



















Byylee

Worklist: 1769

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
C2017-0951	1	87373	AM 28 Blood Multi-Drug Quant	
C2017-0964	1	87375	AM 28 Blood Multi-Drug Quant	
C2017-1014	1	87377	AM 28 Blood Multi-Drug Quant	
C2017-1073	1	87381	AM 28 Blood Multi-Drug Quant	
C2017-1075	1	87372	AM 28 Blood Multi-Drug Quant	
C2017-1078	1	87379	AM 28 Blood Multi-Drug Quant	
C2017-1084	1	87374	AM 28 Blood Multi-Drug Quant	
C2017-1085	1	87376	AM 28 Blood Multi-Drug Quant	
C2017-1118	1	87378	AM 28 Blood Multi-Drug Quant	
C2017-1119	1	87388	AM 28 Blood Multi-Drug Quant	
C2017-1120	2	87380	AM 28 Blood Multi-Drug Quant	
C2017-1130	1	87383	AM 28 Blood Multi-Drug Quant	
M2017-0376	1	85844	AM 28 Blood Multi-Drug Quant	
M2017-1652	1	87382	AM 28 Blood Multi-Drug Quant	
M2017-1756	1	87384	AM 28 Blood Multi-Drug Quant	
M2017-1793	2	87385	AM 28 Blood Multi-Drug Quant	
M2017-1828	1	87386	AM 28 Blood Multi-Drug Quant	
M2017-1897	1	87387	AM 28 Blood Multi-Drug Quant	
M2017-2047	1	87371	AM 28 Blood Multi-Drug Quant	
M2017-2289	1	87390	AM 28 Blood Multi-Drug Quant	
P2017-1013	1	87389	AM 28 Blood Multi-Drug Quant	
P2017-1066	1	87391	AM 28 Blood Multi-Drug Quant	
P2017-1127	1	87392	AM 28 Blood Multi-Drug Quant	

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Worklist: 1769

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>
P2017-1187	1	87393	AM 28 Blood Multi-Drug Quant



A handwritten signature in black ink, consisting of a stylized, cursive script.

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

Date: 6-15-17 ¹⁴

Analyst: Anne Nord

PRE-ANALYTIC

Plate Lot# 0498367 Plate Exp. 1/26/2018

1. Ensure all solutions are within expiration date.

Mobile Phase A: **0.5M Ammonium Hydroxide**

5mM Amm Form +0.01% FA

Mobile Phase B:

Ethyl Acetate

0.01% FA in MeOH

20% Methanol

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

- ✓ 2. Check levels of mobile phases and needle wash and refill as necessary. Ensure waste is not full.
- ✓ 3. Begin mobile phase flow and allow system to equilibrate for approx. 30 minutes.
- ✓ 4. Create worklist. Data path name: 61417 mdq pl

ANALYTIC

- ✓ 1. Remove standards plate, blood, and samples from cold storage. Allow to reach room temperature.
- ✓ 2. Pipette **250 µL blood** in wells of analytical (standards) plate. Mix via aspirate and dispense.
 - Blank blood for locations containing standards/QCs and internal standards
 - Sample blood for locations containing only internal standards
- ✓ 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. Shaker ID 66759
- ✓ 4. Pipette **250 µL 0.5M ammonium hydroxide** buffer in wells of analytical (standards) plate.
- ✓ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ✓ 6. Transfer **300 µL of blood+base** mixture to corresponding wells of SLE+ plate.
- ✓ 7. Apply positive pressure for approx. 4 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100PSI- Selector to Right) Wait 5 min.
- ✓ 8. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- ✓ 9. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
- ✓ 10. Add **900 µL ethyl acetate** and allow to flow for 5 minutes under gravity.
- ✓ 11. Apply positive pressure for approx. 15 seconds. **(~10-15 PSI - Selector to the left)**
12. Remove plate containing eluate. Place on **SPE Dry** and evaporate to dryness at approx. 35°C.
SPE Dry ID 66819
- ✓ 13. Reconstitute in **100 µL 20% MeOH** and seal plate with foil. Place in autosampler and run worklist.

POST-ANALYTIC

- ✓ 1. Open quantitation software and create a new quantitation batch.
Batch name: ~~mdqpl~~ 61417 mdqpl, 61417 m
- ✓ 2. Make any necessary changes. Limit curves based on validated linear ranges.
- ✓ 3. Were all appropriate standards used in the curve for each analyte? Y/N
Are r² values ≥0.98 for each analyte? Y/N
- ✓ 4. For unknown samples, are the response ratios for each analyte within ± 20% of the average ratios of the standards and QC's? Y/N
- ✓ 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:

Evaluated lorazepam 5-250

Evaluated buprenorphine 15-500*

Evaluated Naloxone and Naltrexol 5-500

ISP FORENSICS - Cd'A Instrument # 62340

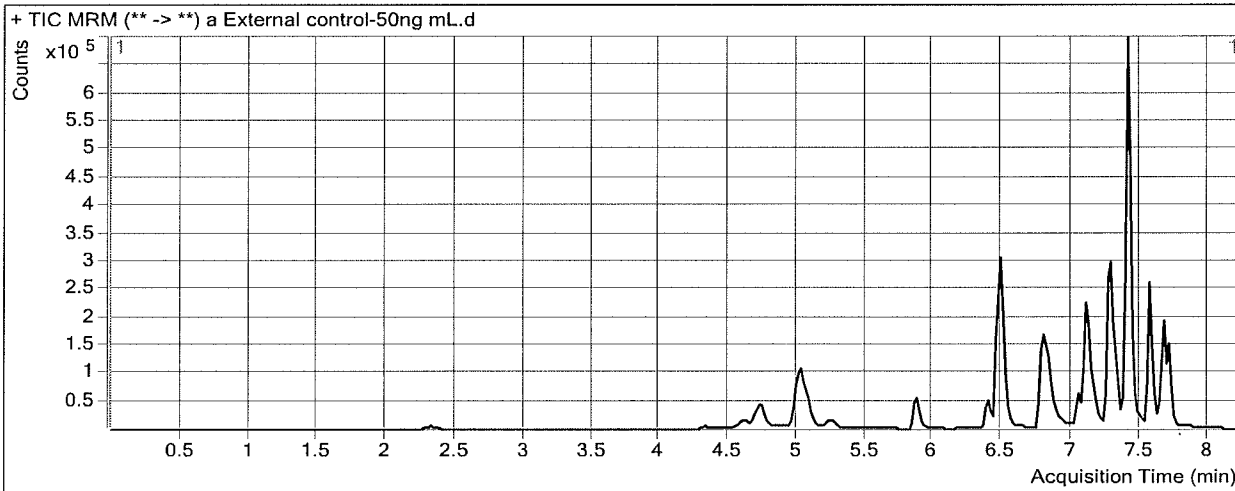
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 20:44 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; lot 81017 50 ng hydrocodone, diphenhydramine, lorazepam

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.744	36799	55938	0.6579	1.6701 <5
Hydrocodone	Hydrocodone-D6	5.035	155156	150475	1.0311	<u>55.8180</u>
7-aminoclonazepam	7-Aminoclonazepam-D4	6.453	1345	110438	0.0122	0.2718 <5
Citalopram	Citalopram-D6	7.378	5323	351716	0.0151	2.0880 <5
Diphenhydramine	Diphenhydramine-D3	7.412	790791	674651	1.1721	<u>59.4707</u>
Lorazepam	Alprazolam-D5	7.703	24969	231629	0.1078	<u>58.8250</u>

ISP FORENSICS - Cd'A Instrument # 62340

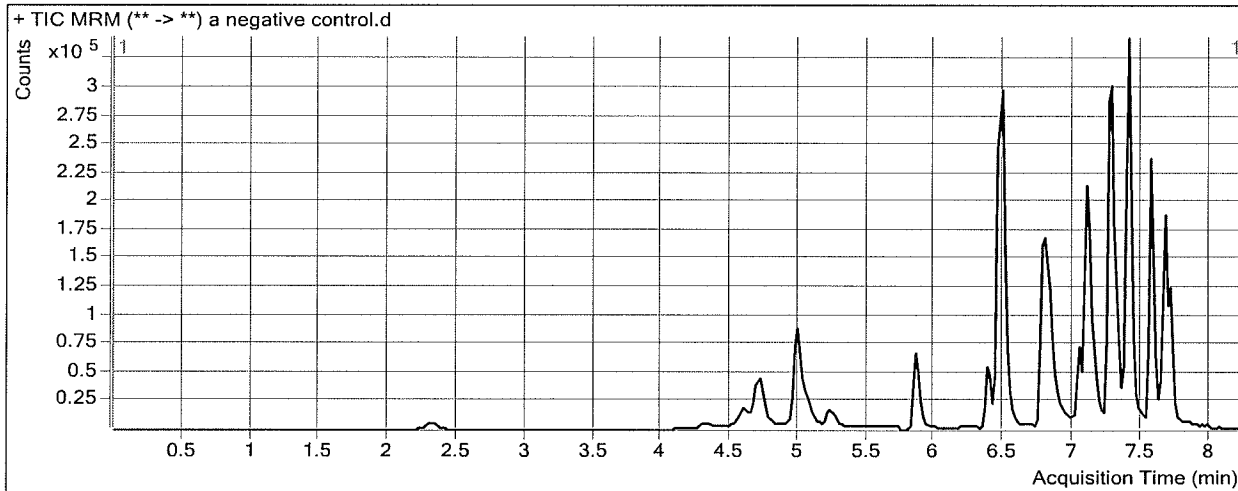
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 20:18 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-G2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.724	40753	73600	0.5537	0.4060 < 5
7-aminoclonazepam	7-Aminoclonazepam-D4	6.431	2446	107738	0.0227	0.7631 < 5
Zolpidem	Zolpidem-D6	7.122	5133	699446	0.0073	0.8543 < 5
Citalopram	Citalopram-D6	7.378	5245	368680	0.0142	2.0473 < 5
Diphenhydramine	Diphenhydramine-D3	7.432	10878	584941	0.0186	1.1113 < 5
Promethazine	Promethazine-D3	7.567	7804	591220	0.0132	1.3183 < 5

ISP FORENSICS - Cd'A Instrument # 62340

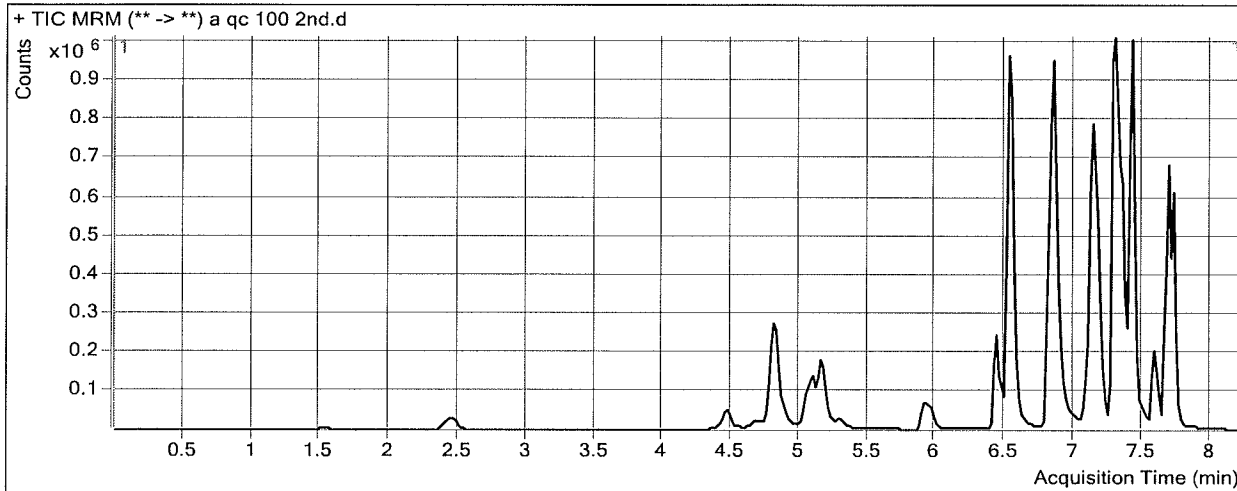
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 06:14 **Data File** a qc 100 2nd.d
Sample Type QC **Sample Name** a qc 100 2nd
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.548	23756	2348	10.1173	88.5704
Hydromorphone	Hydromorphone-D6	2.447	110609	36375	3.0408	100.8959
Codeine	Codeine-D6	4.473	62554	25066	2.4955	101.1461
Amphetamine	Amphetamine-D11	4.824	551384	59153	9.3213	106.8208
Oxycodone	Oxycodone-D6	4.830	355730	145112	2.4514	103.2396
Hydrocodone	Hydrocodone-D6	5.095	206831	113283	1.8258	97.6948
Norhydrocodone	Norhydrocodone-D3	5.159	15891	47074	0.3376	101.6243
Methamphetamine	Methamphetamine-D11	5.162	499069	182815	2.7299	95.6137
6-MAM	6-MAM-D6	5.309	9173	39824	0.2303	9.5446
Phentermine	Phentermine-D5	5.966	135932	234520	0.5796	95.4777
Dextroprphan	Dextroprphan-D3	6.441	229422	179356	1.2791	99.5043
Tramadol	Tramadol-13C-D3	6.540	2015446	987833	2.0403	100.7402
7-aminoclonazepam	7-Aminoclonazepam-D4	6.515	233784	103592	2.2568	105.0142
Doxylamine	Doxylamine-D5	6.843	1613416	984504	1.6388	83.6806
Bupropion	Bupropion-D9	7.091	201538	96025	2.0988	100.5990
Zolpidem	Zolpidem-D6	7.142	1418692	758169	1.8712	105.4105
Meprobamate	Meprobamate-D7	7.193	138813	74450	1.8645	95.8249
Venlafaxine	Venlafaxine-D6	7.306	1721658	824634	2.0878	103.8436
Trazodone	Trazodone-D6	7.336	705563	342209	2.0618	87.1563
Citalopram	Citalopram-D6	7.398	592596	310652	1.9076	86.8185
Dextromethorphan	Dextromethorphan-D3	7.428	103554	48730	2.1251	100.6064
Diphenhydramine	Diphenhydramine-D3	7.432	964056	433382	2.2245	112.7098
Promethazine	Promethazine-D3	7.587	278505	141698	1.9655	103.5546

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

a qc 100
and

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	102147	14765	6.9181	96.6504
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	50745	21063	2.4092	100.8582
Carisoprodol	Carisoprodol-D7	7.693	608076	366686	1.6583	98.6959
Lorazepam	Alprazolam-D5	7.703	38873	219051	0.1775	96.7215
Alprazolam	Alprazolam-D5	7.727	534660	219051	2.4408	98.3638

ISP FORENSICS - Cd'A Instrument # 62340

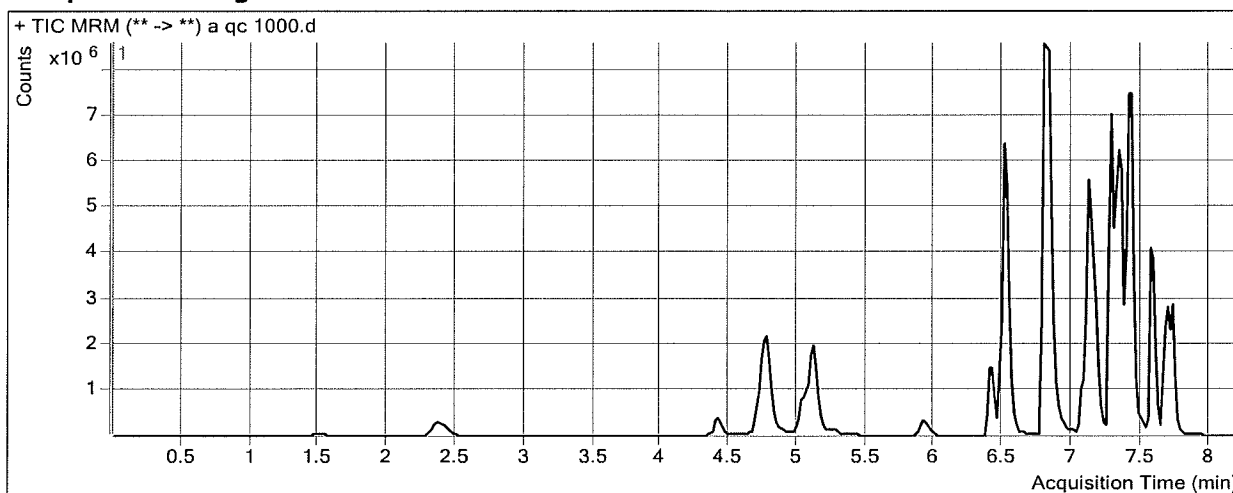
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 05:48 **Data File** a qc 1000.d
Sample Type QC **Sample Name** a qc 1000
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.508	252643	1896	133.2514	1160.5768
Hydromorphone	Hydromorphone-D6	2.387	1321056	40042	32.9920	1087.6057
Codeine	Codeine-D6	4.415	518644	18463	28.0905	1133.2878
Amphetamine	Amphetamine-D11	4.764	5339666	77146	69.2147	833.7635
Oxycodone	Oxycodone-D6	4.770	3765805	162074	23.2351	965.3338
Hydrocodone	Hydrocodone-D6	5.055	2058468	121544	16.9361	893.9426
Norhydrocodone	Norhydrocodone-D3	5.118	141974	38777	3.6613	1097.8246
Methamphetamine	Methamphetamine-D11	5.121	6473883	231432	27.9731	993.3771
6-MAM	6-MAM-D6	5.268	94537	36451	2.5935	107.0779
Phentermine	Phentermine-D5	5.926	1258200	222683	5.6502	929.4303
Dextrophan	Dextrophan-D3	6.403	2093436	156624	13.3660	1033.8486
Tramadol	Tramadol-13C-D3	6.501	18864668	893013	21.1247	1040.2862
7-aminoclonazepam	7-Aminoclonazepam-D4	6.495	1716514	86311	19.8876	927.7381
Doxylamine	Doxylamine-D5	6.822	18449438	955618	19.3063	988.7743
Bupropion	Bupropion-D9	7.091	2461661	124599	19.7567	943.5531
Zolpidem	Zolpidem-D6	7.122	13018182	689732	18.8742	1059.2177
Meprobamate	Meprobamate-D7	7.173	1213100	57639	21.0465	1065.0819
Venlafaxine	Venlafaxine-D6	7.286	16236068	758376	21.4090	1072.0368
Trazodone	Trazodone-D6	7.336	9858820	405263	24.3270	1016.9531
Citalopram	Citalopram-D6	7.378	6541492	315652	20.7237	929.2699
Dextromethorphan	Dextromethorphan-D3	7.408	1570540	74385	21.1136	990.5206
Diphenhydramine	Diphenhydramine-D3	7.432	12299329	576112	21.3489	1080.2309
Promethazine	Promethazine-D3	7.567	9290785	496585	18.7094	980.3940

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

a qc 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	786253	9843	79.8832	1103.6501
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	433598	15308	28.3242	1175.0564
Carisoprodol	Carisoprodol-D7	7.693	3344922	192651	17.3626	1029.4048
Lorazepam	Alprazolam-D5	7.703	395336	125639	3.1466	1711.9077
Alprazolam	Alprazolam-D5	7.727	3301295	125639	26.2761	1051.5147

*Not in
Range of
curve.*
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A

ISP FORENSICS - Cd'A Instrument # 62340

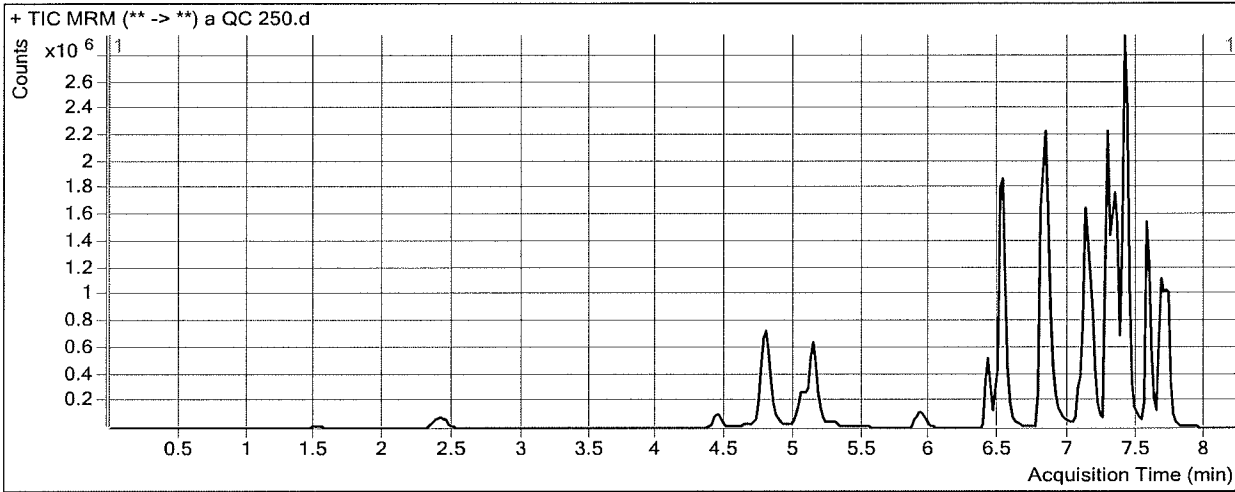
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 03:42 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.528	65356	2540	25.7328	224.5189
Hydromorphone	Hydromorphone-D6	2.407	323788	41016	7.8942	260.7880
Codeine	Codeine-D6	4.432	145912	23407	6.2338	251.8956
Amphetamine	Amphetamine-D11	4.784	1723425	80255	21.4743	254.3247
Oxycodone	Oxycodone-D6	4.810	819382	154762	5.2945	221.1678
Hydrocodone	Hydrocodone-D6	5.075	545597	120023	4.5458	241.0261
Norhydrocodone	Norhydrocodone-D3	5.138	38379	42586	0.9012	270.5629
Methamphetamine	Methamphetamine-D11	5.141	1794844	230198	7.7970	275.8208
6-MAM	6-MAM-D6	5.289	21952	37581	0.5841	24.1457
Phentermine	Phentermine-D5	5.946	380324	260880	1.4579	239.9210
Dextropropion	Dextropropion-D3	6.423	590263	173861	3.3950	263.0687
Tramadol	Tramadol-13C-D3	6.521	4940516	885517	5.5792	274.9670
7-aminoclonazepam	7-Aminoclonazepam-D4	6.495	577454	104727	5.5139	257.0037
Doxylamine	Doxylamine-D5	6.822	5006424	974506	5.1374	262.9110
Bupropion	Bupropion-D9	7.091	700930	132593	5.2863	252.7649
Zolpidem	Zolpidem-D6	7.122	3431848	735107	4.6685	262.3283
Meprobamate	Meprobamate-D7	7.173	304273	64898	4.6885	238.5196
Venlafaxine	Venlafaxine-D6	7.286	4320897	820731	5.2647	263.0397
Trazodone	Trazodone-D6	7.336	2513926	454305	5.5336	232.1381
Citalopram	Citalopram-D6	7.378	2273817	440720	5.1593	232.4078
Dextromethorphan	Dextromethorphan-D3	7.408	474766	86820	5.4684	257.2929
Diphenhydramine	Diphenhydramine-D3	7.432	3554436	689987	5.1515	260.7877
Promethazine	Promethazine-D3	7.567	2842569	610087	4.6593	244.6231

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

a qc 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	238833	11716	20.3855	282.5162
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	112262	19413	5.7830	240.7063
Carisoprodol	Carisoprodol-D7	7.693	1284063	294158	4.3652	259.1198
Lorazepam	Alprazolam-D5	7.703	92039	183232	0.5023	273.4335
Alprazolam	Alprazolam-D5	7.727	1166356	183232	6.3655	255.3077

ISP FORENSICS - Cd'A Instrument # 62340

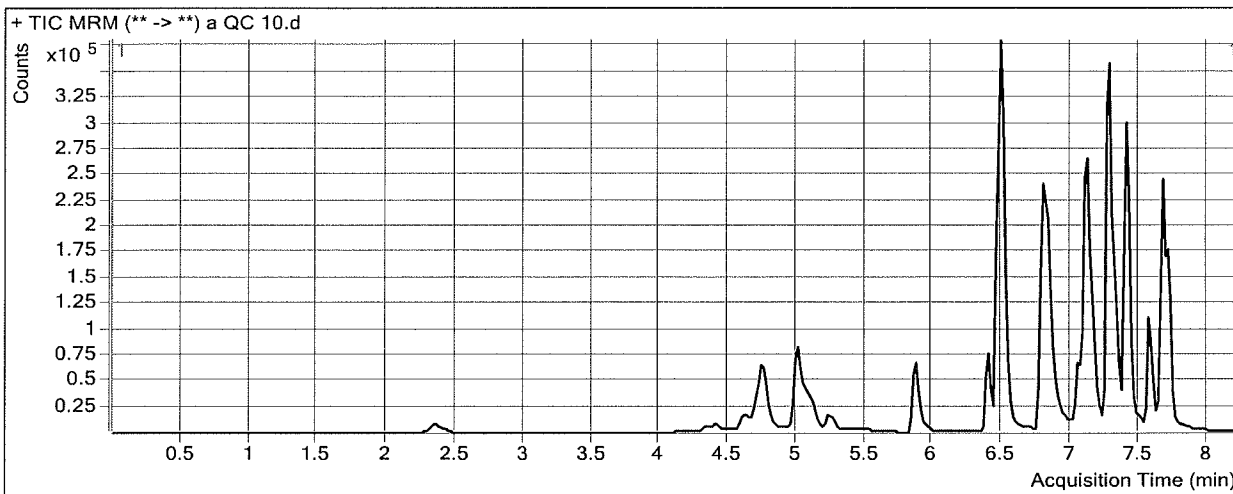
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin		
Analysis Time	6/19/2017 9:58 AM	Analyst Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Reporter Name	ISP Tox
Last Calib Update	6/19/2017 9:58 AM	Batch State	Processed

Analysis Info

Acq Time	2017-06-14 21:09	Data File	a QC 10.d
Sample Type	QC	Sample Name	a QC 10
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	PI-A2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.508	2532	2568	0.9862	9.0746
Hydromorphone	Hydromorphone-D6	2.367	11861	41863	0.2833	10.0542
Codeine	Codeine-D6	4.415	5744	25721	0.2233	9.5172
Amphetamine	Amphetamine-D11	4.764	101787	66157	1.5386	12.3597
Oxycodone	Oxycodone-D6	4.770	29614	159980	0.1851	9.2341
Hydrocodone	Hydrocodone-D6	5.055	20701	127544	0.1623	10.0357
Norhydrocodone	Norhydrocodone-D3	5.098	1638	50071	0.0327	10.2488
Methamphetamine	Methamphetamine-D11	5.121	55665	198326	0.2807	8.5075
6-MAM	6-MAM-D6	5.248	901	42261	0.0213	0.9182
Phentermine	Phentermine-D5	5.926	13656	250106	0.0546	9.1286
Dextroprphan	Dextroprphan-D3	6.403	21446	169601	0.1264	10.3982
Tramadol	Tramadol-13C-D3	6.501	206461	999286	0.2066	10.4673
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	25198	116120	0.2170	9.8295
Doxylamine	Doxylamine-D5	6.822	165021	892062	0.1850	9.2022
Bupropion	Bupropion-D9	7.071	35825	170877	0.2097	10.4145
Zolpidem	Zolpidem-D6	7.122	135406	756732	0.1789	10.4803
Meprobamate	Meprobamate-D7	7.173	13348	73239	0.1823	10.8205
Venlafaxine	Venlafaxine-D6	7.266	155958	738897	0.2111	9.8006
Trazodone	Trazodone-D6	7.315	62593	246839	0.2536	11.6453
Citalopram	Citalopram-D6	7.378	55979	269710	0.2076	10.7032
Dextromethorphan	Dextromethorphan-D3	7.408	9582	49787	0.1925	10.0330
Diphenhydramine	Diphenhydramine-D3	7.432	88307	434252	0.2034	10.4583
Promethazine	Promethazine-D3	7.567	40821	208743	0.1956	10.8680

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

ac
a cat 10
a

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	9151	13316	0.6872	10.6570
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	5150	21802	0.2362	10.7885
Carisoprodol	Carisoprodol-D7	7.672	65358	407922	0.1602	9.9127
Lorazepam	Alprazolam-D5	7.703	4375	239557	0.0183	10.1182
Alprazolam	Alprazolam-D5	7.727	55545	239557	0.2319	10.0302

ISP FORENSICS - Cd'A Instrument # 62340

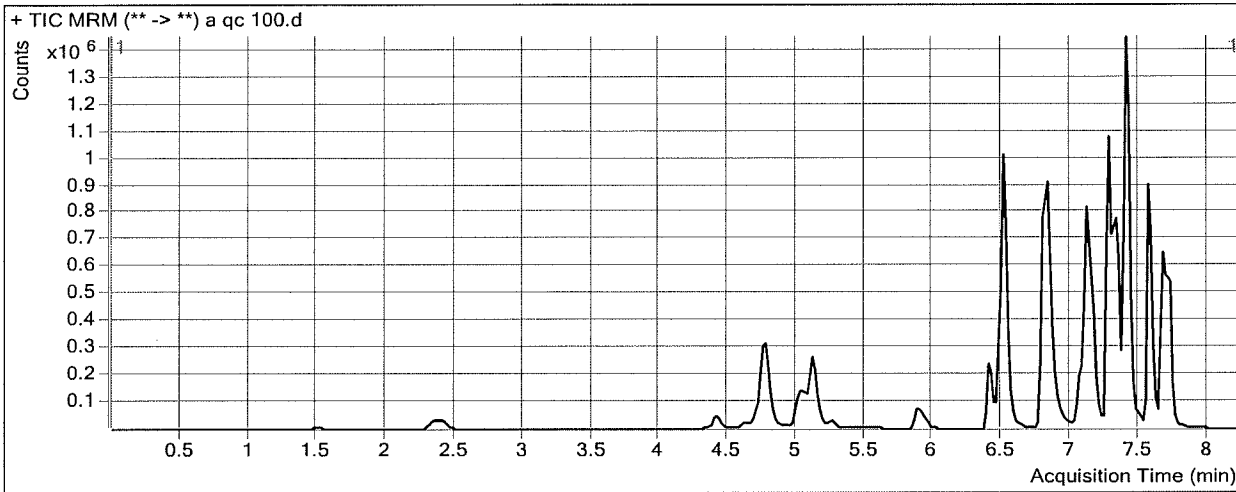
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 23:54 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.508	27912	2839	9.8319	86.0855
Hydromorphone	Hydromorphone-D6	2.387	141375	45024	3.1400	104.1644
Codeine	Codeine-D6	4.415	64640	25154	2.5697	104.1381
Amphetamine	Amphetamine-D11	4.764	742269	73517	10.0965	116.2301
Oxycodone	Oxycodone-D6	4.790	333766	156698	2.1300	89.9067
Hydrocodone	Hydrocodone-D6	5.055	228999	124986	1.8322	98.0324
Norhydrocodone	Norhydrocodone-D3	5.118	15790	47458	0.3327	100.1709
Methamphetamine	Methamphetamine-D11	5.121	771943	232059	3.3265	116.8306
6-MAM	6-MAM-D6	5.268	8618	39473	0.2183	9.0486
Phentermine	Phentermine-D5	5.926	152981	256348	0.5968	98.2989
Dextroprphan	Dextroprphan-D3	6.403	233582	167793	1.3921	108.2356
Tramadol	Tramadol-13C-D3	6.501	1809016	963839	1.8769	92.6967
7-aminoclonazepam	7-Aminoclonazepam-D4	6.495	254177	111590	2.2778	105.9934
Doxylamine	Doxylamine-D5	6.822	1705527	825021	2.0673	105.6295
Bupropion	Bupropion-D9	7.091	369370	166285	2.2213	106.4470
Zolpidem	Zolpidem-D6	7.122	1459489	750255	1.9453	109.5681
Meprobamate	Meprobamate-D7	7.173	137916	74680	1.8467	94.9269
Venlafaxine	Venlafaxine-D6	7.286	1703909	775145	2.1982	109.3755
Trazodone	Trazodone-D6	7.336	997220	451832	2.2071	93.2229
Citalopram	Citalopram-D6	7.378	949548	450332	2.1086	95.8161
Dextromethorphan	Dextromethorphan-D3	7.408	215393	101417	2.1238	100.5483
Diphenhydramine	Diphenhydramine-D3	7.432	1481416	714274	2.0740	105.0971
Promethazine	Promethazine-D3	7.567	1399661	731853	1.9125	100.7798

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	7.603	104387	13868	7.5270	105.0537
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	52100	21145	2.4639	103.1260
Carisoprodol	Carisoprodol-D7	7.693	621613	368756	1.6857	100.3195
Lorazepam	Alprazolam-D5	7.703	39375	223504	0.1762	96.0197
Alprazolam	Alprazolam-D5	7.727	557827	223504	2.4958	100.5638



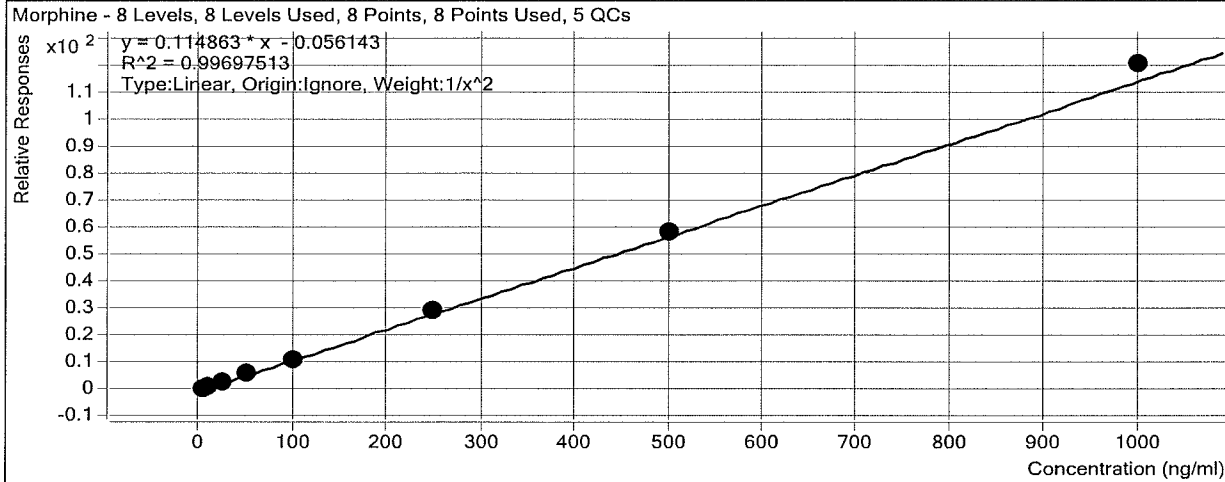
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



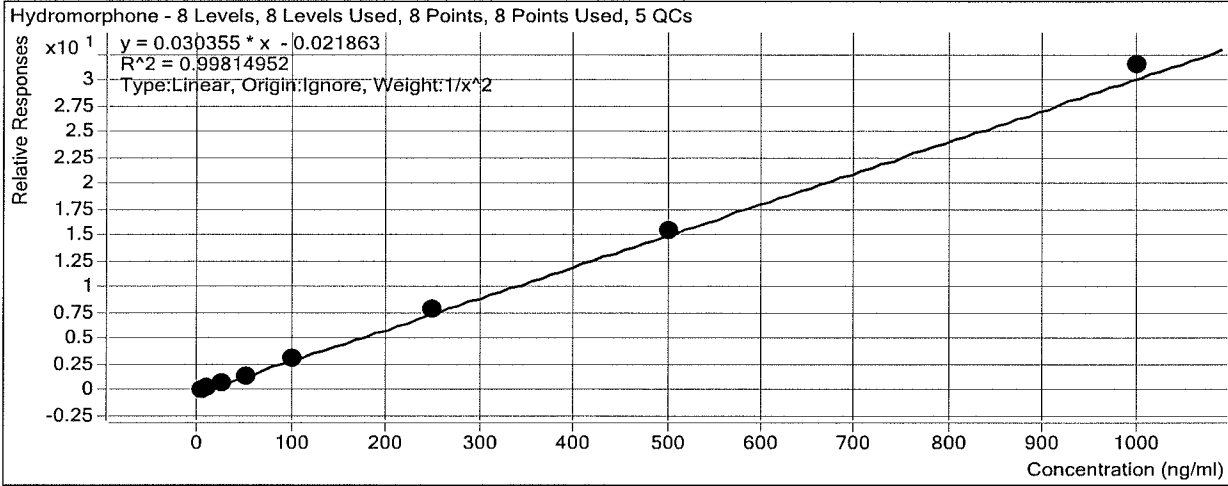
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a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	90.7
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	22.4	89.7
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	50.5	101.0
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	96.8	96.8
a qc 100	5	<input checked="" type="checkbox"/>	100	86.1	86.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	88.6	88.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	256.9	102.8
a QC 250	6	<input checked="" type="checkbox"/>	250	224.5	89.8
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	512.3	102.5
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1051.3	105.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1160.6	116.1

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

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



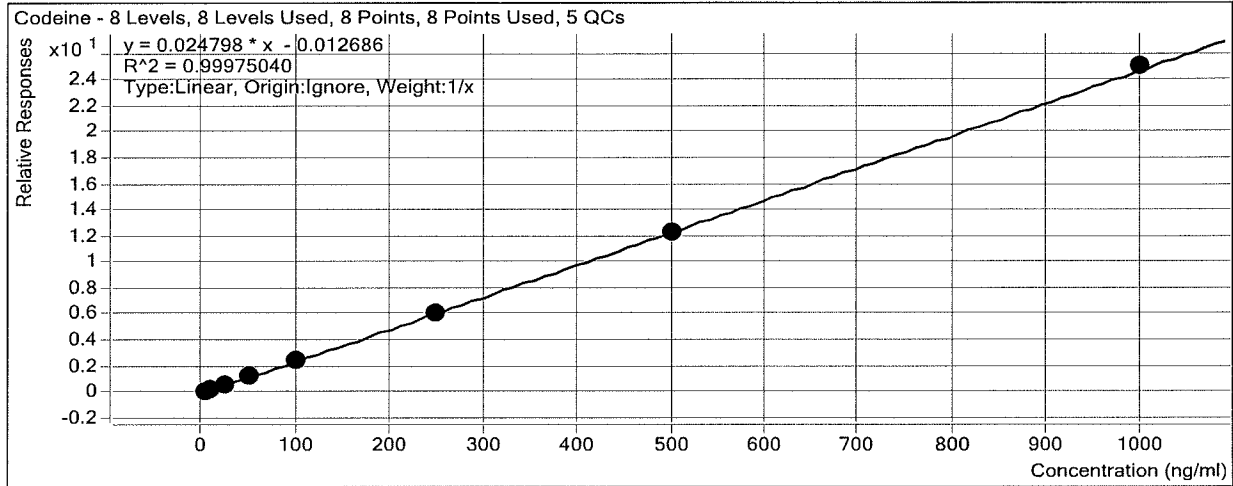
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.2	103.2
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.6	96.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.5
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	23.7	94.9
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	48.2	96.4
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a qc 100	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	257.9	103.2
a QC 250	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	514.7	102.9
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1038.6	103.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1087.6	108.8

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

Target Compound Codeine
Internal Standard Codeine-D6



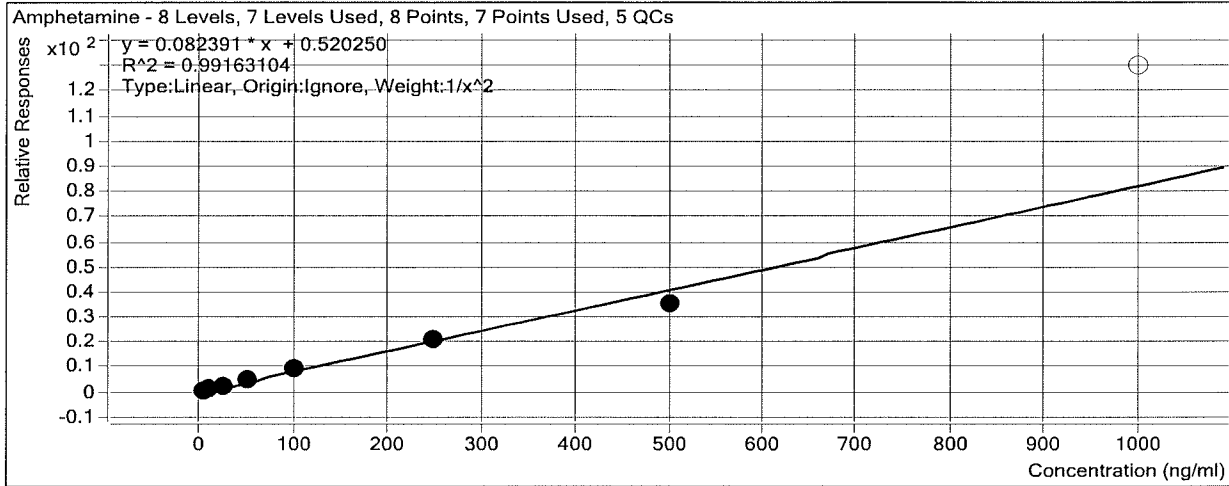
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a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.0	99.8
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.2
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	47.7	95.3
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	101.5	101.5
a qc 100	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	242.8	97.1
a QC 250	6	<input checked="" type="checkbox"/>	250	251.9	100.8
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	498.6	99.7
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1008.3	100.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1133.3	113.3

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	4.9	98.5
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	12.4	123.6
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	99.8
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	53.6	107.1
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	109.3	109.3
a qc 100	5	<input checked="" type="checkbox"/>	100	116.2	116.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	248.0	99.2
a QC 250	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	425.5	85.1
a cal 8-1000ng/mL	8	<input type="checkbox"/>	1000	1570.3	157.0
a qc 1000	8	<input type="checkbox"/>	1000	833.8	83.4

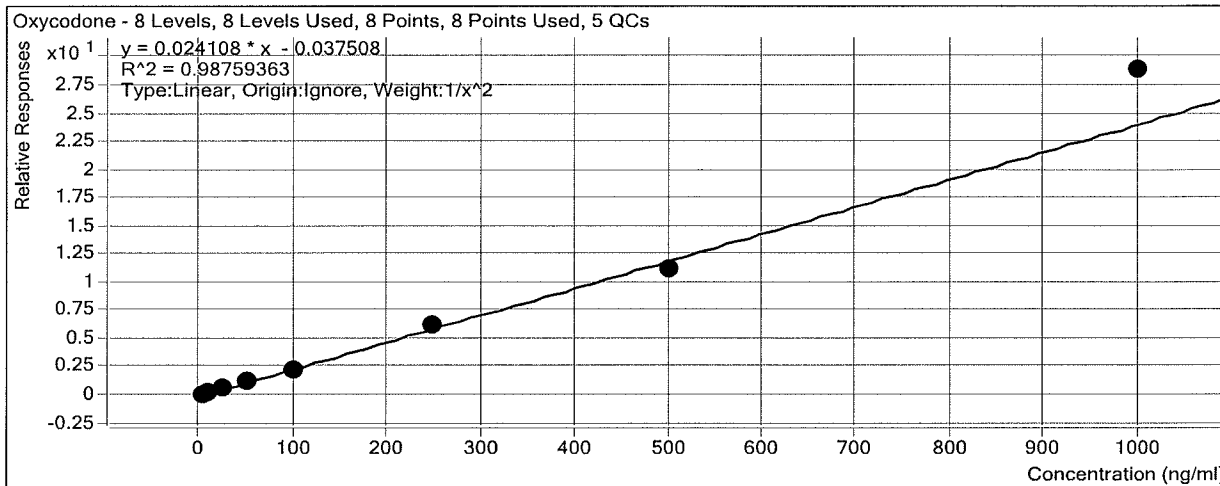
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.3	105.5
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.3	92.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.3
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	51.2	102.3
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	92.1	92.1
a qc 100	5	<input checked="" type="checkbox"/>	100	89.9	89.9
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	257.4	103.0
a QC 250	6	<input checked="" type="checkbox"/>	250	221.2	88.5
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	466.4	93.3
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1196.6	119.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	965.3	96.5

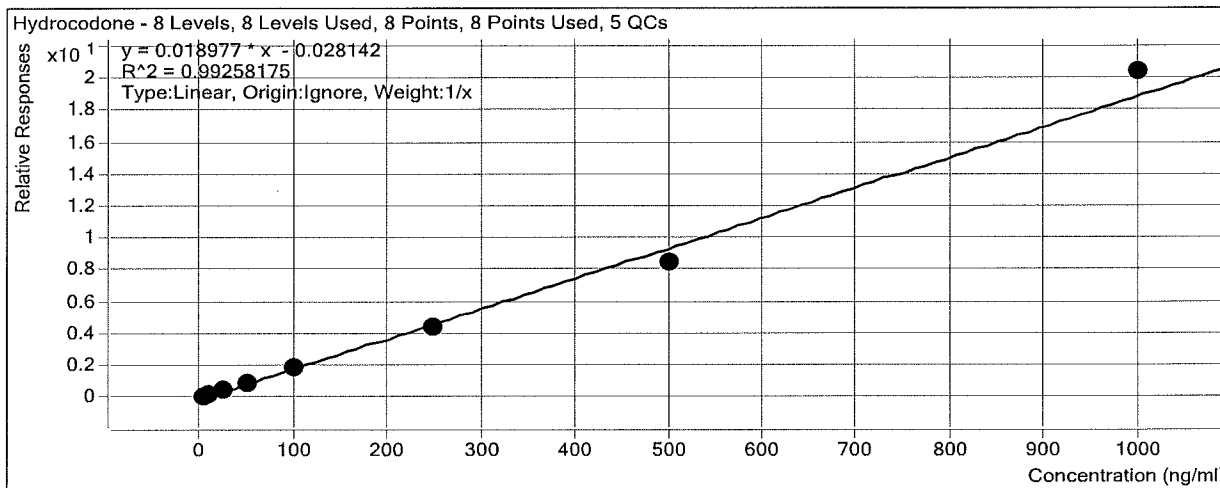
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

Target Compound Hydrocodone
Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.8	116.2
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.9	99.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	97.9
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	49.8	99.7
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a qc 100	5	<input checked="" type="checkbox"/>	100	98.0	98.0
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	97.7	97.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	233.2	93.3
a QC 250	6	<input checked="" type="checkbox"/>	250	241.0	96.4
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	444.3	88.9
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1075.3	107.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	893.9	89.4

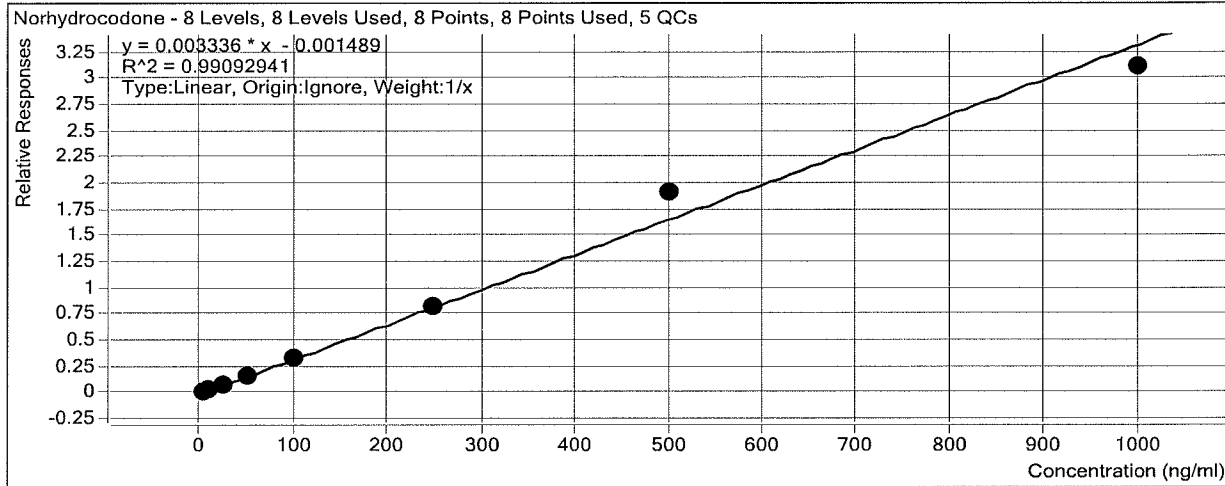
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.4	108.0
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.5
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	23.9	95.5
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	47.1	94.1
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	99.8	99.8
a qc 100	5	<input checked="" type="checkbox"/>	100	100.2	100.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	248.1	99.2
a QC 250	6	<input checked="" type="checkbox"/>	250	270.6	108.2
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	574.9	115.0
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	931.4	93.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1097.8	109.8

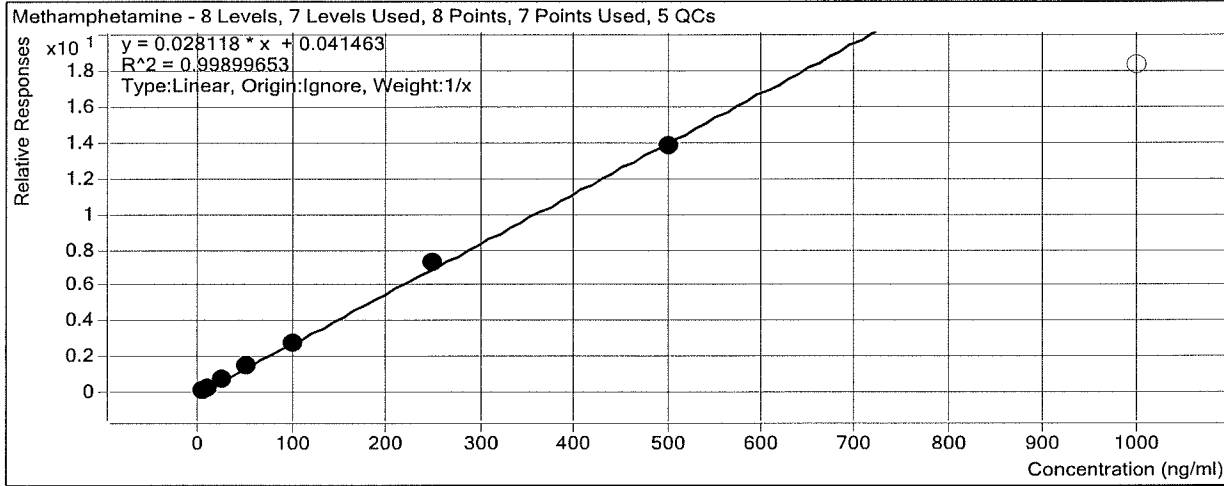
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.2	103.2
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	94.5
a QC 10	2	<input checked="" type="checkbox"/>	10	8.5	85.1
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.0
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	51.2	102.4
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a qc 100	5	<input checked="" type="checkbox"/>	100	116.8	116.8
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a QC 250	6	<input checked="" type="checkbox"/>	250	275.8	110.3
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	492.1	98.4
a cal 8-1000ng/mL	8	<input type="checkbox"/>	1000	651.5	65.1
a qc 1000	8	<input type="checkbox"/>	1000	993.4	99.3

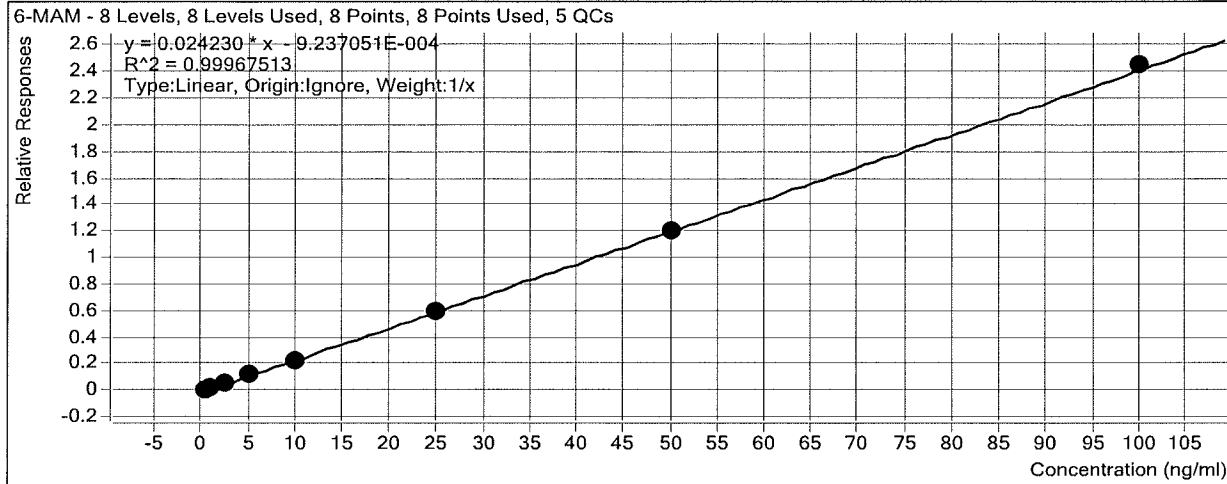
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 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/mL	1	<input checked="" type="checkbox"/>	0.5	0.6	111.9
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	1	1.0	98.3
a QC 10	2	<input checked="" type="checkbox"/>	1	0.9	91.8
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	2.5	2.4	98.0
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	5	4.9	97.8
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	10	9.4	94.4
a qc 100	5	<input checked="" type="checkbox"/>	10	9.0	90.5
a qc 100 2nd	5	<input checked="" type="checkbox"/>	10	9.5	95.4
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	25	24.6	98.5
a QC 250	6	<input checked="" type="checkbox"/>	25	24.1	96.6
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	50	50.0	100.1
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	100	101.0	101.0
a qc 1000	8	<input checked="" type="checkbox"/>	100	107.1	107.1

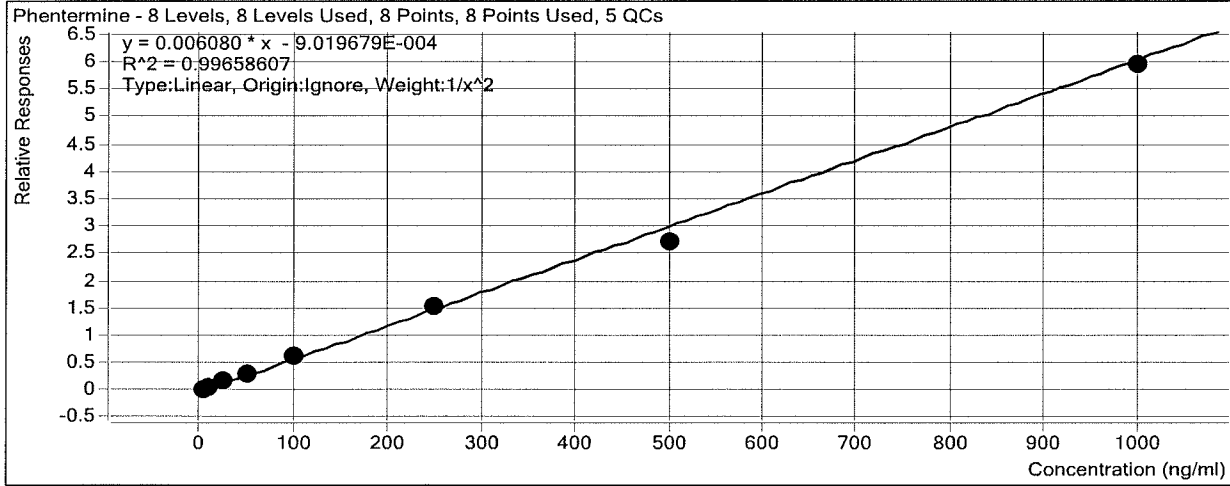
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.0	100.3
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.1	91.3
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	52.7	105.5
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	104.2	104.2
a qc 100	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	95.5	95.5
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	254.3	101.7
a QC 250	6	<input checked="" type="checkbox"/>	250	239.9	96.0
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	450.8	90.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	978.2	97.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	929.4	92.9

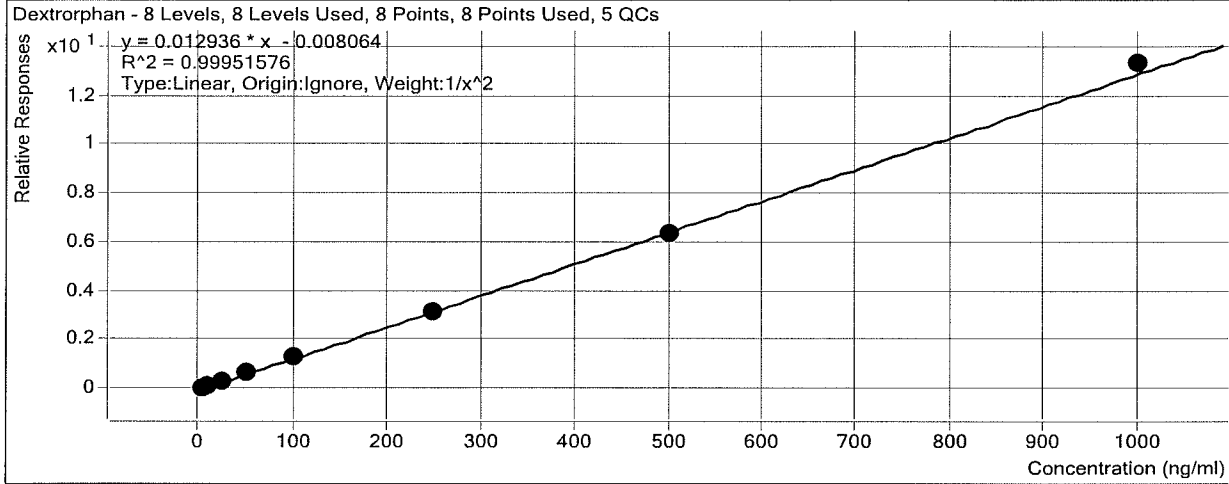
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



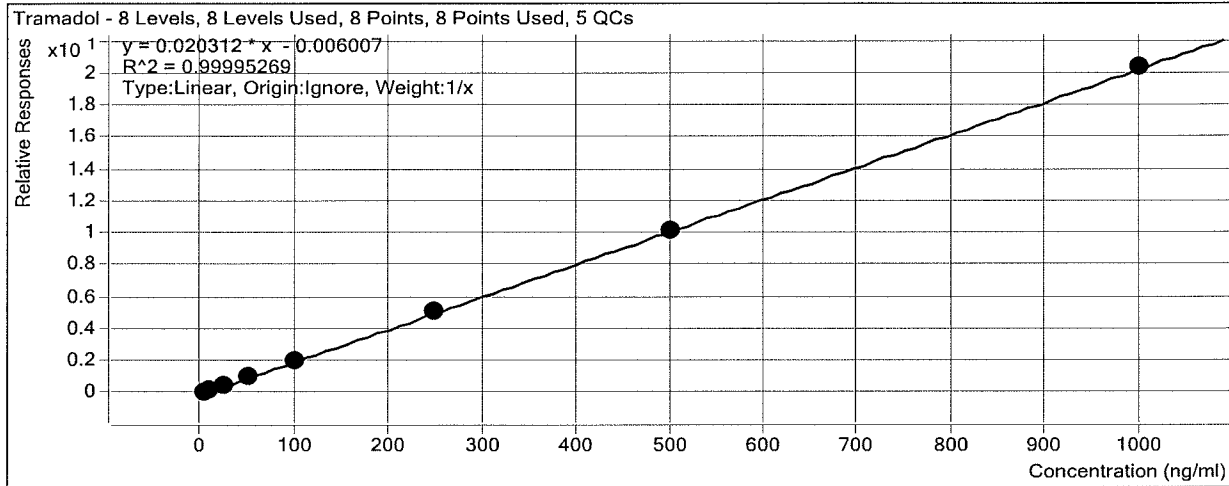
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	101.1
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.5
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	102.5	102.5
a qc 100	5	<input checked="" type="checkbox"/>	100	108.2	108.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	246.7	98.7
a QC 250	6	<input checked="" type="checkbox"/>	250	263.1	105.2
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	490.8	98.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1028.4	102.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1033.8	103.4

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 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/mL	1	<input checked="" type="checkbox"/>	5	5.4	108.0
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.4	94.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.7
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.7	98.6
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	49.9	99.8
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a qc 100	5	<input checked="" type="checkbox"/>	100	92.7	92.7
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	248.6	99.5
a QC 250	6	<input checked="" type="checkbox"/>	250	275.0	110.0
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	500.2	100.0
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1040.3	104.0

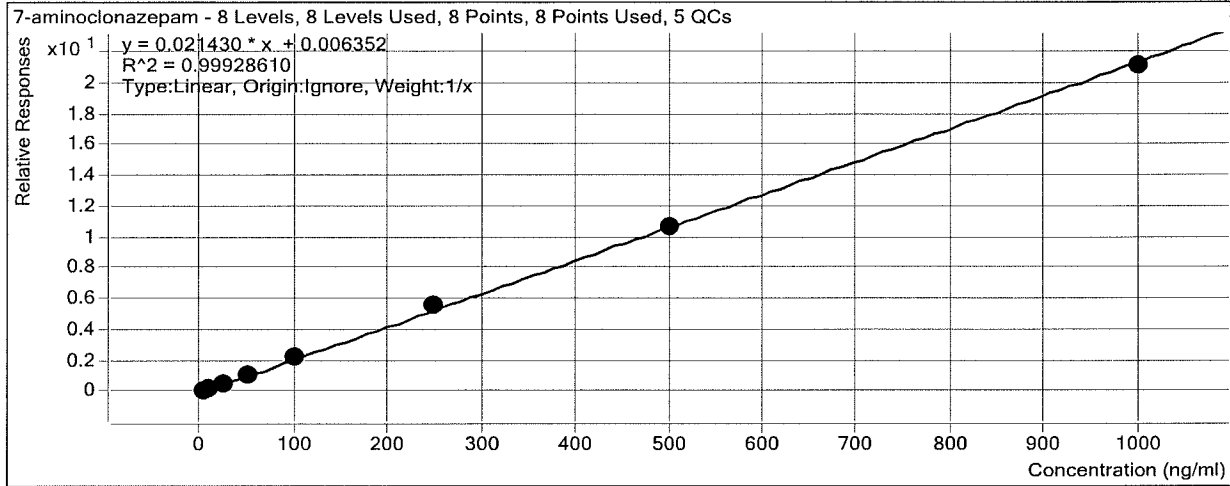
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



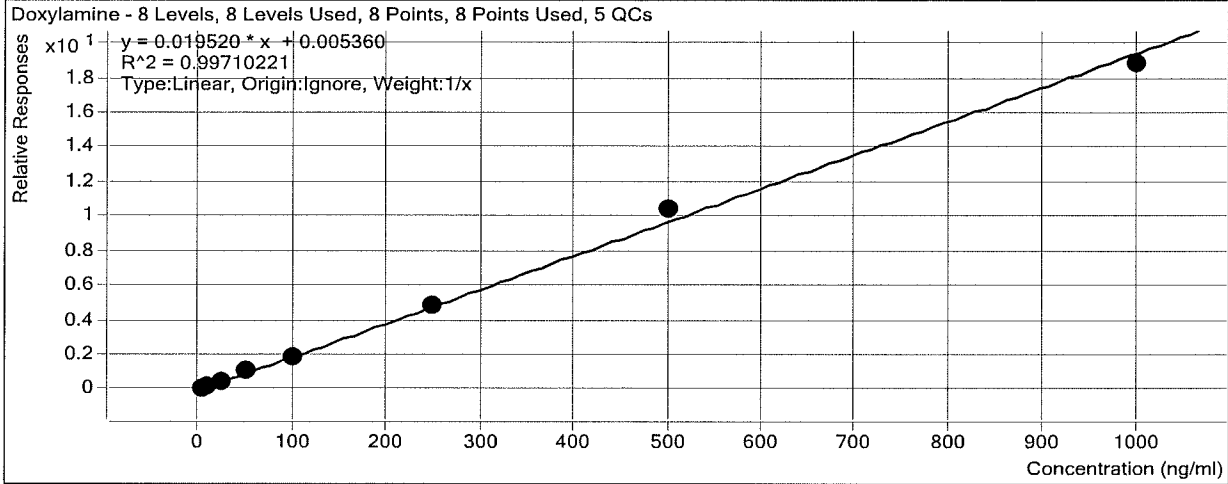
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	4.7	93.6
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.3
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	25.3	101.1
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	52.0	104.0
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a qc 100	5	<input checked="" type="checkbox"/>	100	106.0	106.0
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	105.0	105.0
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	260.5	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	257.0	102.8
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	499.1	99.8
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	983.0	98.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	927.7	92.8

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	101.2
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.1	91.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.2	92.0
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	56.9	113.9
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	97.3	97.3
a qc 100	5	<input checked="" type="checkbox"/>	100	105.6	105.6
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	83.7	83.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	249.1	99.6
a QC 250	6	<input checked="" type="checkbox"/>	250	262.9	105.2
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	535.8	107.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	963.3	96.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	988.8	98.9

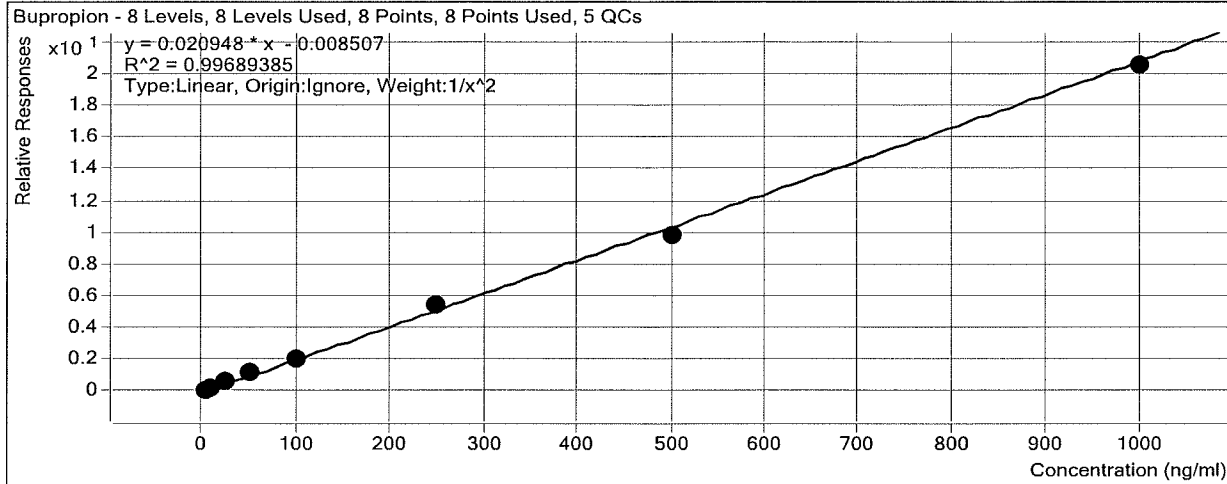
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



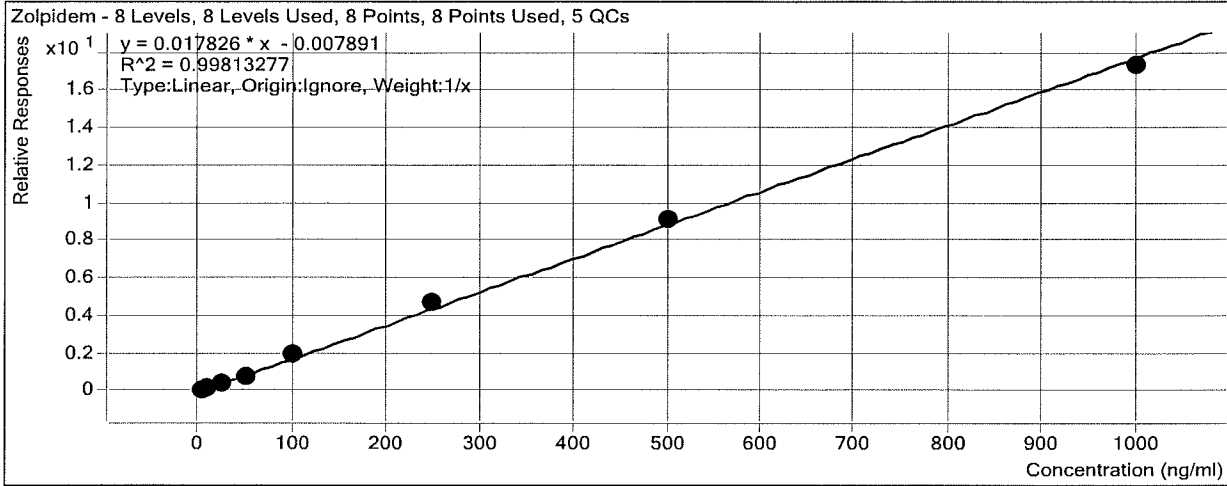
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.0	100.9
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.5	95.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.1
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	26.2	104.7
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	53.3	106.6
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a qc 100	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	261.3	104.5
a QC 250	6	<input checked="" type="checkbox"/>	250	252.8	101.1
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	470.8	94.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	980.4	98.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	943.6	94.4

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

Target Compound *Zolpidem*
Internal Standard *Zolpidem-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.8
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	98.2
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	44.2	88.5
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	107.9	107.9
a qc 100	5	<input checked="" type="checkbox"/>	100	109.6	109.6
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	105.4	105.4
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	265.1	106.0
a QC 250	6	<input checked="" type="checkbox"/>	250	262.3	104.9
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	511.9	102.4
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	971.5	97.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1059.2	105.9

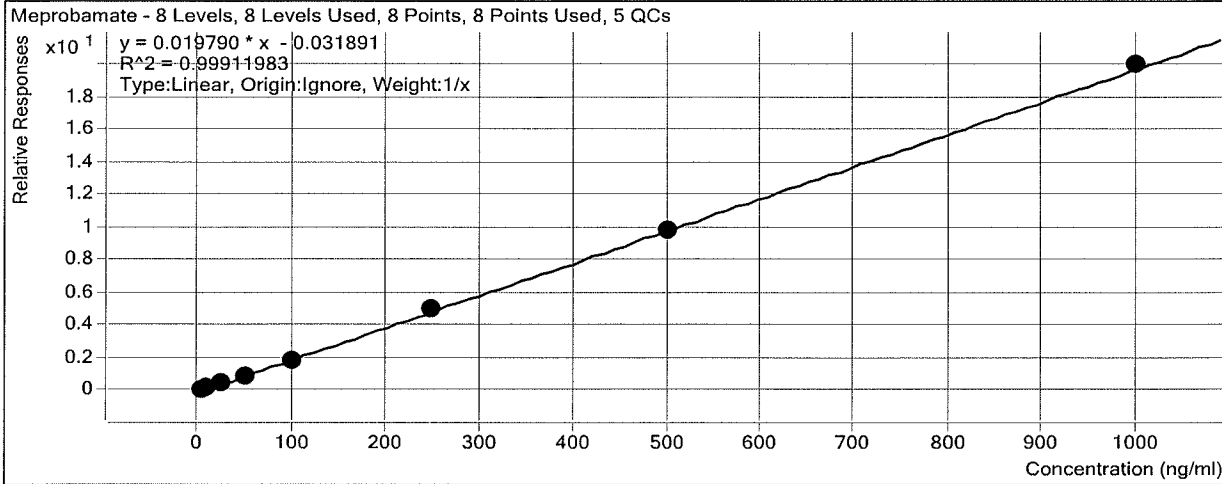
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	6.3	126.4
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.2
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	21.6	86.3
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	46.5	93.1
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	94.8	94.8
a qc 100	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	254.5	101.8
a QC 250	6	<input checked="" type="checkbox"/>	250	238.5	95.4
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	495.9	99.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1010.6	101.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1065.1	106.5

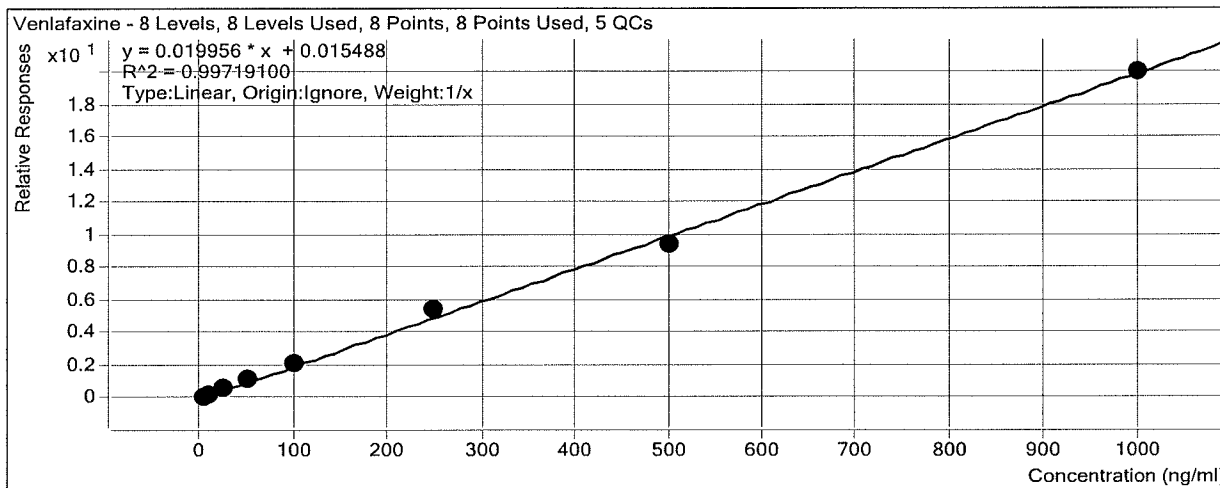
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
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Analyst Name ISP TOX

Target Compound Venlafaxine
Internal Standard Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	4.1	81.4
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.4	94.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	26.0	104.1
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	55.7	111.4
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a qc 100	5	<input checked="" type="checkbox"/>	100	109.4	109.4
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	270.6	108.2
a QC 250	6	<input checked="" type="checkbox"/>	250	263.0	105.2
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	468.9	93.8
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	998.4	99.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1072.0	107.2

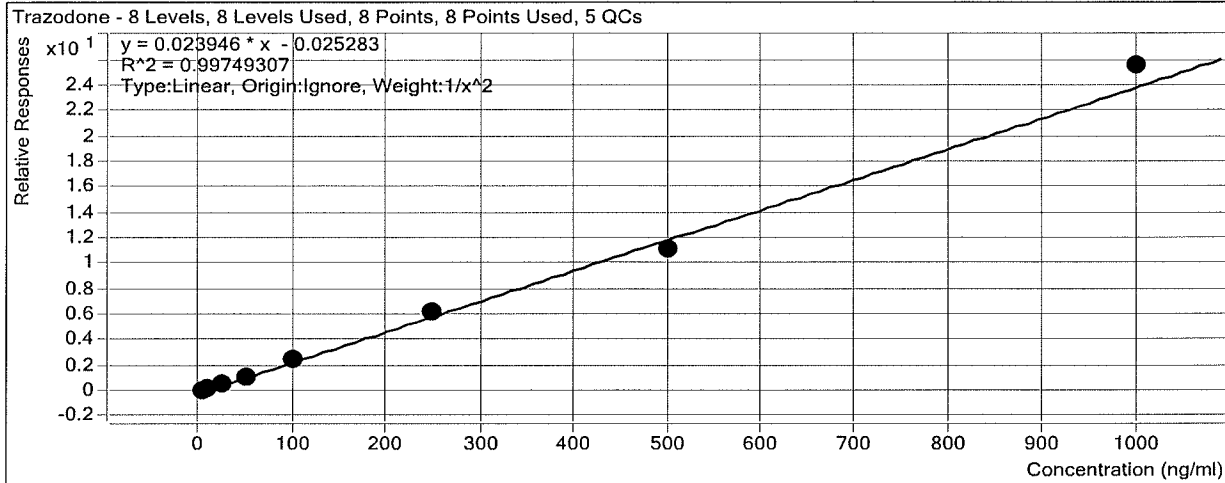
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



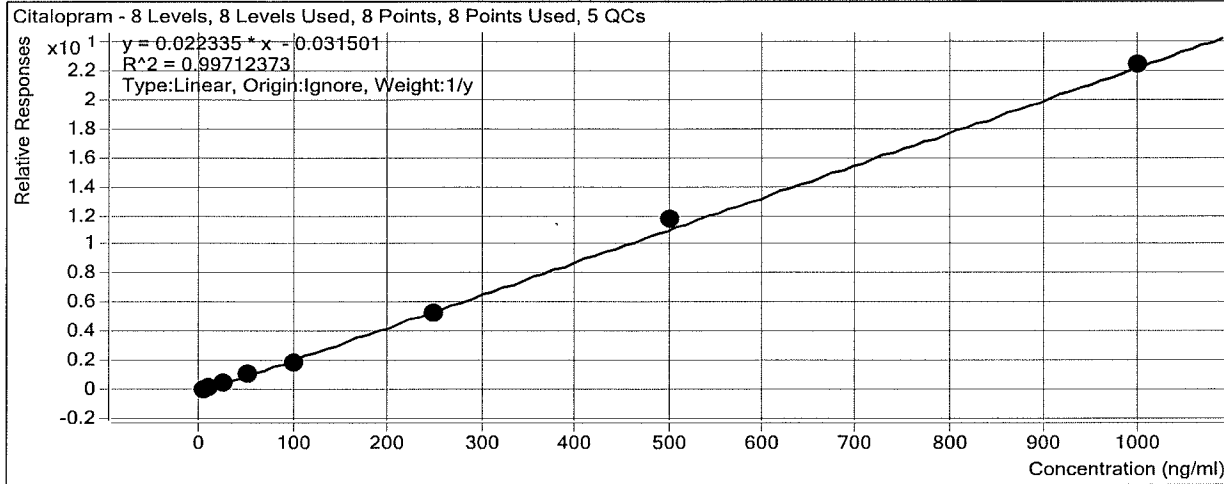
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	102.0
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a QC 10	2	<input checked="" type="checkbox"/>	10	11.6	116.5
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.5	97.8
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	48.4	96.8
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	102.8	102.8
a qc 100	5	<input checked="" type="checkbox"/>	100	93.2	93.2
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	87.2	87.2
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	258.2	103.3
a QC 250	6	<input checked="" type="checkbox"/>	250	232.1	92.9
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	467.4	93.5
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1066.4	106.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1017.0	101.7

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.7	113.8
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	10.3	102.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.0
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.4
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	50.8	101.6
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	84.9	84.9
a qc 100	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	86.8	86.8
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	237.3	94.9
a QC 250	6	<input checked="" type="checkbox"/>	250	232.4	93.0
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	528.6	105.7
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1003.2	100.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	929.3	92.9

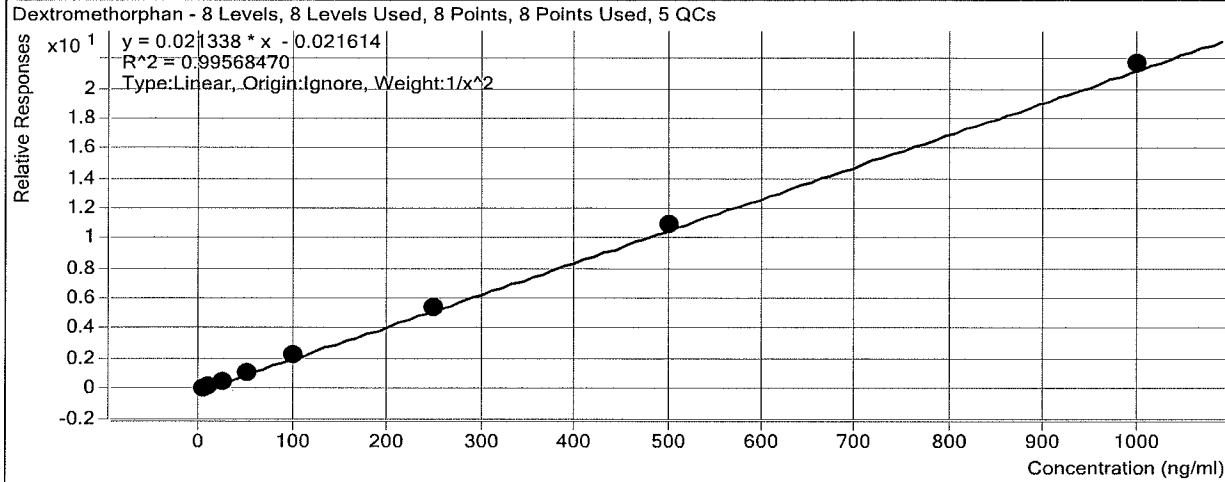
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.3	106.3
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	8.9	89.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	23.5	94.0
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	49.5	99.1
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	104.5	104.5
a qc 100	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	256.1	102.5
a QC 250	6	<input checked="" type="checkbox"/>	250	257.3	102.9
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	513.4	102.7
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1017.0	101.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	990.5	99.1

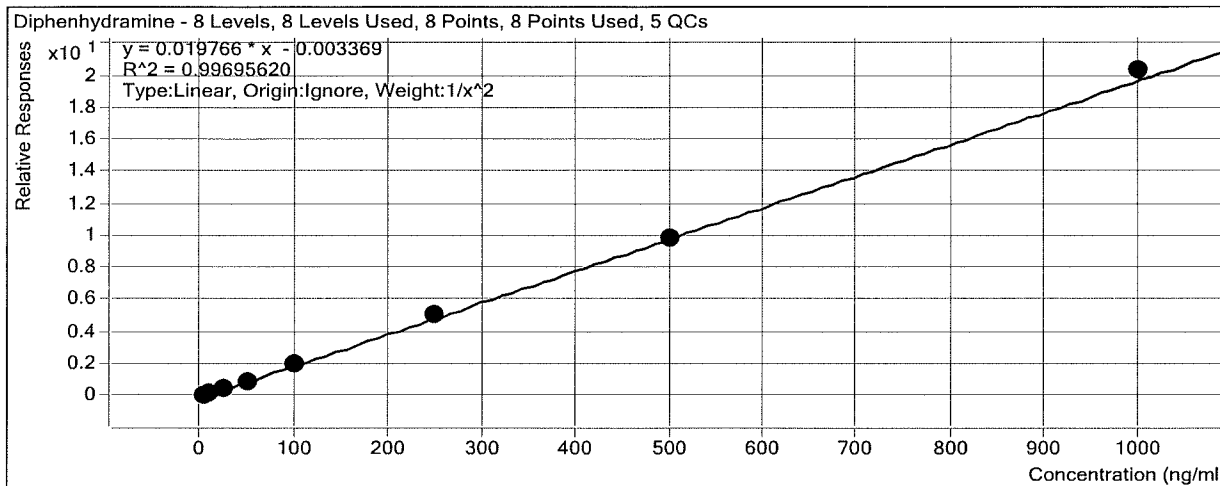
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.3	105.0
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.0	90.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.6
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	25.0	99.9
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	48.2	96.5
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a qc 100	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	112.7	112.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	257.7	103.1
a QC 250	6	<input checked="" type="checkbox"/>	250	260.8	104.3
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	496.5	99.3
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1027.4	102.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1080.2	108.0

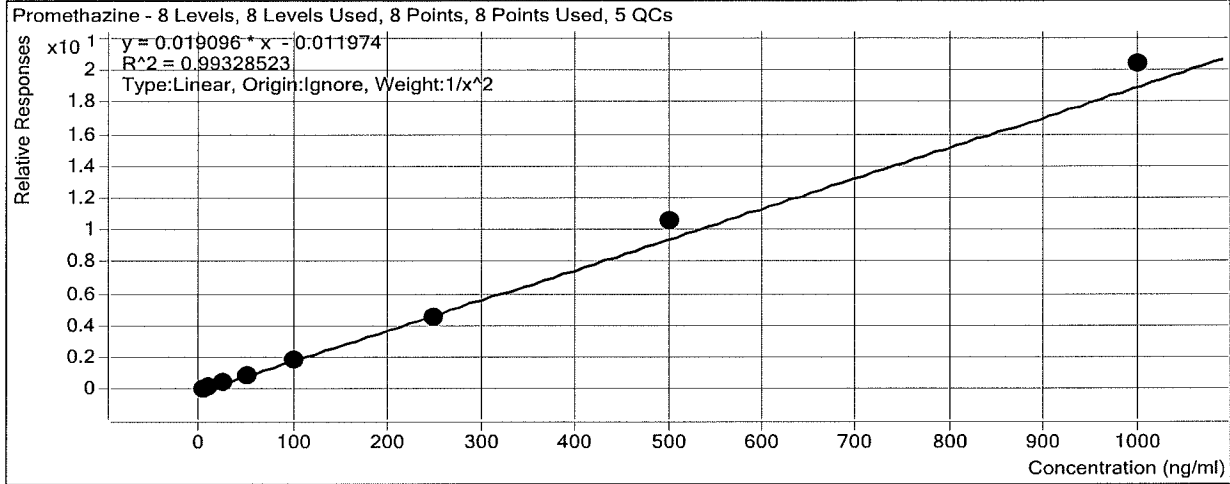
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.2	104.1
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.7	96.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.9	108.7
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	22.1	88.3
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	49.4	98.9
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	97.4	97.4
a qc 100	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	241.1	96.5
a QC 250	6	<input checked="" type="checkbox"/>	250	244.6	97.8
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	555.9	111.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1068.6	106.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	980.4	98.0

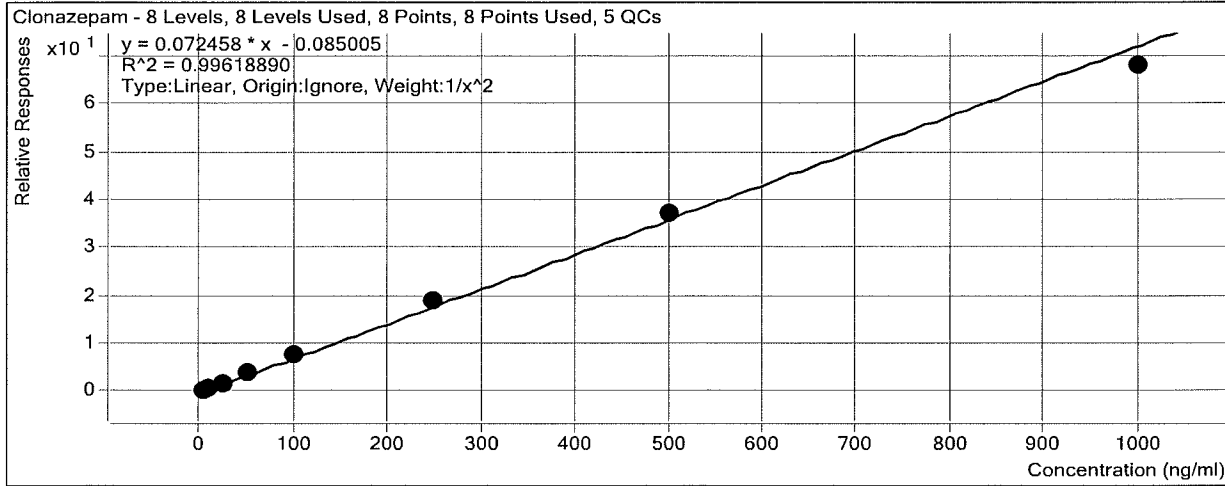
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	106.6
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	22.5	89.9
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	52.9	105.8
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	102.7	102.7
a qc 100	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	259.0	103.6
a QC 250	6	<input checked="" type="checkbox"/>	250	282.5	113.0
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	512.4	102.5
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	938.1	93.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1103.7	110.4

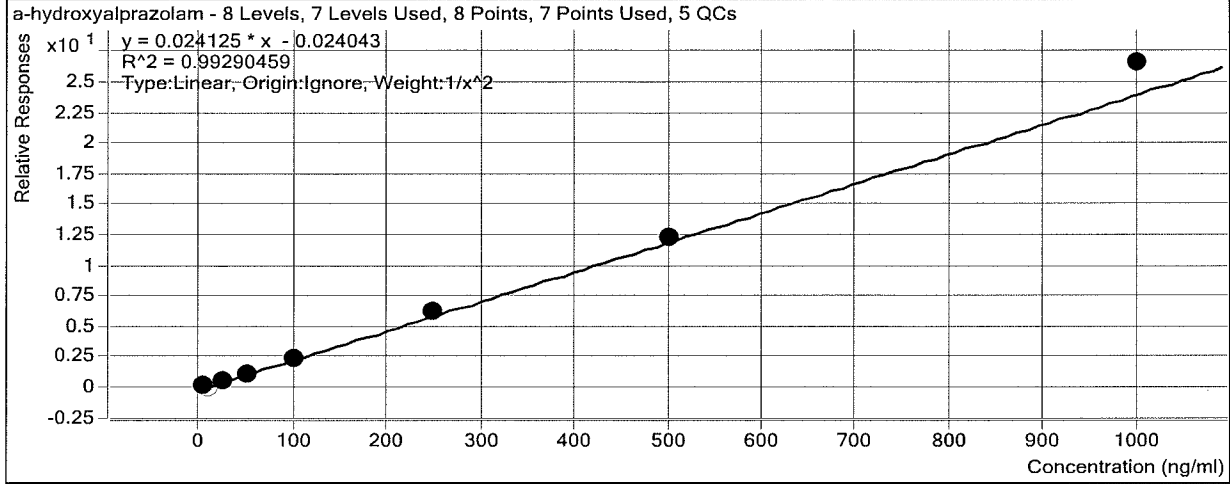
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
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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/mL	1	<input checked="" type="checkbox"/>	5	5.1	102.9
a cal 2-10ng/mL	2	<input type="checkbox"/>	10	4.4	44.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	107.9
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	22.4	89.6
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	44.5	88.9
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	102.3	102.3
a qc 100	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	259.2	103.7
a QC 250	6	<input checked="" type="checkbox"/>	250	240.7	96.3
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	511.1	102.2
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1103.3	110.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1175.1	117.5

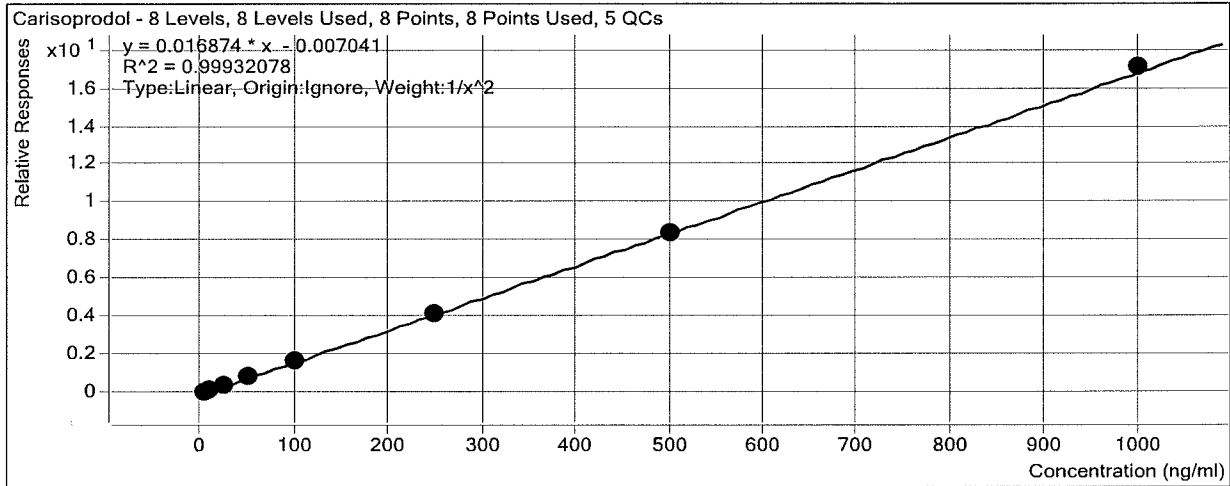
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	101.8
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.9	99.6
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	51.5	103.0
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a qc 100	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	246.2	98.5
a QC 250	6	<input checked="" type="checkbox"/>	250	259.1	103.6
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	495.1	99.0
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1012.5	101.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1029.4	102.9

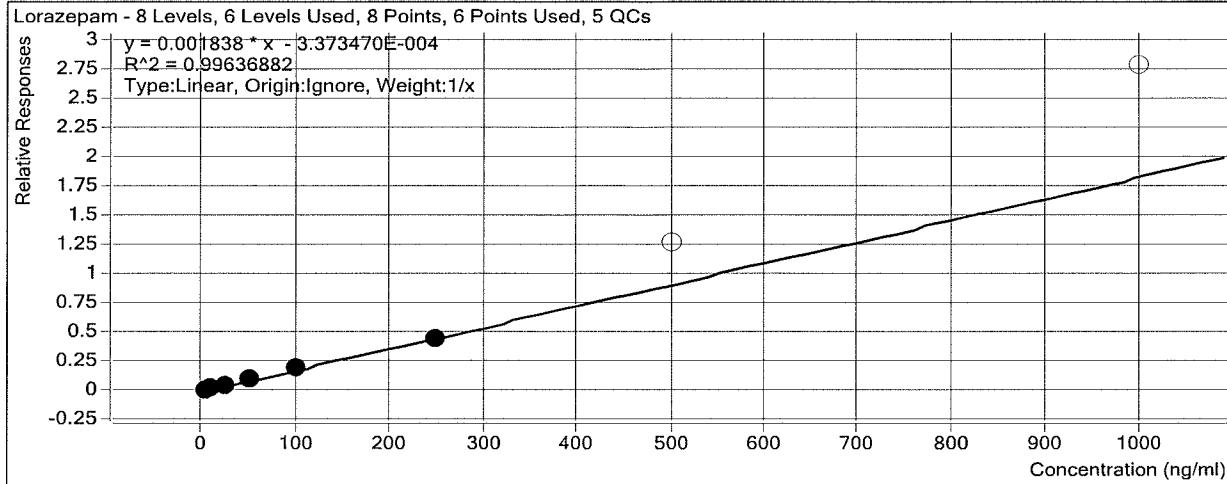
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM

Analyst Name ISP TOX

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



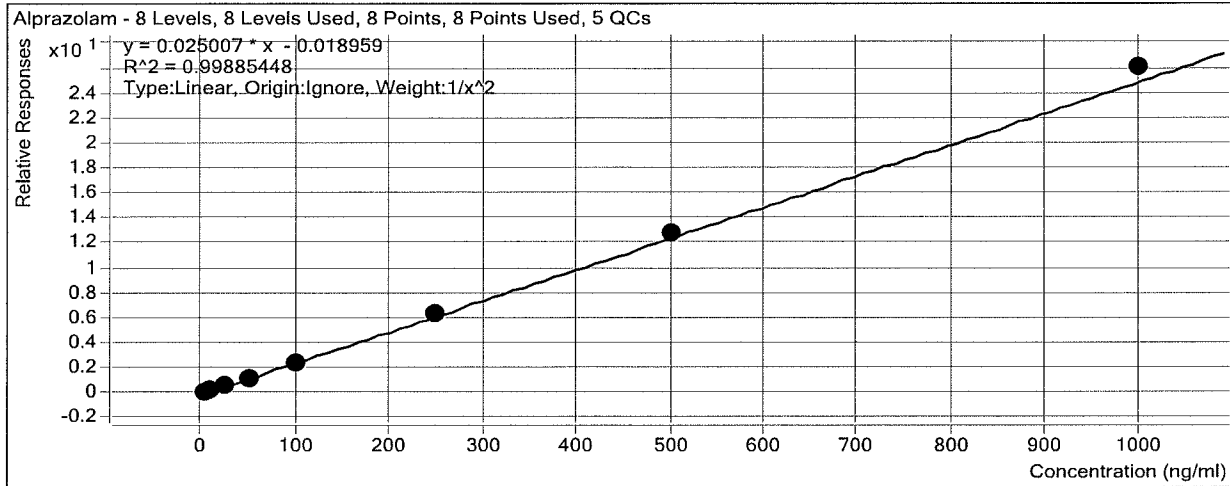
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	4.6	92.0
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	10.4	103.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	23.1	92.6
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	54.9	109.8
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	105.5	105.5
a qc 100	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	96.7	96.7
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	241.5	96.6
a QC 250	6	<input type="checkbox"/>	250	273.4	109.4
a cal 7-500ng/mL	7	<input type="checkbox"/>	500	686.9	137.4
a cal 8-1000ng/mL	8	<input type="checkbox"/>	1000	1513.6	151.4
a qc 1000	8	<input type="checkbox"/>	1000	1711.9	171.2

ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
6/19/2017 9:58 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng/mL	1	<input checked="" type="checkbox"/>	5	5.1	102.4
a cal 2-10ng/mL	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a cal 3-25ng/mL	3	<input checked="" type="checkbox"/>	25	24.3	97.1
a cal 4-50ng/mL	4	<input checked="" type="checkbox"/>	50	48.3	96.5
a cal 5-100ng/mL	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a qc 100	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a qc 100 2nd	5	<input checked="" type="checkbox"/>	100	98.4	98.4
a cal 6-250ng/mL	6	<input checked="" type="checkbox"/>	250	253.3	101.3
a QC 250	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a cal 7-500ng/mL	7	<input checked="" type="checkbox"/>	500	511.8	102.4
a cal 8-1000ng/mL	8	<input checked="" type="checkbox"/>	1000	1041.8	104.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1051.5	105.2

ISP FORENSICS - Cd'A Instrument # 62340

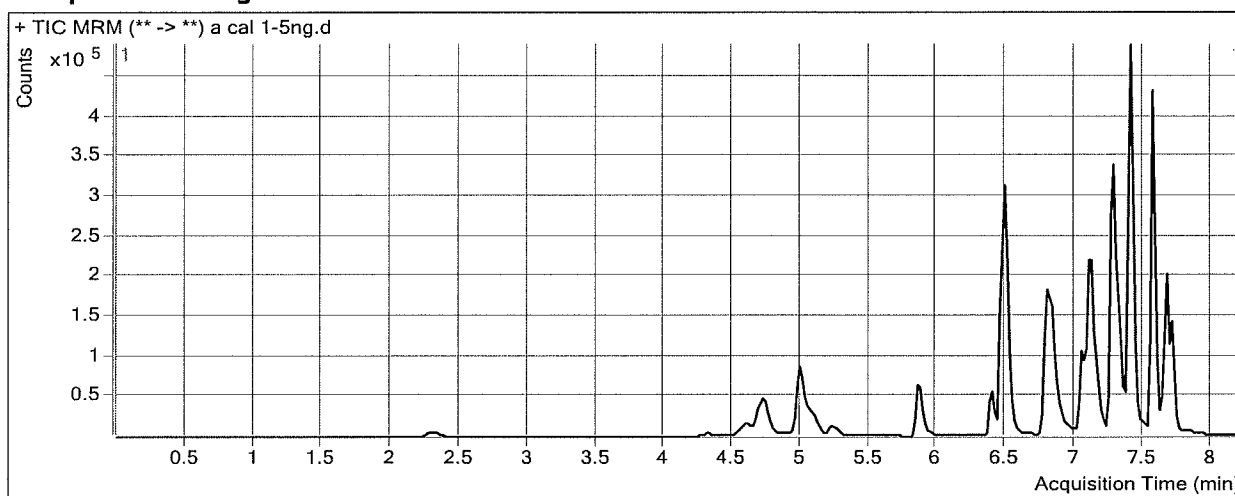
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 9:58 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Batch State	Processed
Last Calib Update	6/19/2017 9:58 AM		

Analysis Info

Acq Time	2017-06-14 16:42	Data File	a cal 1-5ng.d
Sample Type	Calibration	Sample Name	a cal 1-5ng/mL
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.508	1065	2012	0.5294	5.0975
Hydromorphone	Hydromorphone-D6	2.327	5460	40514	0.1348	5.1599
Codeine	Codeine-D6	4.375	2509	22582	0.1111	4.9919
Amphetamine	Amphetamine-D11	4.724	72260	78016	0.9262	4.9275
Oxycodone	Oxycodone-D6	4.750	13079	145955	0.0896	5.2728
Hydrocodone	Hydrocodone-D6	5.035	8989	109534	0.0821	5.8076
Norhydrocodone	Norhydrocodone-D3	5.098	713	43123	0.0165	5.3999
Methamphetamine	Methamphetamine-D11	5.101	50260	269351	0.1866	5.1616
6-MAM	6-MAM-D6	5.248	481	38061	0.0126	0.5594
Phentermine	Phentermine-D5	5.926	6493	219334	0.0296	5.0172
Dextroprphan	Dextroprphan-D3	6.403	8488	148083	0.0573	5.0544
Tramadol	Tramadol-13C-D3	6.501	85991	829329	0.1037	5.4004
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	11348	106437	0.1066	4.6790
Doxylamine	Doxylamine-D5	6.822	71020	681940	0.1041	5.0607
Bupropion	Bupropion-D9	7.071	32614	335721	0.0971	5.0437
Zolpidem	Zolpidem-D6	7.122	56313	679221	0.0829	5.0935
Meprobamate	Meprobamate-D7	7.153	5925	63593	0.0932	6.3192
Venlafaxine	Venlafaxine-D6	7.266	66745	690425	0.0967	4.0682
Trazodone	Trazodone-D6	7.315	40133	414324	0.0969	5.1009
Citalopram	Citalopram-D6	7.378	41812	437557	0.0956	5.6887
Dextromethorphan	Dextromethorphan-D3	7.408	10425	113504	0.0918	5.3173
Diphenhydramine	Diphenhydramine-D3	7.412	71510	712057	0.1004	5.2512
Promethazine	Promethazine-D3	7.567	77910	891466	0.0874	5.2038

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	7.603	3962	14131	0.2804	5.0424
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	1956	19536	0.1001	5.1462
Carisoprodol	Carisoprodol-D7	7.672	25943	328871	0.0789	5.0924
Lorazepam	Alprazolam-D5	7.703	1755	216059	0.0081	4.6019
Alprazolam	Alprazolam-D5	7.706	23558	216059	0.1090	5.1183



ISP FORENSICS - Cd'A Instrument # 62340

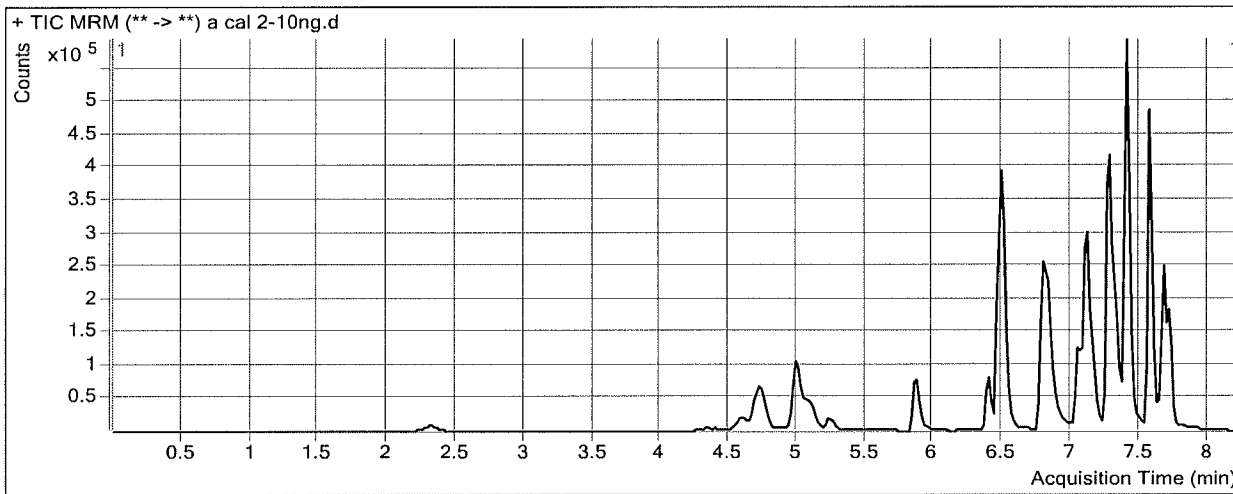
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 17:08 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng/mL
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-B1 **Sample Info**
Inj Vol -l **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	2642	2416	1.0938	10.0111
Hydromorphone	Hydromorphone-D6	2.347	12835	47503	0.2702	9.6215
Codeine	Codeine-D6	4.375	6451	26753	0.2411	10.2349
Amphetamine	Amphetamine-D11	4.744	124848	92344	1.3520	10.0951
Oxycodone	Oxycodone-D6	4.770	32507	175061	0.1857	9.2581
Hydrocodone	Hydrocodone-D6	5.035	21420	133441	0.1605	9.9418
Norhydrocodone	Norhydrocodone-D3	5.098	1592	52551	0.0303	9.5260
Methamphetamine	Methamphetamine-D11	5.101	101390	329957	0.3073	9.4537
6-MAM	6-MAM-D6	5.248	1022	44640	0.0229	0.9830
Phentermine	Phentermine-D5	5.926	17538	303996	0.0577	9.6371
Dextrophan	Dextrophan-D3	6.403	21941	184853	0.1187	9.7986
Tramadol	Tramadol-13C-D3	6.501	193981	1047128	0.1853	9.4158
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	25000	121805	0.2052	9.2811
Doxylamine	Doxylamine-D5	6.822	177313	967092	0.1833	9.1181
Bupropion	Bupropion-D9	7.071	67670	353466	0.1914	9.5454
Zolpidem	Zolpidem-D6	7.122	137888	826405	0.1669	9.8025
Meprobamate	Meprobamate-D7	7.153	11814	73436	0.1609	9.7402
Venlafaxine	Venlafaxine-D6	7.266	165832	812866	0.2040	9.4468
Trazodone	Trazodone-D6	7.315	93351	450325	0.2073	9.7126
Citalopram	Citalopram-D6	7.378	96532	488673	0.1975	10.2548
Dextromethorphan	Dextromethorphan-D3	7.408	20370	120600	0.1689	8.9289
Diphenhydramine	Diphenhydramine-D3	7.412	147533	843062	0.1750	9.0237
Promethazine	Promethazine-D3	7.567	166345	961396	0.1730	9.6880

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	7.603	10408	16135	0.6451	10.0758
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.640	2074	24995	0.0830	4.4355
Carisoprodol	Carisoprodol-D7	7.672	59736	386231	0.1547	9.5833
Lorazepam	Alprazolam-D5	7.703	4635	247969	0.0187	10.3511
Alprazolam	Alprazolam-D5	7.727	55503	247969	0.2238	9.7089

ISP FORENSICS - Cd'A Instrument # 62340

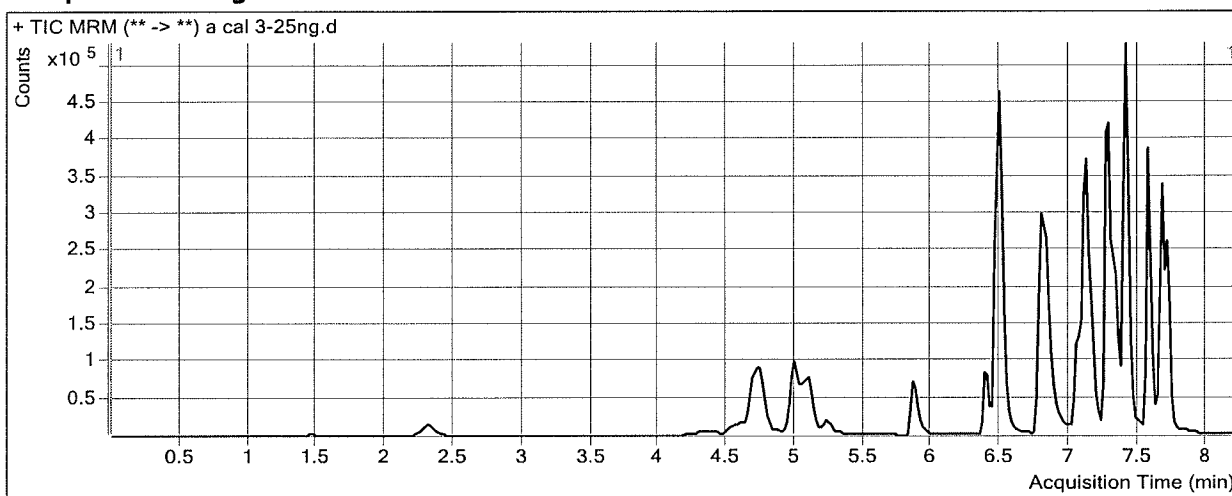
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 9:58 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Batch State	Processed
Last Calib Update	6/19/2017 9:58 AM		

Analysis Info

Acq Time	2017-06-14 17:33	Data File	a cal 3-25ng.d
Sample Type	Calibration	Sample Name	a cal 3-25ng/mL
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-C1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram




Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.488	6663	2643	2.5211	22.4373
Hydromorphone	Hydromorphone-D6	2.327	33847	48481	0.6981	23.7198
Codeine	Codeine-D6	4.336	15103	24052	0.6280	25.8343
Amphetamine	Amphetamine-D11	4.724	219587	85223	2.5766	24.9587
Oxycodone	Oxycodone-D6	4.750	85025	165189	0.5147	22.9058
Hydrocodone	Hydrocodone-D6	5.035	56115	128543	0.4365	24.4872
Norhydrocodone	Norhydrocodone-D3	5.098	3756	48043	0.0782	23.8801
Methamphetamine	Methamphetamine-D11	5.101	228706	304290	0.7516	25.2559
6-MAM	6-MAM-D6	5.248	2423	41455	0.0584	2.4499
Phentermine	Phentermine-D5	5.906	38934	247806	0.1571	25.9892
Dextrophan	Dextrophan-D3	6.384	49056	156361	0.3137	24.8762
Tramadol	Tramadol-13C-D3	6.501	470630	951074	0.4948	24.6572
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	66556	121426	0.5481	25.2812
Doxylamine	Doxylamine-D5	6.822	383460	832542	0.4606	23.3211
Bupropion	Bupropion-D9	7.071	146773	272014	0.5396	26.1645
Zolpidem	Zolpidem-D6	7.122	337361	785251	0.4296	24.5429
Meprobamate	Meprobamate-D7	7.153	29413	74448	0.3951	21.5746
Venlafaxine	Venlafaxine-D6	7.266	360559	673997	0.5350	26.0308
Trazodone	Trazodone-D6	7.315	195191	348353	0.5603	24.4550
Citalopram	Citalopram-D6	7.378	173108	337999	0.5122	24.3411
Dextromethorphan	Dextromethorphan-D3	7.408	39232	81797	0.4796	23.4913
Diphenhydramine	Diphenhydramine-D3	7.412	261074	532502	0.4903	24.9741
Promethazine	Promethazine-D3	7.567	255364	623788	0.4094	22.0652

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

a cal3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	24500	15868	1.5440	22.4824
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	11884	23015	0.5164	22.4002
Carisoprodol	Carisoprodol-D7	7.672	159215	385430	0.4131	24.8986
Lorazepam	Alprazolam-D5	7.703	10255	243023	0.0422	23.1390
Alprazolam	Alprazolam-D5	7.727	142854	243023	0.5878	24.2645



ISP FORENSICS - Cd'A Instrument # 62340

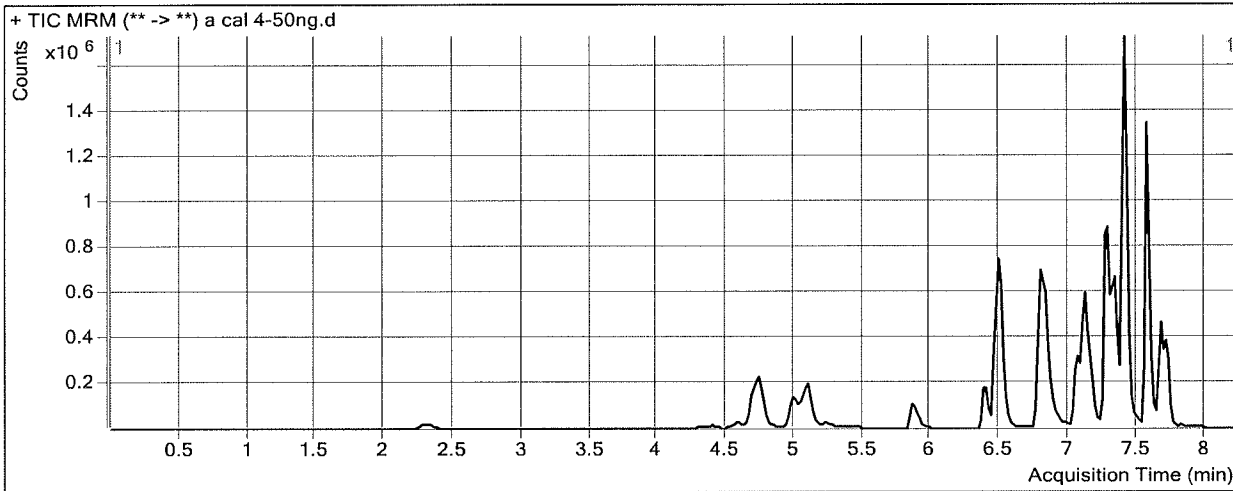
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 9:58 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Batch State	Processed
Last Calib Update	6/19/2017 9:58 AM		

Analysis Info

Acq Time	2017-06-14 17:59	Data File	a cal 4-50ng.d
Sample Type	Calibration	Sample Name	a cal 4-50ng/mL
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-D1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.488	14941	2602	5.7429	50.4868
Hydromorphone	Hydromorphone-D6	2.327	73448	50975	1.4409	48.1880
Codeine	Codeine-D6	4.375	31917	27299	1.1692	47.6596
Amphetamine	Amphetamine-D11	4.744	537418	108958	4.9323	53.5507
Oxycodone	Oxycodone-D6	4.750	204634	171133	1.1958	51.1555
Hydrocodone	Hydrocodone-D6	5.035	133032	144980	0.9176	49.8361
Norhydrocodone	Norhydrocodone-D3	5.098	8814	56682	0.1555	47.0521
Methamphetamine	Methamphetamine-D11	5.101	593100	400331	1.4815	51.2152
6-MAM	6-MAM-D6	5.248	5365	45629	0.1176	4.8907
Phentermine	Phentermine-D5	5.906	116044	362966	0.3197	52.7310
Dextrophan	Dextrophan-D3	6.384	150731	237853	0.6337	49.6111
Tramadol	Tramadol-13C-D3	6.501	1192450	1183508	1.0076	49.8987
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	141812	126534	1.1207	52.0023
Doxylamine	Doxylamine-D5	6.822	1187217	1062994	1.1169	56.9415
Bupropion	Bupropion-D9	7.071	481536	434483	1.1083	53.3141
Zolpidem	Zolpidem-D6	7.122	678774	869475	0.7807	44.2354
Meprobamate	Meprobamate-D7	7.153	68982	77605	0.8889	46.5267
Venlafaxine	Venlafaxine-D6	7.266	1158893	1028588	1.1267	55.6824
Trazodone	Trazodone-D6	7.315	763396	673207	1.1340	48.4105
Citalopram	Citalopram-D6	7.378	833232	755294	1.1032	50.8033
Dextromethorphan	Dextromethorphan-D3	7.408	207210	200124	1.0354	49.5381
Diphenhydramine	Diphenhydramine-D3	7.412	1274243	1341058	0.9502	48.2408
Promethazine	Promethazine-D3	7.567	1386123	1487468	0.9319	49.4268

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

a cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	52511	14004	3.7498	52.9248
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	24986	23830	1.0485	44.4589
Carisoprodol	Carisoprodol-D7	7.672	327245	379497	0.8623	51.5218
Lorazepam	Alprazolam-D5	7.703	24834	246921	0.1006	54.8943
Alprazolam	Alprazolam-D5	7.727	293290	246921	1.1878	48.2566



ISP FORENSICS - Cd'A Instrument # 62340

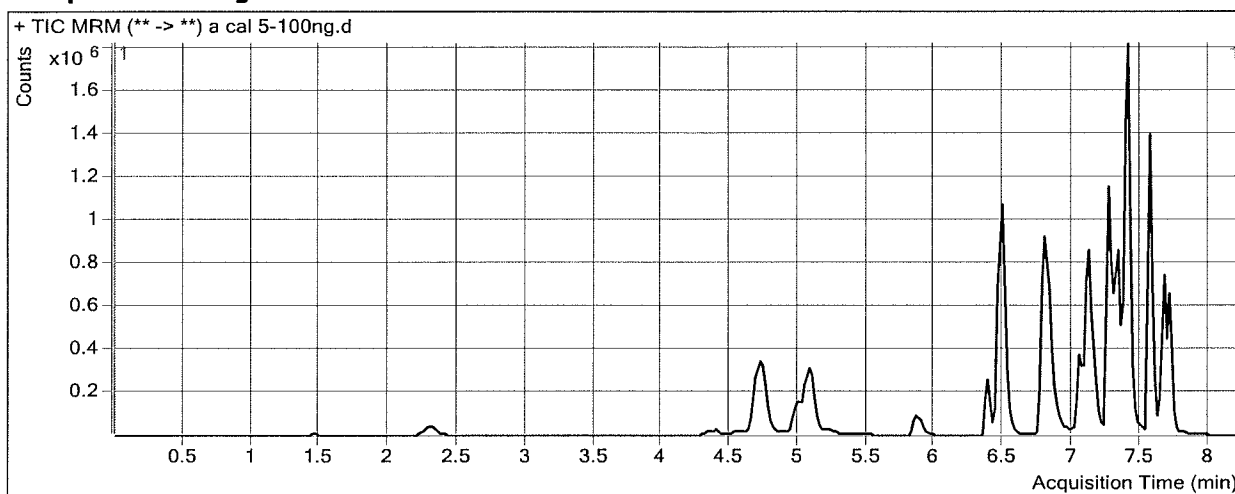
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 9:58 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Batch State	Processed
Last Calib Update	6/19/2017 9:58 AM		

Analysis Info

Acq Time	2017-06-14 18:24	Data File	a cal 5-100ng.d
Sample Type	Calibration	Sample Name	a cal 5-100ng/mL
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-E1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	28091	2538	11.0671	96.8390
Hydromorphone	Hydromorphone-D6	2.307	145373	48542	2.9948	99.3809
Codeine	Codeine-D6	4.355	64387	25722	2.5032	101.4564
Amphetamine	Amphetamine-D11	4.724	899121	94427	9.5219	109.2549
Oxycodone	Oxycodone-D6	4.730	391091	179077	2.1839	92.1441
Hydrocodone	Hydrocodone-D6	5.014	233069	128381	1.8154	97.1493
Norhydrocodone	Norhydrocodone-D3	5.078	15877	47909	0.3314	99.7753
Methamphetamine	Methamphetamine-D11	5.081	951767	347091	2.7421	96.0479
6-MAM	6-MAM-D6	5.228	9909	43502	0.2278	9.4389
Phentermine	Phentermine-D5	5.906	185669	293595	0.6324	104.1589
Dextropropion	Dextropropion-D3	6.384	241501	183238	1.3180	102.5056
Tramadol	Tramadol-13C-D3	6.479	2109115	1044539	2.0192	99.7020
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	265902	116541	2.2816	106.1732
Doxylamine	Doxylamine-D5	6.802	1687625	886125	1.9045	97.2918
Bupropion	Bupropion-D9	7.051	600587	300993	1.9953	95.6604
Zolpidem	Zolpidem-D6	7.122	1488716	777132	1.9157	107.9037
Meprobamate	Meprobamate-D7	7.153	136576	74029	1.8449	94.8330
Venlafaxine	Venlafaxine-D6	7.266	1829311	852051	2.1470	106.8084
Trazodone	Trazodone-D6	7.315	1216637	499361	2.4364	102.7995
Citalopram	Citalopram-D6	7.378	1035541	555405	1.8645	84.8884
Dextromethorphan	Dextromethorphan-D3	7.388	298376	135135	2.2080	104.4921
Diphenhydramine	Diphenhydramine-D3	7.412	1720735	844629	2.0373	103.2379
Promethazine	Promethazine-D3	7.567	2051303	1109536	1.8488	97.4442

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

ccal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	110869	15067	7.3581	102.7239
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	51891	21225	2.4447	102.3333
Carisoprodol	Carisoprodol-D7	7.672	564205	332702	1.6958	100.9195
Lorazepam	Alprazolam-D5	7.703	43358	223951	0.1936	105.5030
Alprazolam	Alprazolam-D5	7.706	550760	223951	2.4593	99.1027

ISP FORENSICS - Cd'A Instrument # 62340

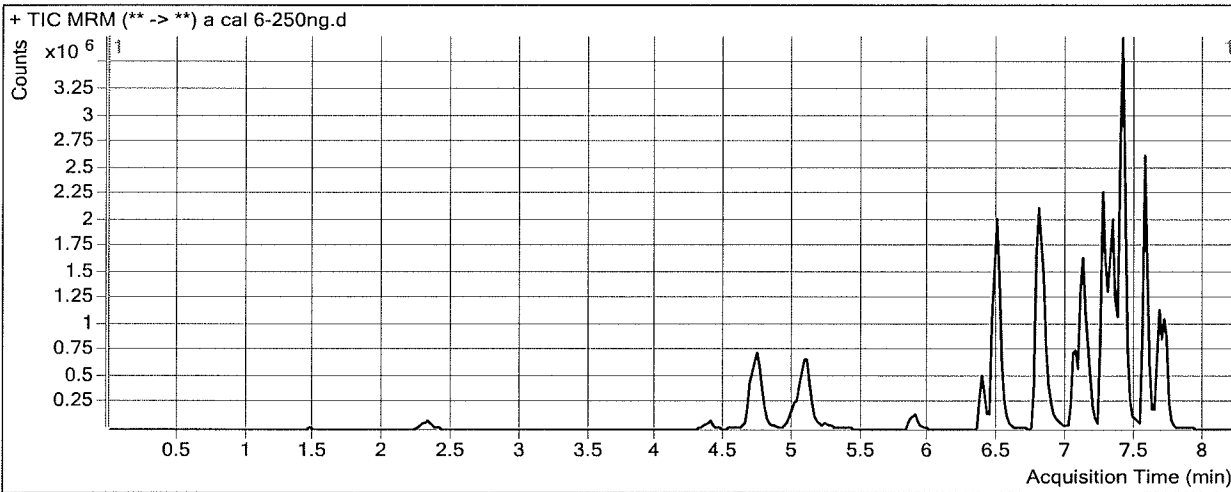
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 18:50 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng/mL
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.488	57946	1967	29.4573	256.9446
Hydromorphone	Hydromorphone-D6	2.327	309517	39651	7.8060	257.8817
Codeine	Codeine-D6	4.375	136354	22690	6.0095	242.8496
Amphetamine	Amphetamine-D11	4.724	1904317	90874	20.9557	248.0302
Oxycodone	Oxycodone-D6	4.750	882921	143153	6.1677	257.3876
Hydrocodone	Hydrocodone-D6	5.014	524284	119244	4.3967	233.1733
Norhydrocodone	Norhydrocodone-D3	5.078	34432	41678	0.8261	248.0622
Methamphetamine	Methamphetamine-D11	5.101	2294599	311174	7.3740	260.7783
6-MAM	6-MAM-D6	5.228	23049	38672	0.5960	24.6365
Phentermine	Phentermine-D5	5.906	438870	283992	1.5454	254.3129
Dextrophan	Dextrophan-D3	6.384	558738	175515	3.1834	246.7105
Tramadol	Tramadol-13C-D3	6.479	4864527	964330	5.0445	248.6394
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	552586	98885	5.5882	260.4705
Doxylamine	Doxylamine-D5	6.802	4800570	986099	4.8682	249.1225
Bupropion	Bupropion-D9	7.071	1651388	302153	5.4654	261.3140
Zolpidem	Zolpidem-D6	7.122	3295467	698496	4.7179	265.1020
Meprobamate	Meprobamate-D7	7.153	298617	59674	5.0041	254.4687
Venlafaxine	Venlafaxine-D6	7.266	4478493	826948	5.4157	270.6062
Trazodone	Trazodone-D6	7.315	2996106	486492	6.1586	258.2391
Citalopram	Citalopram-D6	7.378	2514460	477243	5.2687	237.3055
Dextromethorphan	Dextromethorphan-D3	7.408	743320	136551	5.4435	256.1278
Diphenhydramine	Diphenhydramine-D3	7.412	4311364	846893	5.0908	257.7192
Promethazine	Promethazine-D3	7.567	4246301	924598	4.5926	241.1305

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

acal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	232592	12451	18.6802	258.9810
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	108480	17415	6.2292	259.2017
Carisoprodol	Carisoprodol-D7	7.672	1105778	266601	4.1477	246.2279
Lorazepam	Alprazolam-D5	7.703	78367	176652	0.4436	241.5108
Alprazolam	Alprazolam-D5	7.727	1115811	176652	6.3164	253.3471



ISP FORENSICS - Cd'A Instrument # 62340

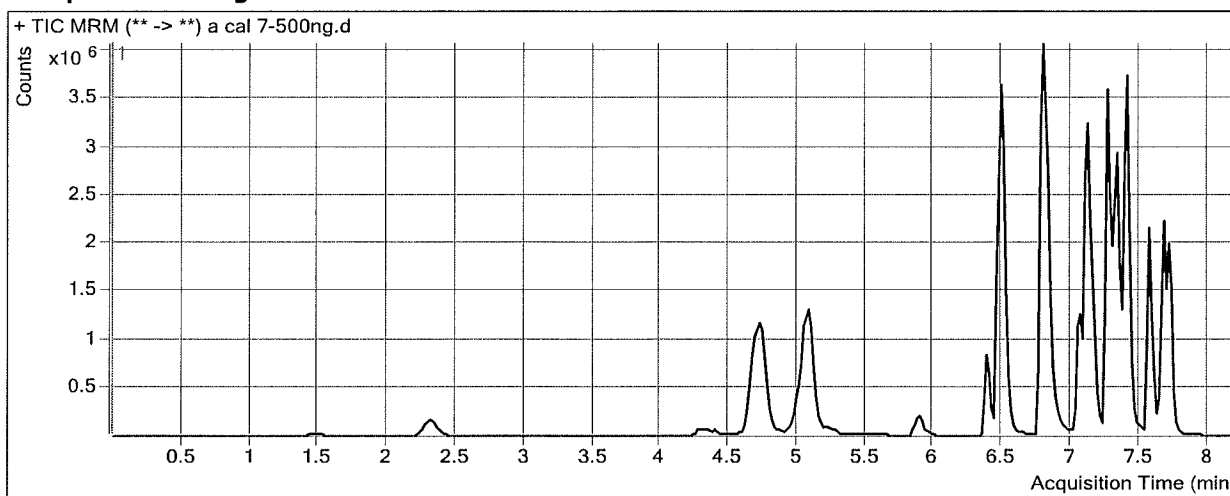
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin
Analysis Time 6/19/2017 9:58 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:03 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 9:58 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 19:15 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng/mL
Dilution 1 **Acq Method** Quant Panel 1a 2-13-17.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	137763	2343	58.7920	512.3323
Hydromorphone	Hydromorphone-D6	2.327	713979	45765	15.6011	514.6826
Codeine	Codeine-D6	4.296	311060	25182	12.3524	498.6324
Amphetamine	Amphetamine-D11	4.704	3293341	92571	35.5762	425.4835
Oxycodone	Oxycodone-D6	4.730	2006315	179044	11.2057	466.3626
Hydrocodone	Hydrocodone-D6	5.014	1087523	129416	8.4033	444.3032
Norhydrocodone	Norhydrocodone-D3	5.078	71123	37111	1.9165	574.8651
Methamphetamine	Methamphetamine-D11	5.081	4711184	339473	13.8779	492.0874
6-MAM	6-MAM-D6	5.228	49972	41246	1.2116	50.0420
Phentermine	Phentermine-D5	5.906	716710	261574	2.7400	450.7930
Dextrophan	Dextrophan-D3	6.384	975532	153837	6.3414	490.8272
Tramadol	Tramadol-13C-D3	6.479	9804705	965536	10.1547	500.2198
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	1136357	106188	10.7014	499.0749
Doxylamine	Doxylamine-D5	6.802	9301540	888842	10.4648	535.8296
Bupropion	Bupropion-D9	7.071	2532073	256962	9.8539	470.8124
Zolpidem	Zolpidem-D6	7.122	7027816	770863	9.1168	511.8619
Meprobamate	Meprobamate-D7	7.153	650913	66543	9.7819	495.8883
Venlafaxine	Venlafaxine-D6	7.266	7027124	749671	9.3736	468.9392
Trazodone	Trazodone-D6	7.315	3977452	356176	11.1671	467.3947
Citalopram	Citalopram-D6	7.378	3033841	257642	11.7754	528.6291
Dextromethorphan	Dextromethorphan-D3	7.388	680183	62212	10.9334	513.4142
Diphenhydramine	Diphenhydramine-D3	7.412	4546456	463462	9.8098	496.4566
Promethazine	Promethazine-D3	7.567	4131332	389660	10.6024	555.8504

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

acal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.603	520341	14046	37.0449	512.4347
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	254721	20699	12.3058	511.0840
Carisoprodol	Carisoprodol-D7	7.672	2202212	263824	8.3473	495.1154
Lorazepam	Alprazolam-D5	7.703	213466	169096	1.2624	686.9123
Alprazolam	Alprazolam-D5	7.706	2160844	169096	12.7788	511.7693



ISP FORENSICS - Cd'A Instrument # 62340

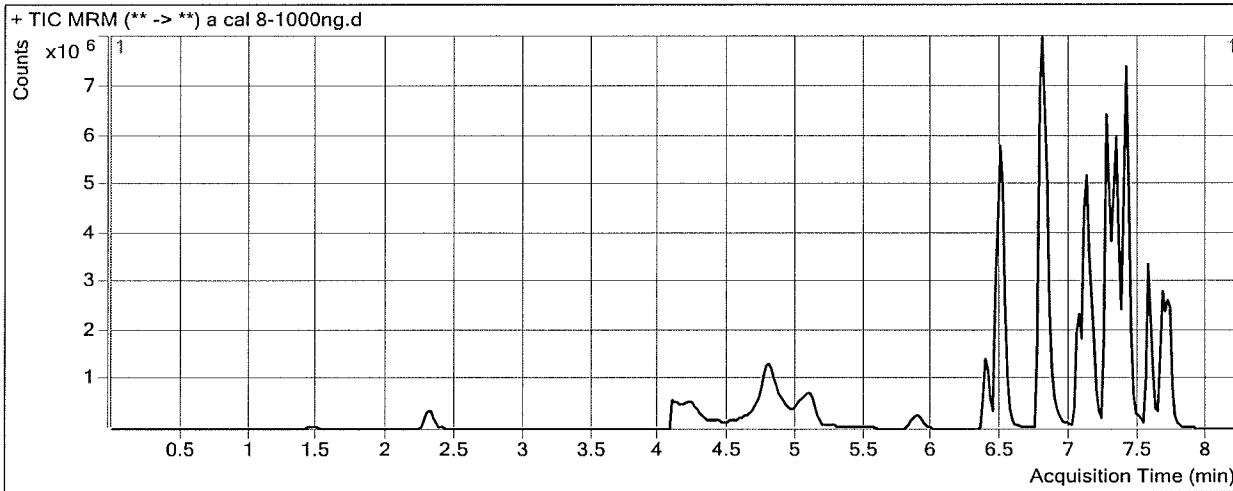
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1 a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 9:58 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:03 AM	Batch State	Processed
Last Calib Update	6/19/2017 9:58 AM		

Analysis Info

Acq Time	2017-06-14 19:40	Data File	a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	a cal 8-1000ng/mL
Dilution	1	Acq Method	Quant Panel 1a 2-13-17.m
Position	P1-H1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.468	234979	1947	120.7037	1051.3362
Hydromorphone	Hydromorphone-D6	2.307	1201468	38136	31.5047	1038.6104
Codeine	Codeine-D6	4.415	36073	1443	24.9921	1008.3408
Amphetamine	Amphetamine-D11	4.724	2474853	19052	129.9025	1570.3474
Oxycodone	Oxycodone-D6	4.750	721917	25058	28.8097	1196.5670
Hydrocodone	Hydrocodone-D6	5.035	353128	17329	20.3777	1075.3014
Norhydrocodone	Norhydrocodone-D3	5.098	47807	15391	3.1061	931.4393
Methamphetamine	Methamphetamine-D11	5.101	1870801	101901	18.3590	651.4553
6-MAM	6-MAM-D6	5.248	21602	8831	2.4463	100.9997
Phentermine	Phentermine-D5	5.906	1618514	272160	5.9469	978.2369
Dextrophan	Dextrophan-D3	6.384	1878951	141319	13.2958	1028.4265
Tramadol	Tramadol-13C-D3	6.479	17361115	853193	20.3484	1002.0668
7-aminoclonazepam	7-Aminoclonazepam-D4	6.473	1769759	83984	21.0726	983.0378
Doxylamine	Doxylamine-D5	6.802	16990995	903329	18.8093	963.3147
Bupropion	Bupropion-D9	7.071	5318465	259082	20.5281	980.3804
Zolpidem	Zolpidem-D6	7.122	11321442	654048	17.3098	971.4581
Meprobamate	Meprobamate-D7	7.153	1097176	54943	19.9692	1010.6493
Venlafaxine	Venlafaxine-D6	7.266	13979522	701084	19.9399	998.4181
Trazodone	Trazodone-D6	7.315	9153731	358808	25.5115	1066.4191
Citalopram	Citalopram-D6	7.378	5619825	251160	22.3755	1003.2231
Dextromethorphan	Dextromethorphan-D3	7.408	1494088	68921	21.6782	1016.9778
Diphenhydramine	Diphenhydramine-D3	7.412	10853524	534513	20.3054	1027.4428
Promethazine	Promethazine-D3	7.567	6954762	341012	20.3945	1068.6399

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	7.603	698029	10282	67.8890	938.1171
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.660	414342	15581	26.5922	1103.2663
Carisoprodol	Carisoprodol-D7	7.672	3191914	186914	17.0769	1012.4736
Lorazepam	Alprazolam-D5	7.703	344909	123977	2.7820	1513.5784
Alprazolam	Alprazolam-D5	7.727	3227455	123977	26.0326	1041.7778



ISP FORENSICS - Cd'A Instrument # 62340

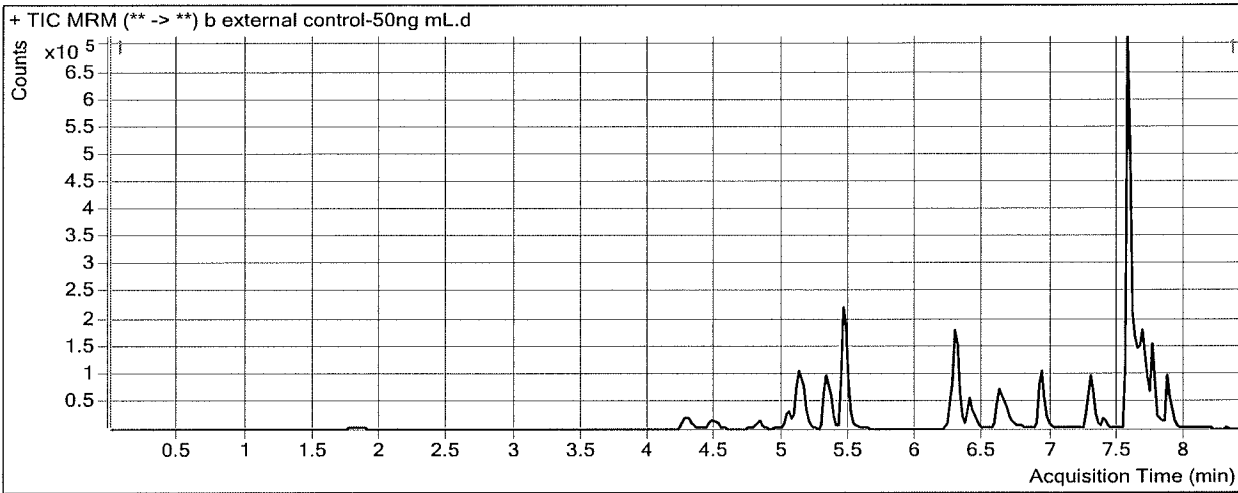
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin		
Analysis Time	6/19/2017 10:41 AM	Analyst Name	ISP Tox
Report Time	6/19/2017 10:42 AM	Reporter Name	ISP Tox
Last Calib Update	6/19/2017 10:41 AM	Batch State	Processed

Analysis Info

Acq Time	2017-06-14 20:56	Data File	b external control-50ng mL.d
Sample Type	Sample	Sample Name	b external control-50ng mL
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-F2	Sample Info	
Inj Vol	-1	Comment	AM 28: lot 81017 50 ng quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Naltrexone	Naltrexone-D3	5.071	222	122209	0.0018	0.7809 <i>LS</i>
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	579	363521	0.0016	0.1820 <i>LS</i>
Fentanyl	Fentanyl-D5	7.299	1019	274711	0.0037	0.2876 <i>LS</i>
EDDP	EDDP-D3	7.390	800	43957	0.0182	2.6635 <i>LS</i>
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	1877	120619	0.0156	2.0341 <i>LS</i>
Quetiapine	Quetiapine-D8	7.560	968534	228774	4.2336	<u>59.9552</u>

ISP FORENSICS - Cd'A Instrument # 62340

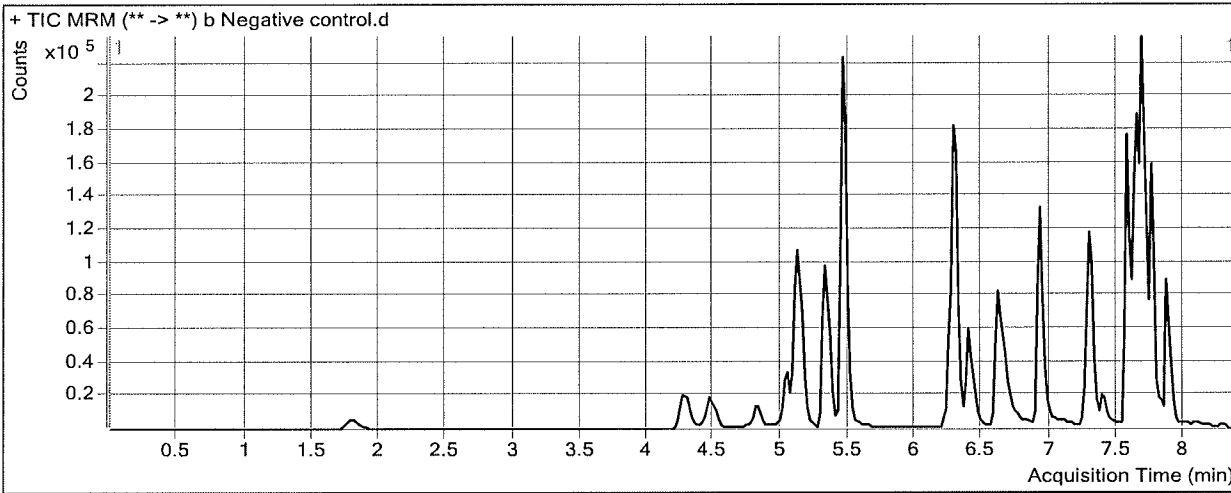
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 20:31 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-G2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	799	451820	0.0018	0.1918 <i>L15</i>
EDDP	EDDP-D3	7.410	531	51824	0.0102	2.2973 <i>L5</i>
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	2189	158677	0.0138	1.9598 <i>L5</i>

ISP FORENSICS - Cd'A Instrument # 62340

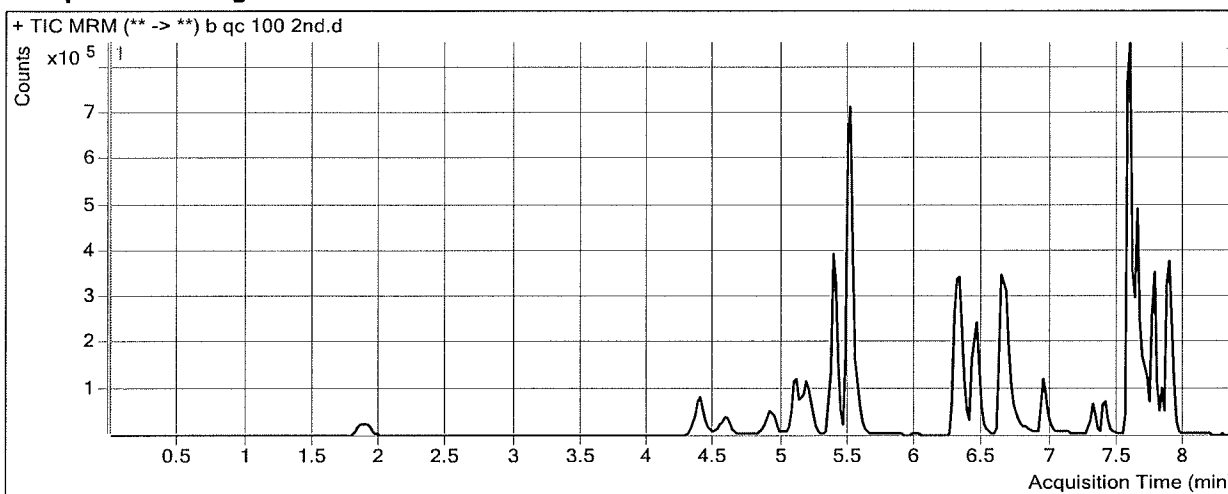
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 06:26 **Data File** b qc 100 2nd.d
Sample Type QC **Sample Name** b qc 100 2nd
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.888	93684	41100	2.2794	96.1495
Dihydrocodeine	Dihydrocodeine-D6	4.395	209118	105572	1.9808	90.2097
Naloxone	Naloxone-D5	4.589	128859	86781	1.4849	104.4933
Noroxycodone	Noroxycodone-D3	4.917	134851	60055	2.2454	105.6594
Naltrexone	Naltrexone-D3	5.112	202777	111389	1.8204	89.3277
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.224	83880	392493	0.2137	9.8245
Naltrexol	Naltrexol-D3	5.370	756287	309772	2.4414	99.4579
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.519	1720213	814791	2.1112	97.5818
Ketamine	Ketamine-D4	6.301	607198	257840	2.3549	100.6020
Norfentanyl	Norfentanyl-D5	6.344	117155	557634	0.2101	9.5801
alpha-PVP	alpha-PVP-d8	6.648	884500	407547	2.1703	99.7035
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.962	54706	318395	0.1718	9.6627
Norbuprenorphine	Norbuprenorphine-D3	7.255	951	5596	0.1699	8.6379
Fentanyl	Fentanyl-D5	7.299	28860	145919	0.1978	8.6167
EDDP	EDDP-D3	7.410	122870	63694	1.9291	90.6747
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	89274	36999	2.4128	102.8099
Sufentanil	Sufentanil-D5	7.559	16709	78850	0.2119	9.3956
Quetiapine	Quetiapine-D8	7.580	1434274	192034	7.4689	106.2517
Methadone	Methadone-D9	7.643	439105	214778	2.0445	110.1034
Fluoxetine	Fluoxetine-D6	7.685	144330	66691	2.1642	105.8363
Oxazepam	Oxazepam-D5	7.710	59113	26536	2.2277	97.7970
Buprenorphine	Buprenorphine-D4	7.757	10432	40688	0.2564	9.4940
Sertraline	Sertraline-D3	7.746	28404	14785	1.9211	92.8231

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

b
x
A ac 100 snc

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	429226	216063	1.9866	94.9001
Nordiazepam	Nordiazepam-D5	7.836	100920	30135	3.3489	99.6069
Diazepam	Diazepam-D5	7.891	482589	194162	2.4855	99.2621



ISP FORENSICS - Cd'A Instrument # 62340

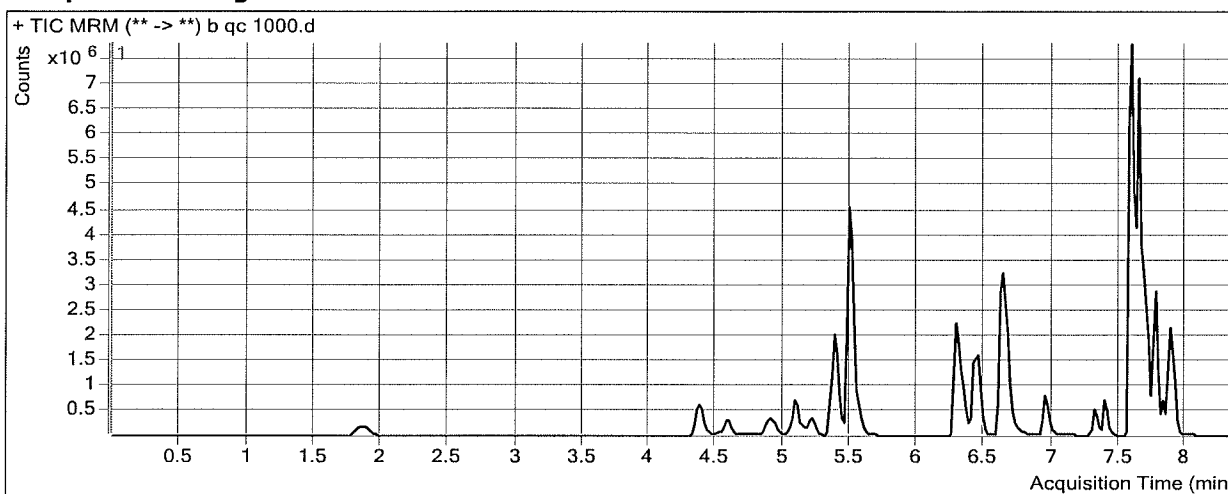
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 06:01 **Data File** b qc 1000.d
Sample Type QC **Sample Name** b qc 1000
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.868	963391	39480	24.4022	1014.9469
Dihydrocodeine	Dihydrocodeine-D6	4.375	1839541	96754	19.0126	846.9516
Naloxone	Naloxone-D5	4.569	1162585	74673	15.5690	1081.5270 <i>out of evaluated range A</i>
Noroxycodone	Noroxycodone-D3	4.917	1228192	52537	23.3775	1096.8299
Naltrexone	Naltrexone-D3	5.092	1448555	78545	18.4425	898.6364
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.224	935310	348830	2.6813	122.3478
Naltrexol	Naltrexol-D3	5.370	5413366	228137	23.7286	963.4858 <i>out of evaluated range A</i>
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.499	15653412	708173	22.1039	1017.8293
Ketamine	Ketamine-D4	6.281	5838008	248157	23.5255	999.6416
Norfentanyl	Norfentanyl-D5	6.344	1217773	502534	2.4233	106.7479
alpha-PVP	alpha-PVP-d8	6.648	9179526	417257	21.9997	1009.0344
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	1225484	630156	1.9447	108.4047
Norbuprenorphine	Norbuprenorphine-D3	7.255	14103	8088	1.7436	89.0868
Fentanyl	Fentanyl-D5	7.299	725921	313289	2.3171	99.5727
EDDP	EDDP-D3	7.390	1401180	64090	21.8626	1008.7735
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	2778753	112205	24.7649	1042.4358
Sufentanil	Sufentanil-D5	7.579	609205	253974	2.3987	106.1255
Quetiapine	Quetiapine-D8	7.580	14117096	202370	69.7590	997.6132
Methadone	Methadone-D9	7.643	7940210	406395	19.5382	1048.0206
Fluoxetine	Fluoxetine-D6	7.685	4702021	225879	20.8166	1013.2915
Oxazepam	Oxazepam-D5	7.710	587588	24421	24.0610	1051.2461
Buprenorphine	Buprenorphine-D4	7.757	111000	32202	3.4470	122.9068 <i>not evaluated</i>
Sertraline	Sertraline-D3	7.746	1269312	60241	21.0705	1001.4740

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

b qc 1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	3112366	156266	19.9172	937.2447
Nordiazepam	Nordiazepam-D5	7.836	743980	21672	34.3295	1014.2496
Diazepam	Diazepam-D5	7.891	3398202	132263	25.6928	1017.0046

ISP FORENSICS - Cd'A Instrument # 62340

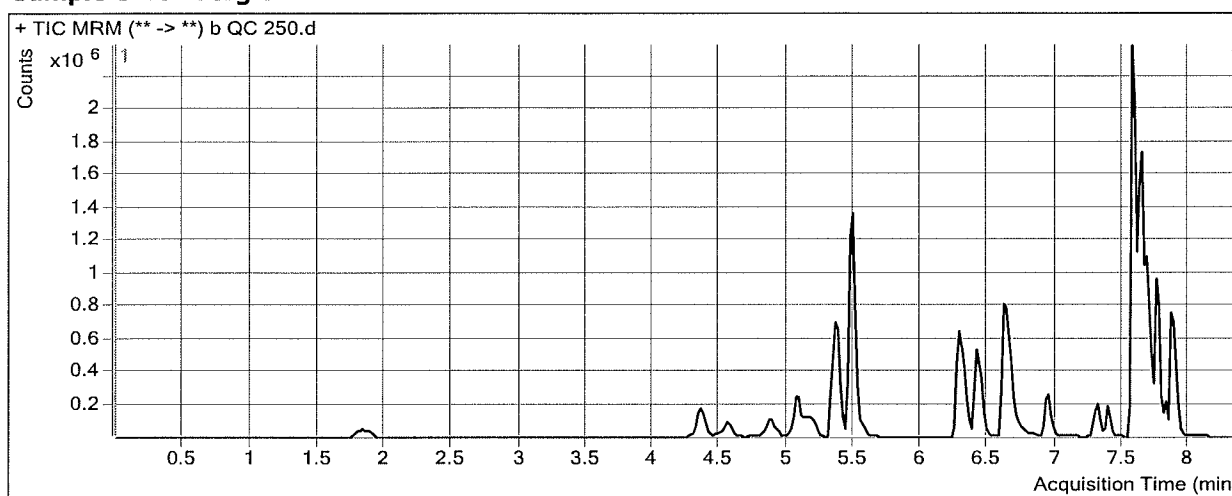
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 10:26 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:27 AM	Batch State	Processed
Last Calib Update	6/19/2017 10:26 AM		

Analysis Info

Acq Time	2017-06-15 03:54	Data File	b QC 250.d
Sample Type	QC	Sample Name	b QC 250
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-C2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.848	235707	39773	5.9264	247.6138
Dihydrocodeine	Dihydrocodeine-D6	4.355	508381	98738	5.1488	230.9677
Naloxone	Naloxone-D5	4.549	342377	83719	4.0896	285.1871
Noroxycodone	Noroxycodone-D3	4.897	344428	56753	6.0689	284.9926
Naltrexone	Naltrexone-D3	5.092	511930	96470	5.3066	259.0675
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.204	223811	380215	0.5886	26.9218
Naltrexol	Naltrexol-D3	5.350	1700976	274905	6.1875	251.5080
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.499	4088485	758706	5.3888	248.4435
Ketamine	Ketamine-D4	6.281	1488227	250402	5.9433	252.9892
Norfentanyl	Norfentanyl-D5	6.324	283885	514784	0.5515	24.5679
alpha-PVP	alpha-PVP-d8	6.648	2375104	413832	5.7393	263.3695
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	241702	532695	0.4537	25.3639
Norbuprenorphine	Norbuprenorphine-D3	7.255	4036	7279	0.5544	28.2937
Fentanyl	Fentanyl-D5	7.299	185326	328882	0.5635	24.3125
EDDP	EDDP-D3	7.390	315036	60241	5.2296	242.6888
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	791516	136080	5.8166	245.8937
Sufentanil	Sufentanil-D5	7.559	131168	234310	0.5598	24.7843
Quetiapine	Quetiapine-D8	7.560	3883612	213728	18.1708	259.3951
Methadone	Methadone-D9	7.643	1972377	408854	4.8242	259.1356
Fluoxetine	Fluoxetine-D6	7.685	1491767	318596	4.6823	228.3464
Oxazepam	Oxazepam-D5	7.710	142325	22117	6.4352	281.5398
Buprenorphine	Buprenorphine-D4	7.757	41903	60795	0.6893	24.8806
Sertraline	Sertraline-D3	7.746	380004	73144	5.1953	248.1824

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

b QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	1025319	187264	5.4753	258.7918
Nordiazepam	Nordiazepam-D5	7.836	253845	28745	8.8309	261.4529
Diazepam	Diazepam-D5	7.891	1117782	173582	6.4395	255.6257



ISP FORENSICS - Cd'A Instrument # 62340

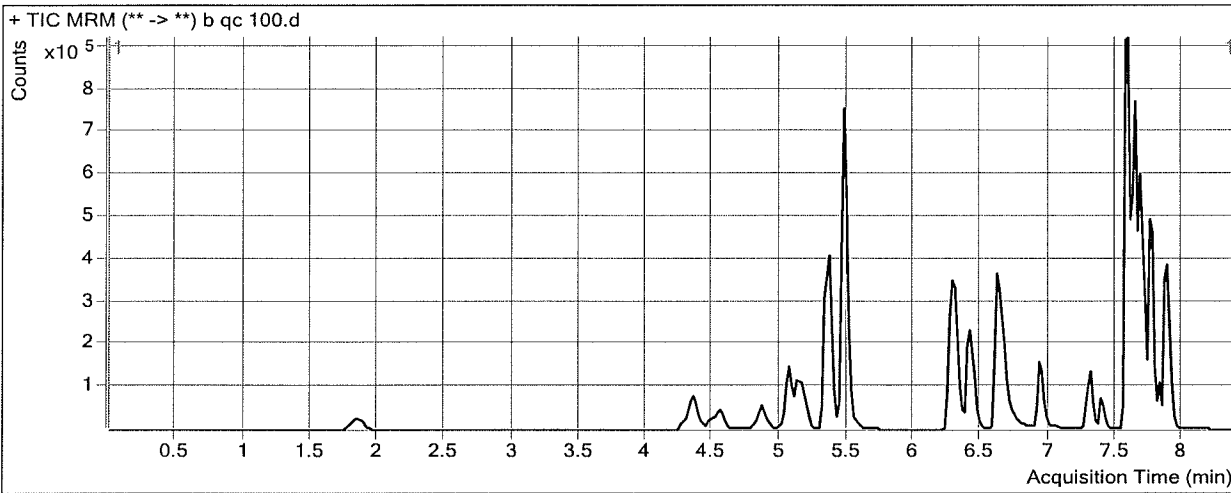
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-15 00:06 **Data File** b qc 100.d
Sample Type QC **Sample Name** b qc 100
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.848	98322	41783	2.3531	99.2119
Dihydrocodeine	Dihydrocodeine-D6	4.355	214460	100992	2.1235	96.5512
Naloxone	Naloxone-D5	4.549	144716	92882	1.5581	109.5701
Noroxycodone	Noroxycodone-D3	4.878	138103	62658	2.2041	103.7199
Naltrexone	Naltrexone-D3	5.071	243354	118468	2.0542	100.7078
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.204	87875	405518	0.2167	9.9608
Naltrexol	Naltrexol-D3	5.350	783481	311229	2.5174	102.5405
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.479	1719823	804214	2.1385	98.8376
Ketamine	Ketamine-D4	6.281	626409	260827	2.4016	102.5845
Norfentanyl	Norfentanyl-D5	6.324	106860	526664	0.2029	9.2644
alpha-PVP	alpha-PVP-d8	6.628	964133	410556	2.3484	107.8688
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	79172	436690	0.1813	10.1908
Norbuprenorphine	Norbuprenorphine-D3	7.255	1383	7677	0.1801	9.1597
Fentanyl	Fentanyl-D5	7.299	62591	299448	0.2090	9.0991
EDDP	EDDP-D3	7.390	108502	58242	1.8629	87.6284
Cyclobenzaprine	Cyclobenzaprine-D3	7.633	305059	131944	2.3120	98.5721
Sufentanil	Sufentanil-D5	7.559	48210	216668	0.2225	9.8643
Quetiapine	Quetiapine-D8	7.580	1493699	194278	7.6885	109.3943
Methadone	Methadone-D9	7.643	683672	326534	2.0937	112.7446
Fluoxetine	Fluoxetine-D6	7.685	677153	347585	1.9482	95.3279
Oxazepam	Oxazepam-D5	7.710	58464	25069	2.3321	102.3584
Buprenorphine	Buprenorphine-D4	7.757	17671	65913	0.2681	9.9098
Sertraline	Sertraline-D3	7.746	178876	94759	1.8877	91.2357

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

b qc 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	469288	222302	2.1110	100.7470
Nordiazepam	Nordiazepam-D5	7.836	110877	30983	3.5786	106.3884
Diazepam	Diazepam-D5	7.891	501731	197072	2.5459	101.6517



ISP FORENSICS - Cd'A Instrument # 62340

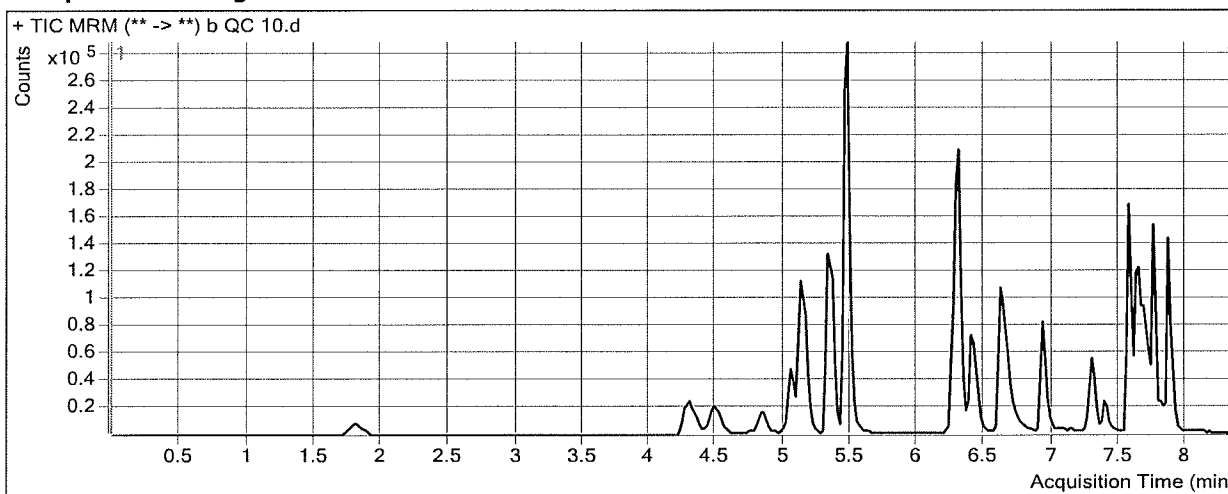
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin		
Analysis Time	6/19/2017 10:26 AM	Analyst Name	ISP Tox
Report Time	6/19/2017 10:27 AM	Reporter Name	ISP Tox
Last Calib Update	6/19/2017 10:26 AM	Batch State	Processed

Analysis Info

Acq Time	2017-06-14 21:22	Data File	b QC 10.d
Sample Type	QC	Sample Name	b QC 10
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-A2	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.828	9816	45260	0.2169	10.4887
Dihydrocodeine	Dihydrocodeine-D6	4.355	20886	104751	0.1994	11.0594
Naloxone	Naloxone-D5	4.530	13136	98928	0.1328	10.6966
Noroxycodone	Noroxycodone-D3	4.878	13828	63475	0.2179	10.5577
Naltrexone	Naltrexone-D3	5.071	24288	130818	0.1857	9.7321
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	7734	402133	0.0192	0.9562
Naltrexol	Naltrexol-D3	5.350	81147	334825	0.2424	10.1995
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.479	180605	842604	0.2143	10.2695
Ketamine	Ketamine-D4	6.259	59979	266330	0.2252	10.1593
Norfentanyl	Norfentanyl-D5	6.324	10179	532256	0.0191	1.1958
alpha-PVP	alpha-PVP-d8	6.628	86316	400417	0.2156	10.0636
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	5076	267737	0.0190	1.1492
Norbuprenorphine	Norbuprenorphine-D3	7.235	98	5537	0.0176	0.8509
Fentanyl	Fentanyl-D5	7.299	3615	146962	0.0246	1.1841
EDDP	EDDP-D3	7.390	10880	52061	0.2090	11.4509
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	11860	52586	0.2255	10.8610
Sufentanil	Sufentanil-D5	7.559	2468	99870	0.0247	1.1152
Quetiapine	Quetiapine-D8	7.560	117150	154509	0.7582	10.2232
Methadone	Methadone-D9	7.643	43289	226638	0.1910	10.7316
Fluoxetine	Fluoxetine-D6	7.685	27907	141423	0.1973	10.1486
Oxazepam	Oxazepam-D5	7.710	5401	28944	0.1866	8.6657
Buprenorphine	Buprenorphine-D4	7.757	1150	51143	0.0225	1.1792
Sertraline	Sertraline-D3	7.746	6884	36020	0.1911	10.7322

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

b Qc10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.748	42261	220932	0.1913	10.5609
Nordiazepam	Nordiazepam-D5	7.836	9887	30842	0.3206	10.2022
Diazepam	Diazepam-D5	7.871	52493	208617	0.2516	10.9225

ISP FORENSICS - Cd'A Instrument # 62340

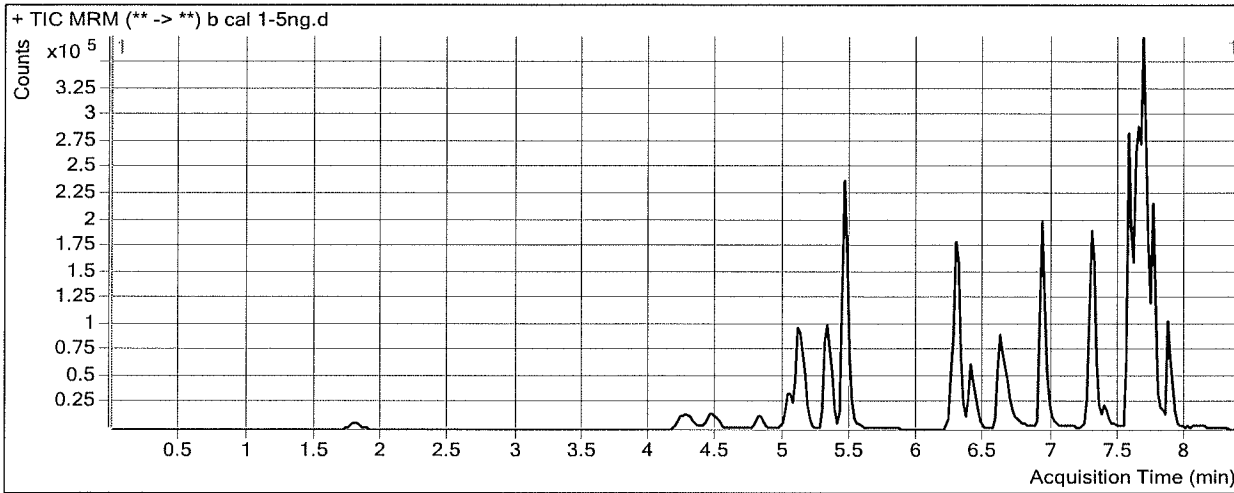
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 10:26 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:27 AM	Batch State	Processed
Last Calib Update	6/19/2017 10:26 AM		

Analysis Info

Acq Time	2017-06-14 16:55	Data File	b cal 1-5ng.d
Sample Type	Calibration	Sample Name	b cal 1-5ng/mL
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-A1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



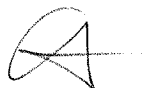
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	4120	39322	0.1048	5.8333
Dihydrocodeine	Dihydrocodeine-D6	4.335	8309	92094	0.0902	6.2094
Naloxone	Naloxone-D5	4.510	5314	87873	0.0605	5.6810
Noroxycodone	Noroxycodone-D3	4.838	5658	55203	0.1025	5.1468
Naltrexone	Naltrexone-D3	5.051	10546	118355	0.0891	5.0307
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	3769	384718	0.0098	0.5259
Naltrexol	Naltrexol-D3	5.330	31885	292373	0.1091	4.7890
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	73467	727678	0.1010	5.0507
Ketamine	Ketamine-D4	6.259	24985	236555	0.1056	5.0809
Norfentanyl	Norfentanyl-D5	6.304	4224	473141	0.0089	0.7481
alpha-PVP	alpha-PVP-d8	6.628	40218	372485	0.1080	5.1297
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	5511	663670	0.0083	0.5557
Norbuprenorphine	Norbuprenorphine-D3	7.255	104	11946	0.0087	0.3960
Fentanyl	Fentanyl-D5	7.299	6030	547284	0.0110	0.6013
EDDP	EDDP-D3	7.390	4587	50740	0.0904	5.9886
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	25378	244105	0.1040	5.7504
Sufentanil	Sufentanil-D5	7.579	4978	401628	0.0124	0.5702
Quetiapine	Quetiapine-D8	7.560	69267	203583	0.3402	4.2421
Methadone	Methadone-D9	7.643	47174	571720	0.0825	4.9148
Fluoxetine	Fluoxetine-D6	7.685	63563	717262	0.0886	4.8597
Oxazepam	Oxazepam-D5	7.710	2561	24368	0.1051	5.1058
Buprenorphine	Buprenorphine-D4	7.757	992	130606	0.0076	0.6501
Sertraline	Sertraline-D3	7.746	17022	188643	0.0902	5.9456

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

b cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.768	16263	186548	0.0872	5.6701
Nordiazepam	Nordiazepam-D5	7.836	4460	28580	0.1561	5.3450
Diazepam	Diazepam-D5	7.871	20580	188871	0.1090	5.2810



ISP FORENSICS - Cd'A Instrument # 62340

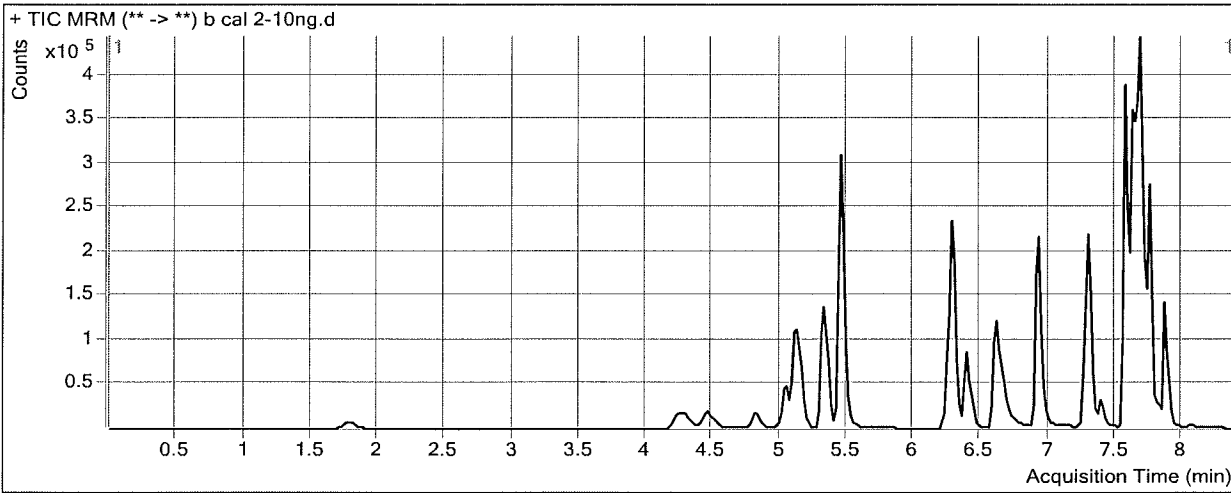
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 17:21 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng/mL
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	9641	45826	0.2104	10.2191
Dihydrocodeine	Dihydrocodeine-D6	4.315	20152	106810	0.1887	10.5836
Naloxone	Naloxone-D5	4.510	12505	104095	0.1201	9.8193
Noroxycodone	Noroxycodone-D3	4.858	13060	67855	0.1925	9.3670
Naltrexone	Naltrexone-D3	5.051	26366	139770	0.1886	9.8769
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	8550	452809	0.0189	0.9402
Naltrexol	Naltrexol-D3	5.330	82426	347747	0.2370	9.9832
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	180964	865262	0.2091	10.0302
Ketamine	Ketamine-D4	6.259	60263	281986	0.2137	9.6711
Norfentanyl	Norfentanyl-D5	6.304	10334	581527	0.0178	1.1364
alpha-PVP	alpha-PVP-d8	6.628	94300	457583	0.2061	9.6288
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	11423	746482	0.0153	0.9455
Norbuprenorphine	Norbuprenorphine-D3	7.235	287	13352	0.0215	1.0506
Fentanyl	Fentanyl-D5	7.299	12126	611194	0.0198	0.9799
EDDP	EDDP-D3	7.390	11581	62779	0.1845	10.3213
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	55000	266676	0.2062	10.0499
Sufentanil	Sufentanil-D5	7.559	8983	448502	0.0200	0.9079
Quetiapine	Quetiapine-D8	7.560	170312	239389	0.7114	9.5540
Methadone	Methadone-D9	7.643	110546	635264	0.1740	9.8206
Fluoxetine	Fluoxetine-D6	7.685	160576	811290	0.1979	10.1775
Oxazepam	Oxazepam-D5	7.710	6032	29109	0.2072	9.5663
Buprenorphine	Buprenorphine-D4	7.757	2653	133253	0.0199	1.0879
Sertraline	Sertraline-D3	7.746	35737	212644	0.1681	9.6383

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

b cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.748	39738	230474	0.1724	9.6746
Nordiazepam	Nordiazepam-D5	7.836	9655	34437	0.2804	9.0150
Diazepam	Diazepam-D5	7.871	50089	219567	0.2281	9.9933

ISP FORENSICS - Cd'A Instrument # 62340

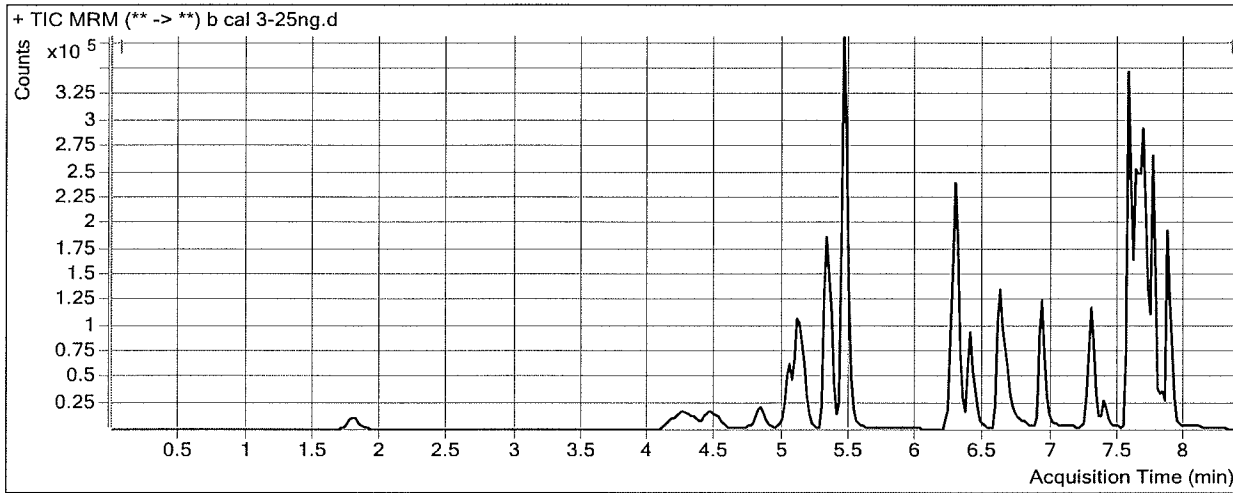
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 17:46 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng/mL
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-C1 **Sample Info**
Inj Vol -i **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	23217	45570	0.5095	22.6414
Dihydrocodeine	Dihydrocodeine-D6	4.255	49105	102743	0.4779	23.4359
Naloxone	Naloxone-D5	4.510	31804	97084	0.3276	24.2114
Noroxycodone	Noroxycodone-D3	4.858	32284	62246	0.5187	24.6664
Naltrexone	Naltrexone-D3	5.051	66503	132420	0.5022	25.1448
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	21095	432848	0.0487	2.3015
Naltrexol	Naltrexol-D3	5.330	204946	339284	0.6041	24.8805
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	448788	845800	0.5306	24.8269
Ketamine	Ketamine-D4	6.259	151494	264211	0.5734	24.9452
Norfentanyl	Norfentanyl-D5	6.304	24634	508327	0.0485	2.4838
alpha-PVP	alpha-PVP-d8	6.628	193966	377716	0.5135	23.7274
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	16131	406419	0.0397	2.3039
Norbuprenorphine	Norbuprenorphine-D3	7.235	308	7378	0.0418	2.0857
Fentanyl	Fentanyl-D5	7.299	15500	306760	0.0505	2.2969
EDDP	EDDP-D3	7.390	19950	45165	0.4417	22.1701
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	70693	142122	0.4974	22.2900
Sufentanil	Sufentanil-D5	7.559	11630	209826	0.0554	2.4737
Quetiapine	Quetiapine-D8	7.560	322443	168876	1.9093	26.6958
Methadone	Methadone-D9	7.643	146599	318762	0.4599	25.1482
Fluoxetine	Fluoxetine-D6	7.685	211374	414998	0.5093	25.3280
Oxazepam	Oxazepam-D5	7.710	14389	24772	0.5809	25.8830
Buprenorphine	Buprenorphine-D4	7.757	3198	66087	0.0484	2.1005
Sertraline	Sertraline-D3	7.746	54741	113656	0.4816	24.5178

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

b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.748	108388	219512	0.4938	24.7710
Nordiazepam	Nordiazepam-D5	7.836	25518	31715	0.8046	24.4927
Diazepam	Diazepam-D5	7.871	128194	214701	0.5971	24.5838

A

ISP FORENSICS - Cd'A Instrument # 62340

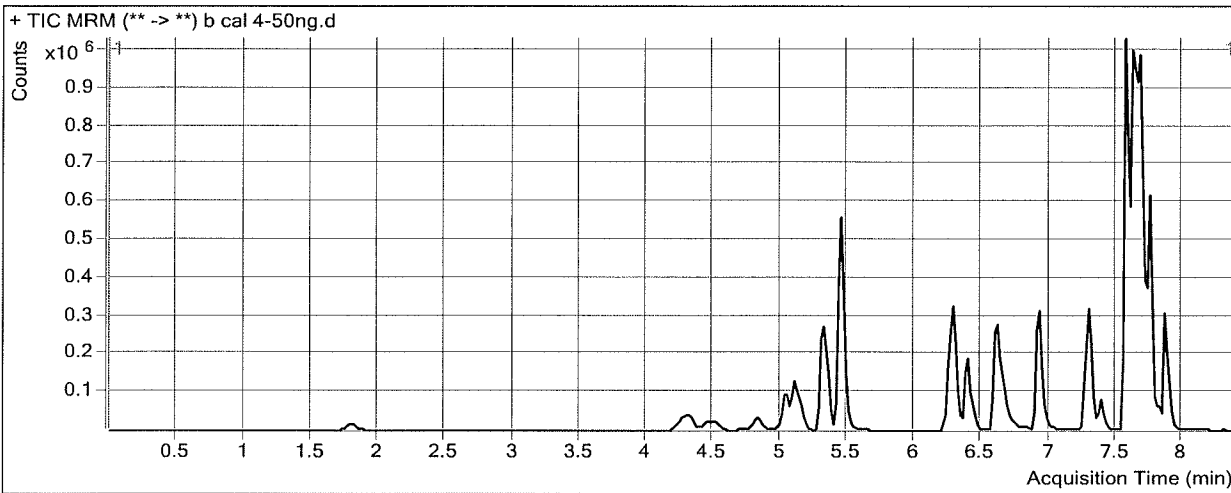
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 10:26 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:27 AM	Batch State	Processed
Last Calib Update	6/19/2017 10:26 AM		

Analysis Info

Acq Time	2017-06-14 18:11	Data File	b cal 4-50ng.d
Sample Type	Calibration	Sample Name	b cal 4-50ng/mL
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-D1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.828	53273	47992	1.1100	47.5836
Dihydrocodeine	Dihydrocodeine-D6	4.315	111827	112234	0.9964	46.4708
Naloxone	Naloxone-D5	4.510	70256	105031	0.6689	47.8881
Noroxycodone	Noroxycodone-D3	4.838	75154	70812	1.0613	50.1200
Naltrexone	Naltrexone-D3	5.051	138115	139505	0.9900	48.8964
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	47975	466400	0.1029	4.7698
Naltrexol	Naltrexol-D3	5.330	449226	354729	1.2664	51.7642
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	982047	909872	1.0793	50.0839
Ketamine	Ketamine-D4	6.259	353147	304897	1.1582	49.7823
Norfentanyl	Norfentanyl-D5	6.304	63264	628819	0.1006	4.7733
alpha-PVP	alpha-PVP-d8	6.628	597652	538410	1.1100	51.0818
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	84887	986781	0.0860	4.8844
Norbuprenorphine	Norbuprenorphine-D3	7.235	1850	16809	0.1101	5.5767
Fentanyl	Fentanyl-D5	7.299	85130	808564	0.1053	4.6470
EDDP	EDDP-D3	7.390	89680	94736	0.9466	45.4248
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	392030	354806	1.1049	47.8278
Sufentanil	Sufentanil-D5	7.559	63124	580856	0.1087	4.8290
Quetiapine	Quetiapine-D8	7.560	1089614	296501	3.6749	51.9607
Methadone	Methadone-D9	7.643	810085	866299	0.9351	50.6263
Fluoxetine	Fluoxetine-D6	7.685	1101733	1083696	1.0166	50.0088
Oxazepam	Oxazepam-D5	7.710	30905	31382	0.9848	43.5224
Buprenorphine	Buprenorphine-D4	7.757	19172	171262	0.1119	4.3595
Sertraline	Sertraline-D3	7.746	282645	281496	1.0041	49.3082

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

b-cal 4

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Temazepam	Temazepam-D5	7.748	224984	228969	0.9826	47.7351
Nordiazepam	Nordiazepam-D5	7.836	57222	33277	1.7196	51.5048
Diazepam	Diazepam-D5	7.871	274426	229297	1.1968	48.3006

ISP FORENSICS - Cd'A Instrument # 62340

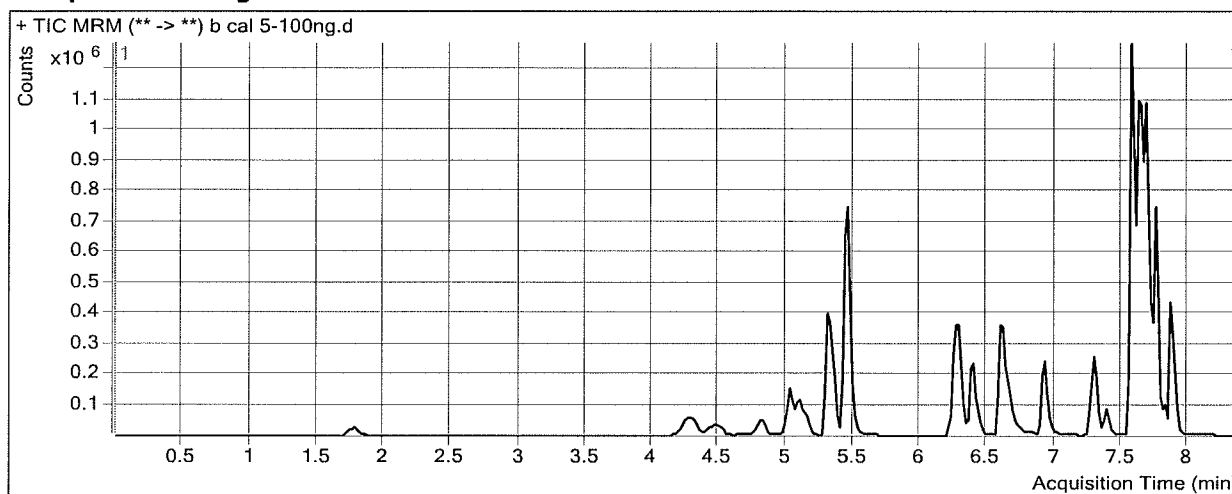
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 18:37 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng/mL
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.788	101901	45592	2.2351	94.3075
Dihydrocodeine	Dihydrocodeine-D6	4.295	210736	104040	2.0255	92.1968
Naloxone	Naloxone-D5	4.490	131135	97626	1.3432	94.6681
Noroxycodone	Noroxycodone-D3	4.838	137682	60701	2.2682	106.7260
Naltrexone	Naltrexone-D3	5.031	252584	119197	2.1190	103.8664
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.164	89457	419192	0.2134	9.8105
Naltrexol	Naltrexol-D3	5.310	807792	320074	2.5238	102.8000
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	1829926	836427	2.1878	101.1056
Ketamine	Ketamine-D4	6.259	662847	275775	2.4036	102.6672
Norfentanyl	Norfentanyl-D5	6.304	108927	525810	0.2072	9.4514
alpha-PVP	alpha-PVP-d8	6.628	943805	428702	2.2015	101.1360
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	119728	649266	0.1844	10.3637
Norbuprenorphine	Norbuprenorphine-D3	7.235	2594	12232	0.2121	10.7926
Fentanyl	Fentanyl-D5	7.299	122013	549297	0.2221	9.6615
EDDP	EDDP-D3	7.390	134555	64912	2.0729	97.2984
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	559749	235399	2.3779	101.3400
Sufentanil	Sufentanil-D5	7.559	92519	399144	0.2318	10.2751
Quetiapine	Quetiapine-D8	7.560	1658700	221147	7.5004	106.7035
Methadone	Methadone-D9	7.643	1096121	586022	1.8704	100.7738
Fluoxetine	Fluoxetine-D6	7.685	1515777	716420	2.1158	103.4819
Oxazepam	Oxazepam-D5	7.710	60037	23844	2.5179	110.4703
Buprenorphine	Buprenorphine-D4	7.757	26944	108504	0.2483	9.2069
Sertraline	Sertraline-D3	7.746	380301	187872	2.0242	97.7159

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
Temazepam	Temazepam-D5	7.748	430819	212546	2.0269	96.7966
Nordiazepam	Nordiazepam-D5	7.836	107123	30458	3.5171	104.5723
Diazepam	Diazepam-D5	7.871	503488	199623	2.5222	100.7131



ISP FORENSICS - Cd'A Instrument # 62340

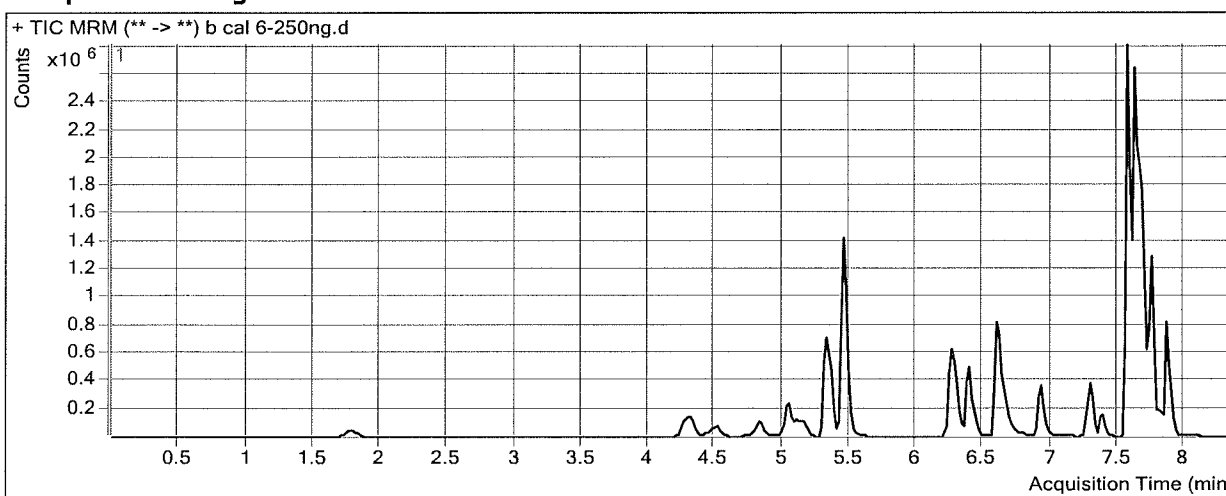
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 19:02 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng/mL
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	226849	37888	5.9873	250.1442
Dihydrocodeine	Dihydrocodeine-D6	4.315	478352	93493	5.1165	229.5316
Naloxone	Naloxone-D5	4.510	281623	79653	3.5356	246.7567
Noroxycodone	Noroxycodone-D3	4.838	318597	55501	5.7404	269.5841
Naltrexone	Naltrexone-D3	5.051	483514	101696	4.7545	232.1849
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	206989	369133	0.5607	25.6495
Naltrexol	Naltrexol-D3	5.330	1632513	264871	6.1634	250.5302
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	4015015	752814	5.3333	245.8926
Ketamine	Ketamine-D4	6.259	1448243	250099	5.7907	246.5057
Norfentanyl	Norfentanyl-D5	6.304	270300	495150	0.5459	24.3233
alpha-PVP	alpha-PVP-d8	6.608	2320264	430043	5.3954	247.6002
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	341768	750300	0.4555	25.4628
Norbuprenorphine	Norbuprenorphine-D3	7.235	5754	12638	0.4553	23.2256
Fentanyl	Fentanyl-D5	7.279	322913	574873	0.5617	24.2357
EDDP	EDDP-D3	7.390	319689	60123	5.3173	246.7289
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	1242250	218909	5.6747	239.9316
Sufentanil	Sufentanil-D5	7.559	225350	415788	0.5420	23.9960
Quetiapine	Quetiapine-D8	7.560	3828766	218098	17.5552	250.5859
Methadone	Methadone-D9	7.623	2829395	605375	4.6738	251.0735
Fluoxetine	Fluoxetine-D6	7.685	3306651	647663	5.1055	248.9355
Oxazepam	Oxazepam-D5	7.710	124647	20801	5.9923	262.1971
Buprenorphine	Buprenorphine-D4	7.757	63212	102234	0.6183	22.3584
Sertraline	Sertraline-D3	7.746	816369	167132	4.8846	233.4404

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
Temazepam	Temazepam-D5	7.748	863906	161964	5.3339	252.1526
Nordiazepam	Nordiazepam-D5	7.836	216236	25258	8.5612	253.4892
Diazepam	Diazepam-D5	7.871	1012223	163233	6.2011	246.1976



ISP FORENSICS - Cd'A Instrument # 62340

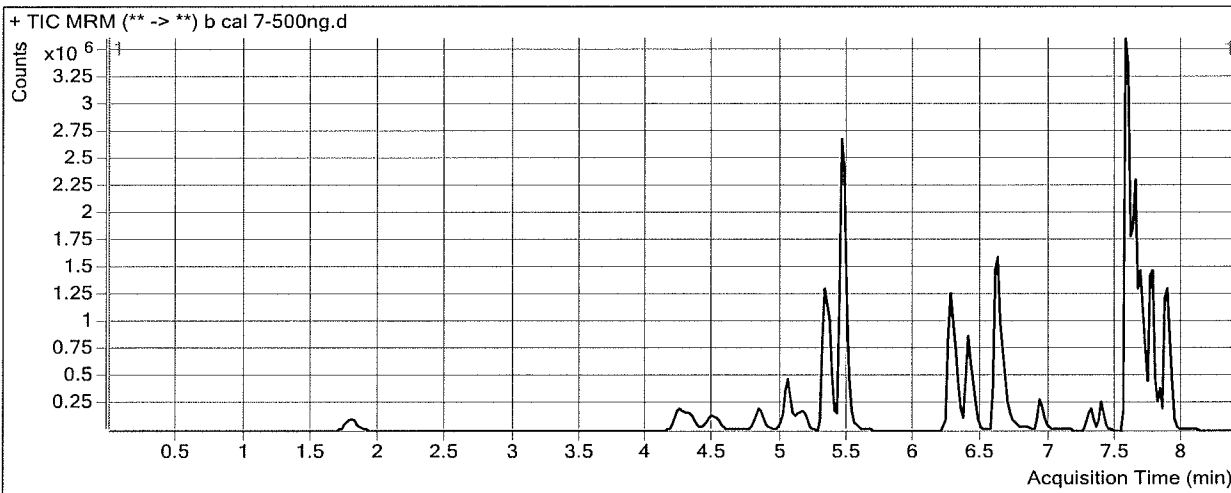
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/19/2017 10:26 AM	Reporter Name	ISP Tox
Report Time	6/19/2017 10:27 AM	Batch State	Processed
Last Calib Update	6/19/2017 10:26 AM		

Analysis Info

Acq Time	2017-06-14 19:28	Data File	b cal 7-500ng.d
Sample Type	Calibration	Sample Name	b cal 7-500ng/mL
Dilution	1	Acq Method	Quant Panel 1b 11-18-2016.m
Position	P1-G1	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	510344	42416	12.0317	501.1802
Dihydrocodeine	Dihydrocodeine-D6	4.255	1033922	100074	10.3316	461.2440
Naloxone	Naloxone-D5	4.490	634592	86405	7.3444	510.9755
Noroxycodone	Noroxycodone-D3	4.838	662277	58795	11.2642	528.6733
Naltrexone	Naltrexone-D3	5.051	1036630	95805	10.8203	527.5196
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.184	463634	384646	1.2054	55.0442
Naltrexol	Naltrexol-D3	5.330	3304275	275033	12.0141	488.0045
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.459	8755619	815749	10.7332	494.4450
Ketamine	Ketamine-D4	6.259	3227183	272442	11.8454	503.6292
Norfentanyl	Norfentanyl-D5	6.304	554569	506742	1.0944	48.4042
alpha-PVP	alpha-PVP-d8	6.628	4802379	434478	11.0532	507.0529
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.942	341916	385557	0.8868	49.4840
Norbuprenorphine	Norbuprenorphine-D3	7.235	6650	7020	0.9473	48.3792
Fentanyl	Fentanyl-D5	7.299	247910	205870	1.2042	51.8099
EDDP	EDDP-D3	7.390	480944	44209	10.8789	502.8871
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	1045371	86259	12.1190	510.8316
Sufentanil	Sufentanil-D5	7.559	169412	150095	1.1287	49.9486
Quetiapine	Quetiapine-D8	7.560	6606898	178343	37.0460	529.4955
Methadone	Methadone-D9	7.643	2615719	276955	9.4445	506.8556
Fluoxetine	Fluoxetine-D6	7.685	2124200	220492	9.6339	469.2455
Oxazepam	Oxazepam-D5	7.710	309461	25060	12.3486	539.7714
Buprenorphine	Buprenorphine-D4	7.757	50809	33534	1.5151	54.2368
Sertraline	Sertraline-D3	7.746	602786	63822	9.4448	449.8238

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
Temazepam	Temazepam-D5	7.768	1973584	196584	10.0394	473.2070
Nordiazepam	Nordiazepam-D5	7.836	408875	25809	15.8421	468.4456
Diazepam	Diazepam-D5	7.891	2091652	168288	12.4290	492.4838

SA

ISP FORENSICS - Cd'A Instrument # 62340

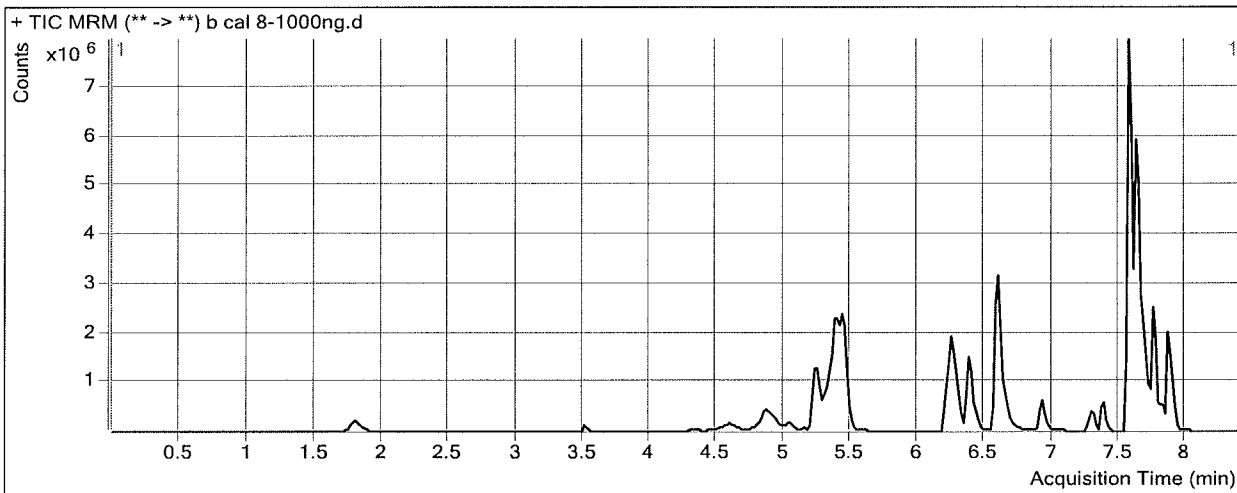
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Analysis Time 6/19/2017 10:26 AM **Analyst Name** ISP Tox
Report Time 6/19/2017 10:27 AM **Reporter Name** ISP Tox
Last Calib Update 6/19/2017 10:26 AM **Batch State** Processed

Analysis Info

Acq Time 2017-06-14 19:53 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng/mL
Dilution 1 **Acq Method** Quant Panel 1b 11-18-2016.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.808	902169	37223	24.2371	1008.0908
Dihydrocodeine	Dihydrocodeine-D6	4.335	114016	4743	24.0400	1070.3279
Naloxone	Naloxone-D5	4.510	125698	6777	18.5477	1288.1656
Noroxycodone	Noroxycodone-D3	4.838	302369	16851	17.9431	841.9396
Naltrexone	Naltrexone-D3	5.051	505937	18244	27.7310	1350.8868
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	5.164	229849	95681	2.4022	109.6233
Naltrexol	Naltrexol-D3	5.249	5961864	240332	24.8068	1007.2484
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.439	15890333	725497	21.9027	1008.5650
Ketamine	Ketamine-D4	6.239	5520640	233809	23.6118	1003.3064
Norfentanyl	Norfentanyl-D5	6.304	1078079	461457	2.3363	102.9276
alpha-PVP	alpha-PVP-d8	6.608	9213680	412453	22.3388	1024.5824
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.920	981683	536428	1.8300	102.0169
Norbuprenorphine	Norbuprenorphine-D3	7.235	13638	6806	2.0039	102.3897
Fentanyl	Fentanyl-D5	7.279	569771	245417	2.3216	99.7679
EDDP	EDDP-D3	7.390	1292497	59095	21.8715	1009.1808
Cyclobenzaprine	Cyclobenzaprine-D3	7.613	2001392	84083	23.8025	1001.9788
Sufentanil	Sufentanil-D5	7.559	386699	169396	2.2828	100.9994
Quetiapine	Quetiapine-D8	7.560	13115836	195223	67.1838	960.7623
Methadone	Methadone-D9	7.643	7098237	384298	18.4707	990.7871
Fluoxetine	Fluoxetine-D6	7.685	3696484	175038	21.1182	1027.9631
Oxazepam	Oxazepam-D5	7.710	477117	23599	20.2178	883.4157
Buprenorphine	Buprenorphine-D4	7.757	110237	34252	3.2184	114.7814
Sertraline	Sertraline-D3	7.746	937137	41639	22.5064	1069.6101

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
Temazepam	Temazepam-D5	7.748	3194052	145904	21.8915	1029.9929
Nordiazepam	Nordiazepam-D5	7.836	734365	21206	34.6305	1023.1354
Diazepam	Diazepam-D5	7.871	3071958	120053	25.5884	1012.8765



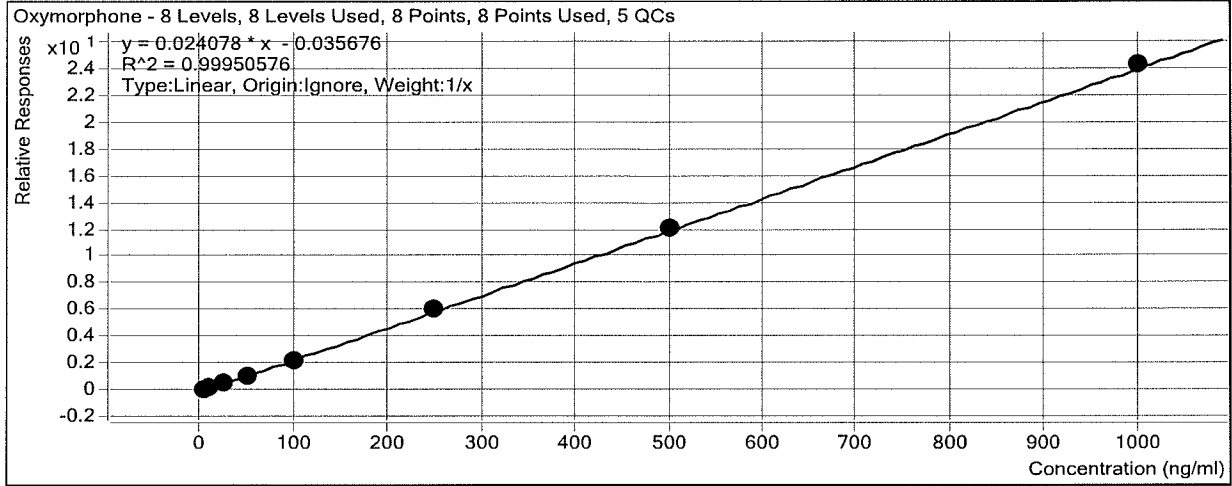
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



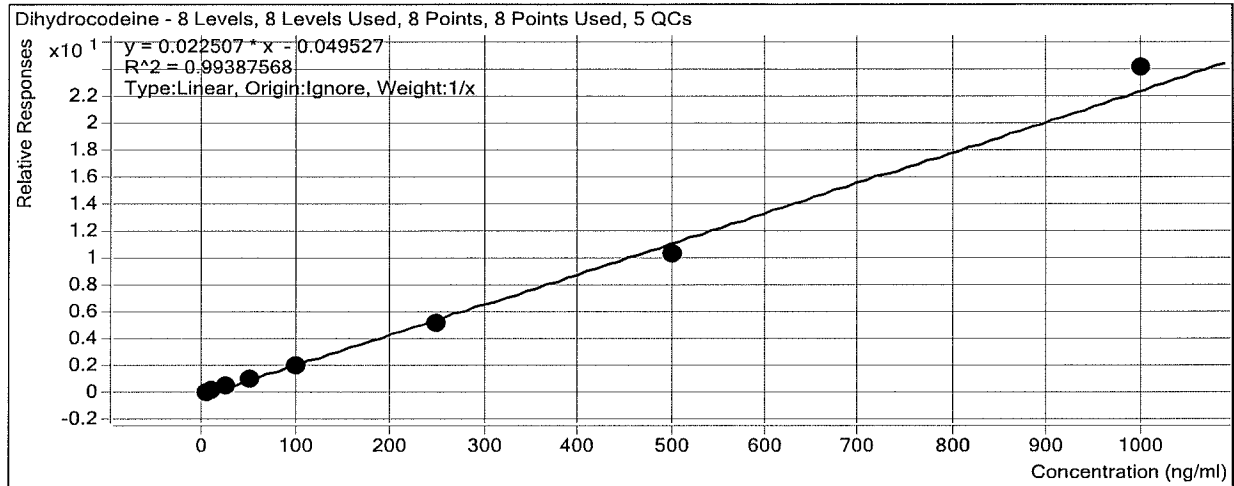
ISP Forensics Calibration Curve Report

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Analyst Name ISP TOX

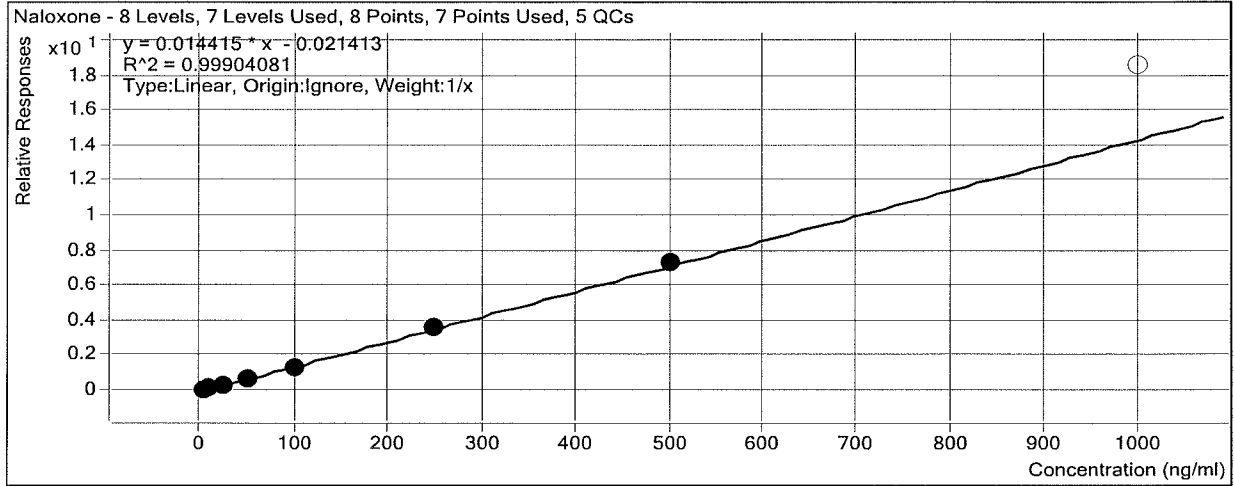
Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Last Calib Update 6/19/2017 10:41 AM **Analyst Name** ISP TOX

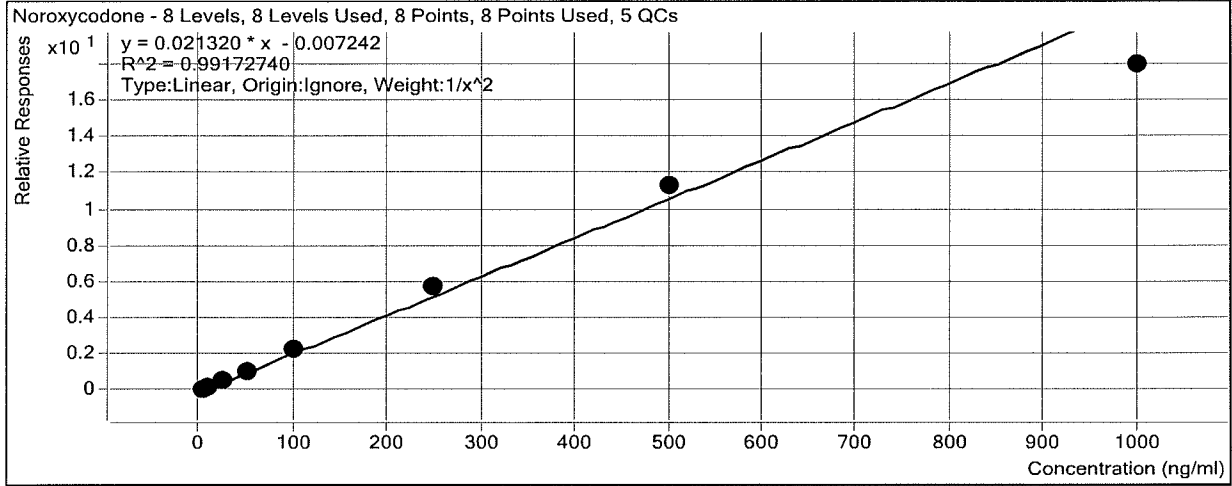
Target Compound *Naloxone*
Internal Standard *Naloxone-D5*



ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Last Calib Update 6/19/2017 10:41 AM **Analyst Name** ISP TOX

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



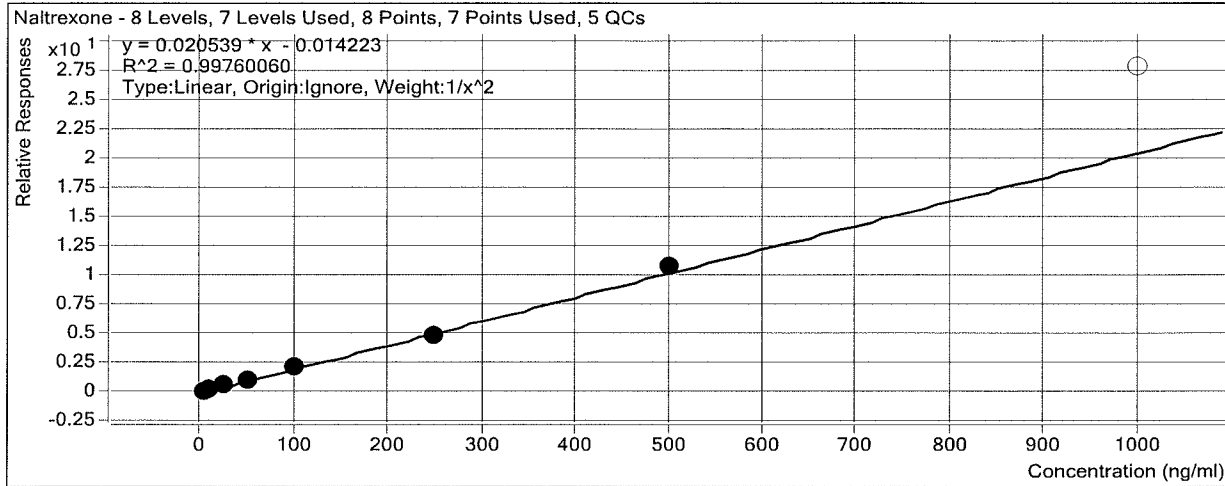
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



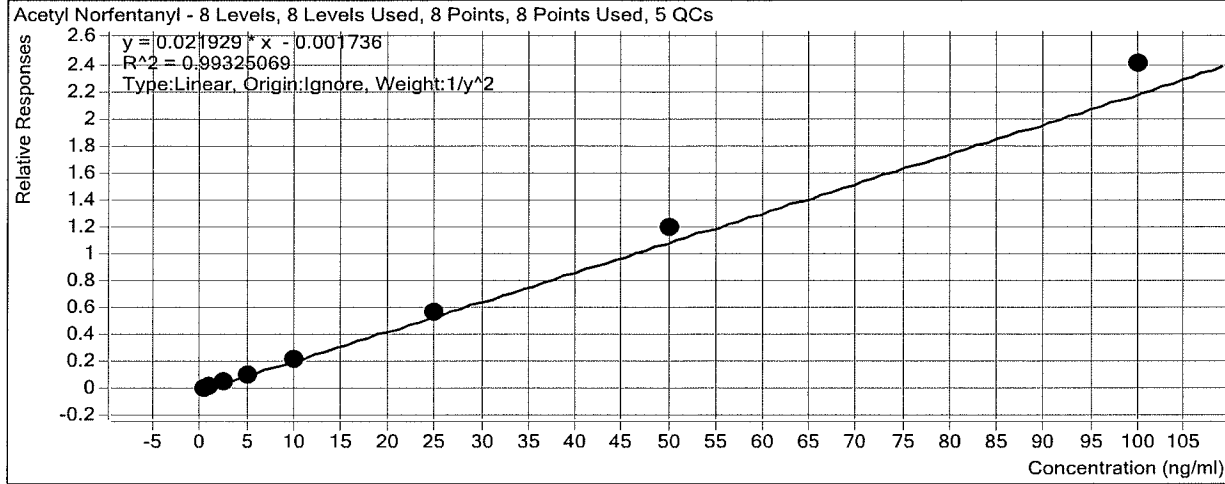
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

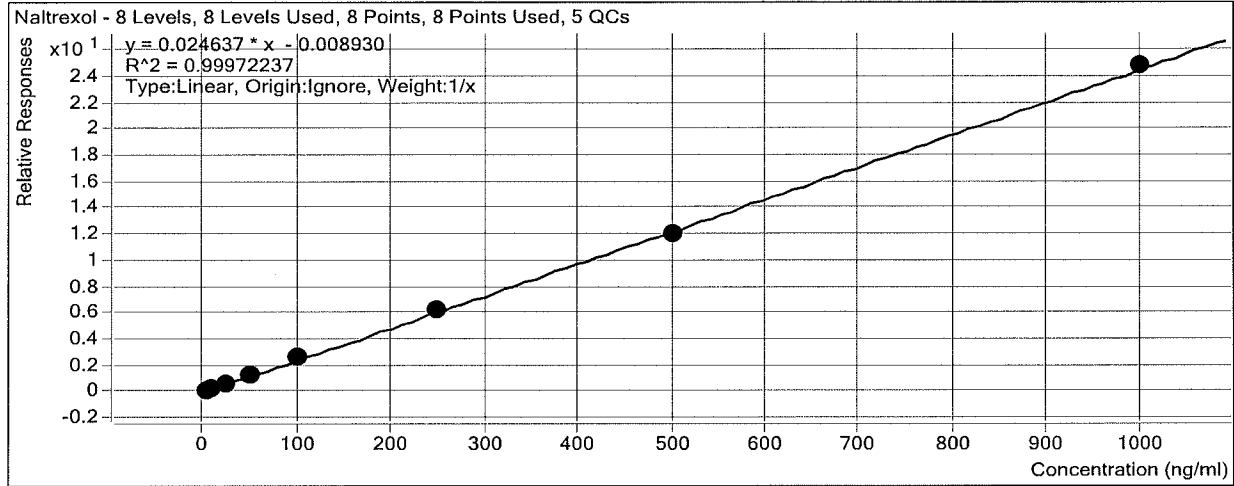
Target Compound *Acetyl Norfentanyl*
Internal Standard *Acetyl Norfentanyl-D5*



ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Last Calib Update 6/19/2017 10:41 AM Analyst Name ISP TOX

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



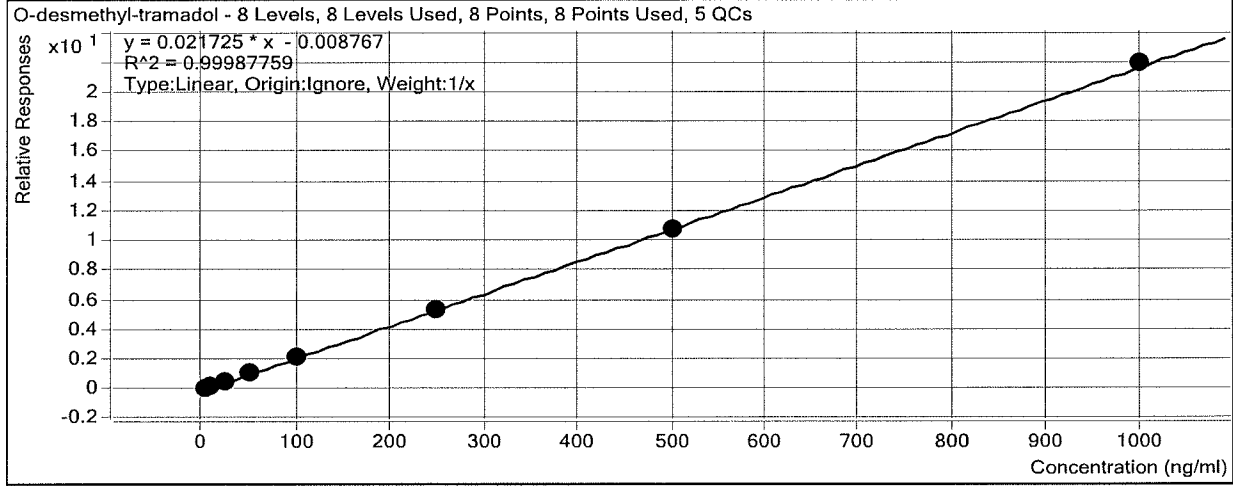
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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6/19/2017 10:41 AM

Analyst Name ISP TOX

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



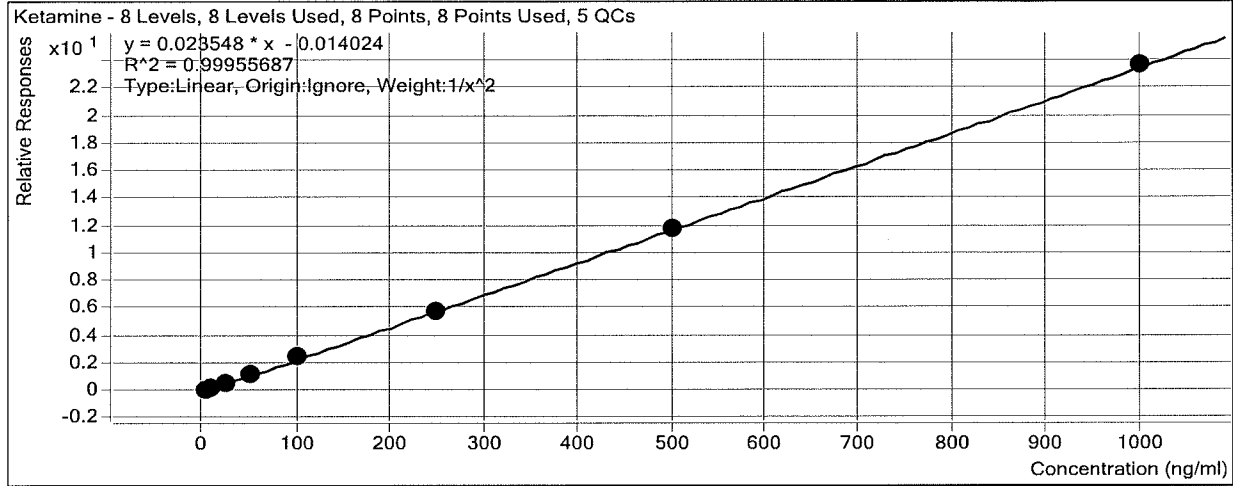
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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6/19/2017 10:41 AM

Analyst Name ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4



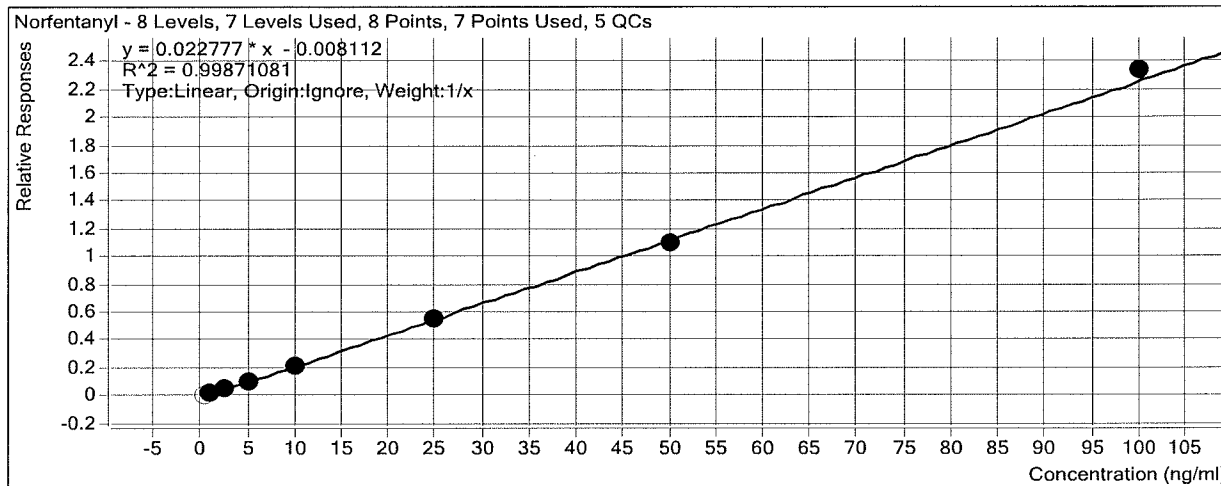
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

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



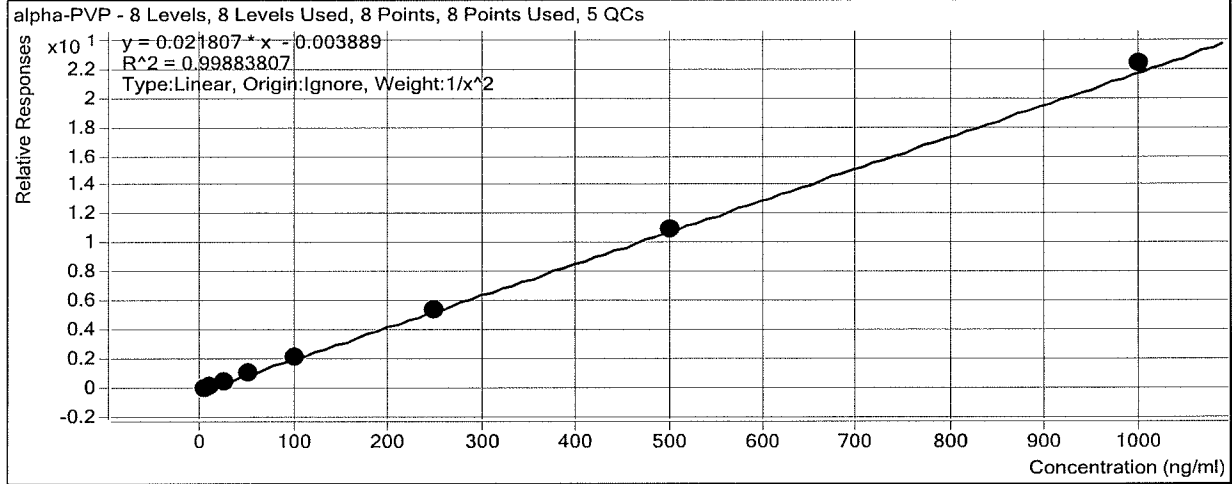
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

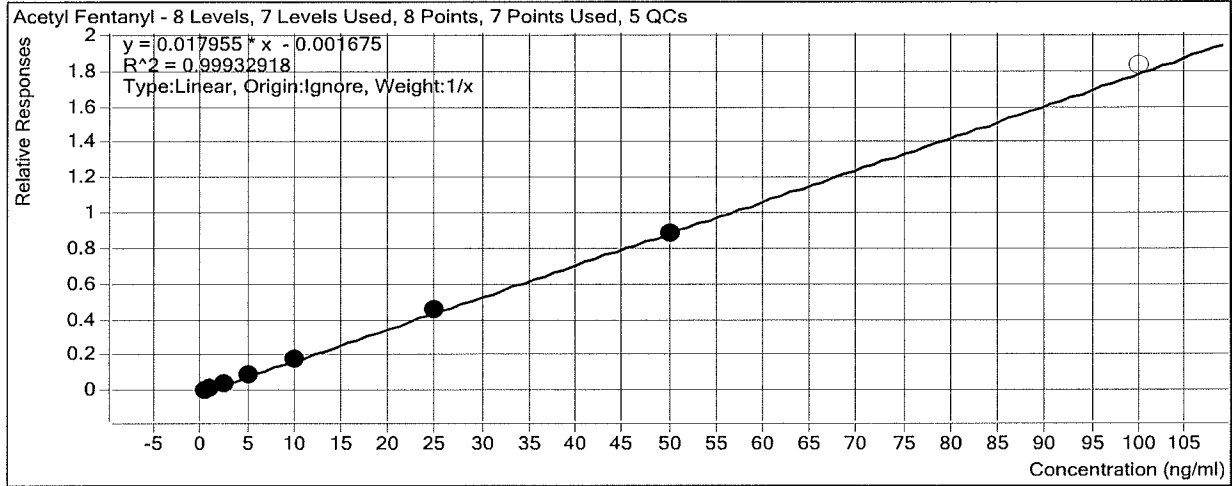
Target Compound *alpha-PVP*
Internal Standard *alpha-PVP-d8*



ISP Forensics Calibration Curve Report

Batch Data Path D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
Last Calib Update 6/19/2017 10:41 AM **Analyst Name** ISP TOX

Target Compound Acetyl Fentanyl
Internal Standard Acetyl Fentanyl-D5



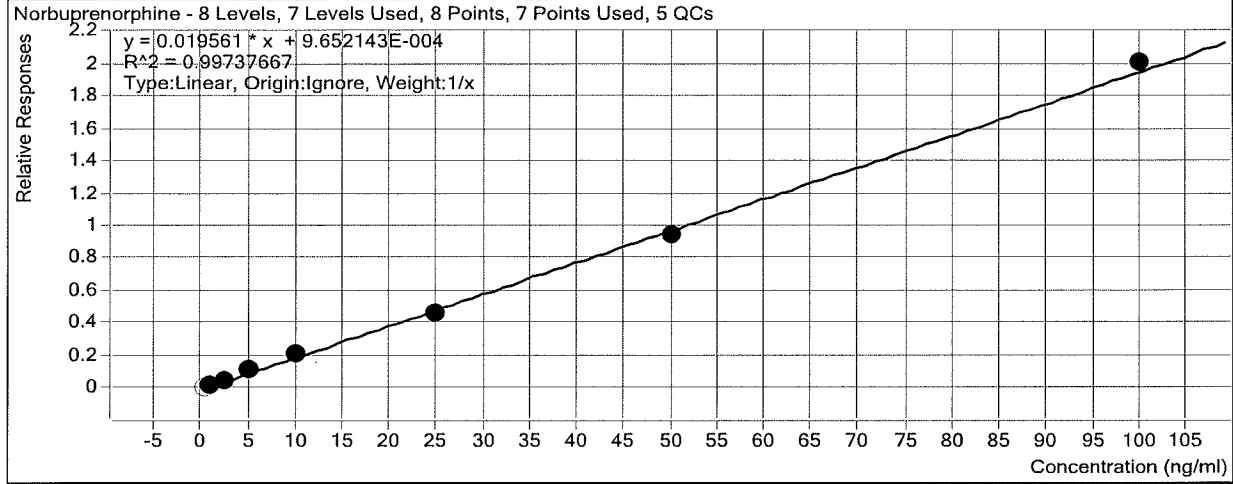
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

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



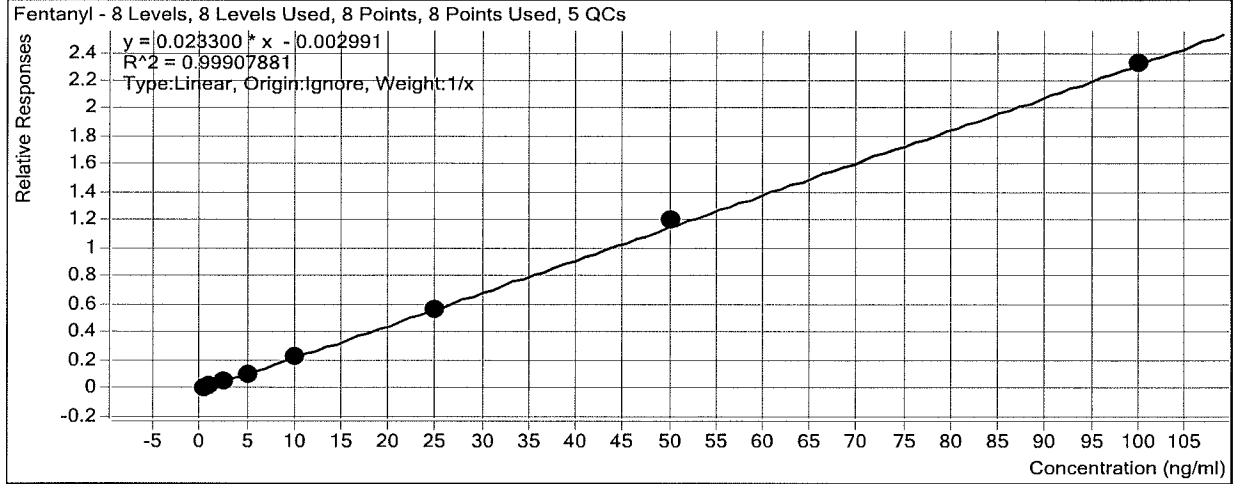
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

Target Compound Fentanyl
Internal Standard Fentanyl-D5



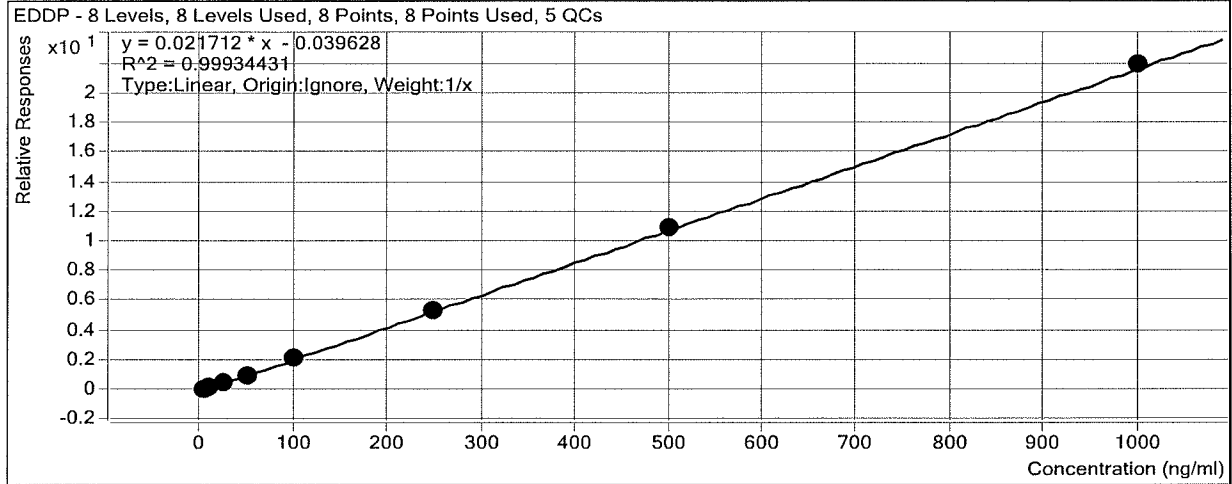
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



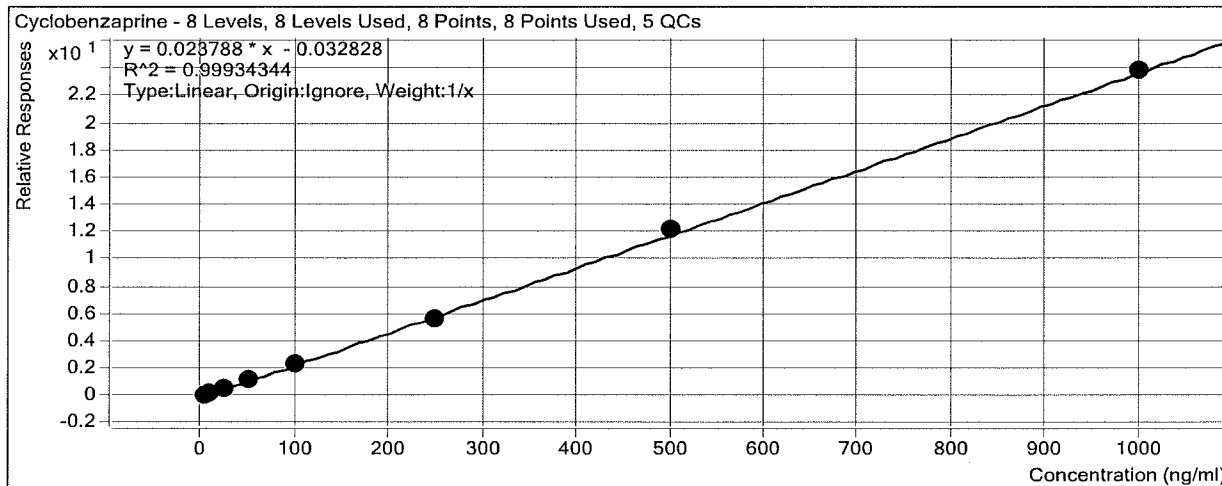
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



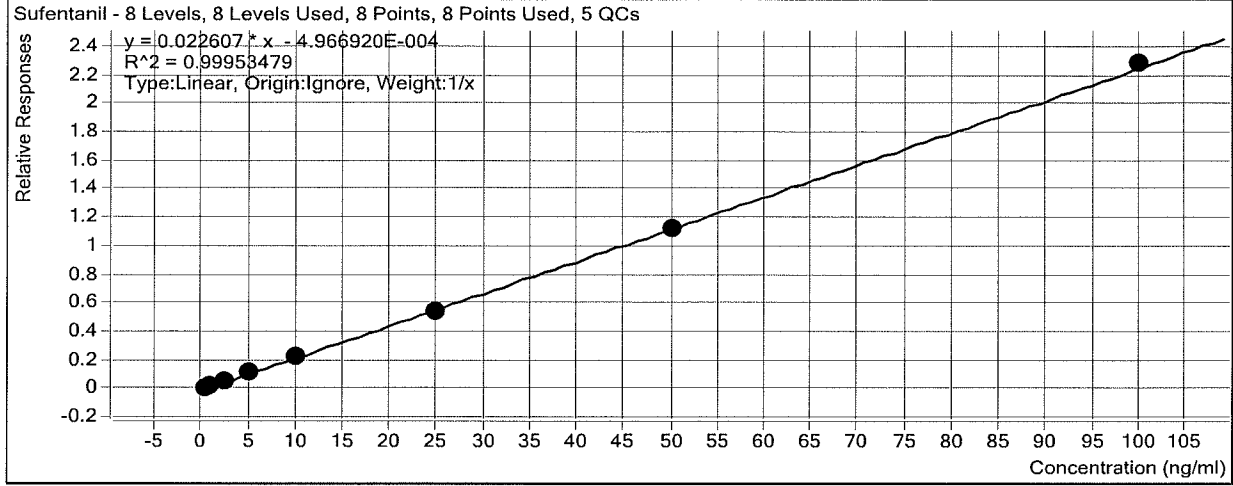
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

Target Compound *Sufentanil*
Internal Standard *Sufentanil-D5*



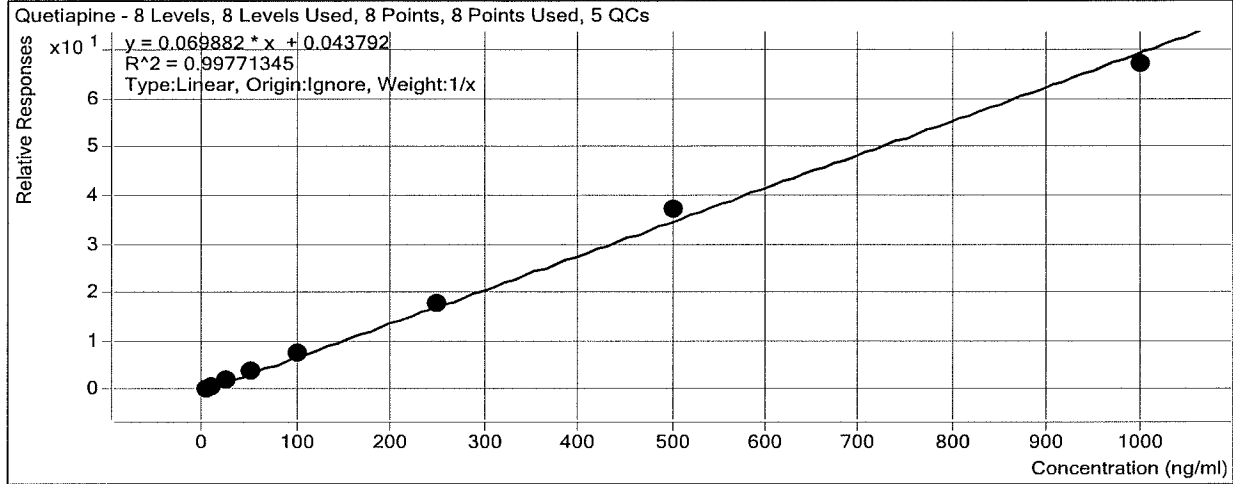
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



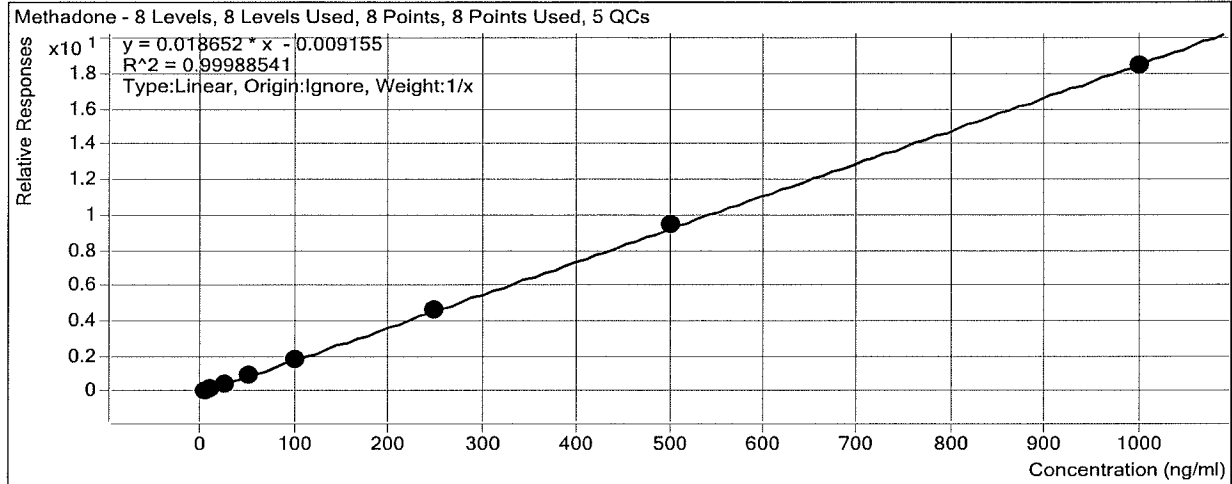
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



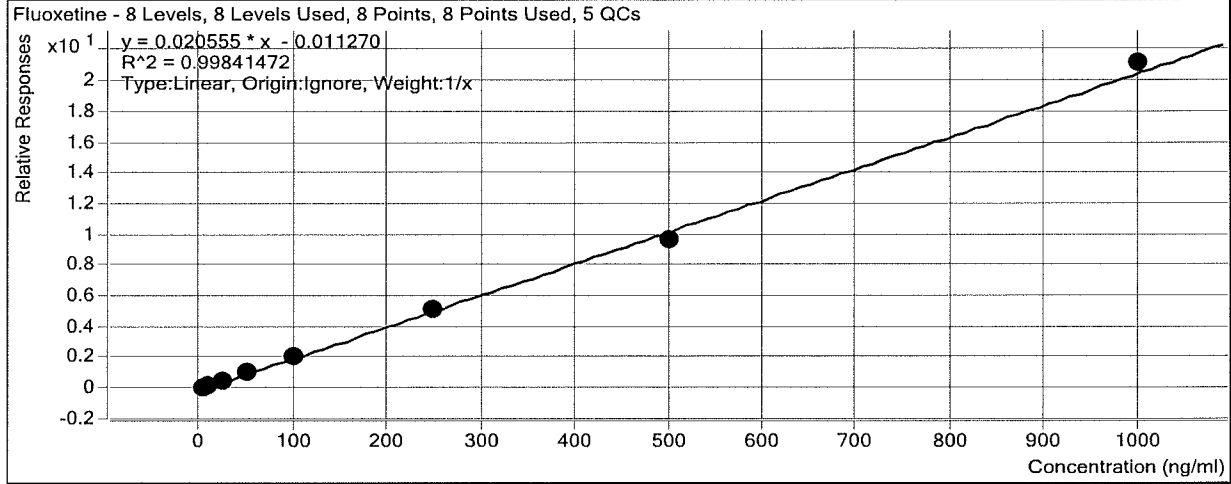
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



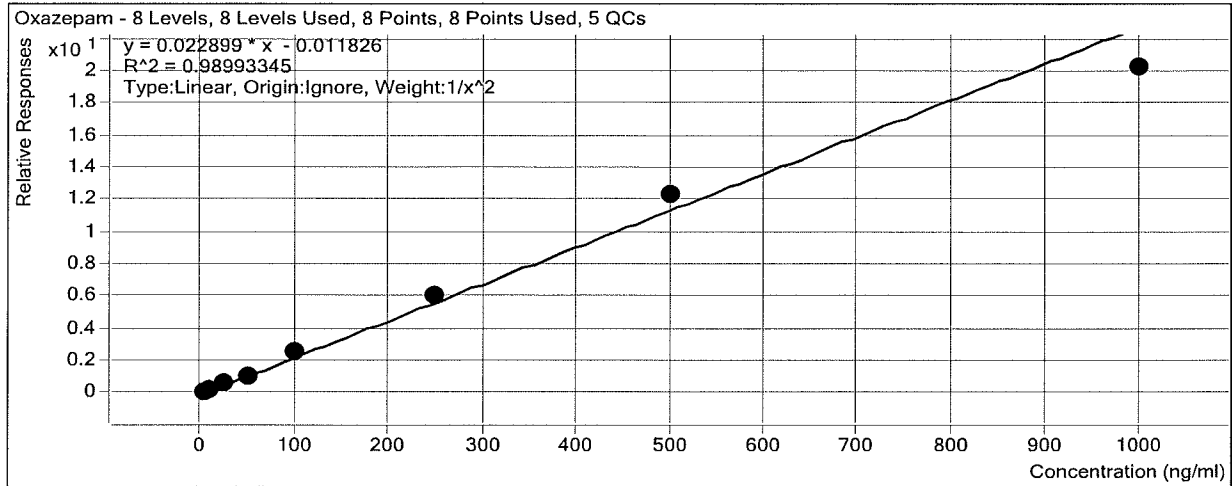
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

Target Compound *Oxazepam*
Internal Standard *Oxazepam-D5*



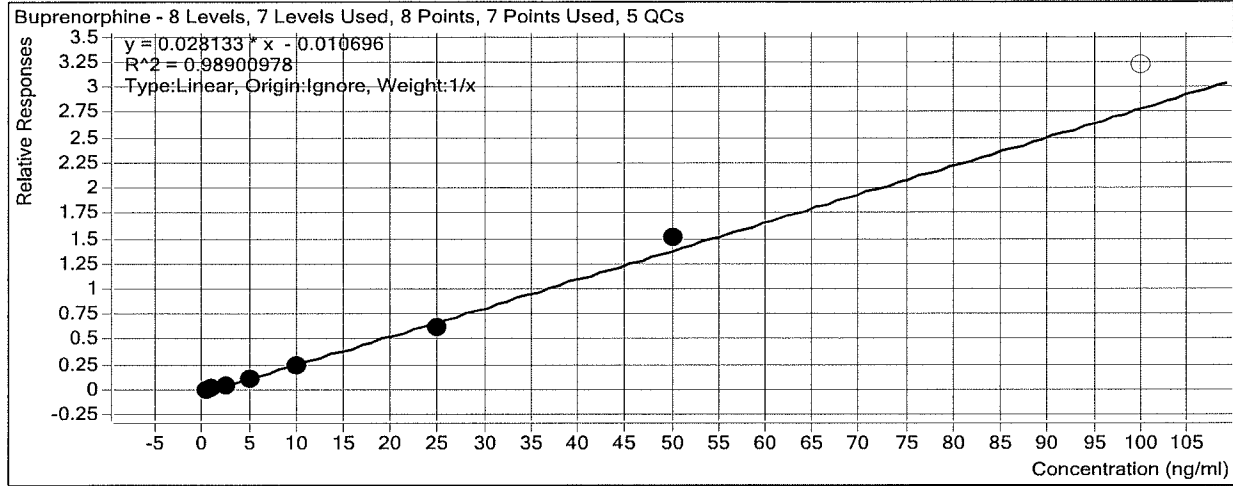
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name ISP TOX

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



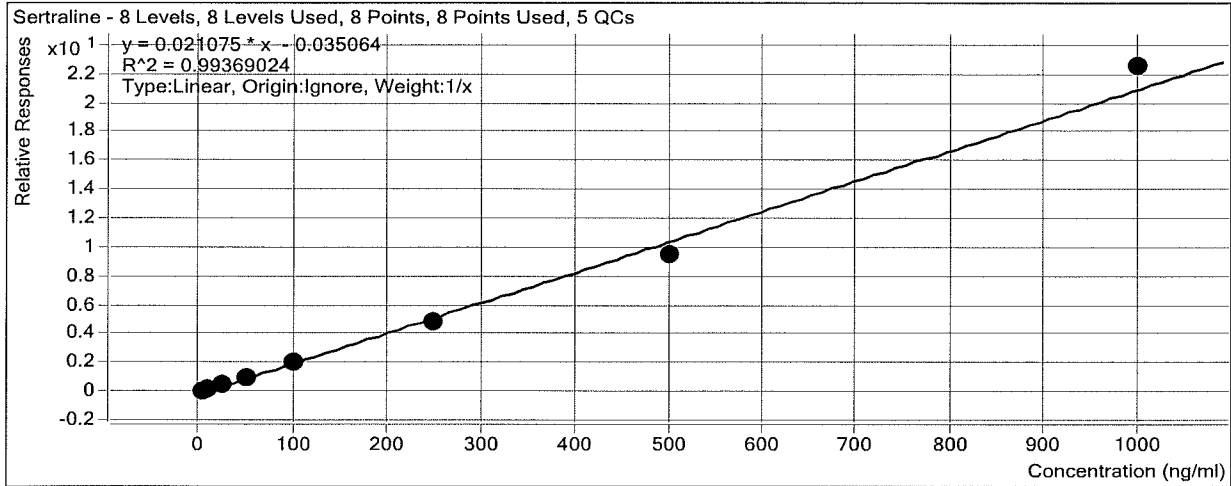
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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

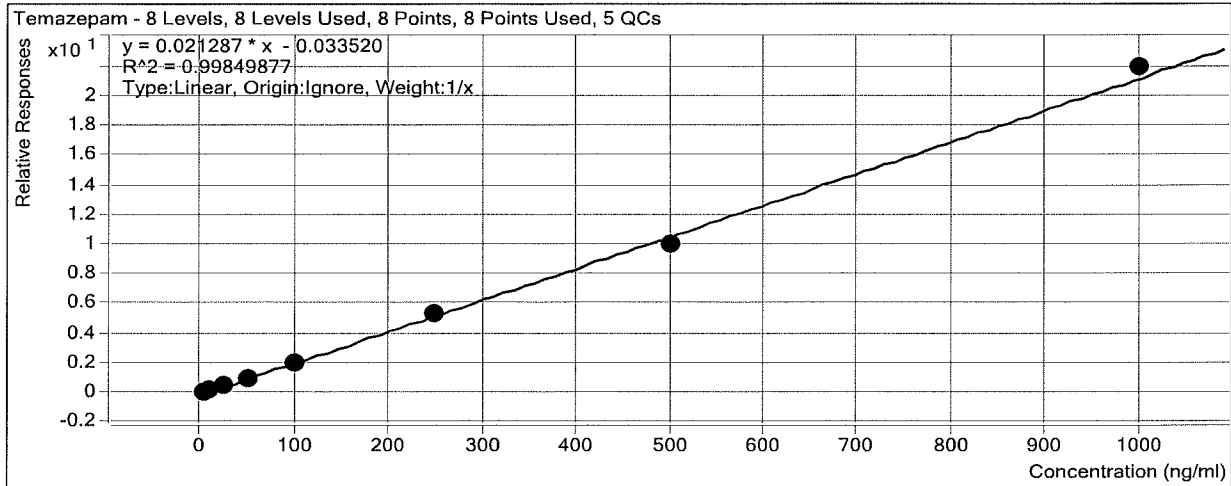


ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM Analyst Name ISP TOX

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



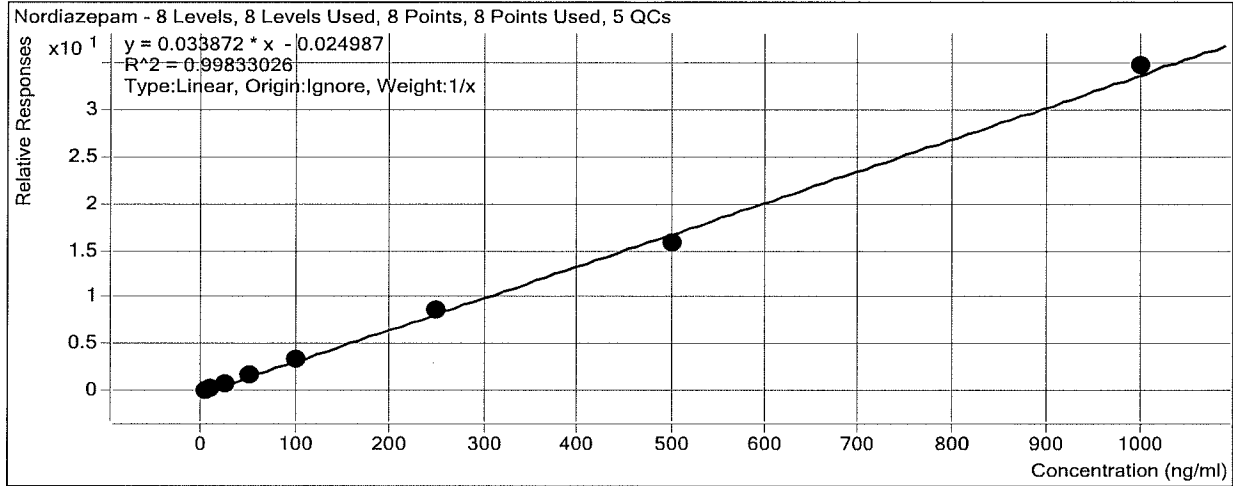
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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



ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2017 Data\61417mdq p1\QuantResults\61417 mdqp1b.batch.bin
6/19/2017 10:41 AM

Analyst Name
ISP TOX

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

