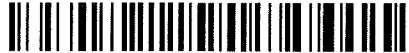

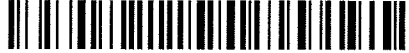



















Bylee

Worklist: 2005

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2017-2148	1	99726	AM 28 Blood Multi-Drug Quant	
C2017-2170	1	99727	AM 28 Blood Multi-Drug Quant	
C2017-2171	1	99728	AM 28 Blood Multi-Drug Quant	
C2017-2174	1	99729	AM 28 Blood Multi-Drug Quant	
C2017-2197	1	99730	AM 28 Blood Multi-Drug Quant	
C2017-2218	1	99731	AM 28 Blood Multi-Drug Quant	
C2017-2237	1	99732	AM 28 Blood Multi-Drug Quant	
C2017-2239	1	99733	AM 28 Blood Multi-Drug Quant	
C2017-2243	1	99734	AM 28 Blood Multi-Drug Quant	
M2017-3024	1	99735	AM 28 Blood Multi-Drug Quant	
M2017-4559	1	99736	AM 28 Blood Multi-Drug Quant	
M2017-4560	1	99737	AM 28 Blood Multi-Drug Quant	
M2017-4587	1	99738	AM 28 Blood Multi-Drug Quant	
M2017-4588	1	99739	AM 28 Blood Multi-Drug Quant	
M2017-4595	1	99740	AM 28 Blood Multi-Drug Quant	
M2017-4620	1	99741	AM 28 Blood Multi-Drug Quant	
M2017-4679	1	99742	AM 28 Blood Multi-Drug Quant	
M2017-4757	1	99743	AM 28 Blood Multi-Drug Quant	
M2017-4811	1	99744	AM 28 Blood Multi-Drug Quant	
M2017-5030	2	99745	AM 28 Blood Multi-Drug Quant	



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

Extraction Date: 11-8-17
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
LCMS-QQQ ID: 62340

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

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. ^{390993 amn}
- 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: 11817 mdq pi Batch Name: 11817 mdq plb ^{11817 mdq plb}
- 2. Make necessary changes to integration limits
- 3. Integration linear and r^2 values ≥ 0.98 for each analyte. *Norbuprenorphine not evaluated **
- 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: Curves limited 5-500 Amphetamine
5-500 dextromethorphan
10-1000 Norhydrocodone
1-100 Norfentanyl

Norbuprenorphine not evaluated poor response.

Toxicology AM method 28 panel 1 external prep information
working solution 10000 ng/ml in meoh morphine, dextromethorphan, lorazepam, oxazepam
Stock solution 1mg/ml 100 ul each in 9600 ul meOH lot (Fisher 168427)
Ppd 8/17/17 Exp: 2/17/17 lot 21717 by AMN

Drug	lot	expiration
Morphine	fe08141515	11/1/2020
dextromethorphan	fn07231501	7/1/2020
Lorazepam	fe04231401	5/1/2019
Oxazepam	fe08141401	10/1/2018

AM 28 control 50 ul working solution lot (21717) in 9950 ul blood lot (321632)
ppd 8/17/17 Exp 2/17/17 by AMN Concentration 50 ng/ml each

ISP FORENSICS - Cd'A Instrument # 62340

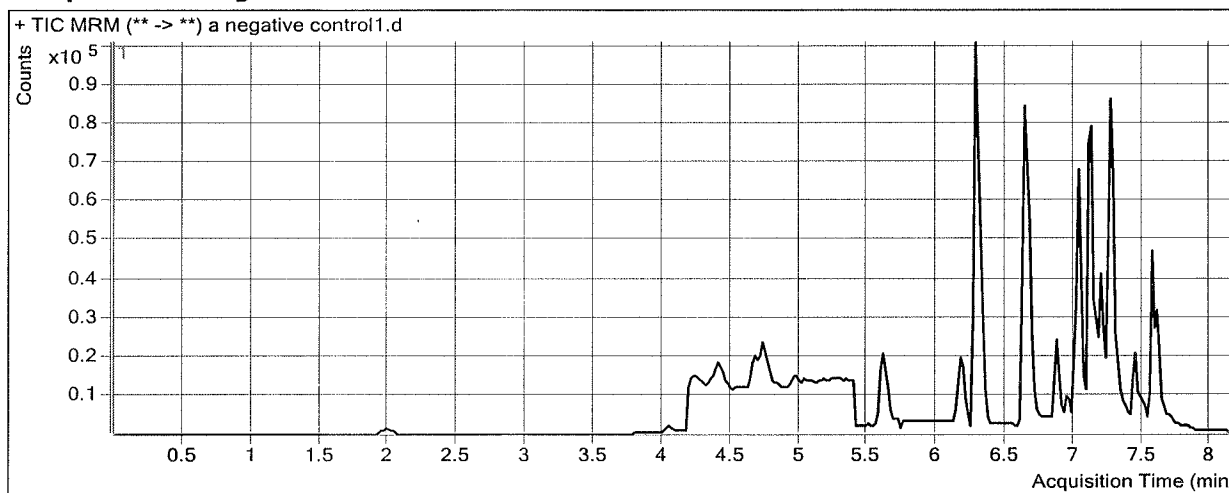
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 17:30 **Data File** a negative control1.d
Sample Type Sample **Sample Name** a negative control1
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

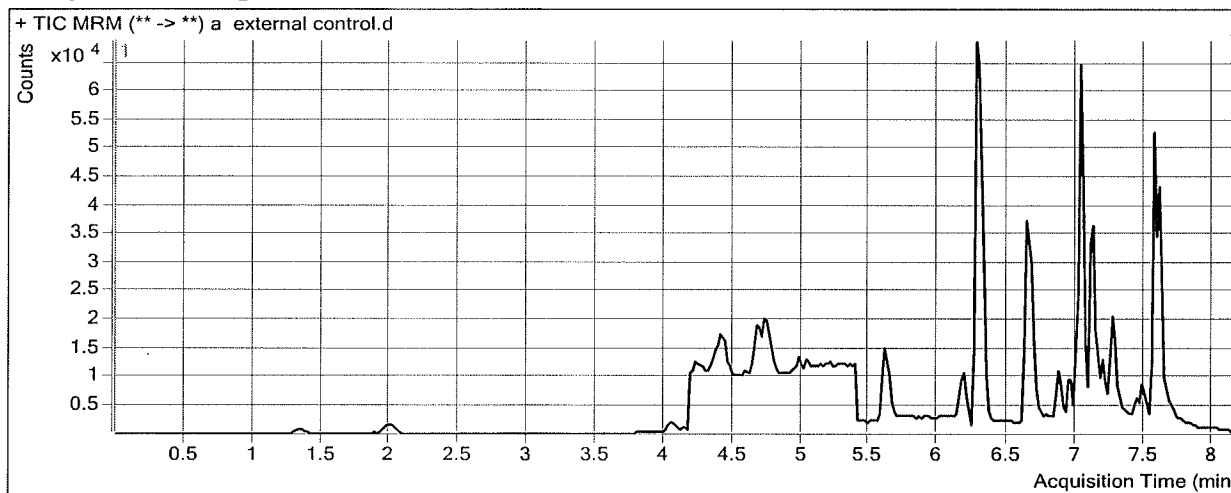
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 17:56 **Data File** a external control.d
Sample Type Sample **Sample Name** a external control
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-G2 **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	1.348	3334	800	4.1652	39.6801
Amphetamine	Amphetamine-D11	4.383	10265	11027	0.9309	-7.7915 Negative
Dextromethorphan	Dextromethorphan-D3	7.268	3055	2449	1.2478	56.8503
Lorazepam	Alprazolam-D5	7.602	12033	67662	0.1778	55.8583

no secondary transition for amphetamine - negative for amphetamine

ISP FORENSICS - Cd'A Instrument # 62340

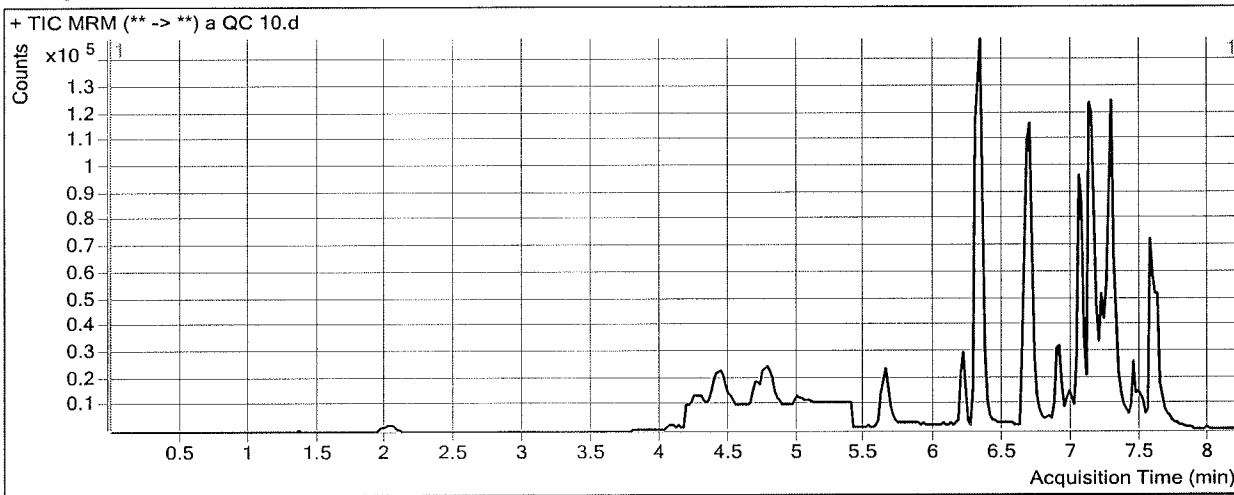
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 18:21 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.368	848	813	1.0430	9.4208
Hydromorphone	Hydromorphone-D6	2.049	4979	13700	0.3635	10.9747
Codeine	Codeine-D6	4.174	1989	7304	0.2723	10.6623
Amphetamine	Amphetamine-D11	4.423	27750	23849	1.1636	10.6070
Oxycodone	Oxycodone-D6	4.489	9635	37710	0.2555	10.6417
Norhydrocodone	Norhydrocodone-D3	4.818	579	12011	0.0482	11.8650
Methamphetamine	Phentermine-D5	4.821	12509	74869	0.1671	8.5601
Hydrocodone	Hydrocodone-D6	4.814	8121	38636	0.2102	10.7429
6-MAM	6-MAM-D6	5.008	385	12273	0.0313	10.9915
Phentermine	Phentermine-D5	5.686	6131	74869	0.0819	10.2550
Dextroprphan	Dextroprphan-D3	6.203	8047	61345	0.1312	10.4268
7-aminoclonazepam	7-Aminoclonazepam-D4	6.332	9069	34845	0.2603	10.2575
Tramadol	Tramadol-13C-D3	6.322	73400	322317	0.2277	11.0985
Doxylamine	Doxylamine-D5	6.682	69940	321841	0.2173	10.3178
Meprobamate	Meprobamate-D7	7.012	5142	25557	0.2012	10.8911
Bupropion	Bupropion-D9	6.910	18913	83408	0.2268	10.6014
Zolpidem	Zolpidem-D6	7.061	46174	203518	0.2269	11.4015
Venlafaxine	Venlafaxine-D6	7.125	65453	292344	0.2239	8.7830
Trazodone	Trazodone-D6	7.235	26563	96792	0.2744	11.0080
Citalopram	Citalopram-D6	7.257	22203	105998	0.2095	9.9686
Dextromethorphan	Dextromethorphan-D3	7.268	3205	17228	0.1860	9.6064
Diphenhydramine	Diphenhydramine-D3	7.291	33724	168919	0.1996	10.1038
Promethazine	Promethazine-D3	7.446	9040	37178	0.2432	11.7399

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

a qc 10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.502	7548	10387	0.7266	9.4356
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	1715	8059	0.2128	9.5437
Carisoprodol	Carisoprodol-D7	7.592	22883	116886	0.1958	9.5910
Lorazepam	Alprazolam-D5	7.602	3392	74488	0.0455	12.2025
Alprazolam	Alprazolam-D5	7.626	20858	74488	0.2800	10.5852



ISP FORENSICS - Cd'A Instrument # 62340

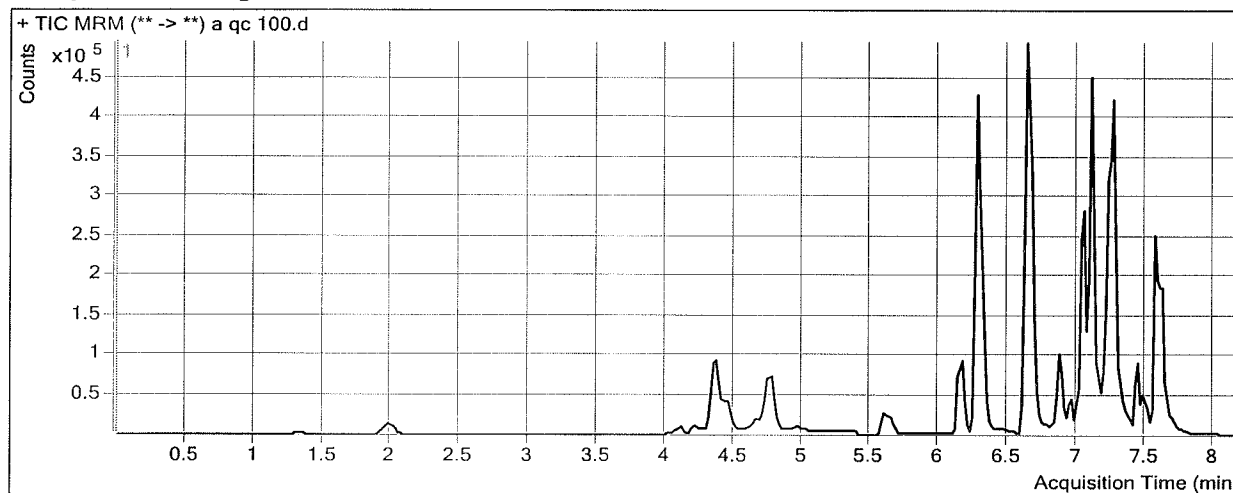
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 21:44 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.328	8772	809	10.8458	104.4255
Hydromorphone	Hydromorphone-D6	1.989	43956	14418	3.0486	101.5143
Codeine	Codeine-D6	4.115	18604	7418	2.5079	95.9682
Amphetamine	Amphetamine-D11	4.363	262259	28008	9.3637	109.8502
Oxycodone	Oxycodone-D6	4.449	108711	41192	2.6391	106.2826
Norhydrocodone	Norhydrocodone-D3	4.759	5554	12812	0.4335	104.6676
Methamphetamine	Phentermine-D5	4.762	110089	84539	1.3022	94.8408
Hydrocodone	Hydrocodone-D6	4.774	81813	40753	2.0075	111.1019
6-MAM	6-MAM-D6	4.968	3436	12729	0.2700	101.5988
Phentermine	Phentermine-D5	5.646	59056	84539	0.6986	106.0618
Dextrorphan	Dextrorphan-D3	6.163	79293	64497	1.2294	96.1995
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	94086	38585	2.4384	109.5025
Tramadol	Tramadol-13C-D3	6.282	774595	350195	2.2119	114.6424
Doxylamine	Doxylamine-D5	6.641	647328	367474	1.7616	83.9547
Meprobamate	Meprobamate-D7	6.972	44508	26395	1.6862	86.5132
Bupropion	Bupropion-D9	6.869	162385	74589	2.1771	98.8093
Zolpidem	Zolpidem-D6	7.041	485259	241422	2.0100	92.4420
Venlafaxine	Venlafaxine-D6	7.105	735356	315915	2.3277	104.5930
Trazodone	Trazodone-D6	7.215	336483	144886	2.3224	102.3751
Citalopram	Citalopram-D6	7.237	230956	117100	1.9723	85.4683
Dextromethorphan	Dextromethorphan-D3	7.248	47972	20327	2.3600	106.3359
Diphenhydramine	Diphenhydramine-D3	7.271	386340	194380	1.9876	102.5665
Promethazine	Promethazine-D3	7.446	112957	65990	1.7117	80.2495

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

a qc 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	62108	8045	7.7204	102.1273
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	18518	7650	2.4208	102.0327
Carisoprodol	Carisoprodol-D7	7.572	217568	118572	1.8349	91.3523
Lorazepam	Alprazolam-D5	7.602	20863	73116	0.2853	91.3311
Alprazolam	Alprazolam-D5	7.626	191042	73116	2.6129	97.5032



ISP FORENSICS - Cd'A Instrument # 62340

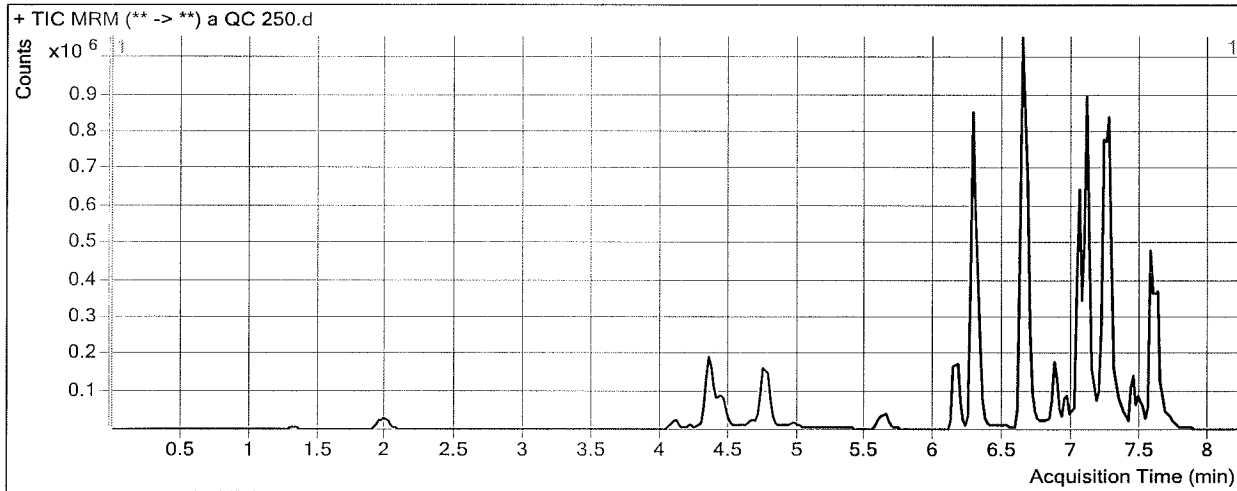
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-09 00:03 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.328	21330	747	28.5563	276.0686
Hydromorphone	Hydromorphone-D6	1.989	107178	13222	8.1060	272.0436
Codeine	Codeine-D6	4.115	45882	6884	6.6646	254.5795
Amphetamine	Amphetamine-D11	4.363	540840	25683	21.0586	251.3894
Oxycodone	Oxycodone-D6	4.449	265914	40455	6.5731	264.1295
Norhydrocodone	Norhydrocodone-D3	4.759	13681	11807	1.1588	279.3395
Methamphetamine	Phentermine-D5	4.762	262257	74929	3.5001	261.8945
Hydrocodone	Hydrocodone-D6	4.774	188275	37253	5.0539	281.2047
6-MAM	6-MAM-D6	4.968	7918	12067	0.6562	248.2550
Phentermine	Phentermine-D5	5.646	137026	74929	1.8288	281.6456
Dextrorphan	Dextrorphan-D3	6.143	190822	57985	3.2909	257.2027
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	200971	33175	6.0580	274.4225
Tramadol	Tramadol-13C-D3	6.282	1873624	344373	5.4407	283.1361
Doxylamine	Doxylamine-D5	6.641	1527716	297263	5.1393	245.0195
Meprobamate	Meprobamate-D7	6.972	116590	23369	4.9892	254.7119
Bupropion	Bupropion-D9	6.869	328257	58896	5.5735	252.4214
Zolpidem	Zolpidem-D6	7.041	1182347	202191	5.8477	266.8598
Venlafaxine	Venlafaxine-D6	7.105	1499925	250636	5.9845	271.1267
Trazodone	Trazodone-D6	7.215	850809	130306	6.5293	290.0607
Citalopram	Citalopram-D6	7.237	639516	89995	7.1062	305.3444
Dextromethorphan	Dextromethorphan-D3	7.248	113031	19220	5.8808	262.9925
Diphenhydramine	Diphenhydramine-D3	7.271	999428	185677	5.3826	278.1454
Promethazine	Promethazine-D3	7.446	211341	51239	4.1246	192.8145

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

a uc 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	118027	5731	20.5928	272.7322
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	41891	7942	5.2748	221.5844
Carisoprodol	Carisoprodol-D7	7.572	476215	102544	4.6440	231.4741
Lorazepam	Alprazolam-D5	7.602	48465	59415	0.8157	266.3356
Alprazolam	Alprazolam-D5	7.626	430921	59415	7.2527	270.3759



ISP FORENSICS - Cd'A Instrument # 62340

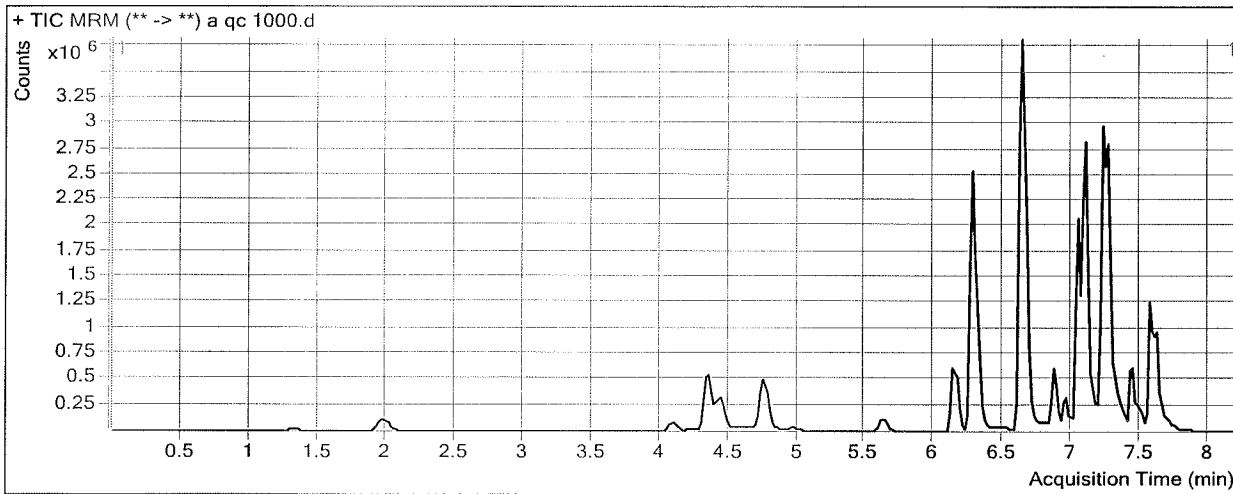
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-09 01:31 **Data File** a qc 1000.d
Sample Type QC **Sample Name** a qc 1000
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

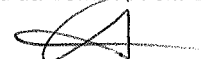
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	79083	741	106.7770	1034.1507
Hydromorphone	Hydromorphone-D6	1.989	423820	13945	30.3921	1023.4987
Codeine	Codeine-D6	4.095	169265	6475	26.1425	997.8229
Amphetamine	Amphetamine-D11	4.363	1542099	24601	62.6836	755.1610 *
Oxycodone	Oxycodone-D6	4.429	1075354	45669	23.5465	945.1717
Norhydrocodone	Norhydrocodone-D3	4.739	47542	11771	4.0390	972.9945
Methamphetamine	Phentermine-D5	4.762	804036	69994	11.4871	868.9718
Hydrocodone	Hydrocodone-D6	4.754	684074	39778	17.1974	959.2649
6-MAM	6-MAM-D6	4.968	31048	12529	2.4782	940.1107
Phentermine	Phentermine-D5	5.646	425432	69994	6.0781	941.8142
Dextrorphan	Dextrorphan-D3	6.143	772732	59494	12.9885	1014.5889
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	544422	27173	20.0358	911.3027
Tramadol	Tramadol-13C-D3	6.282	6642417	372096	17.8513	930.7857
Doxylamine	Doxylamine-D5	6.641	7319657	384755	19.0242	907.1161
Meprobamate	Meprobamate-D7	6.972	455193	24536	18.5523	945.3969
Bupropion	Bupropion-D9	6.869	1182882	55247	21.4106	968.7009
Zolpidem	Zolpidem-D6	7.041	4238831	205353	20.6417	939.2304
Venlafaxine	Venlafaxine-D6	7.105	6425699	293287	21.9092	996.3582
Trazodone	Trazodone-D6	7.215	2670975	176701	15.1158	673.1325
Citalopram	Citalopram-D6	7.237	2194467	104641	20.9713	899.1714
Dextromethorphan	Dextromethorphan-D3	7.248	478556	20784	23.0247	1025.7999 *
Diphenhydramine	Diphenhydramine-D3	7.271	4126387	193813	21.2906	1100.8363
Promethazine	Promethazine-D3	7.446	1418360	74592	19.0149	887.4619

* outside range of curve *

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

α q c 7000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	333402	4211	79.1834	1049.2615
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	144774	6546	22.1173	927.0872
Carisoprodol	Carisoprodol-D7	7.572	1308167	68653	19.0549	950.3028
Lorazepam	Alprazolam-D5	7.602	133433	43656	3.0565	1005.7062
Alprazolam	Alprazolam-D5	7.626	1232366	43656	28.2291	1051.9146



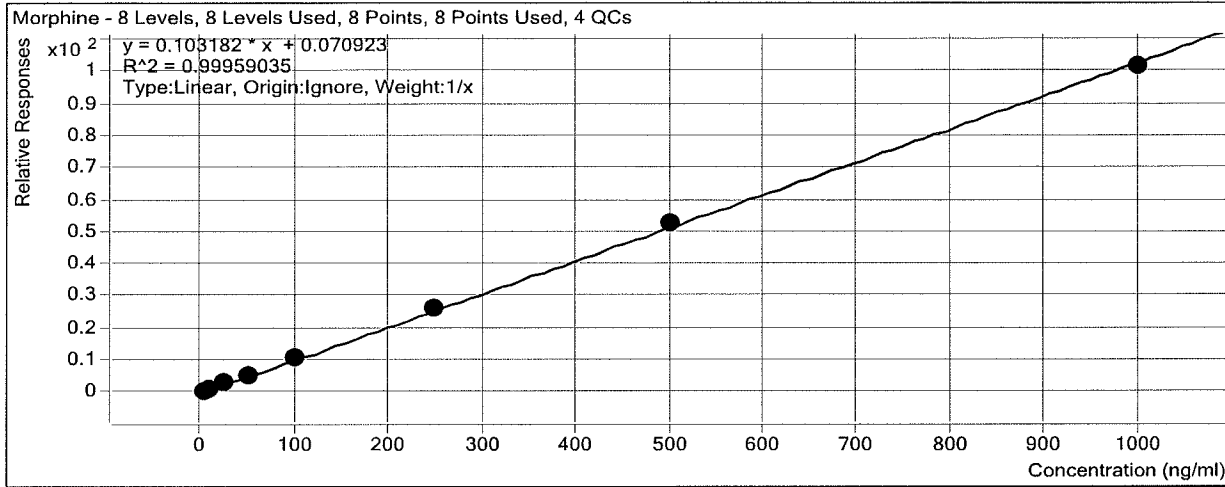
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	91.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	103.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a qc 100	5	<input checked="" type="checkbox"/>	100	104.4	104.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.8	102.3
a QC 250	6	<input checked="" type="checkbox"/>	250	276.1	110.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.4	101.9
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	982.4	98.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1034.2	103.4

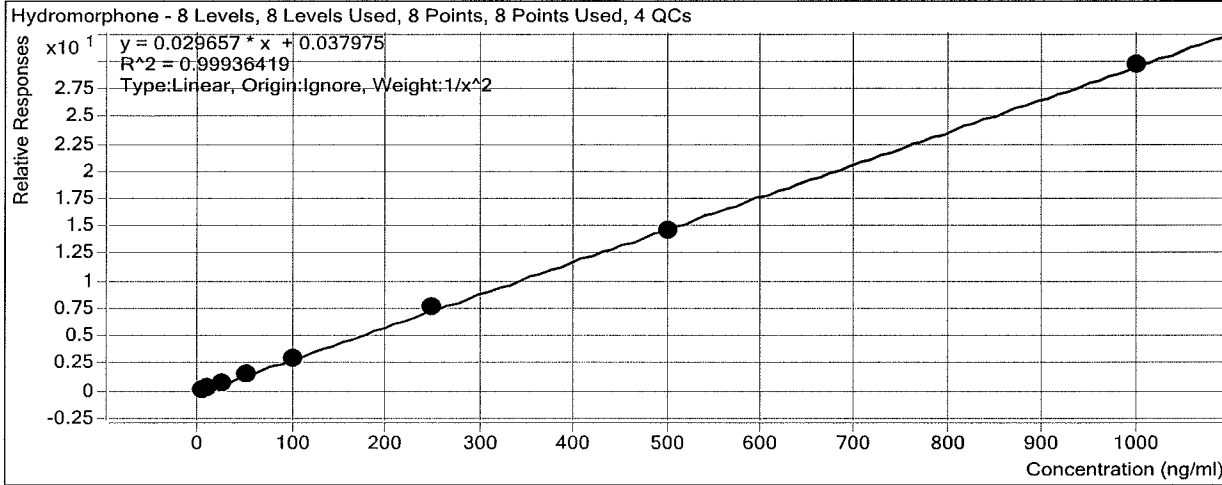
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a qc 100	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	272.0	108.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.0	98.8
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	999.9	100.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1023.5	102.3

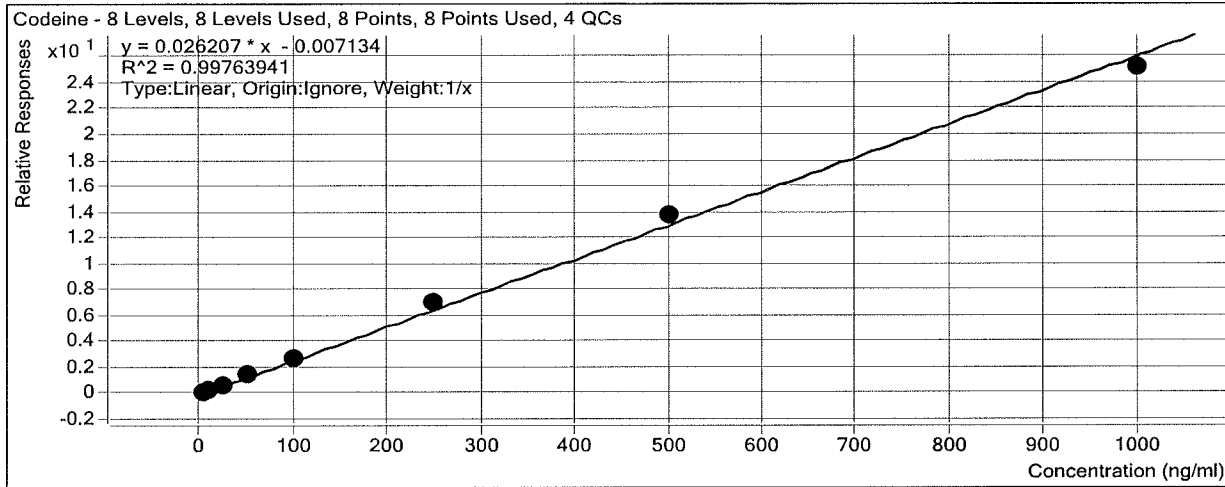
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	5.0	99.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a qc 100	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.6	106.3
a QC 250	6	<input checked="" type="checkbox"/>	250	254.6	101.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.9	105.2
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	959.3	95.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	997.8	99.8

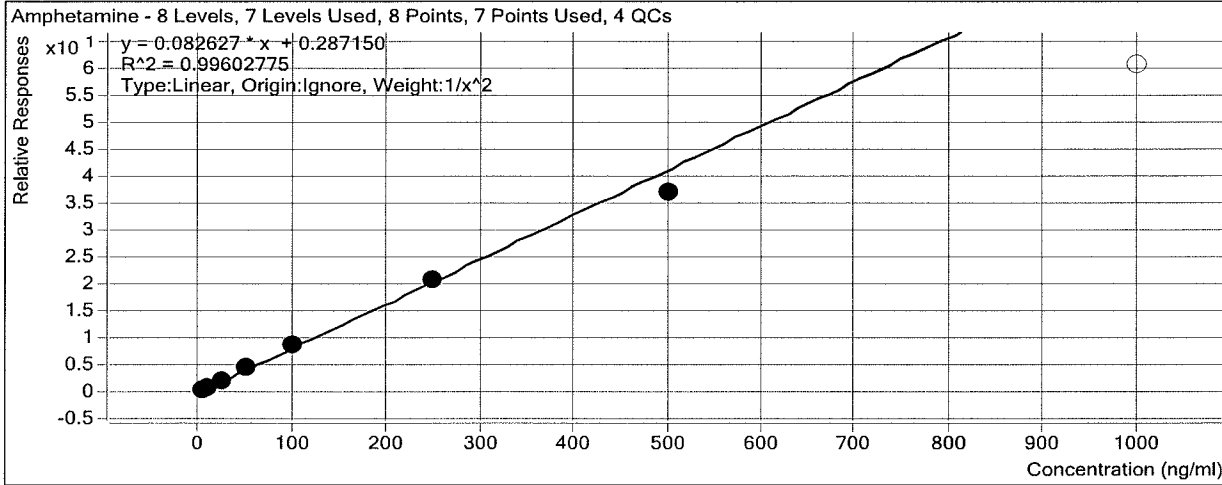
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	97.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.9	102.9
a qc 100	5	<input checked="" type="checkbox"/>	100	109.9	109.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a QC 250	6	<input checked="" type="checkbox"/>	250	251.4	100.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	447.8	89.6
a cal 8 1000 ng	8	<input type="checkbox"/>	1000	731.8	73.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	755.2	75.5

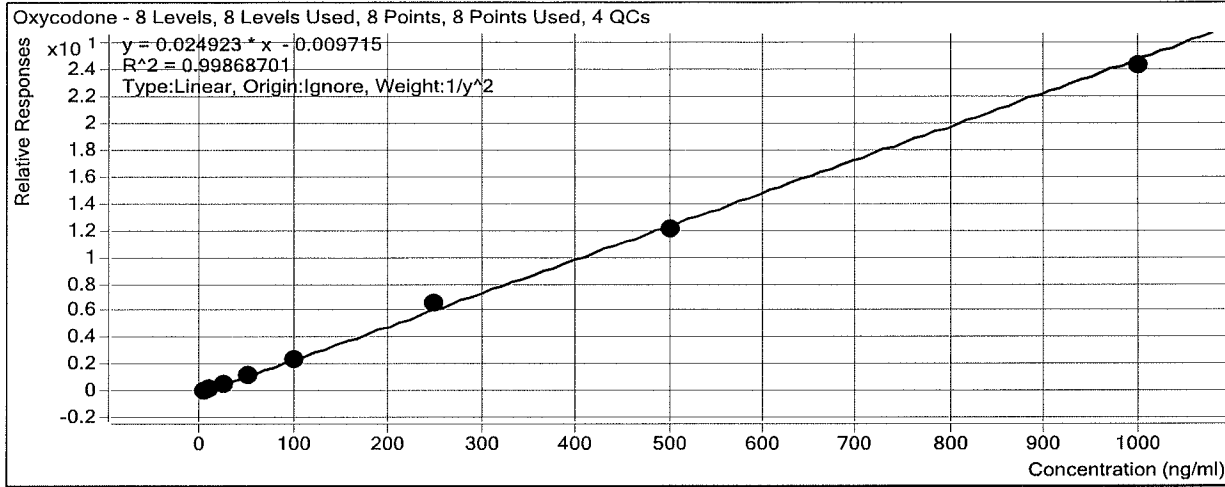
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



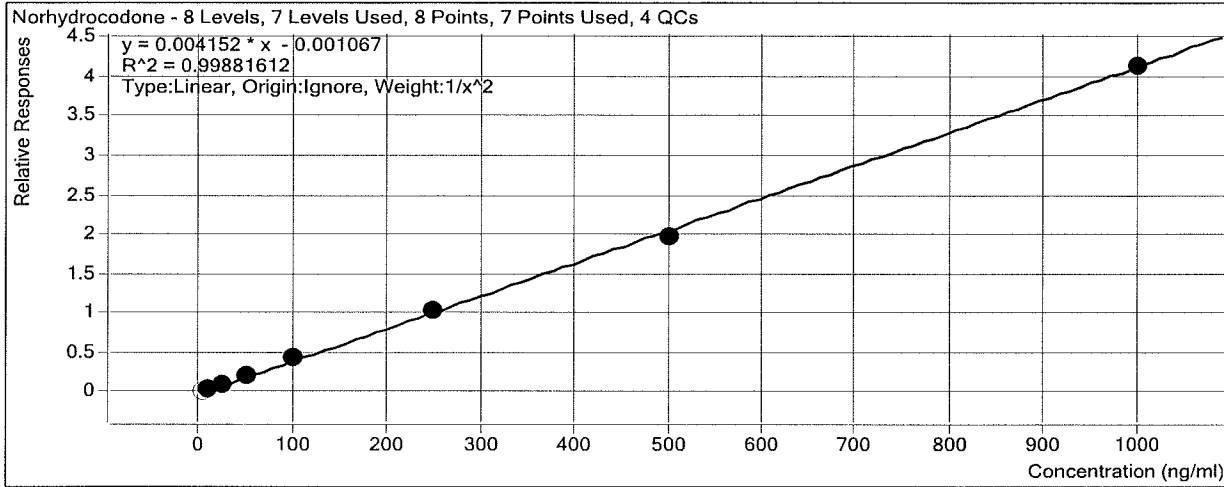
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.4	104.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a qc 100	5	<input checked="" type="checkbox"/>	100	106.3	106.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.9	105.1
a QC 250	6	<input checked="" type="checkbox"/>	250	264.1	105.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.6	97.5
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	974.0	97.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	945.2	94.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

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



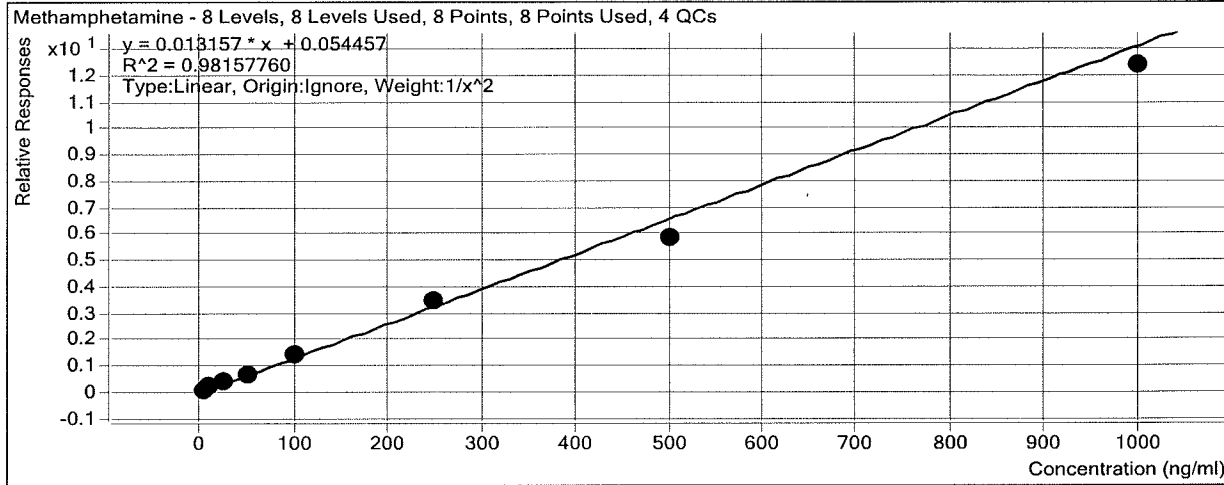
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	6.2	123.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a QC 10	2	<input checked="" type="checkbox"/>	10	11.9	118.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a qc 100	5	<input checked="" type="checkbox"/>	100	104.7	104.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.8	101.1
a QC 250	6	<input checked="" type="checkbox"/>	250	279.3	111.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.9	95.6
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	993.7	99.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	973.0	97.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

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



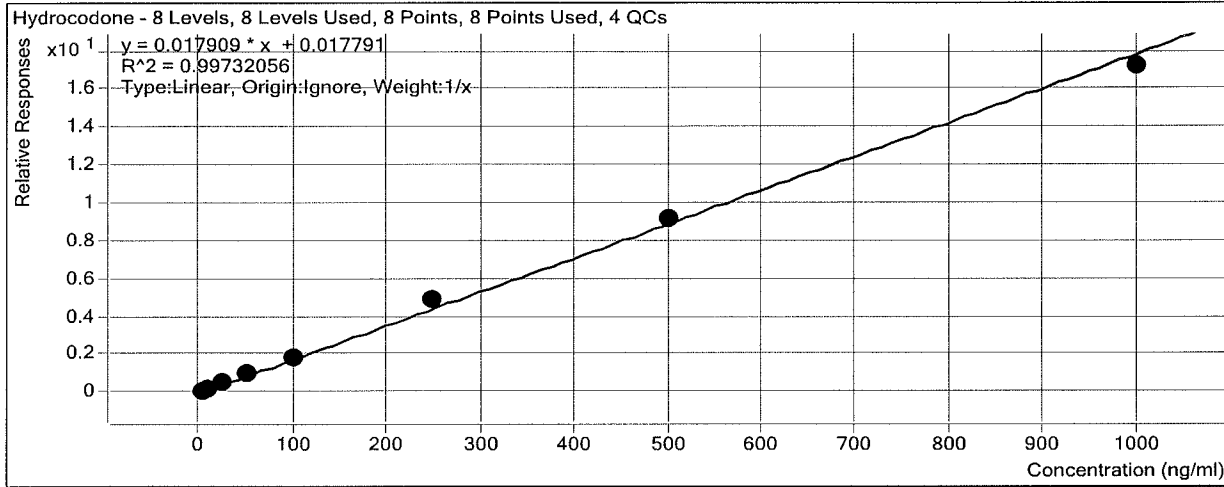
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	88.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	12.4	124.2
a QC 10	2	<input checked="" type="checkbox"/>	10	8.6	85.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.2	107.2
a qc 100	5	<input checked="" type="checkbox"/>	100	94.8	94.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	261.9	104.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	444.4	88.9
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	937.5	93.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	869.0	86.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	4.1	81.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a qc 100	5	<input checked="" type="checkbox"/>	100	111.1	111.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	273.3	109.3
a QC 250	6	<input checked="" type="checkbox"/>	250	281.2	112.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.9	102.4
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	958.5	95.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	959.3	95.9

ISP Forensics Calibration Curve Report

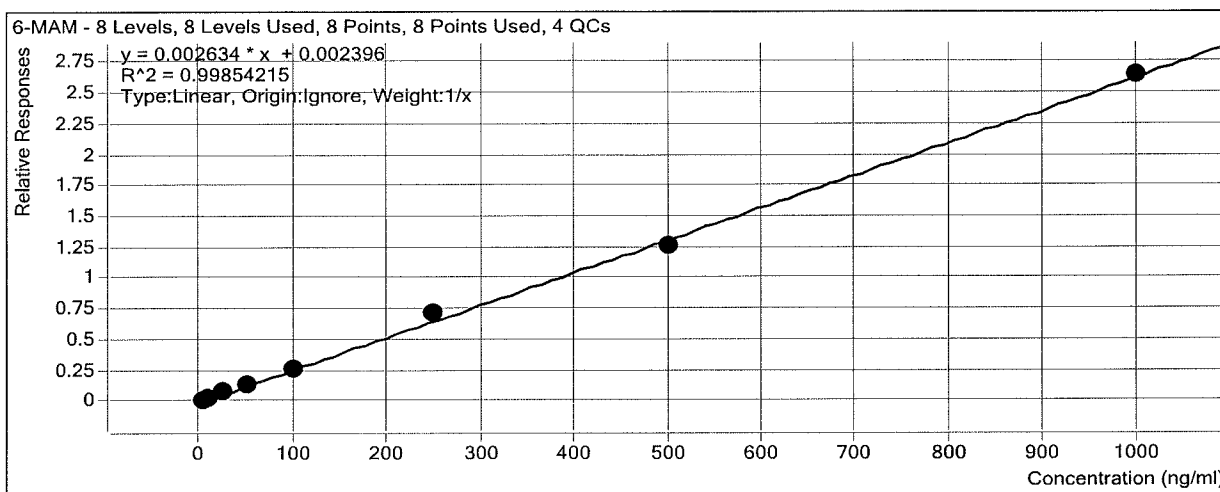
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound 6-MAM

Internal Standard 6-MAM-D6



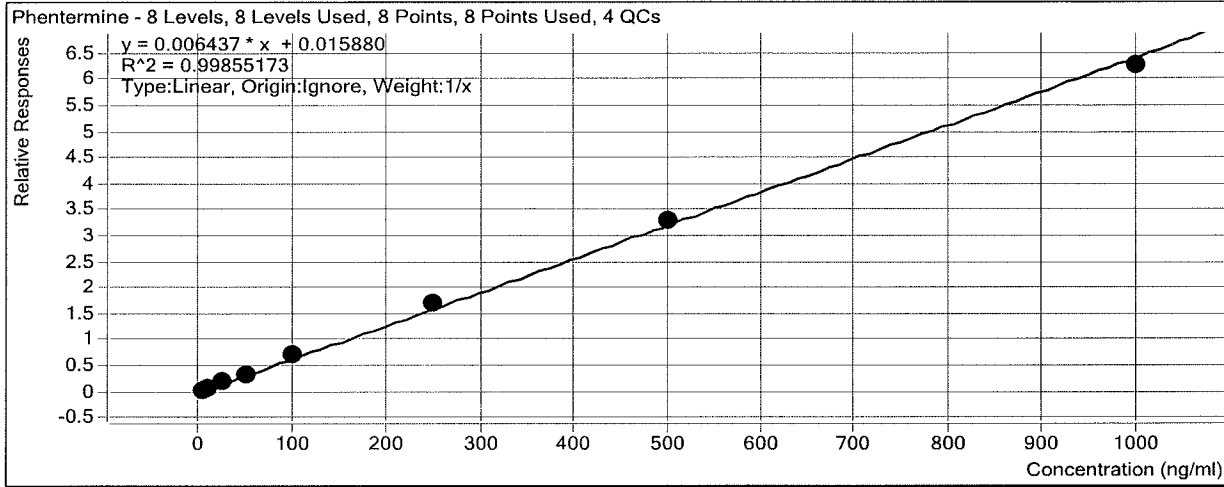
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.0	79.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.0	109.7
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.9	107.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a qc 100	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.6	107.0
a QC 250	6	<input checked="" type="checkbox"/>	250	248.3	99.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.9	95.8
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1001.7	100.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	940.1	94.0

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	4.0	79.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.9	106.9
a qc 100	5	<input checked="" type="checkbox"/>	100	106.1	106.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.6	105.4
a QC 250	6	<input checked="" type="checkbox"/>	250	281.6	112.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.6	101.9
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	970.1	97.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	941.8	94.2

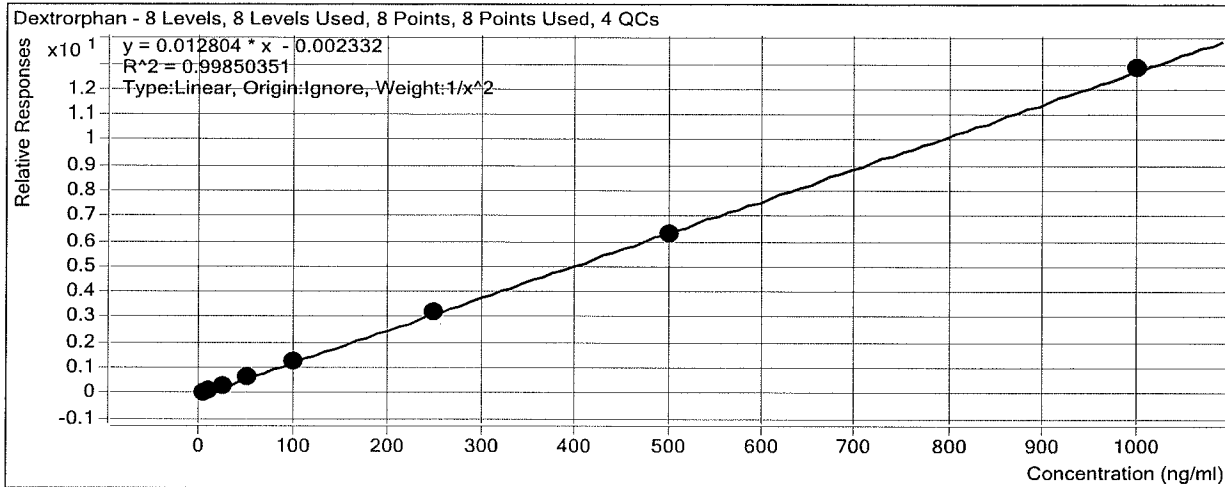
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	103.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.5	105.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a qc 100	5	<input checked="" type="checkbox"/>	100	96.2	96.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.9	101.2
a QC 250	6	<input checked="" type="checkbox"/>	250	257.2	102.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.0	99.4
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1003.1	100.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1014.6	101.5

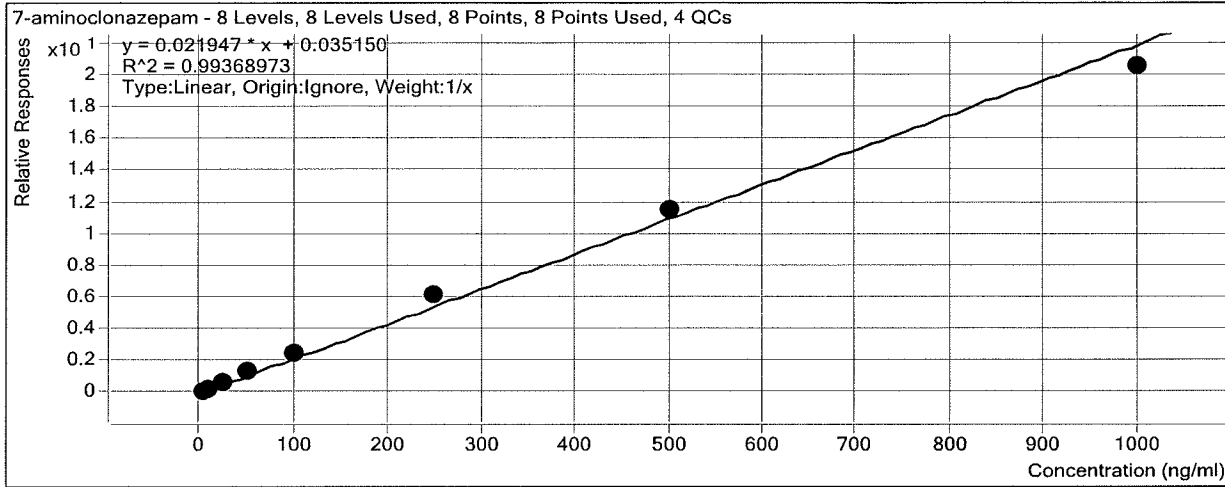
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.0	79.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	84.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.6	113.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.0	111.0
a qc 100	5	<input checked="" type="checkbox"/>	100	109.5	109.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	276.4	110.6
a QC 250	6	<input checked="" type="checkbox"/>	250	274.4	109.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.5	105.1
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	932.3	93.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	911.3	91.1

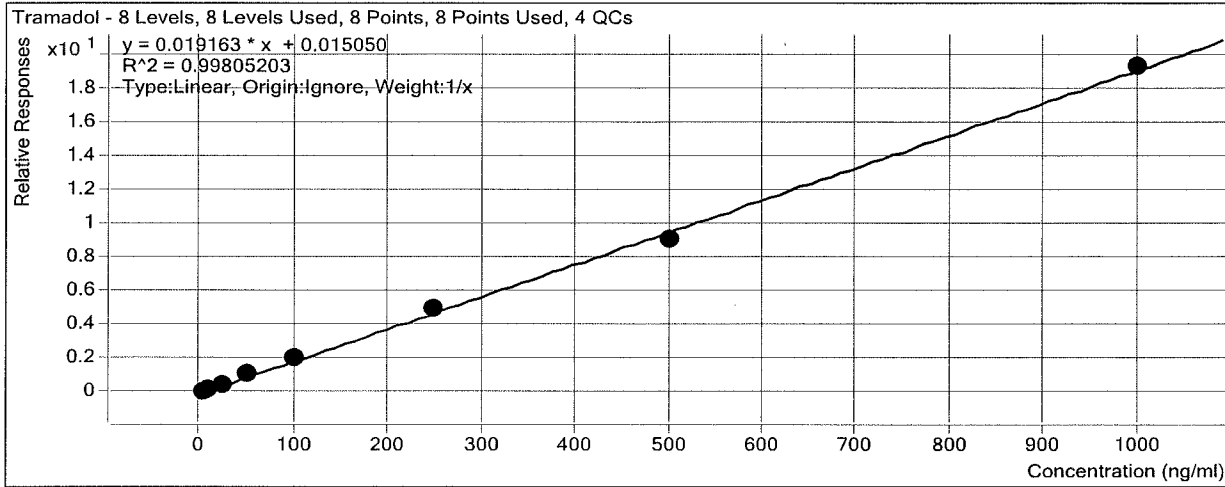
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.2
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	111.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.2	112.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100	5	<input checked="" type="checkbox"/>	100	114.6	114.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.1	104.8
a QC 250	6	<input checked="" type="checkbox"/>	250	283.1	113.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	472.6	94.5
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1005.3	100.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	930.8	93.1

ISP Forensics Calibration Curve Report

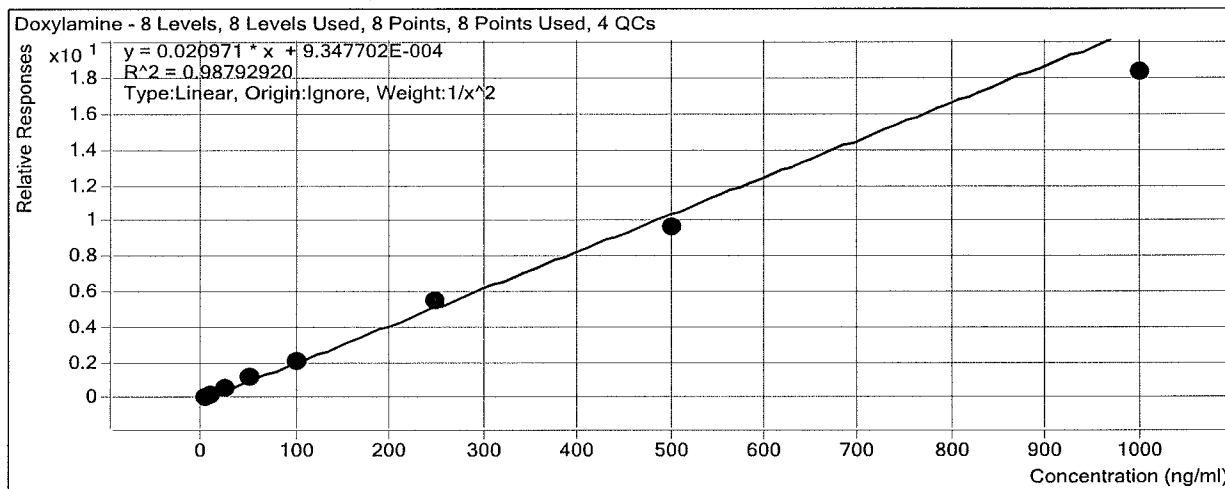
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Doxylamine

Internal Standard Doxylamine-D5



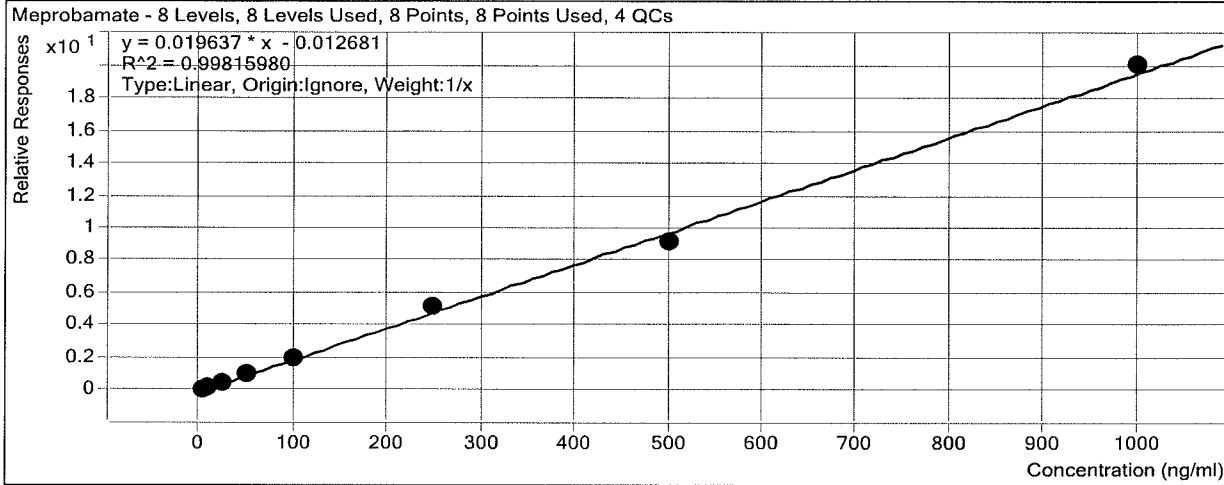
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.0	108.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	58.6	117.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a qc 100	5	<input checked="" type="checkbox"/>	100	84.0	84.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.9	103.6
a QC 250	6	<input checked="" type="checkbox"/>	250	245.0	98.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	460.2	92.0
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	874.8	87.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	907.1	90.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

Target Compound Meprobamate
Internal Standard Meprobamate-D7



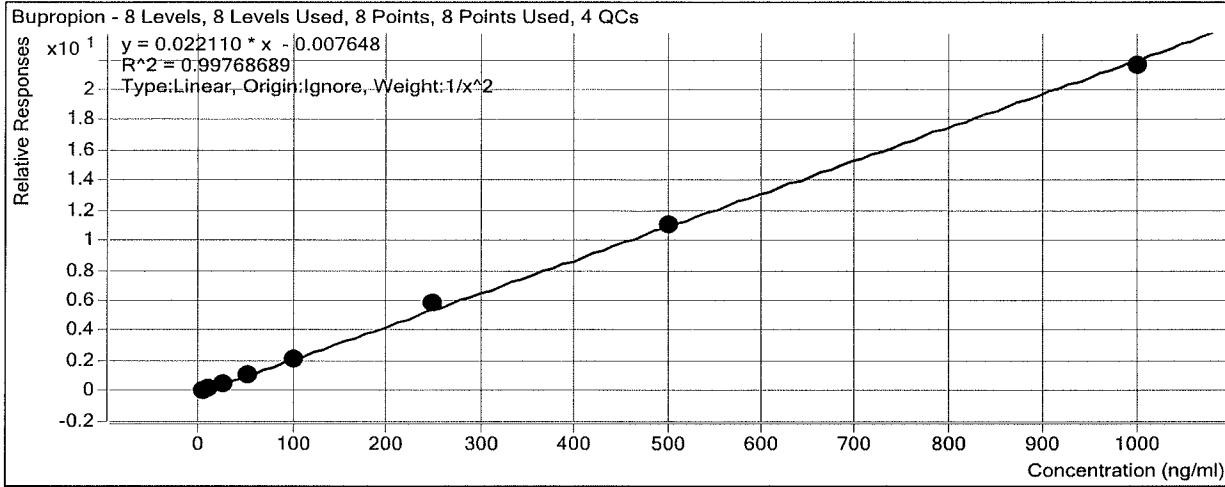
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	112.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	89.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.2	100.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a qc 100	5	<input checked="" type="checkbox"/>	100	86.5	86.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.4	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	467.7	93.5
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1021.0	102.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	945.4	94.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	106.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.6	105.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a qc 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.8	105.9
a QC 250	6	<input checked="" type="checkbox"/>	250	252.4	101.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.0	99.8
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	976.1	97.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	968.7	96.9

ISP Forensics Calibration Curve Report

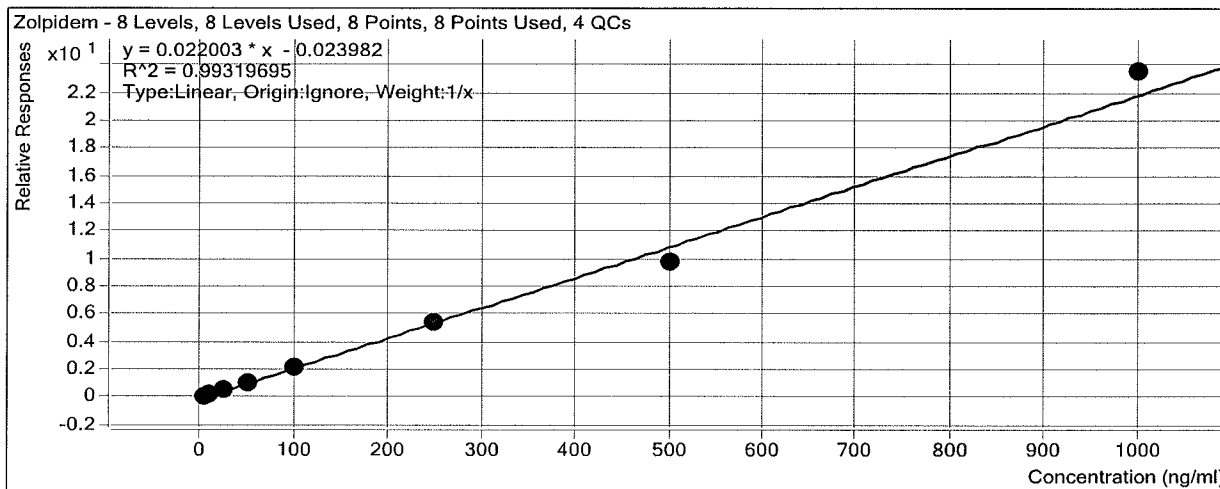
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Zolpidem

Internal Standard Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.5
a QC 10	2	<input checked="" type="checkbox"/>	10	11.4	114.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.7	89.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.0	98.0
a qc 100	5	<input checked="" type="checkbox"/>	100	92.4	92.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a QC 250	6	<input checked="" type="checkbox"/>	250	266.9	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	443.0	88.6
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1068.8	106.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	939.2	93.9

ISP Forensics Calibration Curve Report

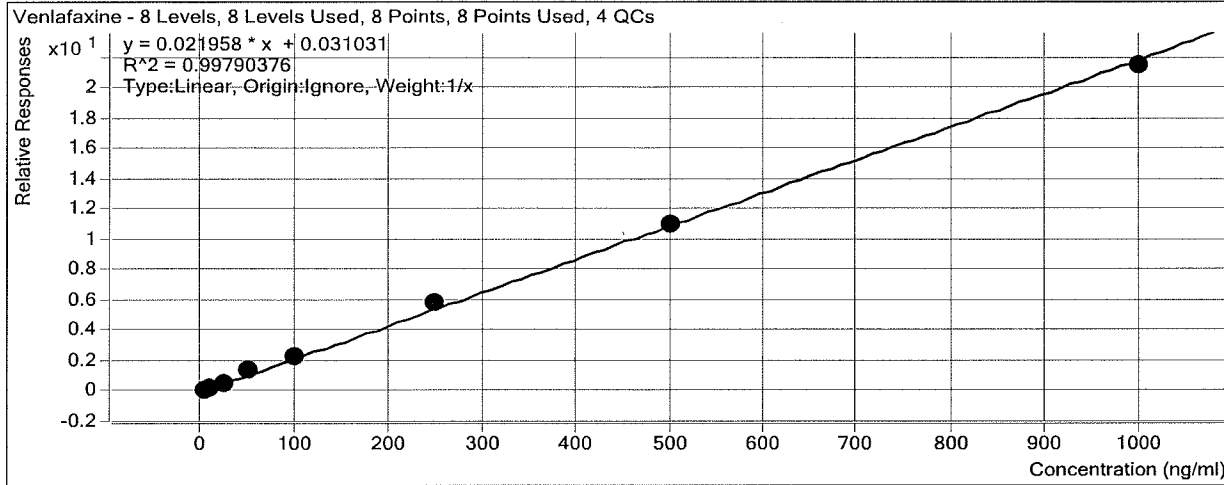
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Venlafaxine

Internal Standard Venlafaxine-D6



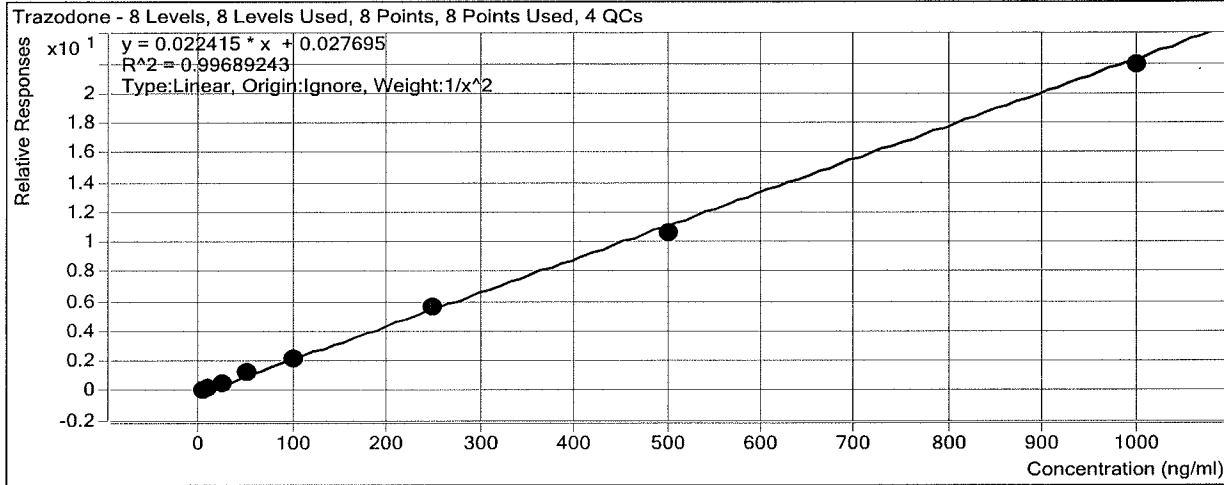
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.7	74.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10	2	<input checked="" type="checkbox"/>	10	8.8	87.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	59.7	119.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a qc 100	5	<input checked="" type="checkbox"/>	100	104.6	104.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.1	105.2
a QC 250	6	<input checked="" type="checkbox"/>	250	271.1	108.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.5	99.7
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	976.6	97.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	996.4	99.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.4
a QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.4	106.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a qc 100	5	<input checked="" type="checkbox"/>	100	102.4	102.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.3	101.3
a QC 250	6	<input checked="" type="checkbox"/>	250	290.1	116.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	471.2	94.2
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	974.3	97.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	673.1	67.3

ISP Forensics Calibration Curve Report

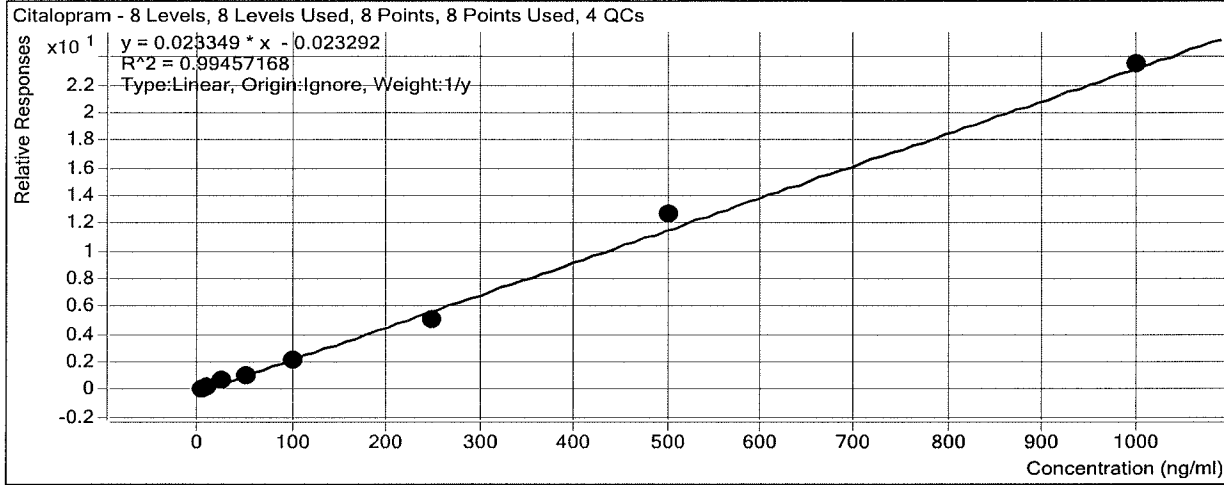
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Citalopram

Internal Standard Citalopram-D6



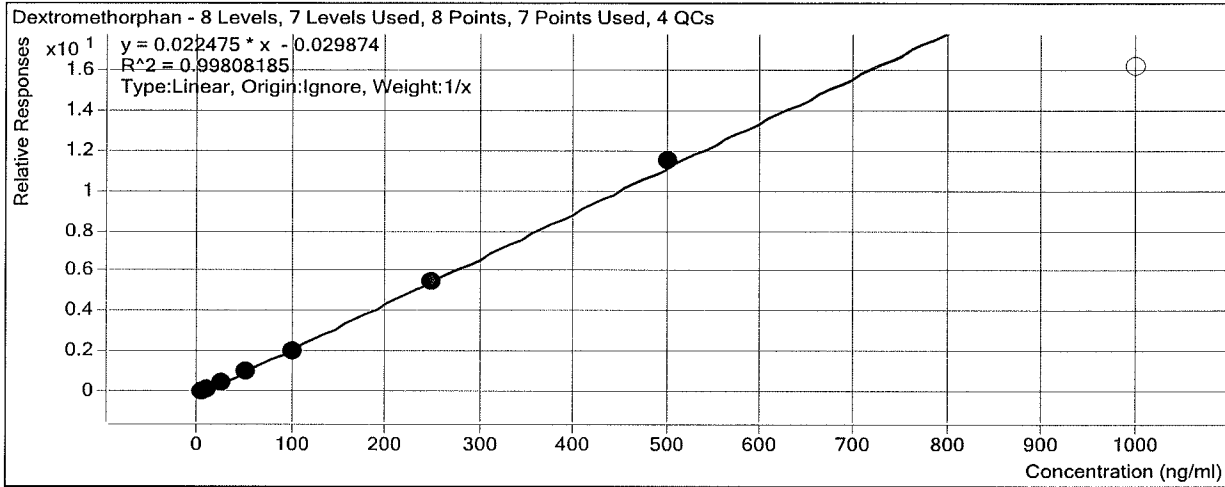
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.0	120.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.6	110.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.1	88.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a qc 100	5	<input checked="" type="checkbox"/>	100	85.5	85.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	217.5	87.0
a QC 250	6	<input checked="" type="checkbox"/>	250	305.3	122.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	541.9	108.4
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1006.7	100.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	899.2	89.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

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



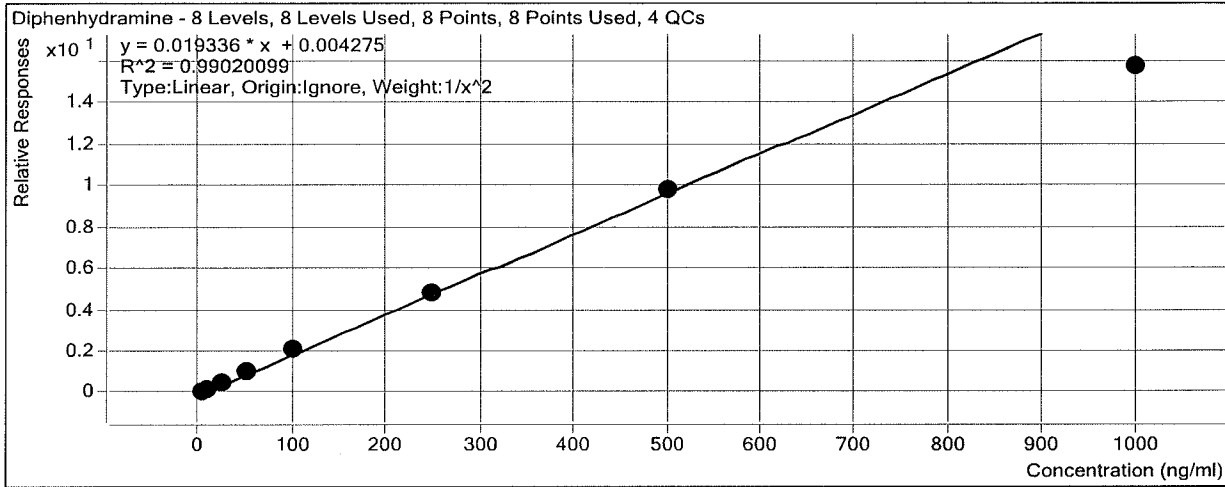
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	93.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a qc 100	5	<input checked="" type="checkbox"/>	100	106.3	106.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.5	97.8
a QC 250	6	<input checked="" type="checkbox"/>	250	263.0	105.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.8	103.2
a cal 8 1000 ng	8	<input type="checkbox"/>	1000	719.2	71.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1025.8	102.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

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



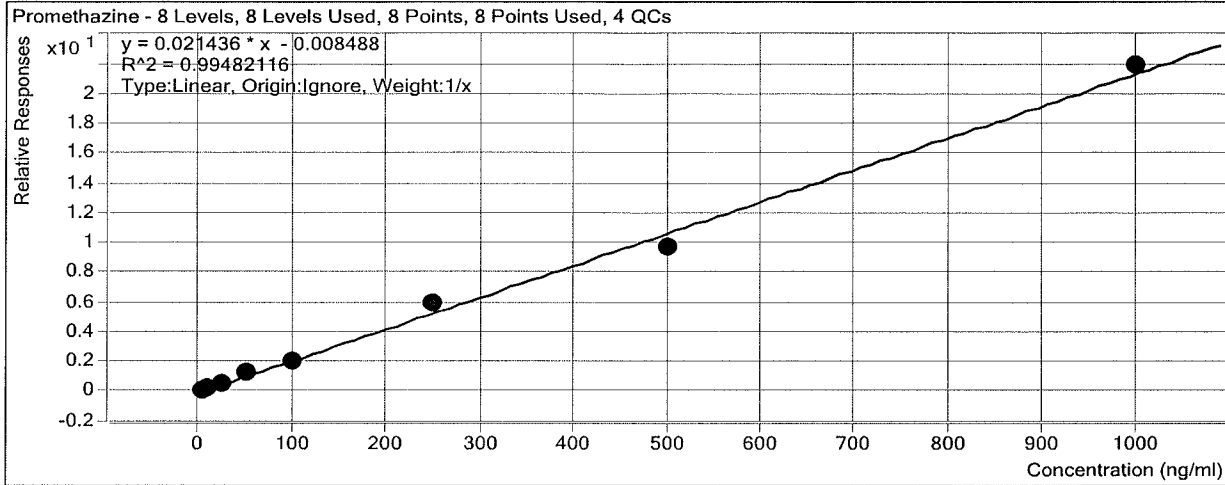
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.7	110.7
a qc 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.6	100.2
a QC 250	6	<input checked="" type="checkbox"/>	250	278.1	111.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.1	101.0
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	811.8	81.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1100.8	110.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM **Analyst Name** ISP TOX

Target Compound Promethazine
Internal Standard Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	11.7	117.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.7	86.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.8	113.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.4	92.4
a qc 100	5	<input checked="" type="checkbox"/>	100	80.2	80.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	277.5	111.0
a QC 250	6	<input checked="" type="checkbox"/>	250	192.8	77.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	456.1	91.2
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1020.4	102.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	887.5	88.7

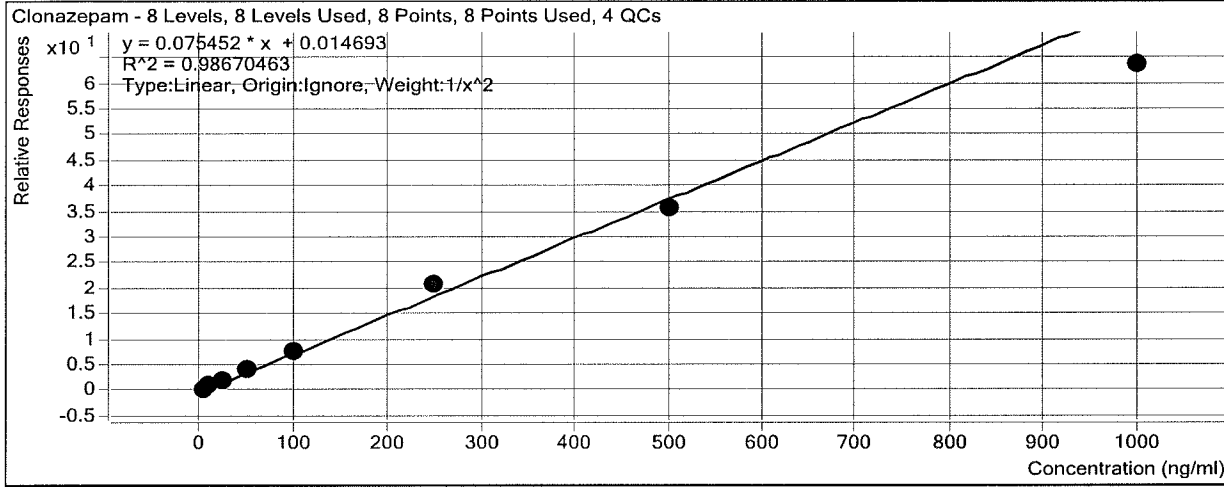
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	4.6	92.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.5	114.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a qc 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	275.2	110.1
a QC 250	6	<input checked="" type="checkbox"/>	250	272.7	109.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	471.1	94.2
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	843.0	84.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1049.3	104.9

ISP Forensics Calibration Curve Report

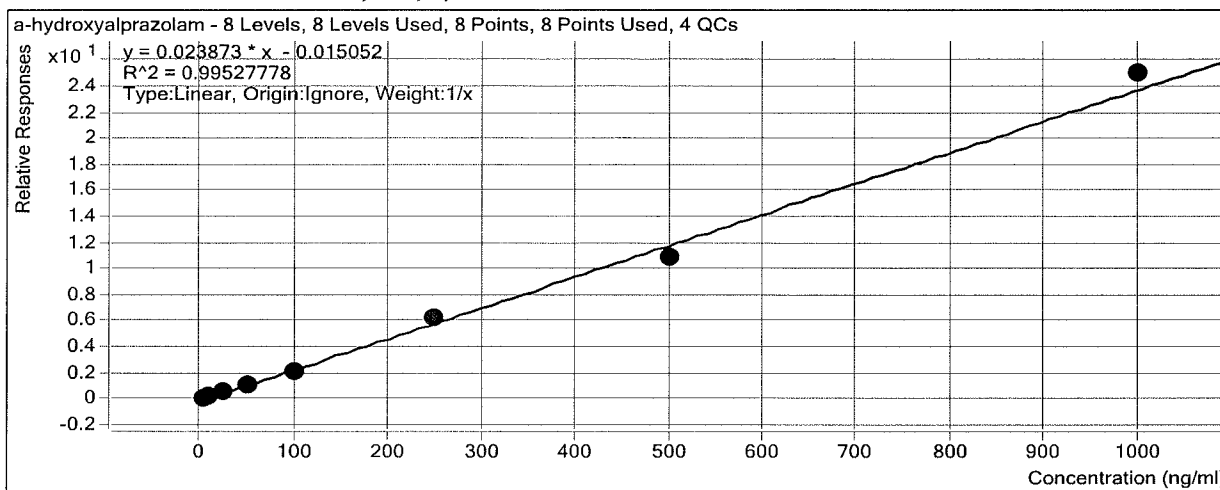
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound *a-hydroxyalprazolam*

Internal Standard *a-hydroxyalprazolam-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.6	111.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.2	111.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	85.8	85.8
a qc 100	5	<input checked="" type="checkbox"/>	100	102.0	102.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	221.6	88.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	458.5	91.7
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1046.0	104.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	927.1	92.7

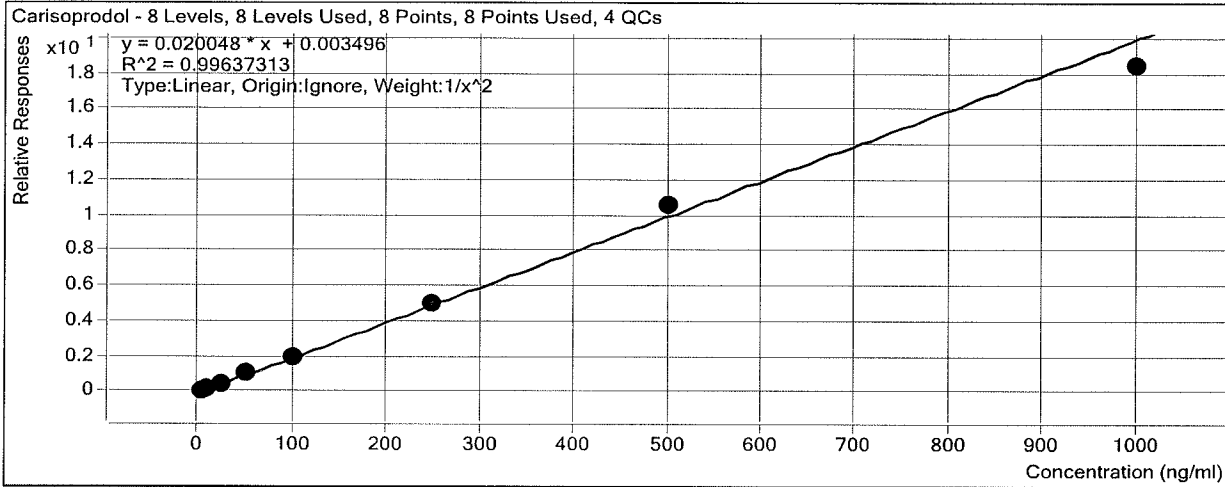
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 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	5.0	99.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.2	108.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a qc 100	5	<input checked="" type="checkbox"/>	100	91.4	91.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.8	100.3
a QC 250	6	<input checked="" type="checkbox"/>	250	231.5	92.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	526.4	105.3
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	917.9	91.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	950.3	95.0

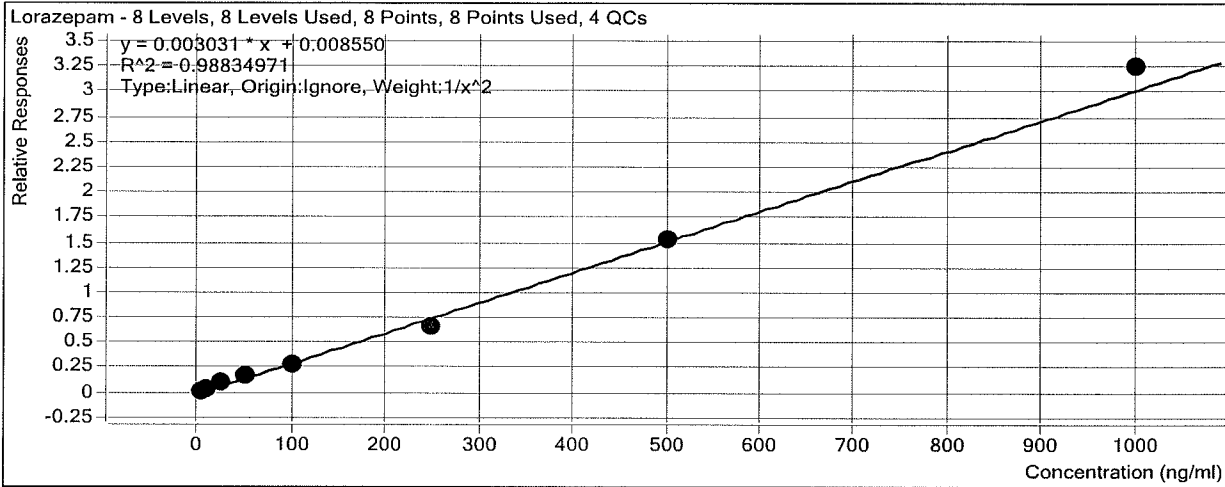
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Lorazepam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.1
a QC 10	2	<input checked="" type="checkbox"/>	10	12.2	122.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.1	112.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	89.8	89.8
a qc 100	5	<input checked="" type="checkbox"/>	100	91.3	91.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	212.9	85.1
a QC 250	6	<input checked="" type="checkbox"/>	250	266.3	106.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.7	100.5
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	1068.2	106.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1005.7	100.6

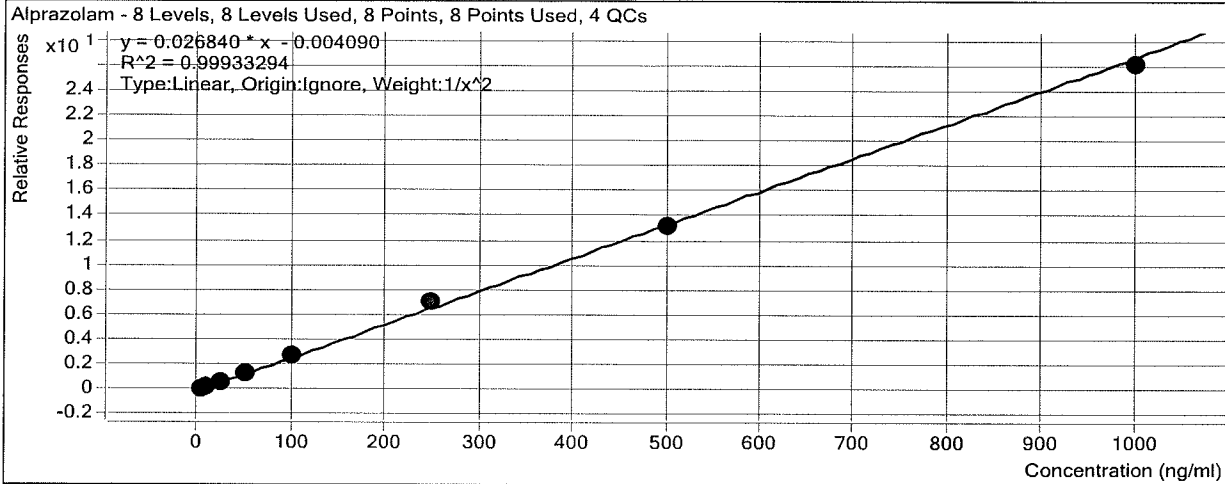
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin

Last Calib Update 11/9/2017 9:49 AM

Analyst Name ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a qc 100	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	270.4	108.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.4	98.5
a cal 8 1000 ng	8	<input checked="" type="checkbox"/>	1000	970.8	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1051.9	105.2

ISP FORENSICS - Cd'A Instrument # 62340

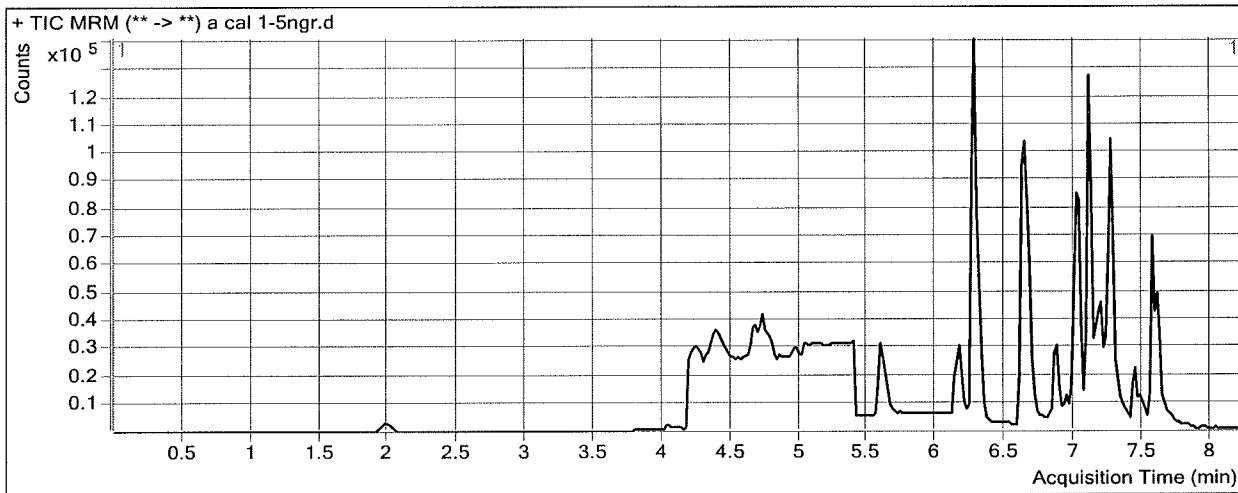
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 15:49 **Data File** a cal 1-5ngr.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.348	435	803	0.5412	4.5578
Hydromorphone	Hydromorphone-D6	2.009	2583	13711	0.1884	5.0714
Codeine	Codeine-D6	4.115	875	7064	0.1238	4.9964
Amphetamine	Amphetamine-D11	4.383	17439	25219	0.6915	4.8938
Oxycodone	Oxycodone-D6	4.449	4510	38823	0.1162	5.0514
Norhydrocodone	Norhydrocodone-D3	4.759	290	11851	0.0245	6.1508
Methamphetamine	Phentermine-D5	4.782	10508	93359	0.1126	4.4156
Hydrocodone	Hydrocodone-D6	4.774	3422	37773	0.0906	4.0650
6-MAM	6-MAM-D6	4.968	152	11818	0.0129	3.9715
Phentermine	Phentermine-D5	5.646	3883	93359	0.0416	3.9950
Dextroprphan	Dextroprphan-D3	6.163	3734	58716	0.0636	5.1490
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	4161	33987	0.1224	3.9774
Tramadol	Tramadol-13C-D3	6.302	35805	335782	0.1066	4.7791
Doxylamine	Doxylamine-D5	6.662	30769	290190	0.1060	5.0114
Meprobamate	Meprobamate-D7	6.972	2447	24917	0.0982	5.6461
Bupropion	Bupropion-D9	6.869	8888	84535	0.1051	5.1011
Zolpidem	Zolpidem-D6	7.021	22629	222530	0.1017	5.7117
Venlafaxine	Venlafaxine-D6	7.105	33826	298511	0.1133	3.7474
Trazodone	Trazodone-D6	7.195	14755	108982	0.1354	4.8047
Citalopram	Citalopram-D6	7.237	11929	101319	0.1177	6.0402
Dextromethorphan	Dextromethorphan-D3	7.248	1431	15766	0.0908	5.3683
Diphenhydramine	Diphenhydramine-D3	7.271	16666	170378	0.0978	4.8375
Promethazine	Promethazine-D3	7.446	4335	42892	0.1011	5.1112

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

a cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	3647	10016	0.3641	4.6313
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.540	951	8082	0.1176	5.5575
Carisoprodol	Carisoprodol-D7	7.572	11841	114925	0.1030	4.9649
Lorazepam	Alprazolam-D5	7.602	1722	75351	0.0228	4.7182
Alprazolam	Alprazolam-D5	7.626	9828	75351	0.1304	5.0118



ISP FORENSICS - Cd'A Instrument # 62340

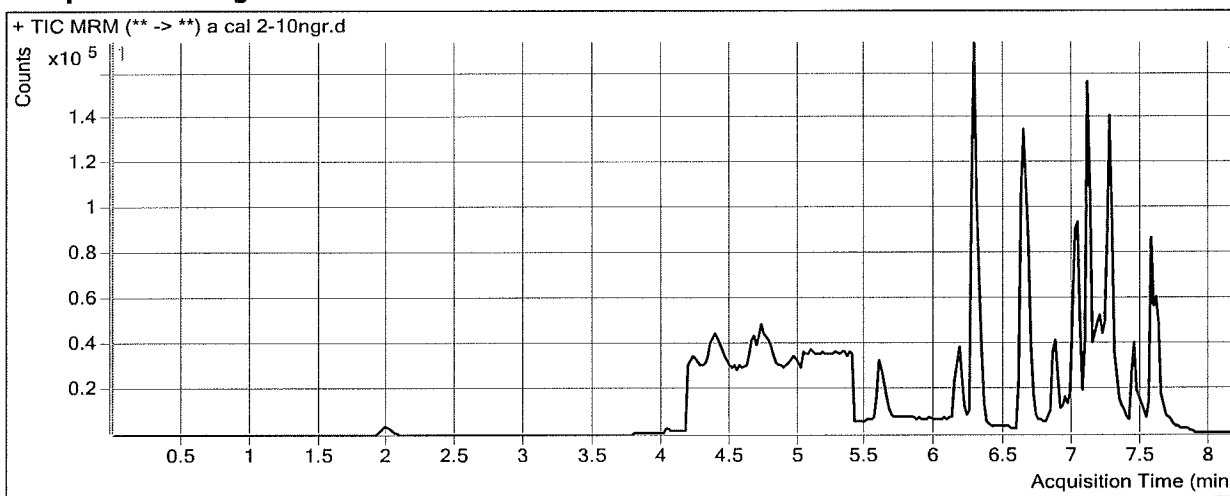
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin		
Analysis Time	11/9/2017 9:49 AM	Analyst Name	anord
Report Time	11/9/2017 10:24 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 9:49 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 15:36	Data File	a cal 2-10ngr.d
Sample Type	Calibration	Sample Name	a cal 2-10ng
Dilution	1	Acq Method	Quant Panel 1a 10-17.m
Position	P1-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	1.348	968	880	1.0996	9.9700
Hydromorphone	Hydromorphone-D6	2.009	5009	15303	0.3273	9.7556
Codeine	Codeine-D6	4.115	2102	8722	0.2410	9.4693
Amphetamine	Amphetamine-D11	4.383	32635	28773	1.1342	10.2516
Oxycodone	Oxycodone-D6	4.449	10376	44326	0.2341	9.7820
Norhydrocodone	Norhydrocodone-D3	4.779	568	13998	0.0406	10.0317
Methamphetamine	Phentermine-D5	4.782	20898	95909	0.2179	12.4225
Hydrocodone	Hydrocodone-D6	4.774	8335	42648	0.1954	9.9192
6-MAM	6-MAM-D6	4.988	427	13639	0.0313	10.9688
Phentermine	Phentermine-D5	5.646	8117	95909	0.0846	10.6817
Dextrophan	Dextrophan-D3	6.163	8104	68526	0.1183	9.4190
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	9270	42190	0.2197	8.4094
Tramadol	Tramadol-13C-D3	6.302	76244	397568	0.1918	9.2225
Doxylamine	Doxylamine-D5	6.662	71476	364094	0.1963	9.3165
Meprobamate	Meprobamate-D7	6.972	4533	27790	0.1631	8.9526
Bupropion	Bupropion-D9	6.890	21999	105900	0.2077	9.7414
Zolpidem	Zolpidem-D6	7.021	48785	229609	0.2125	10.7465
Venlafaxine	Venlafaxine-D6	7.105	75821	292427	0.2593	10.3947
Trazodone	Trazodone-D6	7.195	32384	120615	0.2685	10.7427
Citalopram	Citalopram-D6	7.237	25375	128327	0.1977	9.4664
Dextromethorphan	Dextromethorphan-D3	7.268	4779	23083	0.2070	10.5412
Diphenhydramine	Diphenhydramine-D3	7.271	38321	188133	0.2037	10.3131
Promethazine	Promethazine-D3	7.446	13445	64799	0.2075	10.0756

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

acal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	7726	8779	0.8801	11.4698
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	2150	8554	0.2514	11.1613
Carisoprodol	Carisoprodol-D7	7.572	27066	130589	0.2073	10.1638
Lorazepam	Alprazolam-D5	7.602	3414	83243	0.0410	10.7098
Alprazolam	Alprazolam-D5	7.626	21944	83243	0.2636	9.9739



ISP FORENSICS - Cd'A Instrument # 62340

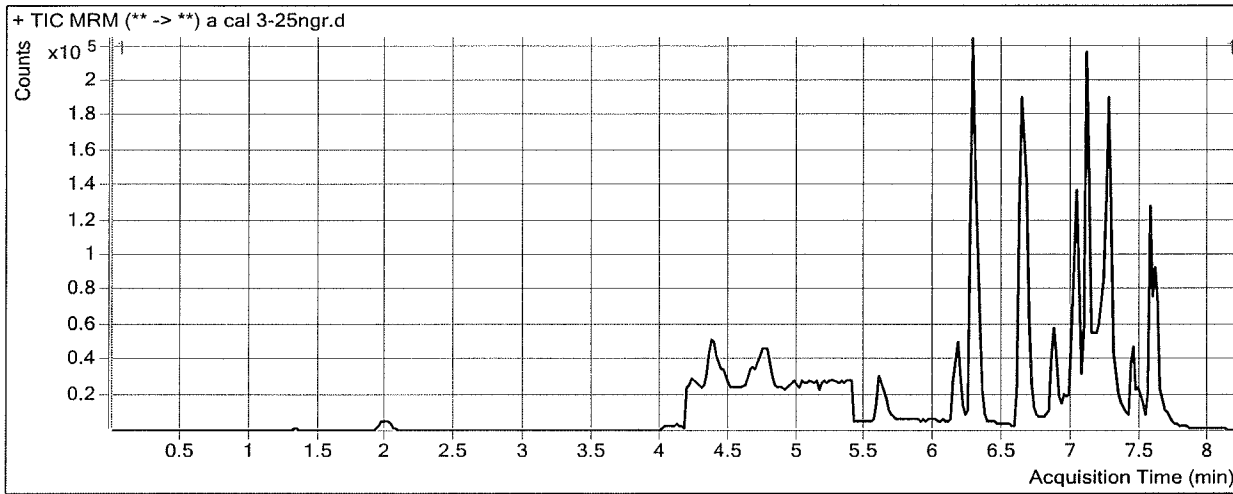
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 16:02 **Data File** a cal 3-25ngr.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.348	2439	886	2.7517	25.9808
Hydromorphone	Hydromorphone-D6	2.009	12046	15672	0.7686	24.6366
Codeine	Codeine-D6	4.115	5220	8514	0.6131	23.6681
Amphetamine	Amphetamine-D11	4.383	70854	29876	2.3716	25.2278
Oxycodone	Oxycodone-D6	4.449	27245	45338	0.6009	24.5016
Norhydrocodone	Norhydrocodone-D3	4.759	1479	14828	0.0997	24.2787
Methamphetamine	Phentermine-D5	4.782	35747	93806	0.3811	24.8253
Hydrocodone	Hydrocodone-D6	4.774	21188	45029	0.4705	25.2805
6-MAM	6-MAM-D6	4.988	992	13543	0.0733	26.9059
Phentermine	Phentermine-D5	5.646	17088	93806	0.1822	25.8332
Dextrorphan	Dextrorphan-D3	6.163	21409	69447	0.3083	24.2588
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	25712	42703	0.6021	25.8322
Tramadol	Tramadol-13C-D3	6.282	194462	419819	0.4632	23.3869
Doxylamine	Doxylamine-D5	6.662	193020	339794	0.5681	27.0427
Meprobamate	Meprobamate-D7	6.972	12347	27174	0.4544	23.7845
Bupropion	Bupropion-D9	6.890	55882	109600	0.5099	23.4063
Zolpidem	Zolpidem-D6	7.021	123966	241776	0.5127	24.3929
Venlafaxine	Venlafaxine-D6	7.105	186486	338322	0.5512	23.6894
Trazodone	Trazodone-D6	7.195	80042	138571	0.5776	24.5342
Citalopram	Citalopram-D6	7.237	71588	115062	0.6222	27.6442
Dextromethorphan	Dextromethorphan-D3	7.268	11923	22259	0.5357	25.1638
Diphenhydramine	Diphenhydramine-D3	7.271	108301	210963	0.5134	26.3279
Promethazine	Promethazine-D3	7.446	35144	76932	0.4568	21.7071

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

a cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	18060	9872	1.8293	24.0503
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	4840	8937	0.5416	23.3155
Carisoprodol	Carisoprodol-D7	7.572	66481	137514	0.4834	23.9405
Lorazepam	Alprazolam-D5	7.602	7921	84595	0.0936	28.0750
Alprazolam	Alprazolam-D5	7.626	55416	84595	0.6551	24.5590



ISP FORENSICS - Cd'A Instrument # 62340

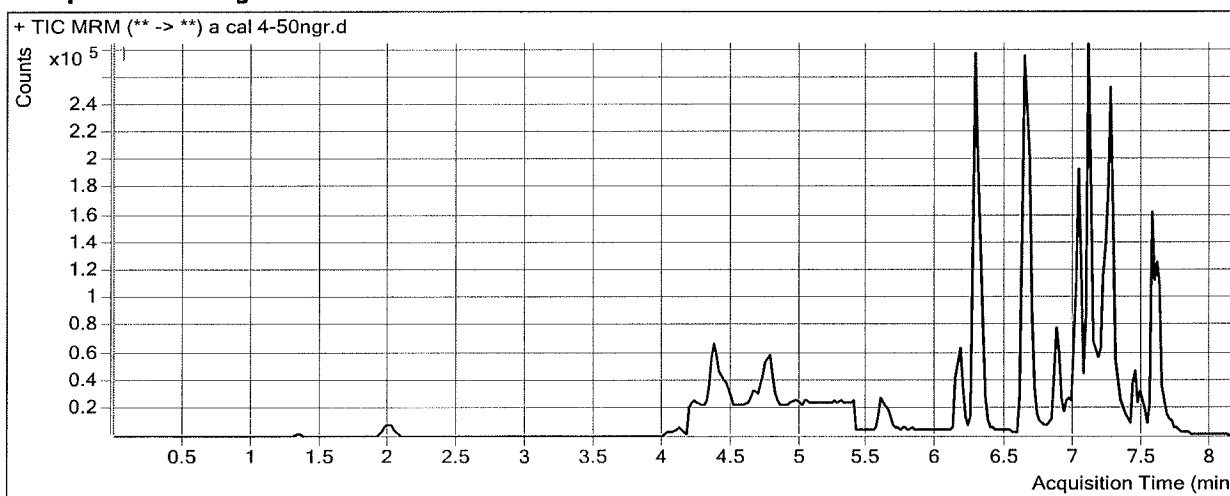
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 16:14 **Data File** a cal 4-50ngr.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



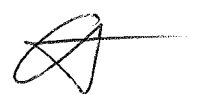
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	4359	819	5.3217	50.8884
Hydromorphone	Hydromorphone-D6	2.009	21624	14099	1.5337	50.4354
Codeine	Codeine-D6	4.115	10067	7382	1.3638	52.3113
Amphetamine	Amphetamine-D11	4.383	116911	24947	4.6864	53.2429
Oxycodone	Oxycodone-D6	4.449	52064	40164	1.2963	52.4020
Norhydrocodone	Norhydrocodone-D3	4.759	2602	12304	0.2115	51.1839
Methamphetamine	Phentermine-D5	4.782	54674	81133	0.6739	47.0803
Hydrocodone	Hydrocodone-D6	4.774	38575	39315	0.9812	53.7929
6-MAM	6-MAM-D6	4.968	1730	12818	0.1349	50.3335
Phentermine	Phentermine-D5	5.646	27069	81133	0.3336	49.3668
Dextrophan	Dextrophan-D3	6.163	42034	62704	0.6703	52.5368
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	45590	35719	1.2763	56.5536
Tramadol	Tramadol-13C-D3	6.282	376010	344436	1.0917	56.1834
Doxylamine	Doxylamine-D5	6.641	375043	305049	1.2295	58.5813
Meprobamate	Meprobamate-D7	6.972	23339	24006	0.9722	50.1537
Bupropion	Bupropion-D9	6.869	111411	96399	1.1557	52.6169
Zolpidem	Zolpidem-D6	7.021	241093	251386	0.9591	44.6779
Venlafaxine	Venlafaxine-D6	7.105	369255	274948	1.3430	59.7484
Trazodone	Trazodone-D6	7.195	144652	118083	1.2250	53.4159
Citalopram	Citalopram-D6	7.237	117534	116896	1.0055	44.0602
Dextromethorphan	Dextromethorphan-D3	7.268	21639	21095	1.0258	46.9717
Diphenhydramine	Diphenhydramine-D3	7.271	189202	191682	0.9871	50.8255
Promethazine	Promethazine-D3	7.446	52498	43447	1.2083	56.7651

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

a cal y

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	34506	8556	4.0328	53.2536
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	9462	8231	1.1496	48.7860
Carisoprodol	Carisoprodol-D7	7.572	121693	111704	1.0894	54.1672
Lorazepam	Alprazolam-D5	7.602	12089	72783	0.1661	51.9871
Alprazolam	Alprazolam-D5	7.626	99154	72783	1.3623	50.9102



ISP FORENSICS - Cd'A Instrument # 62340

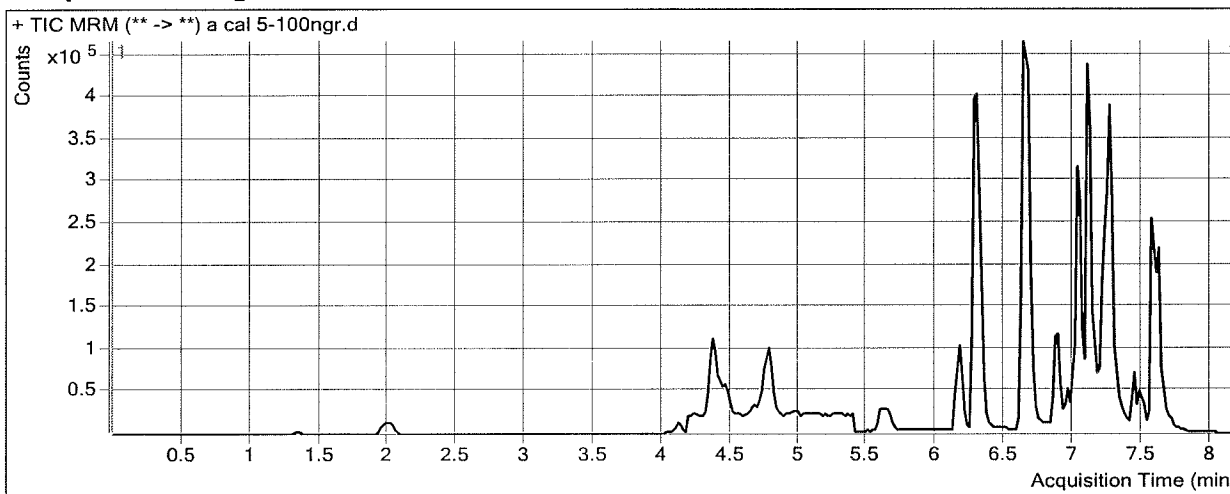
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin		
Analysis Time	11/9/2017 9:49 AM	Analyst Name	anord
Report Time	11/9/2017 10:24 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 9:49 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 16:27	Data File	a cal 5-100ngr.d
Sample Type	Calibration	Sample Name	a cal 5-100ng
Dilution	1	Acq Method	Quant Panel 1a 10-17.m
Position	P1-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	1.348	9341	890	10.4926	101.0024
Hydromorphone	Hydromorphone-D6	2.009	45716	15453	2.9583	98.4693
Codeine	Codeine-D6	4.115	21081	8170	2.5802	98.7261
Amphetamine	Amphetamine-D11	4.383	246695	28074	8.7872	102.8735
Oxycodone	Oxycodone-D6	4.449	114051	46084	2.4748	99.6905
Norhydrocodone	Norhydrocodone-D3	4.779	6149	14257	0.4313	104.1333
Methamphetamine	Phentermine-D5	4.782	134923	92145	1.4642	107.1546
Hydrocodone	Hydrocodone-D6	4.774	84306	45161	1.8668	103.2429
6-MAM	6-MAM-D6	4.988	3686	13926	0.2647	99.6075
Phentermine	Phentermine-D5	5.646	64845	92145	0.7037	106.8632
Dextrophan	Dextrophan-D3	6.163	86515	67799	1.2761	99.8431
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	95823	38762	2.4721	111.0351
Tramadol	Tramadol-13C-D3	6.302	767087	373488	2.0538	106.3945
Doxylamine	Doxylamine-D5	6.662	713190	346219	2.0599	98.1825
Meprobamate	Meprobamate-D7	6.972	54737	27420	1.9963	102.3024
Bupropion	Bupropion-D9	6.890	212707	98138	2.1674	98.3737
Zolpidem	Zolpidem-D6	7.041	535528	251131	2.1325	98.0078
Venlafaxine	Venlafaxine-D6	7.105	783187	337527	2.3204	104.2591
Trazodone	Trazodone-D6	7.215	288762	129137	2.2361	98.5241
Citalopram	Citalopram-D6	7.237	259212	116442	2.2261	96.3389
Dextromethorphan	Dextromethorphan-D3	7.268	42357	20862	2.0303	91.6676
Diphenhydramine	Diphenhydramine-D3	7.291	401249	187015	2.1455	110.7372
Promethazine	Promethazine-D3	7.446	96403	48873	1.9725	92.4172

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

a cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	61500	8026	7.6622	101.3565
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	17086	8408	2.0321	85.7510
Carisoprodol	Carisoprodol-D7	7.592	251093	128141	1.9595	97.5673
Lorazepam	Alprazolam-D5	7.602	21790	77658	0.2806	89.7635
Alprazolam	Alprazolam-D5	7.626	208548	77658	2.6855	100.2078



ISP FORENSICS - Cd'A Instrument # 62340

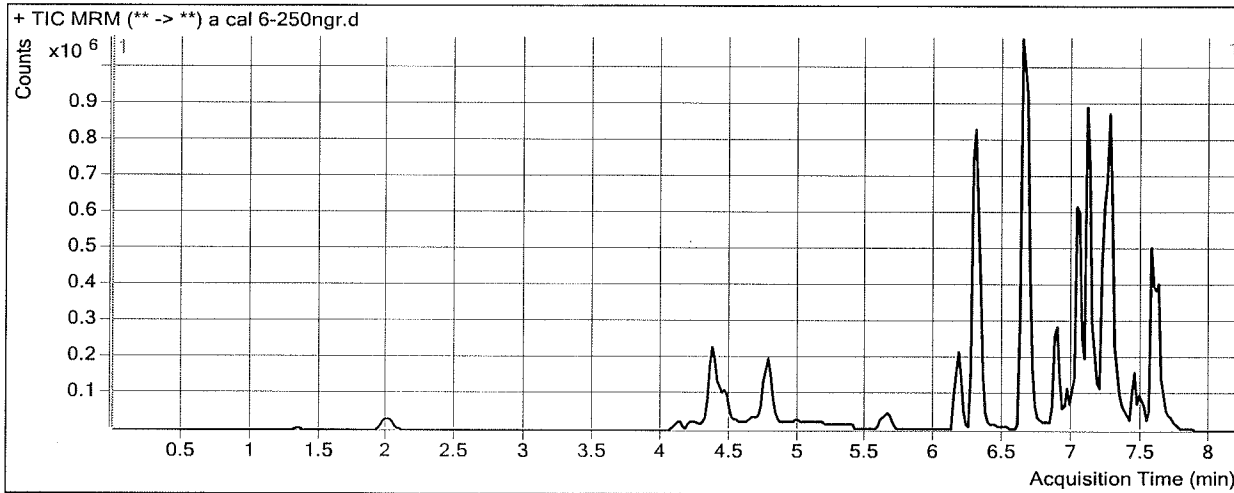
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 16:39 **Data File** a cal 6-250ngr.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	1.348	22454	848	26.4658	255.8082
Hydromorphone	Hydromorphone-D6	2.009	111436	14334	7.7744	260.8608
Codeine	Codeine-D6	4.115	50792	7304	6.9541	265.6292
Amphetamine	Amphetamine-D11	4.383	585903	28037	20.8972	249.4361
Oxycodone	Oxycodone-D6	4.449	278817	42621	6.5418	262.8726
Norhydrocodone	Norhydrocodone-D3	4.779	14129	13474	1.0486	252.7997
Methamphetamine	Phentermine-D5	4.782	304005	87303	3.4822	260.5325
Hydrocodone	Hydrocodone-D6	4.774	205552	41840	4.9128	273.3234
6-MAM	6-MAM-D6	4.988	9085	12849	0.7071	267.5763
Phentermine	Phentermine-D5	5.646	149497	87303	1.7124	263.5668
Dextrophan	Dextrophan-D3	6.163	215502	66591	3.2362	252.9325
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	221362	36284	6.1008	276.3757
Tramadol	Tramadol-13C-D3	6.302	1947024	386563	5.0368	262.0574
Doxylamine	Doxylamine-D5	6.641	1804959	332338	5.4311	258.9345
Meprobamate	Meprobamate-D7	6.972	132084	25896	5.1006	260.3859
Bupropion	Bupropion-D9	6.890	565475	96709	5.8472	264.7996
Zolpidem	Zolpidem-D6	7.041	1265208	235992	5.3612	244.7518
Venlafaxine	Venlafaxine-D6	7.105	1889985	325401	5.8082	263.0974
Trazodone	Trazodone-D6	7.215	786234	137798	5.7057	253.3160
Citalopram	Citalopram-D6	7.237	609822	120662	5.0540	217.4519
Dextromethorphan	Dextromethorphan-D3	7.268	120986	22139	5.4649	244.4869
Diphenhydramine	Diphenhydramine-D3	7.271	1035431	213518	4.8494	250.5685
Promethazine	Promethazine-D3	7.446	278207	46841	5.9394	277.4739

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

a cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	135060	6499	20.7803	275.2163
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	44360	7141	6.2123	260.8521
Carisoprodol	Carisoprodol-D7	7.572	546826	108680	5.0315	250.8039
Lorazepam	Alprazolam-D5	7.602	43277	66210	0.6536	212.8558
Alprazolam	Alprazolam-D5	7.626	462702	66210	6.9884	260.5278



ISP FORENSICS - Cd'A Instrument # 62340

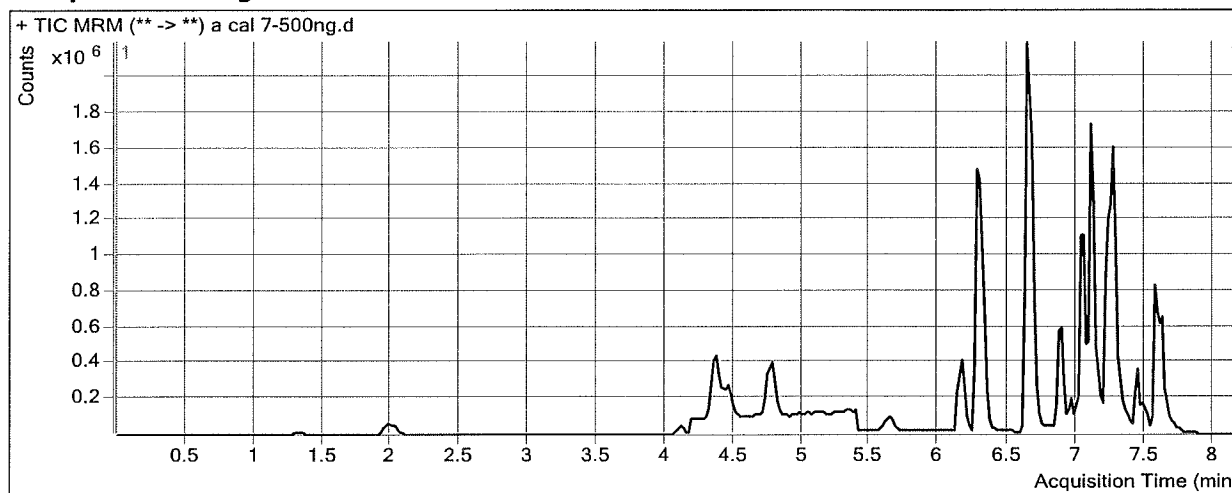
Multi-Drug Confirmatory Analysis Report

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Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 15:11 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-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	45233	859	52.6324	509.4039
Hydromorphone	Hydromorphone-D6	2.009	232002	15796	14.6878	493.9715
Codeine	Codeine-D6	4.115	105559	7664	13.7737	525.8528
Amphetamine	Amphetamine-D11	4.383	1085290	29105	37.2884	447.8122
Oxycodone	Oxycodone-D6	4.449	588291	48452	12.1418	487.5703
Norhydrocodone	Norhydrocodone-D3	4.759	26097	13159	1.9832	477.8824
Methamphetamine	Phentermine-D5	4.782	515228	87306	5.9014	444.4122
Hydrocodone	Hydrocodone-D6	4.774	401912	43755	9.1856	511.9084
6-MAM	6-MAM-D6	4.988	18226	14424	1.2636	478.8898
Phentermine	Phentermine-D5	5.646	287749	87306	3.2959	509.5720
Dextroprphan	Dextroprphan-D3	6.163	426566	67059	6.3611	496.9878
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	390704	33770	11.5694	525.5455
Tramadol	Tramadol-13C-D3	6.282	3560811	392503	9.0721	472.6393
Doxylamine	Doxylamine-D5	6.641	3573517	370275	9.6510	460.1580
Meprobamate	Meprobamate-D7	6.972	233516	25459	9.1722	467.7256
Bupropion	Bupropion-D9	6.890	1289140	116919	11.0259	499.0229
Zolpidem	Zolpidem-D6	7.041	2390884	245921	9.7222	442.9504
Venlafaxine	Venlafaxine-D6	7.105	3852670	350995	10.9764	498.4648
Trazodone	Trazodone-D6	7.215	1508567	142469	10.5887	471.1656
Citalopram	Citalopram-D6	7.237	1314917	104108	12.6303	541.9362
Dextromethorphan	Dextromethorphan-D3	7.268	257813	22297	11.5626	515.8004
Diphenhydramine	Diphenhydramine-D3	7.271	2079131	212801	9.7703	505.0580
Promethazine	Promethazine-D3	7.446	691988	70840	9.7683	456.0970

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

a cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	210345	5915	35.5600	471.0989
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	80934	7404	10.9316	458.5381
Carisoprodol	Carisoprodol-D7	7.572	961365	91062	10.5573	526.4329
Lorazepam	Alprazolam-D5	7.602	92560	60416	1.5320	502.6964
Alprazolam	Alprazolam-D5	7.626	798128	60416	13.2105	492.3503



ISP FORENSICS - Cd'A Instrument # 62340

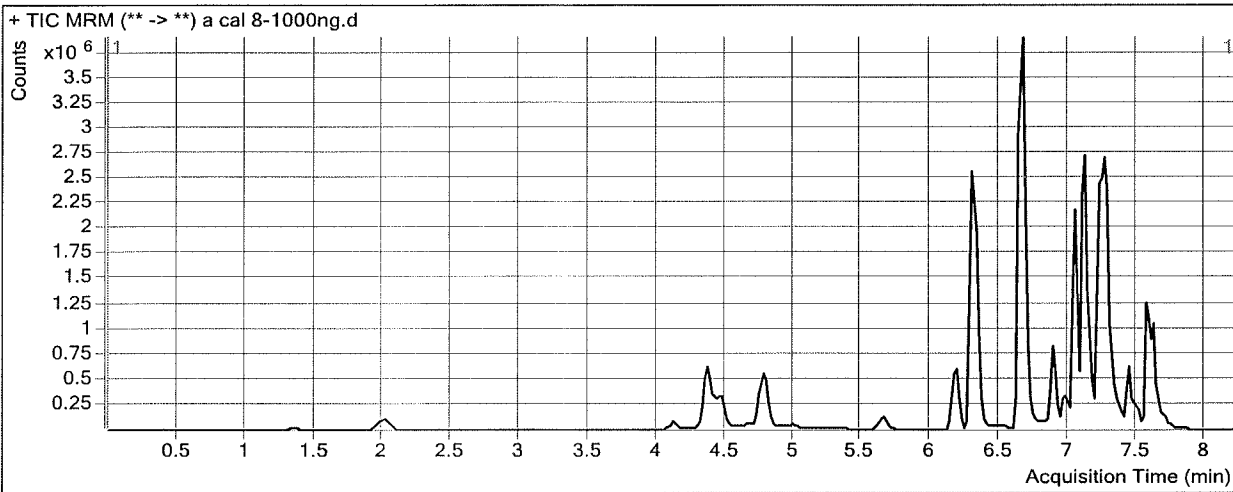
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1a.batch.bin
Analysis Time 11/9/2017 9:49 AM **Analyst Name** anord
Report Time 11/9/2017 10:24 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 9:49 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 16:52 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8 1000 ng
Dilution 1 **Acq Method** Quant Panel 1a 10-17.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

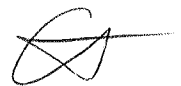
Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	81979	808	101.4361	982.3887
Hydromorphone	Hydromorphone-D6	2.009	435895	14680	29.6925	999.9107
Codeine	Codeine-D6	4.115	180473	7180	25.1342	959.3468
Amphetamine	Amphetamine-D11	4.383	1754890	28887	60.7502	731.7624 *
Oxycodone	Oxycodone-D6	4.469	1123378	46298	24.2643	973.9733
Norhydrocodone	Norhydrocodone-D3	4.779	48627	11788	4.1250	993.7062
Methamphetamine	Phentermine-D5	4.782	979874	79093	12.3889	937.5132
Hydrocodone	Hydrocodone-D6	4.774	728149	42376	17.1831	958.4678
6-MAM	6-MAM-D6	4.988	35078	13284	2.6405	1001.7466
Phentermine	Phentermine-D5	5.666	495144	79093	6.2603	970.1213
Dextrophan	Dextrophan-D3	6.163	788290	61388	12.8412	1003.0847
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	640477	31249	20.4960	932.2711
Tramadol	Tramadol-13C-D3	6.302	6815346	353494	19.2799	1005.3369
Doxylamine	Doxylamine-D5	6.662	6829436	372227	18.3475	874.8482
Meprobamate	Meprobamate-D7	6.992	478688	23889	20.0379	1021.0493
Bupropion	Bupropion-D9	6.890	1672603	77530	21.5737	976.0747
Zolpidem	Zolpidem-D6	7.041	4899737	208573	23.4918	1068.7611
Venlafaxine	Venlafaxine-D6	7.125	6845084	318741	21.4754	976.5987
Trazodone	Trazodone-D6	7.215	3428160	156783	21.8657	974.2699
Citalopram	Citalopram-D6	7.237	2362834	100621	23.4825	1006.7229
Dextromethorphan	Dextromethorphan-D3	7.268	390242	24186	16.1350	719.2437 *
Diphenhydramine	Diphenhydramine-D3	7.291	3441977	219209	15.7018	811.8084
Promethazine	Promethazine-D3	7.446	1268232	58007	21.8635	1020.3528

* outside range of curve *

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

a cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.482	340464	5351	63.6236	843.0395
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	148152	5936	24.9570	1046.0384
Carisoprodol	Carisoprodol-D7	7.572	1540102	83676	18.4056	917.9151
Lorazepam	Alprazolam-D5	7.602	159256	49064	3.2459	1068.1971
Alprazolam	Alprazolam-D5	7.626	1278213	49064	26.0518	970.7926



ISP FORENSICS - Cd'A Instrument # 62340

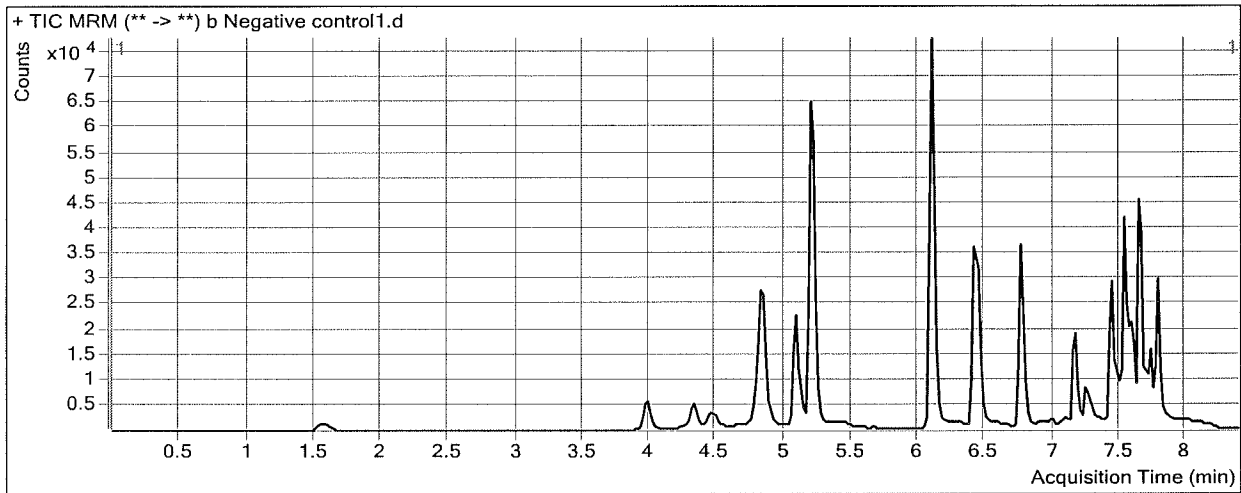
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin
Analysis Time 11/9/2017 10:17 AM **Analyst Name** anord
Report Time 11/9/2017 10:34 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 10:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 17:43 **Data File** b Negative control1.d
Sample Type Sample **Sample Name** b Negative control1
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

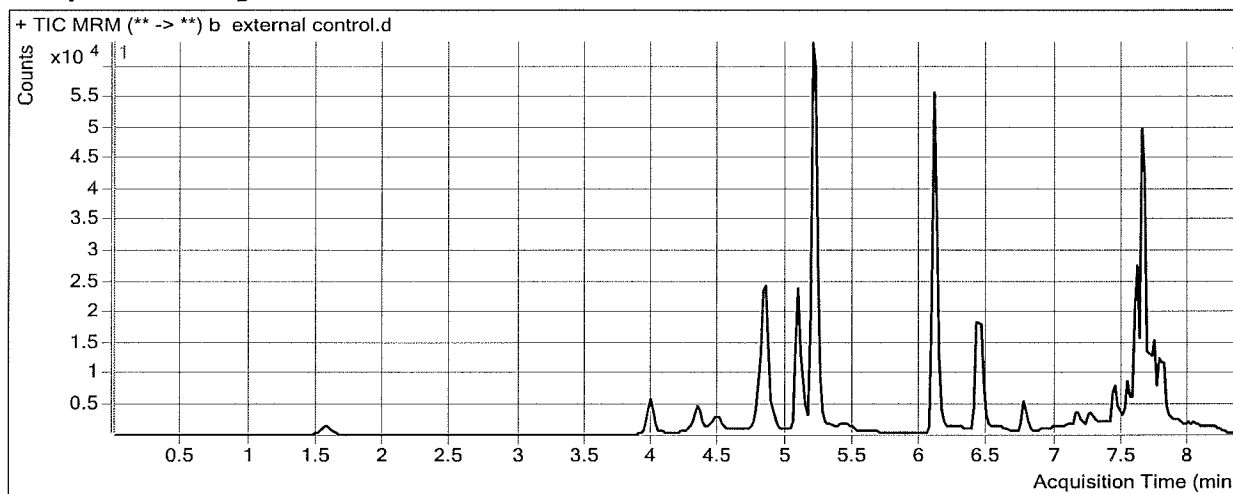
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin
Analysis Time 11/9/2017 10:17 AM **Analyst Name** anord
Report Time 11/9/2017 10:34 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 10:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 18:08 **Data File** b external control.d
Sample Type Sample **Sample Name** b external control
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-G2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.609	24527	31070	0.7894	37.3365

ISP FORENSICS - Cd'A Instrument # 62340

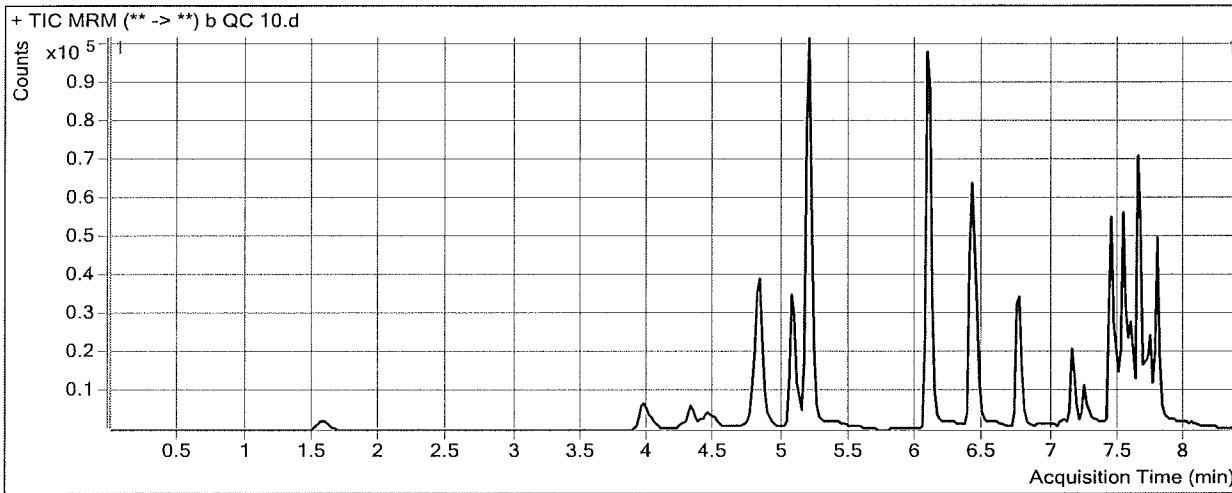
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin
Analysis Time 11/9/2017 10:17 AM **Analyst Name** anord
Report Time 11/9/2017 10:34 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 10:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 18:34 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



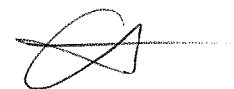
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	3132	11974	0.2616	10.5272
Dihydrocodeine	Dihydrocodeine-D6	4.035	6349	29680	0.2139	10.4028
Naloxone	Naloxone-D5	4.413	3528	25721	0.1372	10.5665
Noroxycodone	Noroxycodone-D3	4.497	4439	15497	0.2864	11.4349
Naltrexone	Naltrexone-D3	4.810	7766	35033	0.2217	9.4202
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	3117	126212	0.0247	1.0068
Naltrexol	Naltrexol-D3	5.089	22108	82781	0.2671	9.0440
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	64174	279348	0.2297	10.4826
Ketamine	Ketamine-D4	6.096	23424	93908	0.2494	9.9715
Norfentanyl	Norfentanyl-D5	6.100	3880	192172	0.0202	1.1211
alpha-PVP	alpha-PVP-d8	6.427	38522	152079	0.2533	10.1849
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.760	2229	107855	0.0207	1.0662
Norbuprenorphine	Norbuprenorphine-D3	7.073	40	2655	0.0151	0.2009
Fentanyl	Fentanyl-D5	7.158	1206	52872	0.0228	1.0500
EDDP	EDDP-D3	7.249	3667	16980	0.2160	9.9989
Sufentanil	Sufentanil-D5	7.437	522	19728	0.0265	1.1606
Quetiapine	Quetiapine-D8	7.438	43647	58955	0.7403	10.2026
Cyclobenzaprine	Cyclobenzaprine-D3	7.492	3293	11601	0.2839	12.2087
Methadone	Methadone-D9	7.522	15026	85827	0.1751	10.8346
Fluoxetine	Fluoxetine-D6	7.564	3532	14682	0.2405	11.2091
Oxazepam	Oxazepam-D5	7.609	6179	33483	0.1845	7.7437
Sertraline	Sertraline-D3	7.625	496	2356	0.2105	9.0544
Temazepam	Temazepam-D5	7.667	28126	133631	0.2105	10.8007

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

b QC10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	10927	34230	0.3192	9.7411
Diazepam	Diazepam-D5	7.790	17904	67892	0.2637	9.4730
Buprenorphine	Buprenorphine-D4	7.575	558	19643	0.0284	1.1226



ISP FORENSICS - Cd'A Instrument # 62340

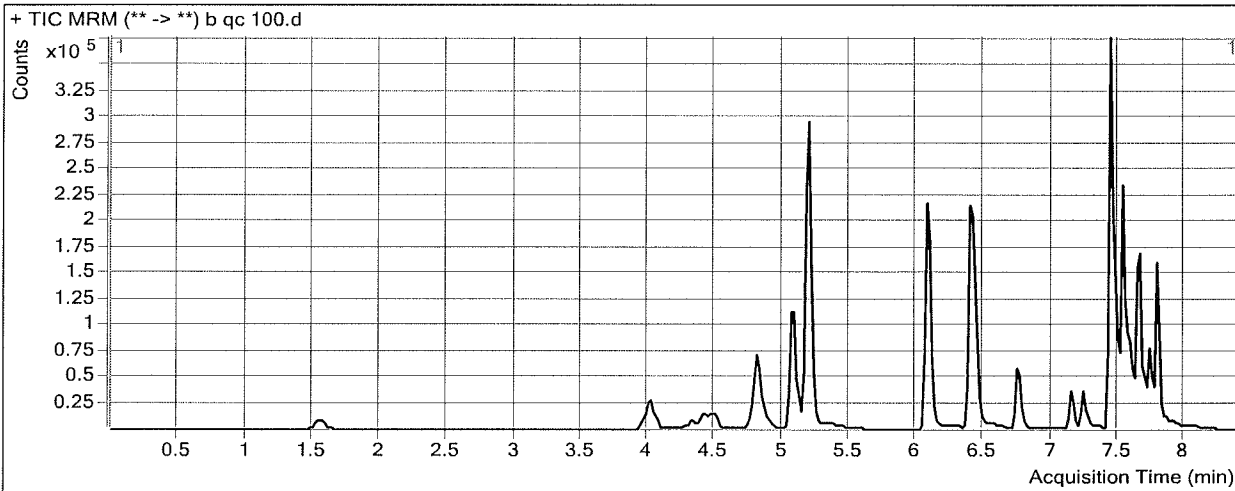
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 21:56	Data File	b qc 100.d
Sample Type	QC	Sample Name	b qc 100
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-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	1.568	31758	12564	2.5277	104.2022
Dihydrocodeine	Dihydrocodeine-D6	4.035	65380	31973	2.0449	108.1816
Naloxone	Naloxone-D5	4.413	35553	26551	1.3390	106.7358
Noroxycodone	Noroxycodone-D3	4.497	40680	16613	2.4487	97.7208
Naltrexone	Naltrexone-D3	4.810	80363	33429	2.4040	100.4400
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	30223	123714	0.2443	9.8071
Naltrexol	Naltrexol-D3	5.089	225711	84656	2.6662	104.0170
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	659530	303118	2.1758	102.8171
Ketamine	Ketamine-D4	6.075	266661	101298	2.6324	102.7064
Norfentanyl	Norfentanyl-D5	6.100	39663	199447	0.1989	9.7120
alpha-PVP	alpha-PVP-d8	6.427	411266	165692	2.4821	99.1881
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.760	29479	143154	0.2059	9.7772
Norbuprenorphine	Norbuprenorphine-D3	7.073	547	2954	0.1853	8.5725
Fentanyl	Fentanyl-D5	7.158	16757	74114	0.2261	9.9189
EDDP	EDDP-D3	7.249	49037	19662	2.4939	111.4140
Sufentanil	Sufentanil-D5	7.437	6860	30920	0.2219	9.3933
Quetiapine	Quetiapine-D8	7.438	532722	69769	7.6355	104.1961
Cyclobenzaprine	Cyclobenzaprine-D3	7.492	44611	19989	2.2317	95.8101
Methadone	Methadone-D9	7.522	192582	103643	1.8581	107.5865
Fluoxetine	Fluoxetine-D6	7.564	88054	39098	2.2521	109.6250
Oxazepam	Oxazepam-D5	7.609	38170	18942	2.0152	97.3089
Sertraline	Sertraline-D3	7.625	19727	8904	2.2154	105.5081
Temazepam	Temazepam-D5	7.667	244163	119712	2.0396	101.0224

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

b QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	86998	27844	3.1245	93.6463
Diazepam	Diazepam-D5	7.790	192444	42887	4.4872	159.8620
Buprenorphine	Buprenorphine-D4	7.595	5350	22877	0.2339	9.8569



ISP FORENSICS - Cd'A Instrument # 62340

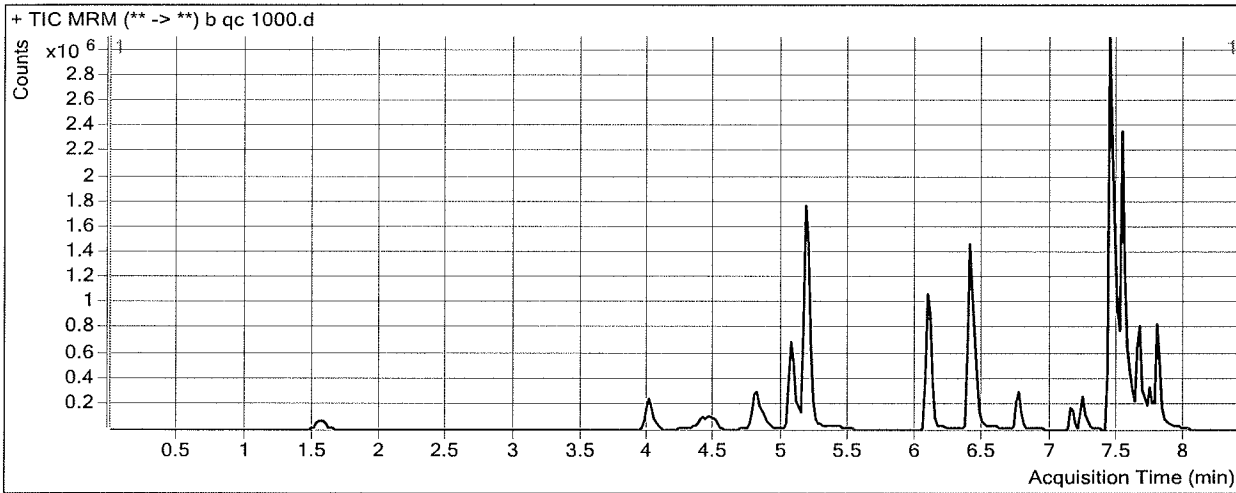
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-09 01:44	Data File	b qc 1000.d
Sample Type	QC	Sample Name	b qc 1000
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-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	1.568	315633	13287	23.7556	981.6776
Dihydrocodeine	Dihydrocodeine-D6	4.015	569442	32731	17.3974	928.0569
Naloxone	Naloxone-D5	4.413	289728	26117	11.0933	887.2561
Noroxycodone	Noroxycodone-D3	4.479	327568	13833	23.6794	944.9357
Naltrexone	Naltrexone-D3	4.790	542998	24214	22.4252	935.4640
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	311055	122160	2.5463	102.0562
Naltrexol	Naltrexol-D3	5.069	1732419	71680	24.1689	955.2298
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.179	5823662	283100	20.5710	975.5992
Ketamine	Ketamine-D4	6.075	2186353	90027	24.2856	945.3393
Norfentanyl	Norfentanyl-D5	6.100	332349	167649	1.9824	95.4660
alpha-PVP	alpha-PVP-d8	6.407	3428360	145019	23.6408	944.1195
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.760	431280	221696	1.9454	91.5651
Norbuprenorphine	Norbuprenorphine-D3	7.073	5598	2746	2.0383	99.6966
Fentanyl	Fentanyl-D5	7.158	245548	109880	2.2347	97.5444
EDDP	EDDP-D3	7.249	536033	24554	21.8306	972.2873
Sufentanil	Sufentanil-D5	7.437	111477	50315	2.2156	93.3985
Quetiapine	Quetiapine-D8	7.438	5185146	80028	64.7914	883.3330
Cyclobenzaprine	Cyclobenzaprine-D3	7.492	498891	20767	24.0237	1031.1369
Methadone	Methadone-D9	7.522	2475149	137220	18.0378	1037.6939
Fluoxetine	Fluoxetine-D6	7.564	630385	30361	20.7629	1015.2696
Oxazepam	Oxazepam-D5	7.609	221025	10764	20.5340	1003.3679
Sertraline	Sertraline-D3	7.625	111564	4626	24.1161	1159.1495
Temazepam	Temazepam-D5	7.667	1466450	70799	20.7127	1022.0801

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

b QC 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	378817	13809	27.4319	820.6828
Diazepam	Diazepam-D5	7.790	1318505	48069	27.4292	976.7808
Buprenorphine	Buprenorphine-D4	7.595	31778	18366	1.7303	73.4653

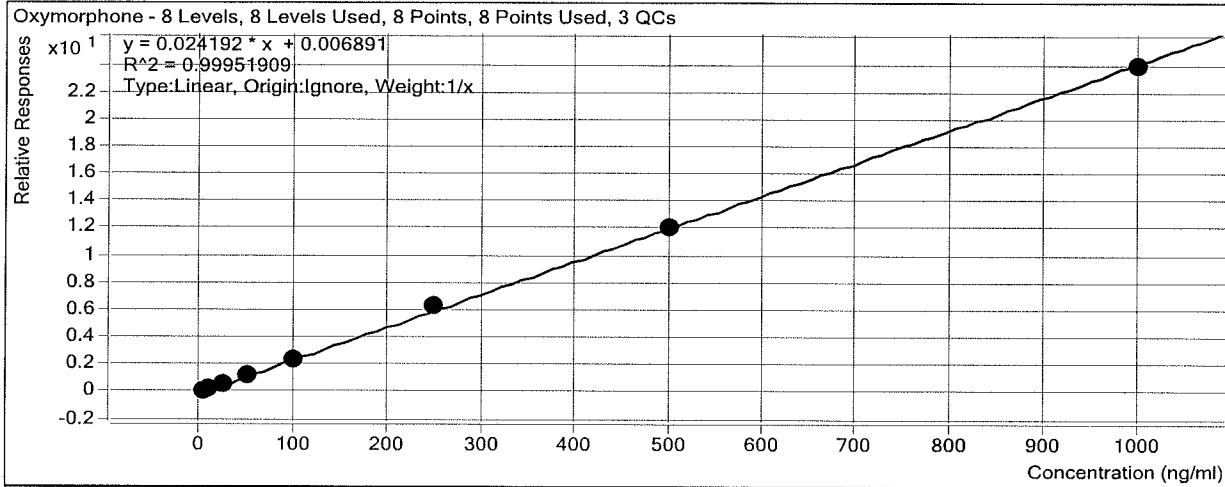


ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



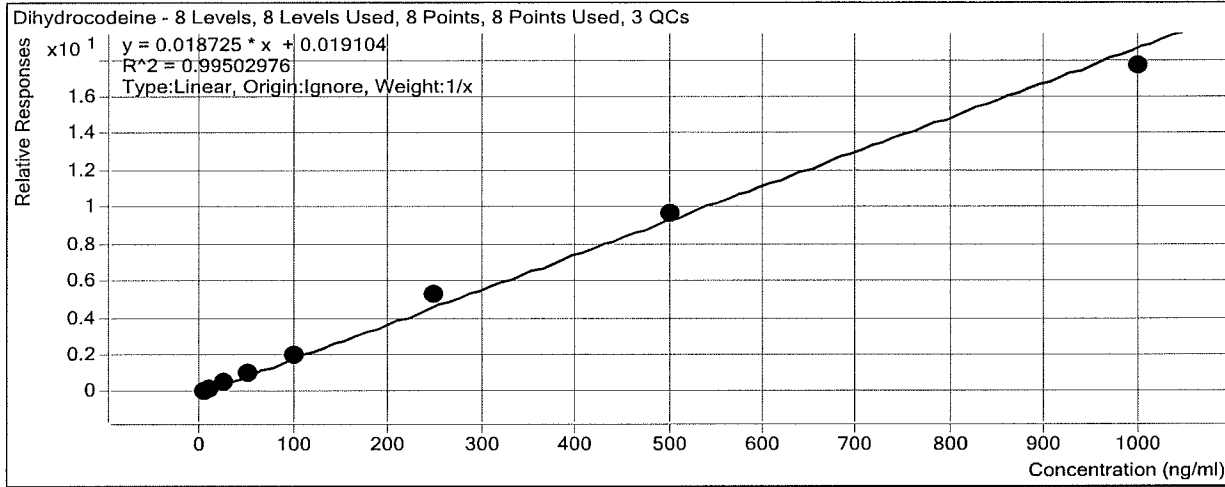
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b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.0	104.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.5	104.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.3	100.3
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	985.8	98.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	981.7	98.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	85.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.5	107.5
b qc 100	5	<input checked="" type="checkbox"/>	100	108.2	108.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.0	112.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.2	103.6
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	941.9	94.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	928.1	92.8

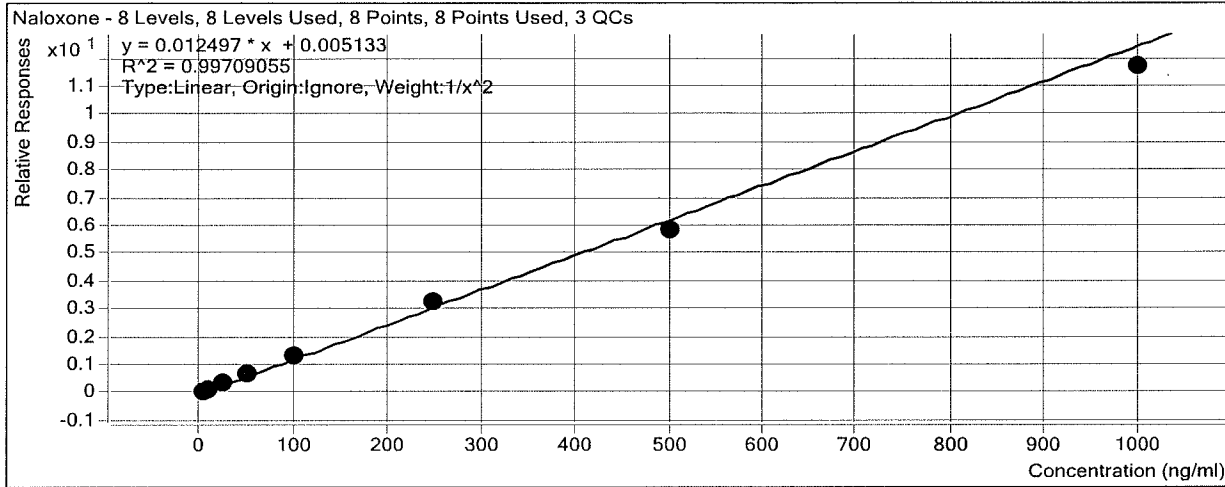
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

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



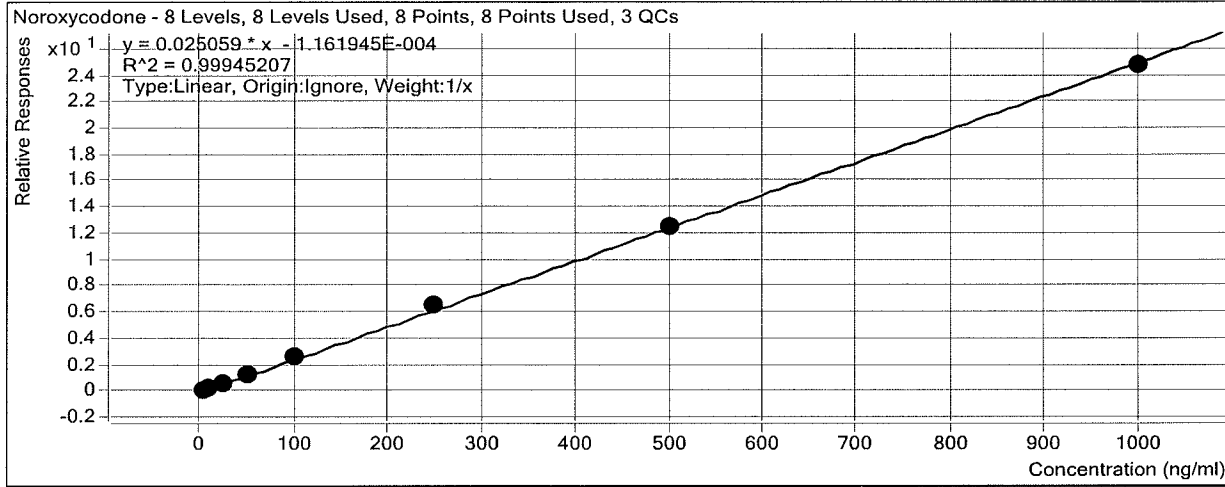
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.8	105.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.3	102.3
b qc 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.4	104.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	465.6	93.1
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	935.0	93.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	887.3	88.7

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



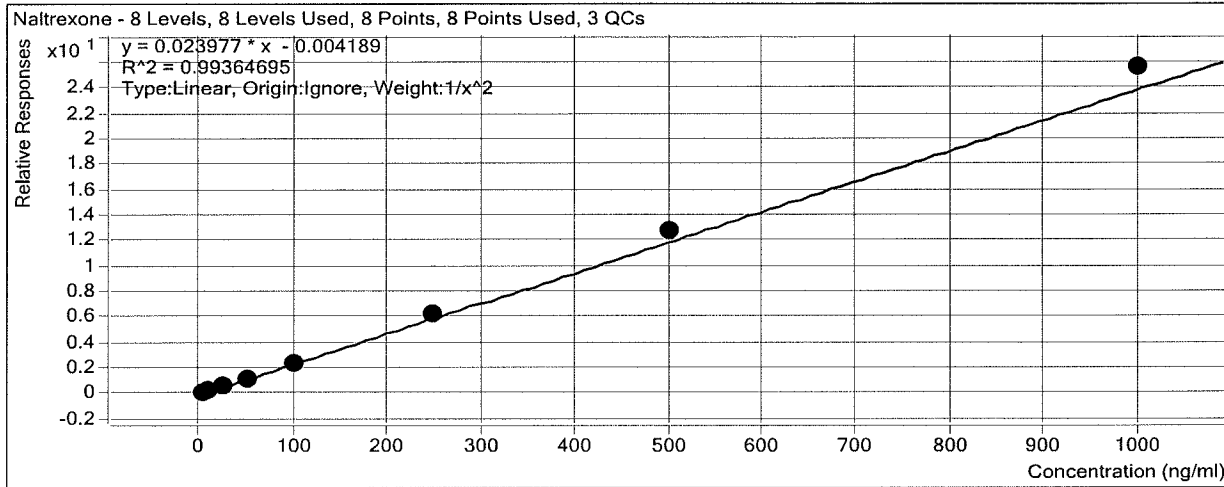
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.7
b QC 10	2	<input checked="" type="checkbox"/>	10	11.4	114.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 100	5	<input checked="" type="checkbox"/>	100	97.7	97.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.8	105.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.0	100.0
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	985.9	98.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	944.9	94.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



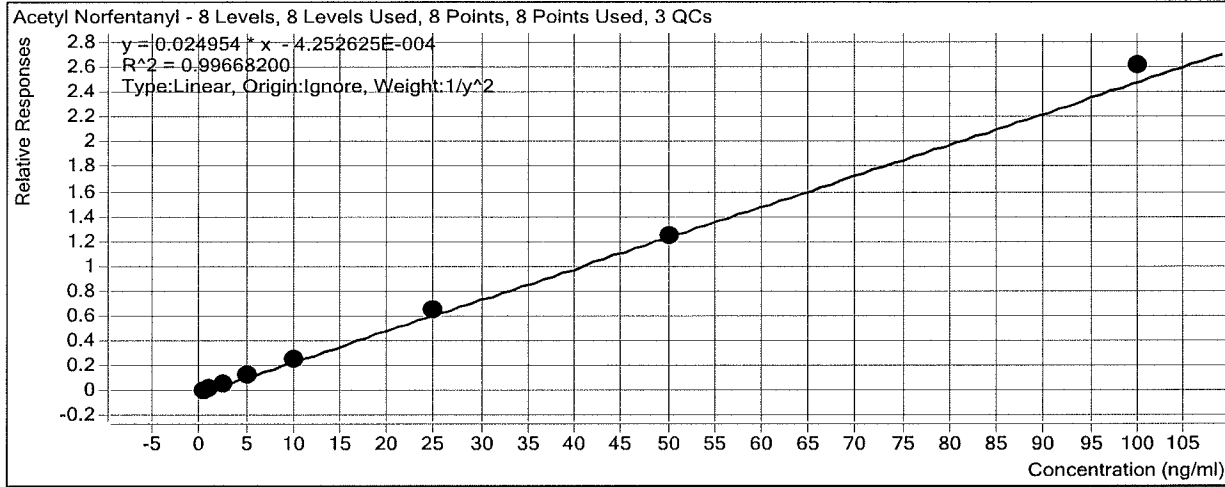
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
b qc 100	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.8	103.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.4	105.9
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	1067.5	106.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	935.5	93.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Acetyl Norfentanyl
Internal Standard Acetyl Norfentanyl-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	105.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	93.7
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	100.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	94.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.1	100.9
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	98.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.5	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.1	100.2
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	104.7	104.7
b qc 1000	8	<input checked="" type="checkbox"/>	100	102.1	102.1

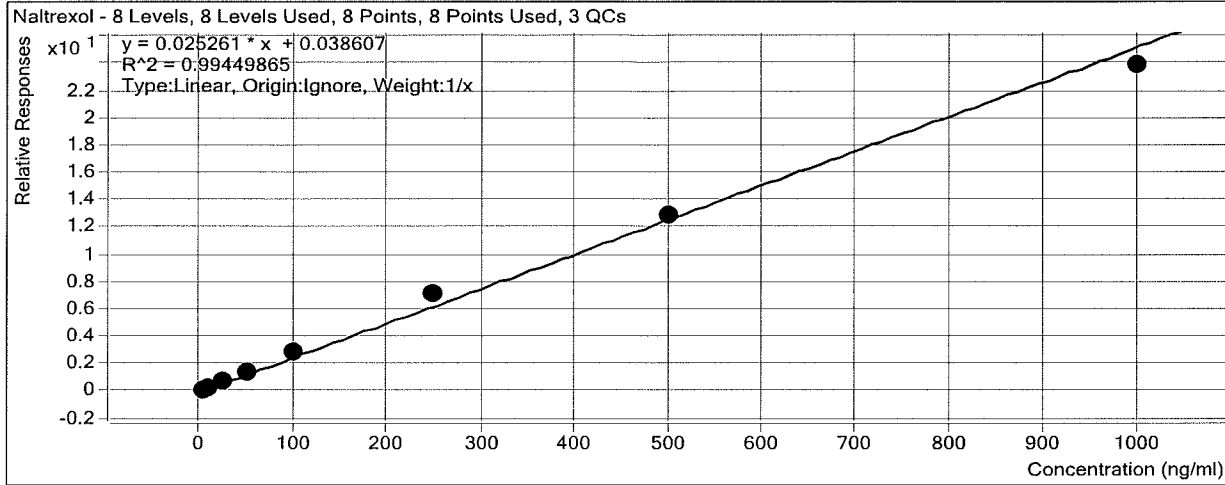
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

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



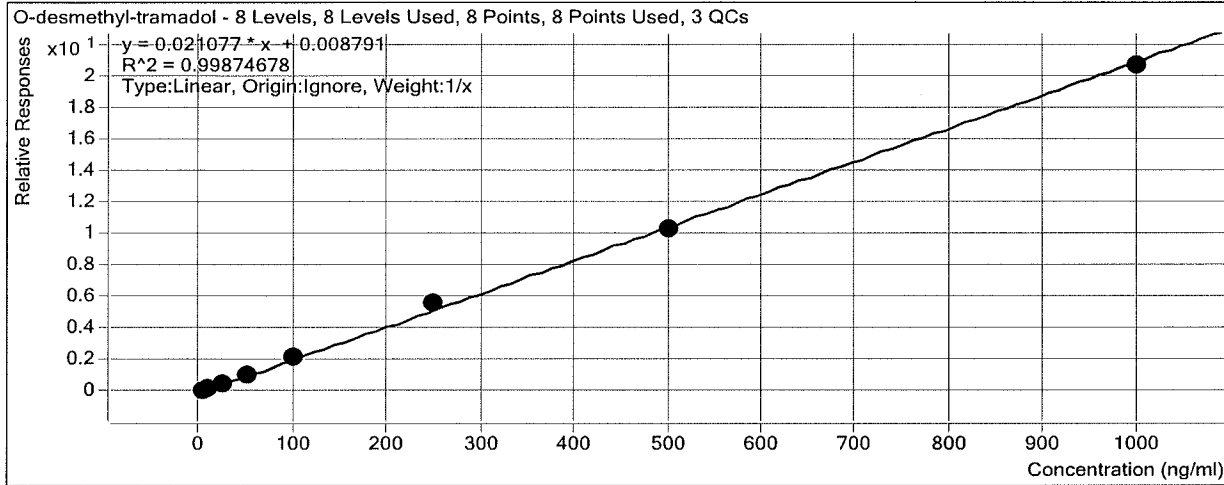
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.9	77.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.0	90.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	101.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.1	112.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.9	108.9
b qc 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	282.7	113.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.7	102.3
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	942.2	94.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	955.2	95.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



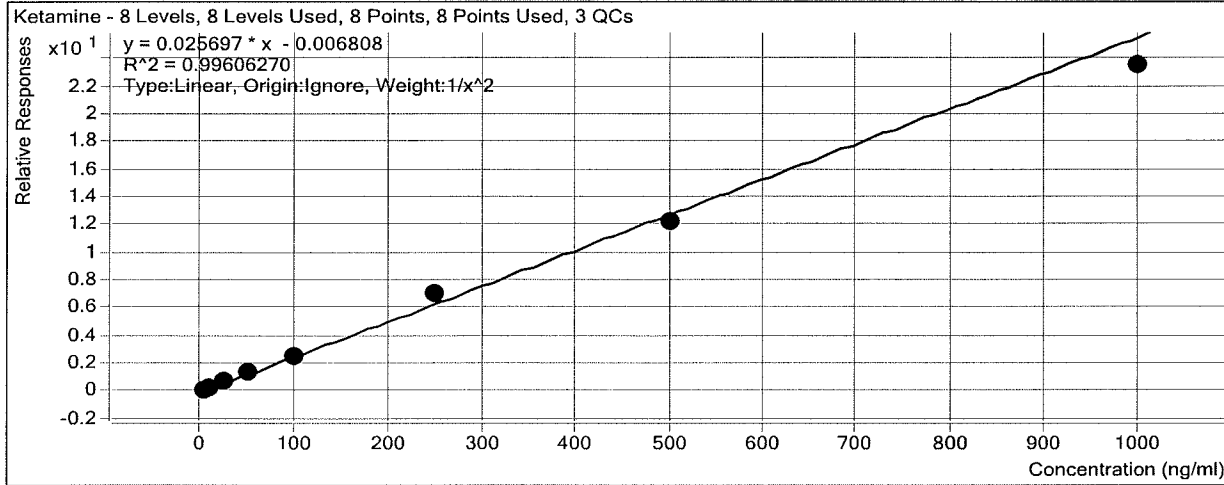
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	93.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.4	104.4
b qc 100	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.8	107.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.3	98.7
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	982.3	98.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	975.6	97.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.9	105.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b qc 100	5	<input checked="" type="checkbox"/>	100	102.7	102.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.9	108.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	475.2	95.0
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	915.4	91.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	945.3	94.5

ISP Forensics Calibration Curve Report

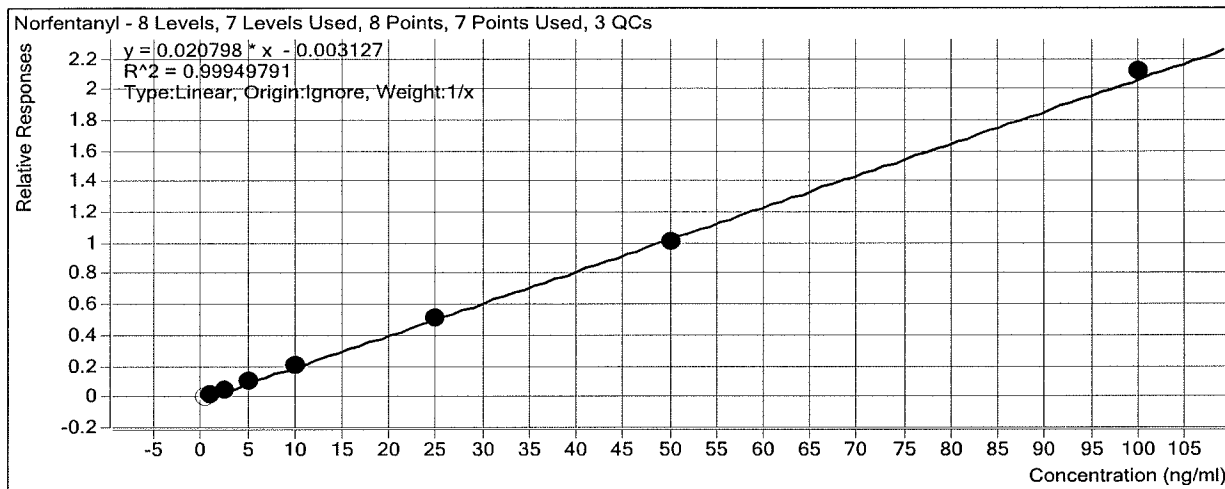
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

Target Compound *Norfentanyl*

Internal Standard *Norfentanyl-D5*



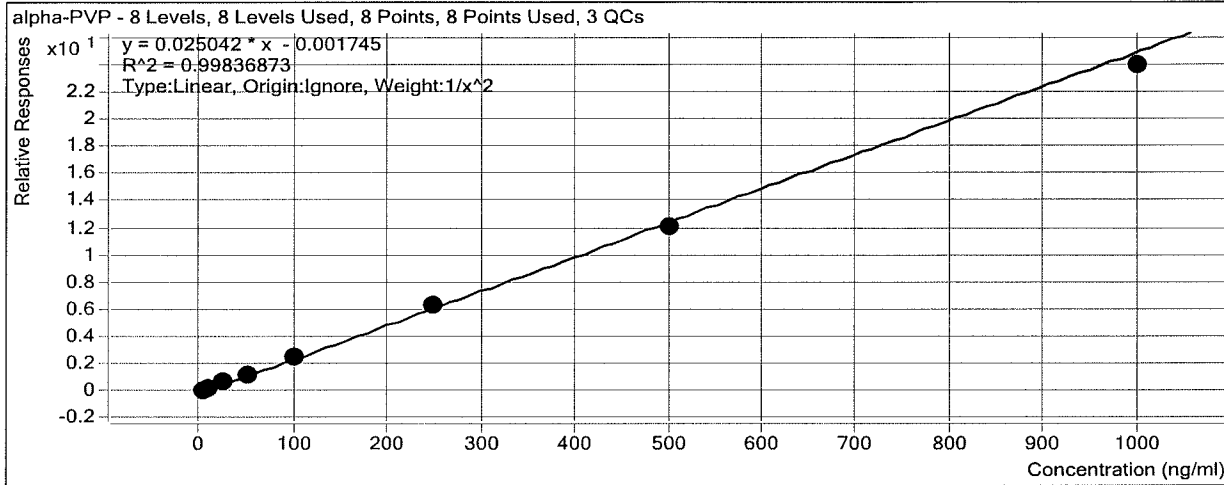
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.6	122.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	103.8
b QC 10	2	<input type="checkbox"/>	1	1.1	112.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	99.4
b qc 100	5	<input checked="" type="checkbox"/>	10	9.7	97.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.6	98.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.6	97.2
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	101.9	101.9
b qc 1000	8	<input checked="" type="checkbox"/>	100	95.5	95.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



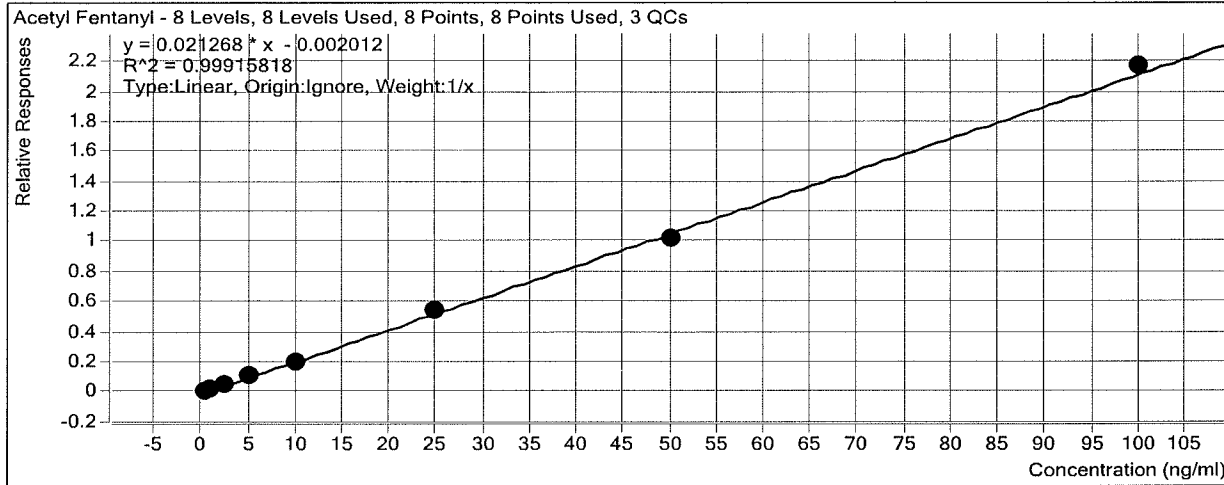
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
b qc 100	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.6	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.3	96.1
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	953.7	95.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	944.1	94.4

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



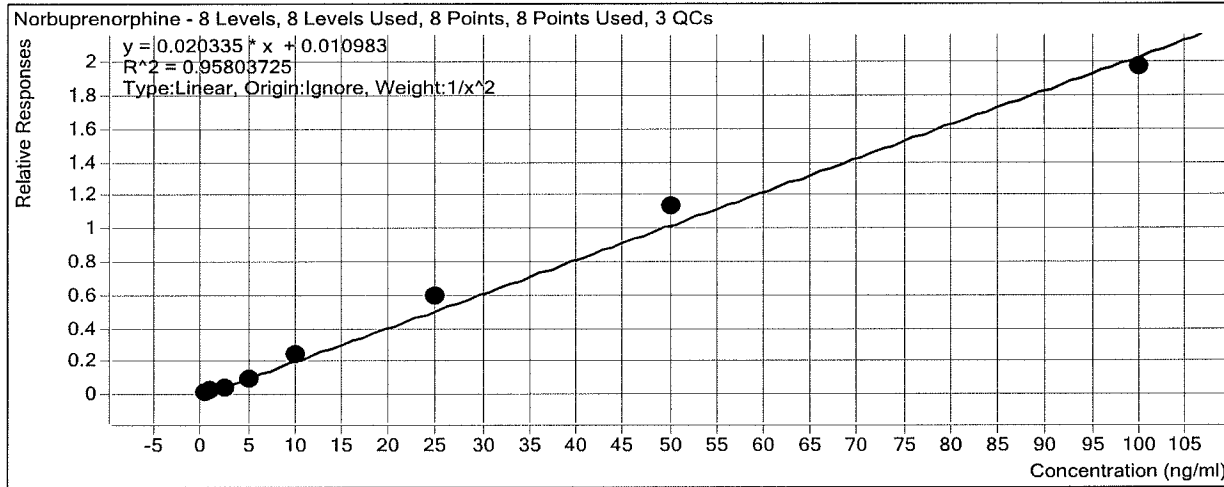
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	108.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.8
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	106.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	100.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	97.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.3
b qc 100	5	<input checked="" type="checkbox"/>	10	9.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.3	101.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.1	96.3
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	91.6	91.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	103.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	107.3
b QC 10	2	<input checked="" type="checkbox"/>	1	0.2	20.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	1.6	65.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.1	81.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	11.8	118.5
b qc 100	5	<input checked="" type="checkbox"/>	10	8.6	85.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	29.0	115.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	55.6	111.1
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	96.3	96.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	99.7	99.7

Not evaluated A

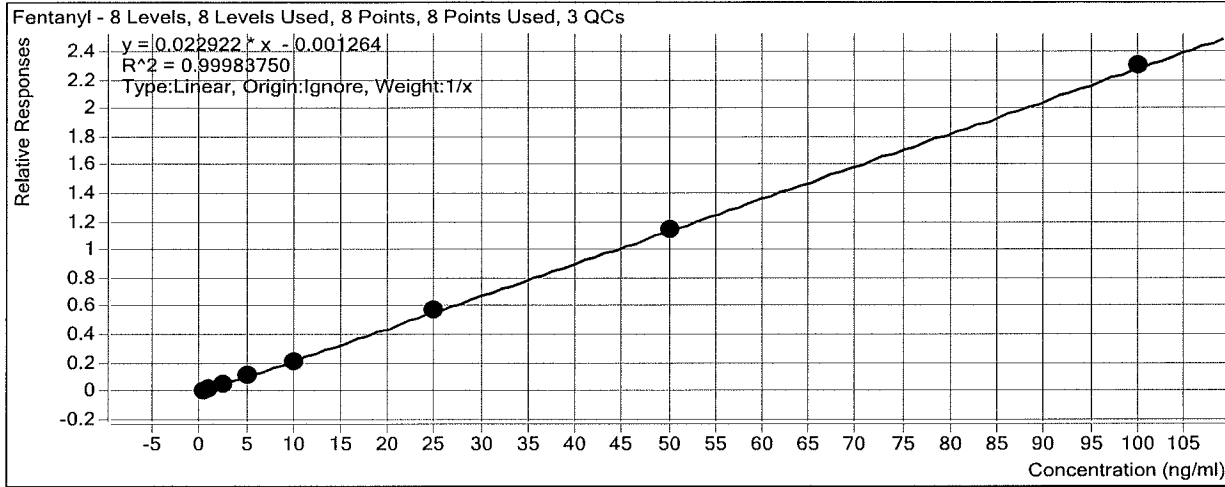
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

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



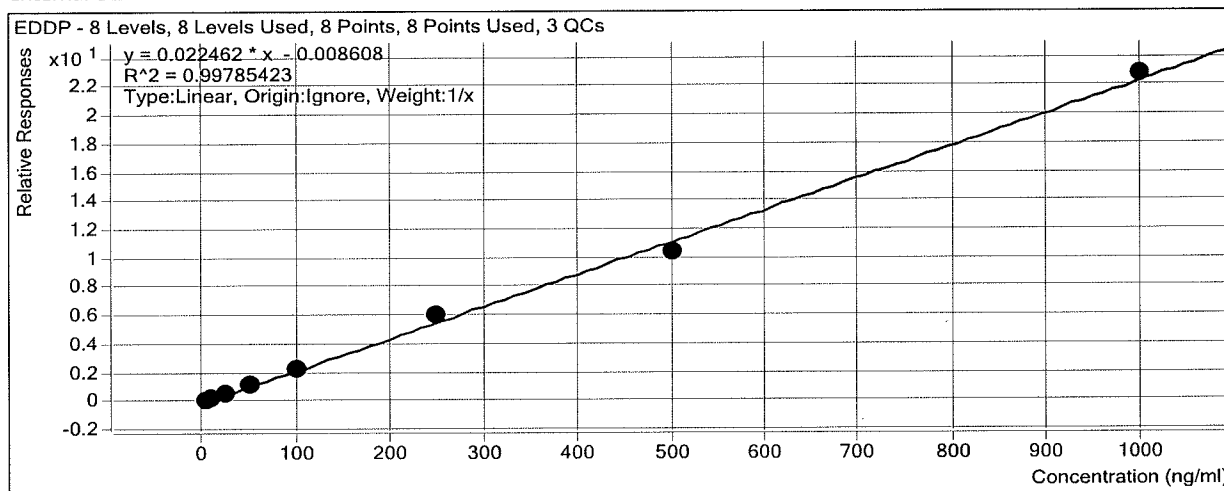
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	97.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	103.0
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	105.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	103.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.4
b qc 100	5	<input checked="" type="checkbox"/>	10	9.9	99.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.2	100.5
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	100.3	100.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	97.5	97.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.4	93.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
b qc 100	5	<input checked="" type="checkbox"/>	100	111.4	111.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.9	107.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	467.1	93.4
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	1015.0	101.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	972.3	97.2

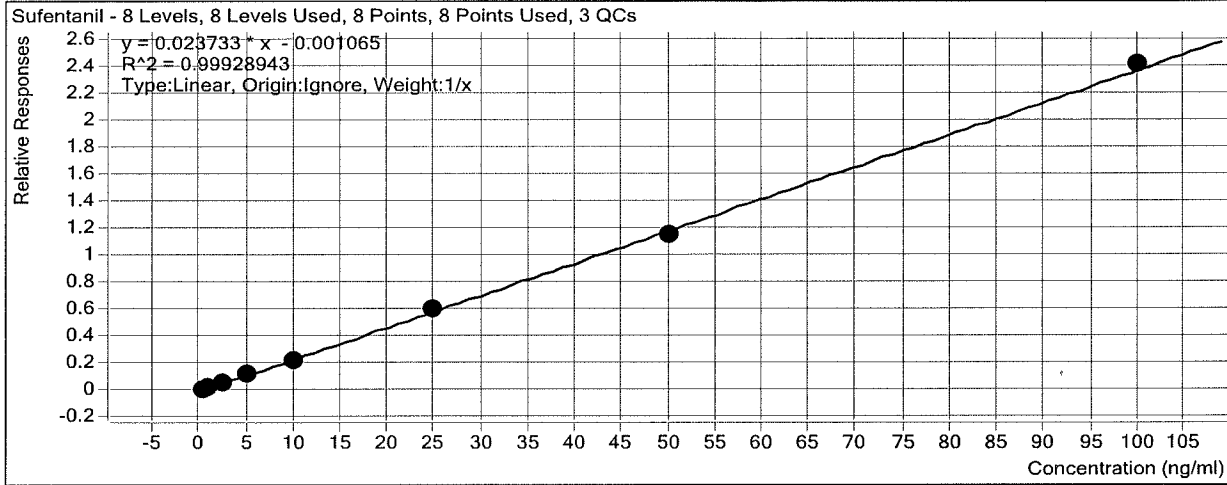
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

Target Compound Sufentanil
Internal Standard Sufentanil-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	96.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	110.1
b QC 10	2	<input checked="" type="checkbox"/>	1	1.2	116.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	97.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	93.9
b qc 100	5	<input checked="" type="checkbox"/>	10	9.4	93.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	102.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.6	97.1
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	101.3	101.3
b qc 1000	8	<input checked="" type="checkbox"/>	100	93.4	93.4

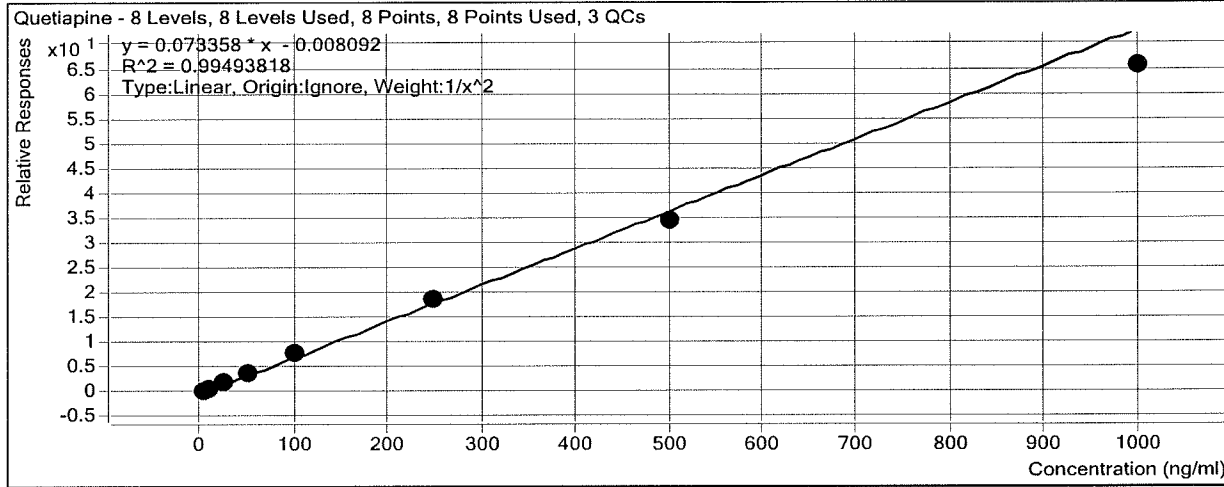
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

Target Compound Quetiapine
Internal Standard Quetiapine-D8



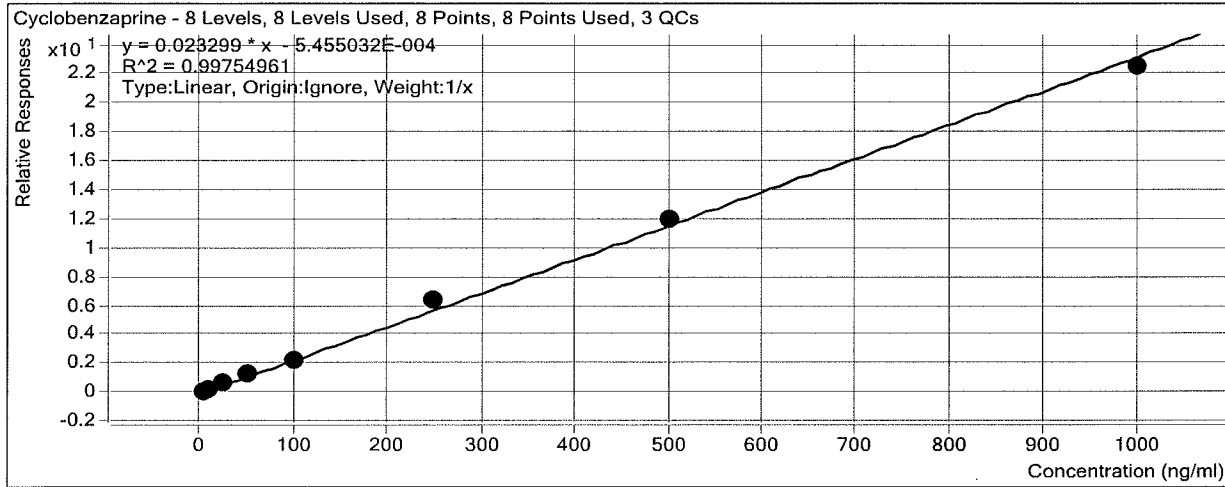
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.2	108.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
b qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.5	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	468.8	93.8
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	893.1	89.3
b qc 1000	8	<input type="checkbox"/>	1000	883.3	88.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b QC 10	2	<input checked="" type="checkbox"/>	10	12.2	122.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b qc 100	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.7	109.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.0	102.4
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	964.5	96.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1031.1	103.1

ISP Forensics Calibration Curve Report

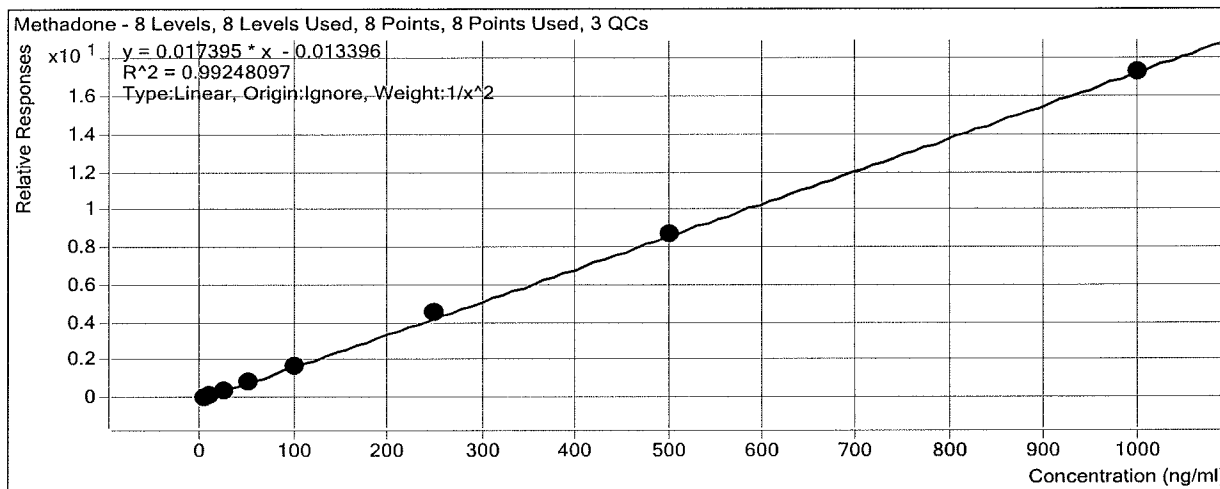
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

Target Compound Methadone

Internal Standard Methadone-D9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	107.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	83.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
b qc 100	5	<input checked="" type="checkbox"/>	100	107.6	107.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.5	106.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.3	100.5
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	994.7	99.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1037.7	103.8

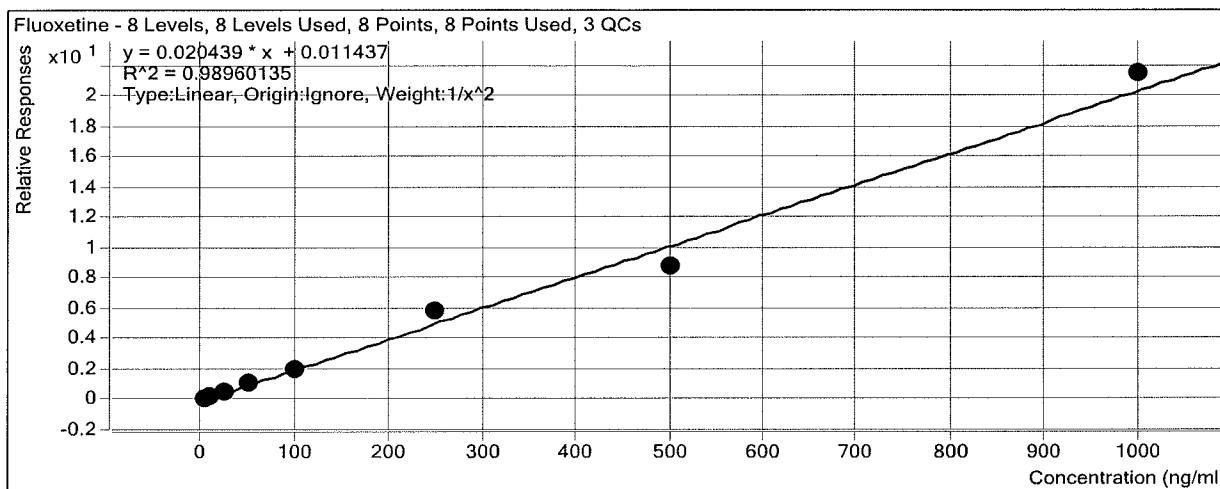
ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM

Analyst Name ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



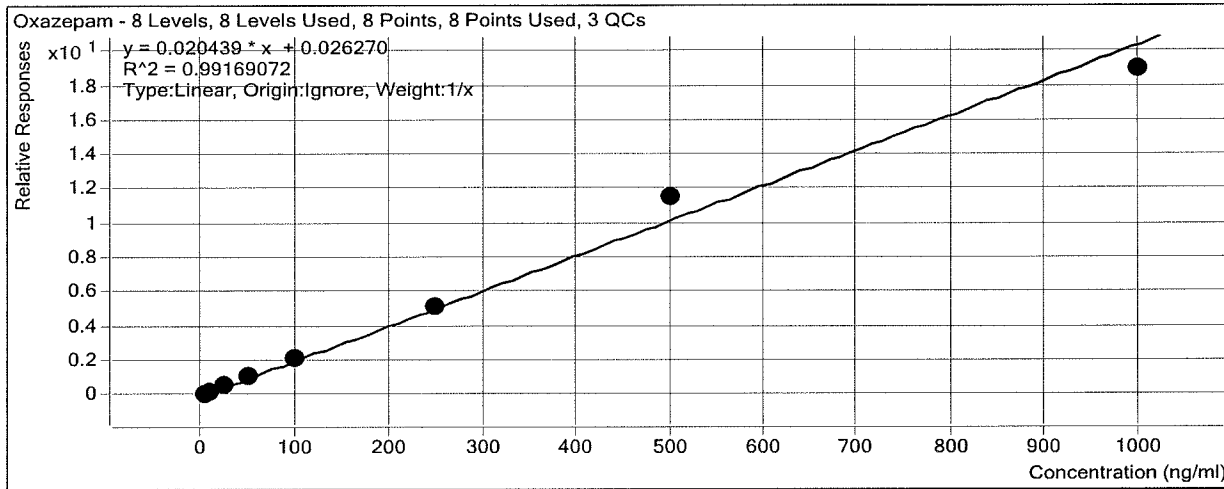
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.5
b QC 10	2	<input checked="" type="checkbox"/>	10	11.2	112.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	94.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b qc 100	5	<input checked="" type="checkbox"/>	100	109.6	109.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	286.1	114.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	427.6	85.5
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	1050.7	105.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1015.3	101.5

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



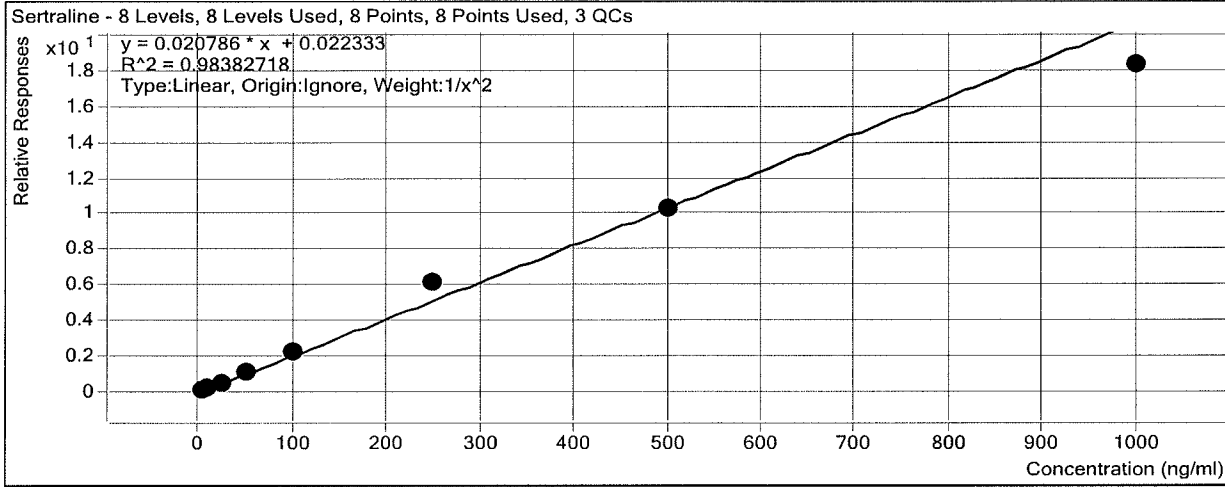
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.2	83.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.5
b QC 10	2	<input checked="" type="checkbox"/>	10	7.7	77.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.7	111.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b qc 100	5	<input checked="" type="checkbox"/>	100	97.3	97.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.2	101.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	563.7	112.7
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	924.7	92.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1003.4	100.3

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



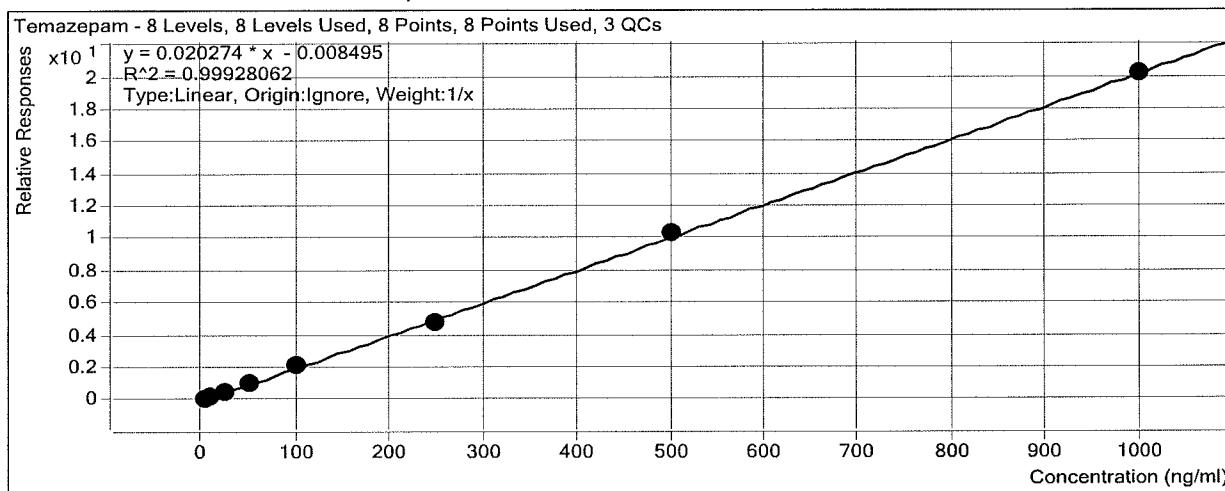
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	107.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	86.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.7	105.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.1	104.1
b qc 100	5	<input checked="" type="checkbox"/>	100	105.5	105.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	297.1	118.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.4	98.9
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	880.5	88.1
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1159.1	115.9

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



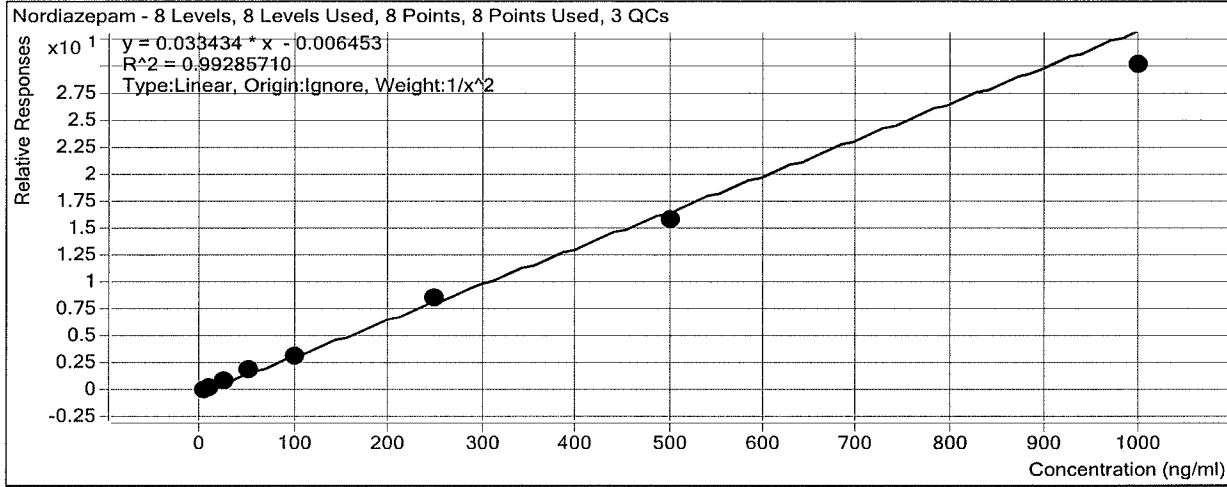
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.4	105.4
b qc 100	5	<input checked="" type="checkbox"/>	100	101.0	101.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.8	95.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.4	102.1
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	995.1	99.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.1	102.2

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



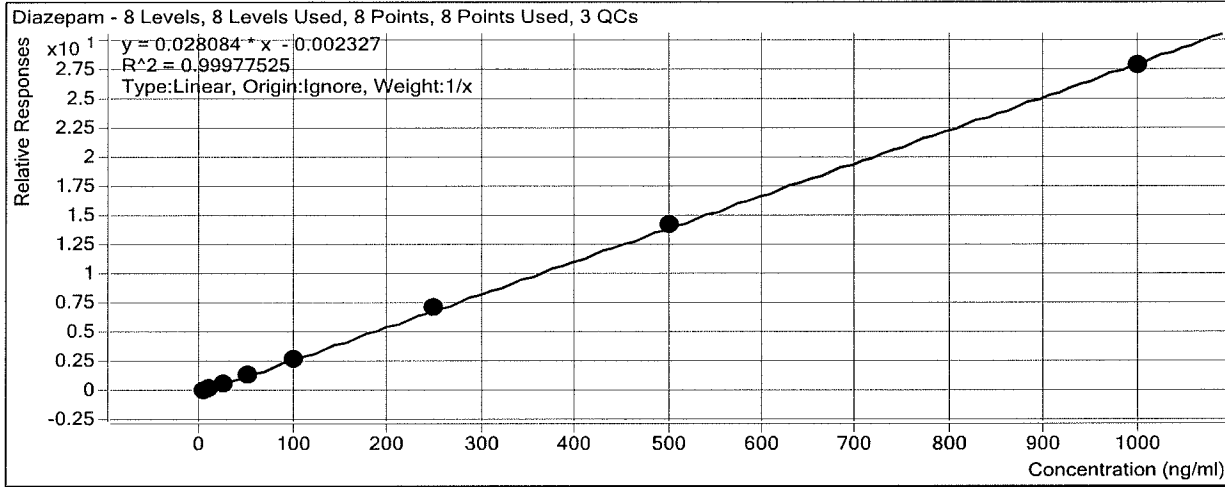
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.5	115.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b qc 100	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.7	101.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	476.4	95.3
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	899.0	89.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	820.7	82.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b QC 10	2	<input type="checkbox"/>	10	9.5	94.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.9	103.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.2	100.2
b qc 100	5	<input type="checkbox"/>	100	159.9	159.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.4	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.8	101.0
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	1000	988.4	98.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	976.8	97.7

ISP Forensics Calibration Curve Report

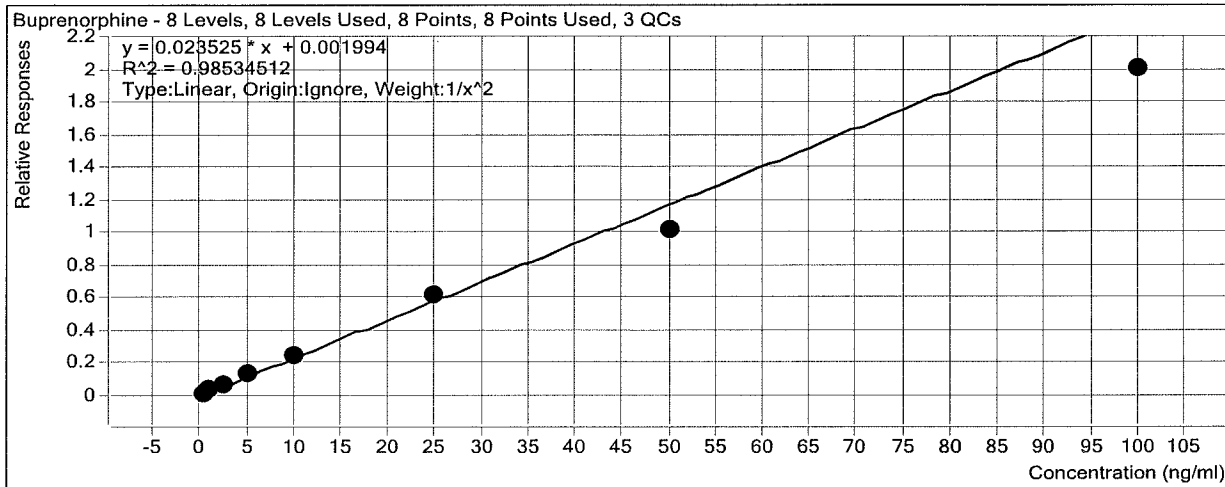
Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin

Last Calib Update 11/9/2017 10:17 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	91.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	110.1
b QC 10	2	<input type="checkbox"/>	1	1.1	112.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.8	111.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.4	107.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.4	104.3
b qc 100	5	<input checked="" type="checkbox"/>	10	9.9	98.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.9	103.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	43.2	86.4
b cal 8 1000ng	8	<input checked="" type="checkbox"/>	100	85.1	85.1
b qc 1000	8	<input type="checkbox"/>	100	73.5	73.5

ISP FORENSICS - Cd'A Instrument # 62340

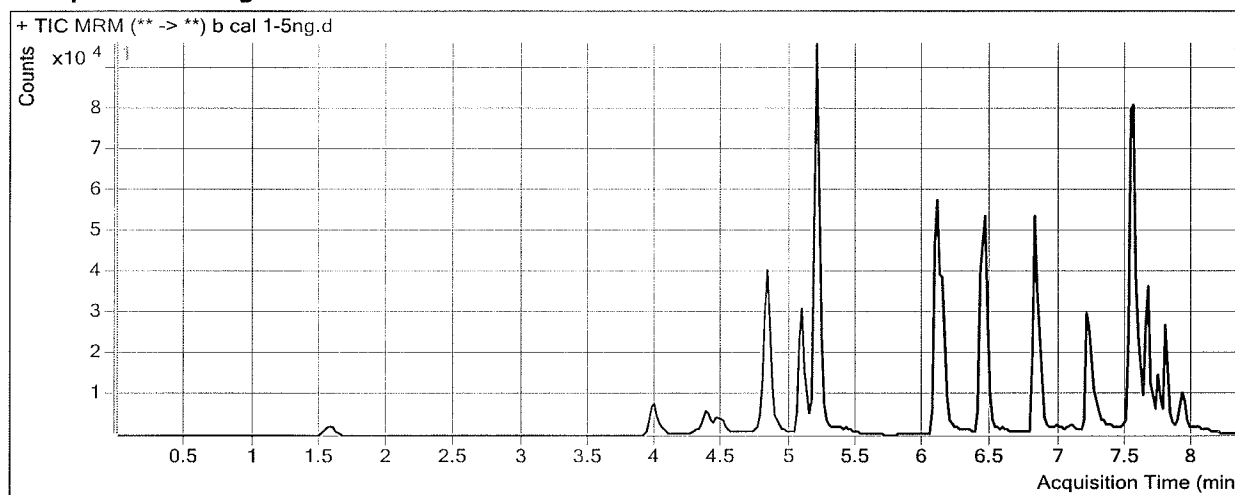
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin
Analysis Time 11/9/2017 10:17 AM **Analyst Name** anord
Report Time 11/9/2017 10:34 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 10:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 12:48 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



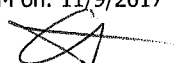
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	1618	12730	0.1271	4.9677
Dihydrocodeine	Dihydrocodeine-D6	4.035	3060	30993	0.0987	4.2528
Naloxone	Naloxone-D5	4.492	1740	26169	0.0665	4.9089
Noroxycodone	Noroxycodone-D3	4.497	1849	15454	0.1196	4.7788
Naltrexone	Naltrexone-D3	4.830	4342	34913	0.1244	5.3617
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	1499	117958	0.0127	0.5264
Naltrexol	Naltrexol-D3	5.089	10868	79698	0.1364	3.8697
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	29481	275703	0.1069	4.6563
Ketamine	Ketamine-D4	6.156	10458	86630	0.1207	4.9629
Norfentanyl	Norfentanyl-D5	6.120	1635	170763	0.0096	0.6108
alpha-PVP	alpha-PVP-d8	6.447	18064	145225	0.1244	5.0368
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	1480	155759	0.0095	0.5414
Norbuprenorphine	Norbuprenorphine-D3	7.093	65	3000	0.0215	0.5185
Fentanyl	Fentanyl-D5	7.219	832	83825	0.0099	0.4881
EDDP	EDDP-D3	7.249	2210	20763	0.1064	5.1218
Sufentanil	Sufentanil-D5	7.558	376	36206	0.0104	0.4830
Quetiapine	Quetiapine-D8	7.539	18911	53466	0.3537	4.9320
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	1888	18670	0.1011	4.3641
Methadone	Methadone-D9	7.543	9474	118934	0.0797	5.3491
Fluoxetine	Fluoxetine-D6	7.584	2378	20320	0.1170	5.1660
Oxazepam	Oxazepam-D5	7.609	1273	11379	0.1119	4.1892
Sertraline	Sertraline-D3	7.645	423	3154	0.1340	5.3733
Temazepam	Temazepam-D5	7.667	6694	70088	0.0955	5.1297

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

b cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	3013	19069	0.1580	4.9194
Diazepam	Diazepam-D5	7.790	5984	45419	0.1318	4.7745
Buprenorphine	Buprenorphine-D4	7.978	296	23114	0.0128	0.4595



ISP FORENSICS - Cd'A Instrument # 62340

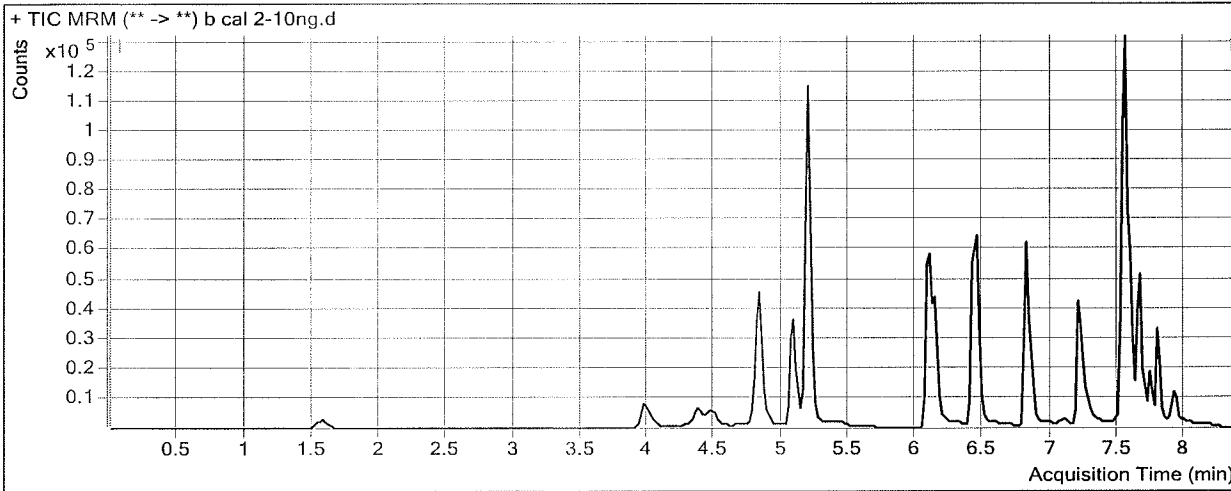
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 13:13	Data File	b cal 2-10ng.d
Sample Type	Calibration	Sample Name	b cal 2-10ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-B1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



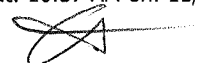
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	3286	13998	0.2348	9.4195
Dihydrocodeine	Dihydrocodeine-D6	4.035	6572	34322	0.1915	9.2054
Naloxone	Naloxone-D5	4.492	3770	28437	0.1326	10.1985
Noroxycodone	Noroxycodone-D3	4.497	4337	16864	0.2572	10.2682
Naltrexone	Naltrexone-D3	4.830	8099	39113	0.2071	8.8106
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	2958	128863	0.0230	0.9371
Naltrexol	Naltrexol-D3	5.089	23758	89344	0.2659	8.9985
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	63952	304978	0.2097	9.5320
Ketamine	Ketamine-D4	6.156	23386	94032	0.2487	9.9431
Norfentanyl	Norfentanyl-D5	6.100	3288	178076	0.0185	1.0380
alpha-PVP	alpha-PVP-d8	6.447	38819	162160	0.2394	9.6291
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	3384	178086	0.0190	0.9881
Norbuprenorphine	Norbuprenorphine-D3	7.093	115	3496	0.0328	1.0730
Fentanyl	Fentanyl-D5	7.219	2534	113411	0.0223	1.0297
EDDP	EDDP-D3	7.249	4595	21464	0.2141	9.9144
Sufentanil	Sufentanil-D5	7.558	1659	66179	0.0251	1.1009
Quetiapine	Quetiapine-D8	7.539	43625	60336	0.7230	9.9665
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	8409	35364	0.2378	10.2295
Methadone	Methadone-D9	7.543	19454	147163	0.1322	8.3694
Fluoxetine	Fluoxetine-D6	7.584	14355	70158	0.2046	9.4511
Oxazepam	Oxazepam-D5	7.609	2720	12751	0.2133	9.1511
Sertraline	Sertraline-D3	7.645	3462	17078	0.2027	8.6777
Temazepam	Temazepam-D5	7.667	14518	76600	0.1895	9.7677

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

b cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	6718	20685	0.3248	9.9079
Diazepam	Diazepam-D5	7.790	13713	48649	0.2819	10.1200
Buprenorphine	Buprenorphine-D4	7.978	762	27300	0.0279	1.1015



ISP FORENSICS - Cd'A Instrument # 62340

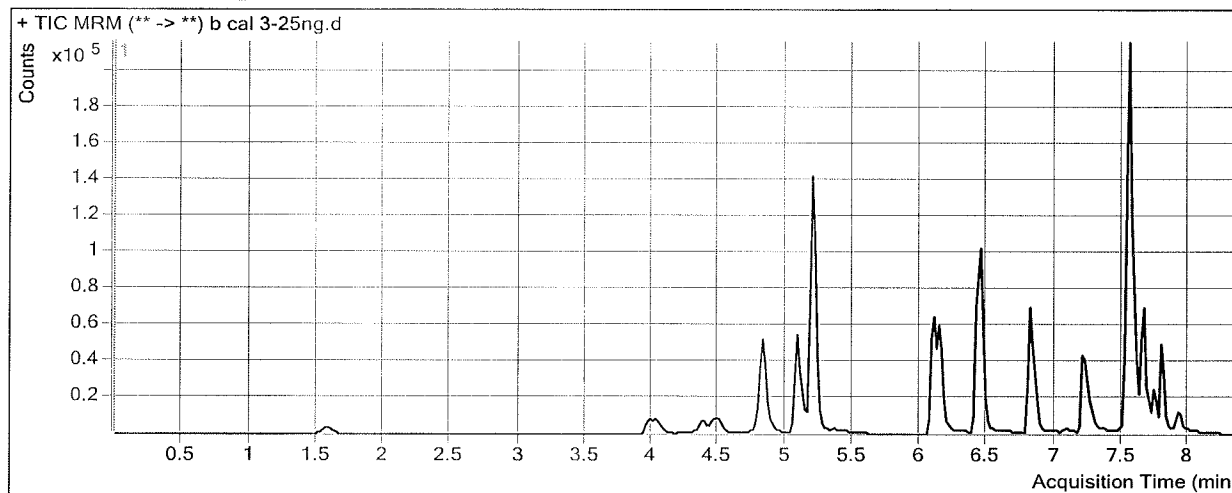
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin
Analysis Time 11/9/2017 10:17 AM **Analyst Name** anord
Report Time 11/9/2017 10:34 AM **Reporter Name** ISP Tox
Last Calib Update 11/9/2017 10:17 AM **Batch State** Processed

Analysis Info

Acq Time 2017-11-08 13:39 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** Quant Panel 1b 10-2017.m
Position P1-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	8240	13645	0.6038	24.6757
Dihydrocodeine	Dihydrocodeine-D6	4.035	16541	34434	0.4804	24.6324
Naloxone	Naloxone-D5	4.473	9073	28326	0.3203	25.2182
Noroxycodone	Noroxycodone-D3	4.497	10086	16899	0.5968	23.8219
Naltrexone	Naltrexone-D3	4.830	21354	37585	0.5682	23.8712
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	7480	128497	0.0582	2.3499
Naltrexol	Naltrexol-D3	5.089	59906	87808	0.6822	25.4790
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	160591	307596	0.5221	24.3538
Ketamine	Ketamine-D4	6.156	61743	94943	0.6503	25.5719
Norfentanyl	Norfentanyl-D5	6.100	8926	182022	0.0490	2.5082
alpha-PVP	alpha-PVP-d8	6.447	111689	172471	0.6476	25.9297
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	10144	196441	0.0516	2.5226
Norbuprenorphine	Norbuprenorphine-D3	7.073	161	3630	0.0444	1.6457
Fentanyl	Fentanyl-D5	7.219	6915	119409	0.0579	2.5816
EDDP	EDDP-D3	7.249	12586	24325	0.5174	23.4181
Sufentanil	Sufentanil-D5	7.538	3663	64357	0.0569	2.4429
Quetiapine	Quetiapine-D8	7.539	124820	66768	1.8695	25.5945
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	20203	34814	0.5803	24.9306
Methadone	Methadone-D9	7.543	69904	157196	0.4447	26.3339
Fluoxetine	Fluoxetine-D6	7.584	31746	64422	0.4928	23.5499
Oxazepam	Oxazepam-D5	7.609	6878	12410	0.5542	25.8307
Sertraline	Sertraline-D3	7.645	7229	14683	0.4923	22.6100
Temazepam	Temazepam-D5	7.667	37018	80246	0.4613	23.1730

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

b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	16214	18795	0.8627	25.9953
Diazepam	Diazepam-D5	7.790	33650	49396	0.6812	24.3399
Buprenorphine	Buprenorphine-D4	7.978	1882	27982	0.0673	2.7746



ISP FORENSICS - Cd'A Instrument # 62340

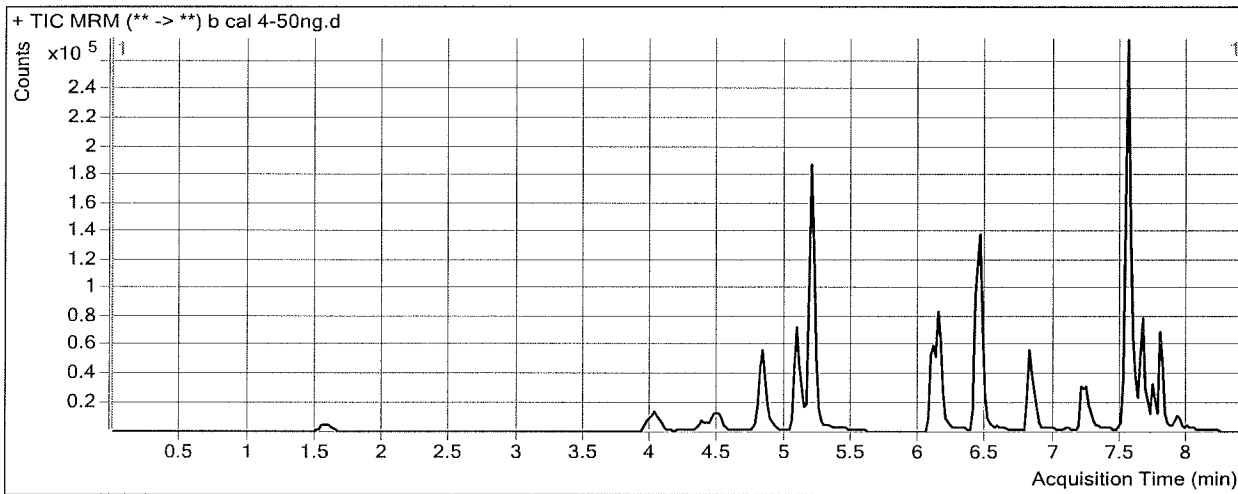
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 14:04	Data File	b cal 4-50ng.d
Sample Type	Calibration	Sample Name	b cal 4-50ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-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	15838	12517	1.2653	52.0185
Dihydrocodeine	Dihydrocodeine-D6	4.035	31767	31228	1.0173	53.3049
Naloxone	Naloxone-D5	4.473	16850	25358	0.6645	52.7600
Noroxycodone	Noroxycodone-D3	4.497	19758	15673	1.2606	50.3104
Naltrexone	Naltrexone-D3	4.830	37867	32925	1.1501	48.1418
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.904	14157	115630	0.1224	4.9233
Naltrexol	Naltrexol-D3	5.089	116018	79731	1.4551	56.0742
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	317994	284262	1.1187	52.6593
Ketamine	Ketamine-D4	6.136	122483	90574	1.3523	52.8897
Norfentanyl	Norfentanyl-D5	6.100	17294	173020	0.1000	4.9562
alpha-PVP	alpha-PVP-d8	6.447	209607	163899	1.2789	51.1394
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	15388	152131	0.1011	4.8505
Norbuprenorphine	Norbuprenorphine-D3	7.073	256	2728	0.0938	4.0712
Fentanyl	Fentanyl-D5	7.219	9001	78795	0.1142	5.0385
EDDP	EDDP-D3	7.249	25146	22023	1.1418	51.2168
Sufentanil	Sufentanil-D5	7.538	4217	35687	0.1182	5.0238
Quetiapine	Quetiapine-D8	7.539	221308	55773	3.9680	54.2018
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	23014	18736	1.2283	52.7446
Methadone	Methadone-D9	7.522	102953	118182	0.8711	50.8486
Fluoxetine	Fluoxetine-D6	7.584	23512	21606	1.0883	52.6835
Oxazepam	Oxazepam-D5	7.609	11680	10026	1.1650	55.7118
Sertraline	Sertraline-D3	7.645	4253	3803	1.1184	52.7340
Temazepam	Temazepam-D5	7.667	73634	70033	1.0514	52.2799

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

b cal y

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	30577	15963	1.9155	57.4863
Diazepam	Diazepam-D5	7.790	66381	45623	1.4550	51.8924
Buprenorphine	Buprenorphine-D4	7.978	2858	22231	0.1286	5.3807



ISP FORENSICS - Cd'A Instrument # 62340

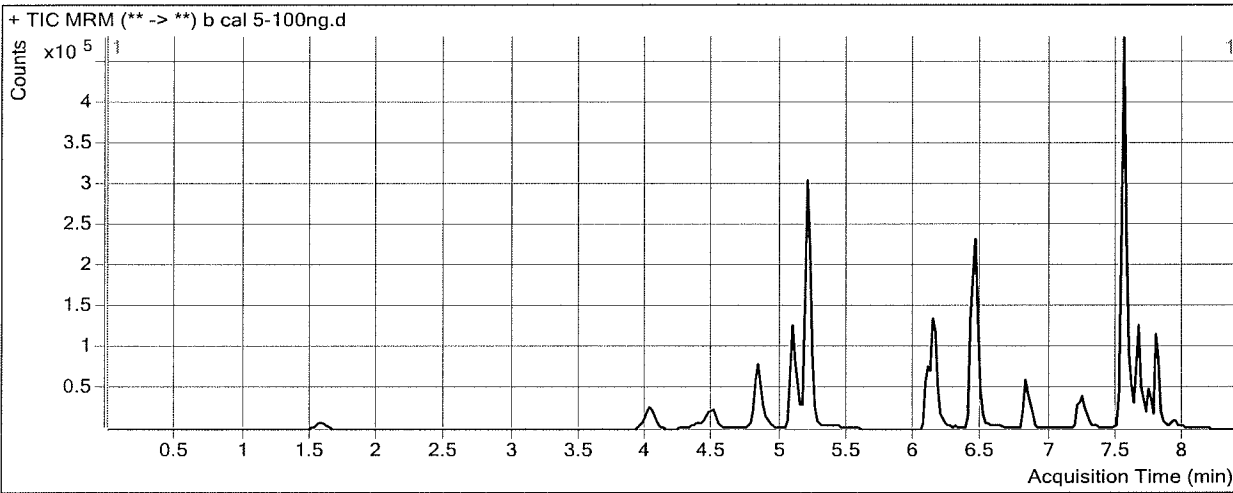
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 14:30	Data File	b cal 5-100ng.d
Sample Type	Calibration	Sample Name	b cal 5-100ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-E1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



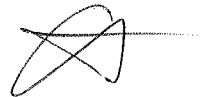
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	33154	13629	2.4326	100.2686
Dihydrocodeine	Dihydrocodeine-D6	4.035	69279	34082	2.0327	107.5325
Naloxone	Naloxone-D5	4.473	34103	26578	1.2831	102.2632
Noroxycodone	Noroxycodone-D3	4.497	41522	16224	2.5593	102.1324
Naltrexone	Naltrexone-D3	4.830	78490	34047	2.3054	96.3244
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	31248	124337	0.2513	10.0883
Naltrexol	Naltrexol-D3	5.089	234655	84121	2.7895	108.8968
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	681329	308410	2.2092	104.3993
Ketamine	Ketamine-D4	6.156	247143	98095	2.5194	98.3081
Norfentanyl	Norfentanyl-D5	6.100	37816	185783	0.2036	9.9372
alpha-PVP	alpha-PVP-d8	6.447	424650	164263	2.5852	103.3043
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	28762	143395	0.2006	9.5259
Norbuprenorphine	Norbuprenorphine-D3	7.093	710	2818	0.2519	11.8478
Fentanyl	Fentanyl-D5	7.219	15626	71847	0.2175	9.5433
EDDP	EDDP-D3	7.249	46835	20889	2.2421	100.2041
Sufentanil	Sufentanil-D5	7.558	7287	32845	0.2219	9.3931
Quetiapine	Quetiapine-D8	7.539	436390	56359	7.7431	105.6627
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	37162	16537	2.2472	96.4740
Methadone	Methadone-D9	7.543	190104	114549	1.6596	96.1734
Fluoxetine	Fluoxetine-D6	7.584	36411	18157	2.0053	97.5505
Oxazepam	Oxazepam-D5	7.609	20852	9741	2.1406	103.4478
Sertraline	Sertraline-D3	7.645	6452	2952	2.1858	104.0831
Temazepam	Temazepam-D5	7.667	148547	69820	2.1276	105.3621

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

b cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	55666	17209	3.2347	96.9422
Diazepam	Diazepam-D5	7.790	137171	48790	2.8115	100.1931
Buprenorphine	Buprenorphine-D4	7.977	4858	19644	0.2473	10.4270



ISP FORENSICS - Cd'A Instrument # 62340

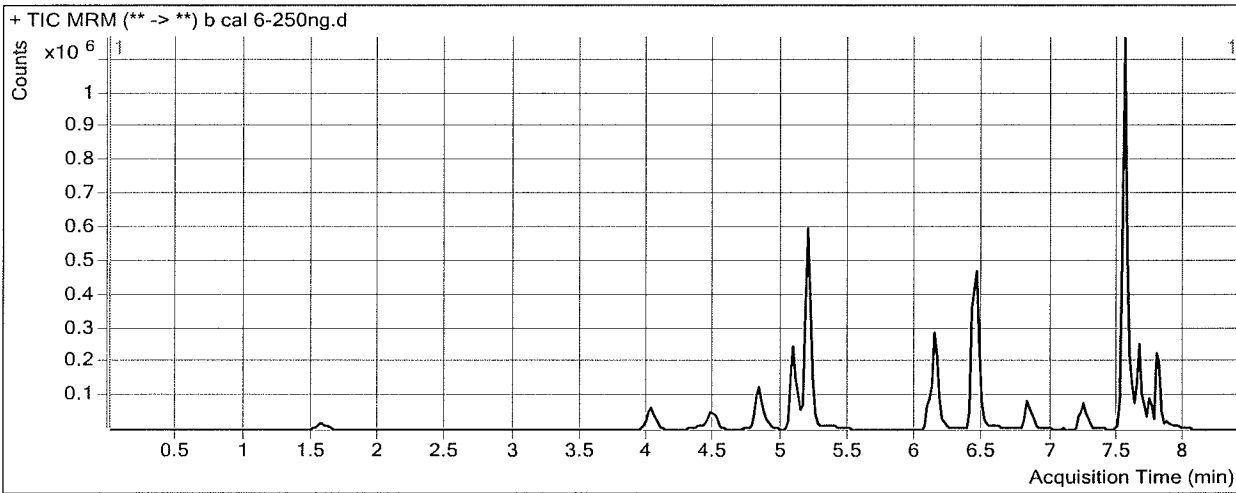
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 14:58	Data File	b cal 6-250ng.d
Sample Type	Calibration	Sample Name	b cal 6-250ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



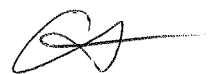
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	80127	12653	6.3326	261.4792
Dihydrocodeine	Dihydrocodeine-D6	4.035	166076	31452	5.2803	280.9644
Naloxone	Naloxone-D5	4.473	78534	24004	3.2717	261.3888
Noroxycodone	Noroxycodone-D3	4.497	95993	14578	6.5846	262.7650
Naltrexone	Naltrexone-D3	4.830	181310	29121	6.2261	259.8450
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	75175	113589	0.6618	26.5385
Naltrexol	Naltrexol-D3	5.089	543426	75678	7.1808	282.7314
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	1617552	285032	5.6750	268.8392
Ketamine	Ketamine-D4	6.136	612843	88124	6.9544	270.8933
Norfentanyl	Norfentanyl-D5	6.100	90432	178083	0.5078	24.5662
alpha-PVP	alpha-PVP-d8	6.447	1045435	163380	6.3988	255.5930
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.840	79183	147450	0.5370	25.3450
Norbuprenorphine	Norbuprenorphine-D3	7.073	1776	2960	0.6000	28.9647
Fentanyl	Fentanyl-D5	7.219	43430	76599	0.5670	24.7897
EDDP	EDDP-D3	7.249	115728	19257	6.0098	267.9407
Sufentanil	Sufentanil-D5	7.538	21869	35931	0.6086	25.6901
Quetiapine	Quetiapine-D8	7.539	1097731	58603	18.7316	255.4555
Cyclobenzaprine	Cyclobenzaprine-D3	7.512	112888	17640	6.3996	274.6996
Methadone	Methadone-D9	7.543	546951	118776	4.6049	265.4881
Fluoxetine	Fluoxetine-D6	7.584	125476	21412	5.8601	286.1463
Oxazepam	Oxazepam-D5	7.609	44041	8466	5.2022	253.2371
Sertraline	Sertraline-D3	7.645	22146	3574	6.1969	297.0583
Temazepam	Temazepam-D5	7.667	305510	63211	4.8332	238.8190

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

b cal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	116376	13733	8.4743	253.6604
Diazepam	Diazepam-D5	7.790	326313	45508	7.1705	255.4085
Buprenorphine	Buprenorphine-D4	7.917	13500	22093	0.6110	25.8888



ISP FORENSICS - Cd'A Instrument # 62340

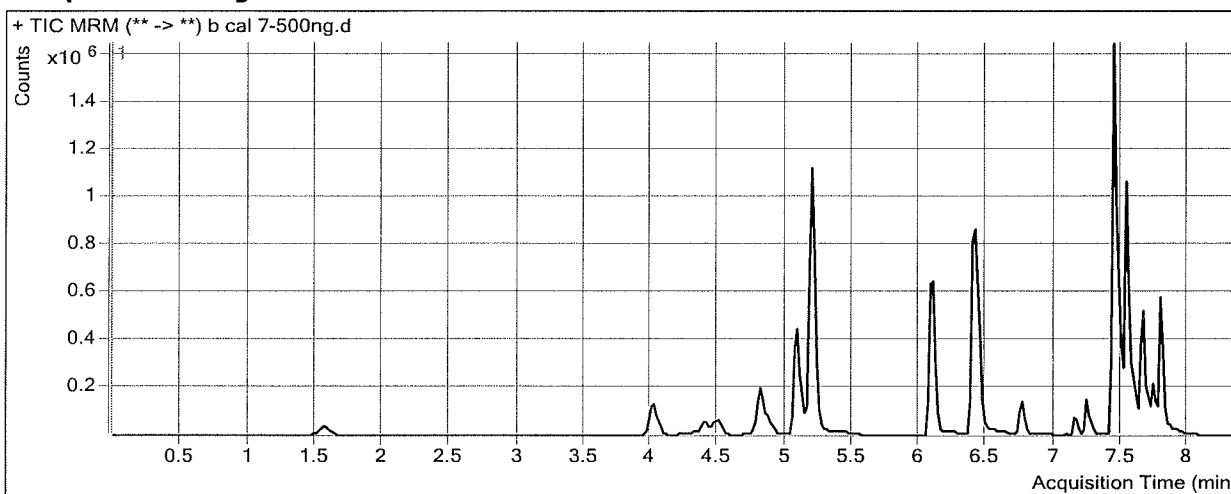
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 15:24	Data File	b cal 7-500ng.d
Sample Type	Calibration	Sample Name	b cal 7-500ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-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	172925	14250	12.1353	501.3393
Dihydrocodeine	Dihydrocodeine-D6	4.035	341734	35147	9.7230	518.2213
Naloxone	Naloxone-D5	4.392	172296	29582	5.8243	465.6413
Noroxycodone	Noroxycodone-D3	4.497	197211	15739	12.5302	500.0235
Naltrexone	Naltrexone-D3	4.810	359303	28315	12.6893	529.4072
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	167650	134147	1.2497	50.0988
Naltrexol	Naltrexol-D3	5.089	1091677	84199	12.9654	511.7242
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	3364273	323312	10.4057	493.2920
Ketamine	Ketamine-D4	6.075	1302601	106728	12.2049	475.2167
Norfentanyl	Norfentanyl-D5	6.100	193558	192018	1.0080	48.6167
alpha-PVP	alpha-PVP-d8	6.427	2157792	179429	12.0259	480.2999
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.760	170447	166836	1.0216	48.1320
Norbuprenorphine	Norbuprenorphine-D3	7.073	3642	3193	1.1406	55.5503
Fentanyl	Fentanyl-D5	7.158	92656	80532	1.1505	50.2481
EDDP	EDDP-D3	7.249	257223	24534	10.4842	467.1429
Sufentanil	Sufentanil-D5	7.437	38130	33110	1.1516	48.5686
Quetiapine	Quetiapine-D8	7.438	2509109	72981	34.3802	468.7747
Cyclobenzaprine	Cyclobenzaprine-D3	7.492	235937	19778	11.9290	512.0225
Methadone	Methadone-D9	7.522	994022	113947	8.7236	502.2545
Fluoxetine	Fluoxetine-D6	7.584	221452	25305	8.7512	427.5961
Oxazepam	Oxazepam-D5	7.609	115618	10012	11.5481	563.7188
Sertraline	Sertraline-D3	7.645	44909	4360	10.2996	494.4385
Temazepam	Temazepam-D5	7.667	936627	90591	10.3391	510.3988

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

b cal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	250880	15758	15.9206	476.3801
Diazepam	Diazepam-D5	7.790	842890	59464	14.1749	504.8216
Buprenorphine	Buprenorphine-D4	7.575	21318	20931	1.0185	43.2085



ISP FORENSICS - Cd'A Instrument # 62340

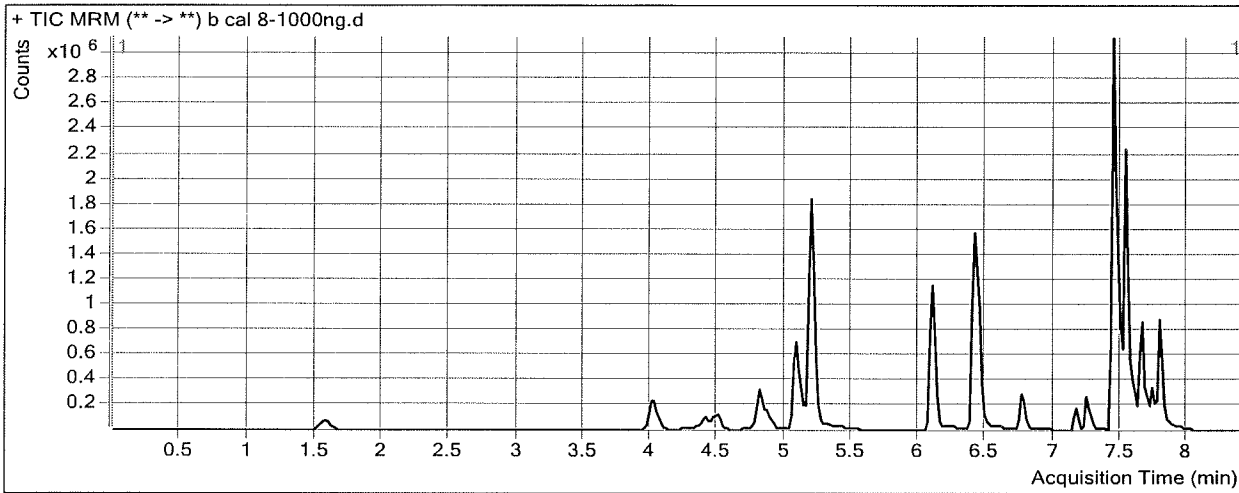
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MyFiles\anord\Documents\blood data\11817 mdq\QuantResults\11817 mdq p1b.batch.bin		
Analysis Time	11/9/2017 10:17 AM	Analyst Name	anord
Report Time	11/9/2017 10:34 AM	Reporter Name	ISP Tox
Last Calib Update	11/9/2017 10:17 AM	Batch State	Processed

Analysis Info

Acq Time	2017-11-08 17:05	Data File	b cal 8-1000ng.d
Sample Type	Calibration	Sample Name	b cal 8 1000ng
Dilution	1	Acq Method	Quant Panel 1b 10-2017.m
Position	P1-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	330211	13842	23.8561	985.8315
Dihydrocodeine	Dihydrocodeine-D6	4.035	614697	34815	17.6563	941.8863
Naloxone	Naloxone-D5	4.413	325442	27840	11.6897	934.9764
Noroxycodone	Noroxycodone-D3	4.497	355436	14387	24.7059	985.8998
Naltrexone	Naltrexone-D3	4.810	605165	23648	25.5905	1067.4774
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.884	333714	127720	2.6129	104.7239
Naltrexol	Naltrexol-D3	5.089	1751336	73461	23.8404	942.2261
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.199	5950306	287294	20.7116	982.2681
Ketamine	Ketamine-D4	6.096	2319534	98641	23.5150	915.3508
Norfentanyl	Norfentanyl-D5	6.120	342817	162031	2.1158	101.8775
alpha-PVP	alpha-PVP-d8	6.427	3750675	157052	23.8818	953.7449
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.760	428173	197378	2.1693	102.0946
Norbuprenorphine	Norbuprenorphine-D3	7.073	6358	3229	1.9692	96.2991
Fentanyl	Fentanyl-D5	7.158	225564	98181	2.2974	100.2809
EDDP	EDDP-D3	7.249	507355	22261	22.7909	1015.0411
Sufentanil	Sufentanil-D5	7.437	100255	41720	2.4031	101.2976
Quetiapine	Quetiapine-D8	7.438	5061855	77268	65.5101	893.1312
Cyclobenzaprine	Cyclobenzaprine-D3	7.492	462894	20599	22.4720	964.5351
Methadone	Methadone-D9	7.522	2391636	138323	17.2902	994.7219
Fluoxetine	Fluoxetine-D6	7.564	432917	20147	21.4879	1050.7378
Oxazepam	Oxazepam-D5	7.609	187465	9905	18.9264	924.7134
Sertraline	Sertraline-D3	7.645	57615	3144	18.3249	880.5373
Temazepam	Temazepam-D5	7.667	1564185	77569	20.1651	995.0697

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

b cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Nordiazepam	Nordiazepam-D5	7.735	397470	13227	30.0491	898.9652
Diazepam	Diazepam-D5	7.790	1388247	50014	27.7570	988.4499
Buprenorphine	Buprenorphine-D4	7.575	35272	17598	2.0044	85.1166

