

Bylee

Worklist: 2184

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-4521	1	107452	AM 28 Blood Multi-Drug Quant	
M2017-5691	1	107423	AM 28 Blood Multi-Drug Quant	
M2017-5818	1	107425	AM 28 Blood Multi-Drug Quant	
M2017-5889	1	107427	AM 28 Blood Multi-Drug Quant	
M2017-5889	2	107429	AM 28 Blood Multi-Drug Quant	
P2017-2970	2	107430	AM 28 Blood Multi-Drug Quant	
P2018-0012	1	107431	AM 28 Blood Multi-Drug Quant	
P2018-0013	1	107435	AM 28 Blood Multi-Drug Quant	
P2018-0036	1	107434	AM 28 Blood Multi-Drug Quant	
P2018-0056	1	107441	AM 28 Blood Multi-Drug Quant	
P2018-0062	1	107438	AM 28 Blood Multi-Drug Quant	
P2018-0063	1	107443	AM 28 Blood Multi-Drug Quant	
P2018-0065	1	107445	AM 28 Blood Multi-Drug Quant	
P2018-0079	1	107444	AM 28 Blood Multi-Drug Quant	
P2018-0080	1	107446	AM 28 Blood Multi-Drug Quant	
P2018-0081	1	107447	AM 28 Blood Multi-Drug Quant	
P2018-0099	1	107448	AM 28 Blood Multi-Drug Quant	
P2018-0154	3	107449	AM 28 Blood Multi-Drug Quant	
P2018-0158	1	107450	AM 28 Blood Multi-Drug Quant	
P2018-0177	1	107451	AM 28 Blood Multi-Drug Quant	

TS

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

Extraction Date: 02/12/18
Plate lot#: 0507680

Analyst: Tamara Salazar
Plate Expiration: 06/05/2018

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

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

Blank Blood Lot: Hemostat 361331-2
LCMS-QQQ ID: 59740

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) Pipette ID:** 3 in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID:067105*
- 4. Pipette **250µL 00.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate.**
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 12. Add **900uL ethyl acetate.**
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left).*
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: *C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS*
Batch Name: *MDQ Panel 1a 021318 TS.batch.bin*
MDQ Panel 1b 021318 TS.batch.bin
- 2. Make necessary changes to integration limits
- 3. Integration linear and r^2 values ≥ 0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions > 10 .
- 5. Did all QCs pass for each analyte? Y / N _____
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

TS

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

Extraction Date: 02/12/18

Analyst: Tamara Salazar

COMMENTS: *Not evaluated:* Fluoxetine
Norbuprenorphine

Curves Limited: Amphetamine: 10-1000
Norhydrocodone: 25-1000
Buprenorphine: 2.5-100
Cyclobenzaprine: 10-1000
Norfentanyl: 2.5-100
Fentanyl: 2.5-100

TS

Toxicology AM method 28 panel 1 external prep information

Working Solution 10000 ng/ml in MeOH trazodone, ketamine, morphine, quetiapine

Stock Solution 1mg/ml 100 ul each in 9600 ul MeOH (Fisher Lot # 172516)

Prepared: 12/12/17

Expires: ~~06/12/17~~

By: TNS

06/12/18

Drug	Lot	Expiration
Trazodone	FN12151403	1/1/2020
Ketamine	FE01131504	2/1/2020
Morphine	FE08141515	11/1/2020
Quetiapine	FN02021502	2/1/2020

AM 28 control 50 ul working solution lot (WS121217) in 9950ul blood (Hemostat Lot# 361331-2)

Prepared: 12/12/17

Expires: ~~06/12/17~~

By: TNS

06/12/18

TS

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ISP FORENSICS - Pocatello Instrument # 59740

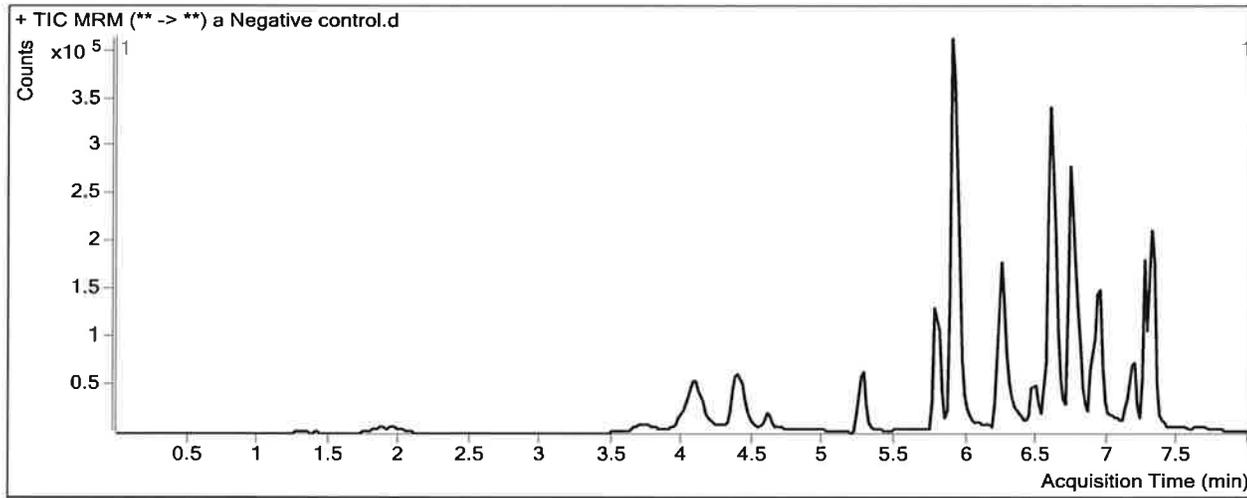
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/14/2018 2:04 PM **Analyst Name** ISPUser
Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 18:31 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.163	34865	120266	0.2899	1.5756 < 5
Tramadol	Tramadol-13C-D3	5.917	14924	1253473	0.0119	0.8270 < 5
Bupropion	Bupropion-D9	6.509	2221	150194	0.0148	1.0692 < 5
Promethazine	Promethazine-D3	7.147	2822	60431	0.0467	2.2836 < 5
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	596	86331	0.0069	1.5146 < 5
Lorazepam	Alprazolam-D5	7.302	2119	486865	0.0044	0.0000

TS

ISP FORENSICS - Pocatello Instrument # 59740

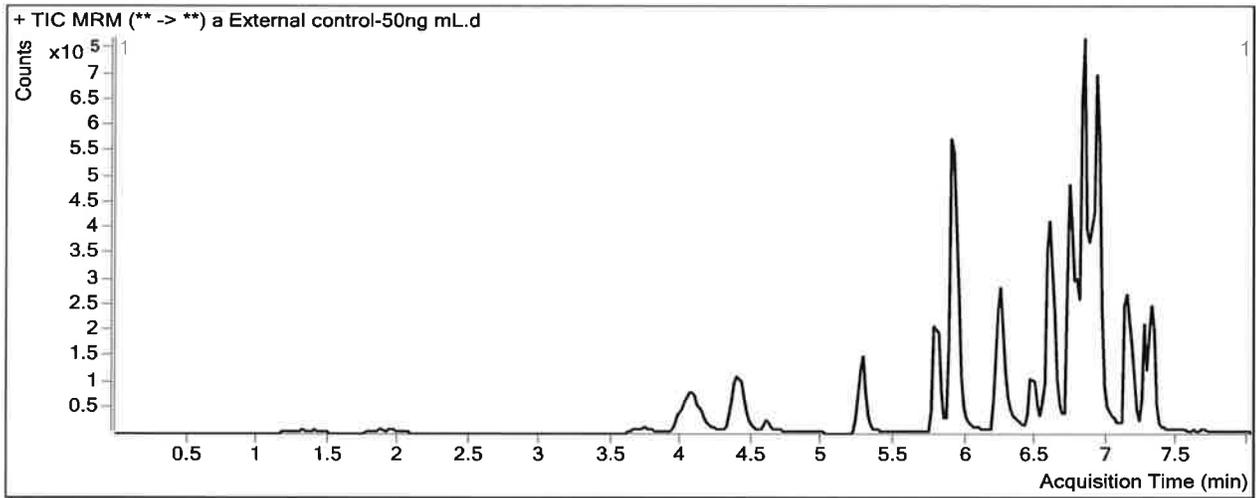
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/14/2018 2:04 PM **Analyst Name** ISPUser
Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 19:02 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	34595	18940	1.8265	54.8805
Amphetamine	Amphetamine-D11	4.163	51816	317471	0.1632	0.0000
Tramadol	Tramadol-13C-D3	5.917	10632	1665018	0.0064	0.5896 < 5
Trazodone	Trazodone-D6	6.834	1117904	664320	1.6828	58.0504
Promethazine	Promethazine-D3	7.127	2139	783567	0.0027	0.6046 < 5

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

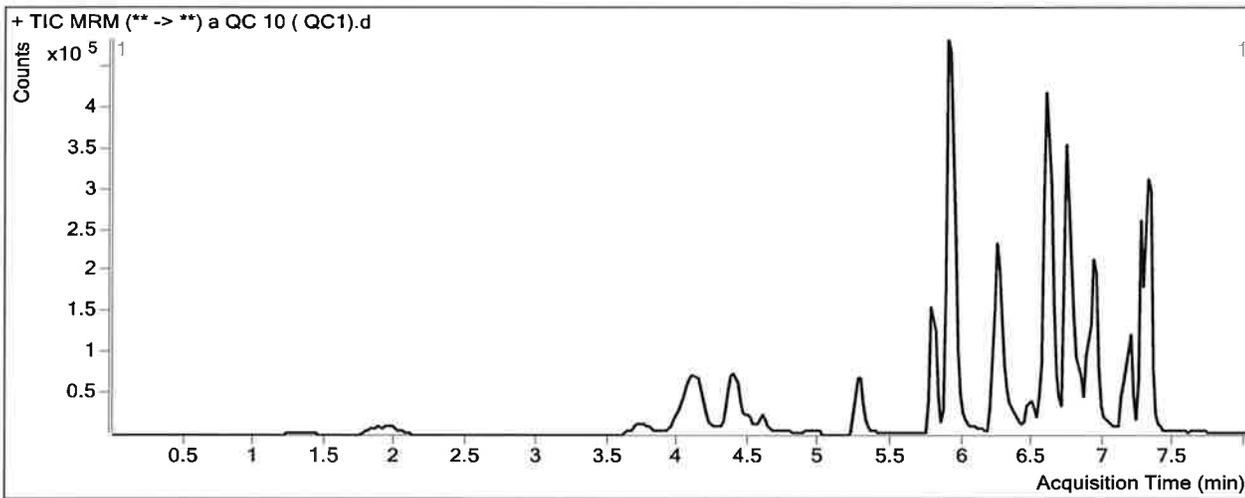
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Analysis Time 2/15/2018 12:57 PM **Analyst Name** ISPUser
Report Time 2/15/2018 1:03 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 12:57 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 21:24 **Data File** a QC 10 (QC1).d
Sample Type QC **Sample Name** a QC 10 (QC1)
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	6571	19597	0.3353	10.7519
Hydromorphone	Hydromorphone-D6	1.969	27058	91616	0.2953	9.8954
Codeine	Codeine-D6	3.755	10870	45607	0.2383	10.6034
Oxycodone	Oxycodone-D6	4.109	77631	269103	0.2885	9.8013
Amphetamine	Amphetamine-D11	4.143	123037	152351	0.8076	10.5148
Hydrocodone	Hydrocodone-D6	4.394	28539	167966	0.1699	9.4920
Norhydrocodone	Norhydrocodone-D3	4.437	1899	38594	0.0492	19.6658
Methamphetamine	Methamphetamine-D11	4.501	50045	161029	0.3108	9.3086
6-MAM	6-MAM-D6	4.608	1380	52854	0.0261	0.9952
Phentermine	Phentermine-D5	5.304	30309	274466	0.1104	9.4584
Dextrophan	Dextrophan-D3	5.781	41698	375050	0.1112	10.0259
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	77035	280403	0.2747	9.3144
Tramadol	Tramadol-13C-D3	5.917	269947	1118391	0.2414	10.6923
Doxylamine	Doxylamine-D5	6.260	180865	750561	0.2410	9.9334
Bupropion	Bupropion-D9	6.509	22338	90986	0.2455	8.6312
Meprobamate	Meprobamate-D7	6.591	35440	118340	0.2995	10.9499
Zolpidem	Zolpidem-D6	6.616	241223	1130929	0.2133	10.1795
Venlafaxine	Venlafaxine-D6	6.742	192575	751608	0.2562	10.7488
Trazodone	Trazodone-D6	6.834	68201	231322	0.2948	10.1022
Citalopram	Citalopram-D6	6.896	44681	210435	0.2123	9.8669

outside curve range

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

a QC 10 (QC1)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	13009	45111	0.2884	10.8794
Diphenhydramine	Diphenhydramine-D3	6.951	76318	406256	0.1879	10.0801
Promethazine	Promethazine-D3	7.147	29185	119698	0.2438	9.8099
Clonazepam	Clonazepam-D4	7.182	90408	88937	1.0165	9.2753
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	19218	85565	0.2246	10.5038
Carisoprodol	Carisoprodol-D7	7.292	91651	325983	0.2812	9.5648
Lorazepam	Alprazolam-D5	7.302	44229	485363	0.0911	17.1086
Alprazolam	Alprazolam-D5	7.326	162979	485363	0.3358	9.8193

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

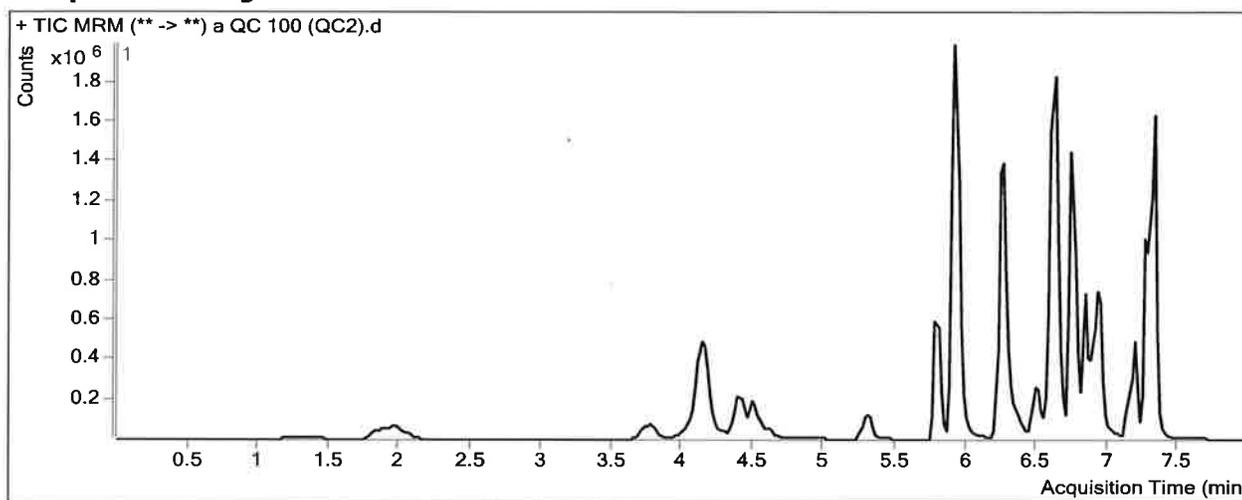
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.b
Analysis Time 2/15/2018 12:57 PM **Analyst Name** ISPUser
Report Time 2/15/2018 1:04 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 12:57 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 00:49 **Data File** a QC 100 (QC2).d
Sample Type QC **Sample Name** a QC 100 (QC2)
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	84479	26144	3.2313	96.4491
Hydromorphone	Hydromorphone-D6	1.969	391930	119654	3.2755	102.0850
Codeine	Codeine-D6	3.775	137581	58166	2.3653	94.9384
Oxycodone	Oxycodone-D6	4.129	1050392	344038	3.0531	99.5802
Amphetamine	Amphetamine-D11	4.163	966393	160024	6.0391	100.8490
Hydrocodone	Hydrocodone-D6	4.414	366998	207320	1.7702	103.3933
Norhydrocodone	Norhydrocodone-D3	4.457	25530	44024	0.5799	99.3221
Methamphetamine	Methamphetamine-D11	4.501	577729	184414	3.1328	91.4042
6-MAM	6-MAM-D6	4.608	17683	65881	0.2684	9.5194
Phentermine	Phentermine-D5	5.324	370886	300995	1.2322	115.0084
Dextroprphan	Dextroprphan-D3	5.781	576267	488467	1.1797	98.2340
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	932389	339745	2.7444	114.1437
Tramadol	Tramadol-13C-D3	5.917	3568928	1484833	2.4036	103.6521
Doxylamine	Doxylamine-D5	6.260	2595783	1036789	2.5037	100.9235
Bupropion	Bupropion-D9	6.509	378729	141339	2.6796	88.4089
Meprobamate	Meprobamate-D7	6.591	401644	137771	2.9153	114.1860
Zolpidem	Zolpidem-D6	6.616	3464385	1576016	2.1982	106.4964
Venlafaxine	Venlafaxine-D6	6.742	2385082	956064	2.4947	97.7934
Trazodone	Trazodone-D6	6.834	962923	316645	3.0410	104.9725
Citalopram	Citalopram-D6	6.896	552338	250249	2.2072	96.0034

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	136286	46976	2.9012	100.4667
Diphenhydramine	Diphenhydramine-D3	6.951	893727	450431	1.9842	100.8643
Promethazine	Promethazine-D3	7.147	275623	103461	2.6640	102.2169
Clonazepam	Clonazepam-D4	7.182	932050	80836	11.5301	104.2744
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	203401	87441	2.3262	97.2806
Carisoprodol	Carisoprodol-D7	7.292	1014276	333989	3.0369	101.2282
Lorazepam	Alprazolam-D5	7.302	267802	574492	0.4662	98.2305
Alprazolam	Alprazolam-D5	7.326	1909397	574492	3.3236	95.3202

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ISP FORENSICS - Pocatello Instrument # 59740

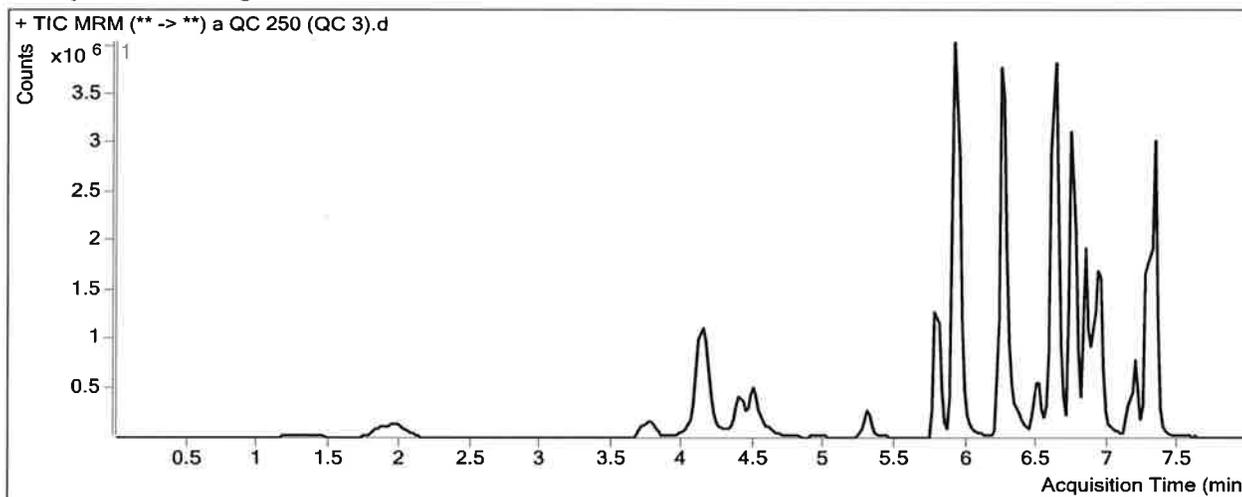
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/15/2018 12:57 PM **Analyst Name** ISPUser
Report Time 2/15/2018 1:05 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 12:57 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 03:58 **Data File** a QC 250 (QC 3).d
Sample Type QC **Sample Name** a QC 250 (QC 3)
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	194354	21763	8.9306	265.1022
Hydromorphone	Hydromorphone-D6	1.969	919828	104593	8.7943	272.8059
Codeine	Codeine-D6	3.775	317509	50559	6.2800	250.1562
Oxycodone	Oxycodone-D6	4.129	2412298	294023	8.2045	266.8638
Amphetamine	Amphetamine-D11	4.143	2360885	157241	15.0144	255.8313
Hydrocodone	Hydrocodone-D6	4.394	860525	182637	4.7117	275.9923
Norhydrocodone	Norhydrocodone-D3	4.437	61065	37511	1.6279	256.6221
Methamphetamine	Methamphetamine-D11	4.501	1641400	182712	8.9836	261.6098
6-MAM	6-MAM-D6	4.608	40698	60444	0.6733	23.7646
Phentermine	Phentermine-D5	5.304	968084	312887	3.0940	290.1930
Dextrorphan	Dextrorphan-D3	5.781	1380762	466639	2.9590	245.1046
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	1862433	288925	6.4461	271.2692
Tramadol	Tramadol-13C-D3	5.917	8890036	1449285	6.1341	264.0365
Doxylamine	Doxylamine-D5	6.240	7023590	1004414	6.9927	281.4416
Bupropion	Bupropion-D9	6.509	934483	120252	7.7711	255.2850
Meprobamate	Meprobamate-D7	6.591	818188	120409	6.7951	267.3055
Zolpidem	Zolpidem-D6	6.616	8000691	1406817	5.6871	275.7949
Venlafaxine	Venlafaxine-D6	6.742	6245227	966332	6.4628	252.0968
Trazodone	Trazodone-D6	6.834	2518989	315210	7.9915	275.9914
Citalopram	Citalopram-D6	6.896	1447677	250996	5.7677	249.7489

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

a QL 250 (QC3)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	358872	49297	7.2799	250.6023
Diphenhydramine	Diphenhydramine-D3	6.951	2467873	478325	5.1594	261.3397
Promethazine	Promethazine-D3	7.147	589321	84238	6.9959	267.6146
Clonazepam	Clonazepam-D4	7.182	1582679	57605	27.4744	248.3443
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	391118	64902	6.0263	250.0672
Carisoprodol	Carisoprodol-D7	7.292	1669307	275654	6.0558	201.6482
Lorazepam	Alprazolam-D5	7.302	439161	440090	0.9979	213.2488
Alprazolam	Alprazolam-D5	7.326	3846160	440090	8.7395	250.3016

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ISP FORENSICS - Pocatello Instrument # 59740

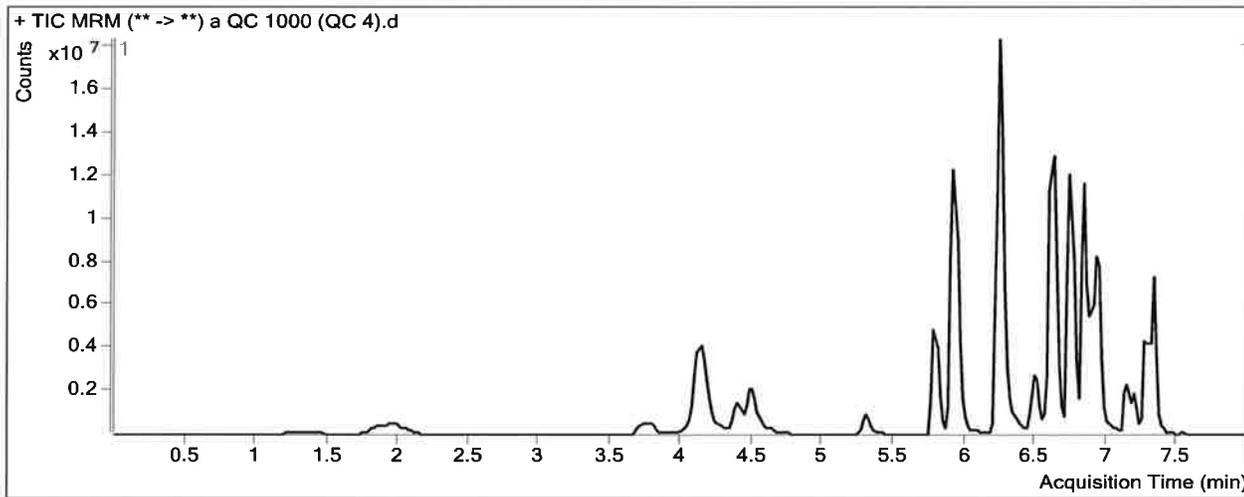
Multi-Drug Confirmatory Analysis Report

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Report Time 2/15/2018 1:06 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 12:57 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 07:22 **Data File** a QC 1000 (QC 4).d
Sample Type QC **Sample Name** a QC 1000 (QC 4)
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	785320	22289	35.2329	1043.4320
Hydromorphone	Hydromorphone-D6	1.969	3742102	108763	34.4059	1065.0823
Codeine	Codeine-D6	3.775	1152340	47425	24.2979	964.5759
Oxycodone	Oxycodone-D6	4.109	10367047	333597	31.0765	1009.6096
Amphetamine	Amphetamine-D11	4.143	8381854	184298	45.4800	781.8954
Hydrocodone	Hydrocodone-D6	4.394	3416216	203335	16.8009	985.3599
Norhydrocodone	Norhydrocodone-D3	4.437	238284	31874	7.4758	1134.3790
Methamphetamine	Methamphetamine-D11	4.501	7167716	216234	33.1480	964.5829
6-MAM	6-MAM-D6	4.608	172093	64366	2.6737	94.1394
Phentermine	Phentermine-D5	5.304	3810490	360252	10.5773	994.3092
Dextrophan	Dextrophan-D3	5.781	6127669	505644	12.1185	1001.2136
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	5826209	265790	21.9203	928.1049
Tramadol	Tramadol-13C-D3	5.917	34465709	1531238	22.5084	968.0142
Doxylamine	Doxylamine-D5	6.240	32609947	1365235	23.8860	960.7699
Bupropion	Bupropion-D9	6.489	4788348	162967	29.3823	963.6056
Meprobamate	Meprobamate-D7	6.591	2177594	105600	20.6211	812.9625
Zolpidem	Zolpidem-D6	6.616	31025476	1499901	20.6850	1003.5685
Venlafaxine	Venlafaxine-D6	6.742	28532901	1118605	25.5076	992.6657
Trazodone	Trazodone-D6	6.834	16462988	602221	27.3371	944.3089
Citalopram	Citalopram-D6	6.896	7307324	322942	22.6273	977.7444

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	2178472	82448	26.4225	906.9622
Diphenhydramine	Diphenhydramine-D3	6.951	13370592	700896	19.0764	964.6985
Promethazine	Promethazine-D3	7.147	5109165	194148	26.3158	1005.2812
Clonazepam	Clonazepam-D4	7.182	3427941	32584	105.2037	950.6921
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	1112656	50297	22.1216	914.6724
Carisoprodol	Carisoprodol-D7	7.292	5023222	178275	28.1769	937.4635
Lorazepam	Alprazolam-D5	7.323	720149	311830	2.3094	496.9451
Alprazolam	Alprazolam-D5	7.326	10586327	311830	33.9490	971.7048

Not evaluated
* Peak cut-off

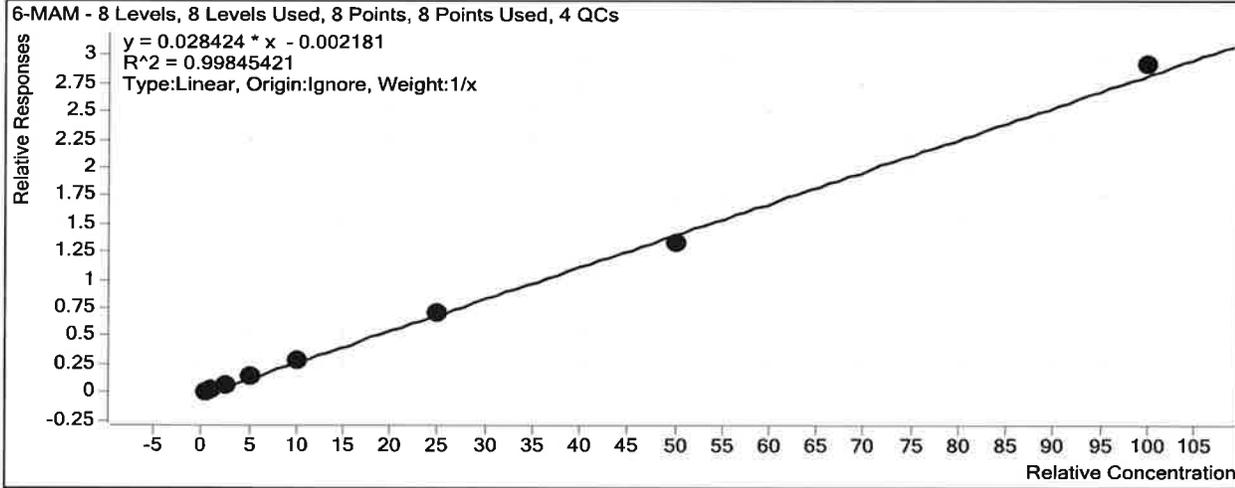
ISP Forensics Calibration Curve Report

13

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/15/2018 12:57 PM **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	0.6	118.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	88.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.0	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	99.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.5	95.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.2	100.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	23.8	95.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	47.2	94.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.7	102.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	100	94.1	94.1

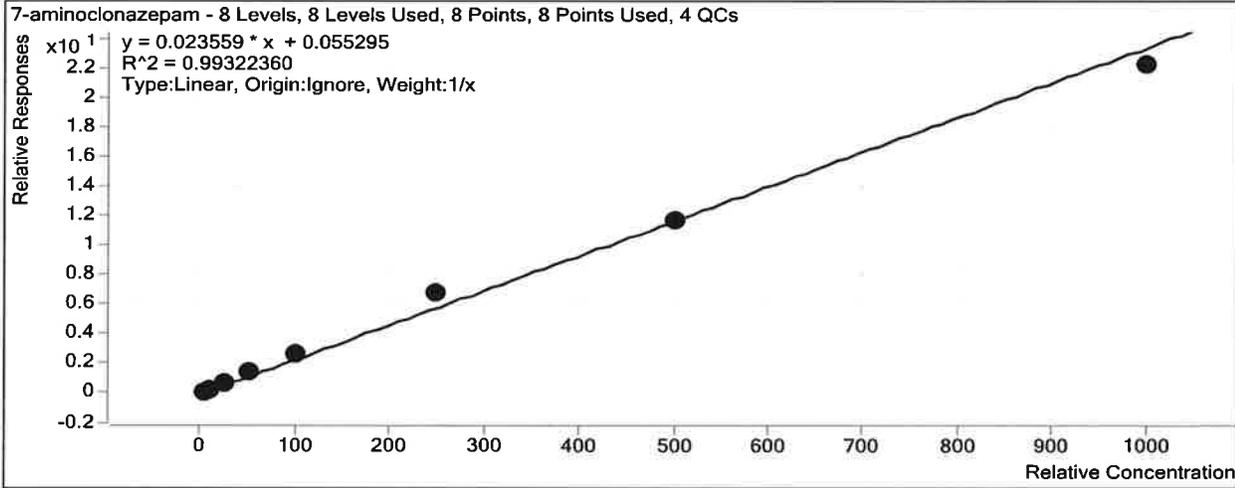
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	3.6	71.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.8	88.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.7	115.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	111.7	111.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	114.1	114.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	288.3	115.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	271.3	108.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.7	99.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	944.4	94.4
a QC 1000 (QC 4)	8	<input type="checkbox"/>	1000	928.1	92.8

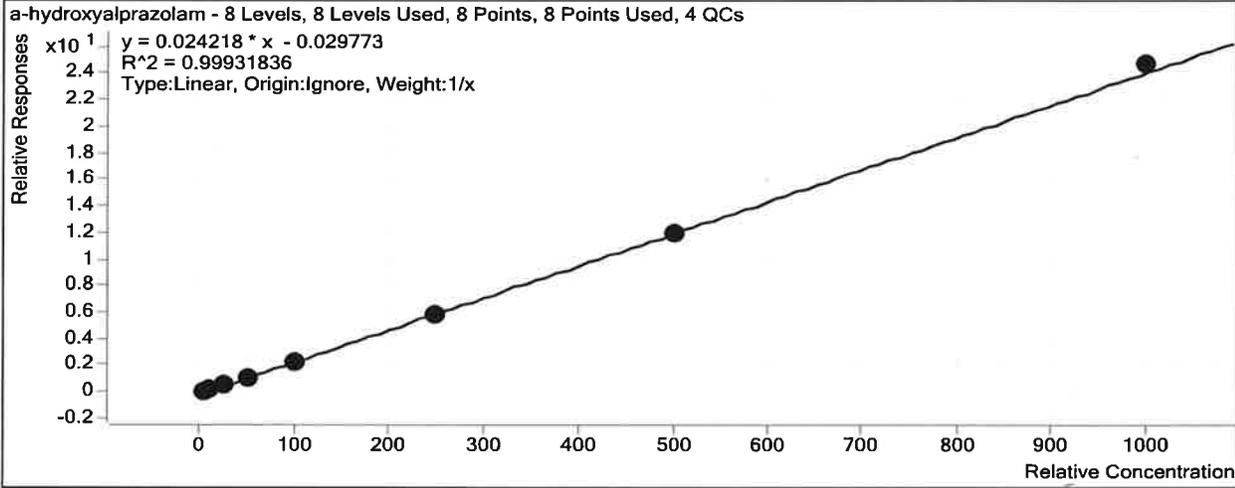
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

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



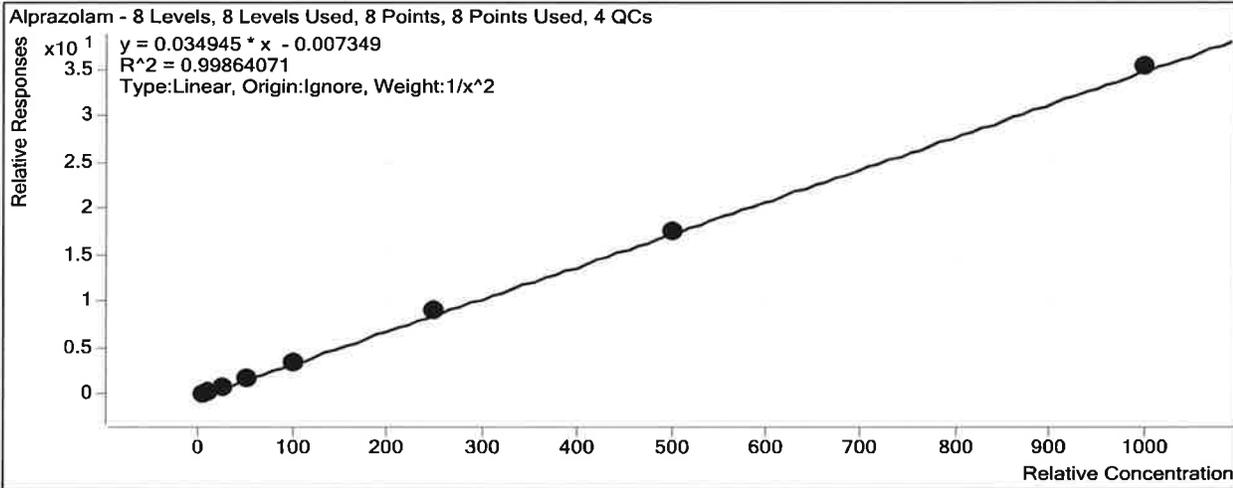
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	115.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.6	95.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.3	97.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.1	96.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.1	100.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.4	98.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.3	102.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	914.7	91.5

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



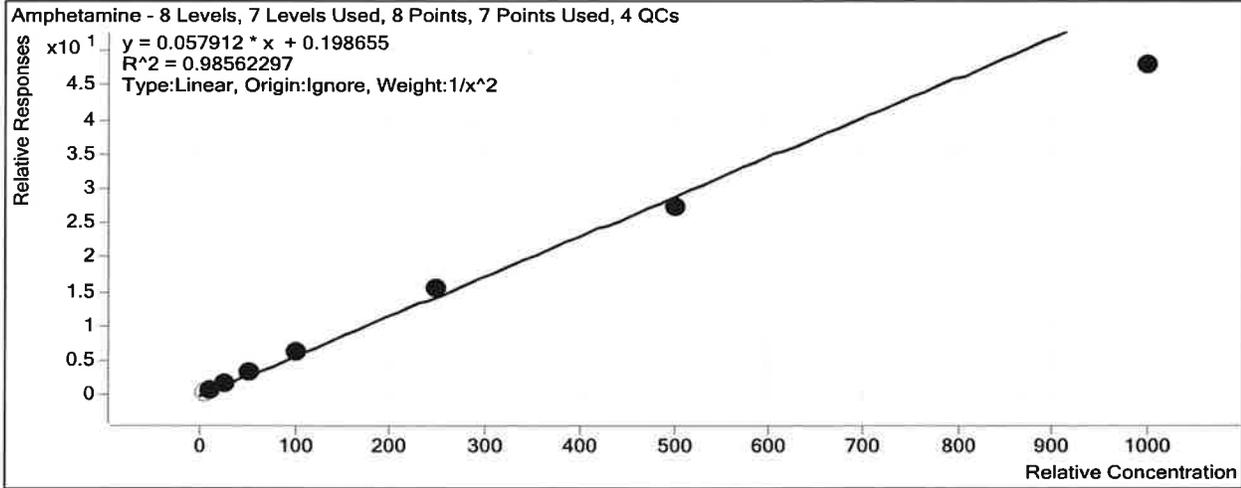
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	103.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.3	95.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.6	105.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.3	100.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.6	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1010.6	101.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	971.7	97.2

ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **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 type="checkbox"/>	5	5.9	118.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.5	105.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.4	105.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	56.7	113.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.0	105.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.2	105.3
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	255.8	102.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	467.3	93.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	825.1	82.5
a QC 1000 (QC 4)	8	<input type="checkbox"/>	1000	781.9	78.2

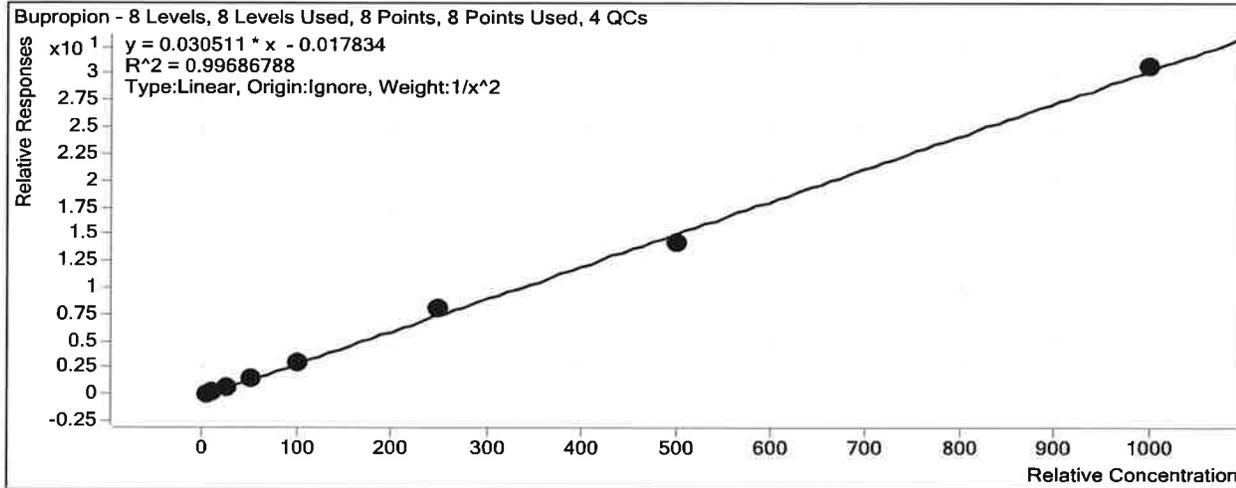
ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	8.6	86.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	88.4	88.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.2	106.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	466.6	93.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.0	100.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	963.6	96.4

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1

Last Calib Update a 021318 TS.batch.bin

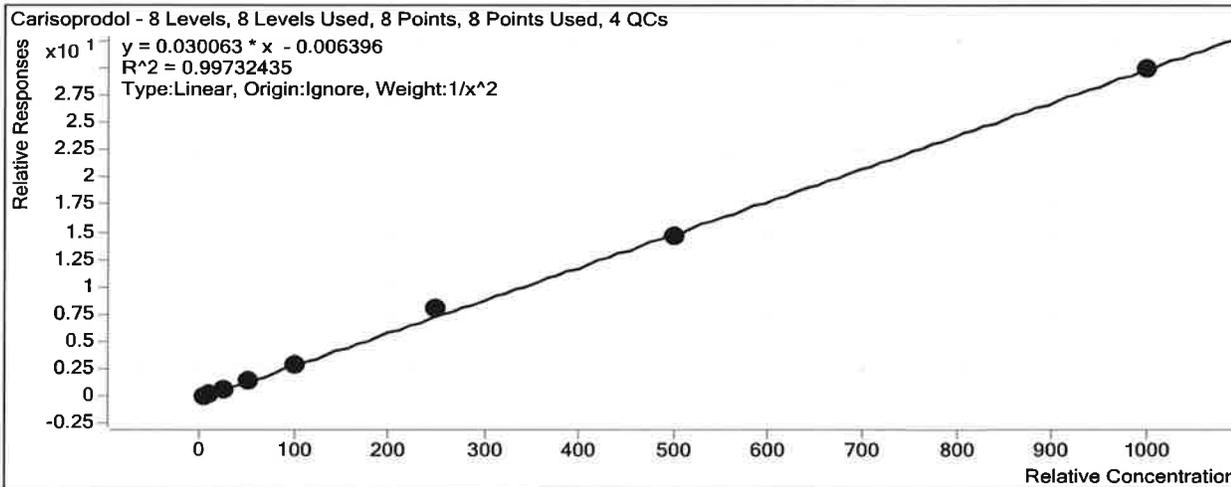
2/14/2018 2:04 PM

Analyst Name

ISP TOX

Target Compound Carisoprodol

Internal Standard Carisoprodol-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.0	100.0
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.2	101.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.8	107.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	201.6	80.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.6	97.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	994.4	99.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	937.5	93.7

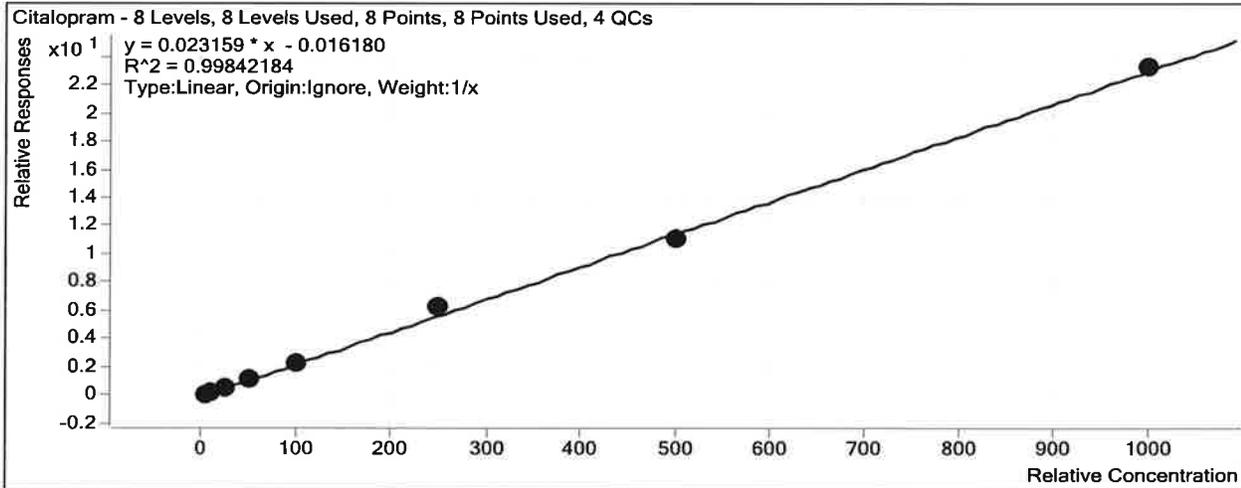
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.2	92.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.2	102.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.0	96.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	269.7	107.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	249.7	99.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	477.2	95.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.8	100.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	977.7	97.8

ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1

a 021318 TS.batch.bin

Last Calib Update

2/14/2018 2:04 PM

Analyst Name

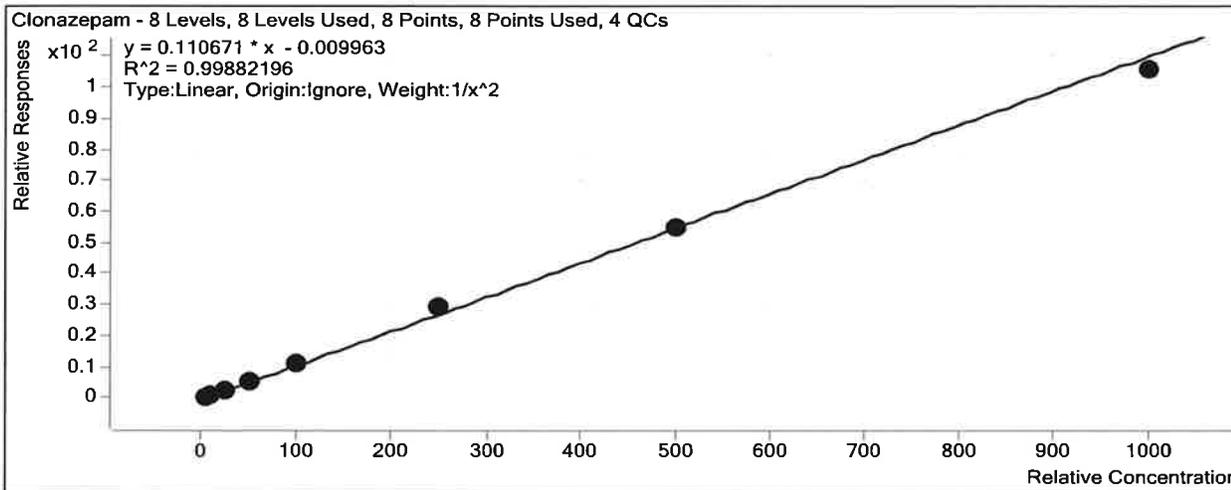
ISP TOX

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	5.0	99.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	104.3	104.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	248.3	99.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.2	99.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	953.9	95.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	950.7	95.1

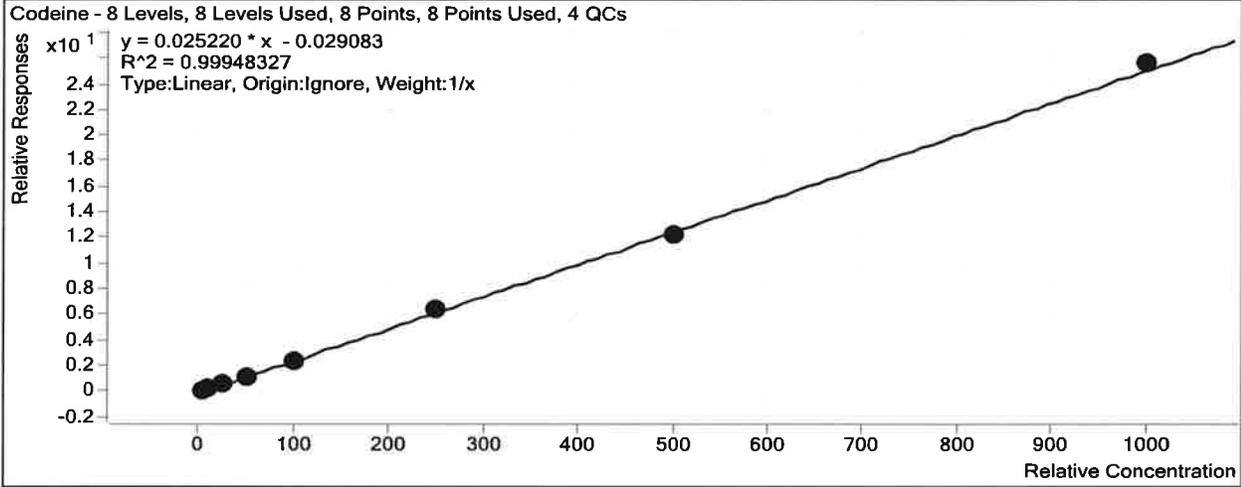
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	5.6	112.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.6	106.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.6	96.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.9	94.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.0	100.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.2	100.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.0	97.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1016.6	101.7
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	964.6	96.5

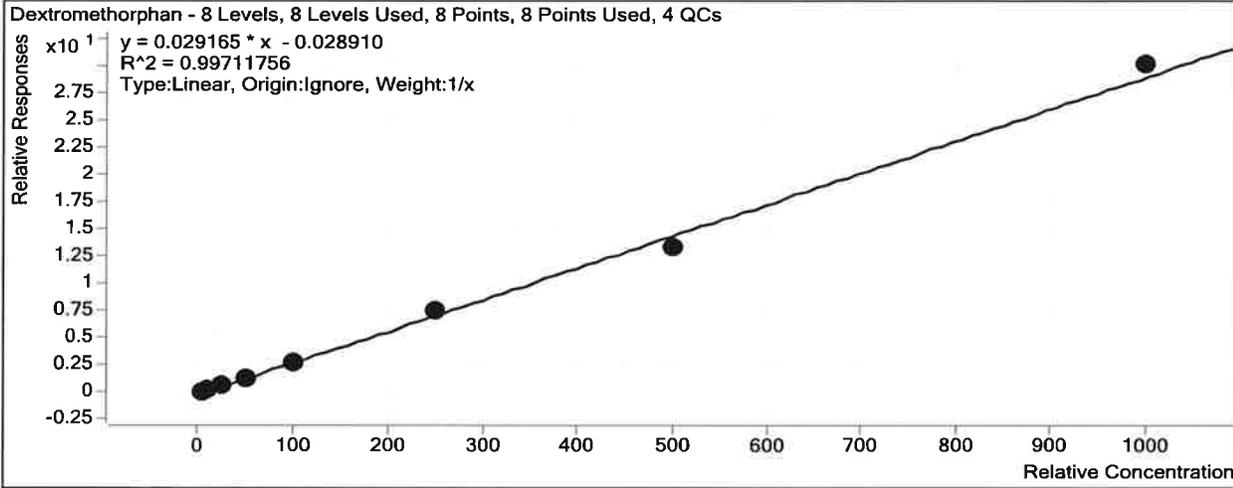
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	5.8	115.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.9	108.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.2	96.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.3	97.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	250.6	100.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	460.1	92.0
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1034.0	103.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	907.0	90.7

ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1

a 021318 TS.batch.bin

Last Calib Update

2/14/2018 2:04 PM

Analyst Name

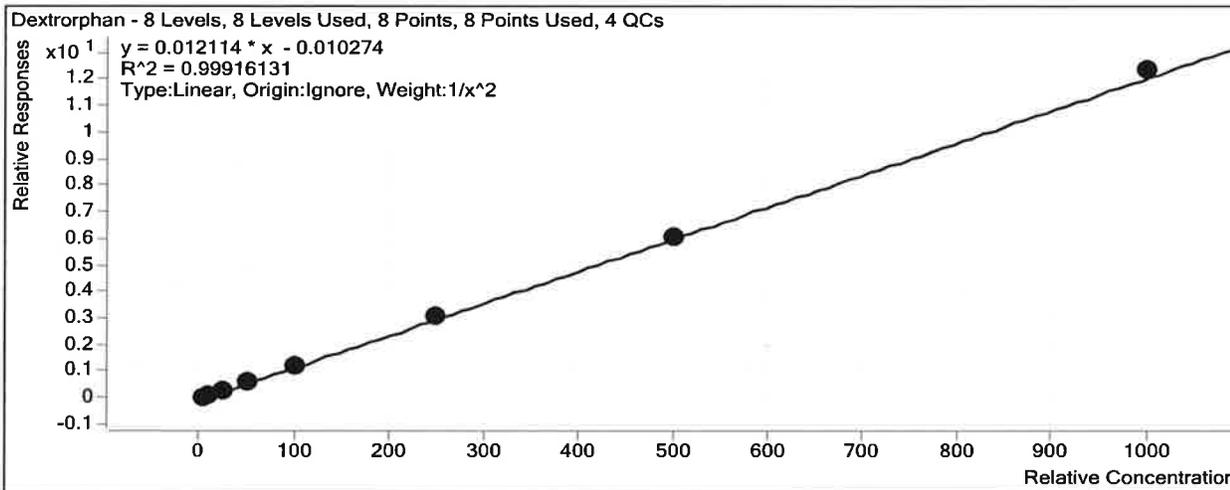
ISP TOX

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	102.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.5
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.9	102.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	245.1	98.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	498.7	99.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.1	102.0
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1001.2	100.1

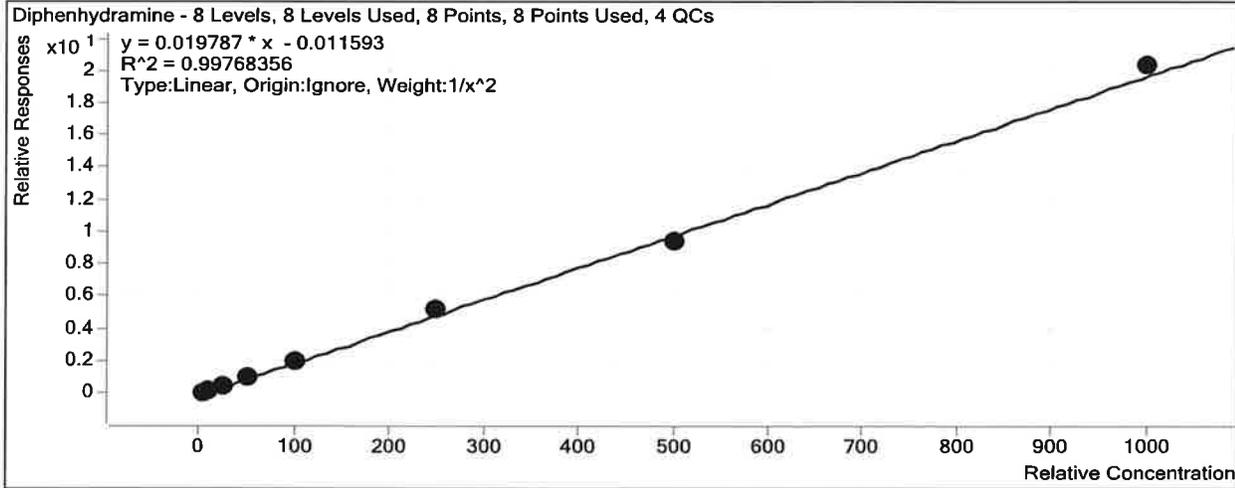
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

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



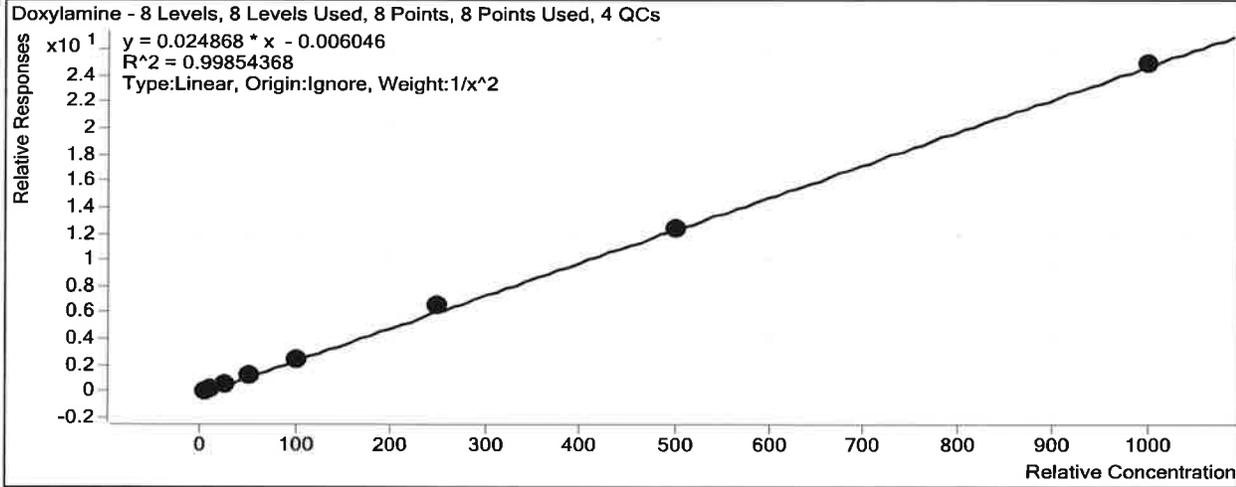
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.0	98.1
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	265.0	106.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.3	104.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	480.4	96.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1027.9	102.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	964.7	96.5

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Doxylamine
Internal Standard Doxylamine-D5



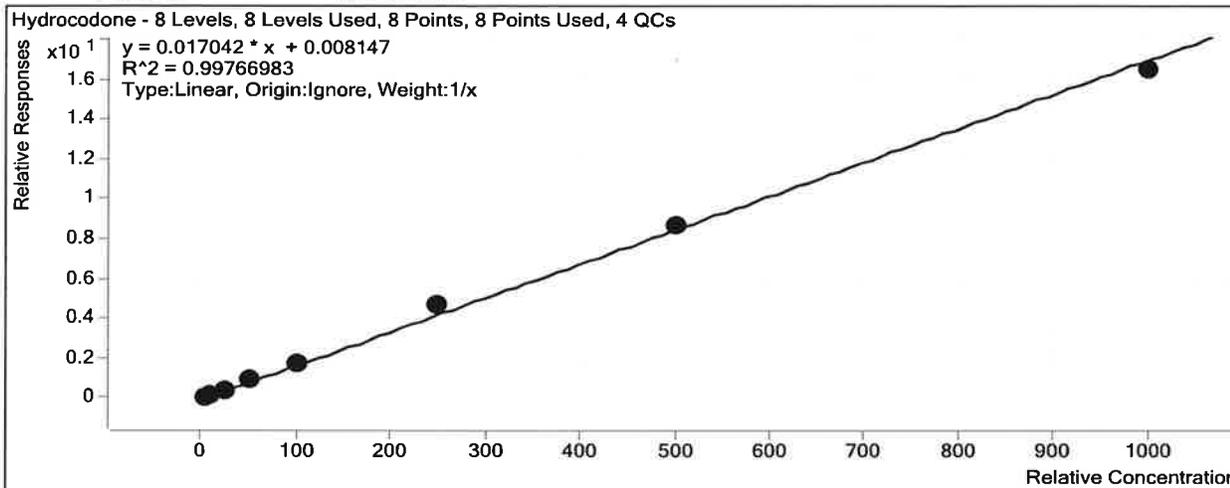
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.8	105.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	281.4	112.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.0	100.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.1	100.2
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	960.8	96.1

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Hydrocodone
Internal Standard Hydrocodone-D6



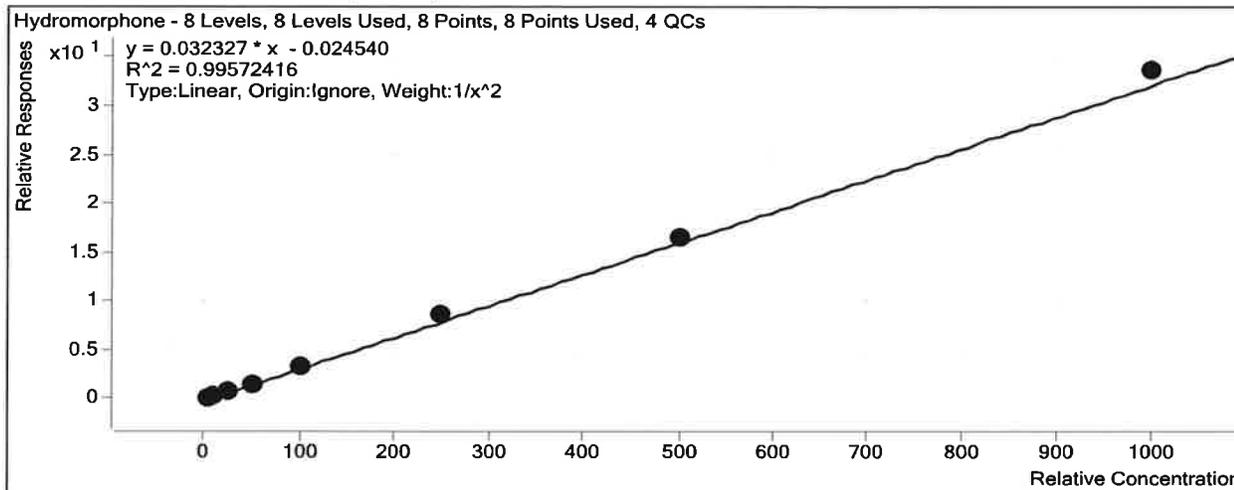
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	94.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.8	107.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.8	101.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.4	103.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.8	109.9
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	276.0	110.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.6	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	965.6	96.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	985.4	98.5

ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **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	5.3	105.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.1	102.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.5	107.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	272.8	109.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.2	101.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1040.6	104.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1065.1	106.5

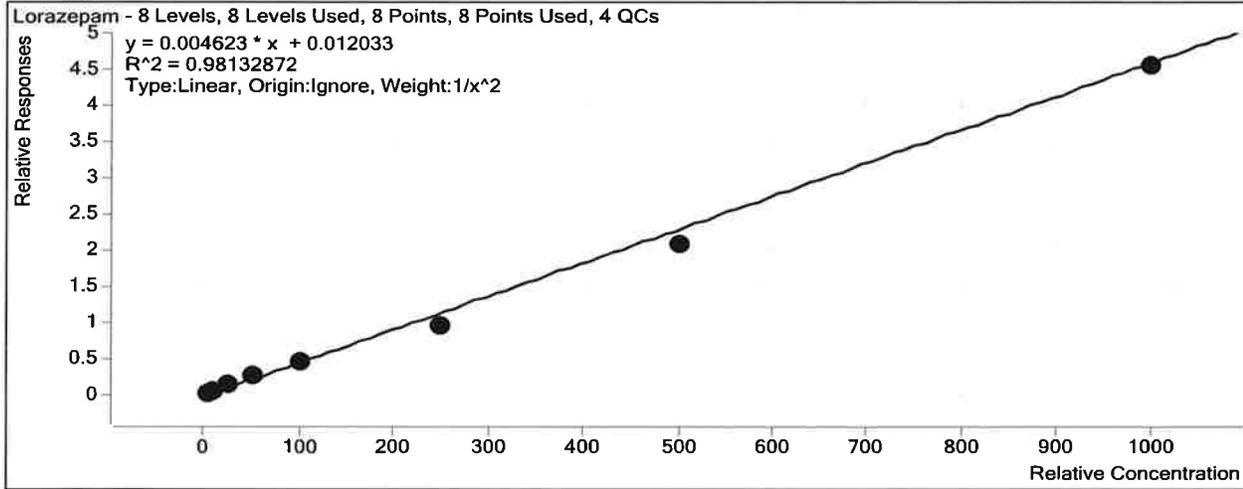
ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/15/2018 12:57 PM **Analyst Name** ISP TOX

Target Compound Lorazepam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.5	90.5
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	11.2	112.2
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	17.1	171.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	28.1	112.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.4	114.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	206.7	82.7
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	213.2	85.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	452.3	90.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.3	98.3
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	496.9	49.7

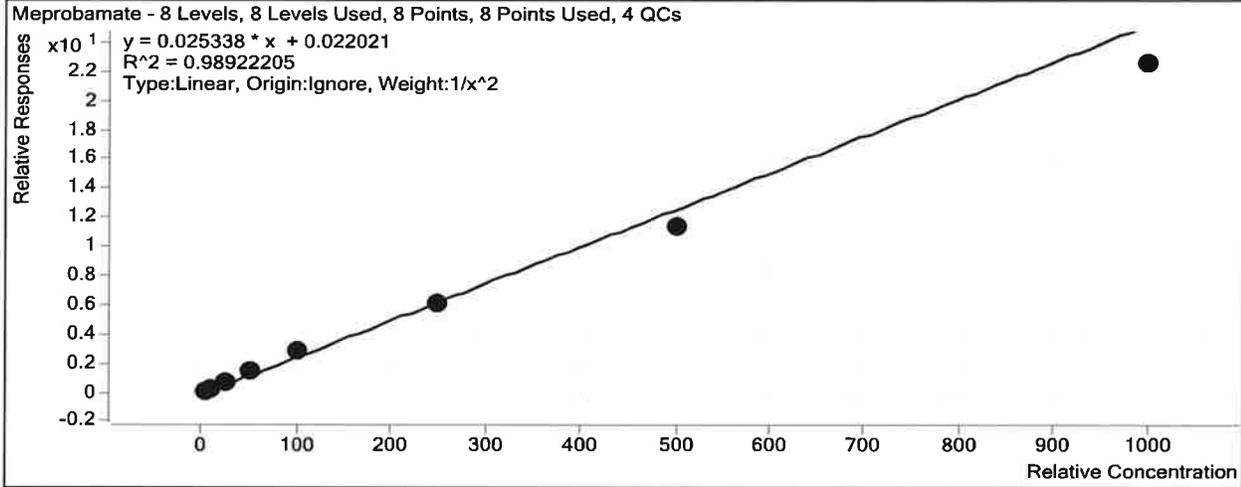
ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Meprobamate
Internal Standard Meprobamate-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	99.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.9	109.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.3	110.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.7	113.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	114.2	114.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.8	97.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	267.3	106.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	446.5	89.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	888.0	88.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	813.0	81.3

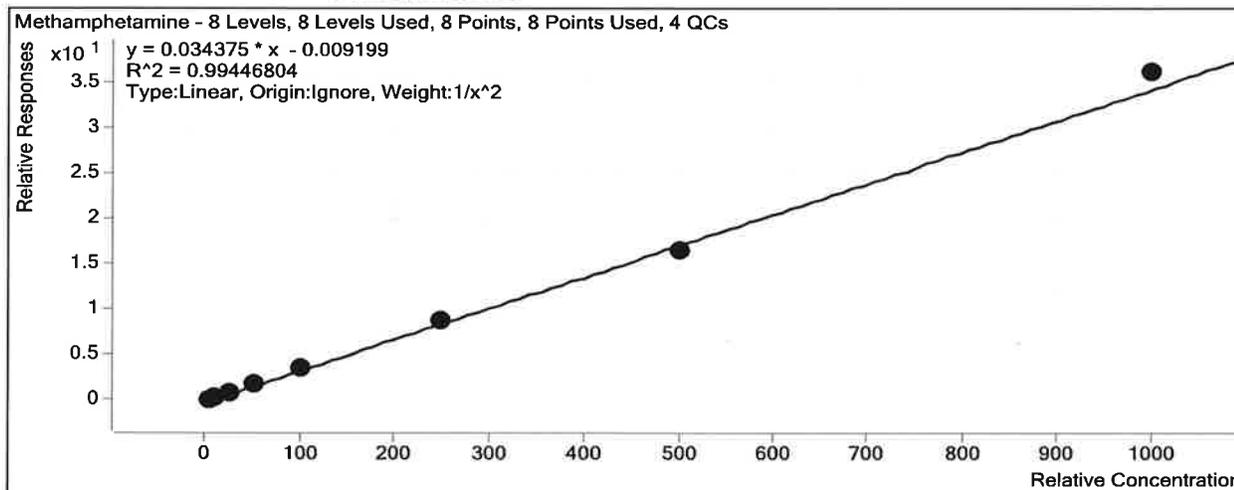
ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

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



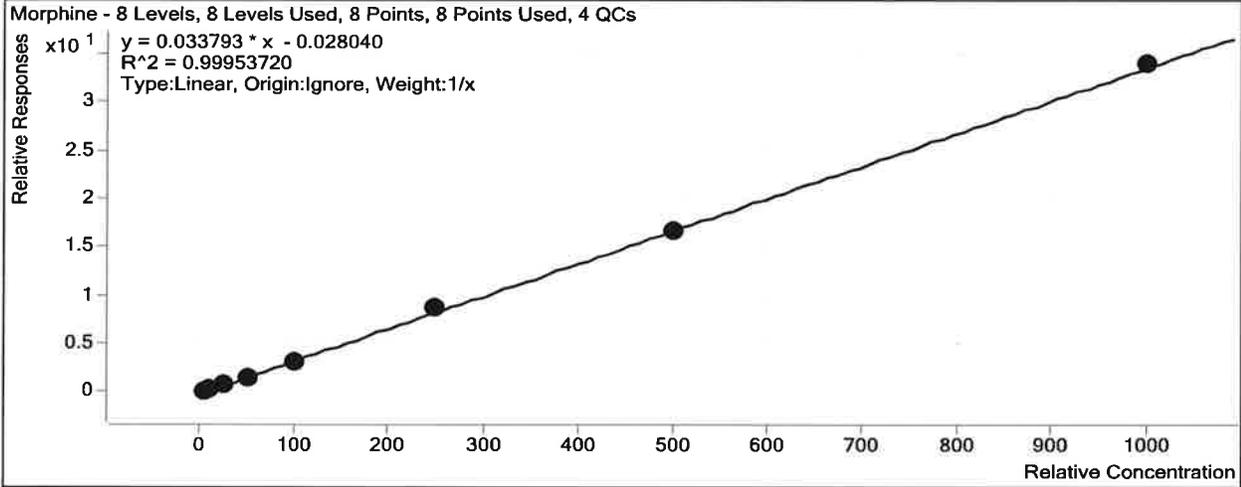
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	105.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.0	90.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.3	93.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.2	104.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.4	91.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.0	100.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.6	104.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.4	96.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1048.6	104.9
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	964.6	96.5

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **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	5.8	115.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	107.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.4	95.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.4	96.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.3	102.5
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.1	106.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.7	99.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.2	100.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1043.4	104.3

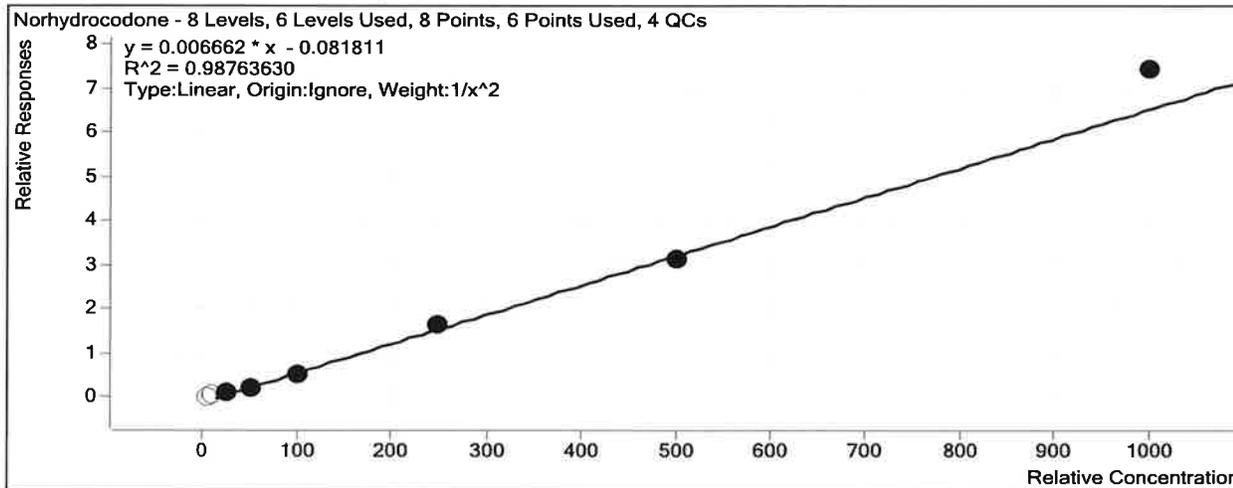
ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	15.3	306.5
a cal 2-10ng	2	<input type="checkbox"/>	10	17.4	173.5
a QC 10 (QC1)	2	<input type="checkbox"/>	10	19.7	196.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.5	106.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.4	92.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	88.4	88.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.3	99.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.9	102.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.6	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.7	97.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1128.0	112.8
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1134.4	113.4

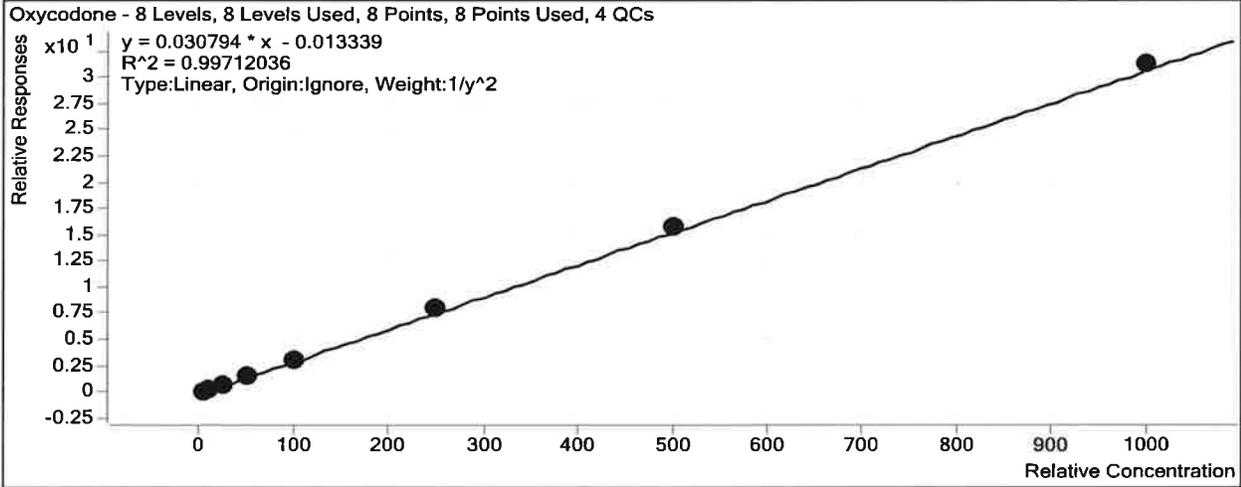
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	5.3	105.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.8	105.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	266.9	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.4	102.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.8	101.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1009.6	101.0

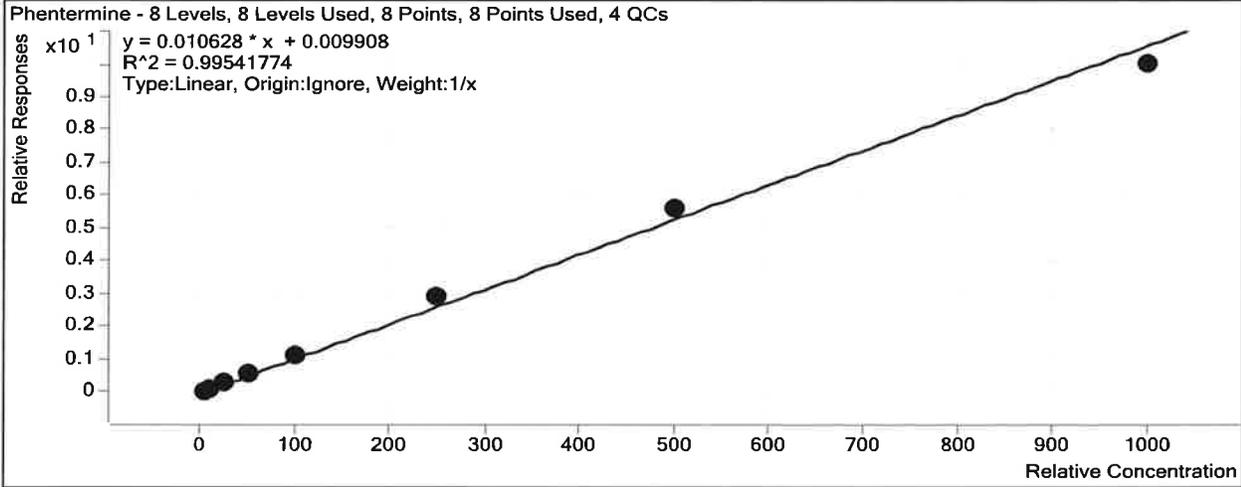
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Phentermine
Internal Standard Phentermine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	3.9	78.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.9	105.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.2	106.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	115.0	115.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	274.9	110.0
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	290.2	116.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.7	105.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	940.7	94.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	994.3	99.4

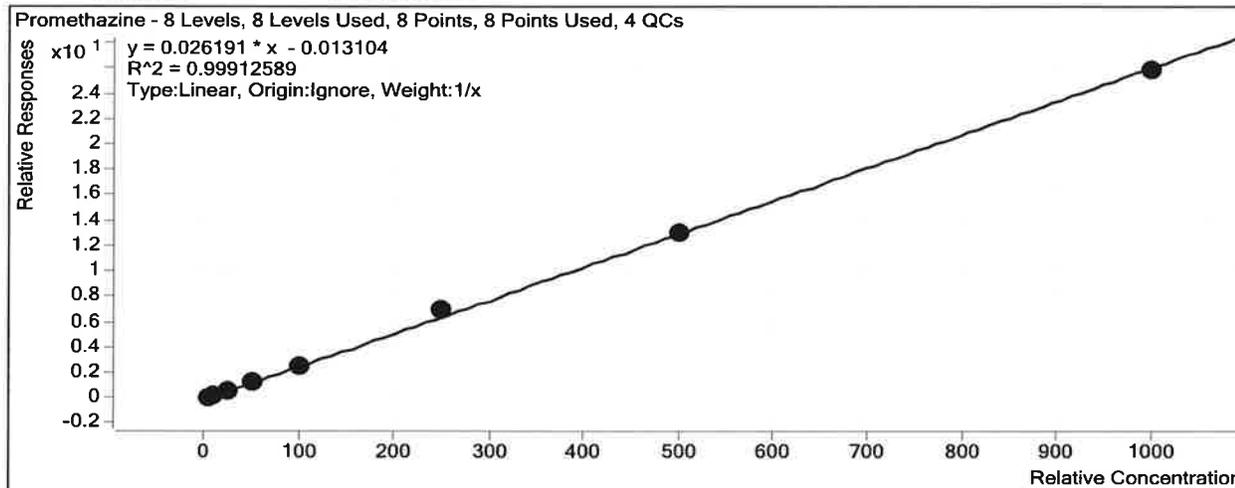
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	4.5	90.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.1
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.1
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.2	102.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.7	107.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	267.6	107.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.9	99.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.6	98.6
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1005.3	100.5

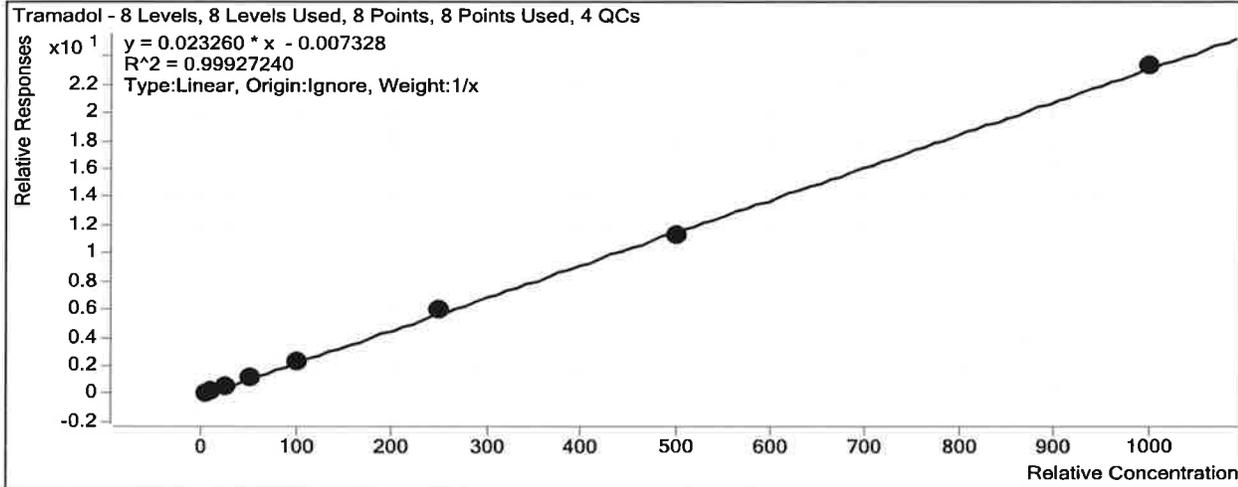
ISP Forensics Calibration Curve Report

AS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	5.5	110.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.7	106.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.2	88.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.2	102.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.7	103.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.2	104.1
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	264.0	105.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.7	97.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.9	100.4
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	968.0	96.8

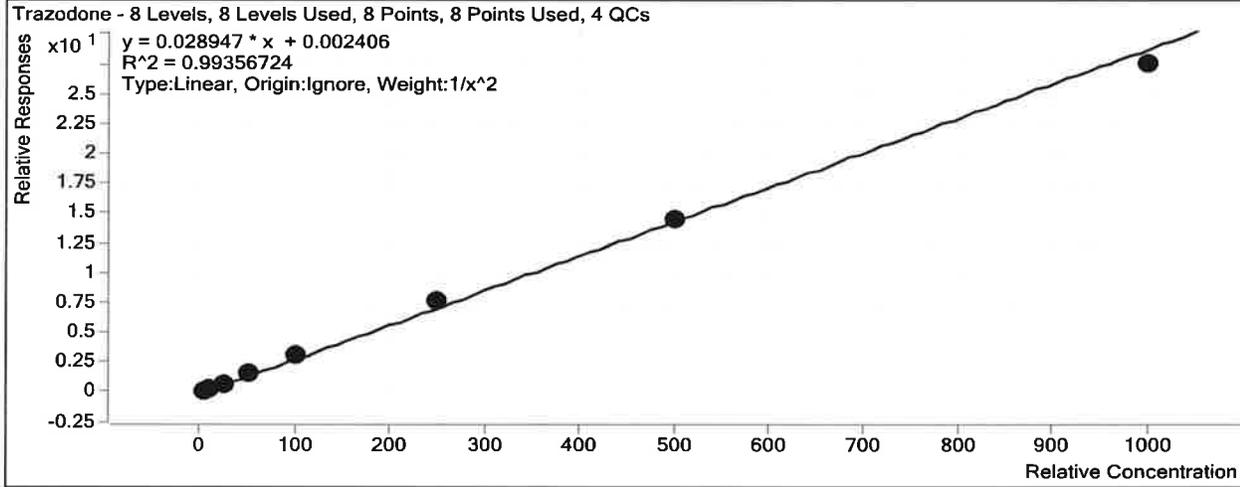
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **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	5.3	106.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.7	87.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.3	104.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.5	105.5
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	105.0	105.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.0	105.6
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	276.0	110.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.7	100.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	951.0	95.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	944.3	94.4

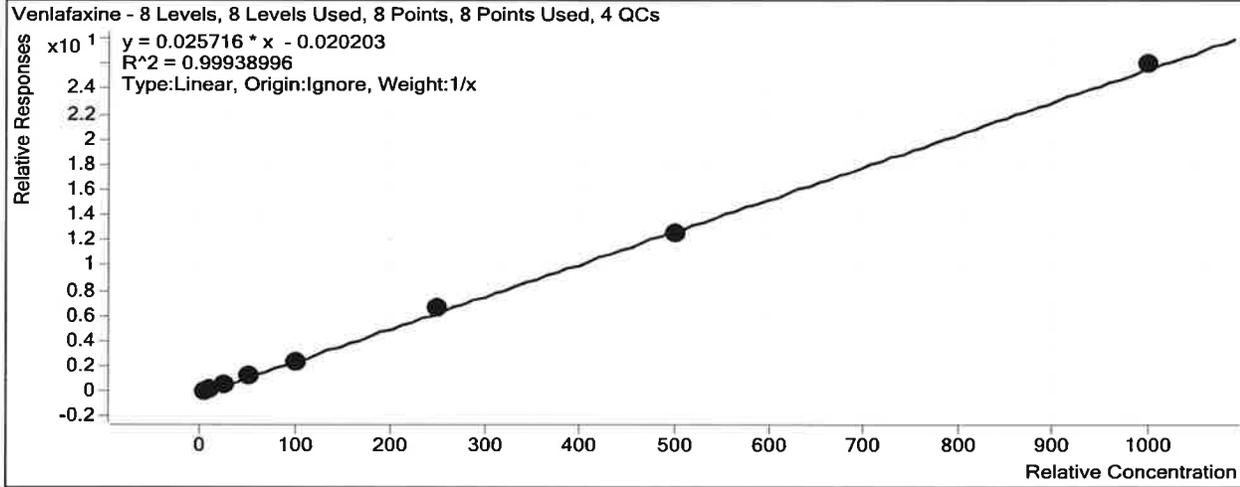
ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1
a 021318 TS.batch.bin

Last Calib Update 2/14/2018 2:04 PM **Analyst Name** ISP TOX

Target Compound Venlafaxine
Internal Standard Venlafaxine-D6



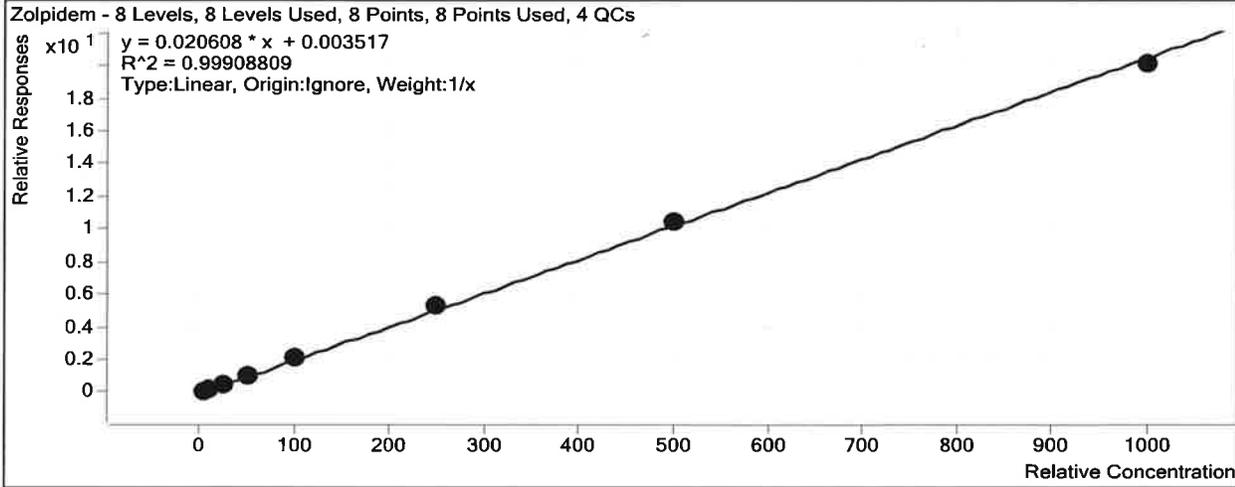
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	110.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.8
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.7	107.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.2	95.2
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.5	103.4
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	252.1	100.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.8	97.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1010.6	101.1
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	992.7	99.3

ISP Forensics Calibration Curve Report

15

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.batch.bin
Last Calib Update 2/14/2018 2:04 PM **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	4.9	98.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.0
a QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	101.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.8	101.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	106.5	106.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	259.5	103.8
a QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	275.8	110.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	509.3	101.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	975.5	97.5
a QC 1000 (QC 4)	8	<input checked="" type="checkbox"/>	1000	1003.6	100.4

15

ISP FORENSICS - Pocatello Instrument # 59740

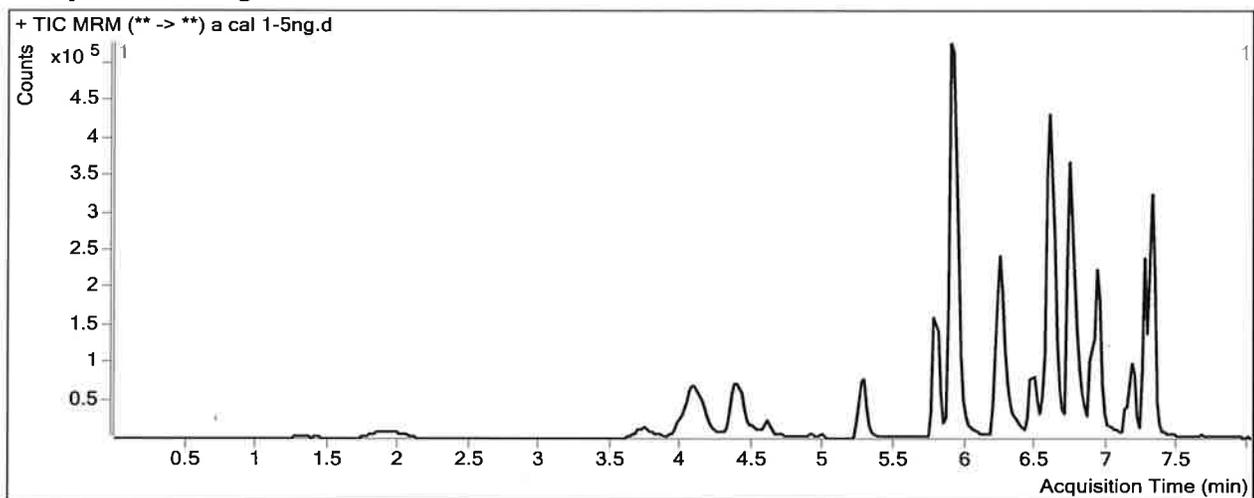
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel1 a 021318 TS.b
Analysis Time 2/14/2018 2:04 PM **Analyst Name** ISPUser
Report Time 2/14/2018 2:11 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 14:03 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	3983	23778	0.1675	5.7869
Hydromorphone	Hydromorphone-D6	1.969	15579	107074	0.1455	5.2601
Codeine	Codeine-D6	3.792	6258	55750	0.1122	5.6038
Oxycodone	Oxycodone-D6	4.129	45305	305323	0.1484	5.2517
Amphetamine	Amphetamine-D11	4.163	85229	157622	0.5407	5.9065
Hydrocodone	Hydrocodone-D6	4.394	16187	186495	0.0868	4.6150
Norhydrocodone	Norhydrocodone-D3	4.437	876	43191	0.0203	15.3247
Methamphetamine	Methamphetamine-D11	4.501	29783	172324	0.1728	5.2956
6-MAM	6-MAM-D6	4.608	902	61749	0.0146	0.5908
Phentermine	Phentermine-D5	5.304	15919	307150	0.0518	3.9445
Dextrorphan	Dextrorphan-D3	5.781	23659	456378	0.0518	5.1275
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	44132	315428	0.1399	3.5917
Tramadol	Tramadol-13C-D3	5.917	166592	1372419	0.1214	5.5338
Doxylamine	Doxylamine-D5	6.260	108211	883991	0.1224	5.1657
Bupropion	Bupropion-D9	6.509	32478	234577	0.1385	5.1224
Meprobamate	Meprobamate-D7	6.591	22320	151402	0.1474	4.9491
Zolpidem	Zolpidem-D6	6.616	144460	1378063	0.1048	4.9161
Venlafaxine	Venlafaxine-D6	6.742	111114	912205	0.1218	5.5222
Trazodone	Trazodone-D6	6.834	34253	218563	0.1567	5.3309
Citalopram	Citalopram-D6	6.896	24668	243928	0.1011	5.0654

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

TS
a cal 1-5ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	6320	45431	0.1391	5.7608
Diphenhydramine	Diphenhydramine-D3	6.951	41927	466289	0.0899	5.1302
Promethazine	Promethazine-D3	7.147	9427	89623	0.1052	4.5166
Clonazepam	Clonazepam-D4	7.182	51102	94283	0.5420	4.9875
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	9306	84398	0.1103	5.7823
Carisoprodol	Carisoprodol-D7	7.272	49692	336646	0.1476	5.1226
Lorazepam	Alprazolam-D5	7.302	17850	541690	0.0330	4.5252
Alprazolam	Alprazolam-D5	7.326	93479	541690	0.1726	5.1486

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ISP FORENSICS - Pocatello Instrument # 59740

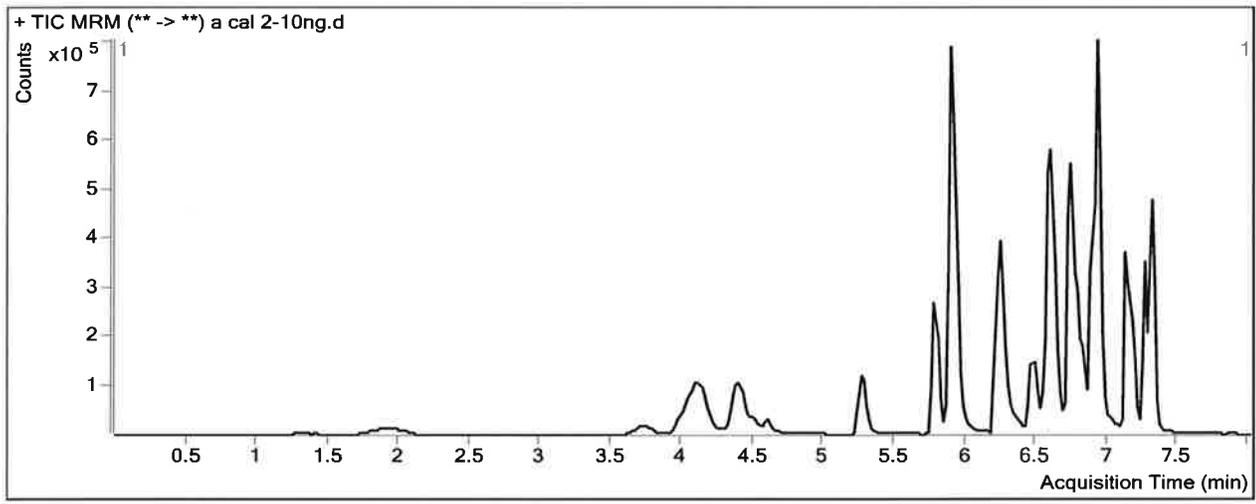
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 2:11 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 14:34 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	8448	27693	0.3051	9.8568
Hydromorphone	Hydromorphone-D6	1.969	36205	130844	0.2767	9.3189
Codeine	Codeine-D6	3.775	14144	64883	0.2180	9.7969
Oxycodone	Oxycodone-D6	4.109	102983	378141	0.2723	9.2772
Amphetamine	Amphetamine-D11	4.143	193356	258997	0.7466	9.4609
Hydrocodone	Hydrocodone-D6	4.394	38678	231959	0.1667	9.3062
Norhydrocodone	Norhydrocodone-D3	4.437	1829	54130	0.0338	17.3513
Methamphetamine	Methamphetamine-D11	4.501	83125	276551	0.3006	9.0117
6-MAM	6-MAM-D6	4.608	1756	76497	0.0230	0.8842
Phentermine	Phentermine-D5	5.304	49858	445067	0.1120	9.6083
Dextroprphan	Dextroprphan-D3	5.781	67661	641800	0.1054	9.5507
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	114275	434756	0.2628	8.8100
Tramadol	Tramadol-13C-D3	5.917	382217	1783514	0.2143	9.5287
Doxylamine	Doxylamine-D5	6.260	299852	1311191	0.2287	9.4393
Bupropion	Bupropion-D9	6.489	101232	379776	0.2666	9.3210
Meprobamate	Meprobamate-D7	6.591	46012	171238	0.2687	9.7354
Zolpidem	Zolpidem-D6	6.616	339520	1740003	0.1951	9.2978
Venlafaxine	Venlafaxine-D6	6.742	295007	1247197	0.2365	9.9835
Trazodone	Trazodone-D6	6.834	152509	599742	0.2543	8.7016
Citalopram	Citalopram-D6	6.876	133325	611916	0.2179	10.1067

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

a cal 2-10ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	52004	211186	0.2462	9.4346
Diphenhydramine	Diphenhydramine-D3	6.931	247445	1372712	0.1803	9.6961
Promethazine	Promethazine-D3	7.127	197613	761686	0.2594	10.4062
Clonazepam	Clonazepam-D4	7.182	122434	111166	1.1014	10.0417
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	22886	112527	0.2034	9.6273
Carisoprodol	Carisoprodol-D7	7.272	114134	399428	0.2857	9.7175
Lorazepam	Alprazolam-D5	7.302	41207	645058	0.0639	11.2152
Alprazolam	Alprazolam-D5	7.326	210387	645058	0.3262	9.5435

AS

ISP FORENSICS - Pocatello Instrument # 59740

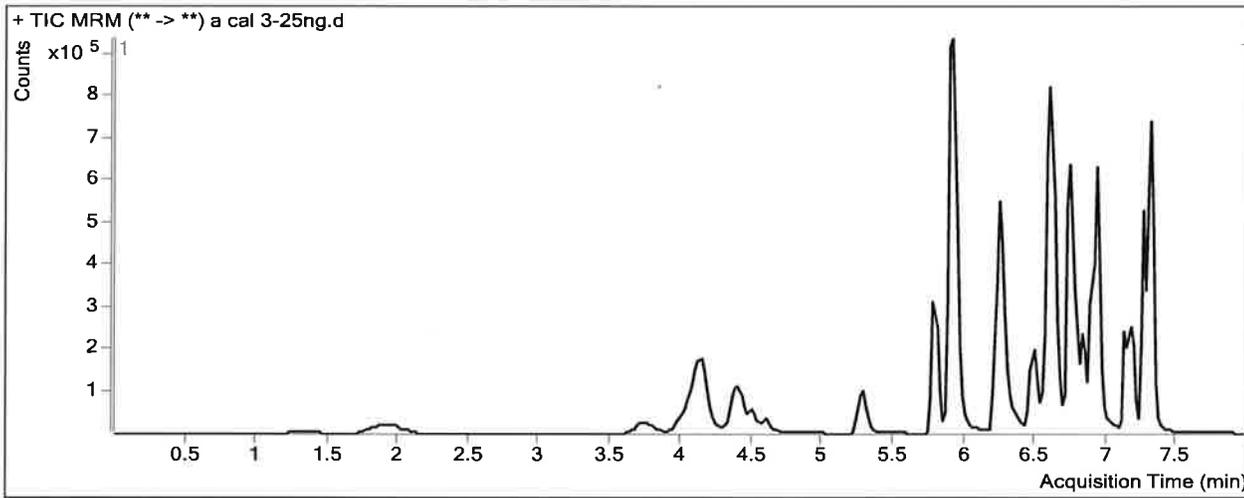
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 2:11 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 15:06 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	21600	28498	0.7580	23.2593
Hydromorphone	Hydromorphone-D6	1.949	93975	131345	0.7155	22.8922
Codeine	Codeine-D6	3.775	37627	64368	0.5846	24.3314
Oxycodone	Oxycodone-D6	4.109	277524	384831	0.7212	23.8520
Amphetamine	Amphetamine-D11	4.143	371774	214920	1.7298	26.4394
Hydrocodone	Hydrocodone-D6	4.394	98529	232557	0.4237	24.3824
Norhydrocodone	Norhydrocodone-D3	4.437	5263	55529	0.0948	26.5066
Methamphetamine	Methamphetamine-D11	4.501	152480	196283	0.7768	22.8667
6-MAM	6-MAM-D6	4.608	4886	76323	0.0640	2.3290
Phentermine	Phentermine-D5	5.304	103721	363127	0.2856	25.9436
Dextrophan	Dextrophan-D3	5.781	161417	562369	0.2870	24.5420
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	282576	425844	0.6636	25.8193
Tramadol	Tramadol-13C-D3	5.917	939864	1846096	0.5091	22.2031
Doxylamine	Doxylamine-D5	6.260	704434	1174714	0.5997	24.3574
Bupropion	Bupropion-D9	6.489	224640	288836	0.7777	26.0754
Meprobamate	Meprobamate-D7	6.591	115635	169795	0.6810	26.0083
Zolpidem	Zolpidem-D6	6.596	905706	1788203	0.5065	24.4067
Venlafaxine	Venlafaxine-D6	6.742	642432	1085221	0.5920	23.8053
Trazodone	Trazodone-D6	6.814	279890	404620	0.6917	23.8137
Citalopram	Citalopram-D6	6.876	203475	390925	0.5205	23.1736

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

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a cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	72209	106804	0.6761	24.1729
Diphenhydramine	Diphenhydramine-D3	6.931	388389	854360	0.4546	23.5610
Promethazine	Promethazine-D3	7.127	234125	363072	0.6448	25.1216
Clonazepam	Clonazepam-D4	7.182	294367	107678	2.7338	24.7919
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	59369	103171	0.5754	24.9904
Carisoprodol	Carisoprodol-D7	7.272	297099	429802	0.6912	23.2058
Lorazepam	Alprazolam-D5	7.282	93310	658392	0.1417	28.0532
Alprazolam	Alprazolam-D5	7.305	551287	658392	0.8373	24.1714

B

ISP FORENSICS - Pocatello Instrument # 59740

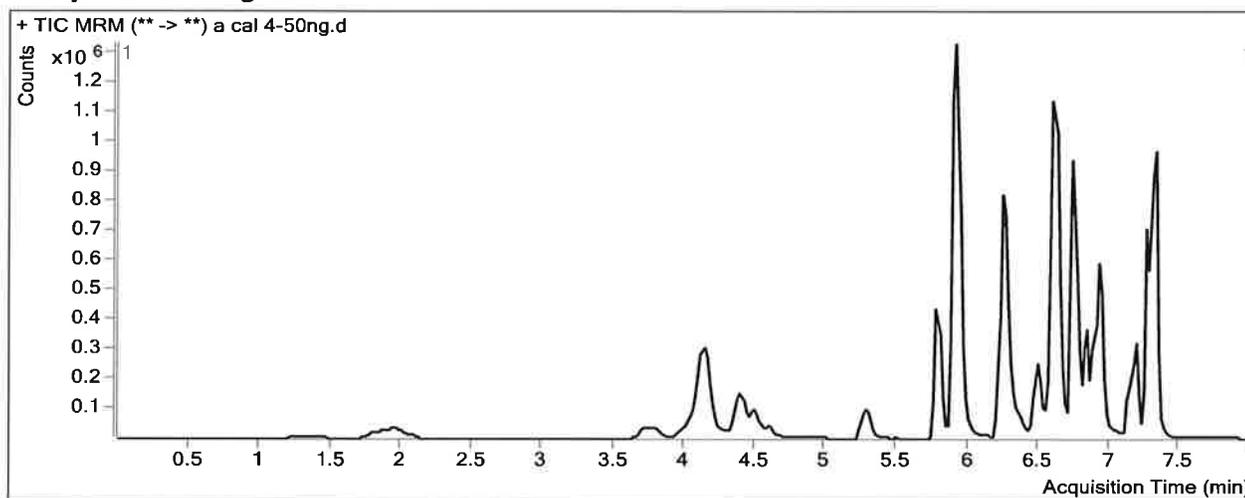
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 2:11 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 15:38 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	42794	27140	1.5768	47.4902
Hydromorphone	Hydromorphone-D6	1.969	199141	128603	1.5485	48.6610
Codeine	Codeine-D6	3.792	74267	62703	1.1844	48.1164
Oxycodone	Oxycodone-D6	4.129	573686	369920	1.5508	50.7950
Amphetamine	Amphetamine-D11	4.163	649929	186588	3.4832	56.7162
Hydrocodone	Hydrocodone-D6	4.394	200372	216422	0.9258	53.8480
Norhydrocodone	Norhydrocodone-D3	4.437	11401	50140	0.2274	46.4100
Methamphetamine	Methamphetamine-D11	4.501	299595	167787	1.7856	52.2120
6-MAM	6-MAM-D6	4.608	10394	71867	0.1446	5.1651
Phentermine	Phentermine-D5	5.304	182003	317905	0.5725	52.9364
Dextroprphan	Dextroprphan-D3	5.781	317052	528640	0.5997	50.3564
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	543718	384397	1.4145	57.6929
Tramadol	Tramadol-13C-D3	5.917	1893547	1615871	1.1718	50.6959
Doxylamine	Doxylamine-D5	6.260	1342281	1098015	1.2225	49.4020
Bupropion	Bupropion-D9	6.489	341927	224738	1.5214	50.4506
Meprobamate	Meprobamate-D7	6.591	213919	150186	1.4244	55.3448
Zolpidem	Zolpidem-D6	6.616	1748570	1666121	1.0495	50.7556
Venlafaxine	Venlafaxine-D6	6.742	1265900	1028162	1.2312	48.6627
Trazodone	Trazodone-D6	6.834	468600	309064	1.5162	52.2954
Citalopram	Citalopram-D6	6.896	325021	277967	1.1693	51.1880

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a cal 4-50ng

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	88056	63777	1.3807	48.3322
Diphenhydramine	Diphenhydramine-D3	6.951	535003	557967	0.9588	49.0454
Promethazine	Promethazine-D3	7.147	221699	169838	1.3054	50.3410
Clonazepam	Clonazepam-D4	7.182	525736	93306	5.6346	51.0029
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	108736	96902	1.1221	47.5639
Carisoprodol	Carisoprodol-D7	7.272	571809	372234	1.5362	51.3101
Lorazepam	Alprazolam-D5	7.302	169923	612212	0.2776	57.4350
Alprazolam	Alprazolam-D5	7.326	1059216	612212	1.7301	49.7206

TS

ISP FORENSICS - Pocatello Instrument # 59740

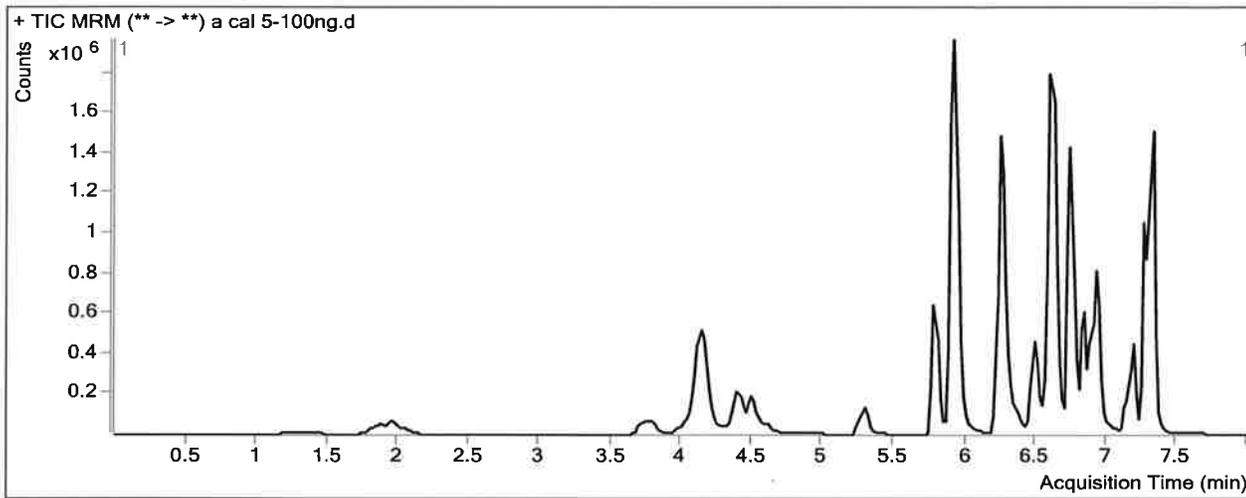
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 16:09 **Data File** a cal 5-100ng.d
Sample Type Calibration **Sample Name** a cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	79783	24967	3.1955	95.3913
Hydromorphone	Hydromorphone-D6	1.969	366506	114894	3.1899	99.4378
Codeine	Codeine-D6	3.775	136036	56541	2.4060	96.5508
Oxycodone	Oxycodone-D6	4.129	1035743	339845	3.0477	99.4037
Amphetamine	Amphetamine-D11	4.163	1091410	173864	6.2774	104.9642
Hydrocodone	Hydrocodone-D6	4.394	360380	206763	1.7430	101.7947
Norhydrocodone	Norhydrocodone-D3	4.437	22512	44368	0.5074	88.4365
Methamphetamine	Methamphetamine-D11	4.501	571674	157668	3.6258	105.7470
6-MAM	6-MAM-D6	4.608	18548	66428	0.2792	9.8998
Phentermine	Phentermine-D5	5.304	341103	299596	1.1385	106.1958
Dextrophan	Dextrophan-D3	5.781	579348	489392	1.1838	98.5697
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	942120	350622	2.6870	111.7078
Tramadol	Tramadol-13C-D3	5.917	3586798	1513250	2.3703	102.2192
Doxylamine	Doxylamine-D5	6.240	2644654	1062525	2.4890	100.3345
Bupropion	Bupropion-D9	6.489	721149	241509	2.9860	98.4527
Meprobamate	Meprobamate-D7	6.591	398247	137175	2.9032	113.7086
Zolpidem	Zolpidem-D6	6.616	3454887	1573714	2.1954	106.3597
Venlafaxine	Venlafaxine-D6	6.742	2394900	986760	2.4270	95.1626
Trazodone	Trazodone-D6	6.834	849560	278048	3.0554	105.4706
Citalopram	Citalopram-D6	6.896	557112	245348	2.2707	98.7471

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Multi-Drug Confirmatory Analysis Report

a cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.927	140260	49939	2.8086	97.2936
Diphenhydramine	Diphenhydramine-D3	6.931	958179	471728	2.0312	103.2422
Promethazine	Promethazine-D3	7.147	275772	106443	2.5908	99.4211
Clonazepam	Clonazepam-D4	7.182	848820	77935	10.8913	98.5022
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.260	195078	85670	2.2771	95.2542
Carisoprodol	Carisoprodol-D7	7.272	994405	331328	3.0013	100.0445
Lorazepam	Alprazolam-D5	7.302	255719	545515	0.4688	98.7952
Alprazolam	Alprazolam-D5	7.326	1868899	545515	3.4259	98.2478

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ISP FORENSICS - Pocatello Instrument # 59740

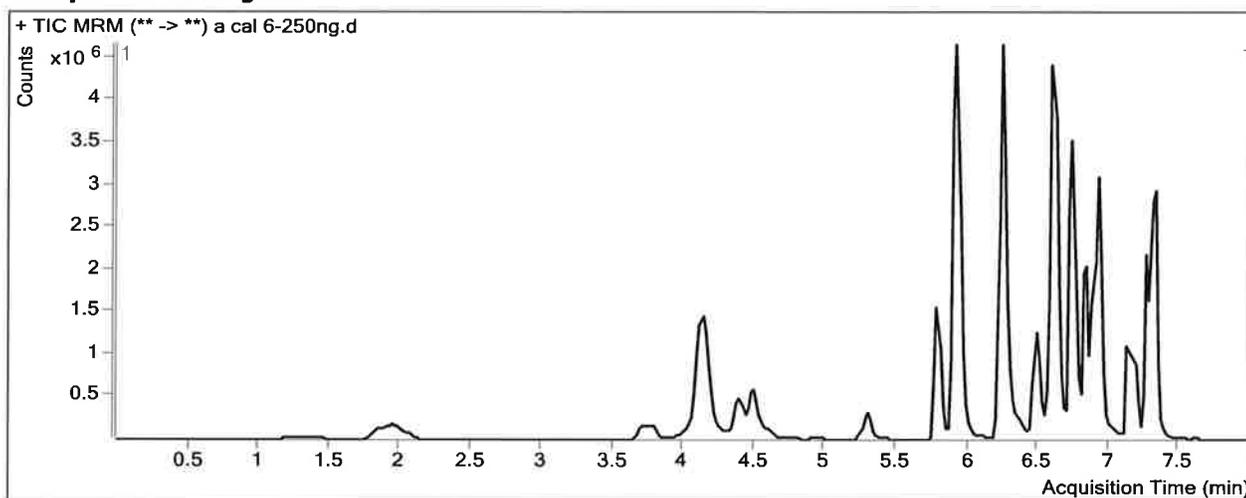
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 16:41 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	232189	26894	8.6334	256.3081
Hydromorphone	Hydromorphone-D6	1.969	1084058	125267	8.6540	268.4648
Codeine	Codeine-D6	3.775	354365	56023	6.3254	251.9569
Oxycodone	Oxycodone-D6	4.109	2966087	367064	8.0806	262.8406
Amphetamine	Amphetamine-D11	4.143	3325491	215370	15.4408	263.1936
Hydrocodone	Hydrocodone-D6	4.394	995600	212196	4.6919	274.8311
Norhydrocodone	Norhydrocodone-D3	4.437	65750	40340	1.6299	256.9226
Methamphetamine	Methamphetamine-D11	4.501	1931304	223196	8.6530	251.9923
6-MAM	6-MAM-D6	4.608	50769	71105	0.7140	25.1959
Phentermine	Phentermine-D5	5.304	1120433	382177	2.9317	274.9192
Dextrorphan	Dextrorphan-D3	5.781	1654484	533442	3.1015	256.8737
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	2429056	354756	6.8471	288.2927
Tramadol	Tramadol-13C-D3	5.917	9930130	1642768	6.0448	260.1960
Doxylamine	Doxylamine-D5	6.240	7853511	1202927	6.5287	262.7807
Bupropion	Bupropion-D9	6.489	2074349	255048	8.1332	267.1534
Meprobamate	Meprobamate-D7	6.591	831923	134737	6.1744	242.8107
Zolpidem	Zolpidem-D6	6.596	8811055	1646697	5.3507	259.4739
Venlafaxine	Venlafaxine-D6	6.742	7168109	1081605	6.6273	258.4924
Trazodone	Trazodone-D6	6.834	2965365	387891	7.6449	264.0171
Citalopram	Citalopram-D6	6.876	2111936	338980	6.2303	269.7214

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

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a cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	778725	102723	7.5808	260.9207
Diphenhydramine	Diphenhydramine-D3	6.931	4074142	778780	5.2314	264.9799
Promethazine	Promethazine-D3	7.127	2378664	339903	6.9981	267.6977
Clonazepam	Clonazepam-D4	7.182	1715080	58649	29.2433	264.3270
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	404933	69426	5.8326	242.0690
Carisoprodol	Carisoprodol-D7	7.272	2154355	265824	8.1044	269.7918
Lorazepam	Alprazolam-D5	7.302	452622	467738	0.9677	206.7151
Alprazolam	Alprazolam-D5	7.326	4288619	467738	9.1689	262.5887

15

ISP FORENSICS - Pocatello Instrument # 59740

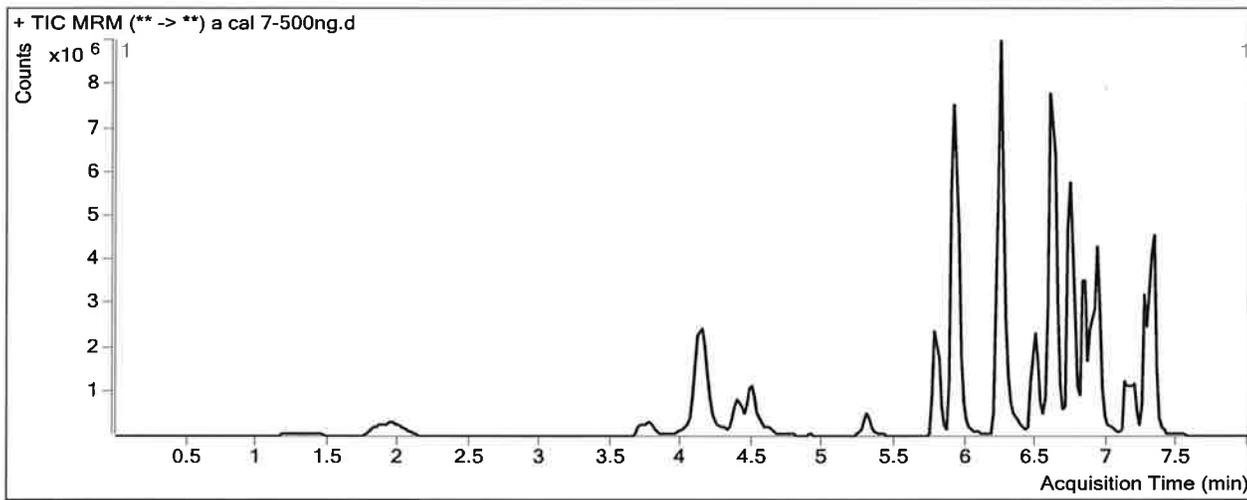
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/14/2018 2:04 PM **Analyst Name** ISPUser
Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 17:12 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	426394	25496	16.7238	495.7168
Hydromorphone	Hydromorphone-D6	1.969	1960913	119313	16.4350	509.1660
Codeine	Codeine-D6	3.775	621874	50752	12.2532	486.9998
Oxycodone	Oxycodone-D6	4.109	5347371	340532	15.7030	510.3714
Amphetamine	Amphetamine-D11	4.143	5344109	196047	27.2594	467.2706
Hydrocodone	Hydrocodone-D6	4.394	1760014	204056	8.6251	505.6259
Norhydrocodone	Norhydrocodone-D3	4.437	112678	35721	3.1544	485.7498
Methamphetamine	Methamphetamine-D11	4.501	3807592	229277	16.6070	483.3846
6-MAM	6-MAM-D6	4.608	90972	67855	1.3407	47.2431
Phentermine	Phentermine-D5	5.304	1964014	350895	5.5972	525.7171
Dextrophan	Dextrophan-D3	5.781	2785073	461812	6.0308	498.6766
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	3723737	314835	11.8276	499.6976
Tramadol	Tramadol-13C-D3	5.917	17747639	1571877	11.2907	485.7353
Doxylamine	Doxylamine-D5	6.240	14798175	1185927	12.4782	502.0275
Bupropion	Bupropion-D9	6.489	3622266	254743	14.2193	466.6283
Meprobamate	Meprobamate-D7	6.591	1296249	114346	11.3362	446.5263
Zolpidem	Zolpidem-D6	6.596	16785228	1598636	10.4997	509.3276
Venlafaxine	Venlafaxine-D6	6.742	12757903	1018692	12.5238	487.7826
Trazodone	Trazodone-D6	6.834	5330529	366993	14.5249	501.6953
Citalopram	Citalopram-D6	6.876	3099536	280878	11.0352	477.1965

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

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a cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	983645	73460	13.3902	460.1118
Diphenhydramine	Diphenhydramine-D3	6.931	5937592	625460	9.4932	480.3652
Promethazine	Promethazine-D3	7.127	2692367	207097	13.0005	496.8812
Clonazepam	Clonazepam-D4	7.182	2395422	43720	54.7900	495.1627
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	640777	53651	11.9434	494.3946
Carisoprodol	Carisoprodol-D7	7.272	3308617	225784	14.6539	487.6472
Lorazepam	Alprazolam-D5	7.302	823565	391640	2.1029	452.2641
Alprazolam	Alprazolam-D5	7.326	6916655	391640	17.6608	505.5956

TS

ISP FORENSICS - Pocatello Instrument # 59740

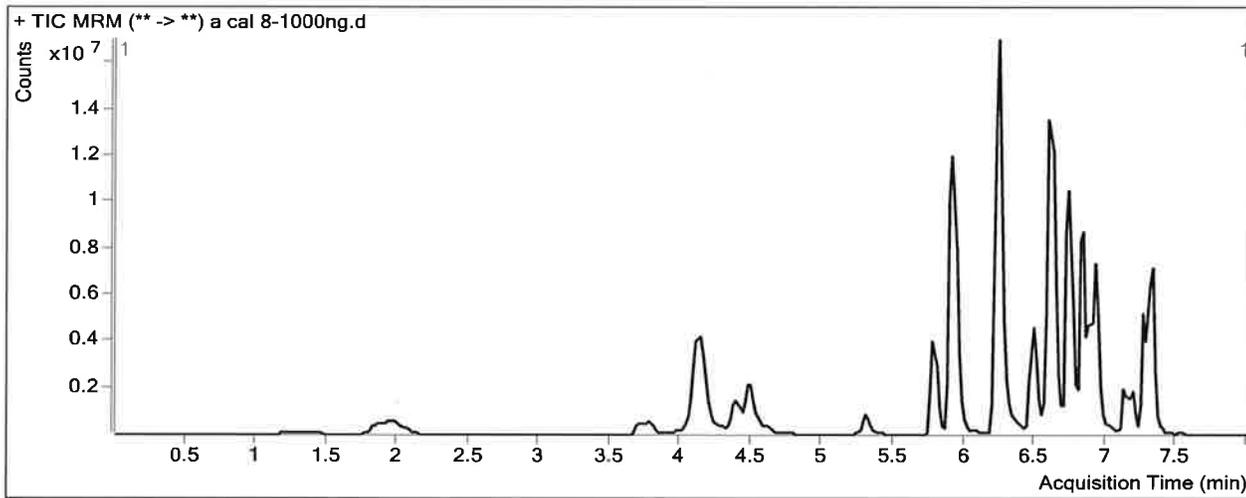
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/14/2018 2:04 PM **Analyst Name** ISPUser
Report Time 2/14/2018 2:12 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 2:04 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 17:44 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1a 1-19-2018.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Morphine	Morphine-D6	1.328	875356	25765	33.9744	1006.1906
Hydromorphone	Hydromorphone-D6	1.969	3958198	117750	33.6151	1040.6219
Codeine	Codeine-D6	3.775	1184798	46261	25.6111	1016.6442
Oxycodone	Oxycodone-D6	4.109	10606966	339569	31.2366	1014.8066
Amphetamine	Amphetamine-D11	4.143	8641332	180105	47.9794	825.0538
Hydrocodone	Hydrocodone-D6	4.394	3361710	204184	16.4641	965.5967
Norhydrocodone	Norhydrocodone-D3	4.437	216664	29148	7.4332	1127.9806
Methamphetamine	Methamphetamine-D11	4.501	7302527	202645	36.0361	1048.6008
6-MAM	6-MAM-D6	4.608	185125	63469	2.9168	102.6921
Phentermine	Phentermine-D5	5.304	3553804	355100	10.0079	940.7351
Dextrophan	Dextrophan-D3	5.781	4927774	399108	12.3470	1020.0696
7-aminoclonazepam	7-Aminoclonazepam-D4	5.891	6187383	277412	22.3039	944.3879
Tramadol	Tramadol-13C-D3	5.917	33940021	1453982	23.3428	1003.8881
Doxylamine	Doxylamine-D5	6.240	29846684	1198026	24.9132	1002.0793
Bupropion	Bupropion-D9	6.489	7791839	254263	30.6448	1004.9844
Meprobamate	Meprobamate-D7	6.591	2341167	103945	22.5231	888.0258
Zolpidem	Zolpidem-D6	6.596	32200967	1601575	20.1058	975.4627
Venlafaxine	Venlafaxine-D6	6.742	24978603	961881	25.9685	1010.5888
Trazodone	Trazodone-D6	6.834	12506064	454237	27.5320	951.0432
Citalopram	Citalopram-D6	6.876	5580147	239966	23.2539	1004.8014

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

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a cal 8-1000ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	1726711	57315	30.1267	1033.9734
Diphenhydramine	Diphenhydramine-D3	6.931	11127462	547412	20.3274	1027.9209
Promethazine	Promethazine-D3	7.127	4205308	162992	25.8008	985.6146
Clonazepam	Clonazepam-D4	7.182	3613919	34235	105.5628	953.9368
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	1165155	47210	24.6801	1020.3184
Carisoprodol	Carisoprodol-D7	7.272	5303990	177462	29.8881	994.3845
Lorazepam	Alprazolam-D5	7.302	1468098	322115	4.5577	983.2619
Alprazolam	Alprazolam-D5	7.326	11373752	322115	35.3096	1010.6402

TS

ISP FORENSICS - Pocatello Instrument # 59740

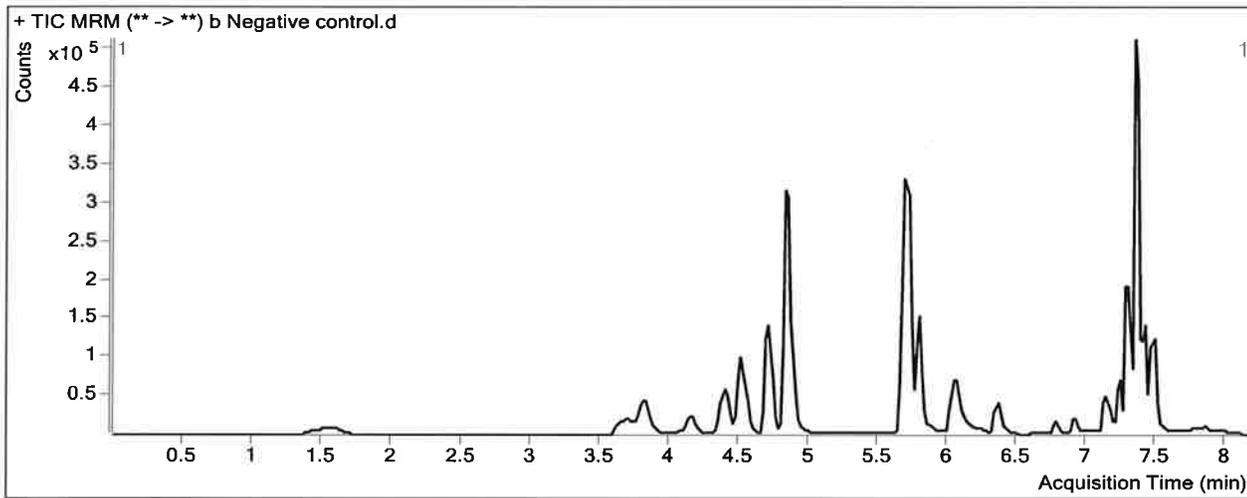
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 18:47 **Data File** b Negative control.d
Sample Type Sample **Sample Name** b Negative control
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-E2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Naloxone	Naloxone-D5	3.871	698	308284	0.0023	1.0891 <5
Ketamine	Ketamine-D4	5.719	4838	608226	0.0080	0.7633 <5
Fentanyl	Fentanyl-D5	6.800	395	47730	0.0083	0.5326 ***
EDDP	EDDP-D3	6.930	1256	64219	0.0196	1.6872 <5
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1047	17205	0.0608	3.2039 <5
Fluoxetine	Fluoxetine-D6	7.284	3279	44388	0.0739	5.6152 <25
Temazepam	Temazepam-D5	7.367	7370	1268673	0.0058	0.6228 <5

*** Fentanyl negative due to ratio being out of range. - TS

TS

ISP FORENSICS - Pocatello Instrument # 59740

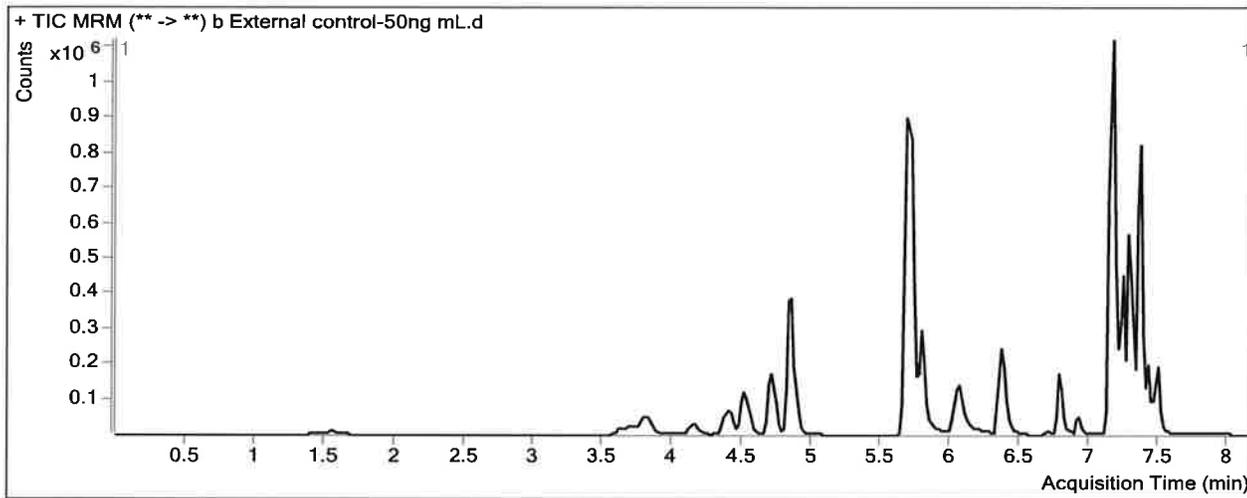
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 19:18 **Data File** b External control-50ng mL.d
Sample Type Sample **Sample Name** b External control-50ng mL
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-F2 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng trazodone, ketamine, morphine, quetiapine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
<u>Ketamine</u>	Ketamine-D4	5.701	1476281	793082	1.8614	<u>75.7952</u>
<u>Quetiapine</u>	Quetiapine-D8	7.159	1652939	298981	5.5286	<u>51.0130</u>
Sufentanil	Sufentanil-D5	7.178	884	349325	0.0025	0.0384 < 0.5
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1444	271898	0.0053	1.2160 < 5
Fluoxetine	Fluoxetine-D6	7.284	3659	843613	0.0043	2.9444 < 2.5

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ISP FORENSICS - Pocatello Instrument # 59740

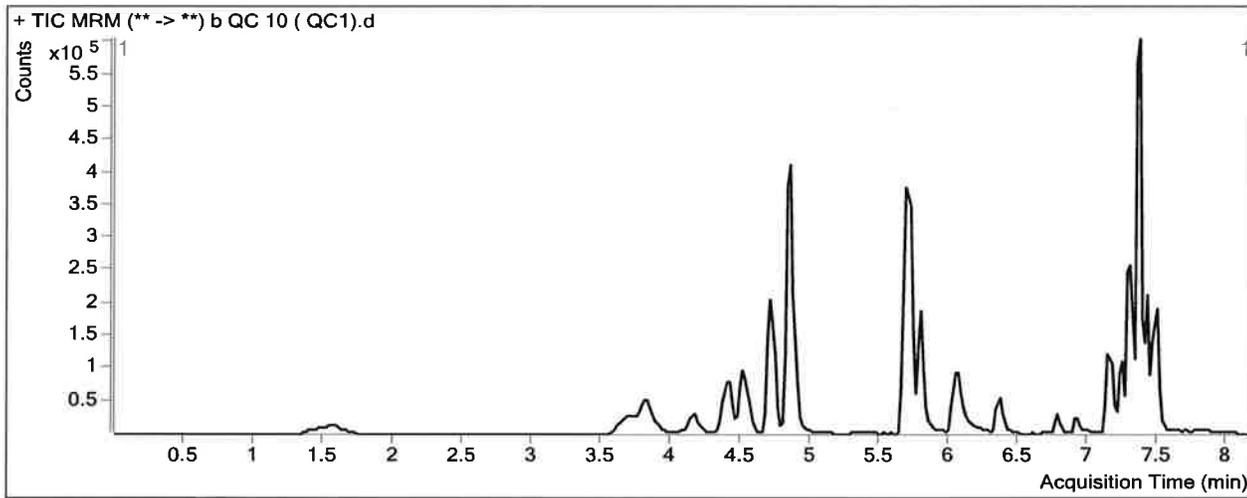
Multi-Drug Confirmatory Analysis Report

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Report Time 2/20/2018 2:20 PM **Reporter Name** ISPUser
Last Calib Update 2/20/2018 1:42 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 21:40 **Data File** b QC 10 (QC1).d
Sample Type QC **Sample Name** b QC 10 (QC1)
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-A2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	38424	130537	0.2944	9.7968
Dihydrocodeine	Dihydrocodeine-D6	3.735	26612	148123	0.1797	9.5620
Naloxone	Naloxone-D5	3.871	52069	323673	0.1609	9.6666
Noroxycodone	Noroxycodone-D3	4.199	38607	128738	0.2999	10.1019
Naltrexone	Naltrexone-D3	4.412	57371	262795	0.2183	9.9207
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.583	10859	394878	0.0275	0.9861
Naltrexol	Naltrexol-D3	4.709	126679	504348	0.2512	9.5832
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	283857	1190492	0.2384	10.2473
Ketamine	Ketamine-D4	5.701	144346	613247	0.2354	9.9698
Norfentanyl	Norfentanyl-D5	5.742	12189	693291	0.0176	1.2015
alpha-PVP	alpha-PVP-d8	6.067	80912	367292	0.2203	9.8317
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	2896	179374	0.0161	1.0833
Norbuprenorphine	Norbuprenorphine-D3	6.692	138	5546	0.0249	1.4010
Fentanyl	Fentanyl-D5	6.800	1447	84900	0.0170	1.4392
EDDP	EDDP-D3	6.930	13798	59577	0.2316	10.8413
Quetiapine	Quetiapine-D8	7.159	143151	127738	1.1207	9.8578
Sufentanil	Sufentanil-D5	7.158	837	49848	0.0168	0.7049
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	9061	38708	0.2341	9.4064
Methadone	Methadone-D9	7.242	54605	207714	0.2629	10.3615

Handwritten notes:
 - Next to 1.2015: outside curve range - TS
 - Next to 1.4010: Compound not contacted - TS
 - Next to 1.4392: outside curve range - TS

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report b QC 10 (QC1)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc	
Fluoxetine	Fluoxetine-D6	7.284	25391	114306	0.2221	11.3096	Compound not evaluated - TS
Oxazepam	Oxazepam-D5	7.308	76229	467928	0.1629	9.8174	
Sertraline	Sertraline-D3	7.345	11827	57029	0.2074	9.7301	
Temazepam	Temazepam-D5	7.367	217094	1237874	0.1754	9.5783	
Buprenorphine	Buprenorphine-D4	7.416	1592	48026	0.0332	1.3161	Buprenorphine is outside linear range - TS
Nordiazepam	Nordiazepam-D5	7.434	108125	321317	0.3365	10.0176	
Diazepam	Diazepam-D5	7.470	41194	300607	0.1370	5.3235	Not evaluated * Peak - cut-off - TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

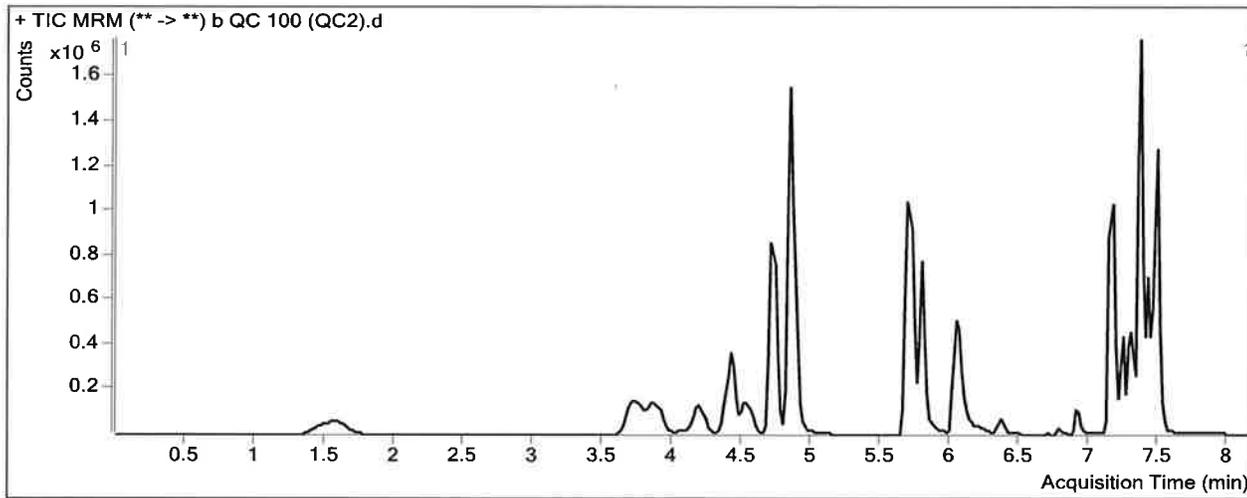
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Report Time 2/15/2018 1:21 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 01:05 **Data File** b QC 100 (QC2).d
Sample Type QC **Sample Name** b QC 100 (QC2)
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-B2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	524139	165110	3.1745	99.2142
Dihydrocodeine	Dihydrocodeine-D6	3.735	369140	190122	1.9416	102.7700
Naloxone	Naloxone-D5	3.889	662720	378567	1.7506	95.6412
Noroxycodone	Noroxycodone-D3	4.199	463333	149494	3.0993	96.6470
Naltrexone	Naltrexone-D3	4.412	718951	312499	2.3007	103.1549
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.583	140617	521213	0.2698	9.1907
Naltrexol	Naltrexol-D3	4.709	1677072	654216	2.5635	102.7784
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	3632755	1546381	2.3492	100.8877
Ketamine	Ketamine-D4	5.701	1888967	811244	2.3285	94.7013
Norfentanyl	Norfentanyl-D5	5.742	188553	920690	0.2048	9.4028
alpha-PVP	alpha-PVP-d8	6.047	1146815	496070	2.3118	98.2980
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	27122	182565	0.1486	9.1590
Norbuprenorphine	Norbuprenorphine-D3	6.692	1190	6170	0.1929	9.4492
Fentanyl	Fentanyl-D5	6.800	13125	68862	0.1906	9.6967
EDDP	EDDP-D3	6.910	188288	81592	2.3077	100.4741
Quetiapine	Quetiapine-D8	7.159	1938785	173763	11.1576	103.5694
Sufentanil	Sufentanil-D5	7.158	8765	40435	0.2168	10.0455
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	78578	28078	2.7986	101.2202
Methadone	Methadone-D9	7.242	572702	222709	2.5715	97.8186

Compound not re-evaluated - TS

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report b QC 100 (QC2)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	188557	81739	2.3068	91.3794
Oxazepam	Oxazepam-D5	7.308	423511	263160	1.6093	96.0631
Sertraline	Sertraline-D3	7.345	86745	37101	2.3381	99.2009
Temazepam	Temazepam-D5	7.367	2330192	1296349	1.7975	95.2488
Buprenorphine	Buprenorphine-D4	7.396	18565	48783	0.3806	8.2970
Nordiazepam	Nordiazepam-D5	7.434	1006287	317160	3.1728	100.2163
Diazepam	Diazepam-D5	7.490	1026837	378771	2.7110	101.7647

compound not evaluated - TS

TS

ISP FORENSICS - Pocatello Instrument # 59740

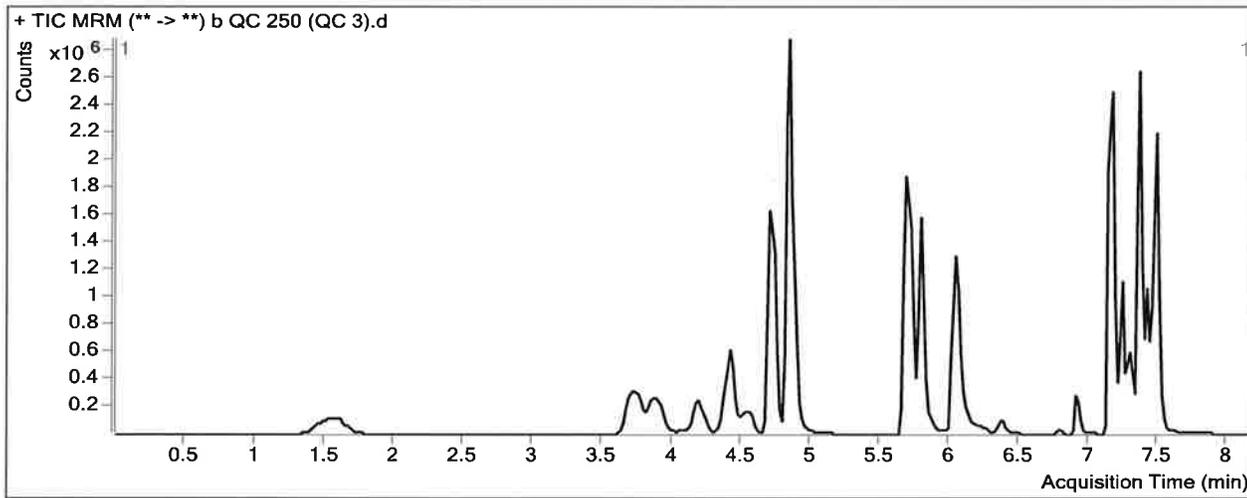
Multi-Drug Confirmatory Analysis Report

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Analysis Time 2/15/2018 1:12 PM **Analyst Name** ISPUser
Report Time 2/15/2018 1:21 PM **Reporter Name** ISPUser
Last Calib Update 2/15/2018 1:12 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 04:13 **Data File** b QC 250 (QC 3).d
Sample Type QC **Sample Name** b QC 250 (QC 3)
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-C2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	1197516	140665	8.5132	264.9614
Dihydrocodeine	Dihydrocodeine-D6	3.735	876564	168812	5.1925	274.7476
Naloxone	Naloxone-D5	3.889	1389837	289113	4.8072	260.9481
Noroxycodone	Noroxycodone-D3	4.199	989953	121322	8.1597	253.0889
Naltrexone	Naltrexone-D3	4.412	1440487	245962	5.8565	262.3656
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	344207	466204	0.7383	25.0564
Naltrexol	Naltrexol-D3	4.709	3618955	545834	6.6301	266.6808
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	8367920	1362093	6.1434	263.8199
Ketamine	Ketamine-D4	5.701	4412440	706435	6.2461	253.2902
Norfentanyl	Norfentanyl-D5	5.742	477626	810641	0.5892	26.2423
alpha-PVP	alpha-PVP-d8	6.047	2938666	447803	6.5624	278.0900
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	81656	202436	0.4034	24.6986
Norbuprenorphine	Norbuprenorphine-D3	6.712	2828	5911	0.4784	23.1199
Fentanyl	Fentanyl-D5	6.800	35240	64861	0.5433	27.4251
EDDP	EDDP-D3	6.910	531865	89490	5.9433	257.4347
Quetiapine	Quetiapine-D8	7.159	4758332	172599	27.5687	256.7940
Sufentanil	Sufentanil-D5	7.158	18581	34947	0.5317	24.7571
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	210324	26129	8.0496	289.2146
Methadone	Methadone-D9	7.242	1654786	240038	6.8939	261.5595

Compound not evaluated -TS

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 250 (QC 3)*

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	340833	55160	6.1790	240.1027
Oxazepam	Oxazepam-D5	7.308	552798	136927	4.0372	240.8295
Sertraline	Sertraline-D3	7.345	158044	24554	6.4366	271.3014
Temazepam	Temazepam-D5	7.367	4118234	904691	4.5521	240.7287
Buprenorphine	Buprenorphine-D4	7.416	52298	37150	1.4078	28.9387
Nordiazepam	Nordiazepam-D5	7.434	1707423	206141	8.2828	262.7220
Diazepam	Diazepam-D5	7.490	2020699	286047	7.0642	264.8732

Compound not evaluated - TS

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

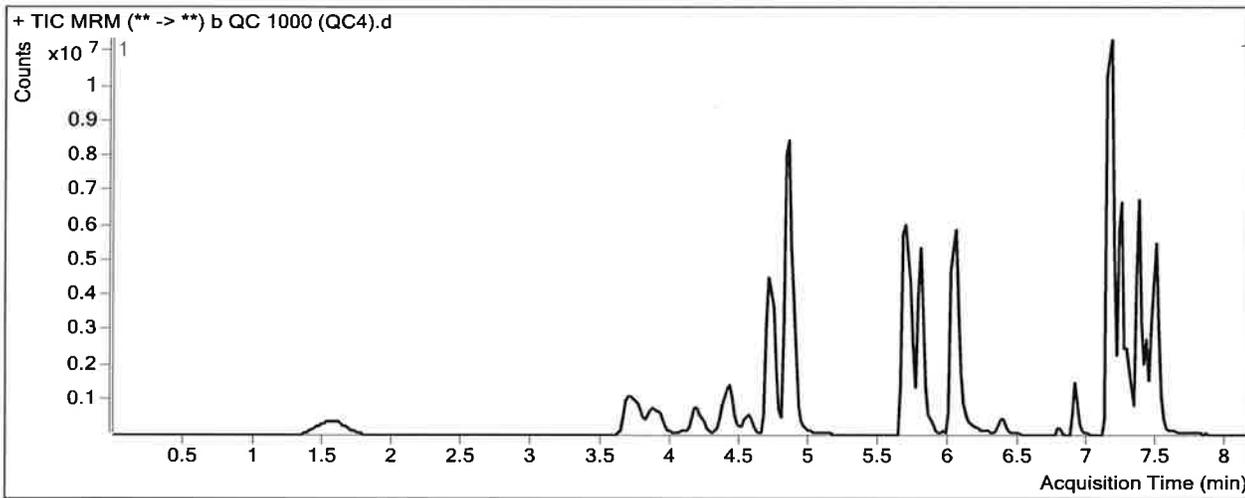
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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.bx
Analysis Time 2/20/2018 1:43 PM **Analyst Name** ISPUser
Report Time 2/20/2018 1:48 PM **Reporter Name** ISPUser
Last Calib Update 2/20/2018 1:42 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-13 07:38 **Data File** b QC 1000 (QC4).d
Sample Type QC **Sample Name** b QC 1000 (QC4)
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-D2 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.588	4419657	141098	31.3233	973.1291
Dihydrocodeine	Dihydrocodeine-D6	3.715	3433719	192843	17.8058	941.9992
Naloxone	Naloxone-D5	3.871	4479671	218550	20.4973	1109.4835
Noroxycodone	Noroxycodone-D3	4.199	3310069	107517	30.7863	952.5949
Naltrexone	Naltrexone-D3	4.412	3950859	188870	20.9184	936.7398
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	1458782	493134	2.9582	100.2272
Naltrexol	Naltrexol-D3	4.709	12136955	502375	24.1592	973.1708
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	31621992	1403097	22.5373	967.8058
Ketamine	Ketamine-D4	5.701	18710518	771655	24.2473	982.0022
Norfentanyl	Norfentanyl-D5	5.742	2031516	806591	2.5186	110.7661
alpha-PVP	alpha-PVP-d8	6.047	13563720	585167	23.1792	980.9457
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	703041	439373	1.6001	97.6837
Norbuprenorphine	Norbuprenorphine-D3	6.712	15049	8668	1.7361	83.3616
Fentanyl	Fentanyl-D5	6.800	319330	153335	2.0826	103.7817
EDDP	EDDP-D3	6.910	2827138	112298	25.1754	1087.7547
Quetiapine	Quetiapine-D8	7.159	22675136	252412	89.8337	838.1396
Sufentanil	Sufentanil-D5	7.158	213952	91918	2.3276	108.6503
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1928257	69219	27.8572	998.3649
Methadone	Methadone-D9	7.242	11623294	453235	25.6452	971.9070

Compound not evaluated - TS

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

b QC 1000 (QC4)

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2572739	121111	21.2427	818.6784
Oxazepam	Oxazepam-D5	7.308	1259928	84395	14.9290	890.2759
Sertraline	Sertraline-D3	7.345	1332845	53096	25.1024	1055.1070
Temazepam	Temazepam-D5	7.367	11406719	599892	19.0146	1004.5478
Buprenorphine	Buprenorphine-D4	7.396	309988	58292	5.3179	107.5115
Nordiazepam	Nordiazepam-D5	7.434	4067820	134637	30.2133	960.1460
Diazepam	Diazepam-D5	7.490	6399476	246458	25.9658	973.0832

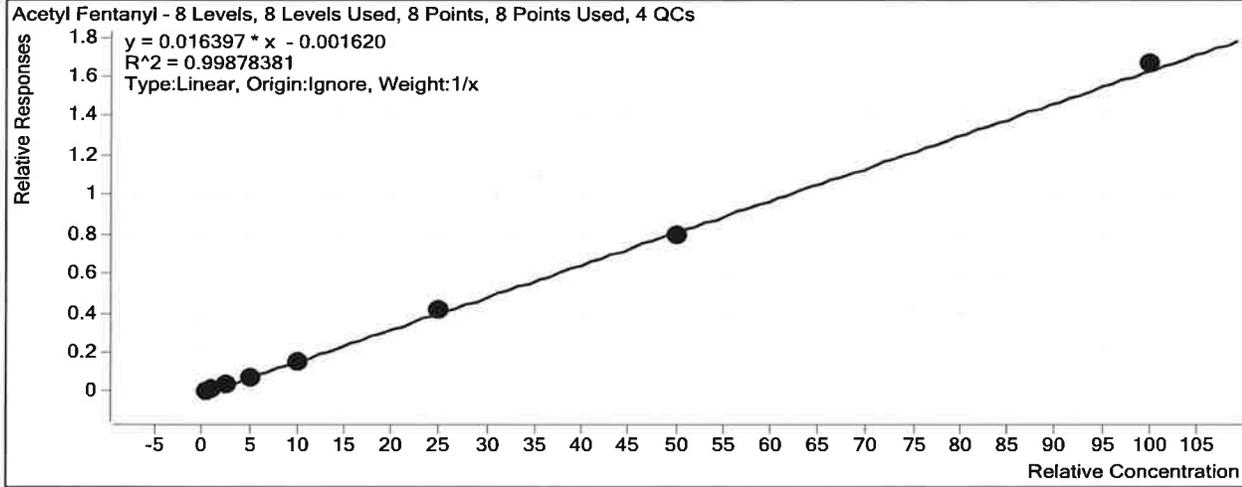
Compound not evaluated
- TS

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



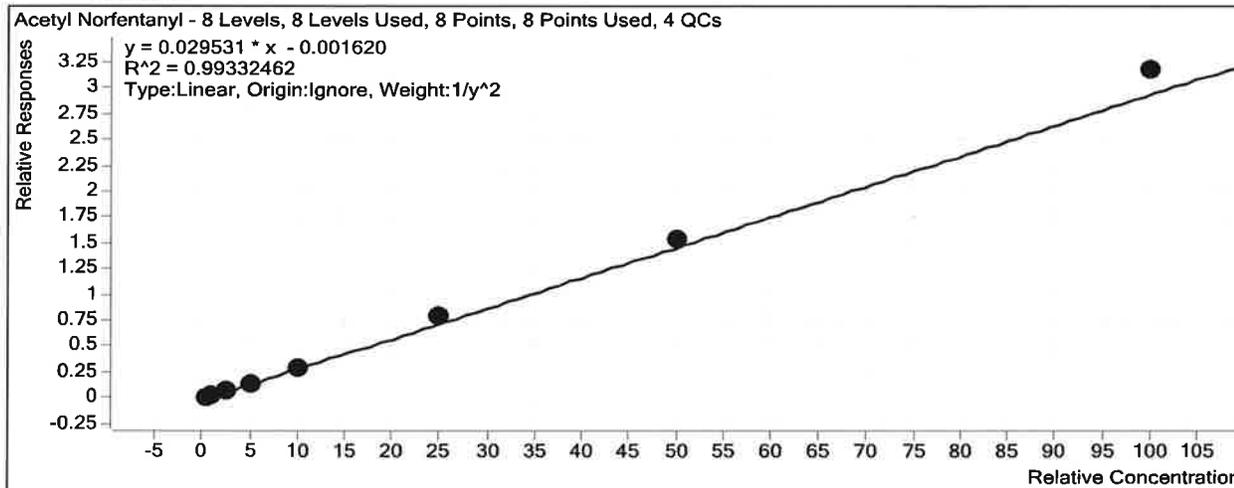
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	97.6
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.1	108.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	89.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	95.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.2	91.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.7	102.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	24.7	98.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.0	98.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.6	101.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	97.7	97.7

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Acetyl Norfentanyl
Internal Standard Acetyl Norfentanyl-D5



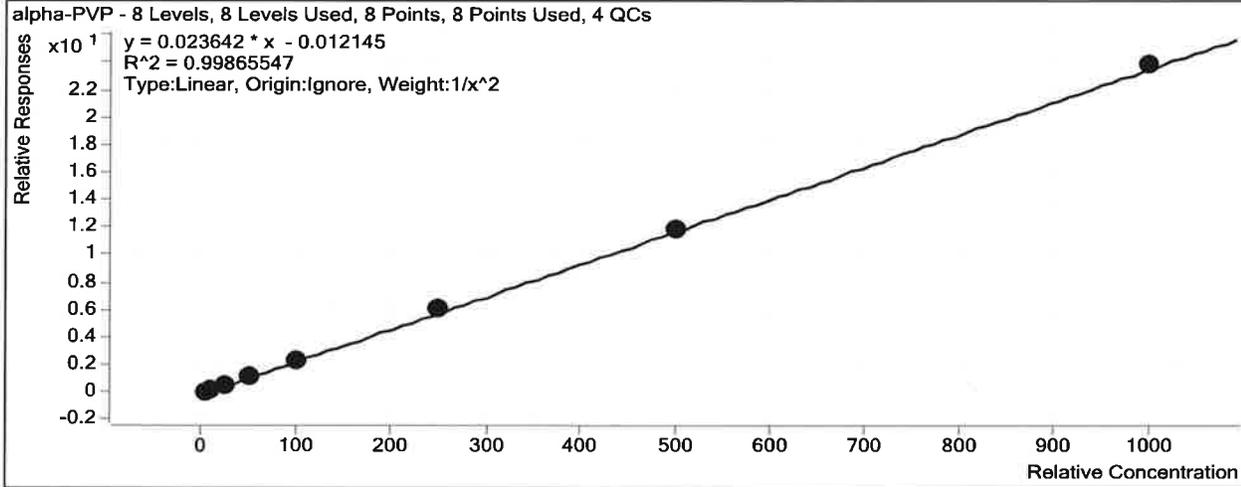
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	92.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.0	98.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	91.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	100.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	96.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.2	91.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	27.1	108.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	25.1	100.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.1	104.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	107.5	107.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	100.2	100.2

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



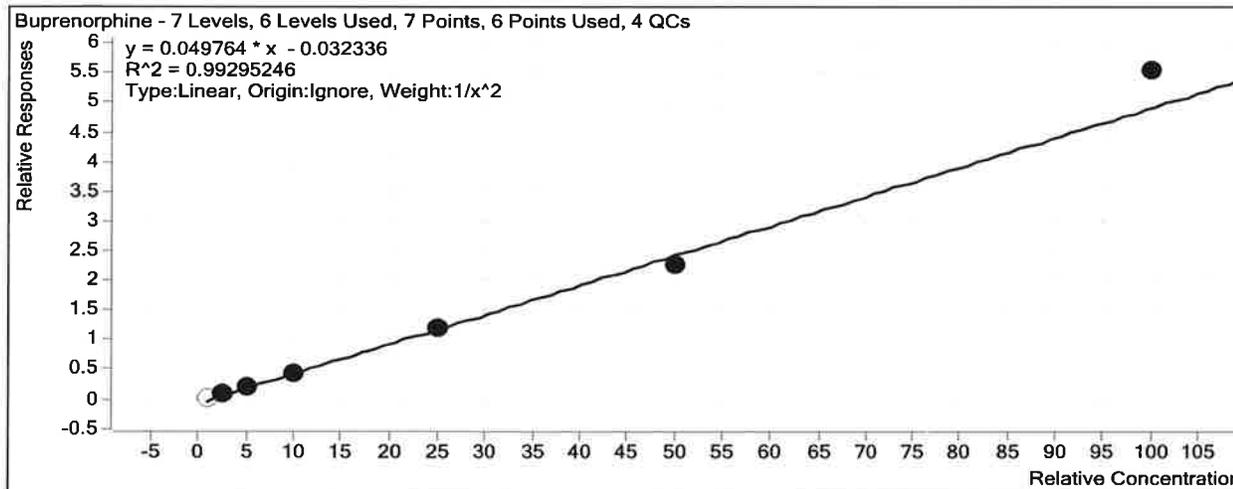
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
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b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.1	100.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	98.3	98.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.4	105.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	278.1	111.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.3	100.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1008.7	100.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	980.9	98.1

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



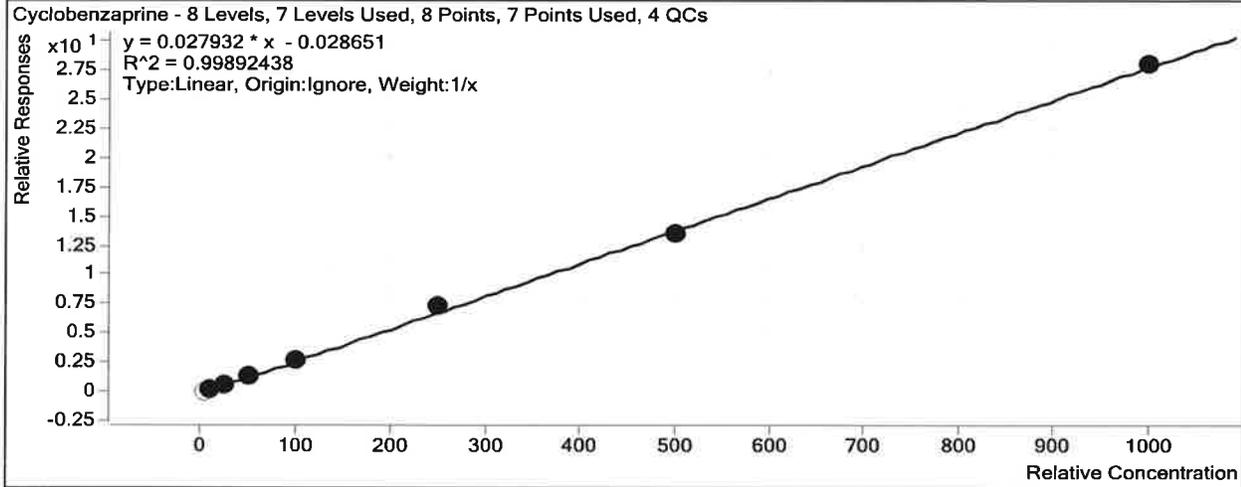
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.0	0.0
b cal 2-10ng	2	<input type="checkbox"/>	1	1.4	142.0
b QC 10 (QC1)	2	<input type="checkbox"/>	1	1.3	131.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	101.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.4
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	8.3	83.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.0	99.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	28.9	115.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	46.2	92.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	111.9	111.9
b QC 1000 (QC4)	8	<input type="checkbox"/>	100	107.5	107.5

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



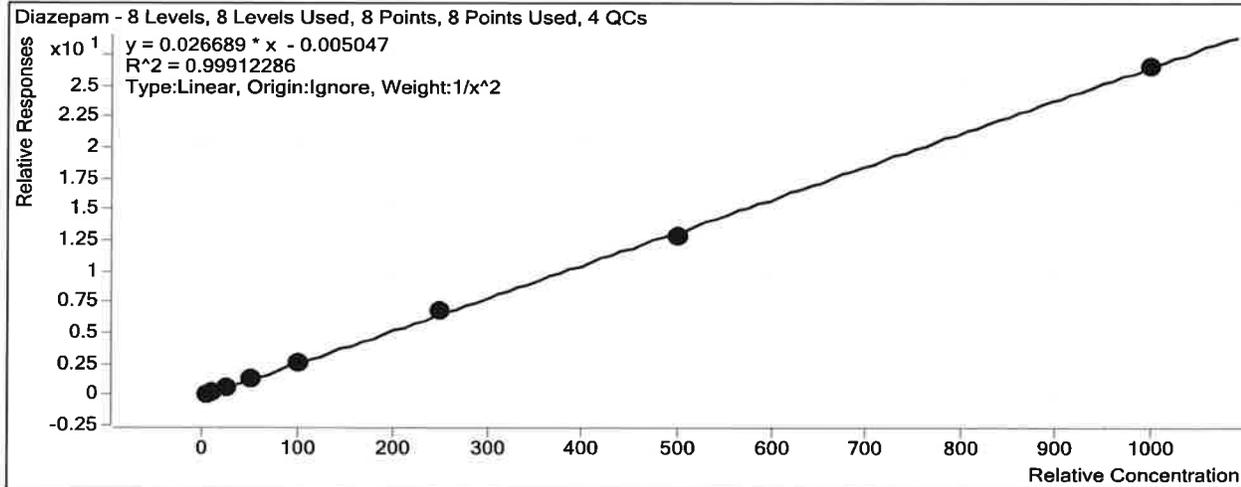
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	5	5.6	112.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.6	94.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.4	108.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.7	96.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.4	105.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	289.2	115.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.4	96.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1002.8	100.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	998.4	99.8

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/15/2018 1:12 PM **Analyst Name** ISP TOX

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



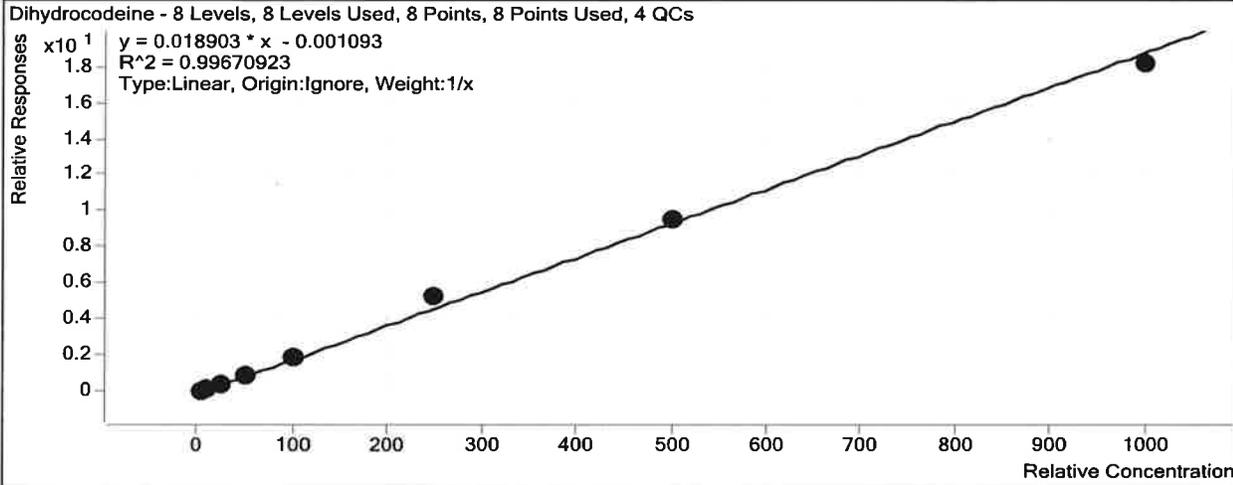
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	5.3	53.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.2	100.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.3	102.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.3	100.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.6	102.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	264.9	105.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	484.9	97.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	993.2	99.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	973.1	97.3

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



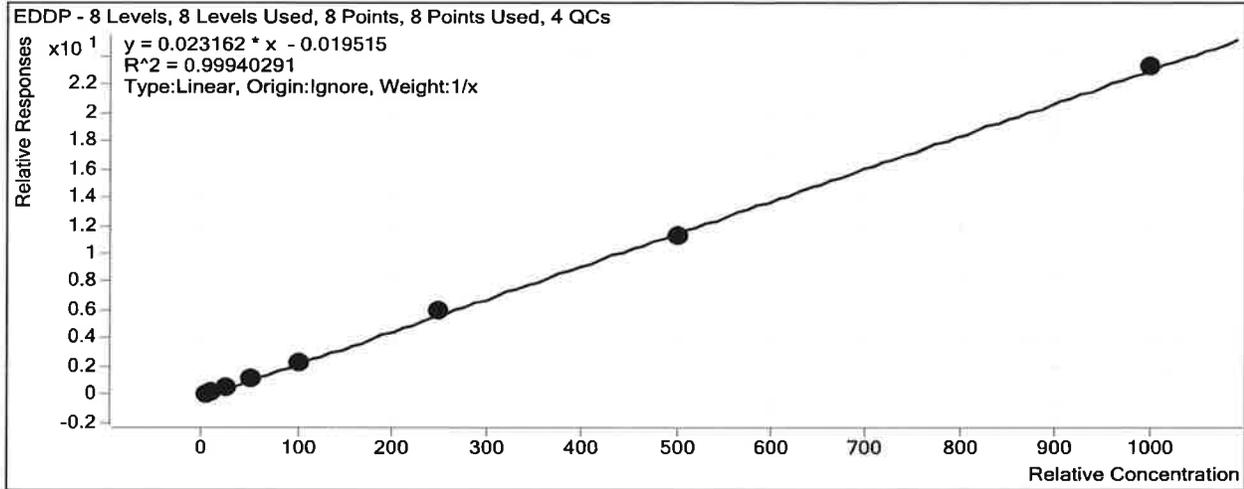
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.8	96.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.1	91.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.7	101.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.5	104.5
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	281.1	112.5
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	274.7	109.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.4	101.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	960.1	96.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	942.0	94.2

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



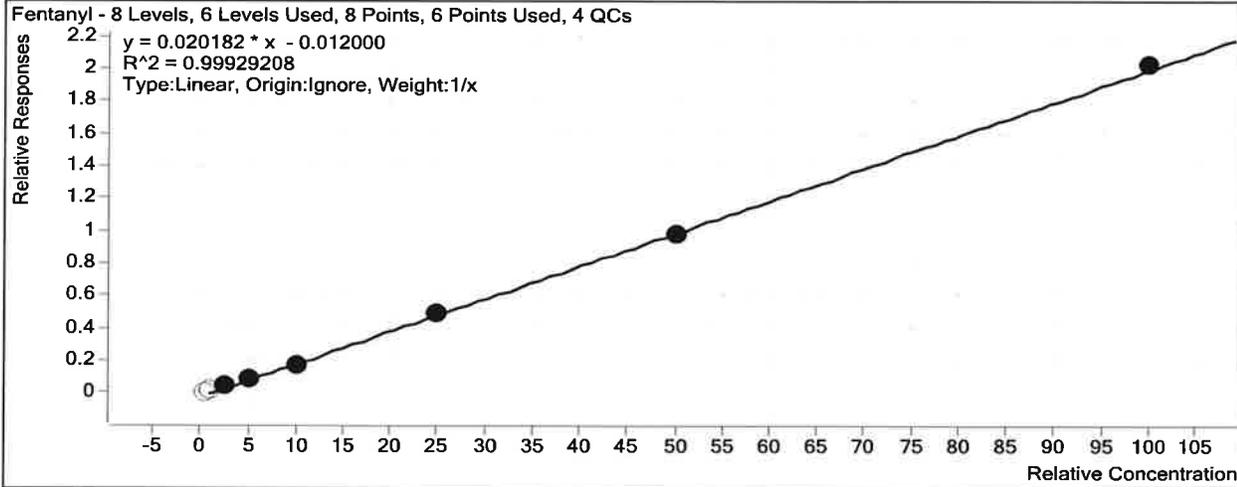
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.8	116.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.8	108.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	21.9	87.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.5	100.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	257.7	103.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	257.4	103.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.9	98.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.2	100.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1087.8	108.8

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/20/2018 1:42 PM **Analyst Name** ISP TOX

Target Compound Fentanyl
Internal Standard Fentanyl-D5



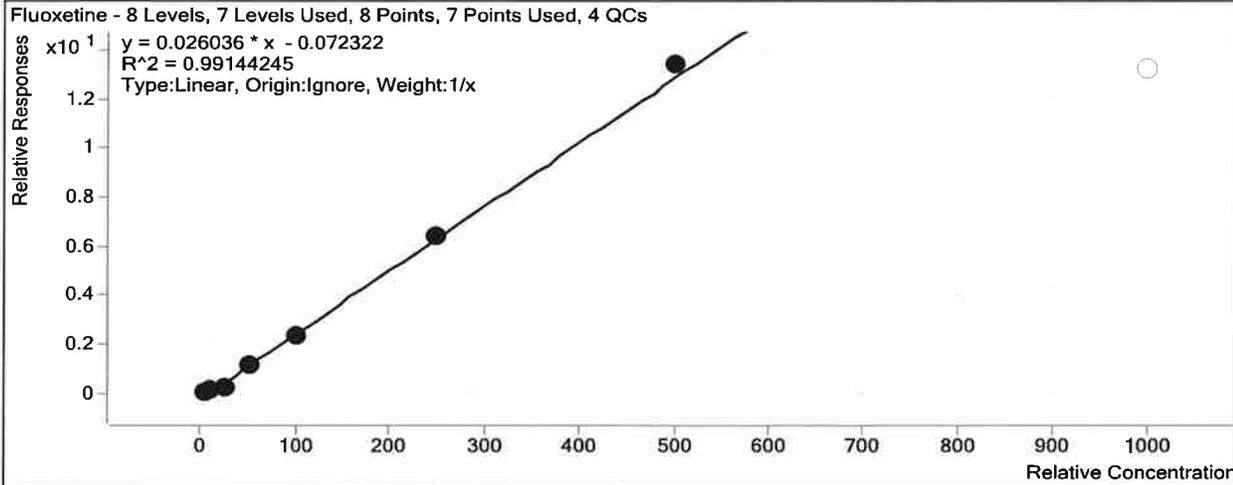
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.1	223.4
b cal 2-10ng	2	<input type="checkbox"/>	1	1.5	146.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.4	143.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	105.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.1	102.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.1	91.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.2	100.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	27.5	110.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.5	99.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.9	100.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	103.8	103.8

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **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	7.4	147.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	104.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	11.3	113.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	14.2	57.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	91.4	91.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.2	100.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.1	96.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	517.3	103.5
b cal 8-1000ng	8	<input type="checkbox"/>	1000	510.4	51.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	818.7	81.9

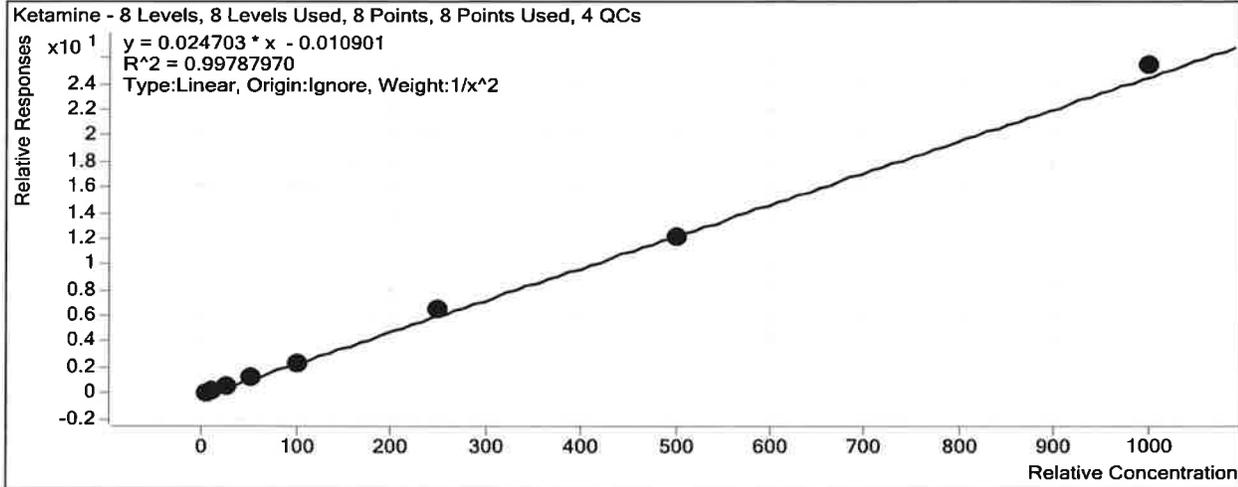
* Compound not evaluated. - TS

ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Ketamine
Internal Standard Ketamine-D4



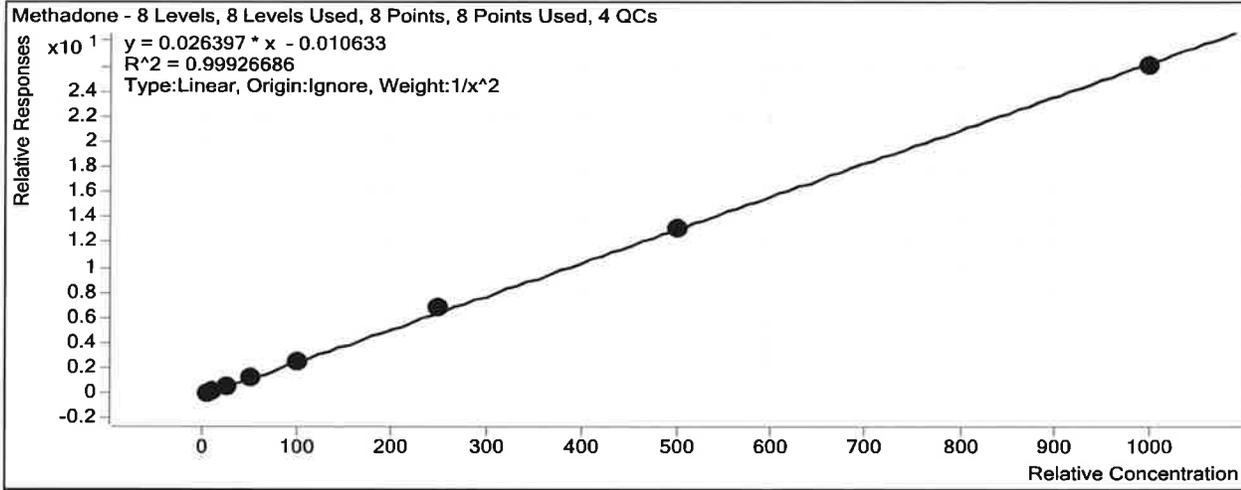
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	103.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	101.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	94.7	94.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.5	105.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	253.3	101.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.9	98.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1030.8	103.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	982.0	98.2

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Methadone
Internal Standard Methadone-D9



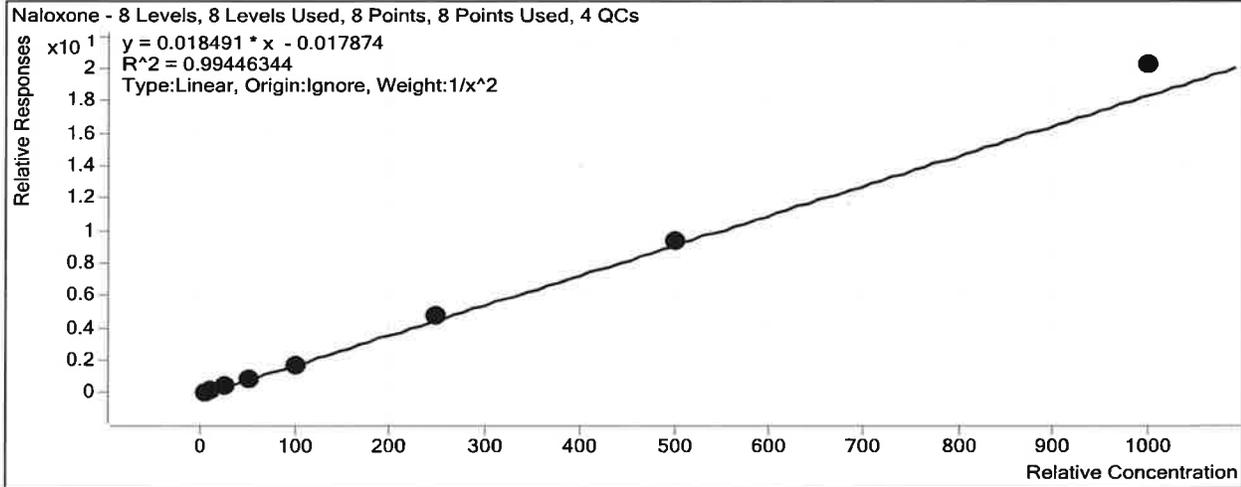
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.4	103.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.8	105.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	261.6	104.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.2	99.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	986.0	98.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	971.9	97.2

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



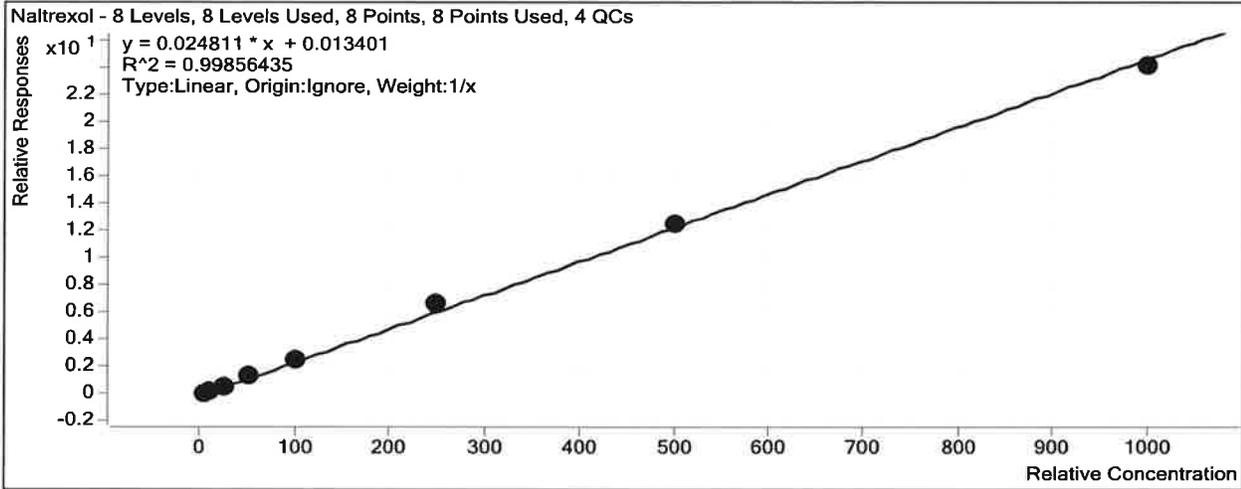
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	96.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.4	89.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.3	95.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.6	95.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.1	104.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	260.9	104.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.6	102.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1095.8	109.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1109.5	110.9

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Naltrexol
Internal Standard Naltrexol-D3



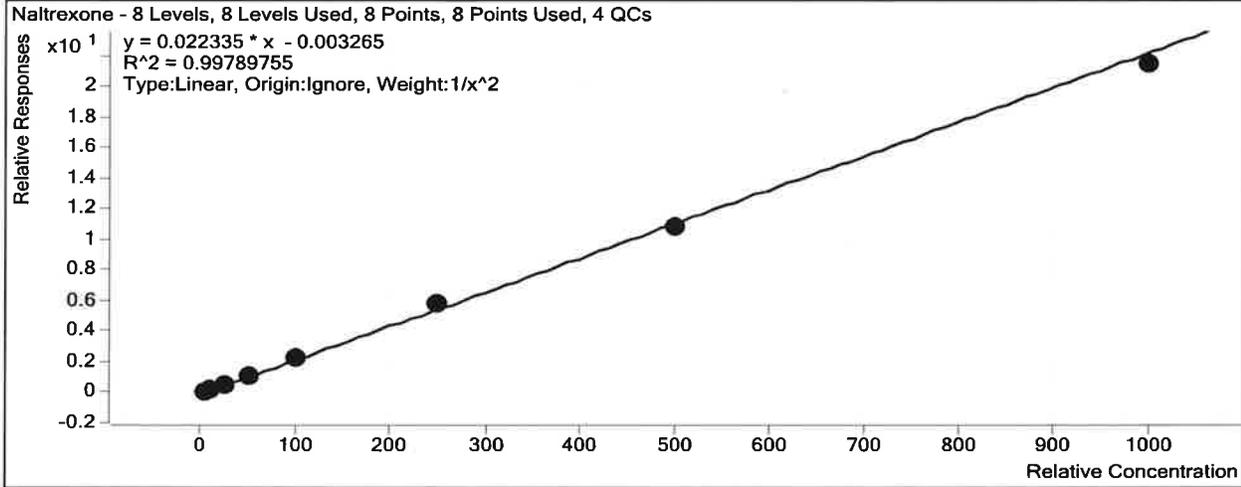
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.6	92.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.4
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.9	107.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.0	103.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	268.2	107.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	266.7	106.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.9	100.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	973.3	97.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	973.2	97.3

ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Naltrexone
Internal Standard Naltrexone-D3



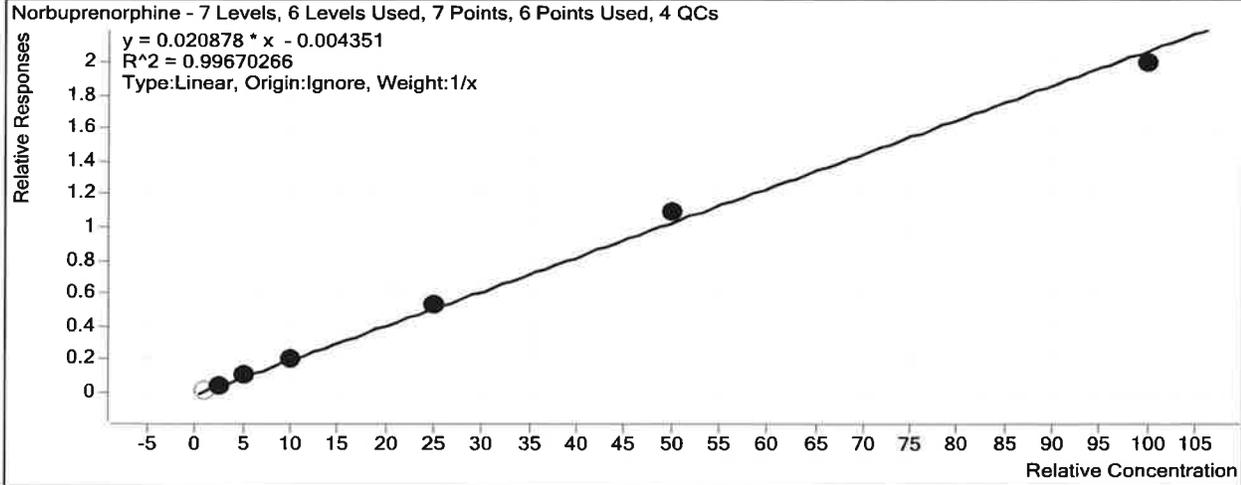
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	93.5
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	99.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.8	102.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.2	103.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.4	104.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	485.5	97.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	960.8	96.1
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	936.7	93.7

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **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	0.0	0.0
b cal 2-10ng	2	<input type="checkbox"/>	1	1.0	100.3
b QC 10 (QC1)	2	<input type="checkbox"/>	1	1.4	140.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.1	84.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.4	108.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	10.2	102.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.4	94.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.9	103.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	23.1	92.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	53.0	105.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	95.9	95.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	83.4	83.4

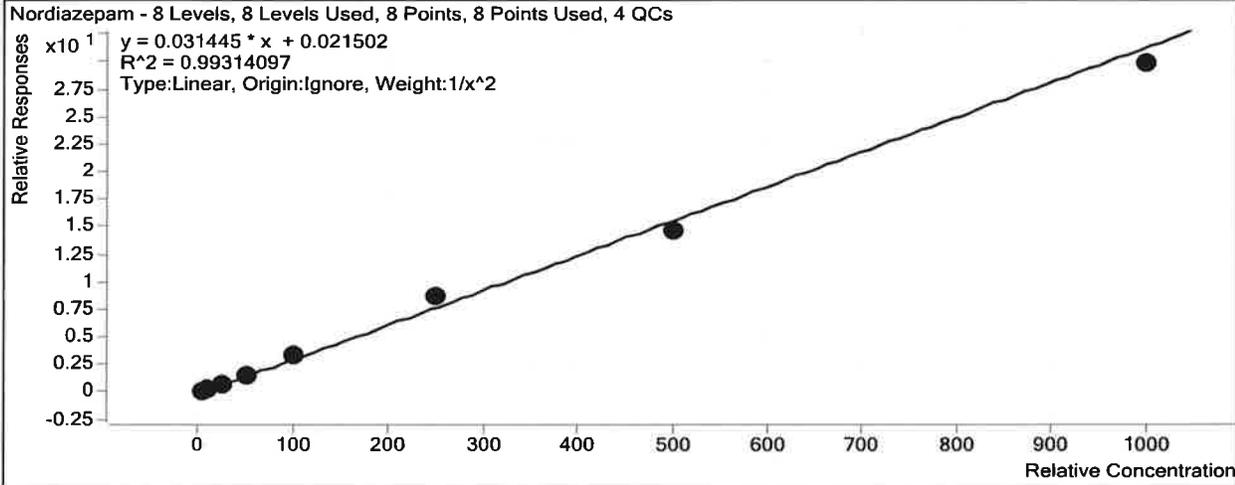
* Compound not evaluated - TS

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



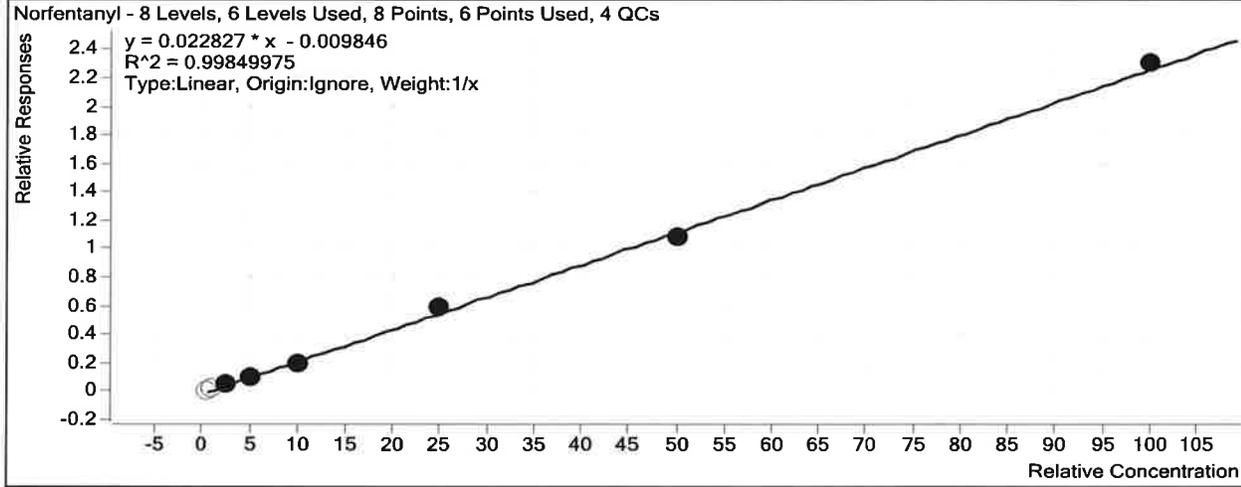
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.0	100.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.3	109.3
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.2	100.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	277.4	111.0
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	262.7	105.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	464.6	92.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	946.8	94.7
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	960.1	96.0

ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



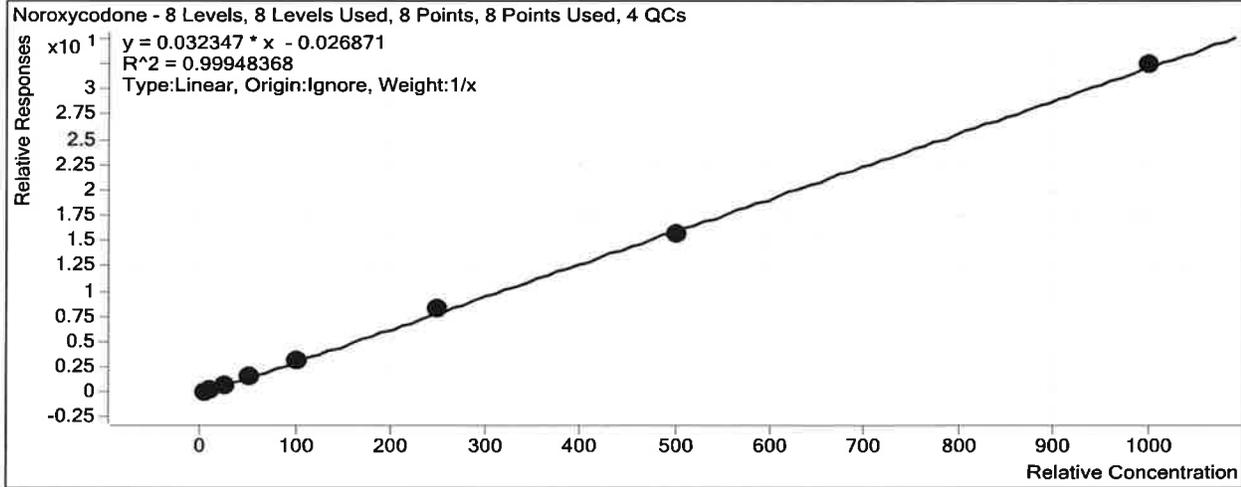
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.9	171.1
b cal 2-10ng	2	<input type="checkbox"/>	1	1.2	117.8
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	1.2	120.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.7	106.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.9	98.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.3	92.8
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	9.4	94.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.2	104.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	26.2	105.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.0	96.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.4	101.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	110.8	110.8

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



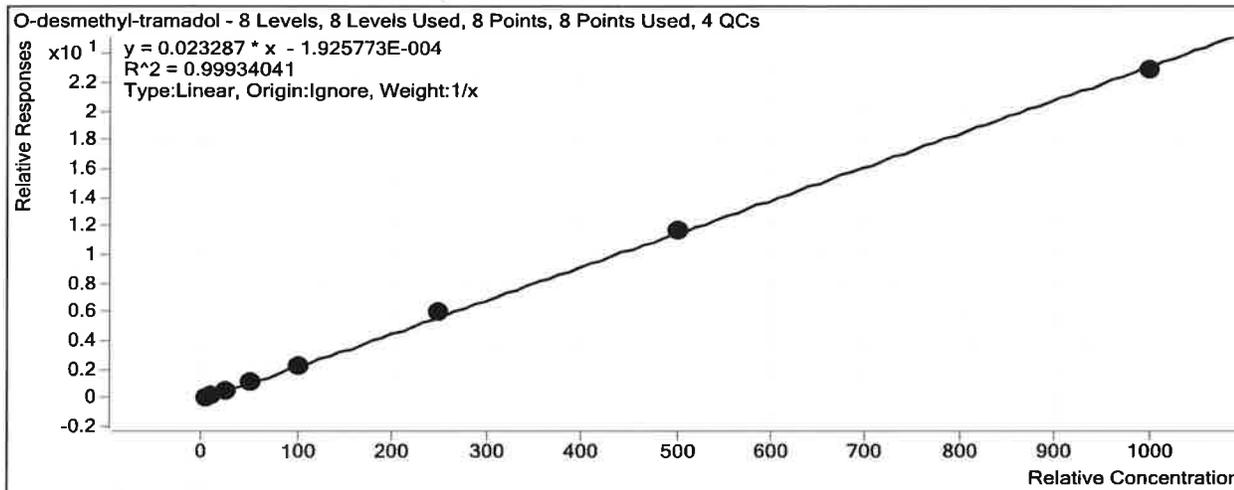
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.3	106.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.4
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.1	101.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.6	96.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.1	104.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	253.1	101.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	487.2	97.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1003.9	100.4
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	952.6	95.3

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

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



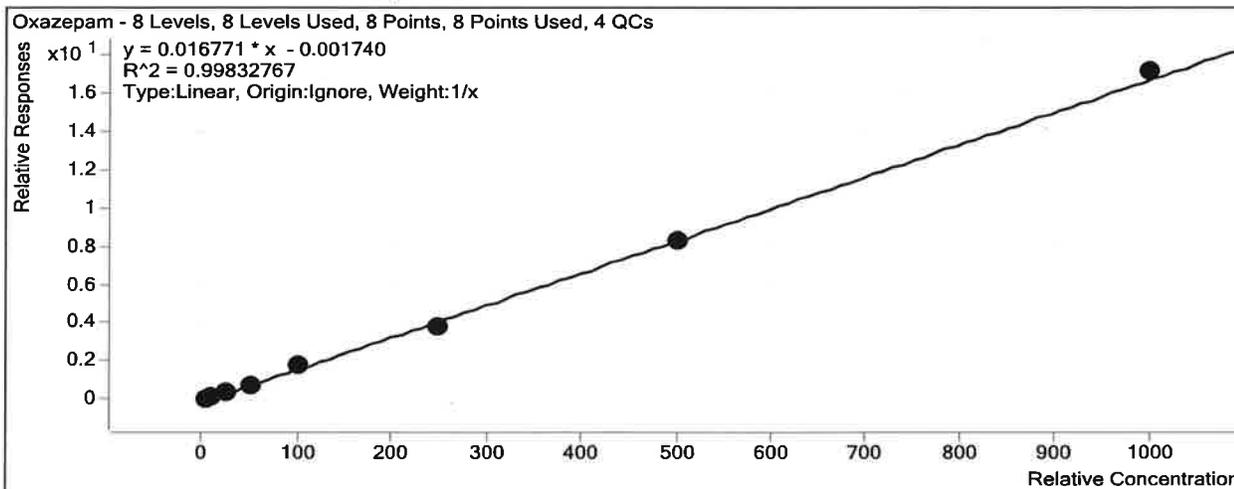
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	10.2	102.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.1	102.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	100.9	100.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	263.1	105.3
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	263.8	105.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.1	101.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	982.8	98.3
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	967.8	96.8

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/20/2018 1:42 PM **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	5.3	105.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.7	91.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.9	105.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	229.0	91.6
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.8	96.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.6	99.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.5	102.0
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	890.3	89.0

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel

1b 021318 TS.batch.bin

Last Calib Update

2/14/2018 1:52 PM

Analyst Name

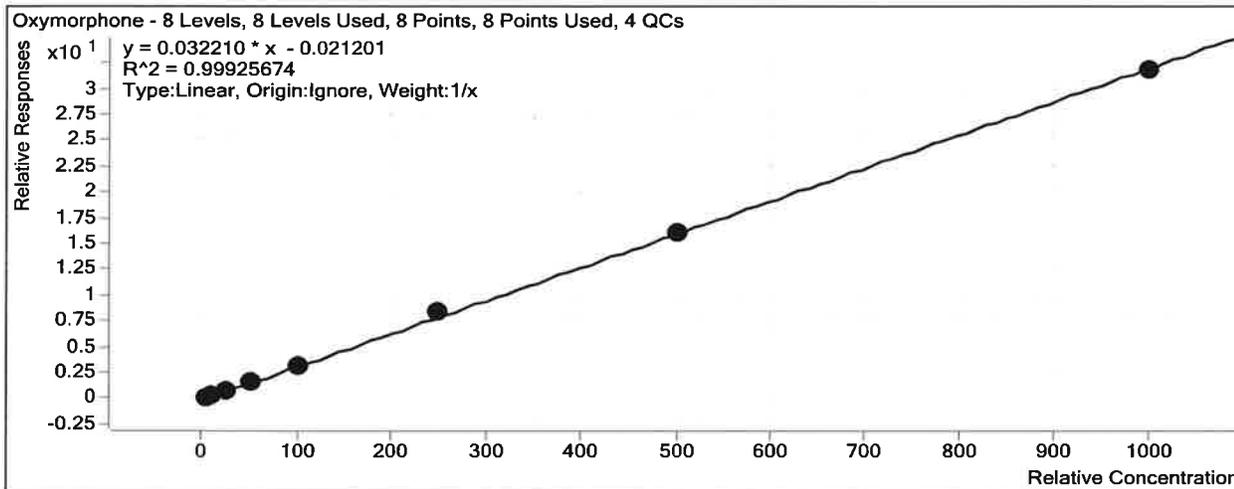
ISP TOX

Target Compound

Oxymorphone

Internal Standard

Oxymorphone-D3



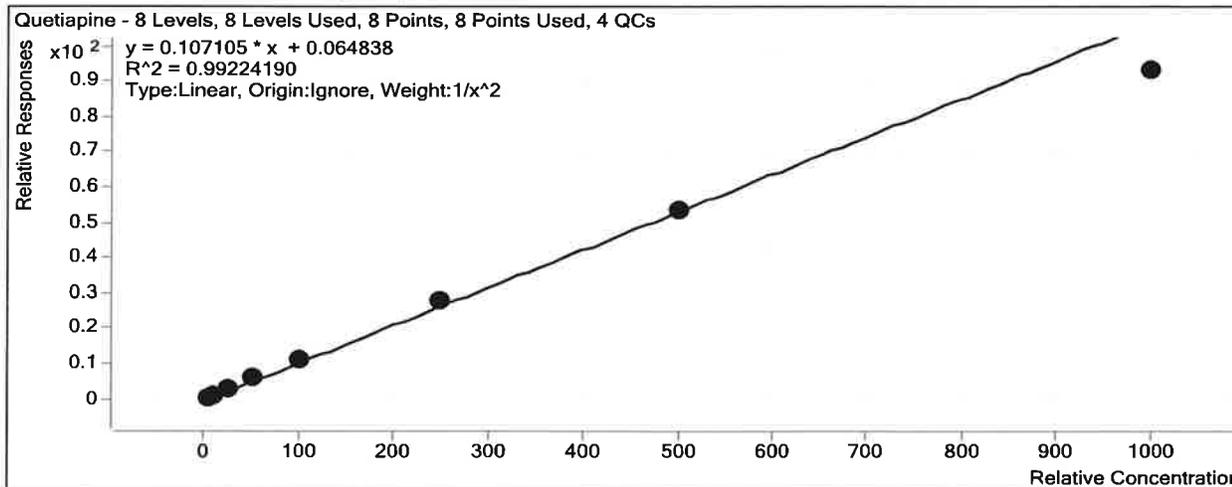
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.5	109.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.8	98.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	90.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.5	100.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.0	98.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	264.3	105.7
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	265.0	106.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	501.7	100.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.8	98.8
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	973.1	97.3

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Quetiapine
Internal Standard Quetiapine-D8



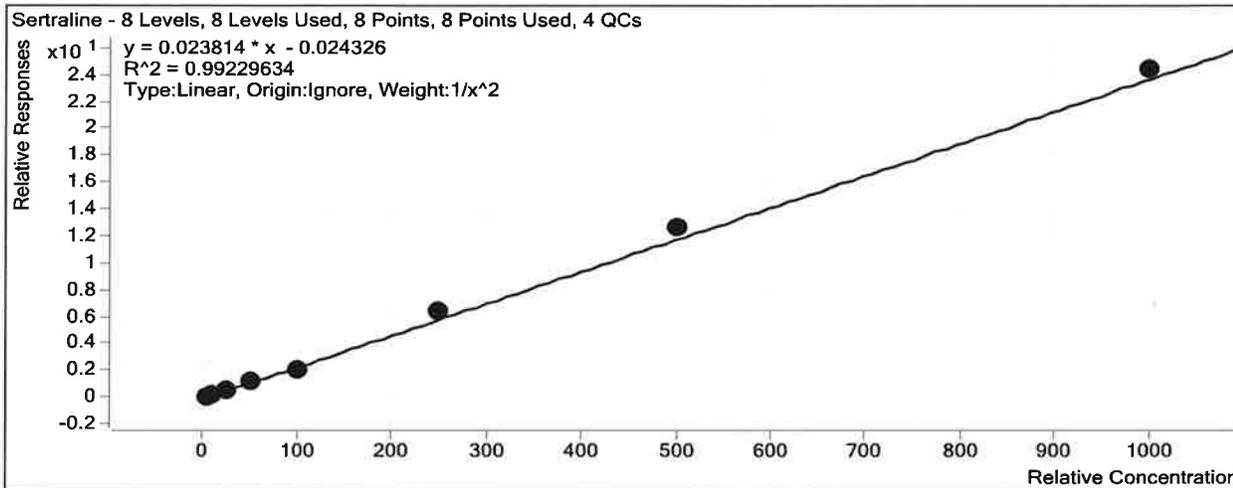
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.4	94.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.9	98.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.8	95.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	55.6	111.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	106.0	106.0
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	103.6	103.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.9	104.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	256.8	102.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.9	99.6
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	869.1	86.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	838.1	83.8

ISP Forensics Calibration Curve Report

KS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



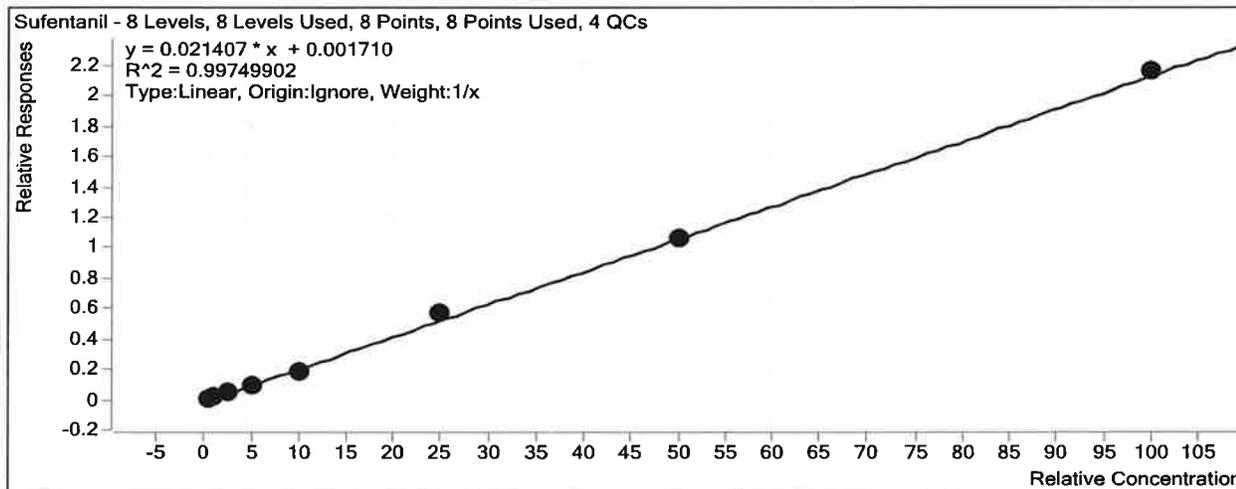
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.2
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.7	97.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.5	89.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	86.9	86.9
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	99.2	99.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	270.9	108.4
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	271.3	108.5
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	535.1	107.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1024.8	102.5
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1055.1	105.5

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/14/2018 1:52 PM **Analyst Name** ISP TOX

Target Compound Sufentanil
Internal Standard Sufentanil-D5



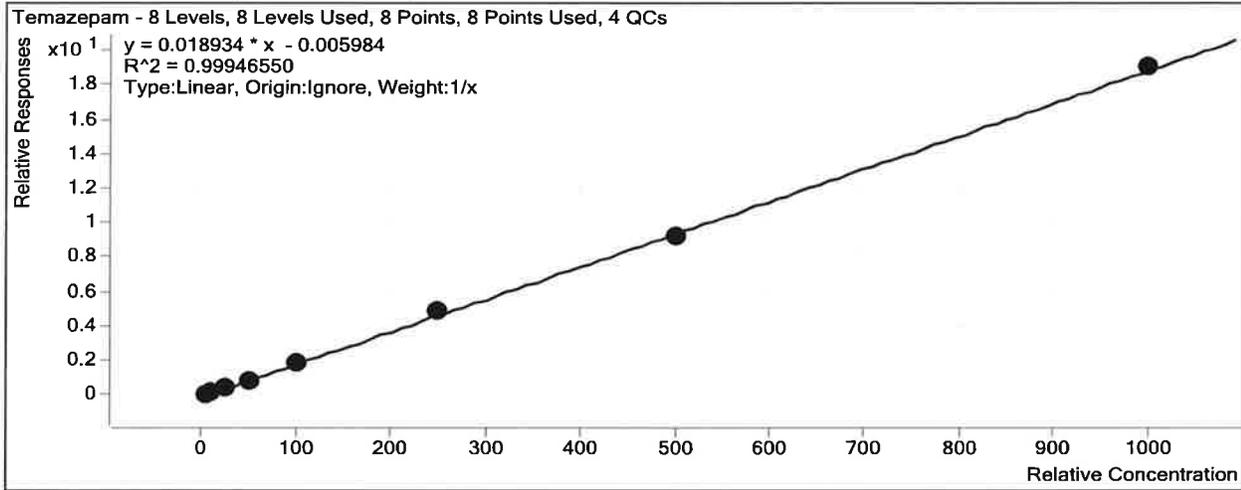
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	119.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.1
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	1	0.7	70.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.3	93.5
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	8.4	83.7
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	10	10.0	100.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	26.7	106.8
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	25	24.8	99.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.4	98.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.9	100.9
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	100	108.7	108.7

ISP Forensics Calibration Curve Report

TS

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.batch.bin
Last Calib Update 2/15/2018 1:12 PM **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	5.3	106.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.7
b QC 10 (QC1)	2	<input checked="" type="checkbox"/>	10	9.6	95.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.5	95.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b QC 100 (QC2)	5	<input checked="" type="checkbox"/>	100	95.2	95.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.4	104.1
b QC 250 (QC 3)	6	<input checked="" type="checkbox"/>	250	240.7	96.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.4	98.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.5	100.6
b QC 1000 (QC4)	8	<input checked="" type="checkbox"/>	1000	1004.5	100.5

15

ISP FORENSICS - Pocatello Instrument # 59740

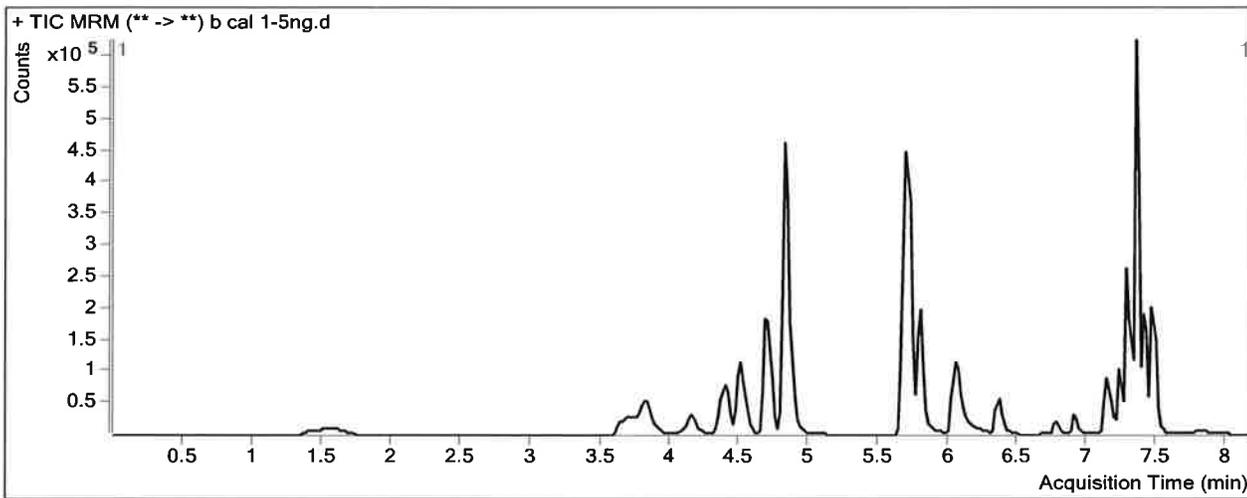
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.br
Analysis Time 2/14/2018 1:52 PM **Analyst Name** ISPUser
Report Time 2/14/2018 1:57 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 14:19 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-A1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	21802	140820	0.1548	5.4648
Dihydrocodeine	Dihydrocodeine-D6	3.735	15803	175621	0.0900	4.8181
Naloxone	Naloxone-D5	3.889	28304	359598	0.0787	5.2235
Noroxycodone	Noroxycodone-D3	4.199	21063	144413	0.1459	5.3398
Naltrexone	Naltrexone-D3	4.412	32229	289216	0.1114	5.1355
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	6695	475704	0.0141	0.5315
Naltrexol	Naltrexol-D3	4.709	72475	563979	0.1285	4.6392
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	172093	1460670	0.1178	5.0676
Ketamine	Ketamine-D4	5.701	89944	768643	0.1170	5.1783
Norfentanyl	Norfentanyl-D5	5.722	7676	792481	0.0097	0.8557
alpha-PVP	alpha-PVP-d8	6.047	53073	484484	0.1095	5.1473
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	1563	182372	0.0086	0.6214
Fentanyl	Fentanyl-D5	6.800	706	66936	0.0105	0.6462
EDDP	EDDP-D3	6.930	9203	79714	0.1155	5.8271
Quetiapine	Quetiapine-D8	7.138	75715	123471	0.6132	5.1201
Sufentanil	Sufentanil-D5	7.158	499	34424	0.0145	0.5978
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	3577	27874	0.1283	5.6199
Methadone	Methadone-D9	7.222	25714	209298	0.1229	5.0570
Fluoxetine	Fluoxetine-D6	7.284	7962	66648	0.1195	7.3663

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

B

b cal 1-5ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxazepam	Oxazepam-D5	7.308	42314	489486	0.0864	5.2582
Sertraline	Sertraline-D3	7.345	2794	29079	0.0961	5.0567
Temazepam	Temazepam-D5	7.347	115673	1219599	0.0948	5.3251
Nordiazepam	Nordiazepam-D5	7.434	66916	370883	0.1804	5.0540
Diazepam	Diazepam-D5	7.490	45664	349331	0.1307	5.0869

AS

ISP FORENSICS - Pocatello Instrument # 59740

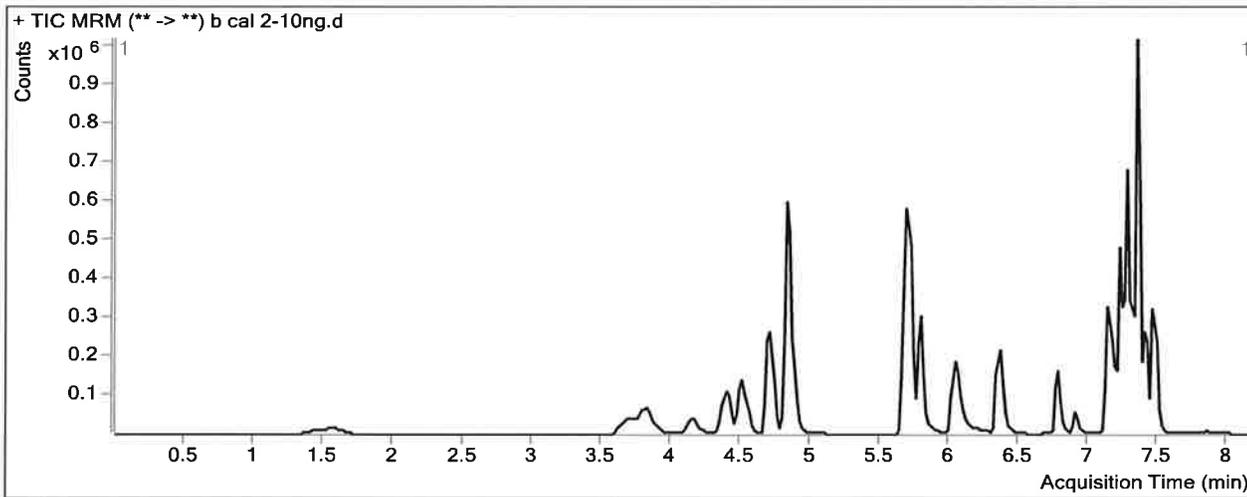
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 1:57 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 14:50 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-B1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	49284	169502	0.2908	9.6852
Dihydrocodeine	Dihydrocodeine-D6	3.735	35378	206799	0.1711	9.1078
Naloxone	Naloxone-D5	3.889	70825	444867	0.1592	9.5767
Noroxycodone	Noroxycodone-D3	4.199	49941	175216	0.2850	9.6423
Naltrexone	Naltrexone-D3	4.412	74790	363951	0.2055	9.3469
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	14809	574677	0.0258	0.9275
Naltrexol	Naltrexol-D3	4.709	173359	714565	0.2426	9.2379
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	392846	1761011	0.2231	9.5878
Ketamine	Ketamine-D4	5.701	209044	952110	0.2196	9.3293
Norfentanyl	Norfentanyl-D5	5.742	18366	1077352	0.0170	1.1781
alpha-PVP	alpha-PVP-d8	6.047	139319	651791	0.2137	9.5548
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	10283	715244	0.0144	0.9756
Norbuprenorphine	Norbuprenorphine-D3	6.692	300	18107	0.0166	1.0031
Fentanyl	Fentanyl-D5	6.780	8637	493534	0.0175	0.9959
EDDP	EDDP-D3	6.910	25126	128074	0.1962	9.3124
Quetiapine	Quetiapine-D8	7.138	264144	246058	1.0735	9.4175
Sufentanil	Sufentanil-D5	7.158	7981	338646	0.0236	1.0211
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	59119	241968	0.2443	9.7730
Methadone	Methadone-D9	7.222	201747	808787	0.2494	9.8524

15

b cal 2-10ng

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	151718	761297	0.1993	10.4321
Oxazepam	Oxazepam-D5	7.308	89789	538837	0.1666	10.0397
Sertraline	Sertraline-D3	7.345	62210	284061	0.2190	10.2176
Temazepam	Temazepam-D5	7.367	272881	1477920	0.1846	10.0675
Buprenorphine	Buprenorphine-D4	7.396	6842	178612	0.0383	1.4196
Nordiazepam	Nordiazepam-D5	7.434	147789	438782	0.3368	10.0275
Diazepam	Diazepam-D5	7.490	113341	453094	0.2501	9.5617

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

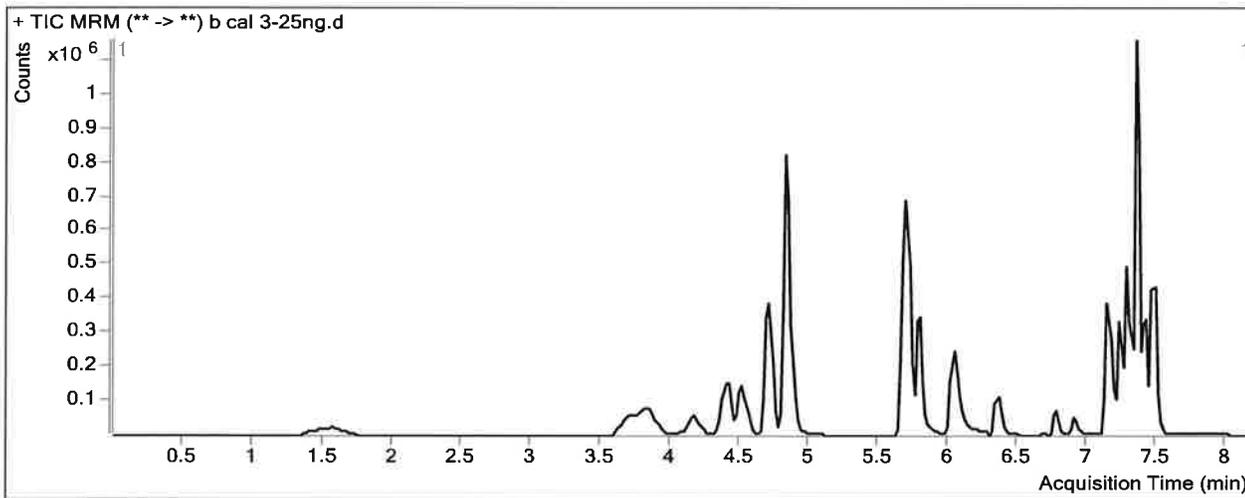
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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 15:22 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-C1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	128163	182042	0.7040	22.5158
Dihydrocodeine	Dihydrocodeine-D6	3.735	97057	211992	0.4578	24.2777
Naloxone	Naloxone-D5	3.871	178020	449062	0.3964	22.4058
Noroxycodone	Noroxycodone-D3	4.199	131141	174721	0.7506	24.0350
Naltrexone	Naltrexone-D3	4.412	204494	367405	0.5566	25.0668
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	38698	588521	0.0658	2.2815
Naltrexol	Naltrexol-D3	4.709	461437	737301	0.6258	24.6840
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	1043571	1827550	0.5710	24.5291
Ketamine	Ketamine-D4	5.701	566993	947315	0.5985	24.6704
Norfentanyl	Norfentanyl-D5	5.722	48036	946331	0.0508	2.6550
alpha-PVP	alpha-PVP-d8	6.047	333544	600989	0.5550	23.9887
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	13365	381326	0.0350	2.2363
Norbuprenorphine	Norbuprenorphine-D3	6.692	397	10025	0.0396	2.1059
Fentanyl	Fentanyl-D5	6.780	9102	220825	0.0412	2.1880
EDDP	EDDP-D3	6.910	47258	96809	0.4882	21.9181
Quetiapine	Quetiapine-D8	7.138	500913	191268	2.6189	23.8464
Sufentanil	Sufentanil-D5	7.158	7859	151876	0.0517	2.3372
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	67213	106737	0.6297	23.5705
Methadone	Methadone-D9	7.222	273010	428700	0.6368	24.5276

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

b cal 3-25ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	102689	344150	0.2984	14.2382
Oxazepam	Oxazepam-D5	7.308	202423	466286	0.4341	25.9890
Sertraline	Sertraline-D3	7.345	80050	156712	0.5108	22.4711
Temazepam	Temazepam-D5	7.367	709531	1534495	0.4624	24.7364
Buprenorphine	Buprenorphine-D4	7.396	8649	91557	0.0945	2.5480
Nordiazepam	Nordiazepam-D5	7.434	307830	417002	0.7382	22.7921
Diazepam	Diazepam-D5	7.490	297900	446336	0.6674	25.1967

TS

ISP FORENSICS - Pocatello Instrument # 59740

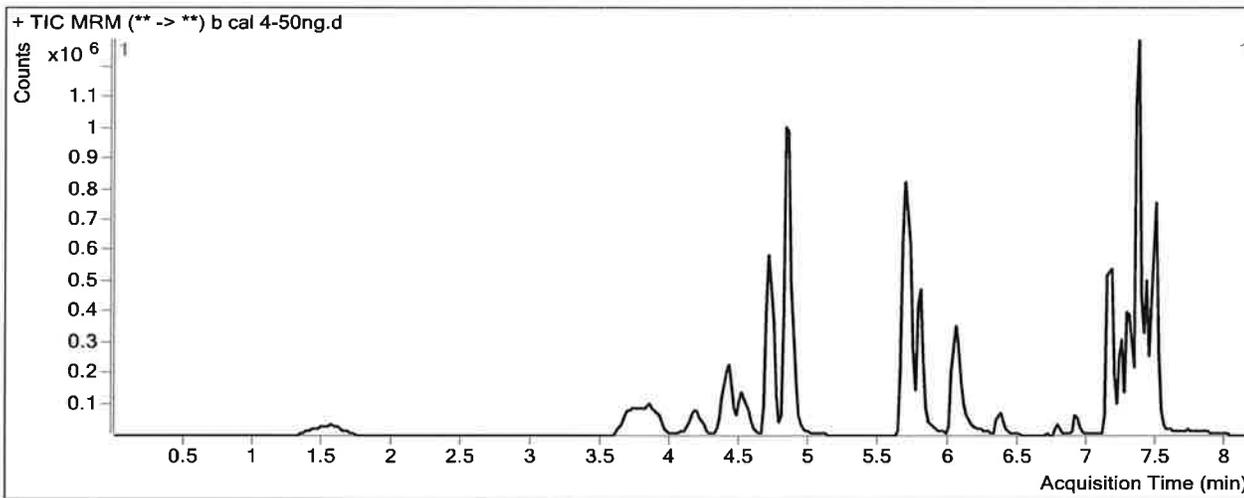
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 15:53 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-D1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	263884	164503	1.6041	50.4605
Dihydrocodeine	Dihydrocodeine-D6	3.735	194035	202645	0.9575	50.7111
Naloxone	Naloxone-D5	3.889	362952	409226	0.8869	48.9326
Noroxycodone	Noroxycodone-D3	4.199	252284	159965	1.5771	49.5878
Naltrexone	Naltrexone-D3	4.412	394877	343536	1.1494	51.6113
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	80947	552406	0.1465	5.0170
Naltrexol	Naltrexol-D3	4.709	934353	691369	1.3515	53.9288
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	2041600	1714783	1.1906	51.1346
Ketamine	Ketamine-D4	5.701	1110619	898477	1.2361	50.4808
Norfentanyl	Norfentanyl-D5	5.722	97467	947766	0.1028	4.9364
alpha-PVP	alpha-PVP-d8	6.047	645531	550604	1.1724	50.1040
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.378	17477	228393	0.0765	4.7655
Norbuprenorphine	Norbuprenorphine-D3	6.692	650	5990	0.1085	5.4034
Fentanyl	Fentanyl-D5	6.780	9550	104318	0.0915	4.7176
EDDP	EDDP-D3	6.910	95233	82059	1.1605	50.9476
Quetiapine	Quetiapine-D8	7.159	1005466	167120	6.0164	55.5680
Sufentanil	Sufentanil-D5	7.158	6856	66467	0.1032	4.7386
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	64584	43331	1.4905	54.3876
Methadone	Methadone-D9	7.242	361746	280554	1.2894	49.2484

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

b cal 4-50ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	163287	140525	1.1620	47.4077
Oxazepam	Oxazepam-D5	7.308	279380	365306	0.7648	45.7055
Sertraline	Sertraline-D3	7.345	74576	62623	1.1909	51.0283
Temazepam	Temazepam-D5	7.367	1316980	1474062	0.8934	47.5017
Buprenorphine	Buprenorphine-D4	7.396	12857	60301	0.2132	4.9343
Nordiazepam	Nordiazepam-D5	7.434	581066	365913	1.5880	49.8168
Diazepam	Diazepam-D5	7.490	559153	409922	1.3640	51.2977

TS

ISP FORENSICS - Pocatello Instrument # 59740

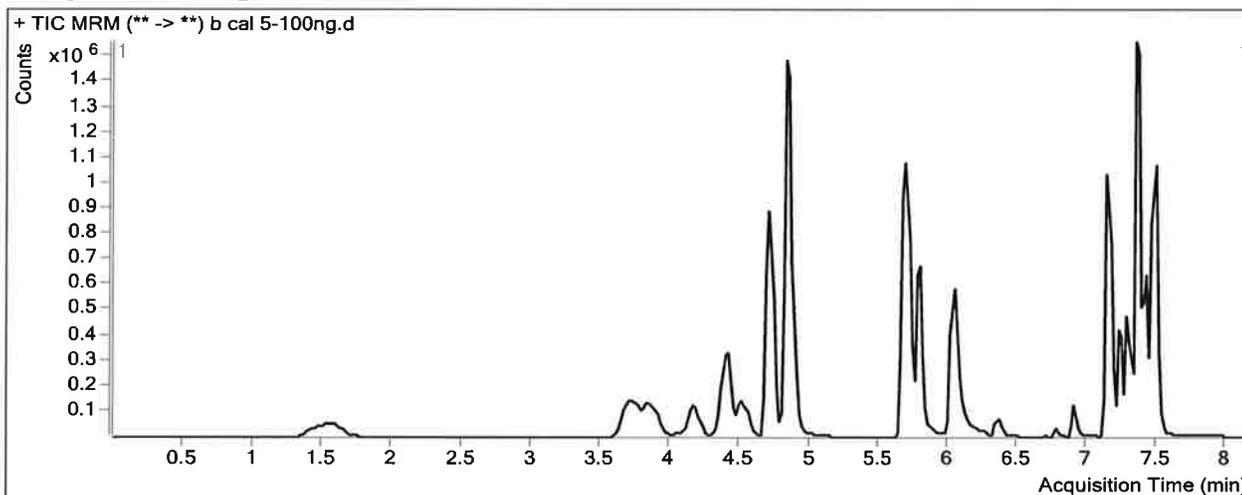
Multi-Drug Confirmatory Analysis Report

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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 16:25 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-E1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	490140	156298	3.1359	98.0171
Dihydrocodeine	Dihydrocodeine-D6	3.735	373896	189395	1.9742	104.4925
Naloxone	Naloxone-D5	3.871	639285	366391	1.7448	95.3283
Noroxycodone	Noroxycodone-D3	4.179	449769	141356	3.1818	99.1973
Naltrexone	Naltrexone-D3	4.412	690357	301047	2.2932	102.8207
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	146826	519907	0.2824	9.6180
Naltrexol	Naltrexol-D3	4.709	1679826	653650	2.5699	103.0377
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	3676975	1617459	2.2733	97.6287
Ketamine	Ketamine-D4	5.681	2057681	862367	2.3861	97.0331
Norfentanyl	Norfentanyl-D5	5.722	184863	915341	0.2020	9.2787
alpha-PVP	alpha-PVP-d8	6.047	1228470	526331	2.3340	99.2380
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	28115	190373	0.1477	9.1056
Norbuprenorphine	Norbuprenorphine-D3	6.692	1264	6053	0.2088	10.2114
Fentanyl	Fentanyl-D5	6.780	12741	74110	0.1719	8.7576
EDDP	EDDP-D3	6.910	189216	83082	2.2775	99.1687
Quetiapine	Quetiapine-D8	7.138	1804425	157965	11.4229	106.0464
Sufentanil	Sufentanil-D5	7.158	7582	41940	0.1808	8.3652
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	90531	33875	2.6725	96.7076
Methadone	Methadone-D9	7.242	609554	230038	2.6498	100.7838

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

b cal 5-100ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	182480	77657	2.3498	93.0308
Oxazepam	Oxazepam-D5	7.308	456765	257434	1.7743	105.9000
Sertraline	Sertraline-D3	7.345	71700	35059	2.0451	86.8984
Temazepam	Temazepam-D5	7.367	2213243	1220370	1.8136	96.0981
Buprenorphine	Buprenorphine-D4	7.396	22104	49988	0.4422	9.5354
Nordiazepam	Nordiazepam-D5	7.434	1021177	295315	3.4579	109.2839
Diazepam	Diazepam-D5	7.490	1000306	374243	2.6729	100.3372

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ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

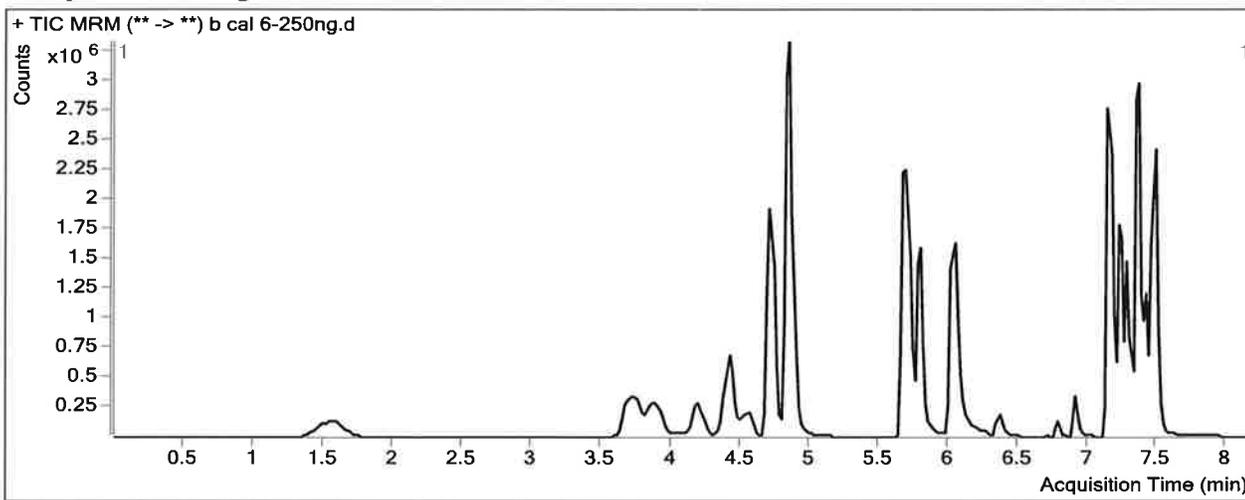
b cal 6-250ng

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Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 16:56 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-F1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	1296944	152725	8.4920	264.3035
Dihydrocodeine	Dihydrocodeine-D6	3.735	1030256	193904	5.3132	281.1318
Naloxone	Naloxone-D5	3.889	1575708	326319	4.8287	262.1103
Noroxycodone	Noroxycodone-D3	4.199	1142092	135670	8.4182	261.0794
Naltrexone	Naltrexone-D3	4.412	1623998	278906	5.8227	260.8521
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	429363	537559	0.7987	27.1020
Naltrexol	Naltrexol-D3	4.709	4275009	641094	6.6683	268.2189
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	10091223	1646910	6.1274	263.1302
Ketamine	Ketamine-D4	5.681	5899980	907809	6.4991	263.5350
Norfentanyl	Norfentanyl-D5	5.722	508536	864139	0.5885	26.2114
alpha-PVP	alpha-PVP-d8	6.047	3781877	610769	6.1920	262.4219
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	151013	359828	0.4197	25.6937
Norbuprenorphine	Norbuprenorphine-D3	6.692	4701	8750	0.5373	25.9437
Fentanyl	Fentanyl-D5	6.780	99906	201095	0.4968	25.0878
EDDP	EDDP-D3	6.910	607661	102122	5.9503	257.7399
Quetiapine	Quetiapine-D8	7.138	5028676	179526	28.0109	260.9222
Sufentanil	Sufentanil-D5	7.158	82292	143499	0.5735	26.7083
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	731979	99900	7.3271	263.3504
Methadone	Methadone-D9	7.242	2980549	430309	6.9265	262.7972

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report

TS

b cal 6-250ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1547063	240114	6.4430	250.2452
Oxazepam	Oxazepam-D5	7.308	565543	147324	3.8388	228.9976
Sertraline	Sertraline-D3	7.345	769214	119690	6.4267	270.8886
Temazepam	Temazepam-D5	7.367	4738236	962286	4.9239	260.3673
Buprenorphine	Buprenorphine-D4	7.396	104206	86134	1.2098	24.9606
Nordiazepam	Nordiazepam-D5	7.434	2077814	237614	8.7445	277.4051
Diazepam	Diazepam-D5	7.490	2415555	352984	6.8432	256.5937

TS

ISP FORENSICS - Pocatello Instrument # 59740

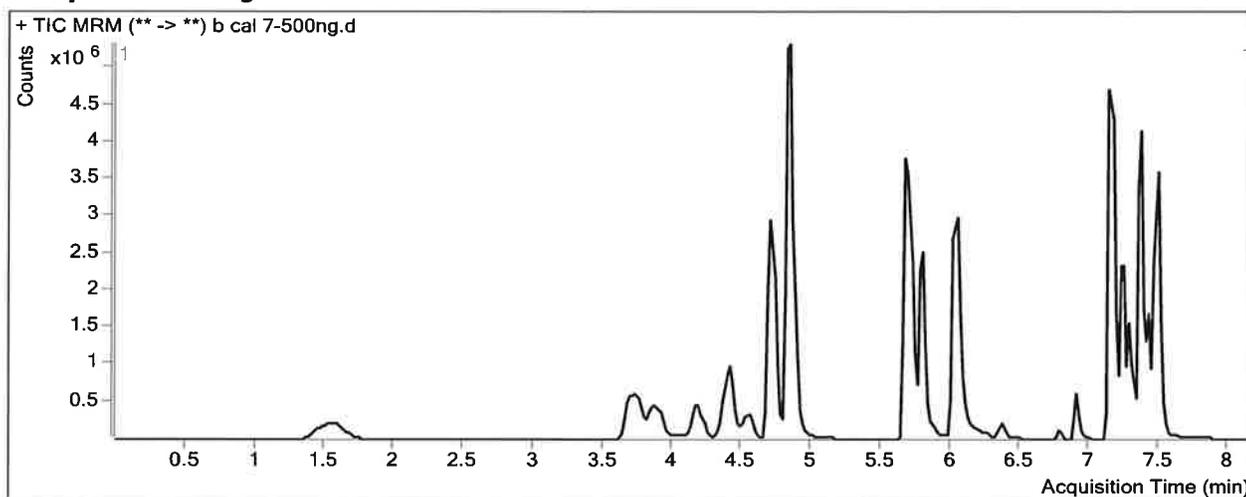
Multi-Drug Confirmatory Analysis Report

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Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 17:28 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-G1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	2267172	140468	16.1401	501.7486
Dihydrocodeine	Dihydrocodeine-D6	3.735	1817121	190239	9.5518	505.3553
Naloxone	Naloxone-D5	3.871	2534429	267891	9.4607	512.6120
Noroxycodone	Noroxycodone-D3	4.199	1886950	119930	15.7338	487.2432
Naltrexone	Naltrexone-D3	4.412	2471423	228006	10.8393	485.4613
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	795821	518262	1.5356	52.0532
Naltrexol	Naltrexol-D3	4.709	7119833	569969	12.4916	502.9220
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.858	18193537	1543701	11.7857	506.1090
Ketamine	Ketamine-D4	5.681	10624608	878777	12.0902	489.8689
Norfentanyl	Norfentanyl-D5	5.722	916217	843391	1.0863	48.0212
alpha-PVP	alpha-PVP-d8	6.047	6959911	587810	11.8404	501.3380
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	221885	276862	0.8014	48.9753
Norbuprenorphine	Norbuprenorphine-D3	6.692	6949	6308	1.1016	52.9702
Fentanyl	Fentanyl-D5	6.780	123550	125079	0.9878	49.7654
EDDP	EDDP-D3	6.910	1122514	99087	11.3285	489.9359
Quetiapine	Quetiapine-D8	7.138	9086813	170188	53.3928	497.9039
Sufentanil	Sufentanil-D5	7.158	92731	87625	1.0583	49.3550
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	864734	64043	13.5024	484.4352
Methadone	Methadone-D9	7.242	4201397	321047	13.0866	496.1548

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

b cal 7-500ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1722696	128602	13.3955	517.2796
Oxazepam	Oxazepam-D5	7.308	912879	109409	8.3437	497.6151
Sertraline	Sertraline-D3	7.345	798181	62761	12.7179	535.0623
Temazepam	Temazepam-D5	7.367	7149090	770441	9.2792	490.3858
Buprenorphine	Buprenorphine-D4	7.396	133659	59023	2.2645	46.1546
Nordiazepam	Nordiazepam-D5	7.434	2649770	181108	14.6309	464.6012
Diazepam	Diazepam-D5	7.490	3819032	295238	12.9354	484.8578

TS

ISP FORENSICS - Pocatello Instrument # 59740

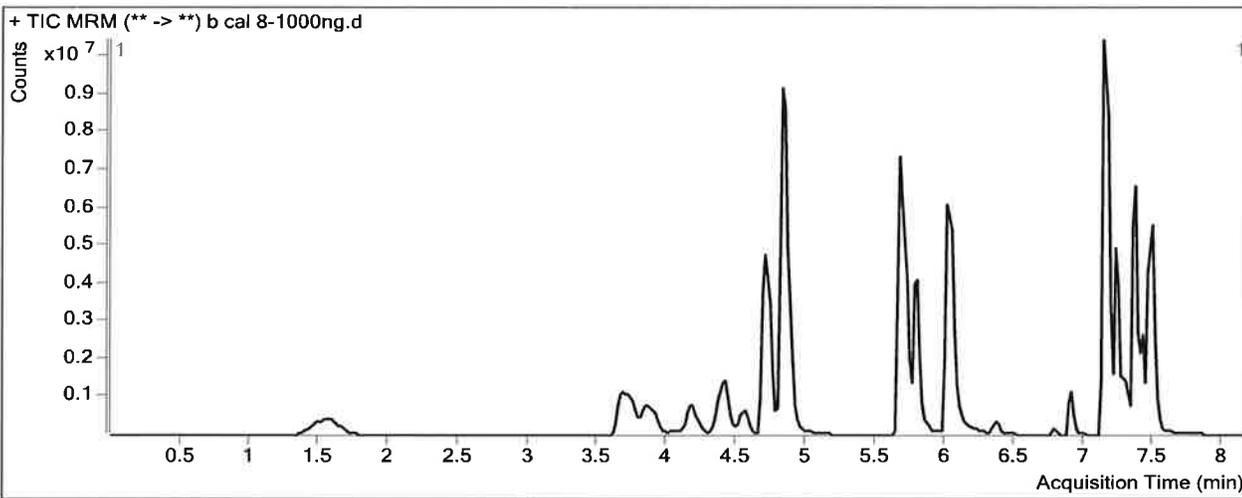
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MD Quant Panel 1 021218 TS\QuantResults\MDQ Panel 1b 021318 TS.b
Analysis Time 2/14/2018 1:52 PM **Analyst Name** ISPUser
Report Time 2/14/2018 1:58 PM **Reporter Name** ISPUser
Last Calib Update 2/14/2018 1:52 PM **Batch State** Processed

Analysis Info

Acq Time 2018-02-12 17:59 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-H1 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Oxymorphone	Oxymorphone-D3	1.568	4357234	137037	31.7960	987.8046
Dihydrocodeine	Dihydrocodeine-D6	3.715	3528287	194417	18.1480	960.1058
Naloxone	Naloxone-D5	3.871	4435890	219117	20.2444	1095.8097
Noroxycodone	Noroxycodone-D3	4.179	3292961	101493	32.4451	1003.8752
Naltrexone	Naltrexone-D3	4.412	3985051	185740	21.4550	960.7658
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.563	1606882	506611	3.1718	107.4618
Naltrexol	Naltrexol-D3	4.709	12856460	532069	24.1632	973.3315
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.838	33908667	1481585	22.8867	982.8130
Ketamine	Ketamine-D4	5.681	21522260	845605	25.4519	1030.7674
Norfentanyl	Norfentanyl-D5	5.722	1722923	747542	2.3048	101.3974
alpha-PVP	alpha-PVP-d8	6.027	13909623	583579	23.8350	1008.6845
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	4785558	287465	1.6648	101.6266
Norbuprenorphine	Norbuprenorphine-D3	6.692	11429	5722	1.9972	95.8653
Fentanyl	Fentanyl-D5	6.780	218960	108191	2.0238	101.8416
EDDP	EDDP-D3	6.910	2267424	97473	23.2621	1005.1503
Quetiapine	Quetiapine-D8	7.138	18915361	203075	93.1446	869.0526
Sufentanil	Sufentanil-D5	7.158	154256	71375	2.1612	100.8769
Cyclobenzaprine	Cyclobenzaprine-D3	7.212	1553378	55517	27.9804	1002.7757
Methadone	Methadone-D9	7.222	8079207	310547	26.0161	985.9578

TS

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

b cal 8-1000ng

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	1033784	78219	13.2166	510.4054
Oxazepam	Oxazepam-D5	7.308	1587254	92752	17.1129	1020.4949
Sertraline	Sertraline-D3	7.345	980909	40232	24.3811	1024.8166
Temazepam	Temazepam-D5	7.367	12287082	645568	19.0330	1005.5182
Buprenorphine	Buprenorphine-D4	7.396	223781	40426	5.5356	111.8861
Nordiazepam	Nordiazepam-D5	7.434	4072005	136677	29.7928	946.7751
Diazepam	Diazepam-D5	7.490	6726913	253831	26.5015	993.1573