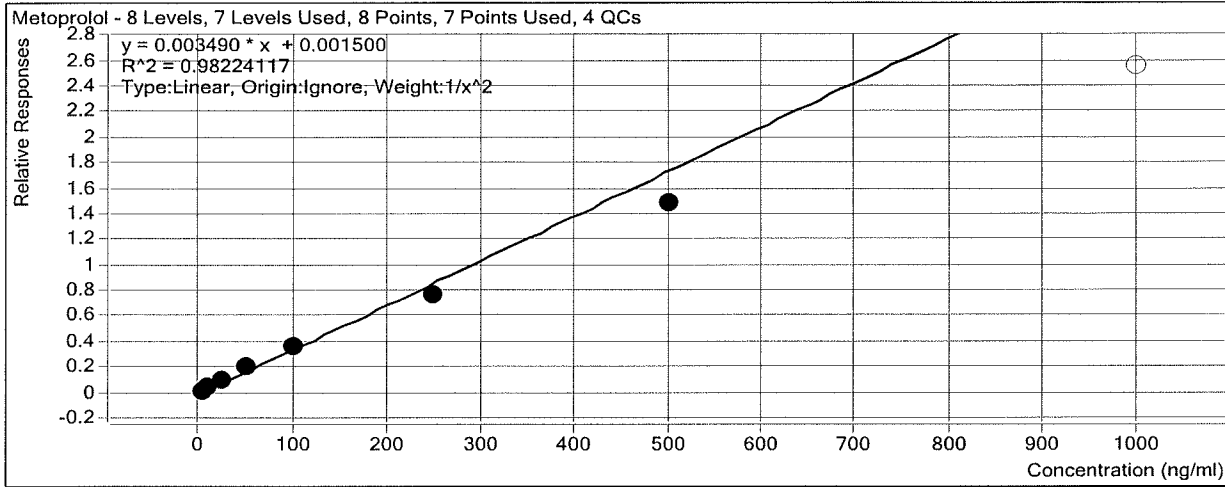
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.3
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.6	99.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	243.3	97.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.7	100.9
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.8	99.5
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1017.4	101.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Metoprolol*
Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	108.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.6	110.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.3	112.5
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.6	103.6
2a QC 100	5	<input checked="" type="checkbox"/>	100	93.6	93.6
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	218.3	87.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	230.0	92.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	426.2	85.2
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	731.1	73.1
2a QC 1000	8	<input type="checkbox"/>	1000	734.7	73.5

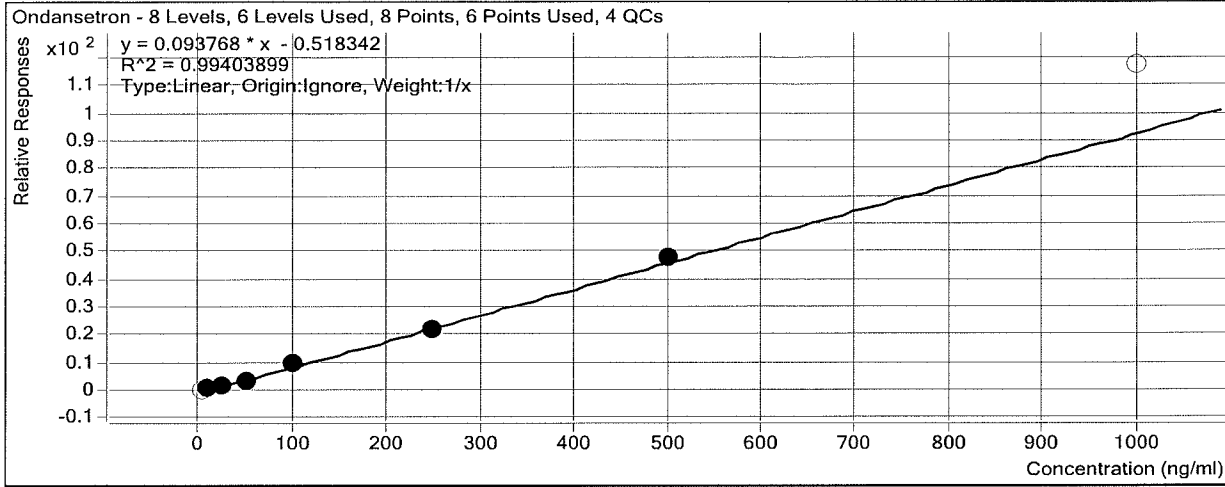
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

Target Compound Ondansetron
Internal Standard Zopiclone-D4



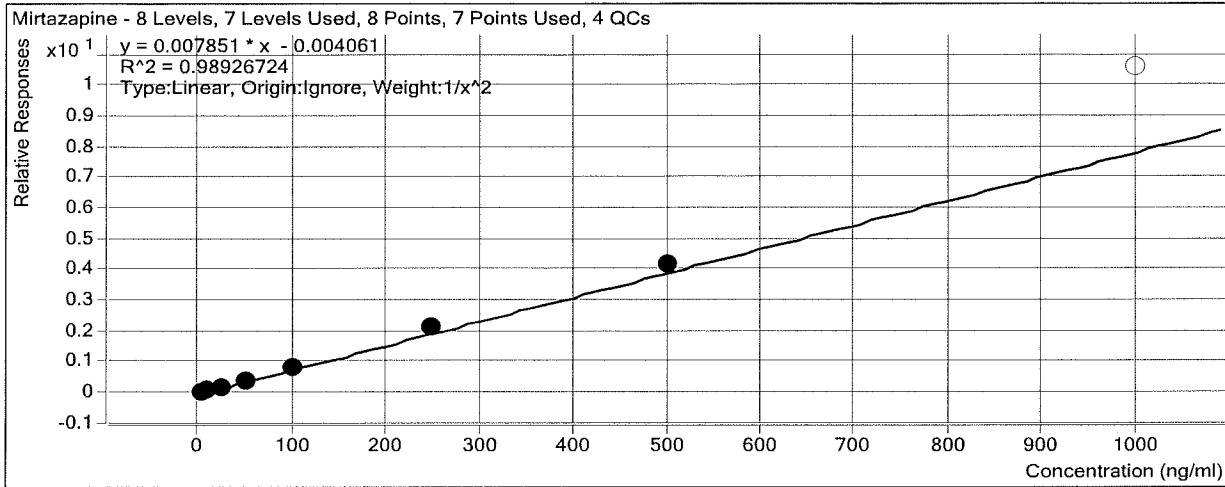
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input type="checkbox"/>	5	9.2	183.6
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	12.1	121.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	14.8	147.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.6
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	40.6	81.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.5	109.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.9	103.9
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.9	94.8
2a QC 250	6	<input checked="" type="checkbox"/>	250	276.7	110.7
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.2	102.6
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1257.1	125.7
2a QC 1000	8	<input type="checkbox"/>	1000	1360.7	136.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Mirtazapine*
Internal Standard *Methylphenidate-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.4
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.5
2a QC 10	2	<input checked="" type="checkbox"/>	10	13.6	136.0
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.7	91.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
2a QC 100	5	<input checked="" type="checkbox"/>	100	116.1	116.1
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	271.2	108.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	254.9	102.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	532.2	106.4
2a cal 8-1000ng	8	<input type="checkbox"/>	1000	1346.9	134.7
2a QC 1000	8	<input type="checkbox"/>	1000	1374.0	137.4

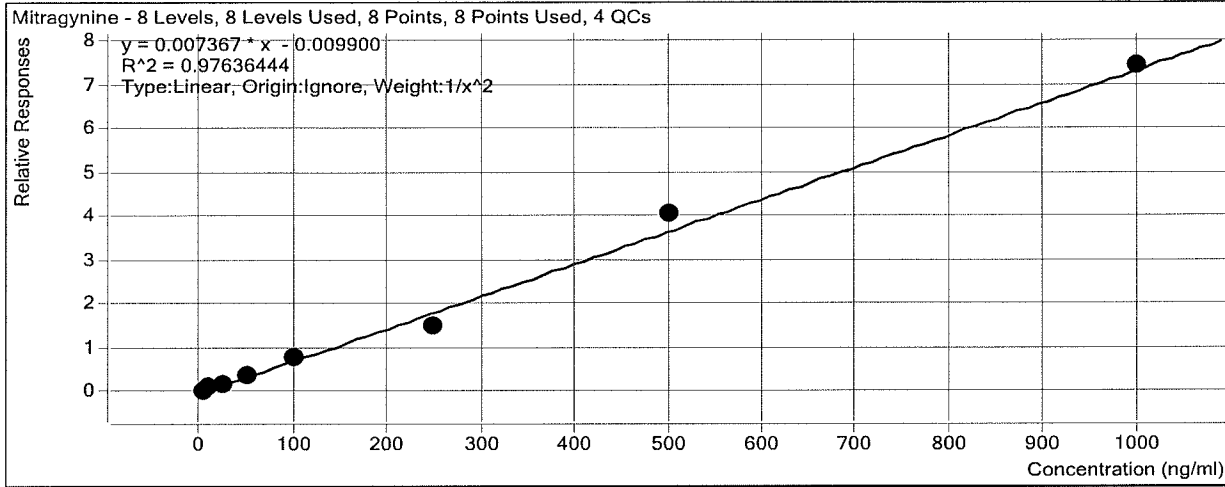
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.3
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	12.4	124.0
2a QC 10	2	<input checked="" type="checkbox"/>	10	7.4	74.0
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.3	107.3
2a QC 100	5	<input checked="" type="checkbox"/>	100	71.7	71.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	204.7	81.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	221.1	88.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	551.7	110.3
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.7	100.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1071.9	107.2

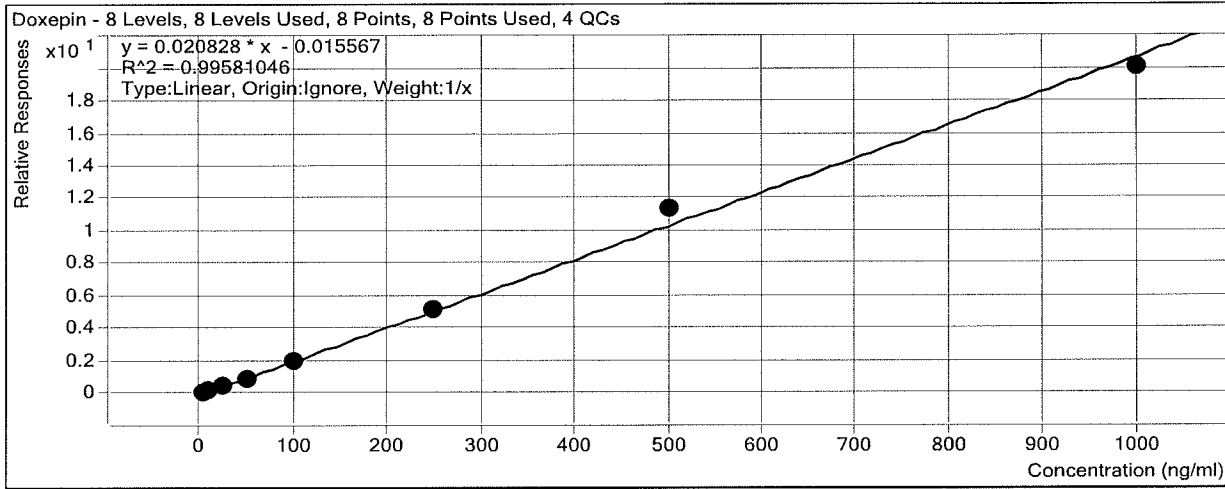
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

Target Compound Doxepin
Internal Standard Doxepin-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.0
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	108.2
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.9
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.3	88.7
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.2	93.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	91.3	91.3
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.8	99.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	230.7	92.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	549.3	109.9
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	962.4	96.2
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	982.7	98.3

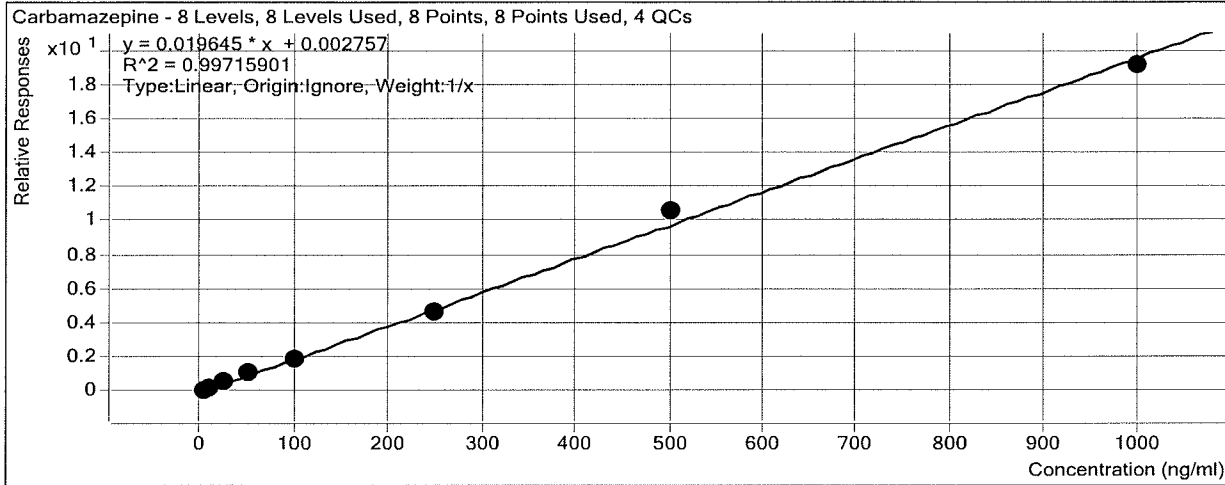
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

Target Compound Carbamazepine
Internal Standard Carbamazepine-13C6



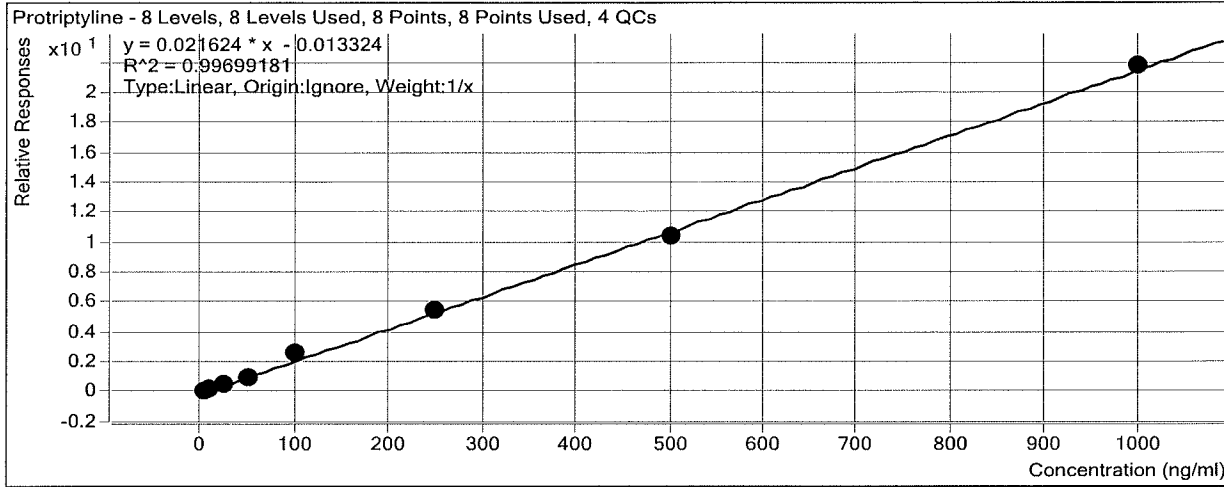
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.3
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.4
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.7
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
2a QC 100	5	<input checked="" type="checkbox"/>	100	101.0	101.0
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.8	95.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	267.9	107.2
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	540.9	108.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.8	97.2
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	971.1	97.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Protriptyline*
Internal Standard *Protriptyline-D3*



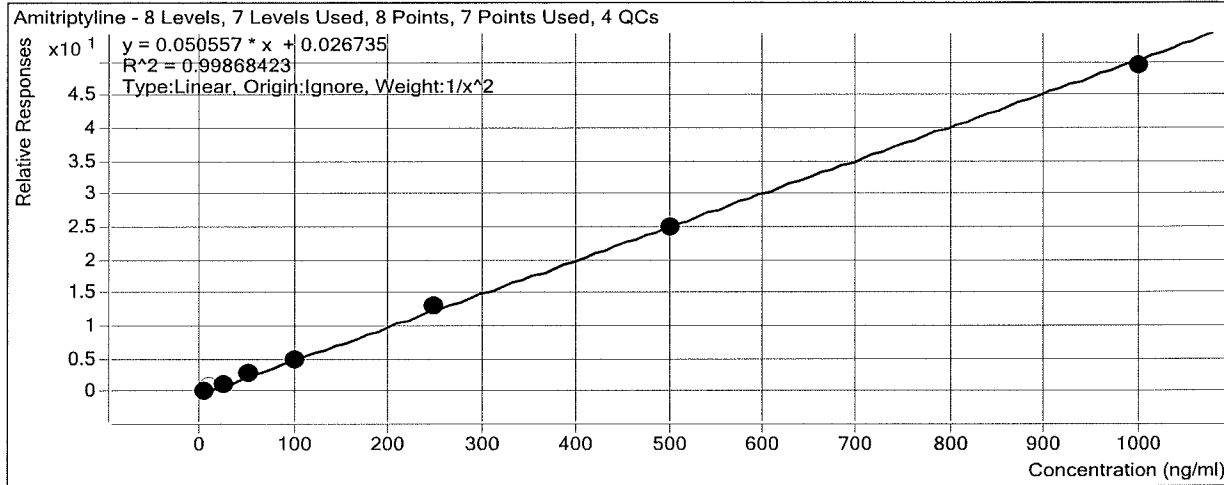
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.2
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.4
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	20.3	81.2
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.7	93.4
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	118.2	118.2
2a QC 100	5	<input checked="" type="checkbox"/>	100	99.8	99.8
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.9	100.8
2a QC 250	6	<input checked="" type="checkbox"/>	250	259.4	103.8
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.9	96.0
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.3	100.7
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.6	101.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Amitriptyline
Internal Standard Amitriptyline-D3



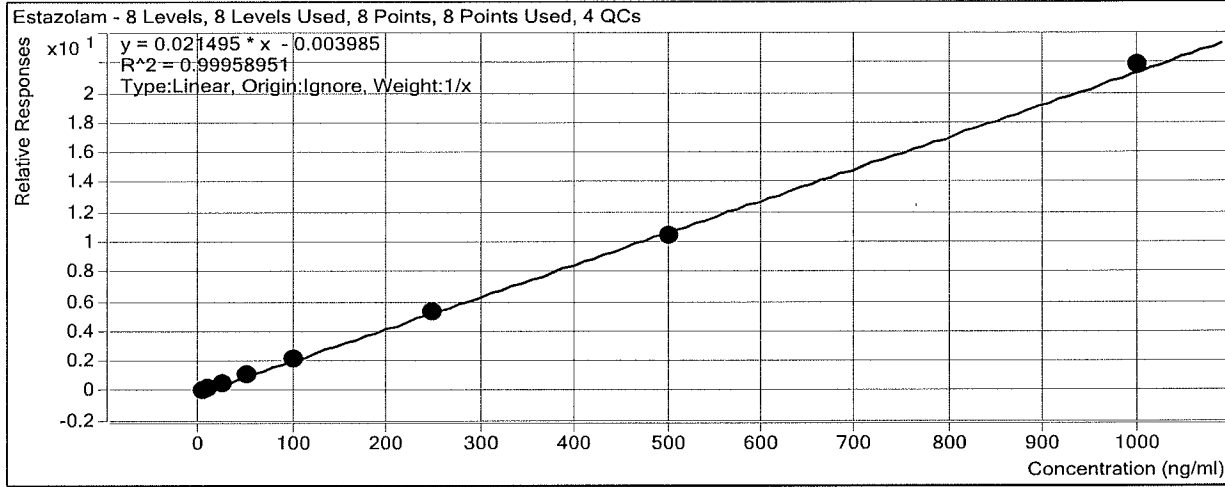
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.4
2a cal 2-10ng	2	<input type="checkbox"/>	10	14.9	148.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.8	105.7
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
2a QC 100	5	<input checked="" type="checkbox"/>	100	99.3	99.3
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.4	102.2
2a QC 250	6	<input checked="" type="checkbox"/>	250	250.8	100.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.9	98.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.1	97.6
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	902.3	90.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Estazolam*
Internal Standard *Estazolam-D5*



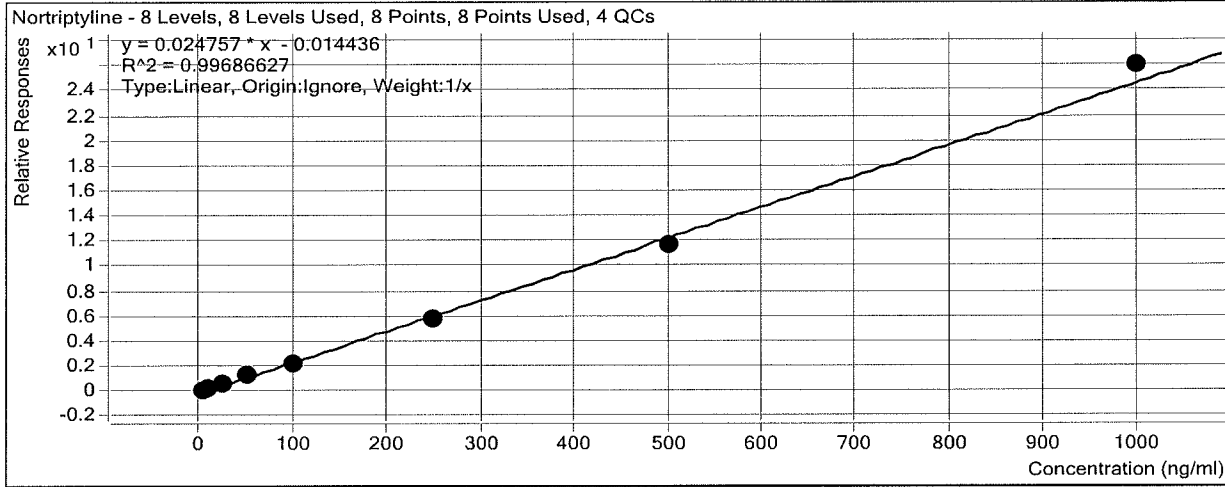
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.5	99.5
2a QC 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.4	99.3
2a QC 250	6	<input checked="" type="checkbox"/>	250	250.9	100.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	486.0	97.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.9	101.7
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	983.4	98.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Nortriptyline
Internal Standard Nortriptyline-D3



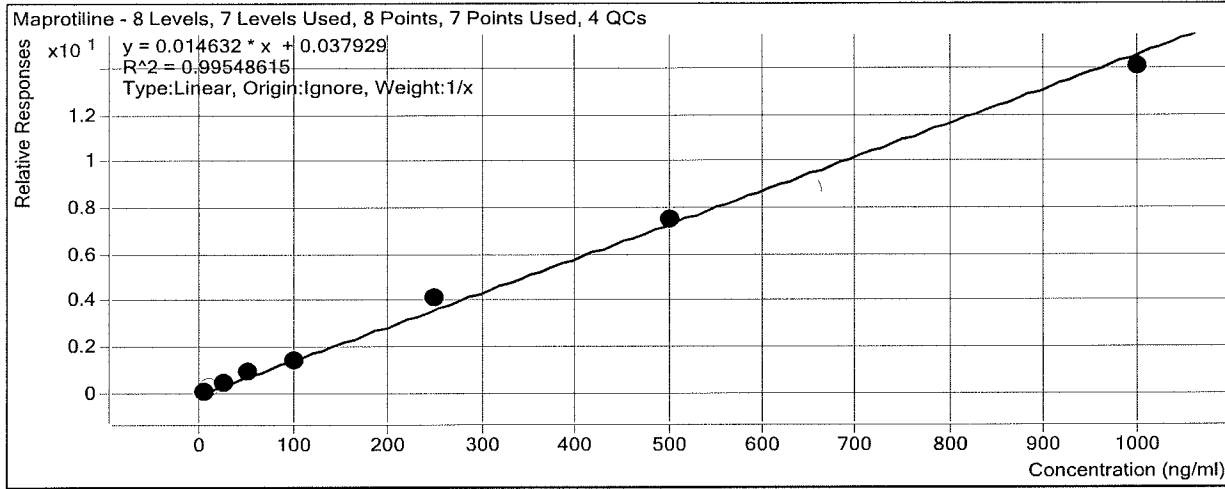
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.4
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.8	108.1
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.8
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.6
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	90.8	90.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	96.4	96.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.3	94.1
2a QC 250	6	<input checked="" type="checkbox"/>	250	248.3	99.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	474.5	94.9
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1049.1	104.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1028.4	102.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *Maprotiline*
Internal Standard *Amitriptyline-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.7	74.3
2a cal 2-10ng	2	<input type="checkbox"/>	10	15.2	152.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	8.4	84.0
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.7
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	58.4	116.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.4	91.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	278.7	111.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	278.5	111.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.3	102.5
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	958.5	95.9
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	865.1	86.5

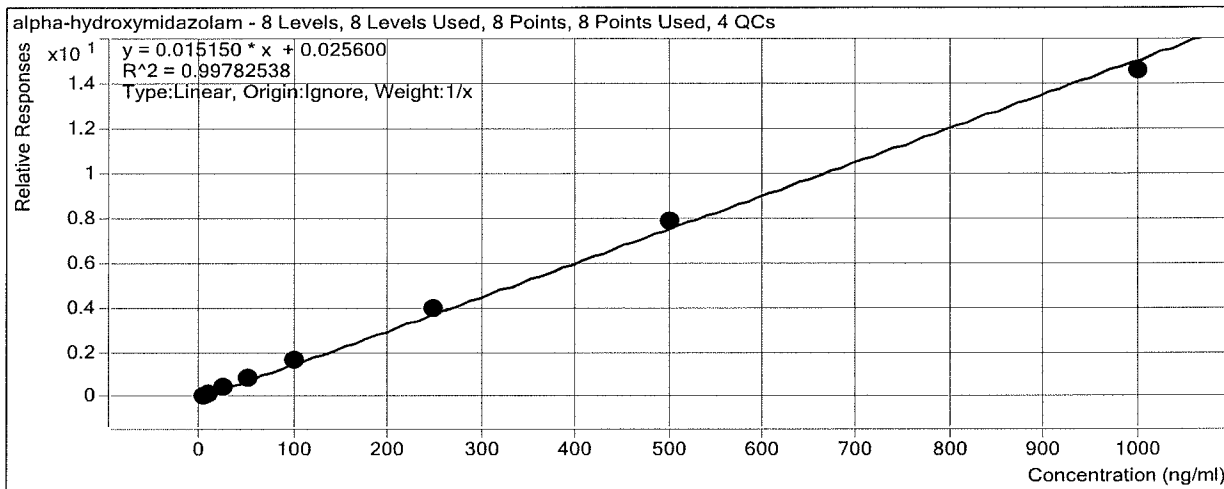
*Not evaluated interference with
amitriptyline*

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound *alpha-hydroxymidazolam*
Internal Standard *alpha-hydroxymidazolam-D4*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.9	77.5
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.2
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	105.0
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.1	108.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.9	108.9
2a QC 100	5	<input checked="" type="checkbox"/>	100	113.4	113.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.8	102.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	280.2	112.1
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.1	103.8
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	961.2	96.1
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1008.4	100.8

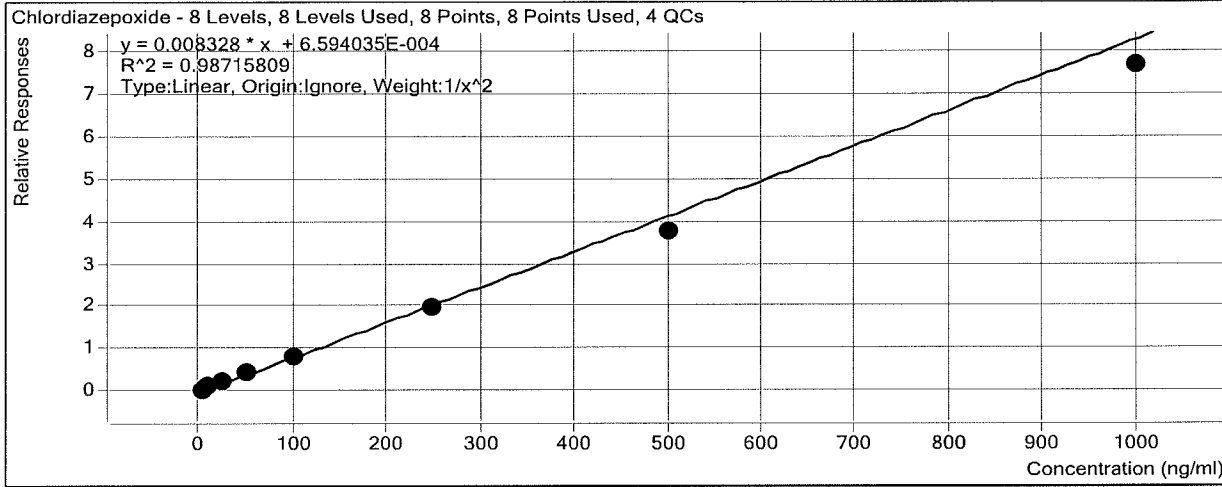
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

Target Compound Chlordiazepoxide
Internal Standard Chlordiazepoxide-D5



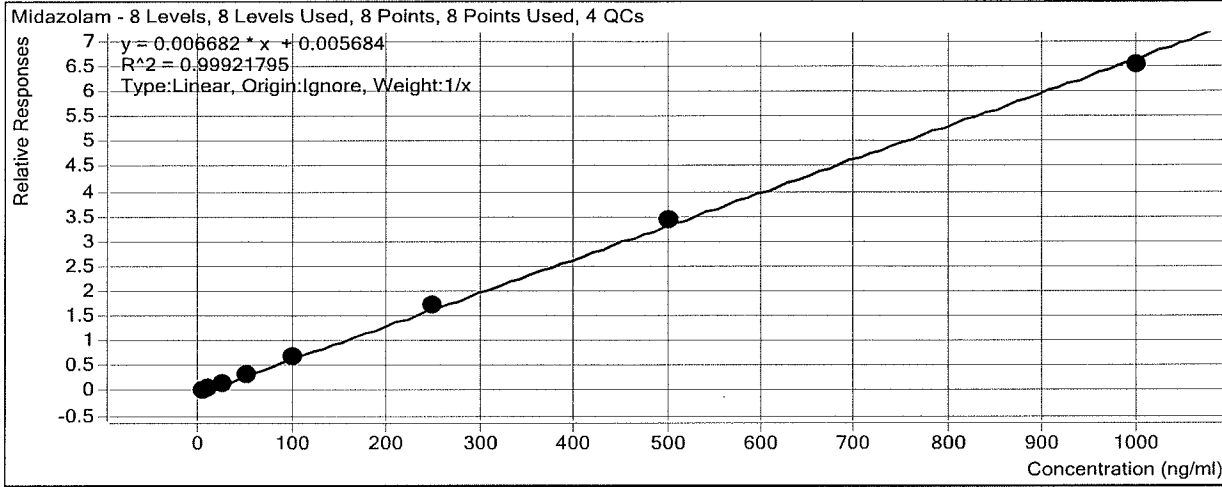
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	89.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.6	115.6
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.5
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.2	108.9
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.5	109.1
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	103.7	103.7
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.7	95.5
2a QC 250	6	<input checked="" type="checkbox"/>	250	245.8	98.3
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	452.1	90.4
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	919.7	92.0
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	931.7	93.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Midazolam
Internal Standard Midazolam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
2a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	92.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	101.9
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
2a QC 100	5	<input checked="" type="checkbox"/>	100	104.6	104.6
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.5	102.6
2a QC 250	6	<input checked="" type="checkbox"/>	250	258.6	103.4
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.9	102.6
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	975.5	97.5
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	959.9	96.0

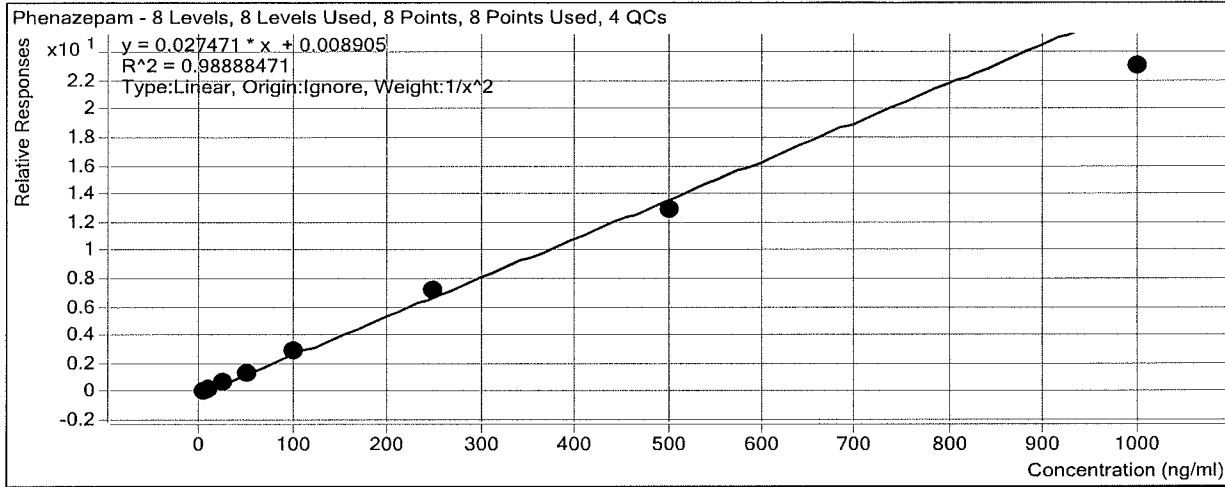
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM

Analyst Name ISP TOX

Target Compound Phenazepam
Internal Standard Phenazepam-D4



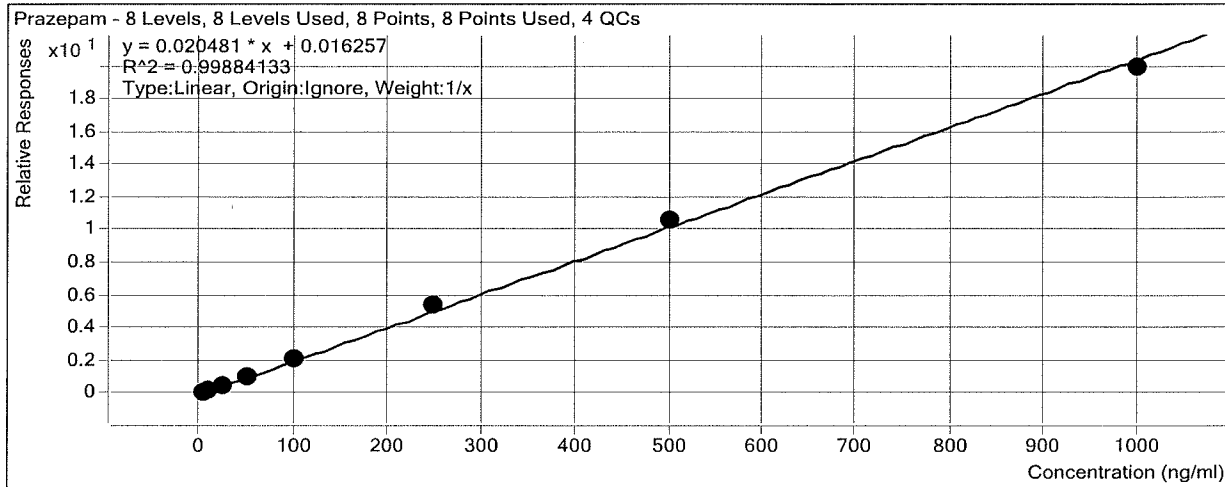
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.8
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.3
2a QC 10	2	<input checked="" type="checkbox"/>	10	11.7	116.6
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.1	112.3
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.4	96.8
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.4	108.4
2a QC 100	5	<input checked="" type="checkbox"/>	100	97.4	97.4
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.1	105.7
2a QC 250	6	<input checked="" type="checkbox"/>	250	266.2	106.5
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	469.7	93.9
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	837.7	83.8
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	943.4	94.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin

Last Calib Update 10/12/2017 1:12 PM **Analyst Name** ISP TOX

Target Compound Prazepam
Internal Standard Prazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
2a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.7
2a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.9
2a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.7
2a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	99.8
2a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.3
2a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
2a QC 100	5	<input checked="" type="checkbox"/>	100	106.2	106.2
2a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.3	104.9
2a QC 250	6	<input checked="" type="checkbox"/>	250	259.9	104.0
2a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.0	103.2
2a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	970.3	97.0
2a QC 1000	8	<input checked="" type="checkbox"/>	1000	1013.6	101.4

ISP FORENSICS - Cd'A Instrument # 62340

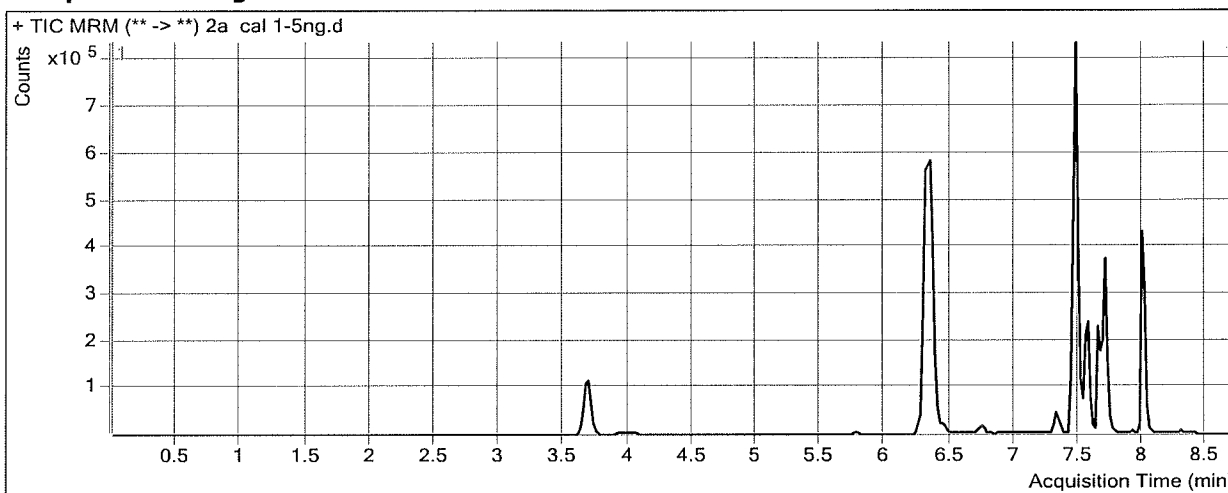
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 06:28 **Data File** 2a cal 1-5ng.d
Sample Type Calibration **Sample Name** 2a cal 1-5ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-A5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	47215	441519	0.1069	4.8604
Levamisole	Cocaine-D3	4.024	12530	576763	0.0217	0.8459
Benzoylcegonine	Benzoylcegonine-D8	5.791	3321	8936	0.3716	5.1952
Zopiclone	Zopiclone-D4	6.268	9946	91976	0.1081	4.9030
Cocaine	Cocaine-D3	6.312	69389	576763	0.1203	5.0206
Methylphenidate	Methylphenidate-D4	6.365	97391	849228	0.1147	4.7634
Metoprolol	Methylphenidate-D4	6.381	15018	849228	0.0177	4.6372
Ondansetron	Zopiclone-D4	6.436	31480	91976	0.3423	9.1780
Mirtazapine	Methylphenidate-D4	6.744	32343	849228	0.0381	5.3685
Mitragynine	Doxepin-D3	7.252	2553	109257	0.0234	4.5155
Doxepin	Doxepin-D3	7.324	10131	109257	0.0927	5.1994
Carbamazepine	Carbamazepine-13C6	7.473	152407	1597398	0.0954	4.7163
Protriptyline	Protriptyline-D3	7.531	10551	101773	0.1037	5.4104
Amitriptyline	Amitriptyline-D3	7.547	21642	77817	0.2781	4.9721
Estazolam	Estazolam-D5	7.563	34168	324403	0.1053	5.0854
Nortriptyline	Nortriptyline-D3	7.571	10827	88624	0.1222	5.5177
Maprotiline	Amitriptyline-D3	7.527	7183	77817	0.0923	3.7162
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	41707	494694	0.0843	3.8751
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	15464	406329	0.0381	4.4907
Midazolam	Midazolam-D4	7.701	13557	362778	0.0374	4.7422
Phenazepam	Phenazepam-D4	7.719	2655	18899	0.1405	4.7901
Prazepam	Prazepam-D5	8.004	97437	884273	0.1102	4.5864

ISP FORENSICS - Cd'A Instrument # 62340

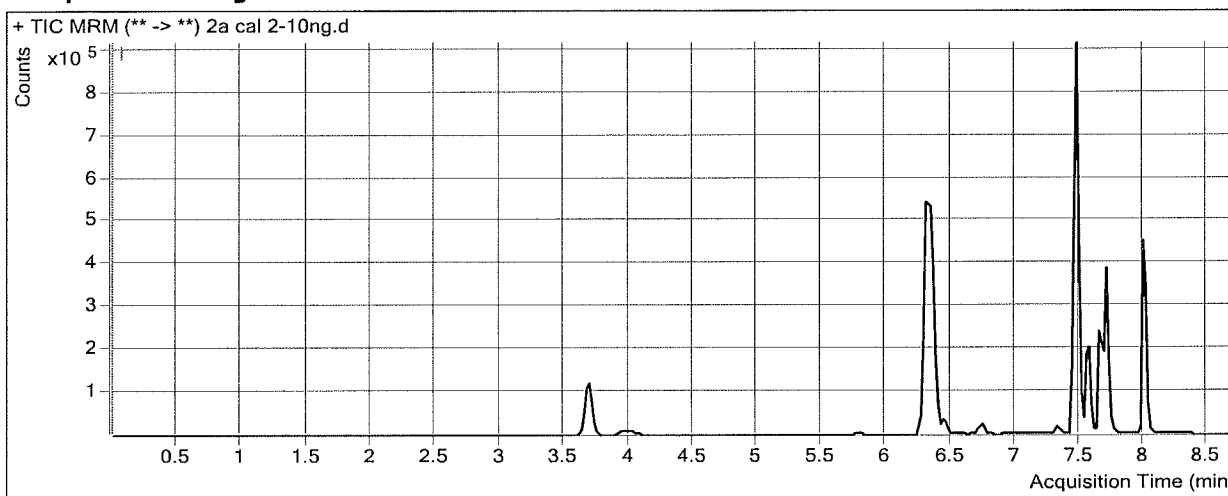
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 06:41 **Data File** 2a cal 2-10ng.d
Sample Type Calibration **Sample Name** 2a cal 2-10ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-B5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	88637	423620	0.2092	9.8132
Levamisole	Cocaine-D3	4.024	43026	536458	0.0802	10.2118
Benzoylcegonine	Benzoylcegonine-D8	5.791	7398	8980	0.8239	9.8813
Zopiclone	Zopiclone-D4	6.268	18925	87795	0.2156	9.8531
Cocaine	Cocaine-D3	6.312	123304	536458	0.2298	9.9578
Methylphenidate	Methylphenidate-D4	6.365	155245	663876	0.2338	10.1506
Metoprolol	Methylphenidate-D4	6.381	26102	663876	0.0393	10.8354
Ondansetron	Zopiclone-D4	6.436	54370	87795	0.6193	12.1324
Mirtazapine	Methylphenidate-D4	6.744	43963	663876	0.0662	8.9524
Mitragynine	Doxepin-D3	7.252	3234	39694	0.0815	12.4009
Doxepin	Doxepin-D3	7.324	8329	39694	0.2098	10.8222
Carbamazepine	Carbamazepine-13C6	7.473	306245	1540695	0.1988	9.9777
Protriptyline	Protriptyline-D3	7.531	5073	24631	0.2060	10.1407
Amitriptyline	Amitriptyline-D3	7.547	10659	13698	0.7781	14.8614
Estazolam	Estazolam-D5	7.563	74046	342612	0.2161	10.2401
Nortriptyline	Nortriptyline-D3	7.571	5338	21078	0.2533	10.8124
Maprotiline	Amitriptyline-D3	7.527	3572	13698	0.2608	15.2310
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	85374	491263	0.1738	9.7810
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	38855	400981	0.0969	11.5561
Midazolam	Midazolam-D4	7.701	23258	334850	0.0695	9.5446
Phenazepam	Phenazepam-D4	7.719	5342	18243	0.2928	10.3348
Prazepam	Prazepam-D5	8.004	190670	855397	0.2229	10.0898

ISP FORENSICS - Cd'A Instrument # 62340

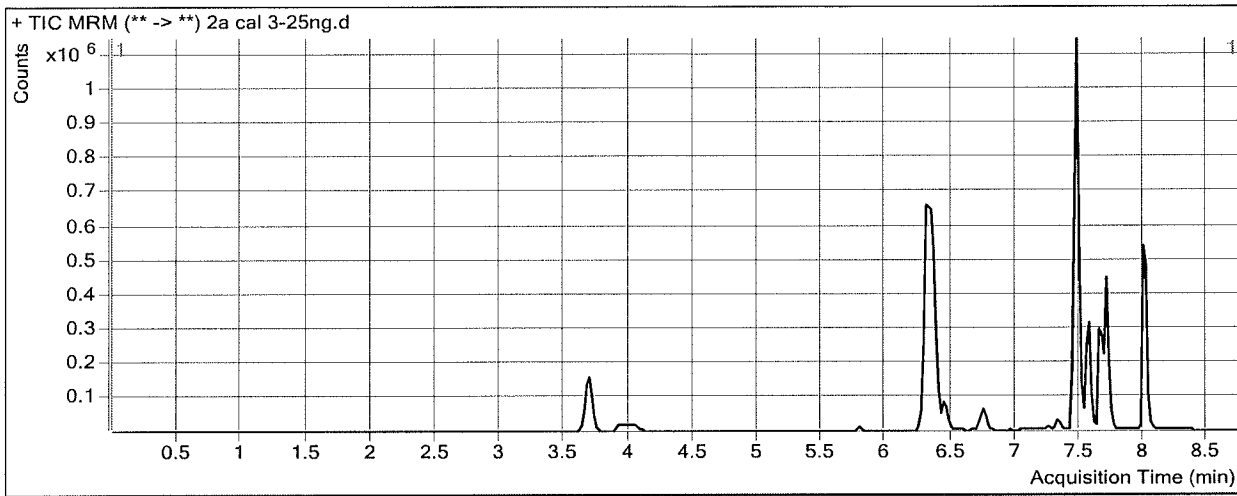
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 06:54	Data File	2a cal 3-25ng.d
Sample Type	Calibration	Sample Name	2a cal 3-25ng
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-C5	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	222292	420868	0.5282	25.2542
Levamisole	Cocaine-D3	4.024	66576	551661	0.1207	16.6948
Benzoylcegonine	Benzoylcegonine-D8	5.791	17363	9116	1.9047	21.0786
Zopiclone	Zopiclone-D4	6.268	47283	87534	0.5402	24.8101
Cocaine	Cocaine-D3	6.312	309415	551661	0.5609	24.8781
Methylphenidate	Methylphenidate-D4	6.365	370631	659053	0.5624	25.0021
Metoprolol	Methylphenidate-D4	6.381	64390	659053	0.0977	27.5635
Ondansetron	Zopiclone-D4	6.436	140464	87534	1.6047	22.6411
Mirtazapine	Methylphenidate-D4	6.744	115089	659053	0.1746	22.7610
Mitragynine	Doxepin-D3	7.252	7864	50173	0.1567	22.6170
Doxepin	Doxepin-D3	7.324	25315	50173	0.5046	24.9725
Carbamazepine	Carbamazepine-13C6	7.473	784211	1521424	0.5154	26.0975
Protriptyline	Protriptyline-D3	7.531	14672	34454	0.4258	20.3098
Amitriptyline	Amitriptyline-D3	7.547	32851	25198	1.3037	25.2583
Estazolam	Estazolam-D5	7.563	179266	334574	0.5358	25.1127
Nortriptyline	Nortriptyline-D3	7.571	16655	28235	0.5899	24.4090
Maprotiline	Amitriptyline-D3	7.527	10882	25198	0.4318	26.9210
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	202038	477301	0.4233	26.2499
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	86805	381600	0.2275	27.2351
Midazolam	Midazolam-D4	7.701	56877	328368	0.1732	25.0722
Phenazepam	Phenazepam-D4	7.719	13253	16993	0.7799	28.0648
Prazepam	Prazepam-D5	8.004	449668	852619	0.5274	24.9572

ISP FORENSICS - Cd'A Instrument # 62340

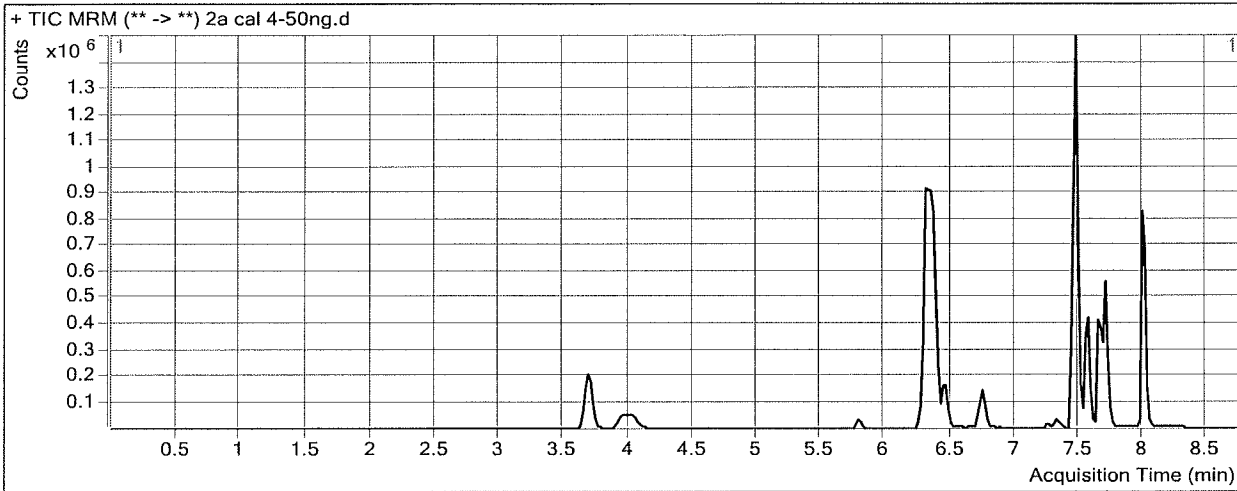
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 07:06	Data File	2a cal 4-50ng.d
Sample Type	Calibration	Sample Name	2a cal 4-50ng
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-D5	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	439674	417865	1.0522	50.6236
Levamisole	Cocaine-D3	4.024	252162	596616	0.4227	65.0572
Benzoylcegonine	Benzoylcegonine-D8	5.791	40486	9246	4.3787	46.7088
Zopiclone	Zopiclone-D4	6.268	103207	93223	1.1071	50.9340
Cocaine	Cocaine-D3	6.312	675019	596616	1.1314	50.5934
Methylphenidate	Methylphenidate-D4	6.365	828835	722795	1.1467	51.4186
Metoprolol	Methylphenidate-D4	6.401	143006	722795	0.1979	56.2595
Ondansetron	Zopiclone-D4	6.456	306593	93223	3.2888	40.6019
Mirtazapine	Methylphenidate-D4	6.744	256337	722795	0.3546	45.6914
Mitragynine	Doxepin-D3	7.252	14117	41599	0.3394	47.4059
Doxepin	Doxepin-D3	7.324	37762	41599	0.9078	44.3314
Carbamazepine	Carbamazepine-13C6	7.473	1560213	1513352	1.0310	52.3392
Protriptyline	Protriptyline-D3	7.531	20251	20321	0.9965	46.7018
Amitriptyline	Amitriptyline-D3	7.547	37638	13948	2.6985	52.8467
Estazolam	Estazolam-D5	7.563	358620	342625	1.0467	48.8804
Nortriptyline	Nortriptyline-D3	7.571	17812	14680	1.2134	49.5932
Maprotiline	Amitriptyline-D3	7.527	12446	13948	0.8923	58.3904
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	401216	474975	0.8447	54.0659
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	171330	376740	0.4548	54.5272
Midazolam	Midazolam-D4	7.701	125834	363478	0.3462	50.9612
Phenazepam	Phenazepam-D4	7.719	20150	15054	1.3385	48.4010
Prazepam	Prazepam-D5	8.004	949817	901149	1.0540	50.6698

ISP FORENSICS - Cd'A Instrument # 62340

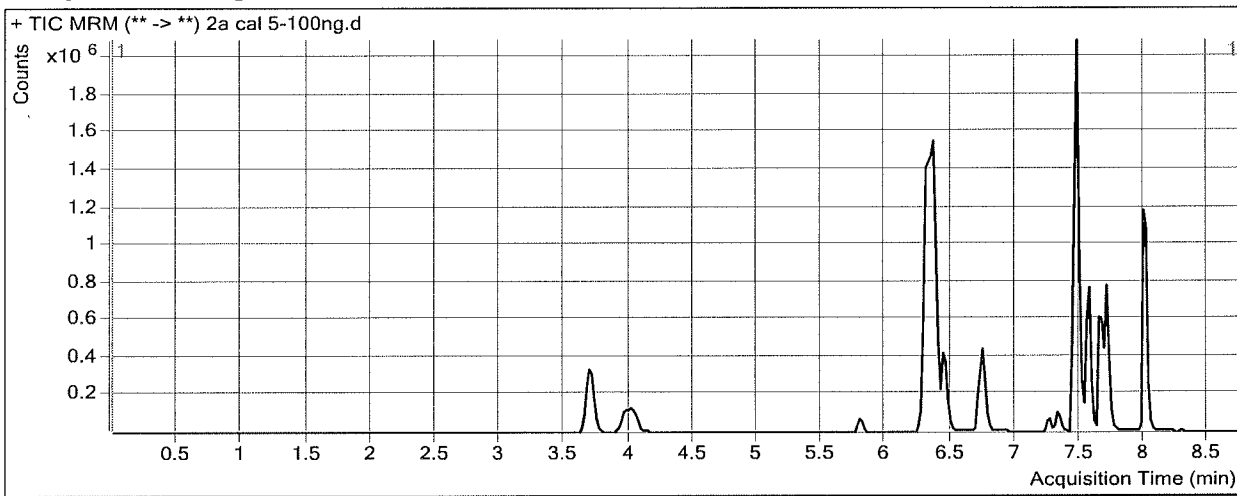
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin
Analysis Time 10/12/2017 1:12 PM **Analyst Name** anord
Report Time 10/12/2017 1:58 PM **Reporter Name** ISP Tox
Last Calib Update 10/12/2017 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2017-10-12 07:19 **Data File** 2a cal 5-100ng.d
Sample Type Calibration **Sample Name** 2a cal 5-100ng
Dilution 1 **Acq Method** MDQ Panel 2a 3-12-17-3.m
Position P1-E5 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.710	953674	455138	2.0954	101.1267
Levamisole	Cocaine-D3	4.004	566828	635536	0.8919	140.2085
Benzoylcegonine	Benzoylcegonine-D8	5.791	103660	10019	10.3461	108.5311
Zopiclone	Zopiclone-D4	6.268	164335	75732	2.1699	99.9080
Cocaine	Cocaine-D3	6.312	1438083	635536	2.2628	101.5871
Methylphenidate	Methylphenidate-D4	6.365	2122939	950909	2.2325	100.5059
Metoprolol	Methylphenidate-D4	6.381	345100	950909	0.3629	103.5541
Ondansetron	Zopiclone-D4	6.436	738337	75732	9.7493	109.5004
Mirtazapine	Methylphenidate-D4	6.744	785532	950909	0.8261	105.7419
Mitragynine	Doxepin-D3	7.252	58705	75206	0.7806	107.2957
Doxepin	Doxepin-D3	7.324	144846	75206	1.9260	93.2180
Carbamazepine	Carbamazepine-13C6	7.473	2695603	1422152	1.8954	96.3438
Protriptyline	Protriptyline-D3	7.531	70261	27622	2.5437	118.2498
Amitriptyline	Amitriptyline-D3	7.547	134405	27754	4.8426	95.2566
Estazolam	Estazolam-D5	7.563	708917	332238	2.1338	99.4551
Nortriptyline	Nortriptyline-D3	7.571	57095	25569	2.2329	90.7765
Maprotiline	Amitriptyline-D3	7.527	38173	27754	1.3754	91.4032
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	772369	461013	1.6754	108.8942
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	285196	346462	0.8232	98.7622
Midazolam	Midazolam-D4	7.701	278778	395095	0.7056	104.7502
Phenazepam	Phenazepam-D4	7.719	35028	11724	2.9876	108.4288
Prazepam	Prazepam-D5	8.004	1824546	874814	2.0856	101.0410

ISP FORENSICS - Cd'A Instrument # 62340

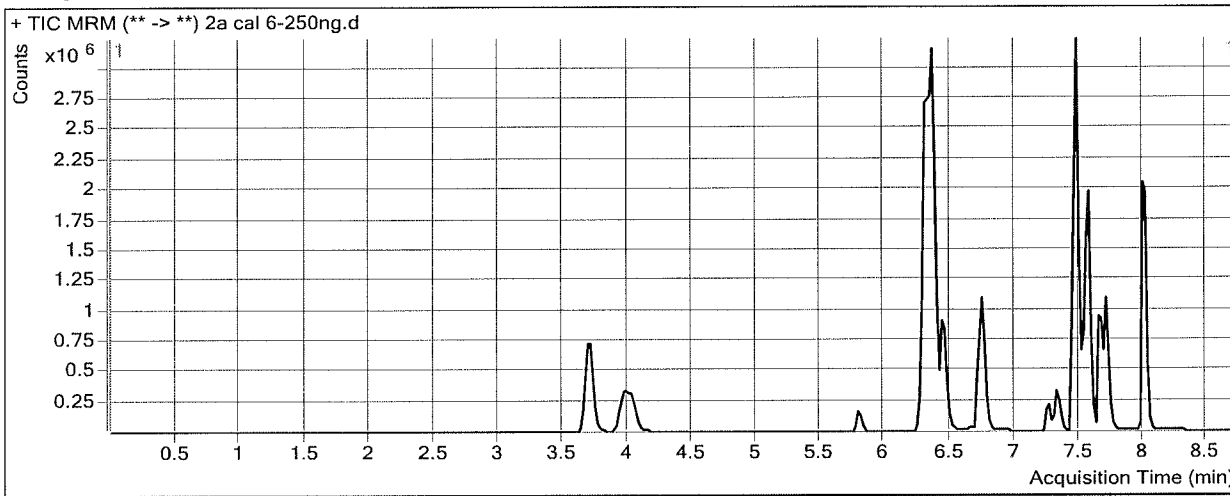
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 07:32	Data File	2a cal 6-250ng.d
Sample Type	Calibration	Sample Name	2a cal 6-250ng
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-F5	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.710	2602594	494804	5.2599	254.3318
Levamisole	Cocaine-D3	3.964	1463485	652074	2.2444	356.8143
Benzoylcegonine	Benzoylcegonine-D8	5.791	229471	10083	22.7589	237.1277
Zopiclone	Zopiclone-D4	6.268	445705	80738	5.5204	254.2920
Cocaine	Cocaine-D3	6.312	3543696	652074	5.4345	244.5435
Methylphenidate	Methylphenidate-D4	6.365	5152387	935239	5.5092	248.6336
Metoprolol	Methylphenidate-D4	6.401	714047	935239	0.7635	218.3287
Ondansetron	Zopiclone-D4	6.436	1751737	80738	21.6967	236.9141
Mirtazapine	Methylphenidate-D4	6.744	1987658	935239	2.1253	271.2317
Mitragynine	Doxepin-D3	7.252	184504	123121	1.4986	204.7469
Doxepin	Doxepin-D3	7.324	638734	123121	5.1879	249.8277
Carbamazepine	Carbamazepine-13C6	7.473	5691050	1217491	4.6744	237.8025
Protriptyline	Protriptyline-D3	7.531	505494	93011	5.4348	251.9495
Amitriptyline	Amitriptyline-D3	7.547	1043871	80661	12.9415	255.4480
Estazolam	Estazolam-D5	7.563	1282820	240488	5.3342	248.3520
Nortriptyline	Nortriptyline-D3	7.571	487381	83882	5.8103	235.2728
Maprotiline	Amitriptyline-D3	7.527	332048	80661	4.1166	278.7404
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	1462348	373410	3.9162	256.8013
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	493347	248106	1.9885	238.6838
Midazolam	Midazolam-D4	7.701	592332	344406	1.7199	256.5473
Phenazepam	Phenazepam-D4	7.719	62472	8599	7.2654	264.1486
Prazepam	Prazepam-D5	8.004	3968582	736403	5.3891	262.3401

ISP FORENSICS - Cd'A Instrument # 62340

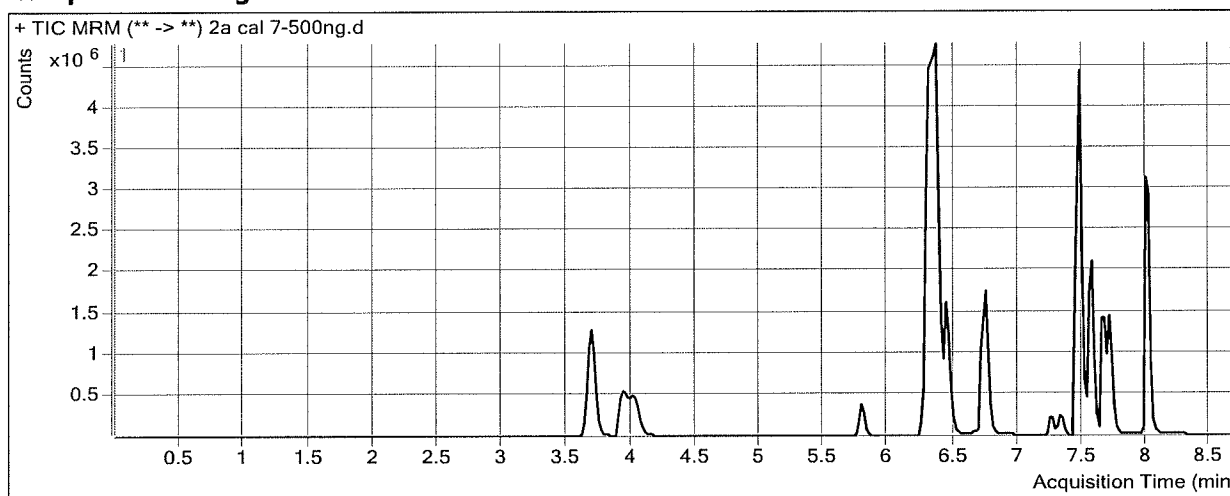
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 07:45	Data File	2a cal 7-500ng.d
Sample Type	Calibration	Sample Name	2a cal 7-500ng
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-G5	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.690	4619930	445822	10.3627	501.3804
Levamisole	Cocaine-D3	3.924	2466389	595055	4.1448	661.1844
Benzoylcegonine	Benzoylcegonine-D8	5.791	541637	9683	55.9363	580.8464
Zopiclone	Zopiclone-D4	6.268	714882	64395	11.1015	511.4579
Cocaine	Cocaine-D3	6.312	6548988	595055	11.0057	495.6498
Methylphenidate	Methylphenidate-D4	6.365	8543113	764624	11.1730	504.6781
Metoprolol	Methylphenidate-D4	6.381	1138568	764624	1.4891	426.2197
Ondansetron	Zopiclone-D4	6.436	3065501	64395	47.6045	513.2102
Mirtazapine	Methylphenidate-D4	6.744	3191754	764624	4.1743	532.2256
Mitragynine	Doxepin-D3	7.252	179308	44225	4.0544	551.6610
Doxepin	Doxepin-D3	7.324	505252	44225	11.4245	549.2607
Carbamazepine	Carbamazepine-13C6	7.473	9441637	888298	10.6289	540.9065
Protriptyline	Protriptyline-D3	7.531	210794	20339	10.3638	479.8948
Amitriptyline	Amitriptyline-D3	7.547	443491	17741	24.9979	493.9190
Estazolam	Estazolam-D5	7.563	2499031	239336	10.4415	485.9601
Nortriptyline	Nortriptyline-D3	7.571	189805	16177	11.7333	474.5171
Maprotiline	Amitriptyline-D3	7.527	133661	17741	7.5340	512.2878
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.659	2418262	306500	7.8899	519.0893
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	693887	184246	3.7661	452.1316
Midazolam	Midazolam-D4	7.701	1019102	296867	3.4329	512.9171
Phenazepam	Phenazepam-D4	7.719	100150	7757	12.9112	469.6649
Prazepam	Prazepam-D5	7.983	6555301	619380	10.5837	515.9703

ISP FORENSICS - Cd'A Instrument # 62340

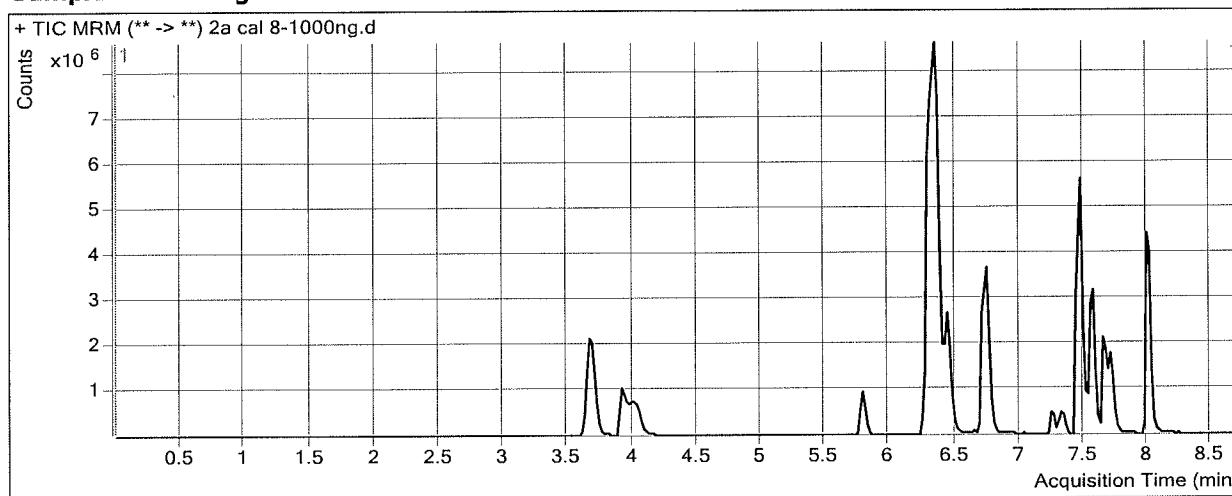
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\101117 mdq\QuantResults\mdq p2a.batch.bin		
Analysis Time	10/12/2017 1:12 PM	Analyst Name	anord
Report Time	10/12/2017 1:58 PM	Reporter Name	ISP Tox
Last Calib Update	10/12/2017 1:12 PM	Batch State	Processed

Analysis Info

Acq Time	2017-10-12 07:57	Data File	2a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	2a cal 8-1000ng
Dilution	1	Acq Method	MDQ Panel 2a 3-12-17-3.m
Position	P1-H5	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 2

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Pseudoephedrine	Pseudoephedrine-D3	3.670	8392446	409203	20.5092	992.6098
Levamisole	Cocaine-D3	4.004	2321155	537506	4.3184	688.9831
Benzoylcegonine	Benzoylcegonine-D8	5.791	1341054	9882	135.7101	1407.3038
Zopiclone	Zopiclone-D4	6.268	1021478	47837	21.3532	983.8419
Cocaine	Cocaine-D3	6.312	12022860	537506	22.3679	1007.7697
Methylphenidate	Methylphenidate-D4	6.365	15205502	690667	22.0157	994.8477
Metoprolol	Methylphenidate-D4	6.381	1763274	690667	2.5530	731.0651
Ondansetron	Zopiclone-D4	6.436	5613975	47837	117.3559	1257.0807
Mirtazapine	Methylphenidate-D4	6.744	7300476	690667	10.5702	1346.9180
Mitragynine	Doxepin-D3	7.232	412177	55535	7.4219	1008.7417
Doxepin	Doxepin-D3	7.324	1112293	55535	20.0287	962.3683
Carbamazepine	Carbamazepine-13C6	7.473	12843152	672622	19.0942	971.8164
Protriptyline	Protriptyline-D3	7.531	487177	22379	21.7692	1007.3432
Amitriptyline	Amitriptyline-D3	7.547	1068201	21634	49.3766	976.1208
Estazolam	Estazolam-D5	7.563	3592221	164372	21.8542	1016.9142
Nortriptyline	Nortriptyline-D3	7.571	461044	17761	25.9585	1049.1013
Maprotiline	Amitriptyline-D3	7.527	304251	21634	14.0637	958.5410
alpha-hydroxymidazolam	alpha-hydroxymidazolam-D4	7.639	3523679	241535	14.5887	961.2433
Chlordiazepoxide	Chlordiazepoxide-D5	7.703	872404	113892	7.6599	919.6814
Midazolam	Midazolam-D4	7.701	1627094	249421	6.5235	975.4652
Phenazepam	Phenazepam-D4	7.719	146226	6352	23.0211	837.6835
Prazepam	Prazepam-D5	7.983	9767888	491107	19.8895	970.3454