

Bylee

Worklist: 2525

<u>LAB_CASE</u>	<u>ITEM</u>	<u>TASK_ID</u>	<u>DESCRIPTION</u>	
C2018-1045	1	119756	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1046	1	119757	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1047	1	119758	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1062	1	119759	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1077	1	119760	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1081	1	119761	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1136	1	119762	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1137	1	119763	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1181	1	119764	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1197	2	119765	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
C2018-1206	1	119766	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-2862	3	119767	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-1667	1	119768	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-1743	1	119769	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	



Toxicology AM method 28 panel 1 external prep information
working solution 10000 ng/ml in meoh Lorazepam, alprazolam, diphenhydramine, methadone, sertraline
Stock solution 1mg/ml 100 ul each in 9500 ul meOH
Ppd 3/19/18 Exp: 3/19/19 lot 31919 by AMN

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

AM 28 control 50 ul working solution lot (31919) in 9950 ul blood lot (17J20718)
ppd 3/19/18 Exp 9/19/18 by AMN Concentration 50 ng/ml each lot 91918

ISP FORENSICS - Cd'A Instrument # 62340

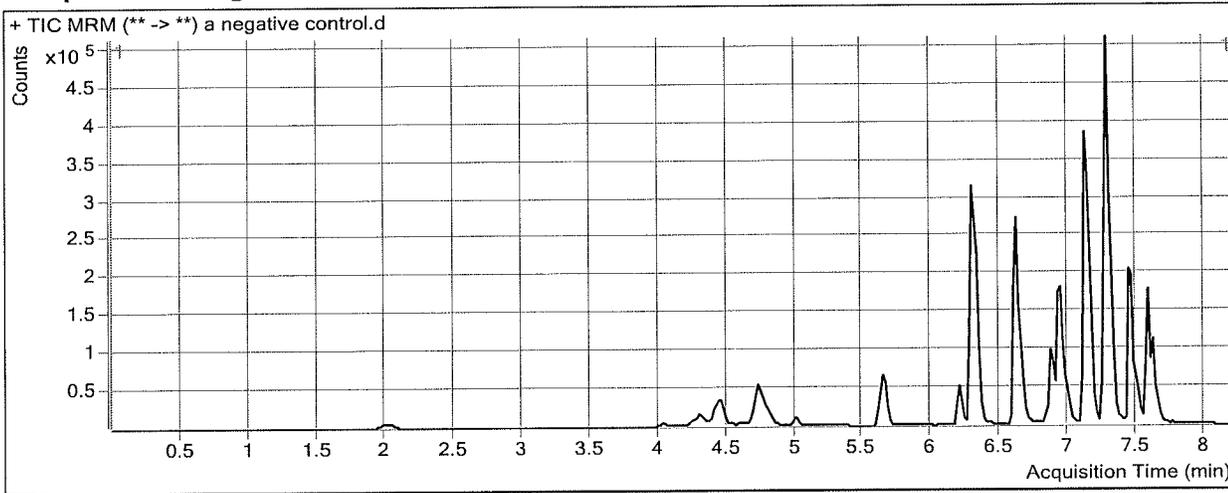
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 16:27 **Data File** a negative control.d
Sample Type Sample **Sample Name** a negative control
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
7-aminoclonazepam	7-Aminoclonazepam-D4	6.252	4652	113040	0.0412	1.4812 < 5
Promethazine	Promethazine-D3	7.467	4250	582305	0.0073	0.3153 < 5

ISP FORENSICS - Cd'A Instrument # 62340

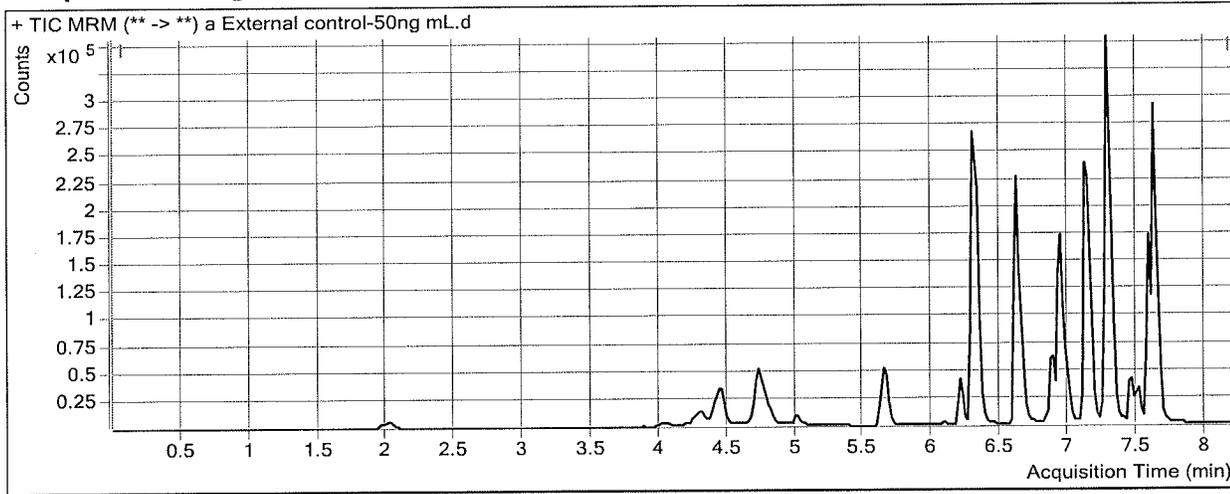
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 16:52 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.443	19974	55772	0.3581	1.1489 <i>LS</i>
Diphenhydramine	Diphenhydramine-D3	7.292	316524	377110	0.8393	40.3023
Lorazepam	Clonazepam-D4	7.623	68677	36794	1.8665	51.8311
Alprazolam	Alprazolam-D5	7.627	206550	189062	1.0925	42.4572

ISP FORENSICS - Cd'A Instrument # 62340

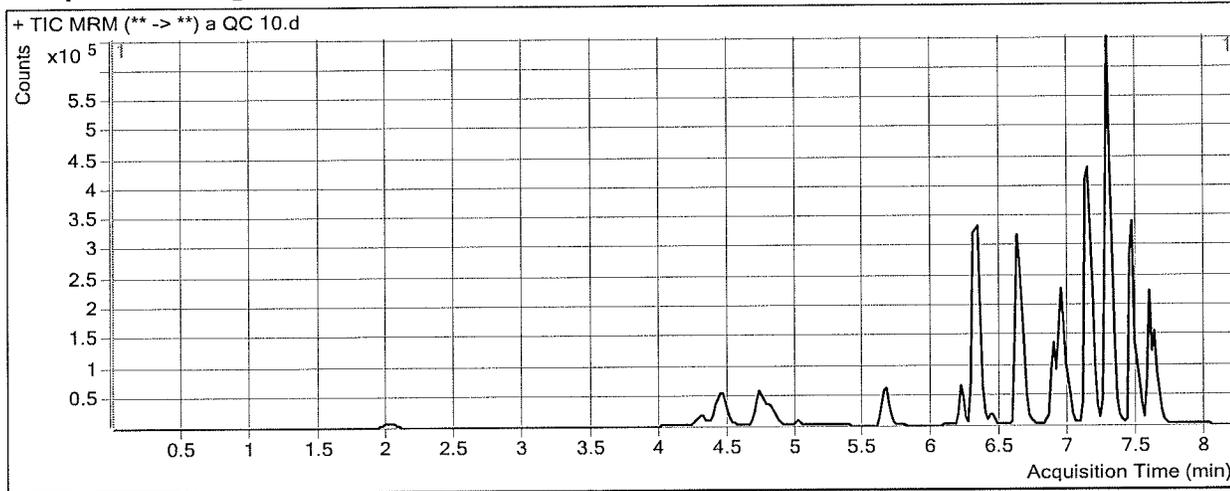
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 17:18 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	2312	1951	1.1851	10.7974
Hydromorphone	Hydromorphone-D6	2.049	11597	41246	0.2812	10.1528
Codeine	Codeine-D6	4.115	5145	20765	0.2478	10.1640
Amphetamine	Amphetamine-D11	4.443	74500	69789	1.0675	10.4449
Oxycodone	Oxycodone-D6	4.489	31099	149807	0.2076	9.8759
Hydrocodone	Hydrocodone-D6	4.794	19081	112915	0.1690	9.3039
Norhydrocodone	Norhydrocodone-D3	4.838	1490	41883	0.0356	9.9860
Methamphetamine	Methamphetamine-D11	4.841	43188	139118	0.3104	10.8499
6-MAM	6-MAM-D6	5.028	648	24957	0.0260	0.9839
Phentermine	Phentermine-D5	5.706	15513	224847	0.0690	10.5448
Dextrophan	Dextrophan-D3	6.204	19613	146401	0.1340	9.8795
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	30300	116756	0.2595	10.7496
Tramadol	Tramadol-13C-D3	6.323	180161	831083	0.2168	10.4017
Doxylamine	Doxylamine-D5	6.640	165404	853853	0.1937	10.2439
Metoprolol	Oxycodone-D6	6.437	24124	149807	0.1610	10.2730
Bupropion	Bupropion-D9	6.910	76937	340353	0.2261	10.1321
Meprobamate	Meprobamate-D7	7.012	16044	103726	0.1547	9.8665
Zolpidem	Zolpidem-D6	6.960	103871	556280	0.1867	9.7556
Venlafaxine	Venlafaxine-D6	7.145	175462	774274	0.2266	10.3891
Trazodone	Trazodone-D6	7.155	80335	359459	0.2235	9.8482
Citalopram	Citalopram-D6	7.257	111066	530117	0.2095	10.2664
Dextromethorphan	Dextromethorphan-D3	7.288	26303	126599	0.2078	10.2386
Diphenhydramine	Diphenhydramine-D3	7.292	187349	901289	0.2079	10.1355

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

Plc Qc10

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	147803	770095	0.1919	10.1785
Clonazepam	Clonazepam-D4	7.503	29958	37415	0.8007	11.0555
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.581	7483	35870	0.2086	10.1145
Carisoprodol	Carisoprodol-D7	7.592	56533	336208	0.1681	11.0766
Lorazepam	Clonazepam-D4	7.623	15806	37415	0.4224	11.0666
Alprazolam	Alprazolam-D5	7.627	50518	195926	0.2578	10.4248



ISP FORENSICS - Cd'A Instrument # 62340

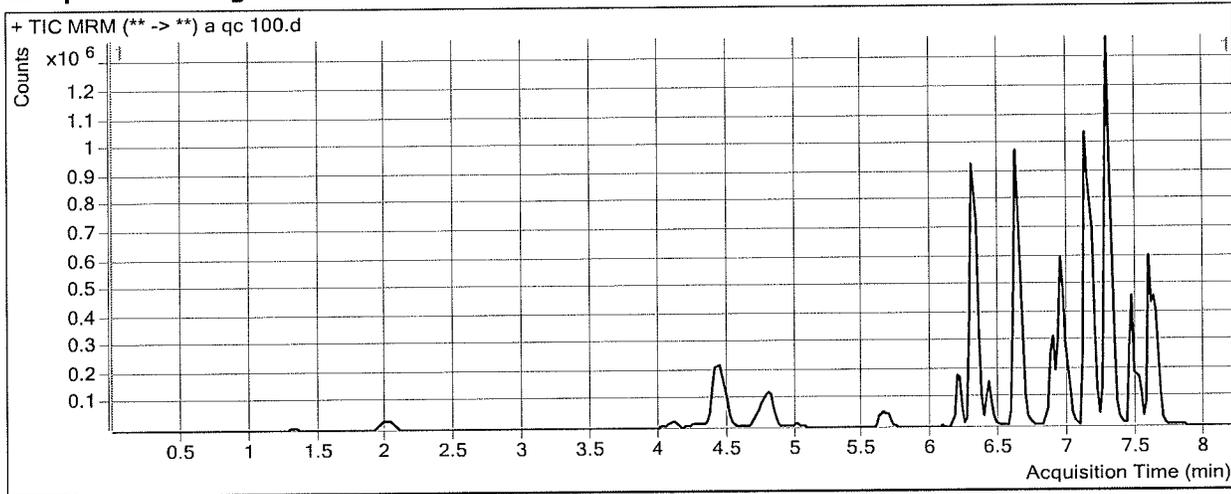
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 21:18 **Data File** a qc 100.d
Sample Type QC **Sample Name** a qc 100
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	21699	1912	11.3493	98.8223
Hydromorphone	Hydromorphone-D6	2.029	112871	38231	2.9523	100.6504
Codeine	Codeine-D6	4.095	49998	18439	2.7115	101.6095
Amphetamine	Amphetamine-D11	4.423	525019	56532	9.2872	118.1607
Oxycodone	Oxycodone-D6	4.469	301870	131465	2.2962	107.3034
Hydrocodone	Hydrocodone-D6	4.774	190162	102787	1.8501	106.9477
Norhydrocodone	Norhydrocodone-D3	4.818	14876	36122	0.4118	97.5552
Methamphetamine	Methamphetamine-D11	4.821	226092	80229	2.8181	106.2122
6-MAM	6-MAM-D6	5.008	6671	23280	0.2865	9.7120
Phentermine	Phentermine-D5	5.686	114499	162915	0.7028	109.8096
Dextrophan	Dextrophan-D3	6.184	187225	128161	1.4609	104.1211
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	262479	101073	2.5969	109.9588
Tramadol	Tramadol-13C-D3	6.303	1625058	748283	2.1717	109.1008
Doxylamine	Doxylamine-D5	6.620	1495391	751824	1.9890	103.4980
Metoprolol	Oxycodone-D6	6.417	231090	131465	1.7578	113.3526
Bupropion	Bupropion-D9	6.890	533955	233571	2.2861	100.8653
Meprobamate	Meprobamate-D7	6.992	150732	82530	1.8264	108.4422
Zolpidem	Zolpidem-D6	6.940	983312	506446	1.9416	106.9471
Venlafaxine	Venlafaxine-D6	7.125	1603484	693518	2.3121	104.0179
Trazodone	Trazodone-D6	7.155	668454	285837	2.3386	103.4993
Citalopram	Citalopram-D6	7.257	873426	395774	2.2069	107.6819
Dextromethorphan	Dextromethorphan-D3	7.288	186662	82970	2.2498	103.6111
Diphenhydramine	Diphenhydramine-D3	7.292	1405629	689148	2.0397	97.6443

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

PIA QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	554926	347973	1.5947	85.1184
Clonazepam	Clonazepam-D4	7.503	229166	27633	8.2933	115.1650
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.581	63962	26265	2.4353	99.2482
Carisoprodol	Carisoprodol-D7	7.592	478056	271950	1.7579	108.5330
Lorazepam	Clonazepam-D4	7.623	74732	27633	2.7045	75.4843
Alprazolam	Alprazolam-D5	7.647	436203	157525	2.7691	106.8015



ISP FORENSICS - Cd'A Instrument # 62340

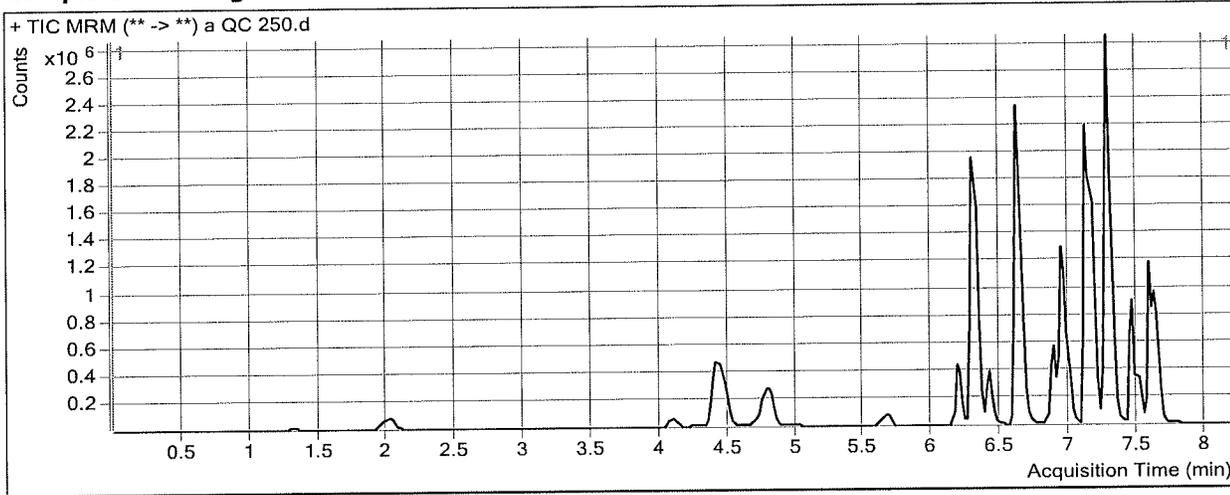
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 23:25 **Data File** a QC 250.d
Sample Type QC **Sample Name** a QC 250
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	58743	1942	30.2551	262.5525
Hydromorphone	Hydromorphone-D6	2.029	312862	40335	7.7566	263.4161
Codeine	Codeine-D6	4.095	131169	18810	6.9734	259.7941
Amphetamine	Amphetamine-D11	4.423	1241178	56404	22.0052	284.8270
Oxycodone	Oxycodone-D6	4.469	777355	131809	5.8976	275.2961
Hydrocodone	Hydrocodone-D6	4.774	498903	107837	4.6264	268.2117
Norhydrocodone	Norhydrocodone-D3	4.818	45324	36415	1.2446	291.3906
Methamphetamine	Methamphetamine-D11	4.821	478634	71627	6.6823	253.1650
6-MAM	6-MAM-D6	5.008	18892	25141	0.7514	25.2835
Phentermine	Phentermine-D5	5.686	276295	161948	1.7061	266.9321
Dextrophan	Dextrophan-D3	6.184	517714	135848	3.8110	271.0361
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	625633	100521	6.2239	263.9014
Tramadol	Tramadol-13C-D3	6.303	4274913	789011	5.4181	272.9996
Doxylamine	Doxylamine-D5	6.620	4094066	824189	4.9674	258.2044
Metoprolol	Oxycodone-D6	6.417	584288	131809	4.4328	286.0381
Bupropion	Bupropion-D9	6.890	1101818	193638	5.6901	250.7971
Meprobamate	Meprobamate-D7	6.992	361126	79520	4.5413	268.5331
Zolpidem	Zolpidem-D6	6.940	2554766	533369	4.7899	264.6956
Venlafaxine	Venlafaxine-D6	7.125	4321595	732120	5.9029	265.2263
Trazodone	Trazodone-D6	7.155	1803218	297614	6.0589	268.2257
Citalopram	Citalopram-D6	7.257	1948287	360682	5.4017	263.4984
Dextromethorphan	Dextromethorphan-D3	7.268	472850	84555	5.5922	256.4510
Diphenhydramine	Diphenhydramine-D3	7.292	3496578	668624	5.2295	250.0306

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

PIA Qc250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	1377602	336721	4.0912	218.4839
Clonazepam	Clonazepam-D4	7.503	470629	22431	20.9811	291.4614
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.581	144325	24559	5.8768	237.0102
Carisoprodol	Carisoprodol-D7	7.592	1079325	236241	4.5687	280.8484
Lorazepam	Clonazepam-D4	7.623	157792	22431	7.0345	197.7135
Alprazolam	Alprazolam-D5	7.647	1033373	150974	6.8447	263.2149



ISP FORENSICS - Cd'A Instrument # 62340

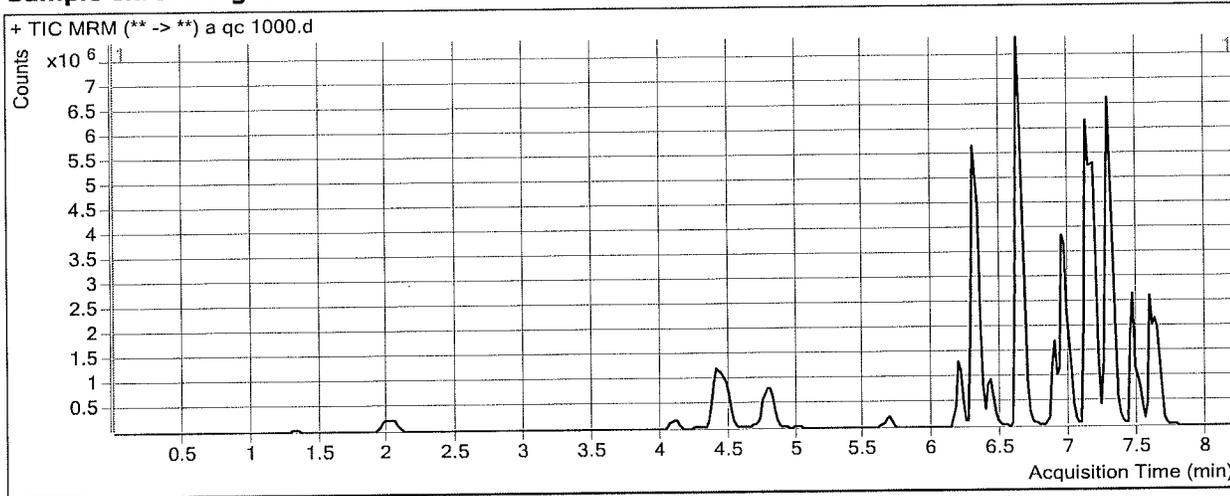
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 23:50 **Data File** a qc 1000.d
Sample Type QC **Sample Name** a qc 1000
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	192449	1662	115.7821	1003.2401
Hydromorphone	Hydromorphone-D6	2.029	1064736	35349	30.1204	1021.0876
Codeine	Codeine-D6	4.095	420601	15016	28.0094	1040.5793
Amphetamine	Amphetamine-D11	4.423	3154718	50400	62.5932	816.7189 ★
Oxycodone	Oxycodone-D6	4.469	2652320	123177	21.5327	1004.6241
Hydrocodone	Hydrocodone-D6	4.774	1650517	100159	16.4790	956.6580
Norhydrocodone	Norhydrocodone-D3	4.818	172829	27895	6.1957	1443.7178 ★
Methamphetamine	Methamphetamine-D11	4.821	1247713	49534	25.1888	956.9476
6-MAM	6-MAM-D6	5.008	69956	23923	2.9242	98.0587
Phentermine	Phentermine-D5	5.686	761651	129002	5.9042	924.4140
Dextroprphan	Dextroprphan-D3	6.184	1679176	118344	14.1889	1008.1190
7-aminoclonazepam	7-Aminoclonazepam-D4	6.292	1549691	80469	19.2582	817.1330
Tramadol	Tramadol-13C-D3	6.303	14250341	864440	16.4851	831.7405
Doxylamine	Doxylamine-D5	6.620	14851028	809480	18.3464	953.1539
Metoprolol	Oxycodone-D6	6.417	1665634	123177	13.5223	872.8084
Bupropion	Bupropion-D9	6.890	3458118	158629	21.8000	960.3607
Meprobamate	Meprobamate-D7	6.992	1151016	61495	18.7174	1104.4497
Zolpidem	Zolpidem-D6	6.940	8843132	502571	17.5958	973.9373
Venlafaxine	Venlafaxine-D6	7.125	13210573	633604	20.8499	936.2794
Trazodone	Trazodone-D6	7.155	6477252	278727	23.2387	1028.9032
Citalopram	Citalopram-D6	7.257	4884052	259285	18.8366	918.7461
Dextromethorphan	Dextromethorphan-D3	7.268	1346657	60251	22.3507	1022.7553
Diphenhydramine	Diphenhydramine-D3	7.292	10765484	532669	20.2104	965.7024

★ - outside curve range ★

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

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	5506297	304033	18.1109	967.4315
Clonazepam	Clonazepam-D4	7.503	974728	12393	78.6537	1092.8201
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.581	355068	16226	21.8828	877.7289
Carisoprodol	Carisoprodol-D7	7.592	2617589	149119	17.5537	1076.8747
Lorazepam	Clonazepam-D4	7.623	355872	12393	28.7164	899.7536 ☆
Alprazolam	Alprazolam-D5	7.647	2650463	101130	26.2085	1006.3601

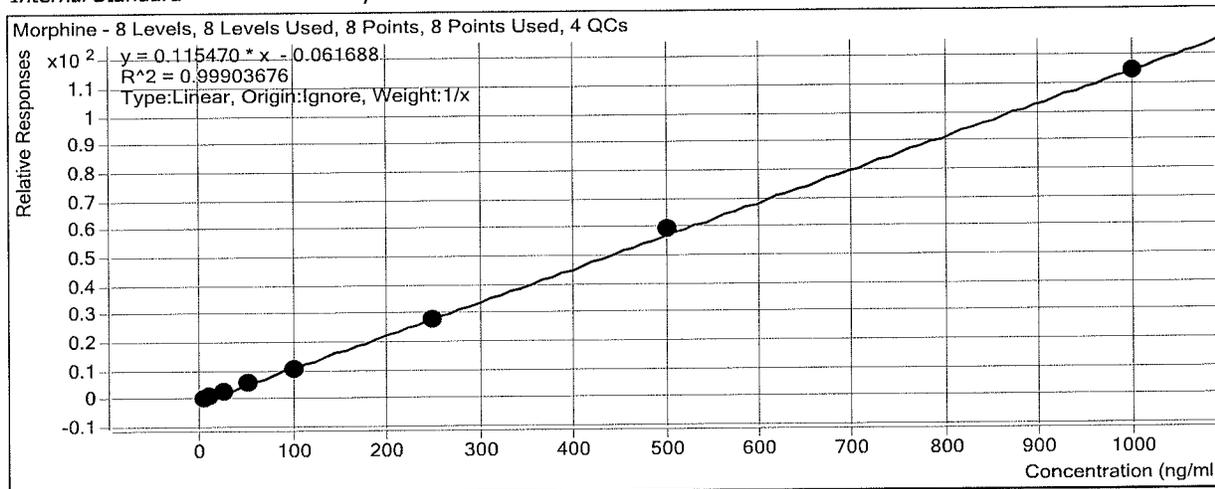
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.7	114.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.3	106.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.0	94.0
a qc 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a QC 250	6	<input checked="" type="checkbox"/>	250	262.6	105.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.1	103.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	991.9	99.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1003.2	100.3

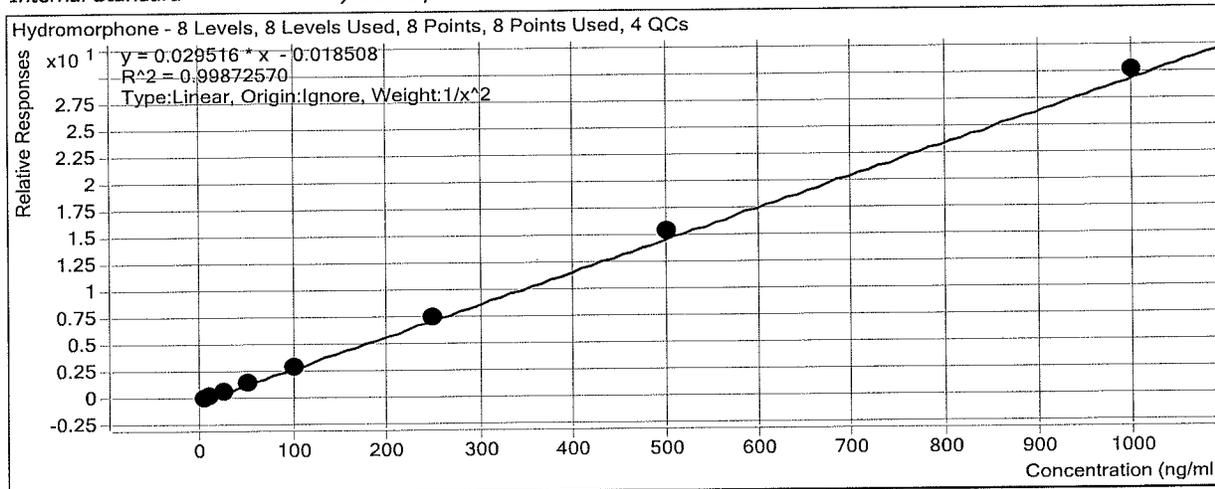
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a qc 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.7	102.3
a QC 250	6	<input checked="" type="checkbox"/>	250	263.4	105.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.5	103.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1019.5	102.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.1	102.1

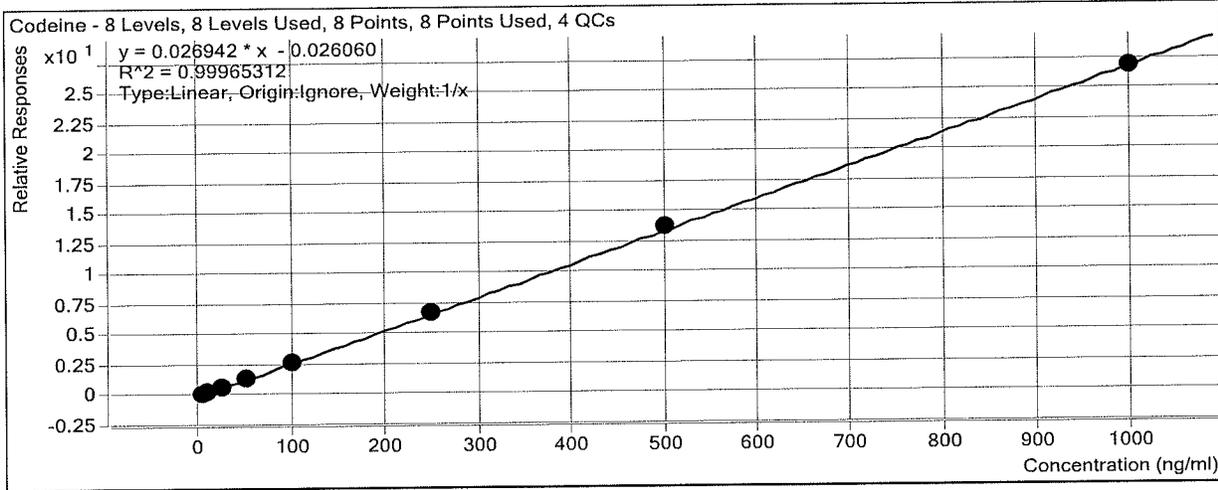
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

Target Compound *Codeine*
Internal Standard *Codeine-D6*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a qc 100	5	<input checked="" type="checkbox"/>	100	101.6	101.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.8	99.5
a QC 250	6	<input checked="" type="checkbox"/>	250	259.8	103.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.9	102.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	995.3	99.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1040.6	104.1

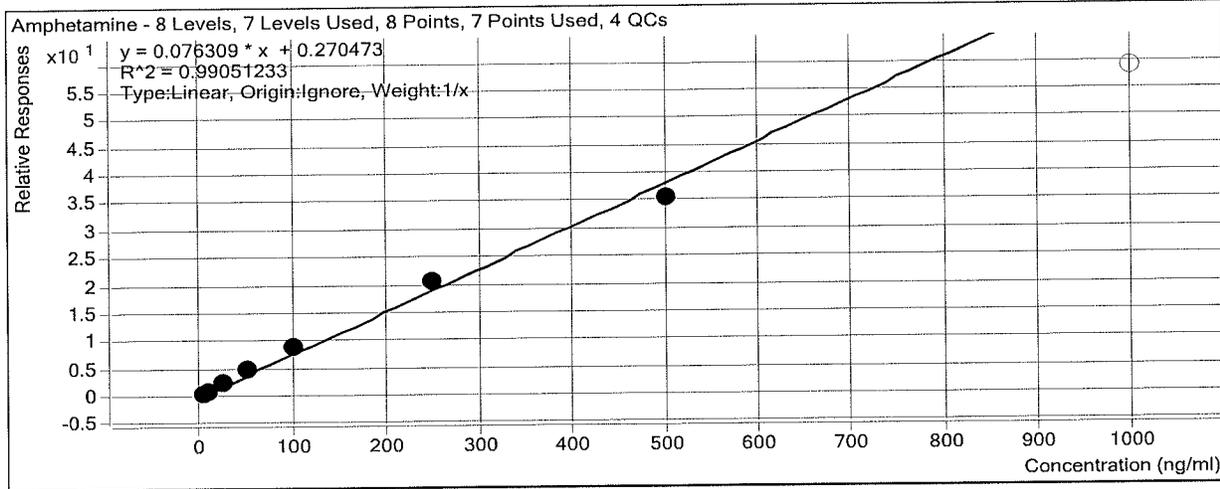
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.7	73.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.9	88.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.3	109.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.9	115.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	114.8	114.8
a qc 100	5	<input checked="" type="checkbox"/>	100	118.2	118.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.7	105.9
a QC 250	6	<input checked="" type="checkbox"/>	250	284.8	113.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	462.8	92.6
a cal 8-1000ng	8	<input type="checkbox"/>	1000	768.0	76.8
a qc 1000	8	<input type="checkbox"/>	1000	816.7	81.7

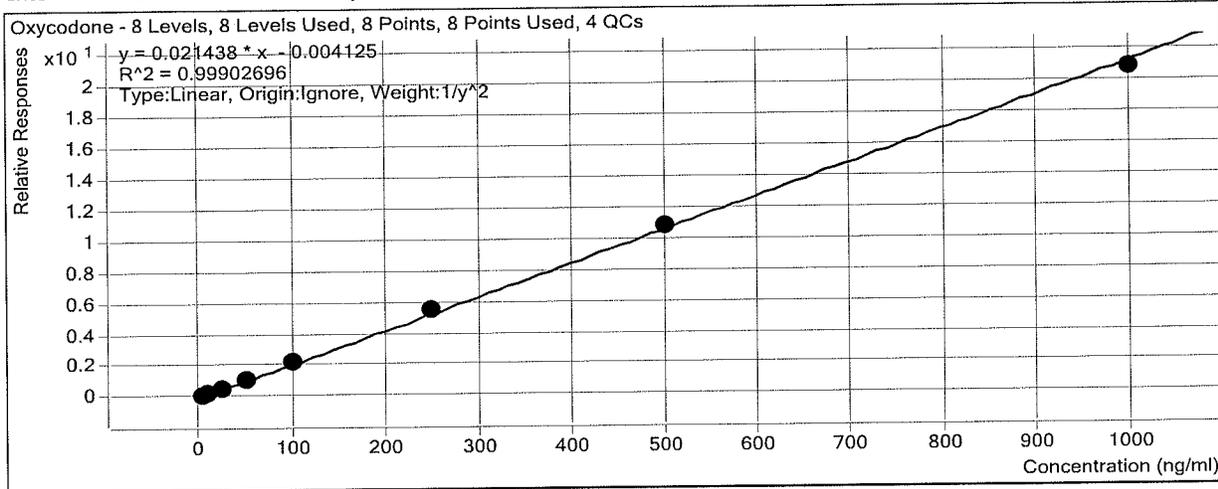
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.3	103.3
a qc 100	5	<input checked="" type="checkbox"/>	100	107.3	107.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.9	102.4
a QC 250	6	<input checked="" type="checkbox"/>	250	275.3	110.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.9	101.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	973.1	97.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1004.6	100.5

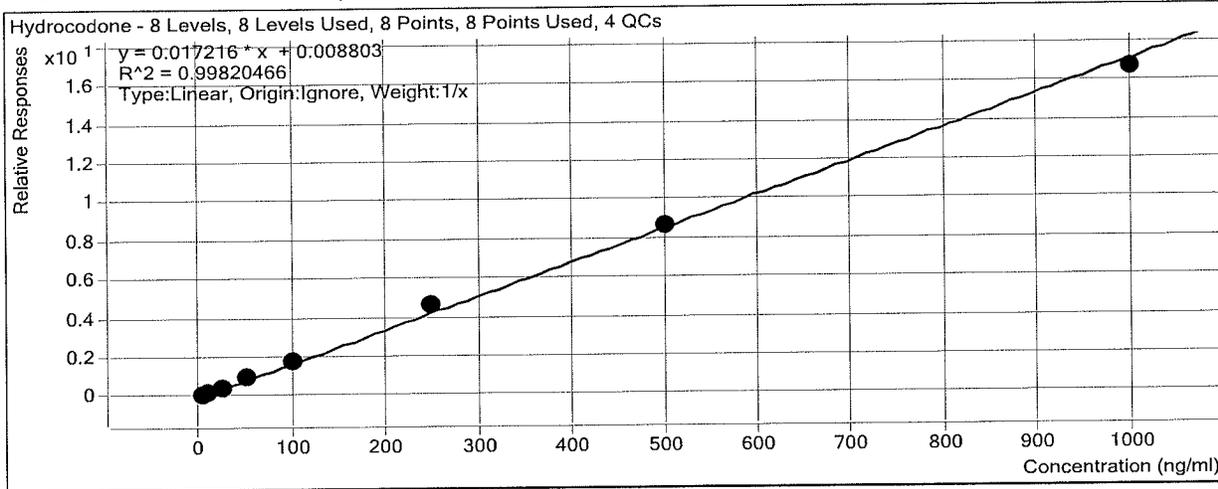
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	93.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.3	93.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.8	105.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.2	105.2
a qc 100	5	<input checked="" type="checkbox"/>	100	106.9	106.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.8	107.9
a QC 250	6	<input checked="" type="checkbox"/>	250	268.2	107.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.0	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	967.9	96.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	956.7	95.7

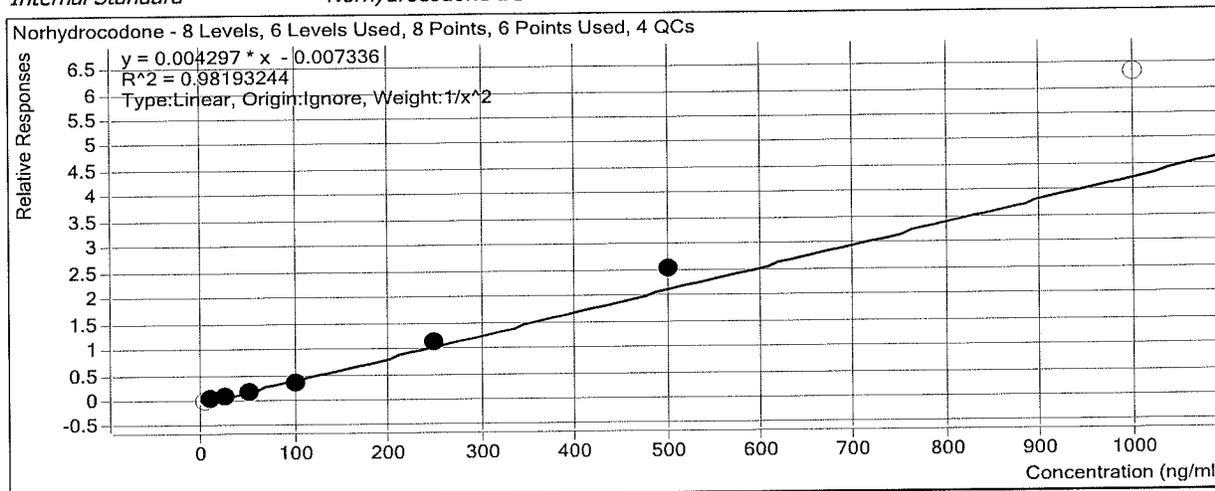
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	5.7	114.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.3	92.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	87.7	87.7
a qc 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.4
a QC 250	6	<input checked="" type="checkbox"/>	250	291.4	116.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	589.2	117.8
a cal 8-1000ng	8	<input type="checkbox"/>	1000	1470.7	147.1
a qc 1000	8	<input type="checkbox"/>	1000	1443.7	144.4

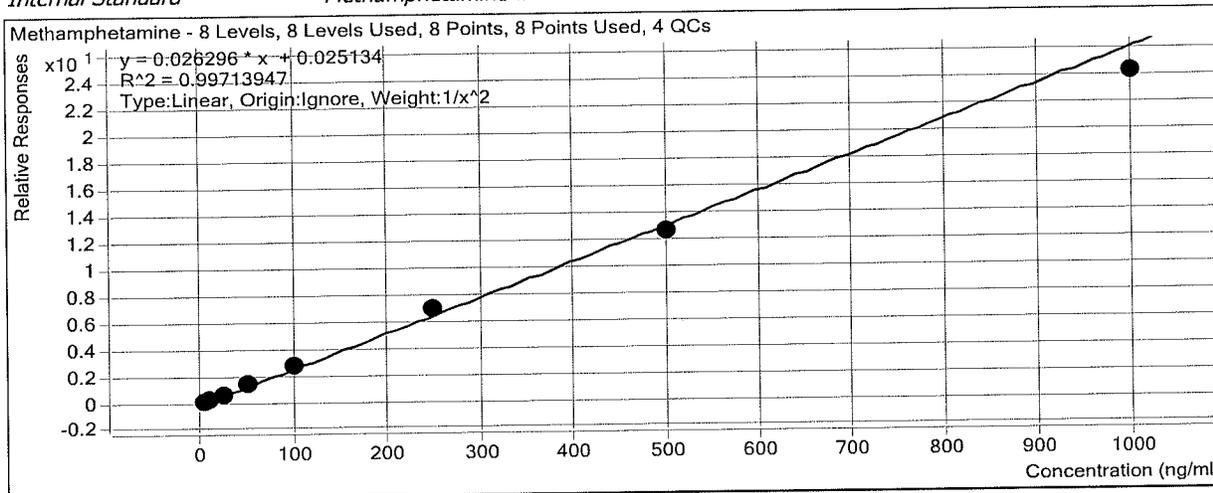
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.2	106.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.8	102.8
a qc 100	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.7	105.1
a QC 250	6	<input checked="" type="checkbox"/>	250	253.2	101.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.2	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	923.5	92.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	956.9	95.7

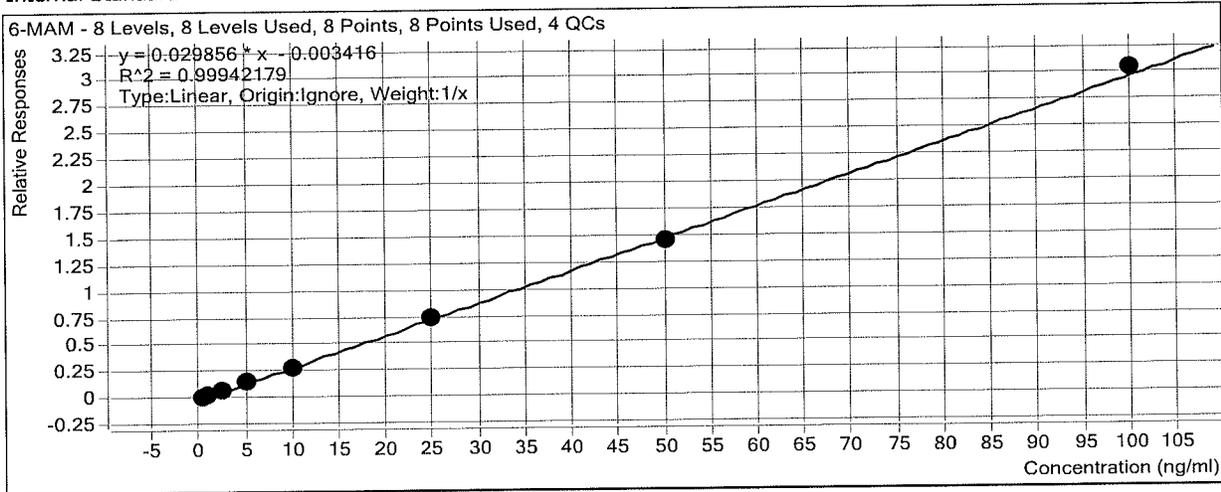
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	108.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	98.2
a QC 10	2	<input checked="" type="checkbox"/>	1	1.0	98.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	97.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	97.1
a qc 100	5	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.9	99.5
a QC 250	6	<input checked="" type="checkbox"/>	25	25.3	101.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.5	97.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.0	102.0
a qc 1000	8	<input checked="" type="checkbox"/>	100	98.1	98.1

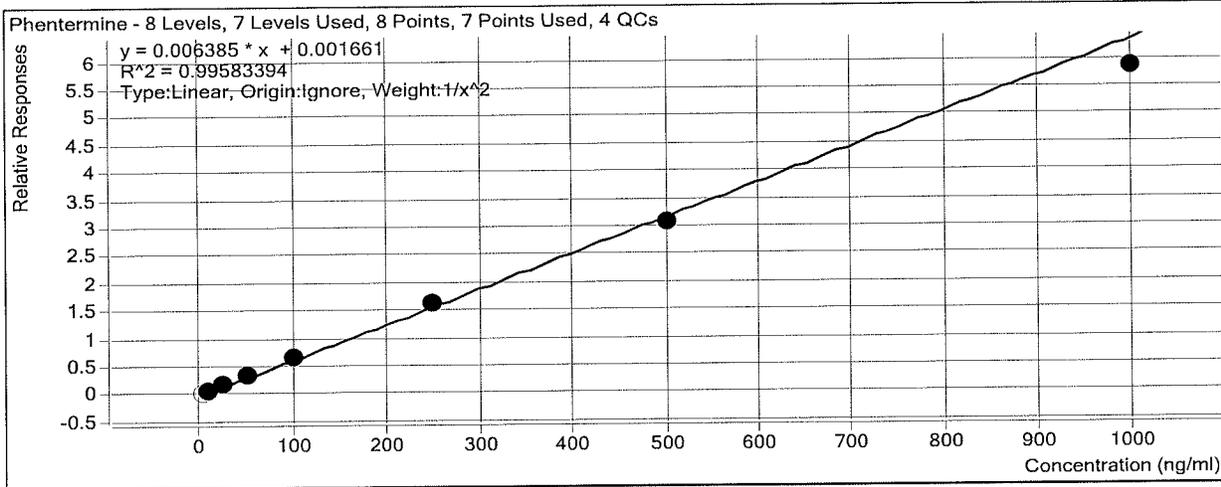
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	4.5	90.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.0	108.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.0	105.0
a qc 100	5	<input checked="" type="checkbox"/>	100	109.8	109.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.5	102.2
a QC 250	6	<input checked="" type="checkbox"/>	250	266.9	106.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.2	96.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	914.7	91.5
a qc 1000	8	<input checked="" type="checkbox"/>	1000	924.4	92.4

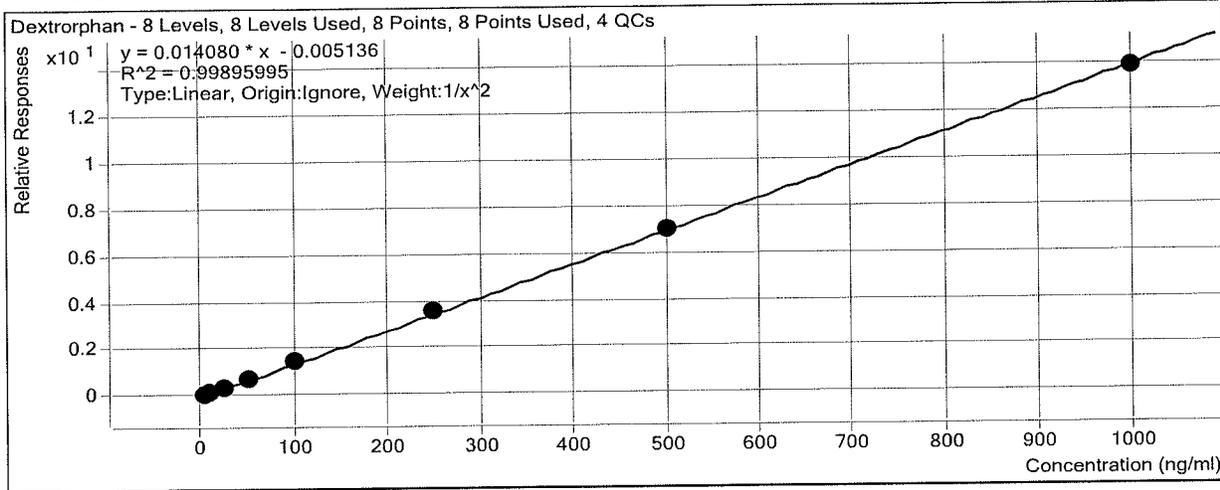
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a qc 100	5	<input checked="" type="checkbox"/>	100	104.1	104.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a QC 250	6	<input checked="" type="checkbox"/>	250	271.0	108.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.3	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	988.3	98.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1008.1	100.8

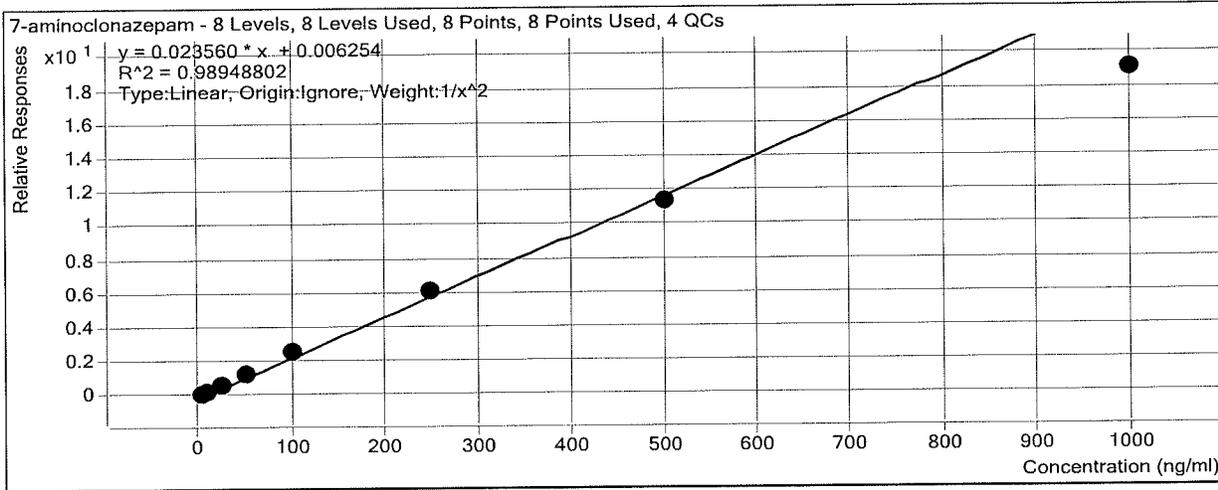
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
a QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.7	109.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.6	107.6
a qc 100	5	<input checked="" type="checkbox"/>	100	110.0	110.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.3	102.9
a QC 250	6	<input checked="" type="checkbox"/>	250	263.9	105.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	481.9	96.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	809.0	80.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	817.1	81.7

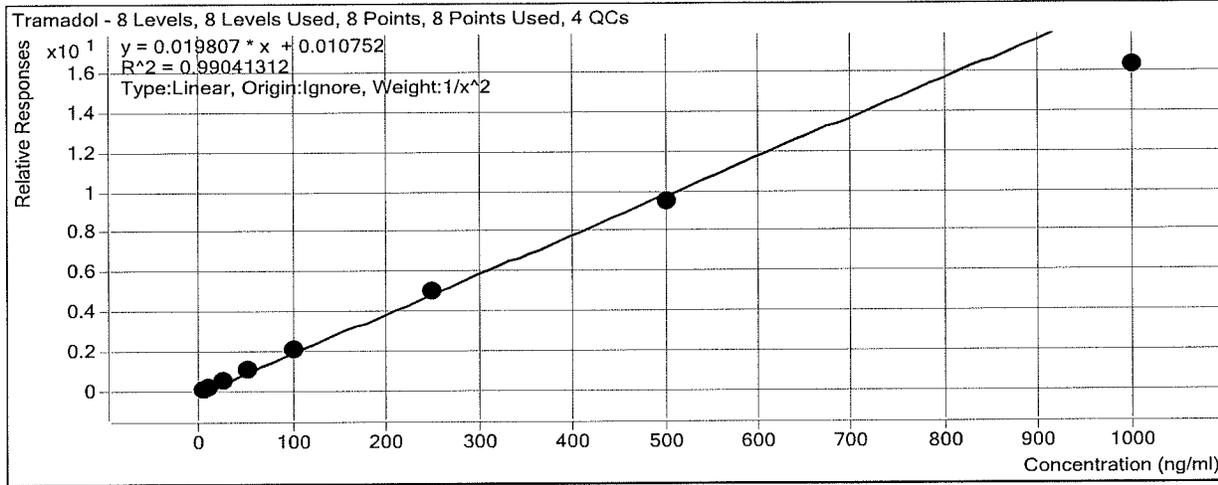
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	95.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.0	107.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.5	107.5
a qc 100	5	<input checked="" type="checkbox"/>	100	109.1	109.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.5	101.4
a QC 250	6	<input checked="" type="checkbox"/>	250	273.0	109.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.6	95.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	824.5	82.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	831.7	83.2

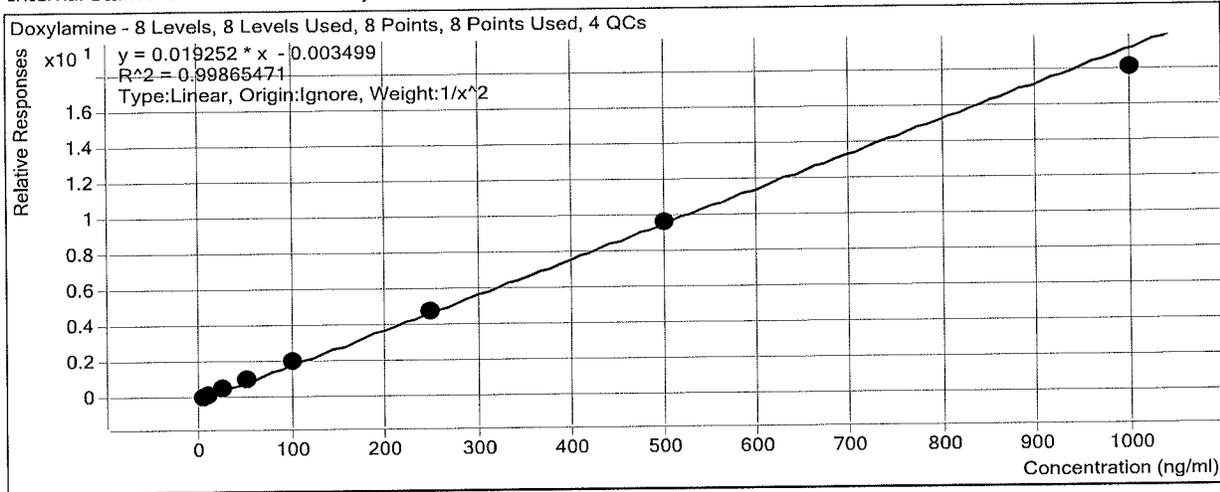
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	102.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.7	104.7
a qc 100	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.5	99.0
a QC 250	6	<input checked="" type="checkbox"/>	250	258.2	103.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.7	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	937.3	93.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	953.2	95.3

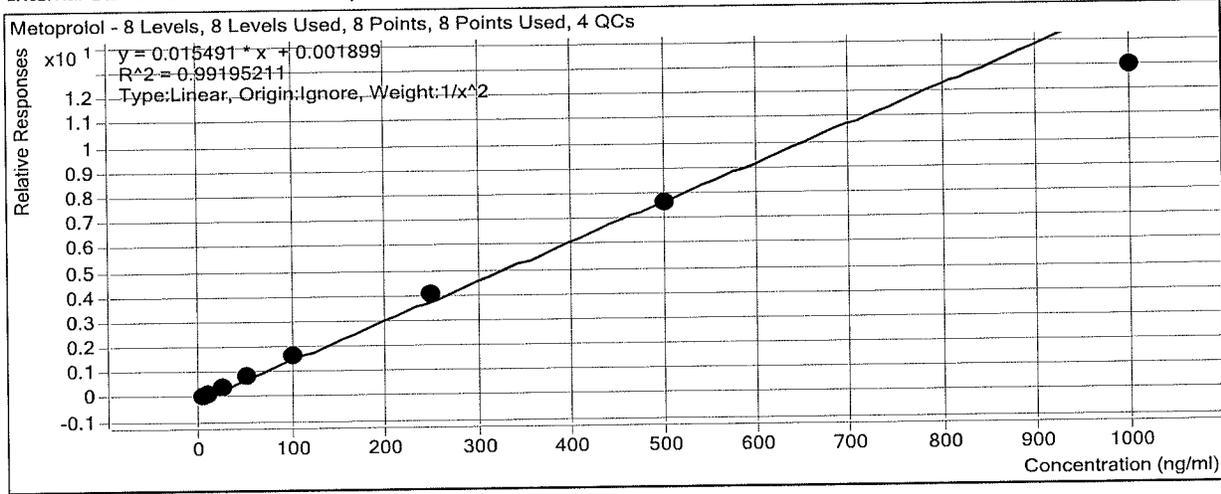
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.0	108.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.8	107.8
a qc 100	5	<input checked="" type="checkbox"/>	100	113.4	113.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.2	105.3
a QC 250	6	<input checked="" type="checkbox"/>	250	286.0	114.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.9	99.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	837.3	83.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	872.8	87.3

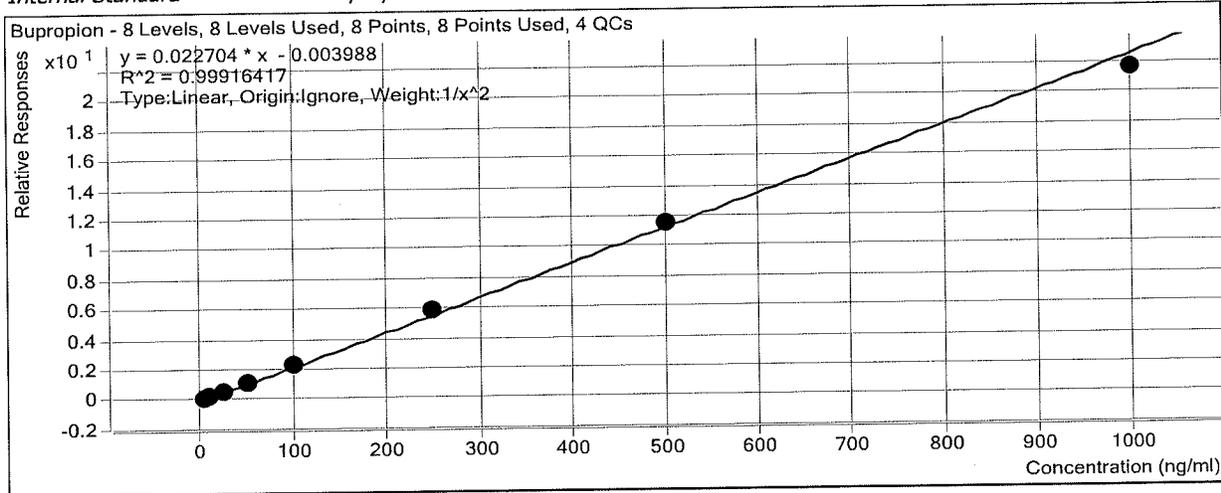
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a qc 100	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.5	103.8
a QC 250	6	<input checked="" type="checkbox"/>	250	250.8	100.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.8	101.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	952.8	95.3
a qc 1000	8	<input checked="" type="checkbox"/>	1000	960.4	96.0

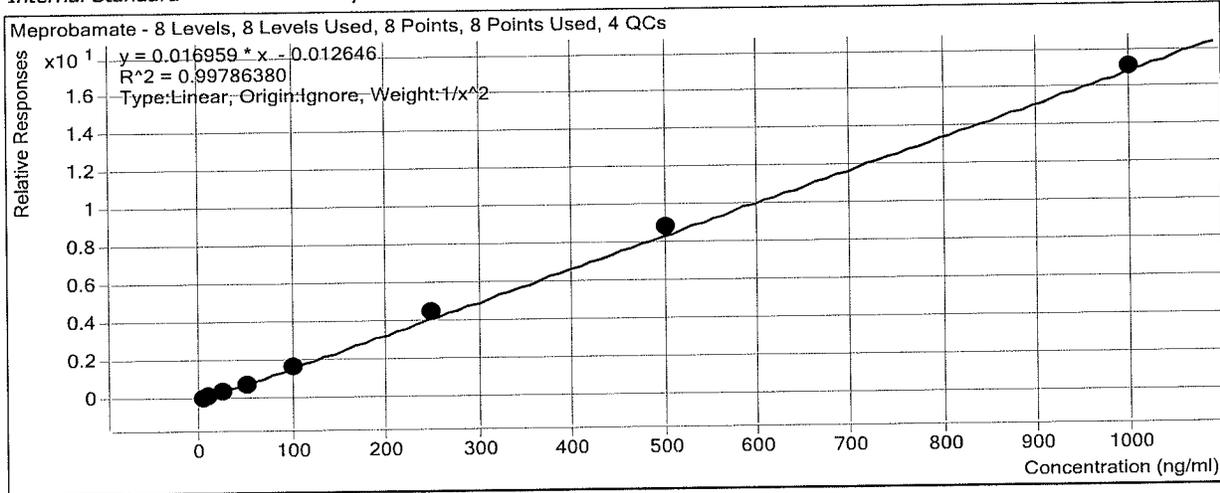
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.6
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.0	94.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.1	98.1
a qc 100	5	<input checked="" type="checkbox"/>	100	108.4	108.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
a QC 250	6	<input checked="" type="checkbox"/>	250	268.5	107.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	522.5	104.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1007.3	100.7
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1104.4	110.4

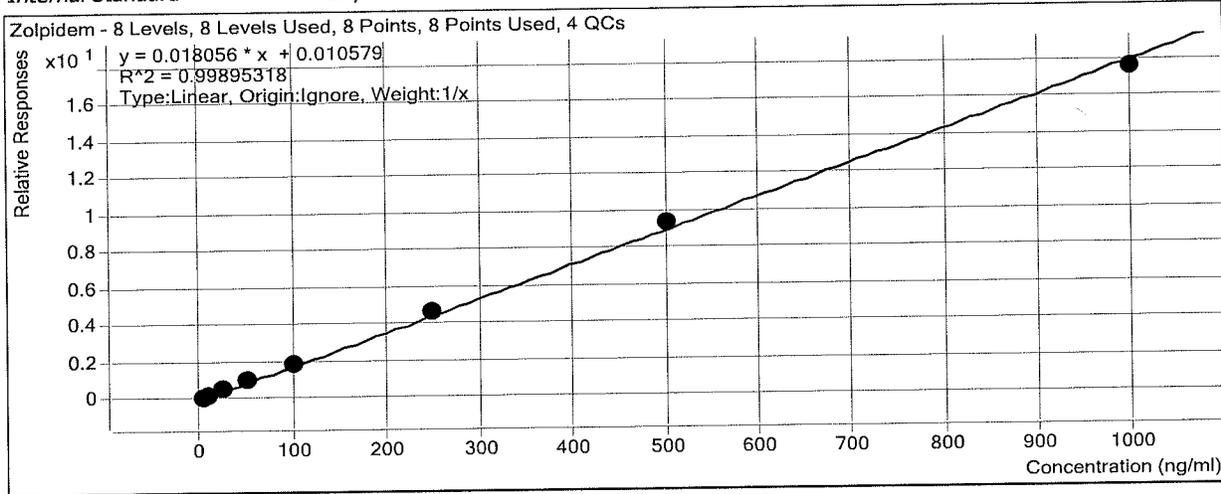
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.3	86.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.8
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.1	106.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.8	103.8
a qc 100	5	<input checked="" type="checkbox"/>	100	106.9	106.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a QC 250	6	<input checked="" type="checkbox"/>	250	264.7	105.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.2	103.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	971.9	97.2
a qc 1000	8	<input checked="" type="checkbox"/>	1000	973.9	97.4

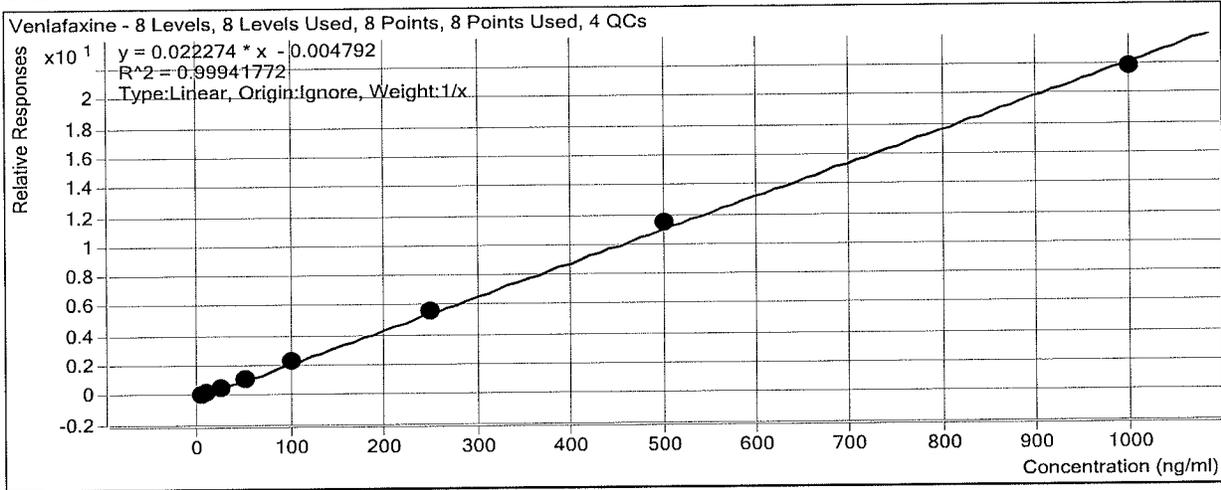
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
a qc 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.4	101.8
a QC 250	6	<input checked="" type="checkbox"/>	250	265.2	106.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	515.6	103.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	979.0	97.9
a qc 1000	8	<input checked="" type="checkbox"/>	1000	936.3	93.6

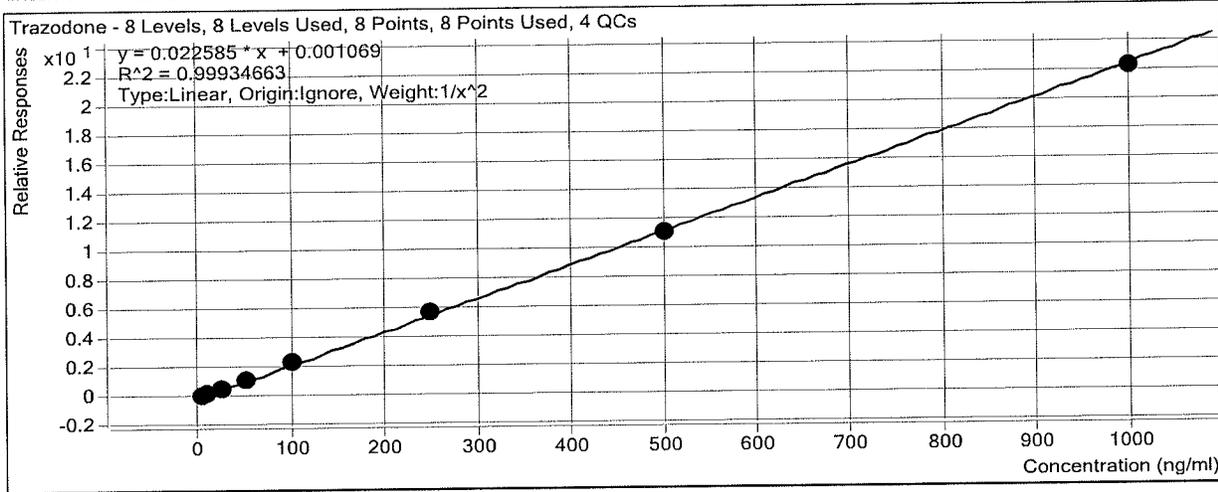
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.0	101.0
a qc 100	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.4	100.2
a QC 250	6	<input checked="" type="checkbox"/>	250	268.2	107.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.1	98.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	984.4	98.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1028.9	102.9

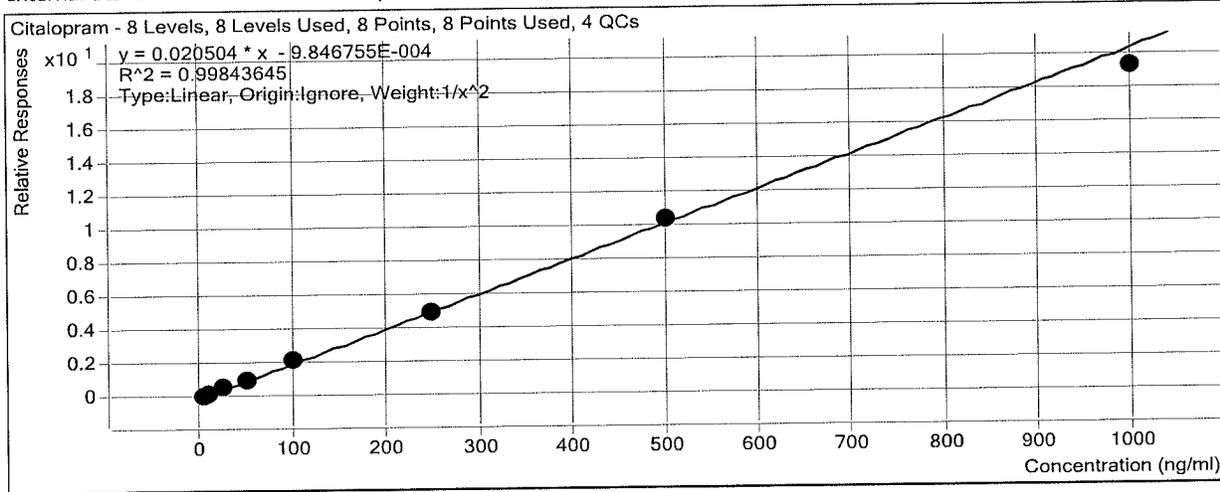
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.0
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.1	105.1
a qc 100	5	<input checked="" type="checkbox"/>	100	107.7	107.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.1	96.9
a QC 250	6	<input checked="" type="checkbox"/>	250	263.5	105.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.8	102.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	940.5	94.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	918.7	91.9

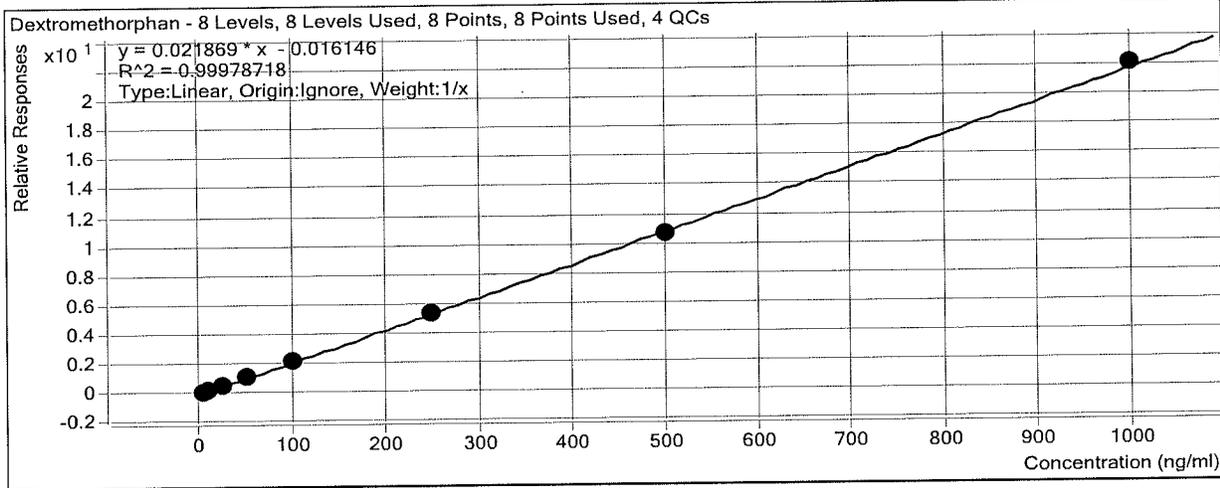
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	102.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
a qc 100	5	<input checked="" type="checkbox"/>	100	103.6	103.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a QC 250	6	<input checked="" type="checkbox"/>	250	256.5	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.5	97.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1010.7	101.1
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1022.8	102.3

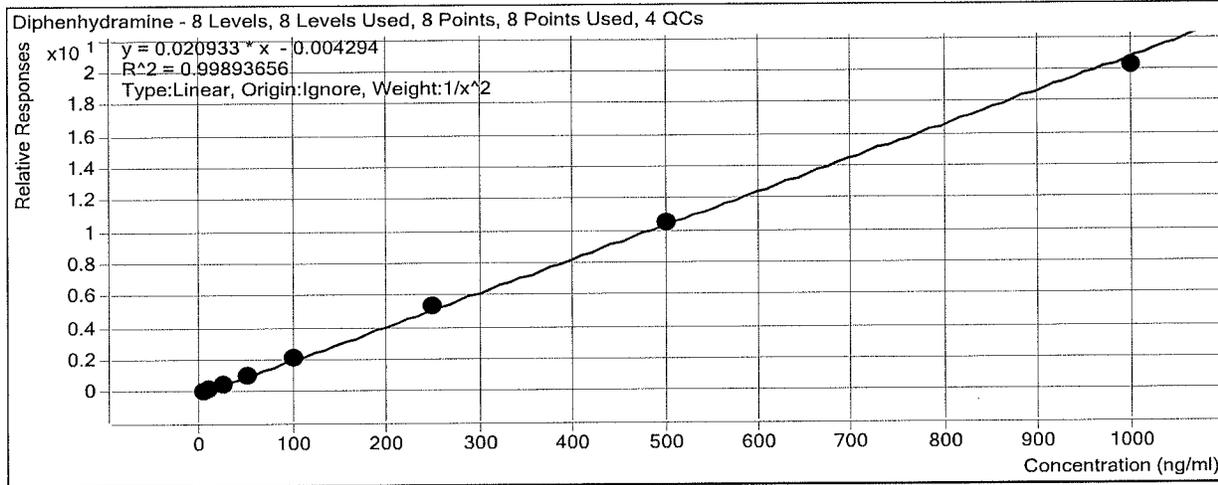
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a qc 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.5	102.2
a QC 250	6	<input checked="" type="checkbox"/>	250	250.0	100.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.4	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	966.1	96.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	965.7	96.6

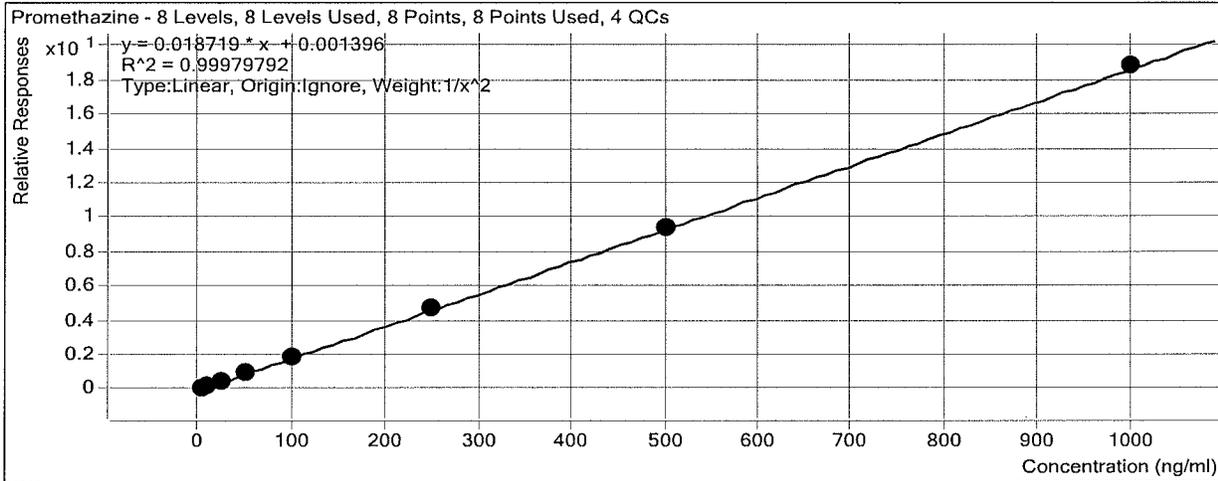
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	97.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a qc 100	5	<input checked="" type="checkbox"/>	100	85.1	85.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.9	99.5
a QC 250	6	<input checked="" type="checkbox"/>	250	218.5	87.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.4	100.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.4	100.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	967.4	96.7

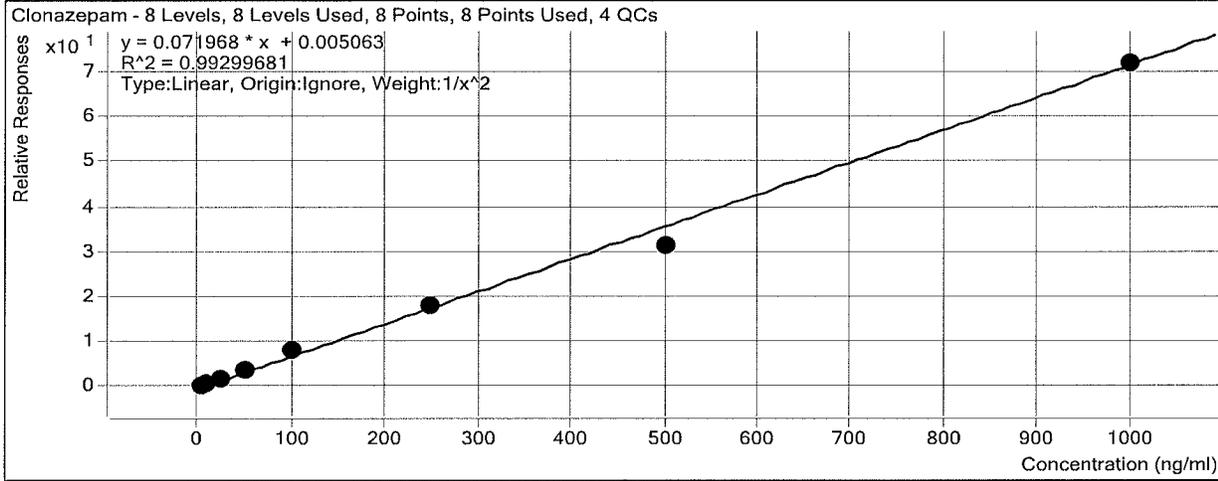
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	91.8
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	110.5	110.5
a qc 100	5	<input checked="" type="checkbox"/>	100	115.2	115.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.3	100.1
a QC 250	6	<input checked="" type="checkbox"/>	250	291.5	116.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	437.6	87.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	997.8	99.8
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1092.8	109.3

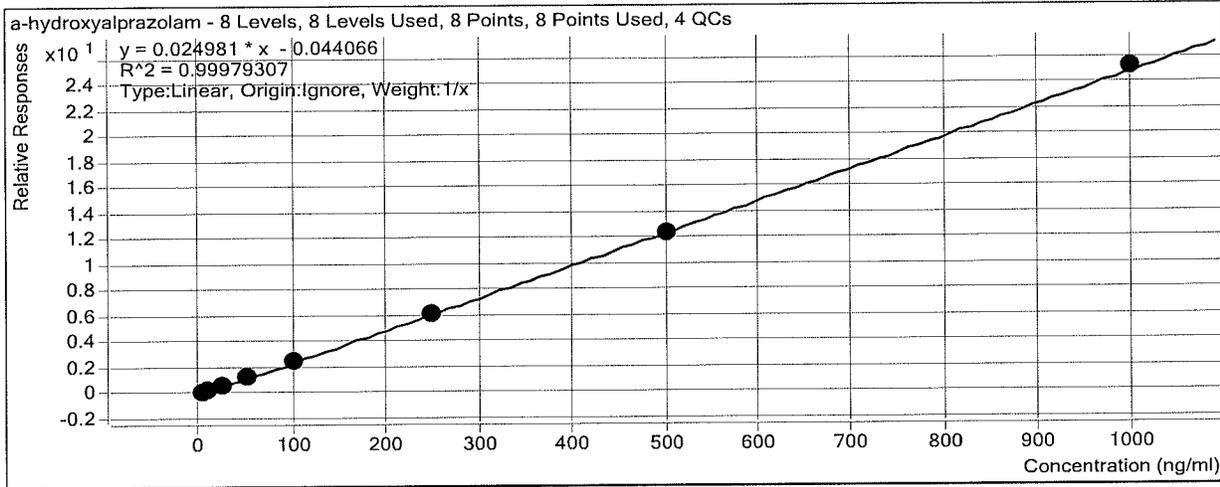
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.4	101.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.9	99.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.1	97.1
a qc 100	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a QC 250	6	<input checked="" type="checkbox"/>	250	237.0	94.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.4	99.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1009.5	101.0
a qc 1000	8	<input checked="" type="checkbox"/>	1000	877.7	87.8

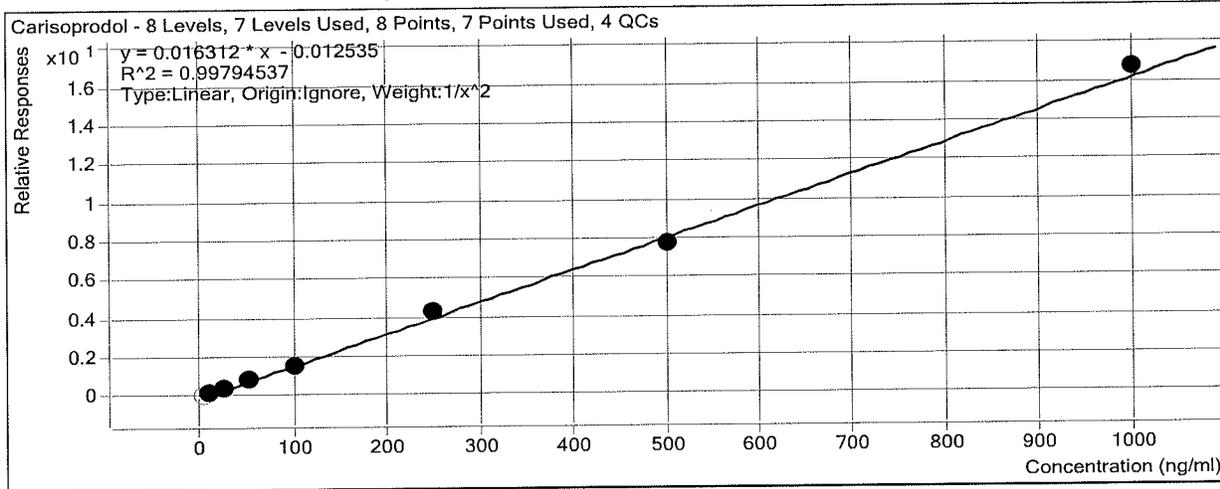
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input type="checkbox"/>	5	5.2	103.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.5
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a qc 100	5	<input checked="" type="checkbox"/>	100	108.5	108.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.0	106.8
a QC 250	6	<input checked="" type="checkbox"/>	250	280.8	112.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.3	95.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1026.5	102.6
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1076.9	107.7

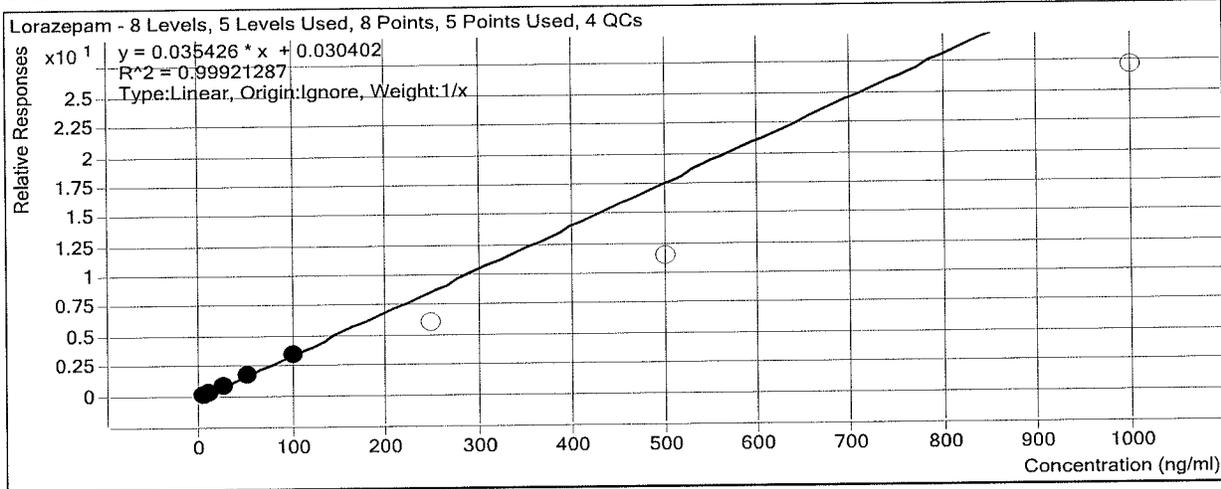
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a QC 10	2	<input checked="" type="checkbox"/>	10	11.1	110.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a qc 100	5	<input checked="" type="checkbox"/>	100	75.5	75.5
a cal 6-250ng	6	<input type="checkbox"/>	250	171.8	68.7
a QC 250	6	<input type="checkbox"/>	250	197.7	79.1
a cal 7-500ng	7	<input type="checkbox"/>	500	324.5	64.9
a cal 8-1000ng	8	<input type="checkbox"/>	1000	764.6	76.5
a qc 1000	8	<input type="checkbox"/>	1000	809.8	81.0

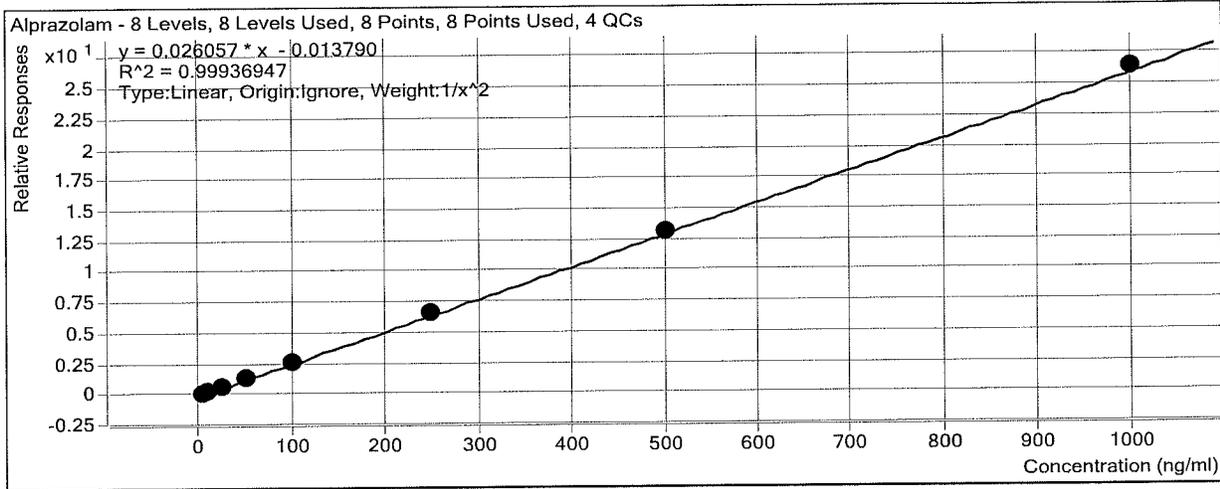
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
6/27/2018 8:56 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a qc 100	5	<input checked="" type="checkbox"/>	100	106.8	106.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.6	100.6
a QC 250	6	<input checked="" type="checkbox"/>	250	263.2	105.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.1	100.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.0	101.4
a qc 1000	8	<input checked="" type="checkbox"/>	1000	1006.4	100.6

ISP FORENSICS - Cd'A Instrument # 62340

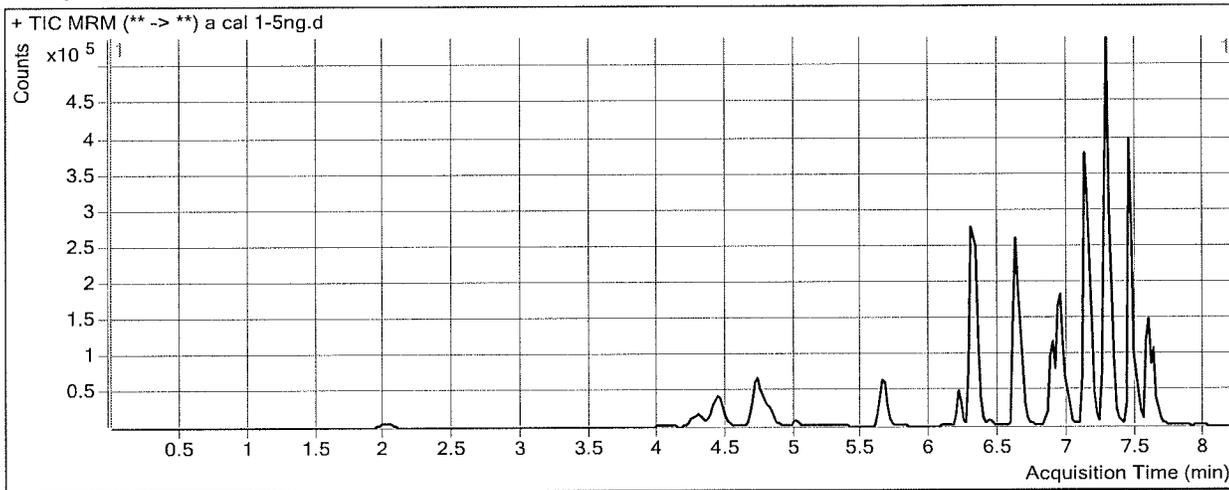
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 12:51 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	1022	1712	0.5968	5.7023
Hydromorphone	Hydromorphone-D6	2.029	4930	37333	0.1320	5.1008
Codeine	Codeine-D6	4.115	2317	18846	0.1230	5.5313
Amphetamine	Amphetamine-D11	4.443	41048	74698	0.5495	3.6568
Oxycodone	Oxycodone-D6	4.489	13913	133114	0.1045	5.0678
Hydrocodone	Hydrocodone-D6	4.794	9159	103093	0.0888	4.6492
Norhydrocodone	Norhydrocodone-D3	4.838	664	38391	0.0173	5.7316
Methamphetamine	Methamphetamine-D11	4.841	33564	213814	0.1570	5.0139
6-MAM	6-MAM-D6	5.028	297	23199	0.0128	0.5435
Phentermine	Phentermine-D5	5.706	7252	236520	0.0307	4.5420
Dextroprphan	Dextroprphan-D3	6.204	8304	123491	0.0672	5.1407
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	12674	105241	0.1204	4.8461
Tramadol	Tramadol-13C-D3	6.323	75640	715345	0.1057	4.7957
Doxylamine	Doxylamine-D5	6.640	70923	768429	0.0923	4.9759
Metoprolol	Oxycodone-D6	6.437	10594	133114	0.0796	5.0150
Bupropion	Bupropion-D9	6.890	36980	337826	0.1095	4.9970
Meprobamate	Meprobamate-D7	7.012	6831	92964	0.0735	5.0788
Zolpidem	Zolpidem-D6	6.960	45329	509131	0.0890	4.3450
Venlafaxine	Venlafaxine-D6	7.125	70520	682928	0.1033	4.8511
Trazodone	Trazodone-D6	7.155	38261	331750	0.1153	5.0593
Citalopram	Citalopram-D6	7.257	47319	472414	0.1002	4.9333
Dextromethorphan	Dextromethorphan-D3	7.268	11226	116014	0.0968	5.1629
Diphenhydramine	Diphenhydramine-D3	7.292	82833	810970	0.1021	5.0846

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

Placal

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.447	80787	845559	0.0955	5.0294
Clonazepam	Clonazepam-D4	7.503	13076	35014	0.3735	5.1188
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	2847	31119	0.0915	5.4256
Carisoprodol	Carisoprodol-D7	7.592	22904	319005	0.0718	5.1699
Lorazepam	Clonazepam-D4	7.602	6899	35014	0.1971	4.7042
Alprazolam	Alprazolam-D5	7.627	20339	170327	0.1194	5.1119



ISP FORENSICS - Cd'A Instrument # 62340

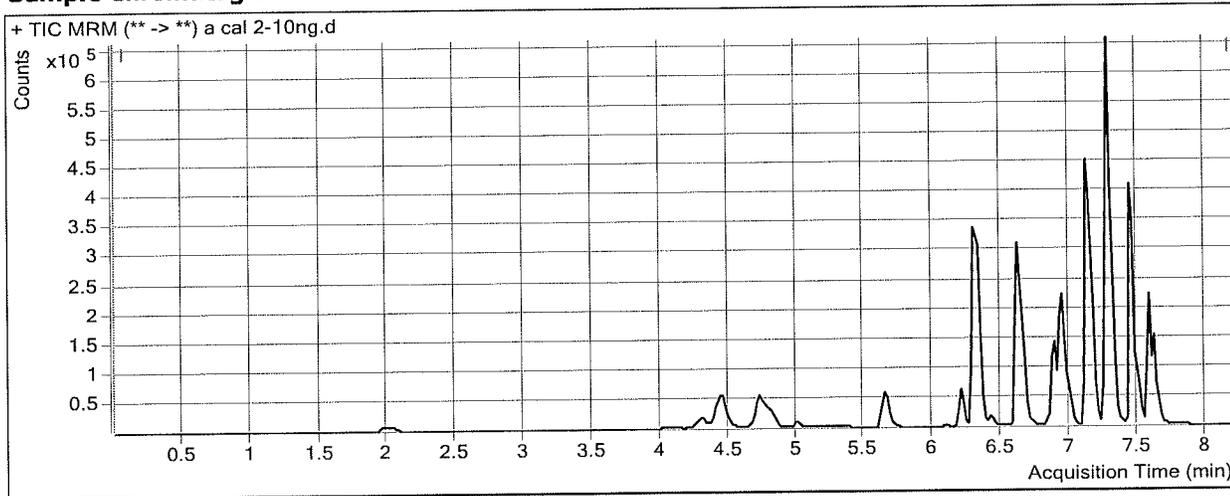
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 13:16 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	2126	2112	1.0069	9.2540
Hydromorphone	Hydromorphone-D6	2.029	11436	42023	0.2721	9.8466
Codeine	Codeine-D6	4.115	5226	21819	0.2395	9.8579
Amphetamine	Amphetamine-D11	4.443	61092	64507	0.9471	8.8665
Oxycodone	Oxycodone-D6	4.489	31772	153511	0.2070	9.8469
Hydrocodone	Hydrocodone-D6	4.794	19770	117207	0.1687	9.2860
Norhydrocodone	Norhydrocodone-D3	4.838	1609	42421	0.0379	10.5348
Methamphetamine	Methamphetamine-D11	4.841	35284	123918	0.2847	9.8723
6-MAM	6-MAM-D6	5.028	673	25995	0.0259	0.9816
Phentermine	Phentermine-D5	5.706	13040	202226	0.0645	9.8385
Dextroprphan	Dextroprphan-D3	6.204	18251	142452	0.1281	9.4645
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	29526	119528	0.2470	10.2190
Tramadol	Tramadol-13C-D3	6.323	173668	802083	0.2165	10.3887
Doxylamine	Doxylamine-D5	6.640	158233	837070	0.1890	10.0007
Metoprolol	Oxycodone-D6	6.437	23531	153511	0.1533	9.7727
Bupropion	Bupropion-D9	6.890	79667	358607	0.2222	9.9606
Meprobamate	Meprobamate-D7	7.012	15960	102140	0.1563	9.9598
Zolpidem	Zolpidem-D6	6.940	102882	544287	0.1890	9.8829
Venlafaxine	Venlafaxine-D6	7.125	164899	760333	0.2169	9.9519
Trazodone	Trazodone-D6	7.155	83070	376852	0.2204	9.7128
Citalopram	Citalopram-D6	7.257	108507	521387	0.2081	10.1980
Dextromethorphan	Dextromethorphan-D3	7.288	26502	130642	0.2029	10.0144
Diphenhydramine	Diphenhydramine-D3	7.292	184614	937383	0.1969	9.6137

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

placal2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.447	165221	881961	0.1873	9.9330
Clonazepam	Clonazepam-D4	7.503	26409	39649	0.6661	9.1847
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	6476	33818	0.1915	9.4296
Carisoprodol	Carisoprodol-D7	7.592	53339	352223	0.1514	10.0520
Lorazepam	Clonazepam-D4	7.602	15541	39649	0.3920	10.2065
Alprazolam	Alprazolam-D5	7.627	46119	193869	0.2379	9.6587



ISP FORENSICS - Cd'A Instrument # 62340

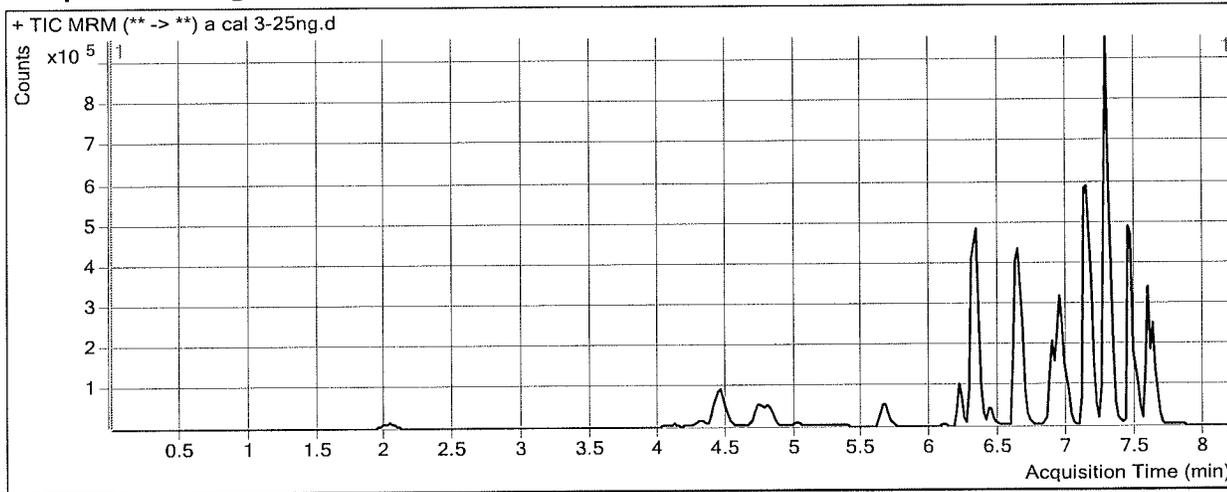
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 13:42 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	6189	2382	2.5986	23.0387
Hydromorphone	Hydromorphone-D6	2.049	32379	47787	0.6776	23.5830
Codeine	Codeine-D6	4.115	14848	23618	0.6287	24.3010
Amphetamine	Amphetamine-D11	4.443	155272	65970	2.3537	27.2998
Oxycodone	Oxycodone-D6	4.489	86354	169728	0.5088	23.9253
Hydrocodone	Hydrocodone-D6	4.794	55352	129217	0.4284	24.3700
Norhydrocodone	Norhydrocodone-D3	4.838	4314	47141	0.0915	23.0088
Methamphetamine	Methamphetamine-D11	4.841	63179	94617	0.6677	24.4373
6-MAM	6-MAM-D6	5.028	1970	27751	0.0710	2.4918
Phentermine	Phentermine-D5	5.706	32038	200597	0.1597	24.7528
Dextrorphan	Dextrorphan-D3	6.204	56003	164335	0.3408	24.5689
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	81628	132290	0.6170	25.9241
Tramadol	Tramadol-13C-D3	6.323	474169	890249	0.5326	26.3479
Doxylamine	Doxylamine-D5	6.640	444974	931153	0.4779	25.0041
Metoprolol	Oxycodone-D6	6.437	64827	169728	0.3819	24.5340
Bupropion	Bupropion-D9	6.890	215563	379570	0.5679	25.1895
Meprobamate	Meprobamate-D7	7.012	45439	115513	0.3934	23.9415
Zolpidem	Zolpidem-D6	6.960	281785	599681	0.4699	25.4385
Venlafaxine	Venlafaxine-D6	7.145	471859	858801	0.5494	24.8825
Trazodone	Trazodone-D6	7.155	221553	395951	0.5595	24.7280
Citalopram	Citalopram-D6	7.257	294603	573389	0.5138	25.1068
Dextromethorphan	Dextromethorphan-D3	7.288	73902	143333	0.5156	24.3145
Diphenhydramine	Diphenhydramine-D3	7.292	509503	993662	0.5128	24.7005

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

placal3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.447	413423	900245	0.4592	24.4583
Clonazepam	Clonazepam-D4	7.503	75932	40043	1.8963	26.2781
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	20373	34446	0.5914	25.4396
Carisoprodol	Carisoprodol-D7	7.592	149573	378426	0.3953	24.9988
Lorazepam	Clonazepam-D4	7.602	38403	40043	0.9590	26.2138
Alprazolam	Alprazolam-D5	7.627	128781	209375	0.6151	24.1344

ISP FORENSICS - Cd'A Instrument # 62340

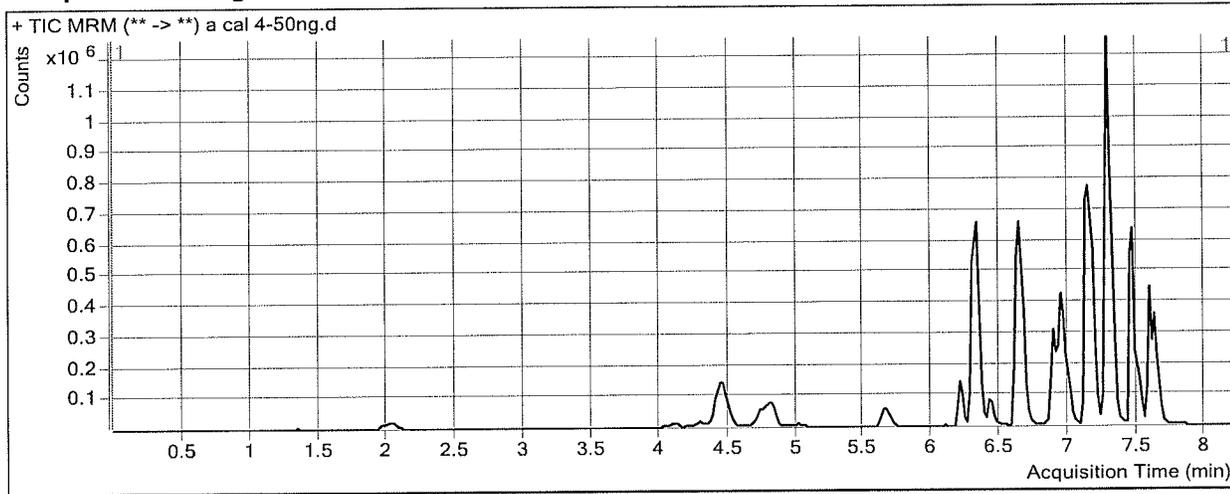
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 14:07 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	11950	1963	6.0887	53.2637
Hydromorphone	Hydromorphone-D6	2.029	62246	43254	1.4391	49.3824
Codeine	Codeine-D6	4.115	28169	22263	1.2652	47.9286
Amphetamine	Amphetamine-D11	4.443	301184	64246	4.6880	57.8898
Oxycodone	Oxycodone-D6	4.489	170879	157531	1.0847	50.7918
Hydrocodone	Hydrocodone-D6	4.794	111049	121024	0.9176	52.7853
Norhydrocodone	Norhydrocodone-D3	4.838	8280	43187	0.1917	46.3314
Methamphetamine	Methamphetamine-D11	4.841	121252	85121	1.4245	53.2147
6-MAM	6-MAM-D6	5.028	3808	26674	0.1427	4.8955
Phentermine	Phentermine-D5	5.706	67657	195350	0.3463	53.9808
Dextrophan	Dextrophan-D3	6.204	111603	159398	0.7002	50.0923
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	158930	122766	1.2946	54.6817
Tramadol	Tramadol-13C-D3	6.323	930697	861988	1.0797	53.9686
Doxylamine	Doxylamine-D5	6.640	897762	909420	0.9872	51.4592
Metoprolol	Oxycodone-D6	6.437	132154	157531	0.8389	54.0329
Bupropion	Bupropion-D9	6.890	427373	372780	1.1464	50.6712
Meprobamate	Meprobamate-D7	7.012	83368	106214	0.7849	47.0289
Zolpidem	Zolpidem-D6	6.960	558701	576442	0.9692	53.0935
Venlafaxine	Venlafaxine-D6	7.125	909024	822104	1.1057	49.8573
Trazodone	Trazodone-D6	7.155	453225	384345	1.1792	52.1652
Citalopram	Citalopram-D6	7.257	586861	568803	1.0317	50.3684
Dextromethorphan	Dextromethorphan-D3	7.288	143874	134295	1.0713	49.7263
Diphenhydramine	Diphenhydramine-D3	7.292	1011379	927979	1.0899	52.2708

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	783970	819737	0.9564	51.0158
Clonazepam	Clonazepam-D4	7.503	136937	36982	3.7028	51.3797
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	37907	31528	1.2023	49.8924
Carisoprodol	Carisoprodol-D7	7.592	266202	337170	0.7895	49.1687
Lorazepam	Clonazepam-D4	7.623	66787	36982	1.8059	50.1194
Alprazolam	Alprazolam-D5	7.627	252685	194341	1.3002	50.4288



ISP FORENSICS - Cd'A Instrument # 62340

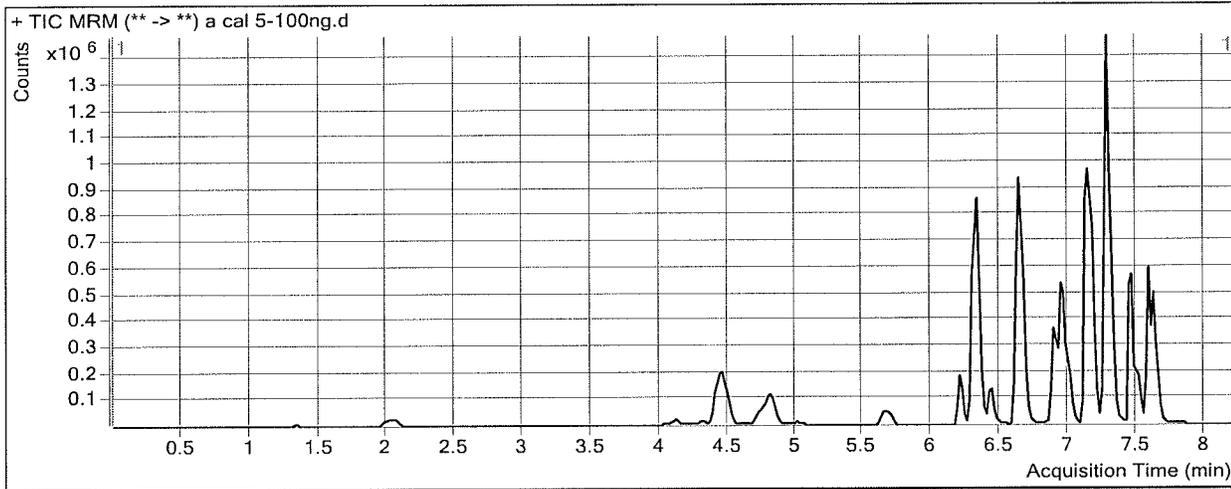
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 14:33 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	19648	1820	10.7962	94.0326
Hydromorphone	Hydromorphone-D6	2.049	102213	35460	2.8825	98.2840
Codeine	Codeine-D6	4.115	48166	18757	2.5679	96.2786
Amphetamine	Amphetamine-D11	4.443	474433	52541	9.0297	114.7872
Oxycodone	Oxycodone-D6	4.489	283117	128125	2.2097	103.2678
Hydrocodone	Hydrocodone-D6	4.794	182597	100332	1.8199	105.1979
Norhydrocodone	Norhydrocodone-D3	4.838	13330	36061	0.3697	87.7419
Methamphetamine	Methamphetamine-D11	4.841	217992	79932	2.7272	102.7568
6-MAM	6-MAM-D6	5.028	6571	22939	0.2864	9.7085
Phentermine	Phentermine-D5	5.706	113356	168732	0.6718	104.9544
Dextrophan	Dextrophan-D3	6.204	175419	121312	1.4460	103.0669
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	246766	97065	2.5423	107.6390
Tramadol	Tramadol-13C-D3	6.323	1527740	713806	2.1403	107.5135
Doxylamine	Doxylamine-D5	6.640	1454016	722752	2.0118	104.6802
Metoprolol	Oxycodone-D6	6.437	214146	128125	1.6714	107.7737
Bupropion	Bupropion-D9	6.910	630902	283704	2.2238	98.1236
Meprobamate	Meprobamate-D7	7.012	152308	92277	1.6506	98.0739
Zolpidem	Zolpidem-D6	6.960	898906	477040	1.8843	103.7764
Venlafaxine	Venlafaxine-D6	7.145	1492481	662033	2.2544	101.4270
Trazodone	Trazodone-D6	7.155	650962	285165	2.2828	101.0272
Citalopram	Citalopram-D6	7.257	879307	408152	2.1544	105.1206
Dextromethorphan	Dextromethorphan-D3	7.288	202517	92217	2.1961	101.1577
Diphenhydramine	Diphenhydramine-D3	7.292	1491242	714356	2.0875	99.9312

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	924553	495726	1.8650	99.5588
Clonazepam	Clonazepam-D4	7.503	210269	26425	7.9572	110.4949
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	63092	26488	2.3820	97.1137
Carisoprodol	Carisoprodol-D7	7.592	427586	275173	1.5539	96.0269
Lorazepam	Clonazepam-D4	7.602	93251	26425	3.5289	98.7561
Alprazolam	Alprazolam-D5	7.627	408704	156221	2.6162	100.9336



ISP FORENSICS - Cd'A Instrument # 62340

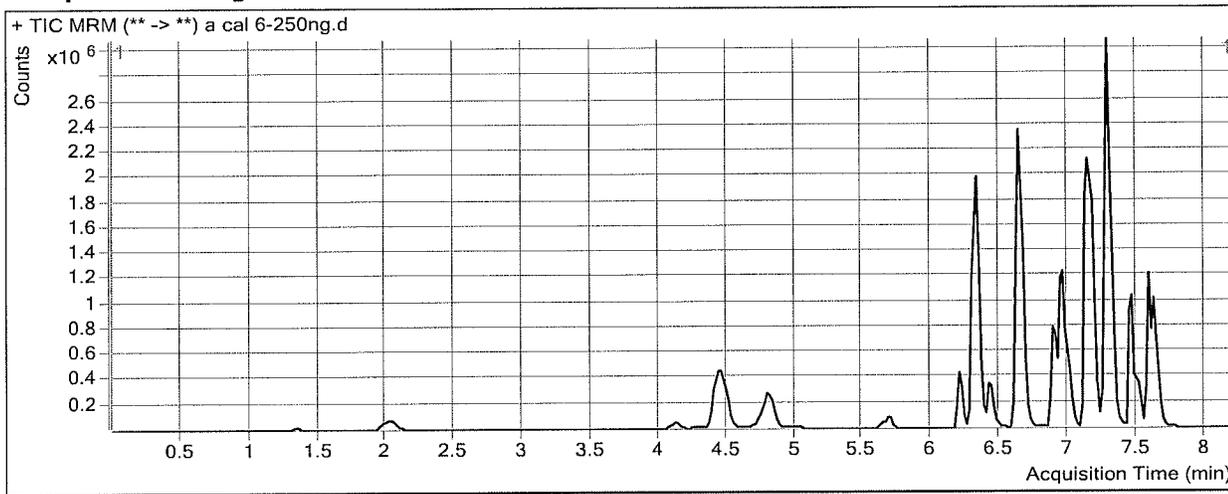
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin		
Analysis Time	6/27/2018 8:56 AM	Analyst Name	ISP Tox
Report Time	6/27/2018 9:04 AM	Reporter Name	ISP Tox
Last Calib Update	6/27/2018 8:56 AM	Batch State	Processed

Analysis Info

Acq Time	2018-06-26 14:58	Data File	a cal 6-250ng.d
Sample Type	Calibration	Sample Name	a cal 6-250ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



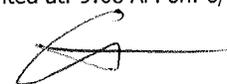
Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	57069	2024	28.1979	244.7363
Hydromorphone	Hydromorphone-D6	2.049	297504	39516	7.5286	255.6926
Codeine	Codeine-D6	4.115	133272	19956	6.6783	248.8420
Amphetamine	Amphetamine-D11	4.443	1170905	57210	20.4668	264.6663
Oxycodone	Oxycodone-D6	4.489	772247	140887	5.4813	255.8798
Hydrocodone	Hydrocodone-D6	4.794	513014	110242	4.6535	269.7842
Norhydrocodone	Norhydrocodone-D3	4.838	41607	37360	1.1137	260.9106
Methamphetamine	Methamphetamine-D11	4.841	458635	66157	6.9325	262.6811
6-MAM	6-MAM-D6	5.028	19201	25978	0.7391	24.8711
Phentermine	Phentermine-D5	5.706	263060	161111	1.6328	255.4546
Dextroprphan	Dextroprphan-D3	6.204	480718	133922	3.5895	255.3084
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	633833	104468	6.0673	257.2536
Tramadol	Tramadol-13C-D3	6.323	4250603	844866	5.0311	253.4627
Doxylamine	Doxylamine-D5	6.640	4009680	842159	4.7612	247.4940
Metoprolol	Oxycodone-D6	6.437	574714	140887	4.0793	263.2139
Bupropion	Bupropion-D9	6.890	1624866	275993	5.8873	259.4847
Meprobamate	Meprobamate-D7	7.012	412378	92278	4.4689	264.2605
Zolpidem	Zolpidem-D6	6.960	2499901	541136	4.6197	255.2727
Venlafaxine	Venlafaxine-D6	7.145	4075137	719748	5.6619	254.4083
Trazodone	Trazodone-D6	7.155	1728295	305581	5.6558	250.3750
Citalopram	Citalopram-D6	7.257	2045893	412156	4.9639	242.1464
Dextromethorphan	Dextromethorphan-D3	7.288	510521	93883	5.4379	249.3920
Diphenhydramine	Diphenhydramine-D3	7.292	3922616	734063	5.3437	255.4856

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

placal 6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	2040415	437883	4.6597	248.8543
Clonazepam	Clonazepam-D4	7.503	467995	25975	18.0169	250.2743
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	146919	24204	6.0700	244.7451
Carisoprodol	Carisoprodol-D7	7.592	1074191	247334	4.3431	267.0144
Lorazepam	Clonazepam-D4	7.602	158861	25975	6.1158	171.7808
Alprazolam	Alprazolam-D5	7.627	995689	152219	6.5412	251.5655



ISP FORENSICS - Cd'A Instrument # 62340

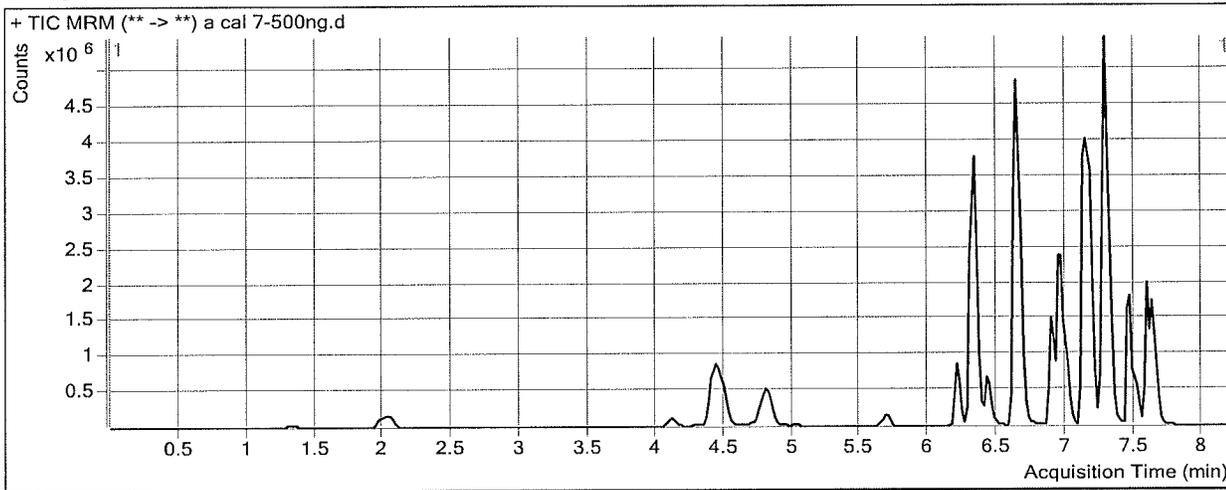
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin
Analysis Time 6/27/2018 8:56 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:04 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 8:56 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 15:23 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** a1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	119681	2003	59.7597	518.0704
Hydromorphone	Hydromorphone-D6	2.049	645938	42173	15.3165	519.5394
Codeine	Codeine-D6	4.115	271718	19738	13.7665	511.9323
Amphetamine	Amphetamine-D11	4.443	2182431	61324	35.5887	462.8336
Oxycodone	Oxycodone-D6	4.489	1572178	145305	10.8198	504.9032
Hydrocodone	Hydrocodone-D6	4.794	1037882	119017	8.7205	506.0089
Norhydrocodone	Norhydrocodone-D3	4.838	94534	37448	2.5244	589.2412
Methamphetamine	Methamphetamine-D11	4.841	874796	68710	12.7318	483.2193
6-MAM	6-MAM-D6	5.028	42390	29354	1.4441	48.4841
Phentermine	Phentermine-D5	5.706	526069	171495	3.0675	480.1572
Dextrophan	Dextrophan-D3	6.204	1040393	147796	7.0394	500.3303
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	1162999	102368	11.3609	481.9386
Tramadol	Tramadol-13C-D3	6.323	9002668	950527	9.4712	477.6330
Doxylamine	Doxylamine-D5	6.640	8967925	930716	9.6355	500.6828
Metoprolol	Oxycodone-D6	6.417	1114231	145305	7.6682	494.8966
Bupropion	Bupropion-D9	6.890	3105571	270531	11.4795	505.7938
Meprobamate	Meprobamate-D7	7.012	754129	85231	8.8480	522.4862
Zolpidem	Zolpidem-D6	6.960	5324974	570626	9.3318	516.2463
Venlafaxine	Venlafaxine-D6	7.125	8847452	770694	11.4799	515.6081
Trazodone	Trazodone-D6	7.155	3740721	335166	11.1608	494.1244
Citalopram	Citalopram-D6	7.257	3931977	375466	10.4723	510.8007
Dextromethorphan	Dextromethorphan-D3	7.288	990121	92633	10.6886	489.4900
Diphenhydramine	Diphenhydramine-D3	7.292	7695711	734947	10.4711	500.4329

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

Placal 7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	3901713	414818	9.4058	502.3978
Clonazepam	Clonazepam-D4	7.503	727021	23082	31.4974	437.5853
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	258695	20851	12.4071	498.4193
Carisoprodol	Carisoprodol-D7	7.592	1934856	248367	7.7903	478.3424
Lorazepam	Clonazepam-D4	7.602	266061	23082	11.5268	324.5227
Alprazolam	Alprazolam-D5	7.627	1878356	143149	13.1217	504.1133



ISP FORENSICS - Cd'A Instrument # 62340

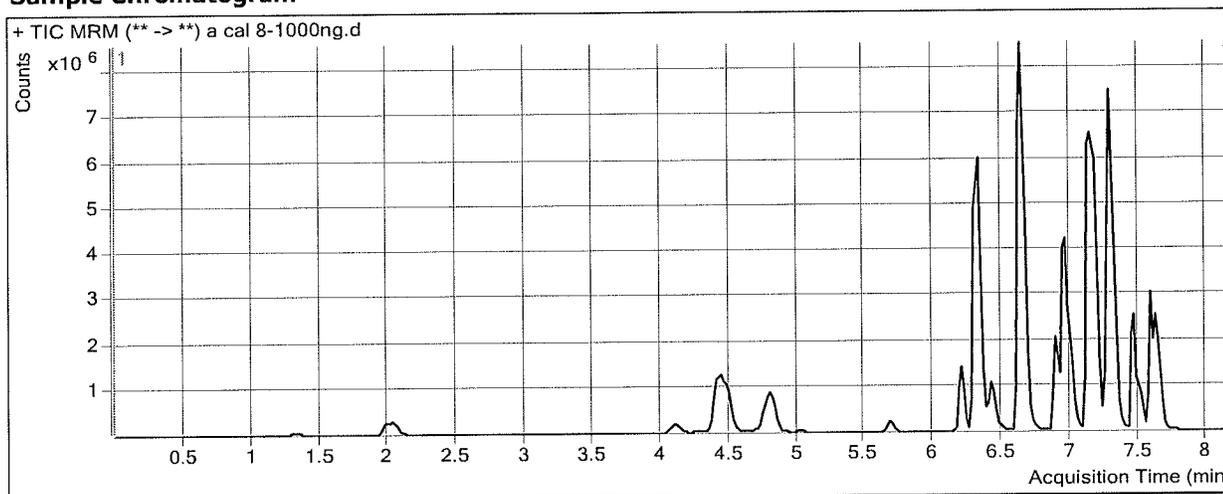
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\06262018 mdq\QuantResults\mdq p1a.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/27/2018 8:56 AM	Reporter Name	ISP Tox
Report Time	6/27/2018 9:04 AM	Batch State	Processed
Last Calib Update	6/27/2018 8:56 AM		

Analysis Info

Acq Time	2018-06-26 15:49	Data File	a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	a cal 8-1000ng
Dilution	1	Acq Method	a1 mdq 618.m
Position	P2-H1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.348	214405	1873	114.4729	991.9020
Hydromorphone	Hydromorphone-D6	2.029	1188207	39509	30.0743	1019.5275
Codeine	Codeine-D6	4.115	477461	17822	26.7902	995.3284
Amphetamine	Amphetamine-D11	4.423	3157075	53622	58.8763	768.0100
Oxycodone	Oxycodone-D6	4.489	2930383	140506	20.8559	973.0536
Hydrocodone	Hydrocodone-D6	4.774	1899577	113932	16.6729	967.9185
Norhydrocodone	Norhydrocodone-D3	4.838	192810	30548	6.3117	1470.7126
Methamphetamine	Methamphetamine-D11	4.821	1213469	49919	24.3086	923.4714
6-MAM	6-MAM-D6	5.028	84662	27826	3.0426	102.0239
Phentermine	Phentermine-D5	5.686	797254	136459	5.8425	914.7444
Dextroprphan	Dextroprphan-D3	6.204	1854215	133308	13.9092	988.2522
7-aminoclonazepam	7-Aminoclonazepam-D4	6.312	1693359	88811	19.0669	809.0119
Tramadol	Tramadol-13C-D3	6.323	15463495	946315	16.3408	824.4548
Doxylamine	Doxylamine-D5	6.640	16229867	899636	18.0405	937.2652
Metoprolol	Oxycodone-D6	6.417	1822751	140506	12.9727	837.3291
Bupropion	Bupropion-D9	6.890	4236870	195903	21.6274	952.7576
Meprobamate	Meprobamate-D7	7.012	1267861	74277	17.0694	1007.2747
Zolpidem	Zolpidem-D6	6.960	9796052	557868	17.5598	971.9446
Venlafaxine	Venlafaxine-D6	7.125	15649454	717808	21.8017	979.0136
Trazodone	Trazodone-D6	7.155	6695206	301125	22.2340	984.4156
Citalopram	Citalopram-D6	7.257	5526229	286589	19.2828	940.5076
Dextromethorphan	Dextromethorphan-D3	7.288	1419052	64245	22.0880	1010.7421
Diphenhydramine	Diphenhydramine-D3	7.292	11763413	581777	20.2198	966.1495

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

Placal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Promethazine	Promethazine-D3	7.467	5630043	298839	18.8397	1006.3676
Clonazepam	Clonazepam-D4	7.503	1120072	15596	71.8168	997.8226
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.560	427569	16984	25.1755	1009.5347
Carisoprodol	Carisoprodol-D7	7.592	2886895	172543	16.7314	1026.4663
Lorazepam	Clonazepam-D4	7.623	422918	15596	27.1167	764.5978
Alprazolam	Alprazolam-D5	7.627	2981378	112903	26.4066	1013.9623



ISP FORENSICS - Cd'A Instrument # 62340

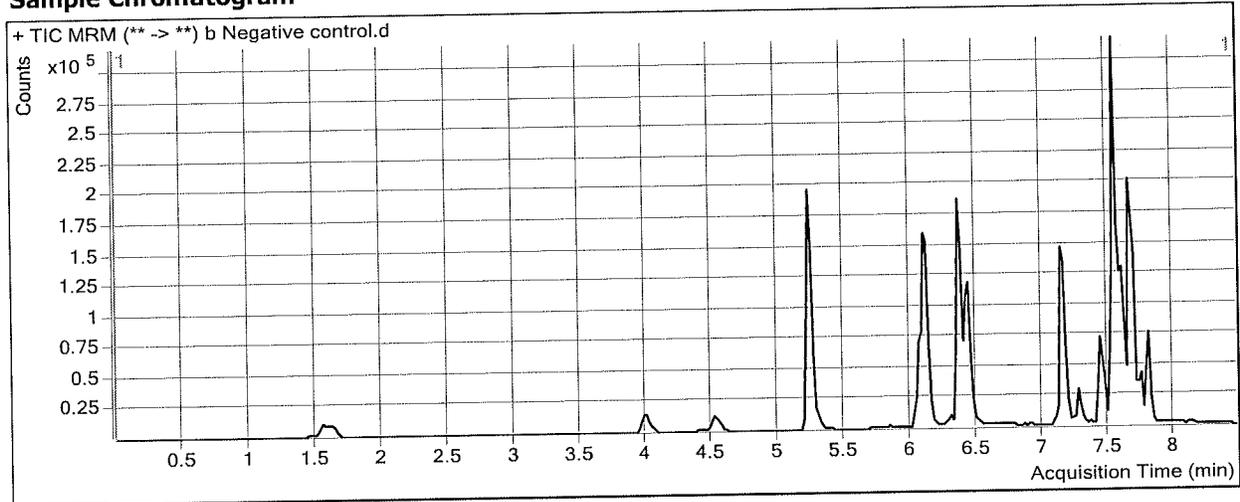
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 16:40 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



ISP FORENSICS - Cd'A Instrument # 62340

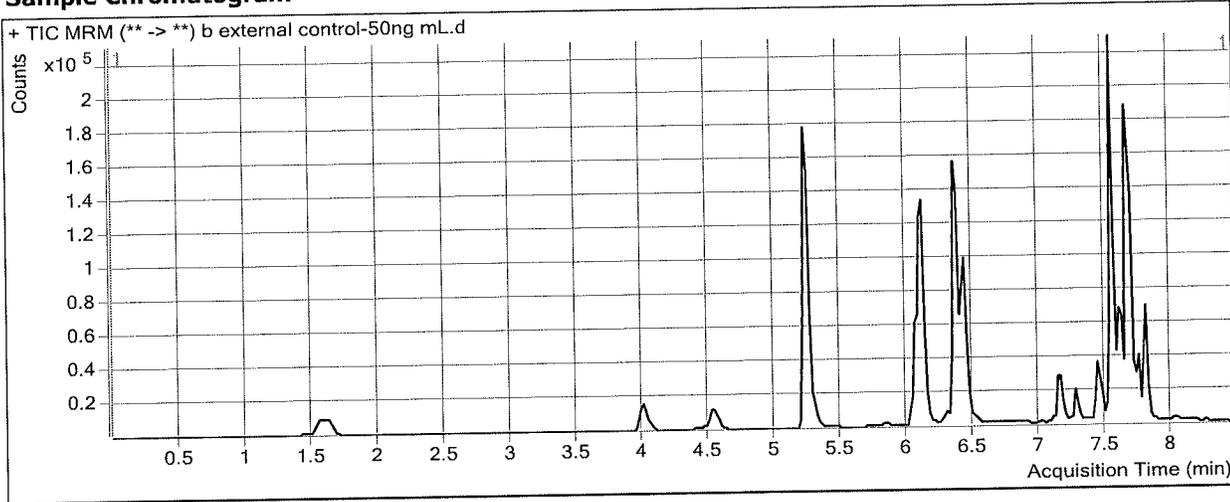
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 17:05 **Data File** b external control-50ng mL.d
Sample Type Sample **Sample Name** b external control-50ng mL
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; external control p1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Methadone	Methadone-D9	7.540	147513	169602	0.8698	48.4354
Sertraline	Sertraline-D3	7.643	4566	5167	0.8837	39.5160

ISP FORENSICS - Cd'A Instrument # 62340

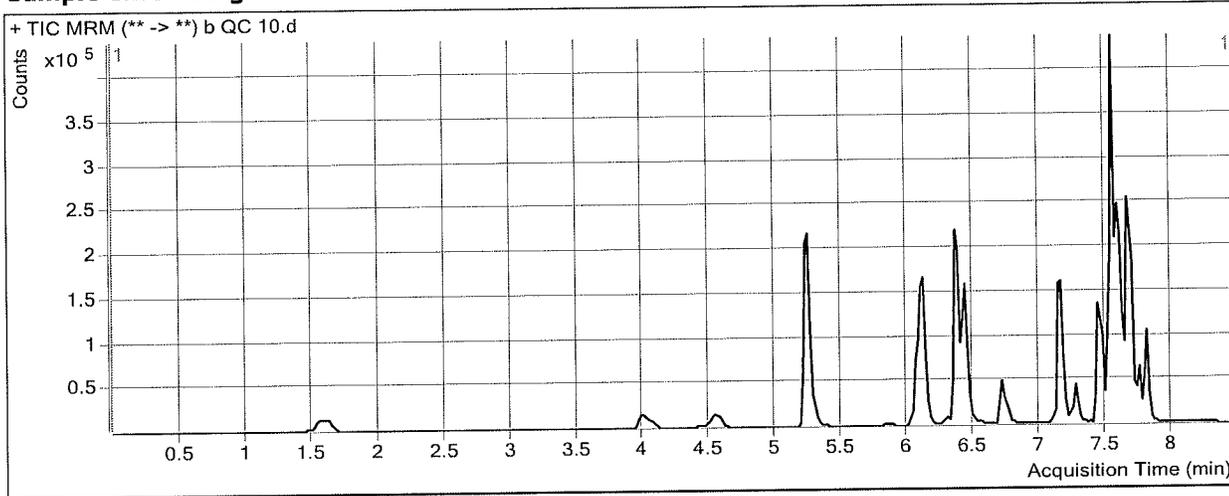
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin		
Analysis Time	6/27/2018 9:19 AM	Analyst Name	ISP Tox
Report Time	6/27/2018 9:21 AM	Reporter Name	ISP Tox
Last Calib Update	6/27/2018 9:19 AM	Batch State	Processed

Analysis Info

Acq Time	2018-06-26 17:31	Data File	b QC 10.d
Sample Type	QC	Sample Name	b QC 10
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-A2	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	16515	76176	0.2168	9.7063
Dihydrocodeine	Dihydrocodeine-D6	4.070	14454	72468	0.1995	9.9003
Noroxycodone	Noroxycodone-D3	4.578	12977	51126	0.2538	10.5166
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	133560	636974	0.2097	10.3260
Benzoylcegonine	Benzoylcegonine-d8	5.868	844	5565	0.1517	10.9852
Ketamine	Ketamine-D4	6.081	49995	204906	0.2440	10.1165
Norfentanyl	Norfentanyl-D5	6.144	8905	459557	0.0194	1.1640 *
Cocaine	Cocaine-d3	6.349	103212	556082	0.1856	9.8110
alpha-PVP	alpha-PVP-d8	6.445	77655	356357	0.2179	9.7347
Mirtazapine	alpha-PVP-d8	6.720	84632	356357	0.2375	9.5455
Norbuprenorphine	Norbuprenorphine-D3	7.092	456	19131	0.0239	1.2013 *
Fentanyl	Fentanyl-D5	7.158	9687	488193	0.0198	0.9298
Mitragynine	EDDP-D3	7.234	22928	57994	0.3954	6.7555
EDDP	EDDP-D3	7.266	11118	57994	0.1917	9.3715
Quetiapine	Quetiapine-D8	7.456	130784	174604	0.7490	9.4322
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	40775	186964	0.2181	10.3895
Methadone	Methadone-D9	7.540	113326	550397	0.2059	12.0404
Buprenorphine	Buprenorphine-D4	7.573	2417	122528	0.0197	0.9245
Fluoxetine	Fluoxetine-D6	7.581	81421	370735	0.2196	10.5870
Sertraline	Sertraline-D3	7.643	14055	69883	0.2011	10.0420
Temazepam	Temazepam-D5	7.685	86985	425014	0.2047	9.8737
Oxazepam	Oxazepam-D5	7.626	33868	172087	0.1968	9.9947
Nordiazepam	Nordiazepam-D5	7.753	32128	89543	0.3588	10.7313

* outside curve range

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

QC 10
P16 cat *

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	36350	163043	0.2229	9.0884



ISP FORENSICS - Cd'A Instrument # 62340

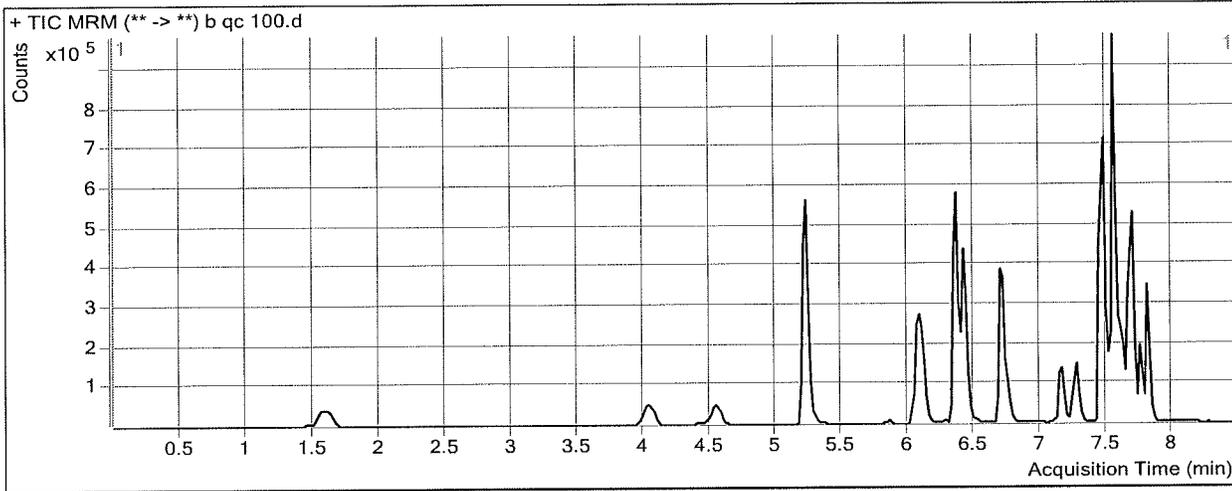
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 21:31 **Data File** b qc 100.d
Sample Type QC **Sample Name** b qc 100
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	159411	68921	2.3130	94.0519
Dihydrocodeine	Dihydrocodeine-D6	4.050	140853	67116	2.0986	113.6594
Noroxycodone	Noroxycodone-D3	4.558	115386	37574	3.0709	108.2813
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	1255108	577985	2.1715	105.7546
Benzoylcegonine	Benzoylcegonine-d8	5.848	9520	4812	1.9783	138.9484
Ketamine	Ketamine-D4	6.061	469341	183318	2.5603	103.3799
Norfentanyl	Norfentanyl-D5	6.124	89641	399704	0.2243	10.1284
Cocaine	Cocaine-d3	6.349	962509	499194	1.9281	102.1088
alpha-PVP	alpha-PVP-d8	6.425	686988	309873	2.2170	95.7602
Mirtazapine	alpha-PVP-d8	6.700	719176	309873	2.3209	93.8789
Norbuprenorphine	Norbuprenorphine-D3	7.092	2956	15273	0.1935	8.8983
Fentanyl	Fentanyl-D5	7.158	70224	323696	0.2169	9.2113
Mitragynine	EDDP-D3	7.234	174690	46570	3.7511	80.4738
EDDP	EDDP-D3	7.266	103574	46570	2.2241	99.7115
Quetiapine	Quetiapine-D8	7.456	1125351	134962	8.3383	117.3872
Cyclobenzaprine	Cyclobenzaprine-D3	7.529	198182	91025	2.1772	102.7775
Methadone	Methadone-D9	7.540	823462	426077	1.9327	106.7065
Buprenorphine	Buprenorphine-D4	7.594	20671	85729	0.2411	10.6215
Fluoxetine	Fluoxetine-D6	7.602	250209	118024	2.1200	100.5178
Sertraline	Sertraline-D3	7.643	32042	11329	2.8282	123.4869
Temazepam	Temazepam-D5	7.685	704883	325402	2.1662	97.3735
Oxazepam	Oxazepam-D5	7.626	194214	92923	2.0901	100.5747
Nordiazepam	Nordiazepam-D5	7.753	233345	63054	3.7007	120.5813

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

PIB QC 100

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	348391	132089	2.6375	106.7804



ISP FORENSICS - Cd'A Instrument # 62340

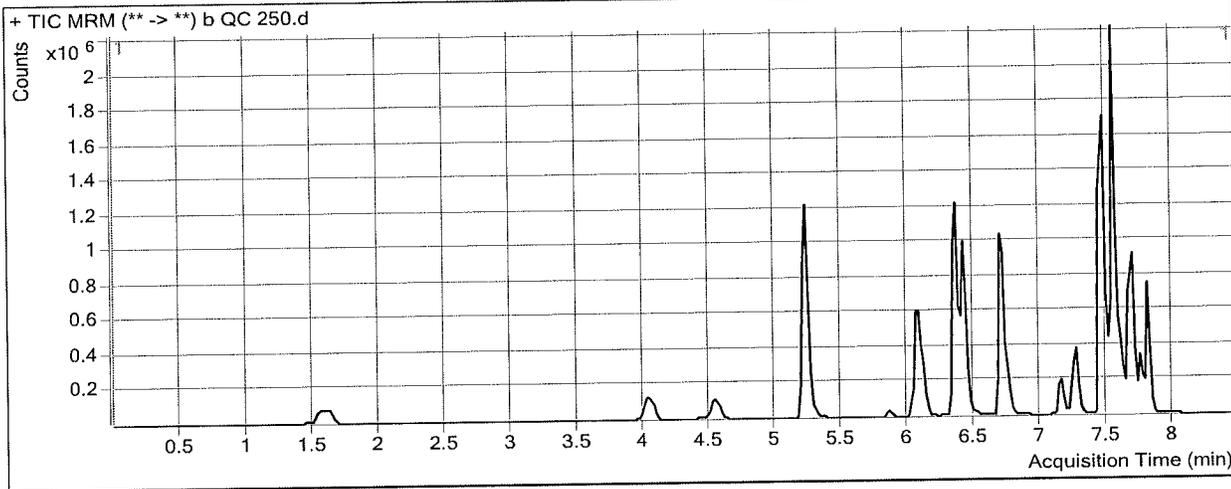
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 23:38 **Data File** b QC 250.d
Sample Type QC **Sample Name** b QC 250
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	409228	67975	6.0203	243.2264
Dihydrocodeine	Dihydrocodeine-D6	4.050	380621	72480	5.2514	285.9062
Noroxycodone	Noroxycodone-D3	4.558	282899	38676	7.3147	255.5613
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	3354289	617544	5.4317	264.3347
Benzoylcegonine	Benzoylcegonine-d8	5.848	37564	5583	6.7284	471.7157
Ketamine	Ketamine-D4	6.061	1288810	198278	6.5000	262.0126
Norfentanyl	Norfentanyl-D5	6.124	250925	431874	0.5810	25.7367
Cocaine	Cocaine-d3	6.349	2435962	514407	4.7355	250.8083
alpha-PVP	alpha-PVP-d8	6.425	1871012	329687	5.6751	244.5718
Mirtazapine	alpha-PVP-d8	6.700	2022894	329687	6.1358	248.3039
Norbuprenorphine	Norbuprenorphine-D3	7.092	8710	16243	0.5362	24.4426
Fentanyl	Fentanyl-D5	7.158	185680	320939	0.5786	24.4046
Mitragynine	EDDP-D3	7.234	436779	51366	8.5033	184.8667
EDDP	EDDP-D3	7.266	316772	51366	6.1670	274.9777
Quetiapine	Quetiapine-D8	7.456	2993317	141216	21.1968	300.2960
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	514001	90291	5.6927	268.5605
Methadone	Methadone-D9	7.540	2149152	468308	4.5892	252.3448
Buprenorphine	Buprenorphine-D4	7.594	53751	89436	0.6010	26.3843
Fluoxetine	Fluoxetine-D6	7.602	570142	106990	5.3289	252.3736
Sertraline	Sertraline-D3	7.643	65598	12418	5.2826	229.4753
Temazepam	Temazepam-D5	7.685	1566621	286101	5.4758	245.0066
Oxazepam	Oxazepam-D5	7.626	300521	54509	5.5132	264.3510
Nordiazepam	Nordiazepam-D5	7.753	459025	55621	8.2527	270.2074

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

P16 QC 250

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	886545	136274	6.5056	263.2775



ISP FORENSICS - Cd'A Instrument # 62340

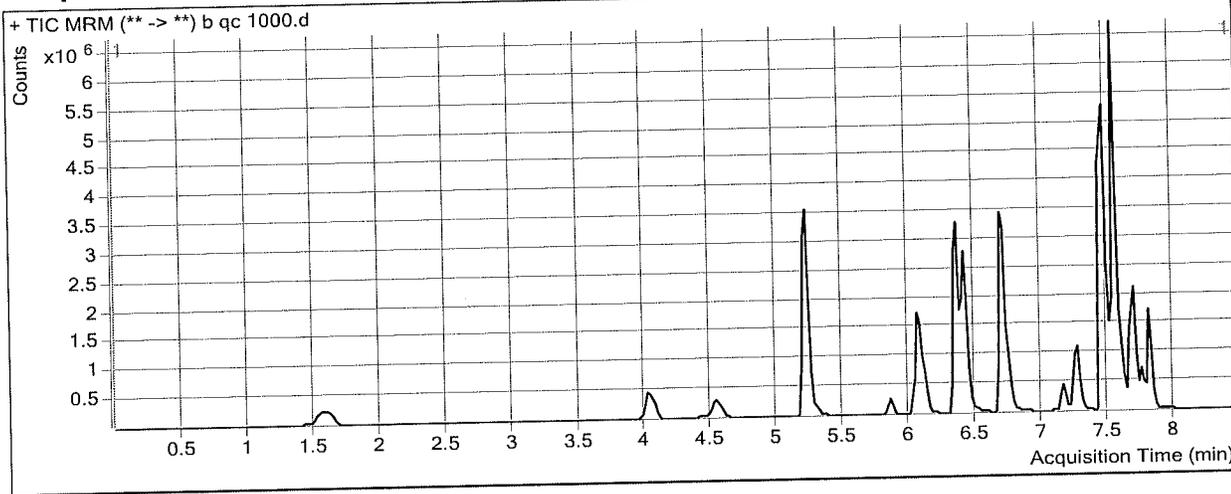
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-27 00:03 **Data File** b qc 1000.d
Sample Type QC **Sample Name** b qc 1000
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	1267056	54471	23.2609	936.9584
Dihydrocodeine	Dihydrocodeine-D6	4.050	1242052	71439	17.3863	948.8766
Noroxycodone	Noroxycodone-D3	4.558	833065	27289	30.5270	1061.1365
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	11573887	548215	21.1120	1027.0599
Benzoylcegonine	Benzoylcegonine-d8	5.848	299821	5019	59.7337	4185.0102 ★
Ketamine	Ketamine-D4	6.061	4158076	176984	23.4941	946.2734
Norfentanyl	Norfentanyl-D5	6.124	911522	384186	2.3726	104.1222
Cocaine	Cocaine-d3	6.349	7487232	433897	17.2558	913.9840
alpha-PVP	alpha-PVP-d8	6.425	5985338	278542	21.4881	925.0443
Mirtazapine	alpha-PVP-d8	6.700	7046834	278542	25.2990	1024.0135
Norbuprenorphine	Norbuprenorphine-D3	7.092	27723	13148	2.1086	95.7698
Fentanyl	Fentanyl-D5	7.158	651264	277266	2.3489	98.7867
Mitragynine	EDDP-D3	7.234	1371225	46220	29.6676	649.7946 ★
EDDP	EDDP-D3	7.266	1126976	46220	24.3831	1084.7025
Quetiapine	Quetiapine-D8	7.456	10313386	130428	79.0733	1123.5732
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	1628381	75628	21.5315	1015.4807
Methadone	Methadone-D9	7.540	7419321	403071	18.4070	1009.8765
Buprenorphine	Buprenorphine-D4	7.573	138887	63667	2.1815	95.6094
Fluoxetine	Fluoxetine-D6	7.602	1784140	87749	20.3322	962.3726
Sertraline	Sertraline-D3	7.663	234510	9928	23.6217	1021.4202
Temazepam	Temazepam-D5	7.685	3839244	177920	21.5785	963.3166
Oxazepam	Oxazepam-D5	7.626	488327	23801	20.5167	982.1757
Nordiazepam	Nordiazepam-D5	7.753	993806	25269	39.3293	1291.7051

★ - outside curve range

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

P15 QC1000

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	2507265	97318	25.7637	1042.4354



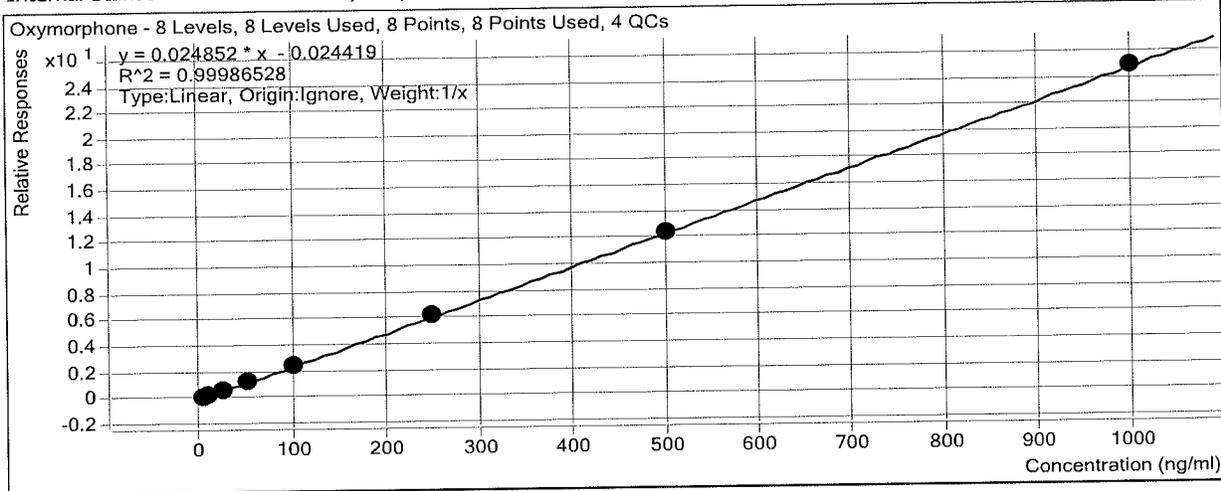
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b qc 100	5	<input checked="" type="checkbox"/>	100	94.1	94.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.2	100.1
b QC 250	6	<input checked="" type="checkbox"/>	250	243.2	97.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.4	100.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.2	100.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	937.0	93.7

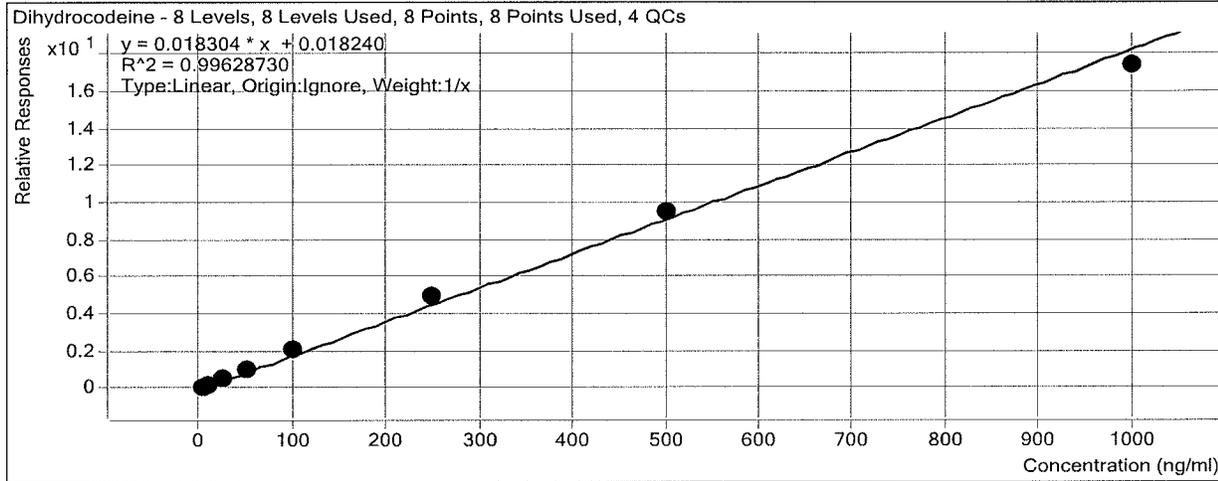
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.0	80.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.5
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.6	109.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.8	109.8
b qc 100	5	<input checked="" type="checkbox"/>	100	113.7	113.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.9	107.9
b QC 250	6	<input checked="" type="checkbox"/>	250	285.9	114.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.0	103.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	948.3	94.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	948.9	94.9

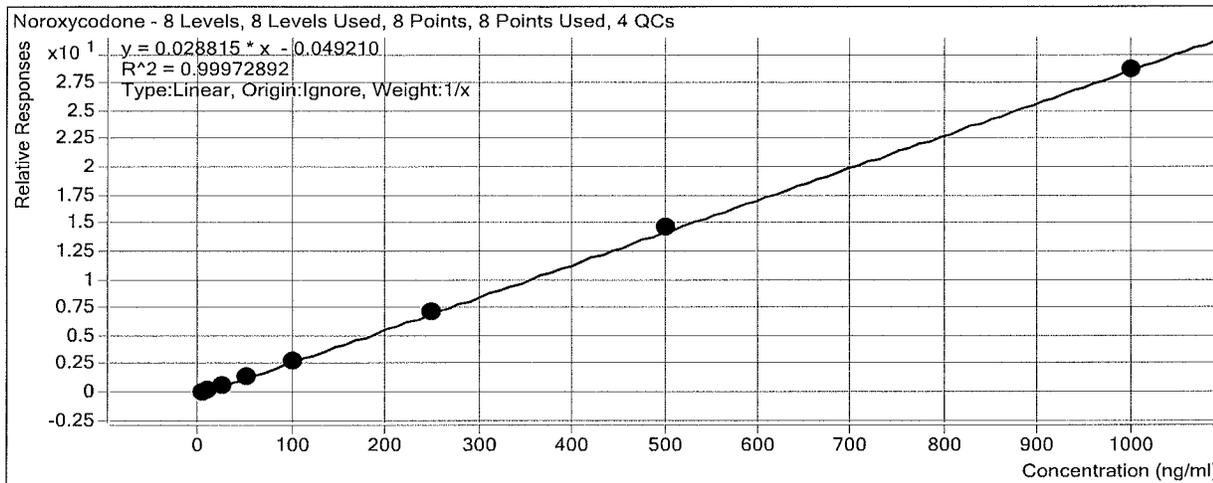
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.6	106.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.5	97.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.9	97.9
b qc 100	5	<input checked="" type="checkbox"/>	100	108.3	108.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.3	99.3
b QC 250	6	<input checked="" type="checkbox"/>	250	255.6	102.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.9	102.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	996.2	99.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1061.1	106.1

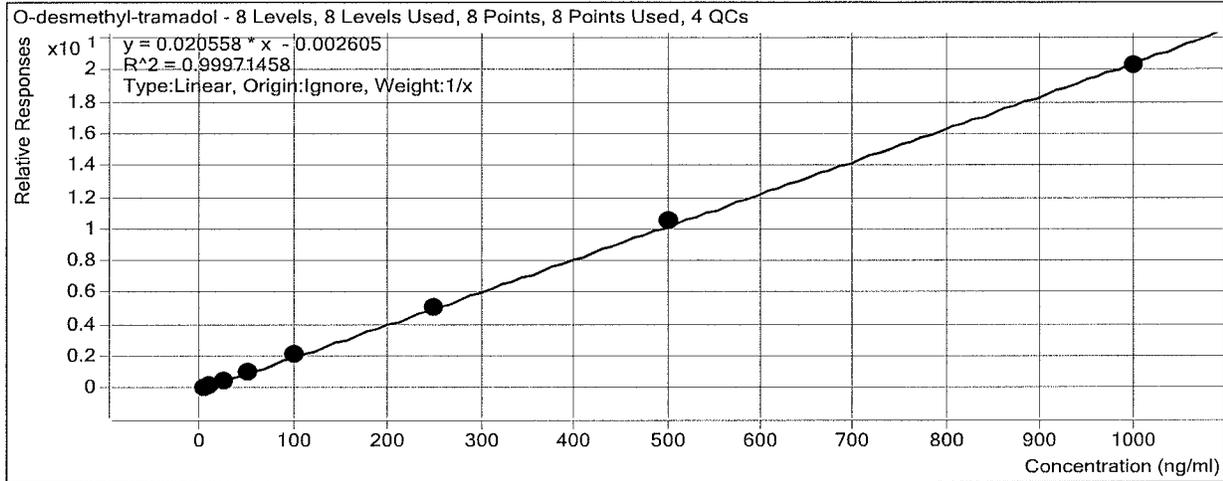
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b qc 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.0	100.0
b QC 250	6	<input checked="" type="checkbox"/>	250	264.3	105.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	511.4	102.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.6	98.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1027.1	102.7

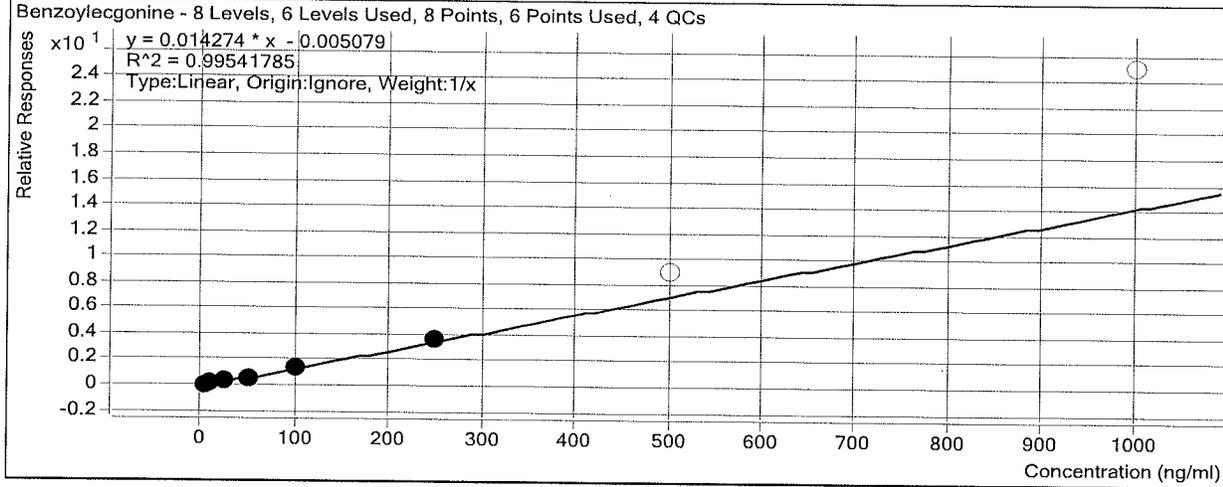
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

Target Compound Benzoylecgonine
Internal Standard Benzoylecgonine-d8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.2	123.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.0
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	95.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	43.0	86.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b qc 100	5	<input checked="" type="checkbox"/>	100	138.9	138.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.0	102.4
b QC 250	6	<input checked="" type="checkbox"/>	250	471.7	188.7
b cal 7-500ng	7	<input type="checkbox"/>	500	636.6	127.3
b cal 8-1000ng	8	<input type="checkbox"/>	1000	1752.1	175.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	4185.0	418.5

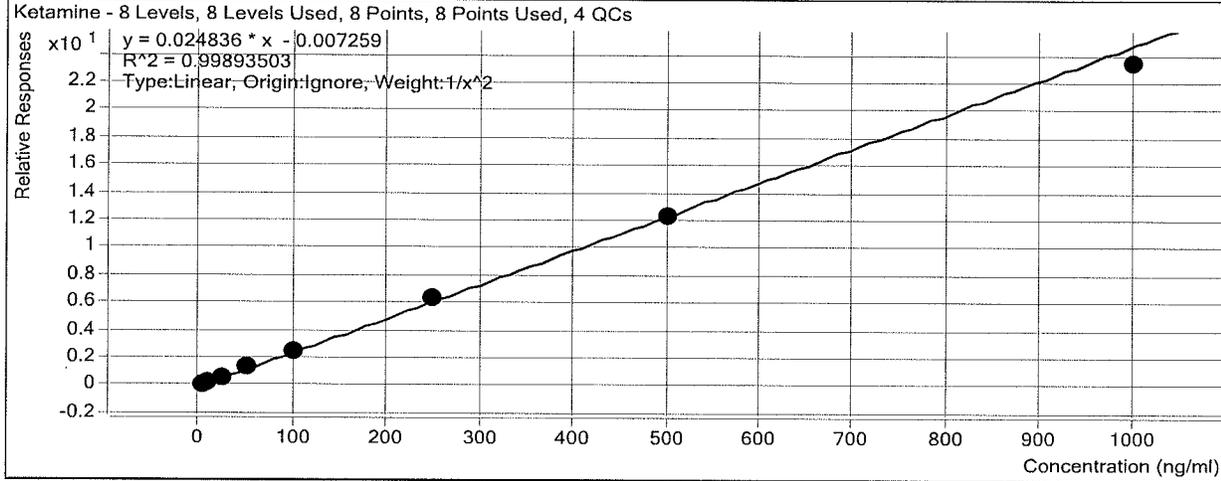
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.4	102.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b qc 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.1	102.8
b QC 250	6	<input checked="" type="checkbox"/>	250	262.0	104.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.4	99.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	942.1	94.2
b qc 1000	8	<input checked="" type="checkbox"/>	1000	946.3	94.6

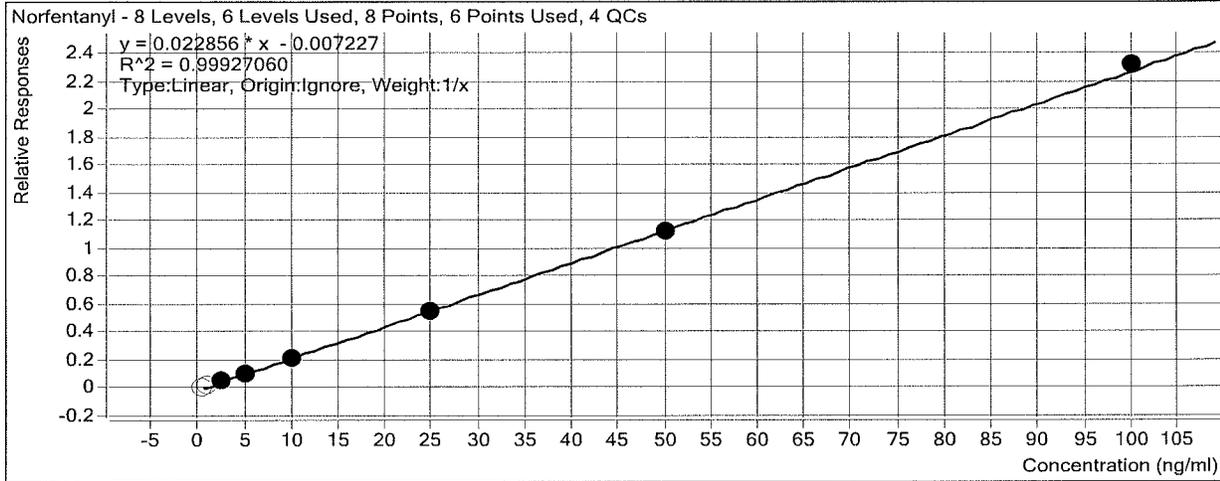
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.7	144.6
b cal 2-10ng	2	<input type="checkbox"/>	1	1.1	113.3
b QC 10	2	<input type="checkbox"/>	1	1.2	116.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	109.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.4	94.4
b qc 100	5	<input checked="" type="checkbox"/>	10	10.1	101.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.2	97.0
b QC 250	6	<input checked="" type="checkbox"/>	25	25.7	102.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.6	99.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.5	101.5
b qc 1000	8	<input checked="" type="checkbox"/>	100	104.1	104.1

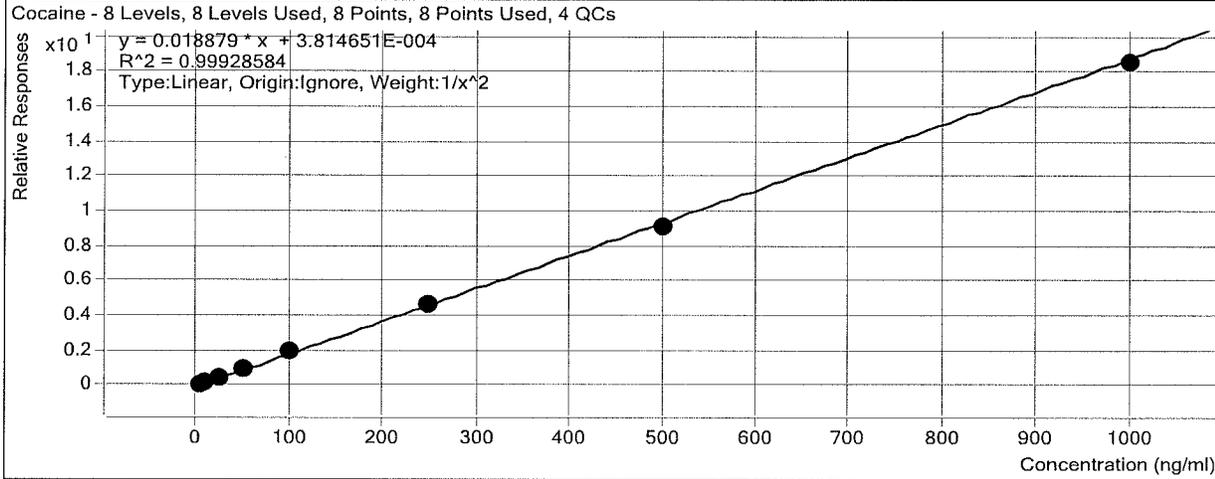
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3

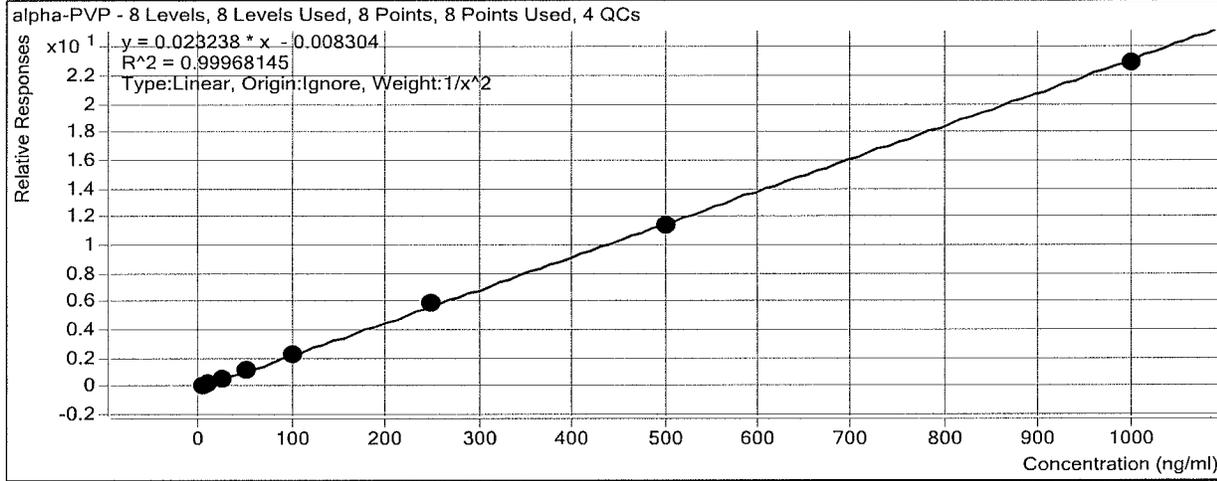


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b qc 100	5	<input checked="" type="checkbox"/>	100	102.1	102.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.9	99.2
b QC 250	6	<input checked="" type="checkbox"/>	250	250.8	100.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.3	97.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	980.2	98.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	914.0	91.4

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Last Calib Update 6/27/2018 9:19 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
b qc 100	5	<input checked="" type="checkbox"/>	100	95.8	95.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.5	100.2
b QC 250	6	<input checked="" type="checkbox"/>	250	244.6	97.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.5	97.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.8	98.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	925.0	92.5

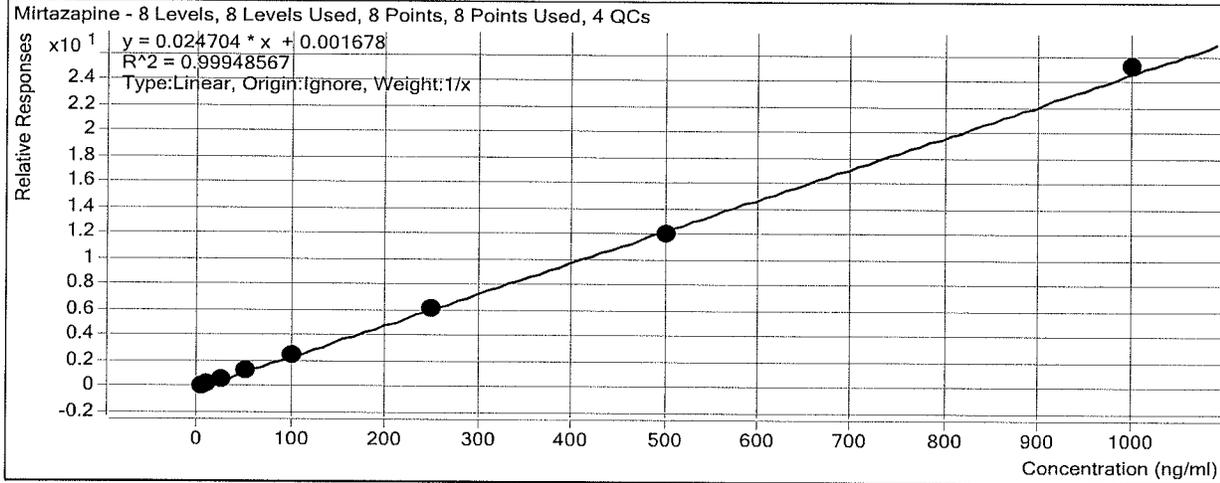
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.0
b QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b qc 100	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.9	98.4
b QC 250	6	<input checked="" type="checkbox"/>	250	248.3	99.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.6	96.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.1	101.8
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1024.0	102.4

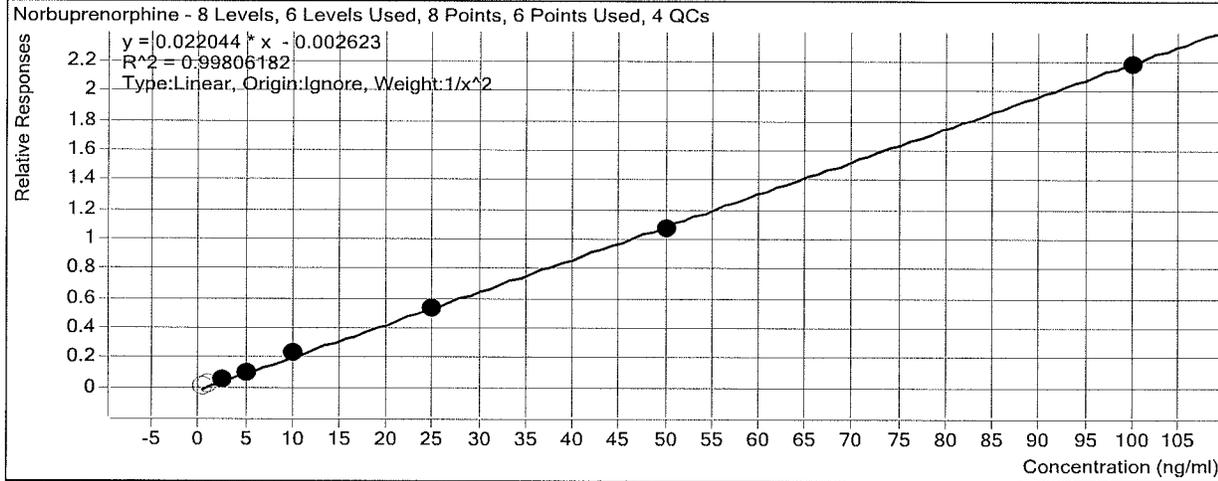
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.0	194.2
b cal 2-10ng	2	<input type="checkbox"/>	1	1.1	111.7
b QC 10	2	<input type="checkbox"/>	1	1.2	120.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.7	107.0
b qc 100	5	<input checked="" type="checkbox"/>	10	8.9	89.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.1
b QC 250	6	<input checked="" type="checkbox"/>	25	24.4	97.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.6	97.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	98.8	98.8
b qc 1000	8	<input checked="" type="checkbox"/>	100	95.8	95.8

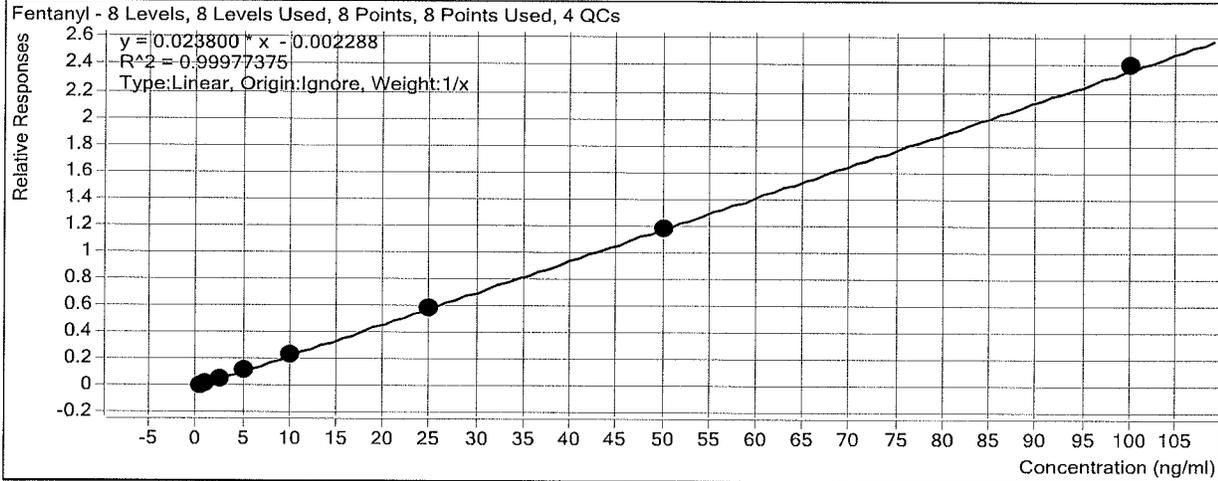
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	106.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	104.0
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	93.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	97.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	97.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	96.5
b qc 100	5	<input checked="" type="checkbox"/>	10	9.2	92.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.5	98.2
b QC 250	6	<input checked="" type="checkbox"/>	25	24.4	97.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	50.0	100.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.0	101.0
b qc 1000	8	<input checked="" type="checkbox"/>	100	98.8	98.8

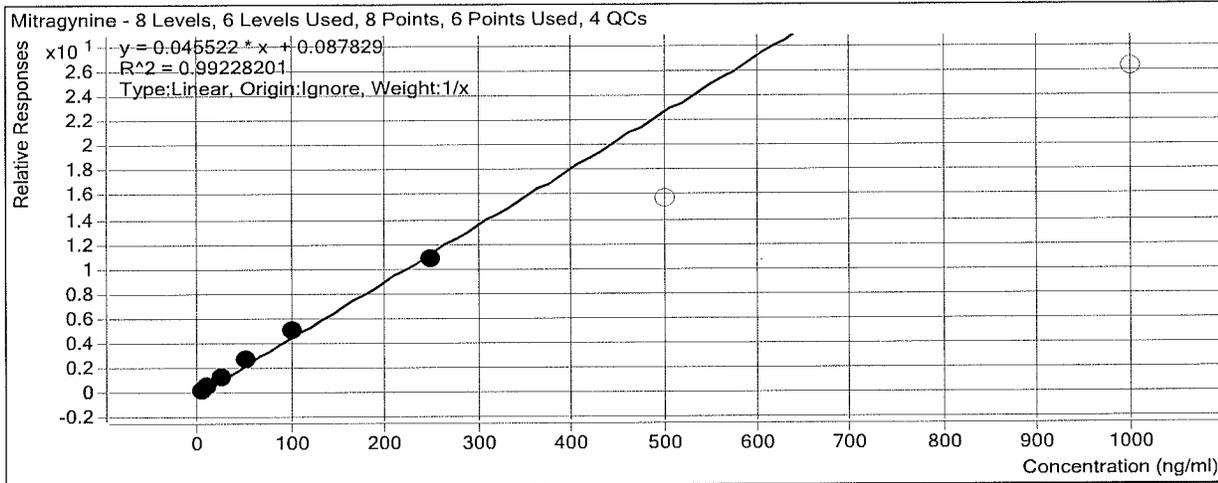
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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

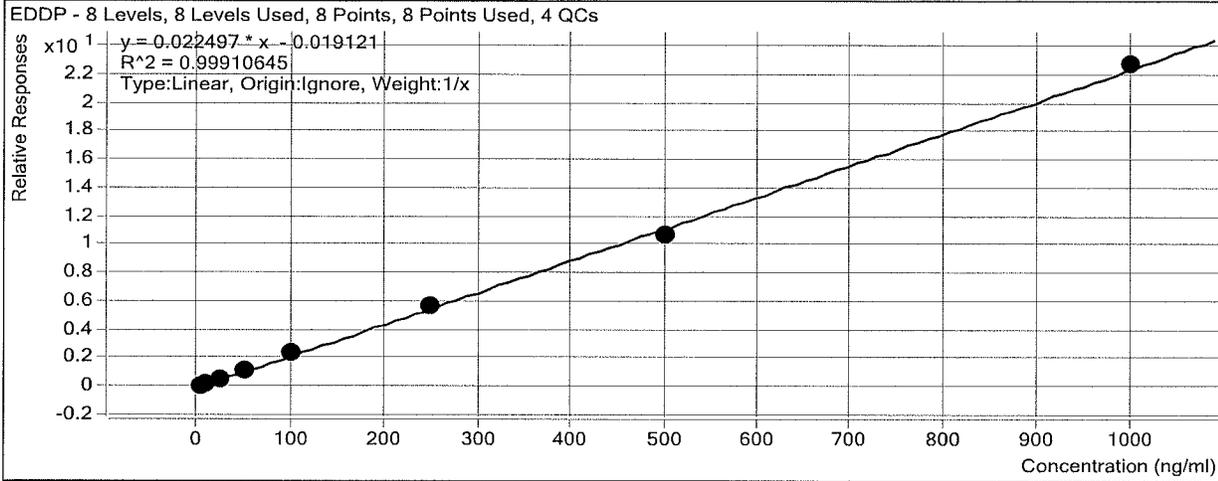


Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	93.6
b QC 10	2	<input checked="" type="checkbox"/>	10	6.8	67.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	103.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.7	113.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	108.6	108.6
b qc 100	5	<input checked="" type="checkbox"/>	100	80.5	80.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	235.2	94.1
b QC 250	6	<input checked="" type="checkbox"/>	250	184.9	73.9
b cal 7-500ng	7	<input type="checkbox"/>	500	342.4	68.5
b cal 8-1000ng	8	<input type="checkbox"/>	1000	575.6	57.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	649.8	65.0

ISP Forensics Calibration Curve Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Last Calib Update 6/27/2018 9:19 AM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.3
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	93.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.1	105.1
b qc 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	255.3	102.1
b QC 250	6	<input checked="" type="checkbox"/>	250	275.0	110.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.9	95.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1010.3	101.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1084.7	108.5

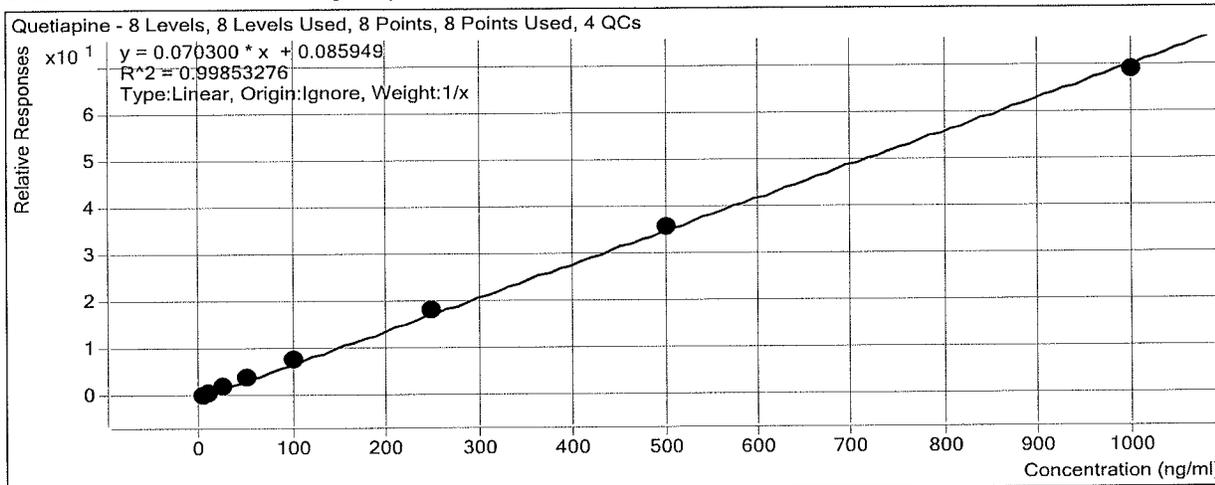
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.8	76.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.4	94.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	101.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.7	115.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.8	105.8
b qc 100	5	<input checked="" type="checkbox"/>	100	117.4	117.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.7	102.7
b QC 250	6	<input checked="" type="checkbox"/>	250	300.3	120.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	504.7	100.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	976.0	97.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1123.6	112.4

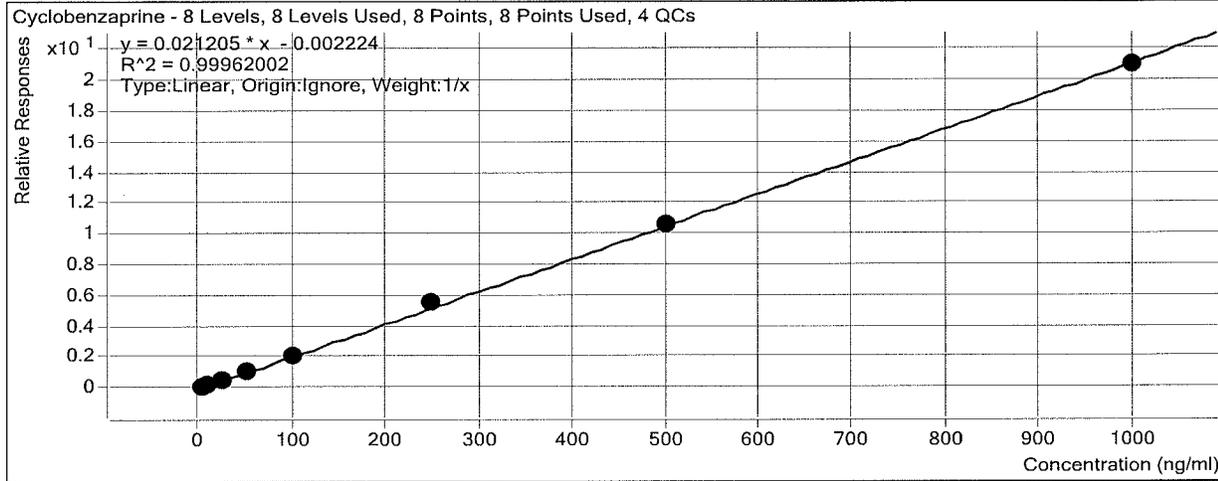
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	103.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b qc 100	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.4	104.2
b QC 250	6	<input checked="" type="checkbox"/>	250	268.6	107.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.8	99.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	990.1	99.0
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1015.5	101.5

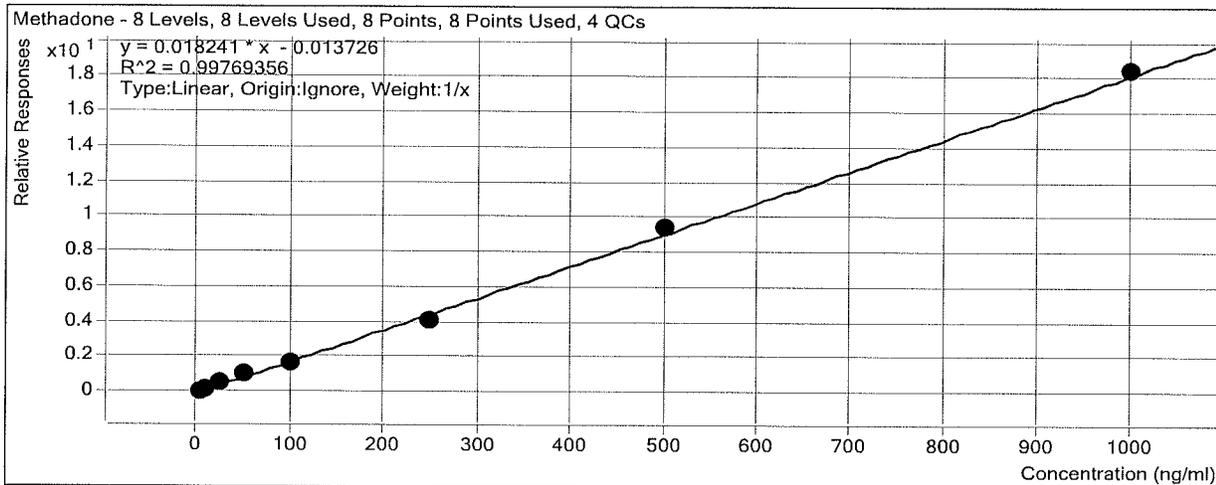
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

Target Compound Methadone
Internal Standard Methadone-D9



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
b QC 10	2	<input checked="" type="checkbox"/>	10	12.0	120.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.8	107.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.6	109.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.7	93.7
b qc 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	224.9	90.0
b QC 250	6	<input checked="" type="checkbox"/>	250	252.3	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	516.4	103.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.9	100.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1009.9	101.0

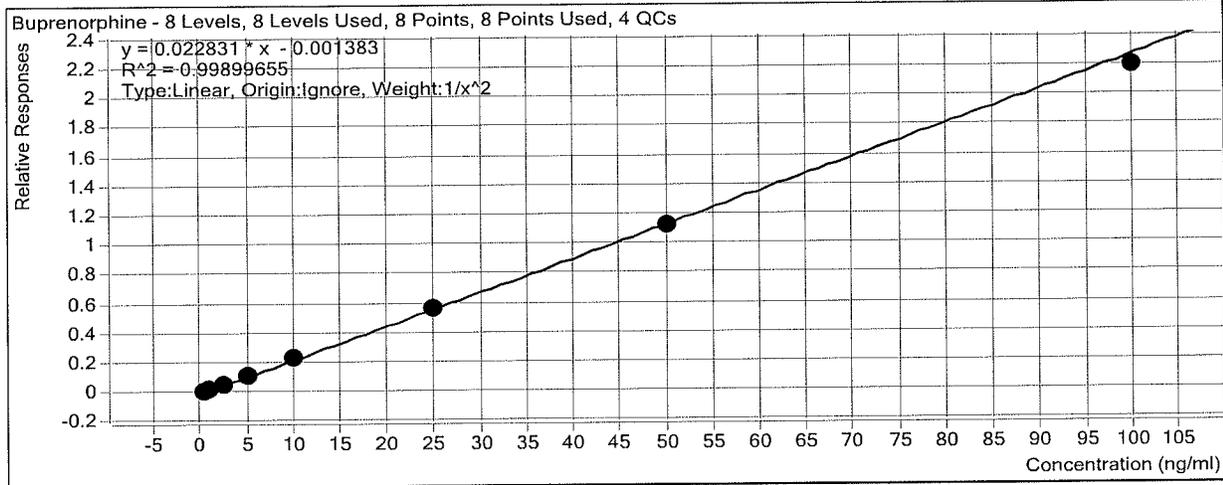
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

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Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	97.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	105.1
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	92.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	99.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.2	101.9
b qc 100	5	<input checked="" type="checkbox"/>	10	10.6	106.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.0	100.1
b QC 250	6	<input checked="" type="checkbox"/>	25	26.4	105.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.5	99.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	96.1	96.1
b qc 1000	8	<input checked="" type="checkbox"/>	100	95.6	95.6

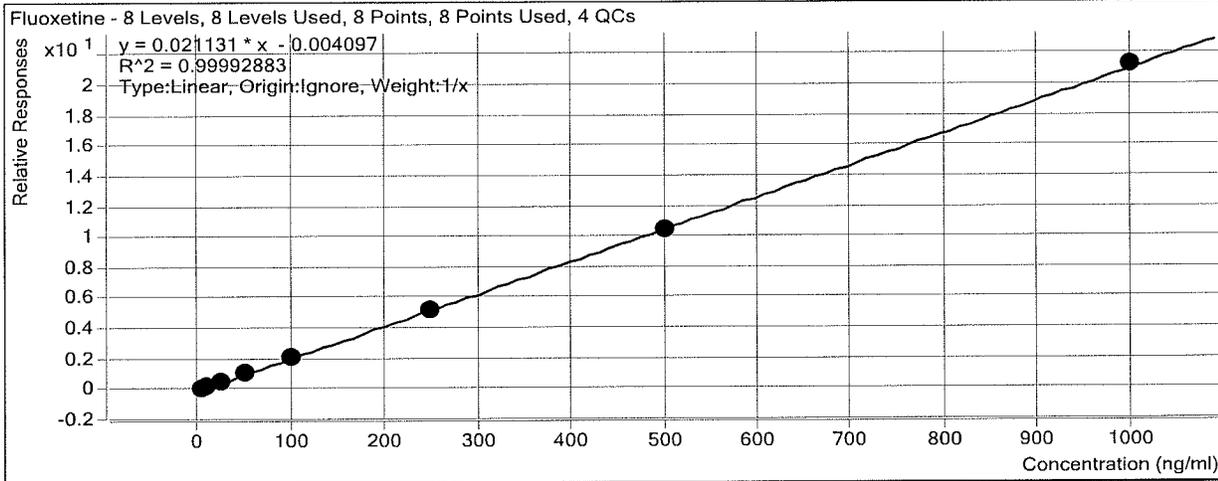
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.6	105.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.7	100.7
b qc 100	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.5	99.4
b QC 250	6	<input checked="" type="checkbox"/>	250	252.4	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.5	98.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.3	100.6
b qc 1000	8	<input checked="" type="checkbox"/>	1000	962.4	96.2

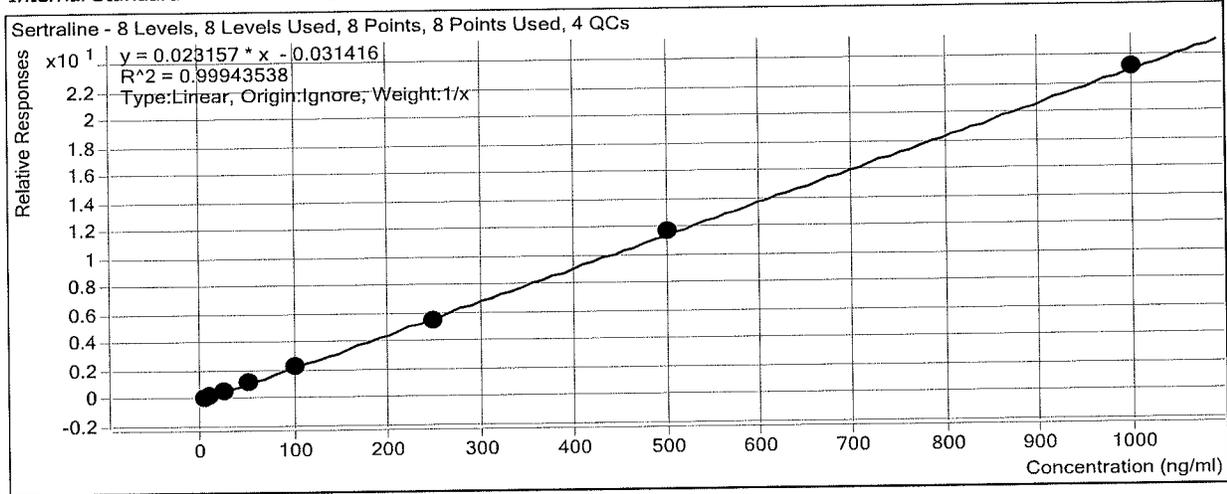
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.4	108.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	102.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.9	97.9
b qc 100	5	<input checked="" type="checkbox"/>	100	123.5	123.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.9	95.6
b QC 250	6	<input checked="" type="checkbox"/>	250	229.5	91.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.4	102.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.9	100.3
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1021.4	102.1

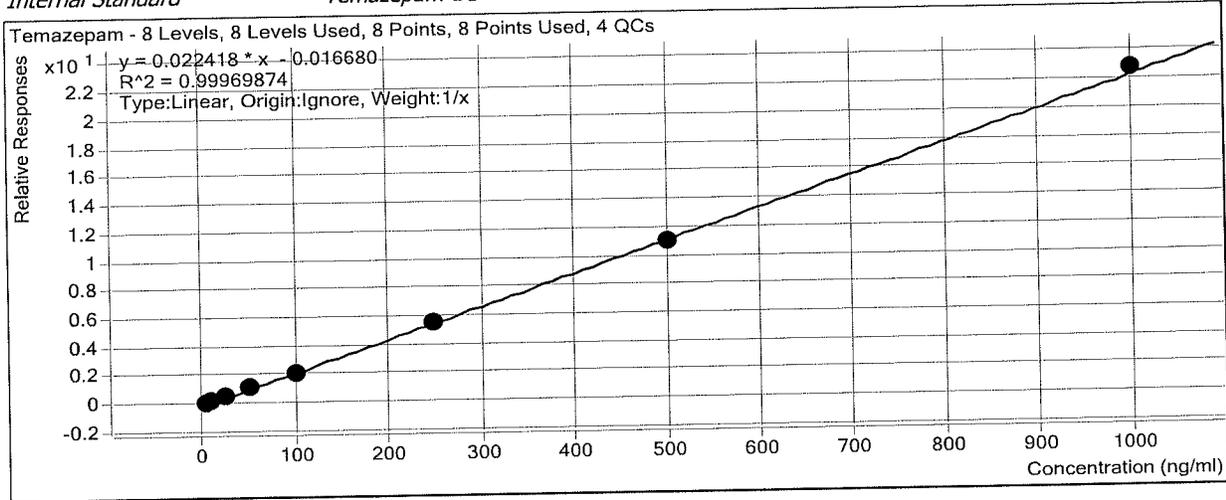
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.6	101.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.8	96.8
b qc 100	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	245.4	98.1
b QC 250	6	<input checked="" type="checkbox"/>	250	245.0	98.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	492.7	98.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.6	101.5
b qc 1000	8	<input checked="" type="checkbox"/>	1000	963.3	96.3

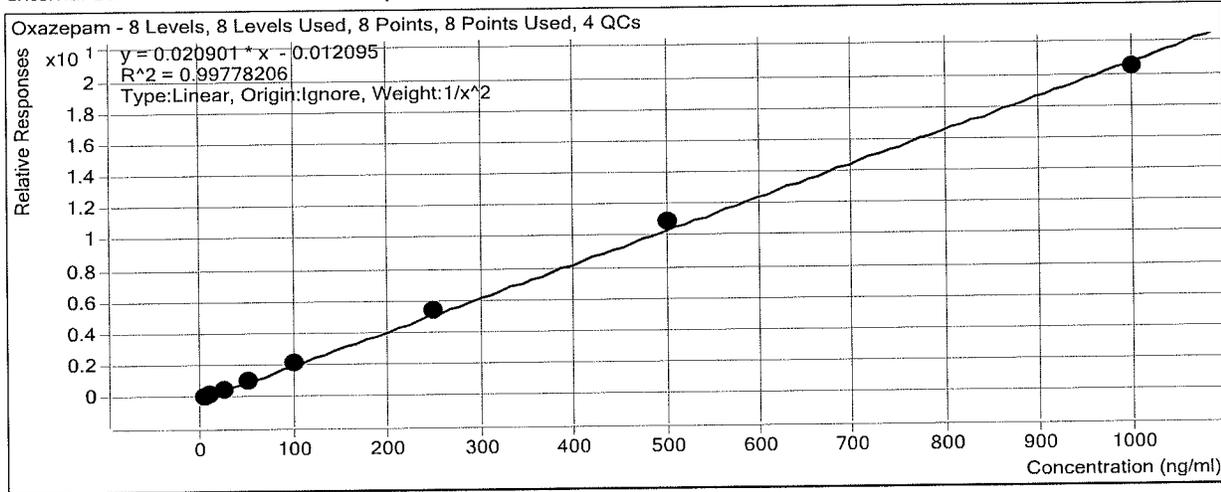
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b qc 100	5	<input checked="" type="checkbox"/>	100	100.6	100.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.7	104.7
b QC 250	6	<input checked="" type="checkbox"/>	250	264.4	105.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.6	103.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	978.6	97.9
b qc 1000	8	<input checked="" type="checkbox"/>	1000	982.2	98.2

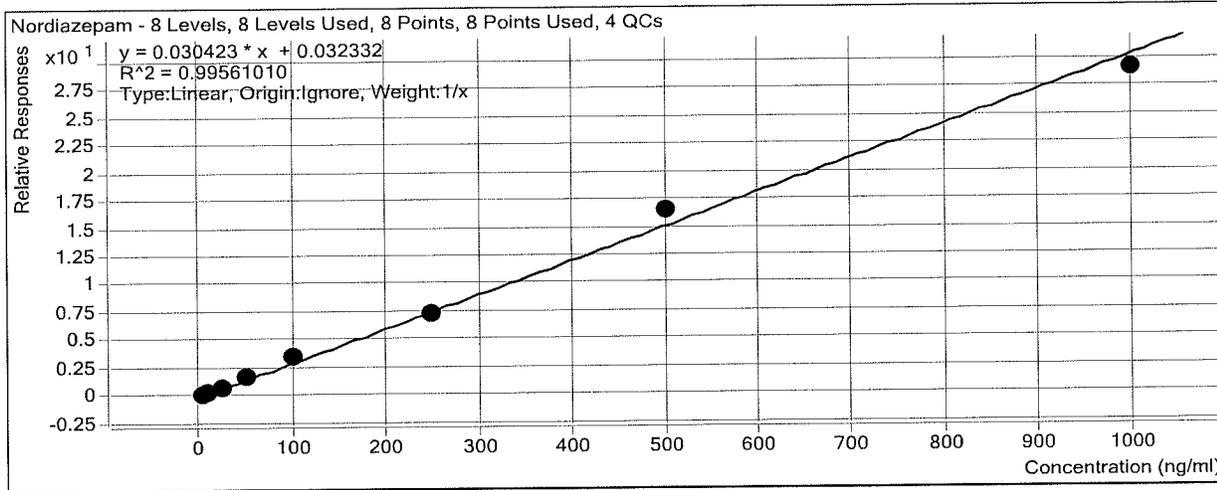
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.4	87.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.7	107.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.1	106.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.5	113.5
b qc 100	5	<input checked="" type="checkbox"/>	100	120.6	120.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	241.3	96.5
b QC 250	6	<input checked="" type="checkbox"/>	250	270.2	108.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	540.2	108.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	953.6	95.4
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1291.7	129.2

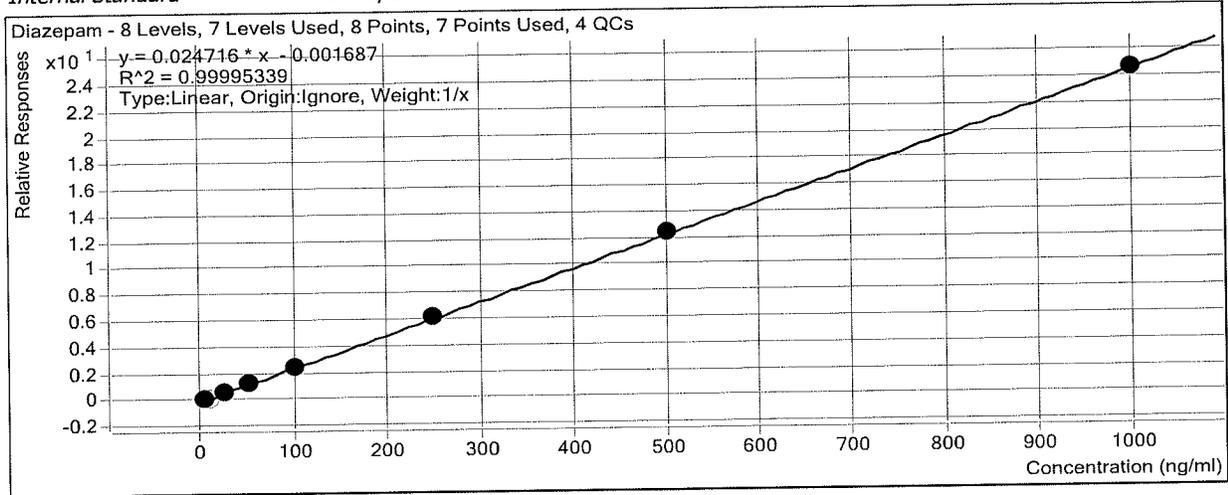
ISP Forensics Calibration Curve Report

Batch Data Path
Last Calib Update

D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
6/27/2018 9:19 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	97.5
b cal 2-10ng	2	<input type="checkbox"/>	10	5.0	49.8
b QC 10	2	<input type="checkbox"/>	10	9.1	90.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.6	98.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.5	103.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
b qc 100	5	<input checked="" type="checkbox"/>	100	106.8	106.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.7	99.9
b QC 250	6	<input checked="" type="checkbox"/>	250	263.3	105.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.5	100.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	996.7	99.7
b qc 1000	8	<input checked="" type="checkbox"/>	1000	1042.4	104.2

Dropped 10 ng calibrator top of 2nd transition is ~~not~~ flat.

ISP FORENSICS - Cd'A Instrument # 62340

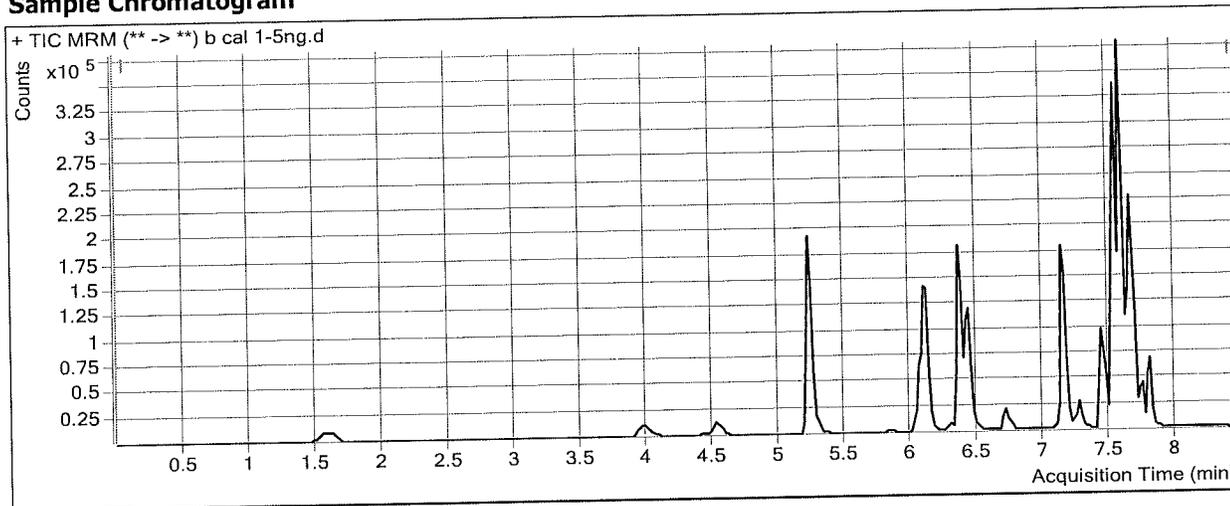
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 13:04 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.628	7436	67200	0.1107	5.4352
Dihydrocodeine	Dihydrocodeine-D6	4.030	6055	65936	0.0918	4.0202
Noroxycodone	Noroxycodone-D3	4.578	5509	54036	0.1020	5.2462
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	55715	571262	0.0975	4.8708
Benzoylcegonine	Benzoylcegonine-d8	5.848	420	5047	0.0833	6.1921
Ketamine	Ketamine-D4	6.081	21190	181038	0.1170	5.0052
Norfentanyl	Norfentanyl-D5	6.144	3862	415608	0.0093	0.7228
Cocaine	Cocaine-d3	6.349	47369	499363	0.0949	5.0043
alpha-PVP	alpha-PVP-d8	6.445	33919	316779	0.1071	4.9650
Mirtazapine	alpha-PVP-d8	6.720	39040	316779	0.1232	4.9208
Norbuprenorphine	Norbuprenorphine-D3	7.092	318	16915	0.0188	0.9711
Fentanyl	Fentanyl-D5	7.158	5405	520947	0.0104	0.5320
Mitragynine	EDDP-D3	7.234	11919	41616	0.2864	4.3623
EDDP	EDDP-D3	7.266	3787	41616	0.0910	4.8949
Quetiapine	Quetiapine-D8	7.436	58846	165287	0.3560	3.8417
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	24506	237903	0.1030	4.9625
Methadone	Methadone-D9	7.540	43806	583915	0.0750	4.8654
Buprenorphine	Buprenorphine-D4	7.573	963	98964	0.0097	0.4868
Fluoxetine	Fluoxetine-D6	7.581	70579	688791	0.1025	5.0430
Sertraline	Sertraline-D3	7.643	15034	158998	0.0946	5.4398
Temazepam	Temazepam-D5	7.665	33978	342047	0.0993	5.1753
Oxazepam	Oxazepam-D5	7.626	14582	151413	0.0963	5.1863
Nordiazepam	Nordiazepam-D5	7.753	13648	82321	0.1658	4.3869

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

plb cal 1

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	16152	135908	0.1188	4.8766



ISP FORENSICS - Cd'A Instrument # 62340

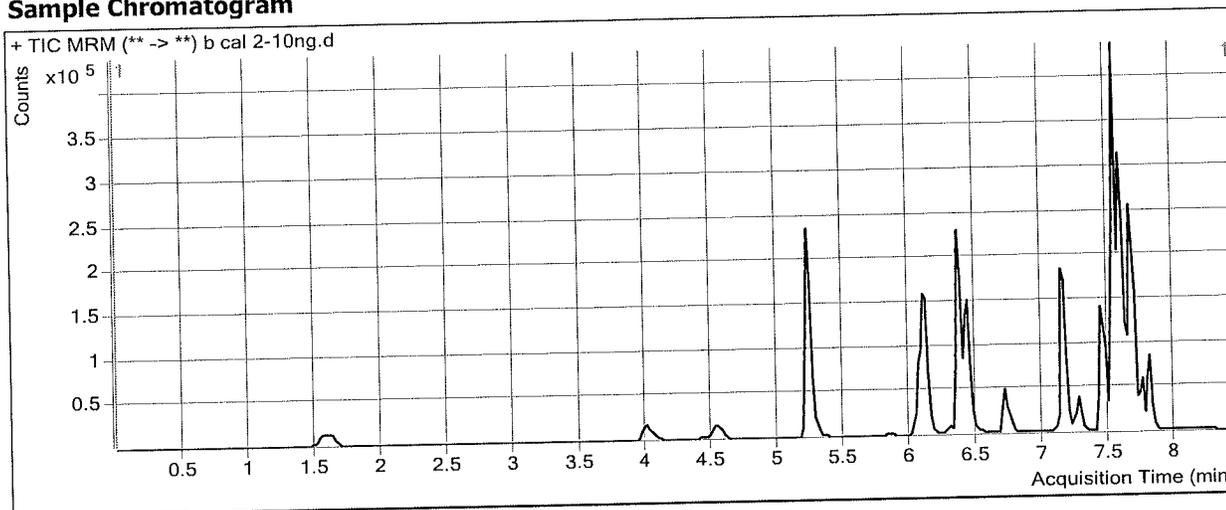
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 13:29 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	16818	74470	0.2258	10.0698
Dihydrocodeine	Dihydrocodeine-D6	4.050	14209	75033	0.1894	9.3496
Noroxycodone	Noroxycodone-D3	4.578	12753	49672	0.2567	10.6182
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	128933	640469	0.2013	9.9189
Benzoylcegonine	Benzoylcegonine-d8	5.868	723	5859	0.1234	9.0021
Ketamine	Ketamine-D4	6.081	49154	205232	0.2395	9.9359
Norfentanyl	Norfentanyl-D5	6.144	8303	444791	0.0187	1.1329
Cocaine	Cocaine-d3	6.349	103664	558967	0.1855	9.8031
alpha-PVP	alpha-PVP-d8	6.445	78369	348931	0.2246	10.0223
Mirtazapine	alpha-PVP-d8	6.720	86809	348931	0.2488	10.0027
Norbuprenorphine	Norbuprenorphine-D3	7.092	416	18919	0.0220	1.1172
Fentanyl	Fentanyl-D5	7.158	12381	551334	0.0225	1.0397
Mitragynine	EDDP-D3	7.234	25158	48941	0.5140	9.3628
EDDP	EDDP-D3	7.266	9228	48941	0.1886	9.2319
Quetiapine	Quetiapine-D8	7.436	125751	159765	0.7871	9.9737
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	46611	234204	0.1990	9.4902
Methadone	Methadone-D9	7.540	104002	625838	0.1662	9.8630
Buprenorphine	Buprenorphine-D4	7.573	2639	116663	0.0226	1.0512
Fluoxetine	Fluoxetine-D6	7.581	100828	483216	0.2087	10.0683
Sertraline	Sertraline-D3	7.643	18600	92559	0.2009	10.0343
Temazepam	Temazepam-D5	7.685	80760	381670	0.2116	10.1830
Oxazepam	Oxazepam-D5	7.626	30756	166038	0.1852	9.4410
Nordiazepam	Nordiazepam-D5	7.753	28581	88802	0.3218	9.5164

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

Pl b cal 2

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.829	19374	159691	0.1213	4.9767



ISP FORENSICS - Cd'A Instrument # 62340

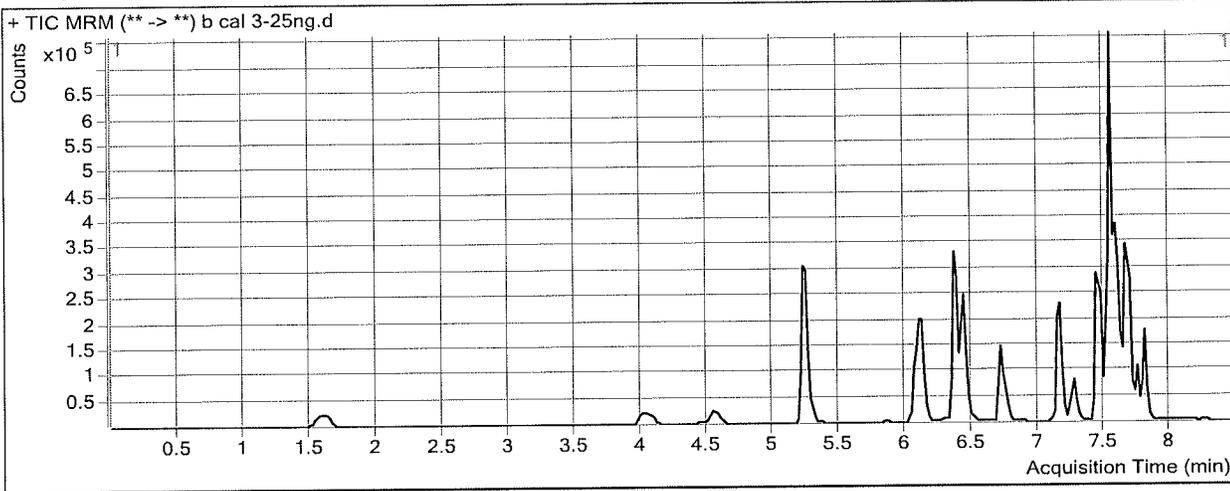
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 13:54 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	48817	86645	0.5634	23.6533
Dihydrocodeine	Dihydrocodeine-D6	4.070	40547	84805	0.4781	25.1247
Noroxycodone	Noroxycodone-D3	4.578	36340	58526	0.6209	23.2565
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	363326	722535	0.5028	24.5865
Benzoylcegonine	Benzoylcegonine-d8	5.868	2163	6414	0.3373	23.9824
Ketamine	Ketamine-D4	6.081	143658	236512	0.6074	24.7491
Norfentanyl	Norfentanyl-D5	6.144	28618	515928	0.0555	2.7431
Cocaine	Cocaine-d3	6.349	298587	615001	0.4855	25.6961
alpha-PVP	alpha-PVP-d8	6.445	237693	406801	0.5843	25.5012
Mirtazapine	alpha-PVP-d8	6.720	257980	406801	0.6342	25.6026
Norbuprenorphine	Norbuprenorphine-D3	7.092	1176	22629	0.0520	2.4767
Fentanyl	Fentanyl-D5	7.158	35857	647225	0.0554	2.4239
Mitragynine	EDDP-D3	7.234	80085	63584	1.2595	25.7389
EDDP	EDDP-D3	7.266	35518	63584	0.5586	25.6804
Quetiapine	Quetiapine-D8	7.456	402978	216636	1.8602	25.2377
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	134099	258678	0.5184	24.5514
Methadone	Methadone-D9	7.540	340700	718071	0.4745	26.7640
Buprenorphine	Buprenorphine-D4	7.573	8757	157532	0.0556	2.4954
Fluoxetine	Fluoxetine-D6	7.581	235044	457171	0.5141	24.5239
Sertraline	Sertraline-D3	7.643	80859	81401	0.5020	23.0326
Temazepam	Temazepam-D5	7.685	239718	447190	0.5361	24.6563
Oxazepam	Oxazepam-D5	7.626	83282	172618	0.4825	23.6616
Nordiazepam	Nordiazepam-D5	7.753	76671	99144	0.7733	24.3568



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

PI b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	112446	185268	0.6069	24.6244



ISP FORENSICS - Cd'A Instrument # 62340

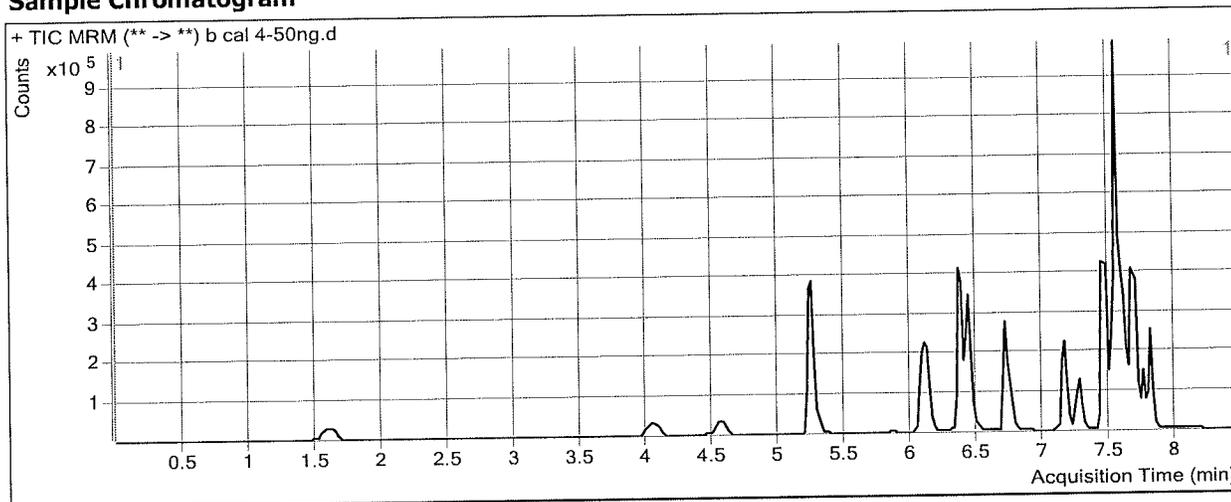
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 14:20 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	95851	80053	1.1973	49.1614
Dihydrocodeine	Dihydrocodeine-D6	4.070	78894	77505	1.0179	54.6162
Noroxycodone	Noroxycodone-D3	4.578	67963	50412	1.3482	48.4954
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	702609	665918	1.0551	51.4491
Benzoylcegonine	Benzoylcegonine-d8	5.868	3529	5797	0.6087	43.0014
Ketamine	Ketamine-D4	6.081	279794	220247	1.2704	51.4431
Norfentanyl	Norfentanyl-D5	6.144	50464	481143	0.1049	4.9051
Cocaine	Cocaine-d3	6.349	547160	561942	0.9737	51.5545
alpha-PVP	alpha-PVP-d8	6.445	452706	383718	1.1798	51.1266
Mirtazapine	alpha-PVP-d8	6.720	486054	383718	1.2667	51.2068
Norbuprenorphine	Norbuprenorphine-D3	7.092	2251	21164	0.1064	4.9438
Fentanyl	Fentanyl-D5	7.158	64223	567552	0.1132	4.8506
Mitragynine	EDDP-D3	7.234	154793	57957	2.6708	56.7417
EDDP	EDDP-D3	7.266	66192	57957	1.1421	51.6168
Quetiapine	Quetiapine-D8	7.456	712675	171998	4.1435	57.7177
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	233938	211795	1.1046	52.1929
Methadone	Methadone-D9	7.540	633508	644898	0.9823	54.6071
Buprenorphine	Buprenorphine-D4	7.573	16930	149352	0.1134	5.0256
Fluoxetine	Fluoxetine-D6	7.581	361541	341034	1.0601	50.3624
Sertraline	Sertraline-D3	7.643	58105	50074	1.1604	51.4662
Temazepam	Temazepam-D5	7.685	455198	407528	1.1170	50.5698
Oxazepam	Oxazepam-D5	7.626	147595	143476	1.0287	49.7958
Nordiazepam	Nordiazepam-D5	7.753	143819	87217	1.6490	53.1399

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

Alb call

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	217266	170886	1.2714	51.5080



ISP FORENSICS - Cd'A Instrument # 62340

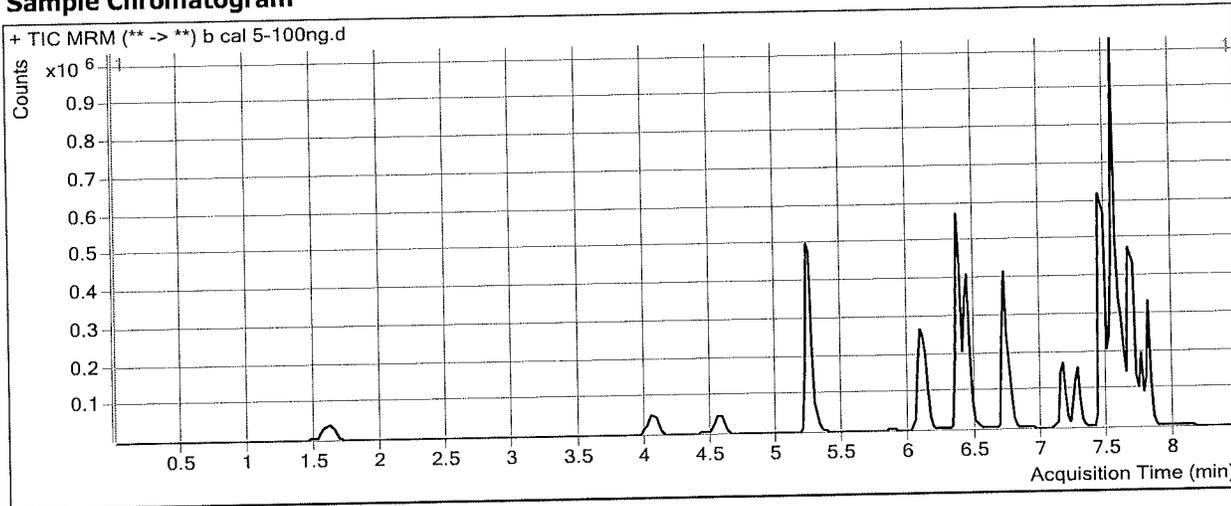
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 14:45 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	155967	65437	2.3835	96.8886
Dihydrocodeine	Dihydrocodeine-D6	4.050	133769	65956	2.0281	109.8079
Noroxycodone	Noroxycodone-D3	4.578	112450	40552	2.7729	97.9420
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	1169336	562610	2.0784	101.2254
Benzoylcegonine	Benzoylcegonine-d8	5.868	6889	4757	1.4480	101.7949
Ketamine	Ketamine-D4	6.081	449034	177531	2.5293	102.1351
Norfentanyl	Norfentanyl-D5	6.144	79939	383252	0.2086	9.4420
Cocaine	Cocaine-d3	6.349	929199	483575	1.9215	101.7590
alpha-PVP	alpha-PVP-d8	6.445	686112	297041	2.3098	99.7547
Mirtazapine	alpha-PVP-d8	6.720	731600	297041	2.4630	99.6303
Norbuprenorphine	Norbuprenorphine-D3	7.092	3672	15738	0.2333	10.7041
Fentanyl	Fentanyl-D5	7.158	87061	382767	0.2275	9.6528
Mitragynine	EDDP-D3	7.234	212439	42216	5.0322	108.6152
EDDP	EDDP-D3	7.266	99007	42216	2.3452	105.0981
Quetiapine	Quetiapine-D8	7.436	1079303	143433	7.5248	105.8157
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	271996	127722	2.1296	100.5318
Methadone	Methadone-D9	7.540	823585	486010	1.6946	93.6545
Buprenorphine	Buprenorphine-D4	7.573	20983	90771	0.2312	10.1859
Fluoxetine	Fluoxetine-D6	7.581	347791	163747	2.1240	100.7055
Sertraline	Sertraline-D3	7.643	44822	20053	2.2352	97.8802
Temazepam	Temazepam-D5	7.685	669267	310934	2.1524	96.7601
Oxazepam	Oxazepam-D5	7.626	209219	99518	2.1023	101.1621
Nordiazepam	Nordiazepam-D5	7.753	235107	67482	3.4840	113.4575

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

Plb cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	333500	133560	2.4970	101.0941

[Signature]

ISP FORENSICS - Cd'A Instrument # 62340

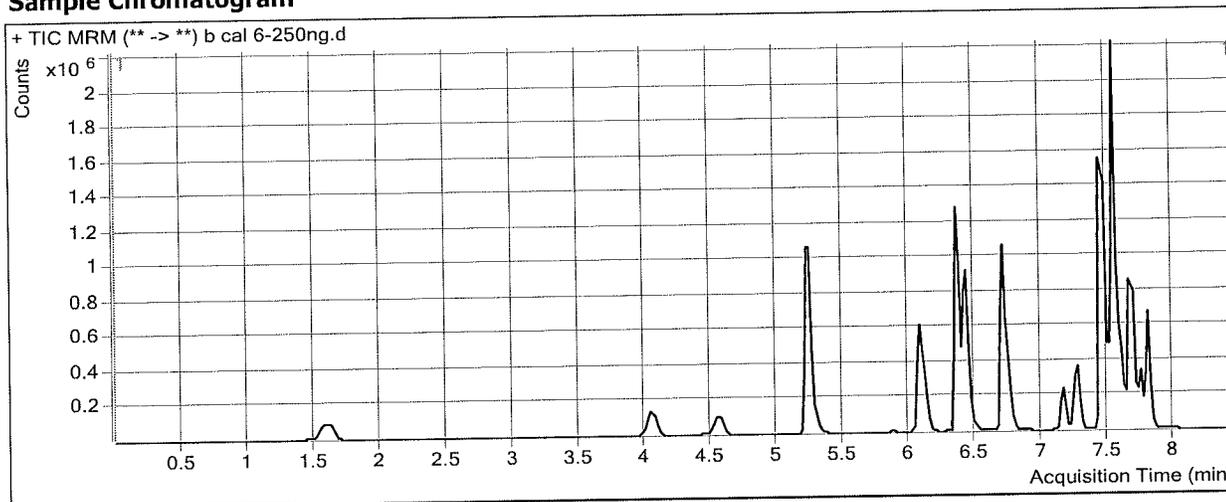
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin	Analyst Name	ISP Tox
Analysis Time	6/27/2018 9:19 AM	Reporter Name	ISP Tox
Report Time	6/27/2018 9:21 AM	Batch State	Processed
Last Calib Update	6/27/2018 9:19 AM		

Analysis Info

Acq Time	2018-06-26 15:11	Data File	b cal 6-250ng.d
Sample Type	Calibration	Sample Name	b cal 6-250ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-F1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	425242	68668	6.1927	250.1659
Dihydrocodeine	Dihydrocodeine-D6	4.050	367844	74199	4.9575	269.8511
Noroxycodone	Noroxycodone-D3	4.578	286805	40356	7.1068	248.3477
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.259	3176900	618479	5.1366	249.9842
Benzoylcegonine	Benzoylcegonine-d8	5.868	20287	5559	3.6496	256.0271
Ketamine	Ketamine-D4	6.081	1234317	193534	6.3778	257.0912
Norfentanyl	Norfentanyl-D5	6.144	230606	421750	0.5468	24.2390
Cocaine	Cocaine-d3	6.349	2526098	539749	4.6801	247.8773
alpha-PVP	alpha-PVP-d8	6.445	1851238	318496	5.8124	250.4808
Mirtazapine	alpha-PVP-d8	6.720	1935466	318496	6.0769	245.9190
Norbuprenorphine	Norbuprenorphine-D3	7.092	8857	16303	0.5433	24.7627
Fentanyl	Fentanyl-D5	7.158	203753	350248	0.5817	24.5385
Mitragynine	EDDP-D3	7.234	490922	45483	10.7936	235.1791
EDDP	EDDP-D3	7.266	260352	45483	5.7242	255.2963
Quetiapine	Quetiapine-D8	7.436	2802582	154553	18.1334	256.7205
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	583252	105674	5.5194	260.3859
Methadone	Methadone-D9	7.540	2063746	504733	4.0888	224.9114
Buprenorphine	Buprenorphine-D4	7.573	52834	92671	0.5701	25.0321
Fluoxetine	Fluoxetine-D6	7.581	674944	128633	5.2471	248.5000
Sertraline	Sertraline-D3	7.643	78610	14292	5.5004	238.8824
Temazepam	Temazepam-D5	7.685	1485571	270906	5.4837	245.3616
Oxazepam	Oxazepam-D5	7.626	320418	58707	5.4579	261.7045
Nordiazepam	Nordiazepam-D5	7.753	440318	59710	7.3743	241.3327

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

plb cal6

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	835699	135420	6.1712	249.7469



ISP FORENSICS - Cd'A Instrument # 62340

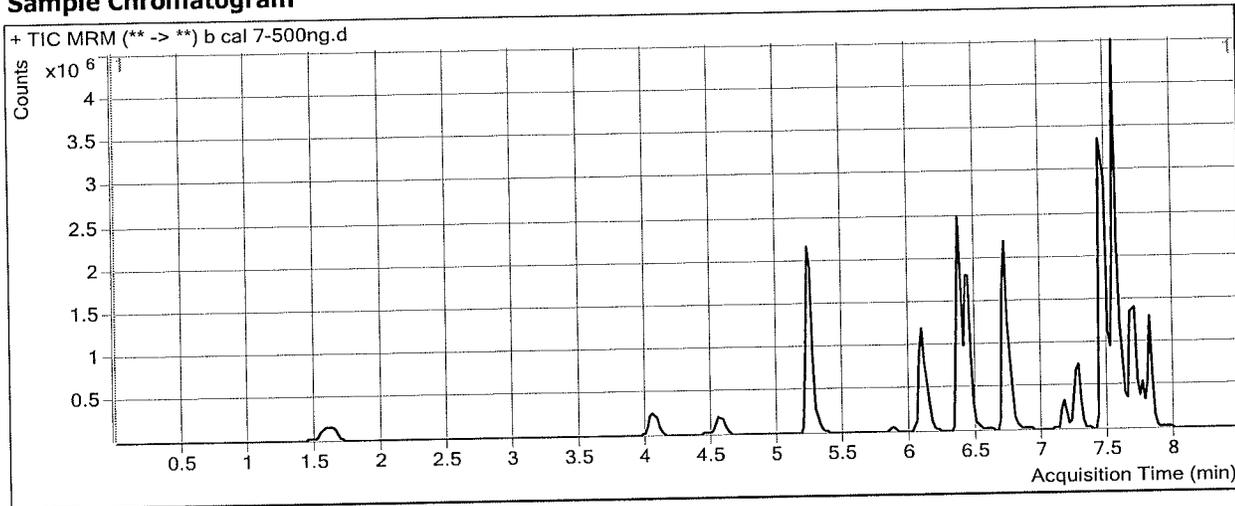
Multi-Drug Confirmatory Analysis Report

Batch Data Path D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin
Analysis Time 6/27/2018 9:19 AM **Analyst Name** ISP Tox
Report Time 6/27/2018 9:21 AM **Reporter Name** ISP Tox
Last Calib Update 6/27/2018 9:19 AM **Batch State** Processed

Analysis Info

Acq Time 2018-06-26 15:36 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** b1 mdq 618.m
Position P2-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	834304	66948	12.4620	502.4303
Dihydrocodeine	Dihydrocodeine-D6	4.050	745950	78377	9.5175	518.9745
Noroxycodone	Noroxycodone-D3	4.558	552771	37751	14.6427	509.8792
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	6782273	645311	10.5101	511.3606
Benzoylcegonine	Benzoylcegonine-d8	5.848	51814	5705	9.0815	636.5634
Ketamine	Ketamine-D4	6.081	2600168	210611	12.3458	497.3918
Norfentanyl	Norfentanyl-D5	6.144	512271	454528	1.1270	49.6264
Cocaine	Cocaine-d3	6.349	5255125	573557	9.1623	485.2911
alpha-PVP	alpha-PVP-d8	6.445	4072649	358327	11.3657	489.4535
Mirtazapine	alpha-PVP-d8	6.720	4290758	358327	11.9744	484.6462
Norbuprenorphine	Norbuprenorphine-D3	7.092	18267	17106	1.0679	48.5606
Fentanyl	Fentanyl-D5	7.158	407356	342899	1.1880	50.0102
Mitragynine	EDDP-D3	7.234	947197	60438	15.6722	342.3507
EDDP	EDDP-D3	7.266	648665	60438	10.7328	477.9316
Quetiapine	Quetiapine-D8	7.436	6110937	171818	35.5663	504.6979
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	1126050	106693	10.5541	497.8124
Methadone	Methadone-D9	7.540	4679845	497559	9.4056	516.3952
Buprenorphine	Buprenorphine-D4	7.573	109927	97299	1.1298	49.5458
Fluoxetine	Fluoxetine-D6	7.581	1347288	128979	10.4458	494.5193
Sertraline	Sertraline-D3	7.643	177535	15061	11.7877	510.3880
Temazepam	Temazepam-D5	7.685	2741660	248618	11.0276	492.6631
Oxazepam	Oxazepam-D5	7.626	433609	39969	10.8486	519.6163
Nordiazepam	Nordiazepam-D5	7.753	834498	50679	16.4663	540.1901

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

P16 cal7

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	1709030	137905	12.3928	501.4678



ISP FORENSICS - Cd'A Instrument # 62340

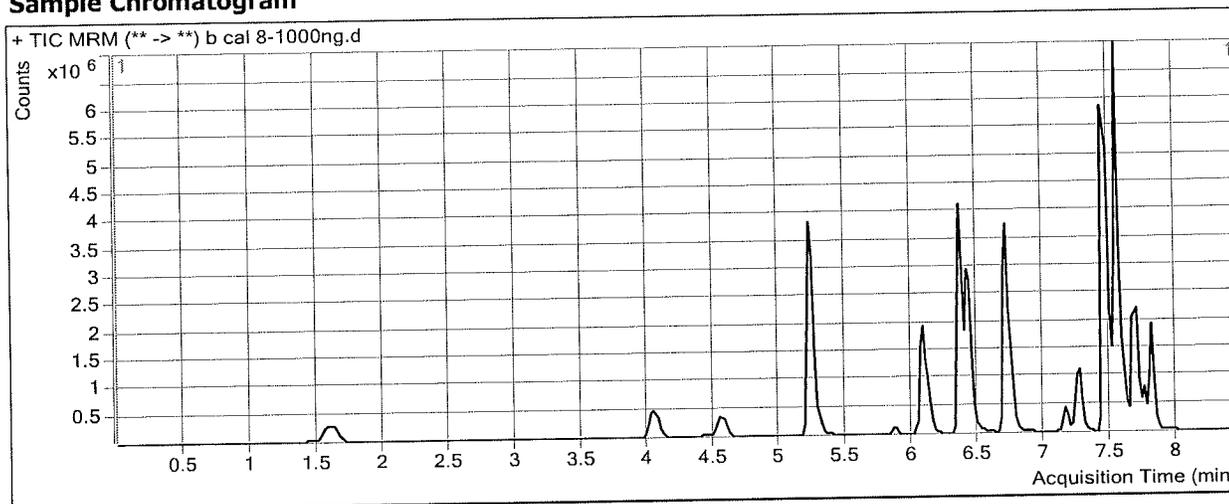
Multi-Drug Confirmatory Analysis Report

Batch Data Path	D:\2018 Data\06262018 mdq\QuantResults\mdq p1b.batch.bin		
Analysis Time	6/27/2018 9:19 AM	Analyst Name	ISP Tox
Report Time	6/27/2018 9:21 AM	Reporter Name	ISP Tox
Last Calib Update	6/27/2018 9:19 AM	Batch State	Processed

Analysis Info

Acq Time	2018-06-26 16:02	Data File	b cal 8-1000ng.d
Sample Type	Calibration	Sample Name	b cal 8-1000ng
Dilution	1	Acq Method	b1 mdq 618.m
Position	P2-H1	Sample Info	
Inj Vol	-1	Comment	AM 28 Panel 1

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.608	1478915	59437	24.8822	1002.1953
Dihydrocodeine	Dihydrocodeine-D6	4.050	1366395	78642	17.3749	948.2558
Noroxycodone	Noroxycodone-D3	4.558	949152	33122	28.6563	996.2150
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.239	12719171	627170	20.2803	986.6046
Benzoylcegonine	Benzoylcegonine-d8	5.848	148793	5951	25.0049	1752.0749
Ketamine	Ketamine-D4	6.081	4641617	198451	23.3892	942.0506
Norfentanyl	Norfentanyl-D5	6.124	979653	423417	2.3137	101.5444
Cocaine	Cocaine-d3	6.349	9516662	514238	18.5063	980.2239
alpha-PVP	alpha-PVP-d8	6.445	6818791	298366	22.8538	983.8127
Mirtazapine	alpha-PVP-d8	6.720	7504568	298366	25.1522	1018.0717
Norbuprenorphine	Norbuprenorphine-D3	7.092	26348	12107	2.1763	98.8418
Fentanyl	Fentanyl-D5	7.158	611788	254867	2.4004	100.9524
Mitragynine	EDDP-D3	7.234	1353333	51480	26.2883	575.5589
EDDP	EDDP-D3	7.266	1169026	51480	22.7082	1010.2501
Quetiapine	Quetiapine-D8	7.436	11053551	160899	68.6985	975.9951
Cyclobenzaprine	Cyclobenzaprine-D3	7.509	1586940	75595	20.9927	990.0728
Methadone	Methadone-D9	7.540	7507350	408232	18.3899	1008.9393
Buprenorphine	Buprenorphine-D4	7.573	137209	62569	2.1929	96.1107
Fluoxetine	Fluoxetine-D6	7.581	1726752	81221	21.2600	1006.2776
Sertraline	Sertraline-D3	7.643	253808	10944	23.1923	1002.8766
Temazepam	Temazepam-D5	7.685	4423467	194619	22.7288	1014.6308
Oxazepam	Oxazepam-D5	7.626	624388	30545	20.4417	978.5873
Nordiazepam	Nordiazepam-D5	7.753	1066855	36733	29.0439	953.6197

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

p1 b cal 8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Diazepam	Diazepam-D5	7.809	2899294	117701	24.6328	996.6822

