























D

Worklist: 2118

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>	
M2017-5203	1	104568	AM 28 Blood Multi-Drug Quant	
M2017-5294	1	104569	AM 28 Blood Multi-Drug Quant	
M2017-5295	1	104633	AM 28 Blood Multi-Drug Quant	
M2017-5422	2	104634	AM 28 Blood Multi-Drug Quant	
M2017-5777	1	104635	AM 28 Blood Multi-Drug Quant	
P2017-2585	1	104636	AM 28 Blood Multi-Drug Quant	
P2017-2668	1	104637	AM 28 Blood Multi-Drug Quant	
P2017-2676	1	104638	AM 28 Blood Multi-Drug Quant	
P2017-2747	1	104639	AM 28 Blood Multi-Drug Quant	
P2017-2808	1	104642	AM 28 Blood Multi-Drug Quant	
P2017-2817	1	104645	AM 28 Blood Multi-Drug Quant	
P2017-2821	1	104646	AM 28 Blood Multi-Drug Quant	
P2017-2834	1	104647	AM 28 Blood Multi-Drug Quant	
P2017-2841	1	104649	AM 28 Blood Multi-Drug Quant	
P2017-2847	1	104650	AM 28 Blood Multi-Drug Quant	
P2017-2848	1	104652	AM 28 Blood Multi-Drug Quant	
P2017-2889	2	104653	AM 28 Blood Multi-Drug Quant	
P2017-2968	1	104654	AM 28 Blood Multi-Drug Quant	
P2017-3012	1	104656	AM 28 Blood Multi-Drug Quant	
P2017-3037	1	104657	AM 28 Blood Multi-Drug Quant	
P2017-3084	1	104659	AM 28 Blood Multi-Drug Quant	
P2017-3085	1	104660	AM 28 Blood Multi-Drug Quant	

DS

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

Extraction Date: ~~01/09/18~~ 01/11/18 Analyst: Sarah Pickle

Plate lot#: 0507680 Plate Expiration: ~~05/31/2018~~ 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: 361331-2 **Column:** Agilent 120 EC-C18 (2.1x 100-4um)
LCMS-QQQ ID: 59740

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. MDQ Panel 1a SP 011118
Worklist path: MDQ Panel 1 SP 011118 Batch Name: MDQ Panel 1b SP 011118
- 2. Make necessary changes to integration limits
- 3. Integration linear and r^2 values ≥ 0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5%, S/N for primary and secondary transitions > 10 .
- 5. Did all QCs pass for each analyte? Y / N _____
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports

COMMENTS:

Curve Range Limited: Norfentanyl 2.5-100
Norbuprenorphine 2.5-100

R

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

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~~ 06/12/18 By: TNS

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ISP FORENSICS - Pocatello Instrument # 59740

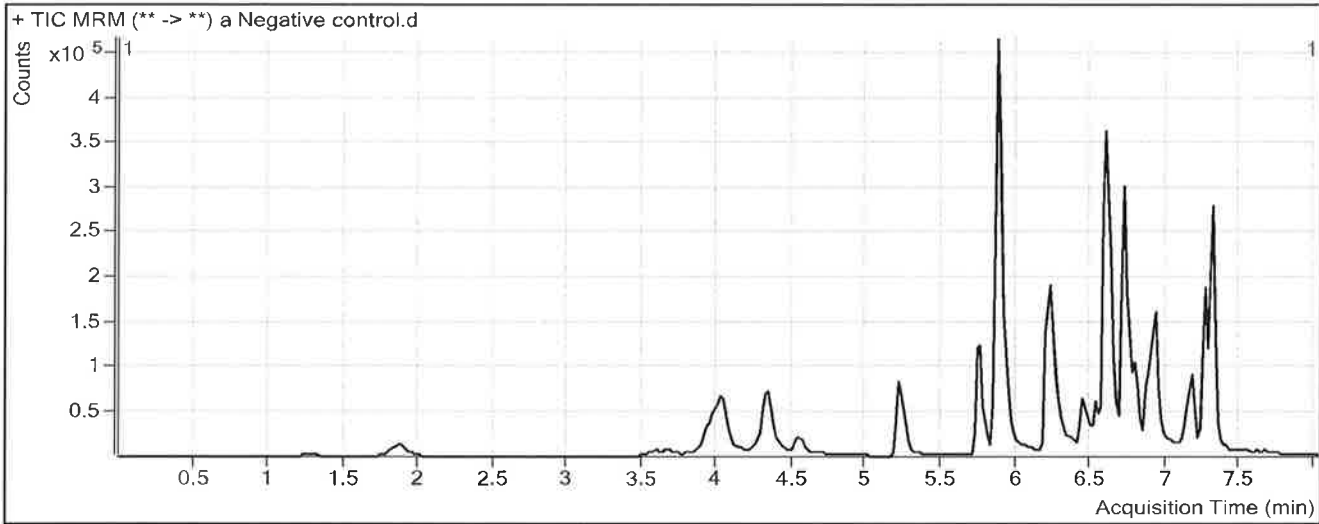
Multi-Drug Confirmatory Analysis Report

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Report Time 1/12/2018 3:31 PM **Reporter Name** ISUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 17:57 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-D11 **Sample Info**
Inj Vol -1 **Comment** AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Clonazepam	Clonazepam-D4	7.182	2818	105664	0.0267	0.0229 < 5
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	571	107329	0.0053	1.0805 < 5

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ISP FORENSICS - Pocatello Instrument # 59740

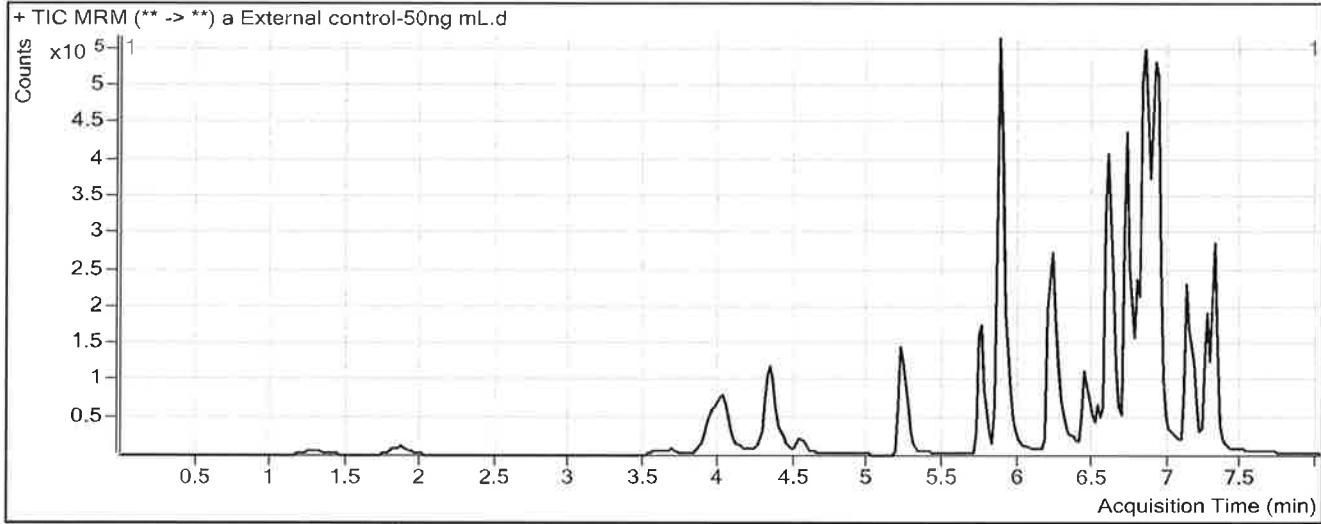
Multi-Drug Confirmatory Analysis Report

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Report Time 1/12/2018 3:31 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 18:29 **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 12-12-17.m
Position P1-C11 **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	1.308	26094	18022	1.4479	44.8979
Trazodone	Trazodone-D6	6.834	803483	605414	1.3272	47.9237

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

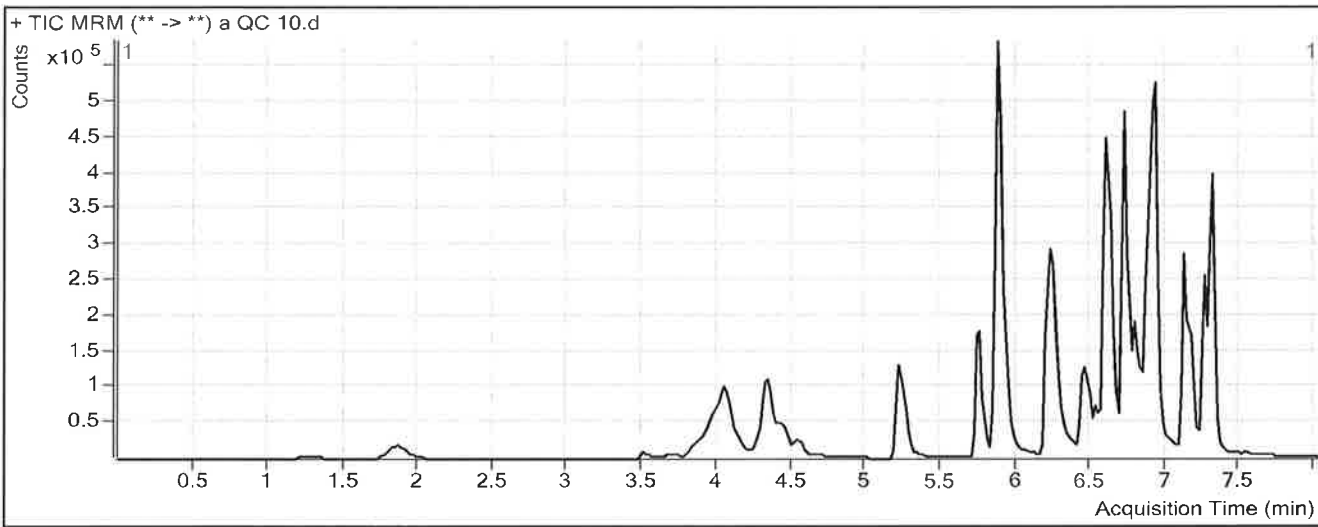
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Report Time 1/12/2018 3:31 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 19:32 **Data File** a QC 10.d
Sample Type QC **Sample Name** a QC 10
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-H11 **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	1.288	6380	21761	0.2932	10.3987
Hydromorphone	Hydromorphone-D6	1.869	27211	100355	0.2711	9.7899
Codeine	Codeine-D6	3.552	10824	50249	0.2154	9.8705
Oxycodone	Oxycodone-D6	4.046	84452	322886	0.2616	9.5751
Amphetamine	Amphetamine-D11	4.083	209862	297859	0.7046	7.7383
Hydrocodone	Hydrocodone-D6	4.351	30977	188384	0.1644	9.6436
Norhydrocodone	Norhydrocodone-D3	4.375	1753	45920	0.0382	8.4208
Methamphetamine	Methamphetamine-D11	4.439	121375	377394	0.3216	10.2746
6-MAM	6-MAM-D6	4.547	1246	51658	0.0241	1.2040
Phentermine	Phentermine-D5	5.261	54708	490947	0.1114	9.9499
Dextrophan	Dextrophan-D3	5.760	50467	489057	0.1032	9.6777
Tramadol	Tramadol-13C-D3	5.897	308336	1471066	0.2096	9.6808
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	85692	325478	0.2633	8.9314
Doxylamine	Doxylamine-D5	6.240	223096	968652	0.2303	10.0781
Bupropion	Bupropion-D9	6.468	89122	328468	0.2713	10.0621
Zolpidem	Zolpidem-D6	6.616	254851	1319969	0.1931	9.8572
Meprobamate	Meprobamate-D7	6.551	33196	129690	0.2560	8.9609
Trazodone	Trazodone-D6	6.834	118456	452307	0.2619	9.7673
Venlafaxine	Venlafaxine-D6	6.722	247441	1053339	0.2349	10.5437
Citalopram	Citalopram-D6	6.876	108152	523320	0.2067	10.0555

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

a qc 10

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	40863	153748	0.2658	10.8252
Diphenhydramine	Diphenhydramine-D3	6.930	183568	1081053	0.1698	9.4620
Promethazine	Promethazine-D3	7.126	127548	558303	0.2285	9.9531
Clonazepam	Clonazepam-D4	7.162	99987	101105	0.9889	9.7673
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	17982	96971	0.1854	9.5002
Carisoprodol	Carisoprodol-D7	7.272	83830	285795	0.2933	11.3919
Lorazepam	Alprazolam-D5	7.282	44840	536288	0.0836	11.3870
Alprazolam	Alprazolam-D5	7.305	166457	536288	0.3104	9.8375

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

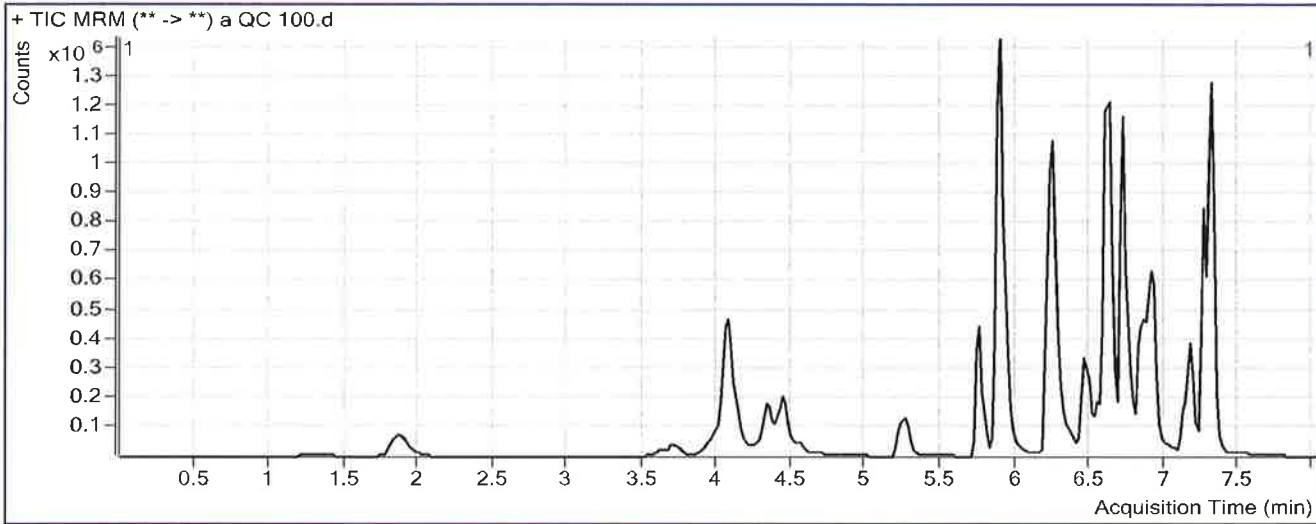
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Report Time 1/12/2018 3:31 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 21:53 **Data File** a QC 100.d
Sample Type QC **Sample Name** a QC 100
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-G11 **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	1.288	54359	17530	3.1009	94.2822
Hydromorphone	Hydromorphone-D6	1.869	255198	82713	3.0853	100.4953
Codeine	Codeine-D6	3.712	106276	46197	2.3005	95.7183
Oxycodone	Oxycodone-D6	4.046	803056	279375	2.8745	99.7425
Amphetamine	Amphetamine-D11	4.083	1099066	170811	6.4344	106.6970
Hydrocodone	Hydrocodone-D6	4.351	284711	163865	1.7375	103.4531
Norhydrocodone	Norhydrocodone-D3	4.375	17409	32990	0.5277	106.3374
Methamphetamine	Methamphetamine-D11	4.439	636212	202328	3.1445	96.9253
6-MAM	6-MAM-D6	4.547	11151	47612	0.2342	10.2006
Phentermine	Phentermine-D5	5.261	359751	309820	1.1612	105.7530
Dextrorphan	Dextrorphan-D3	5.760	426523	383395	1.1125	96.0951
Tramadol	Tramadol-13C-D3	5.897	2796438	1177814	2.3743	109.8255
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	729930	262756	2.7780	113.9238
Doxylamine	Doxylamine-D5	6.240	1889876	862802	2.1904	90.2789
Bupropion	Bupropion-D9	6.468	528399	180465	2.9280	99.5329
Zolpidem	Zolpidem-D6	6.616	2441775	1195177	2.0430	98.6928
Meprobamate	Meprobamate-D7	6.551	285754	106103	2.6932	108.8893
Trazodone	Trazodone-D6	6.834	608441	207284	2.9353	105.5251
Venlafaxine	Venlafaxine-D6	6.722	2012389	835987	2.4072	96.8533
Citalopram	Citalopram-D6	6.876	449627	216304	2.0787	93.5287

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

a qc 100

\$

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	118751	43872	2.7067	95.0814
Diphenhydramine	Diphenhydramine-D3	6.930	761452	429395	1.7733	92.2580
Promethazine	Promethazine-D3	7.126	221231	87222	2.5364	95.2197
Clonazepam	Clonazepam-D4	7.162	721488	70513	10.2320	103.3652
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	161778	76975	2.1017	99.0813
Carisoprodol	Carisoprodol-D7	7.272	739450	234194	3.1574	110.7260
Lorazepam	Alprazolam-D5	7.282	247484	432837	0.5718	120.4829
Alprazolam	Alprazolam-D5	7.305	1423674	432837	3.2892	98.1953

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

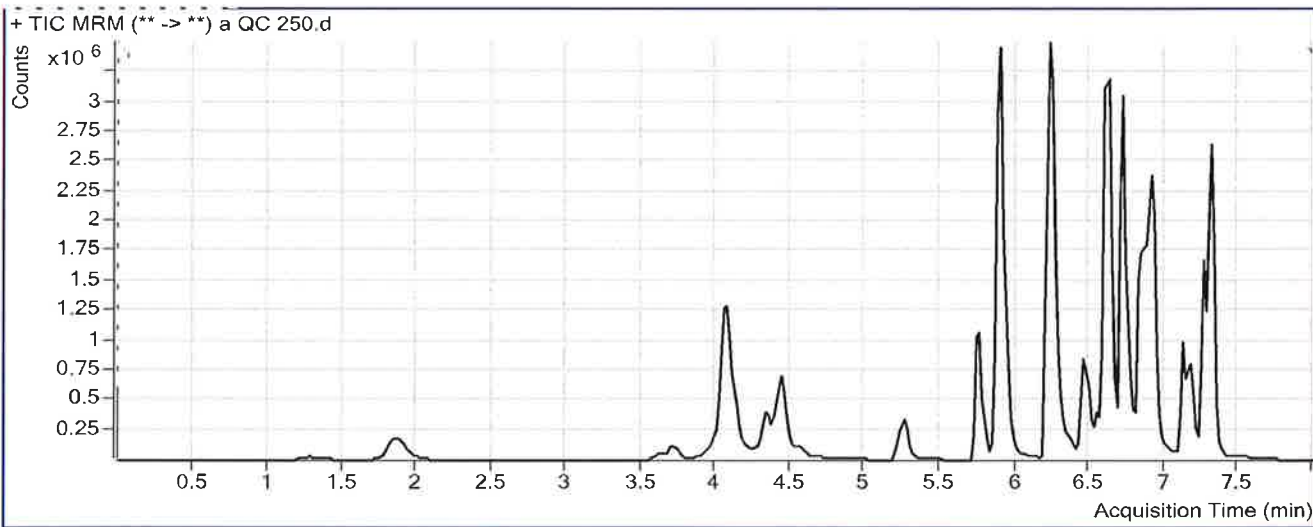
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Report Time	1/12/2018 3:31 PM	Reporter Name	ISPUser
Last Calib Update	1/12/2018 3:23 PM	Batch State	Processed

Analysis Info

Acq Time	2018-01-12 00:30	Data File	a QC 250.d
Sample Type	QC	Sample Name	a QC 250
Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-F11	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	1.288	154719	19066	8.1149	244.0813
Hydromorphone	Hydromorphone-D6	1.869	741199	95608	7.7525	250.9227
Codeine	Codeine-D6	3.712	292750	48168	6.0777	251.2321
Oxycodone	Oxycodone-D6	4.046	2394579	329924	7.2580	251.0093
Amphetamine	Amphetamine-D11	4.083	3248765	222370	14.6097	247.8915
Hydrocodone	Hydrocodone-D6	4.331	791624	187357	4.2252	251.8127
Norhydrocodone	Norhydrocodone-D3	4.375	50123	39900	1.2562	252.0552
Methamphetamine	Methamphetamine-D11	4.439	2279381	305422	7.4631	229.4898
6-MAM	6-MAM-D6	4.547	30934	52000	0.5949	25.6468
Phentermine	Phentermine-D5	5.261	1094940	400302	2.7353	249.4145
Dextrophan	Dextrophan-D3	5.760	1293119	457861	2.8243	242.6595
Tramadol	Tramadol-13C-D3	5.897	8225006	1488009	5.5275	255.7064
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	1881504	288323	6.5257	270.3970
Doxylamine	Doxylamine-D5	6.220	6590383	1093624	6.0262	247.2285
Bupropion	Bupropion-D9	6.468	1346716	184550	7.2973	246.6826
Zolpidem	Zolpidem-D6	6.616	7346610	1377035	5.3351	256.7798
Meprobamate	Meprobamate-D7	6.551	667764	102012	6.5460	266.8577
Trazodone	Trazodone-D6	6.834	2499888	359627	6.9513	249.3733
Venlafaxine	Venlafaxine-D6	6.722	6329389	1027306	6.1612	246.0055
Citalopram	Citalopram-D6	6.876	1861645	342986	5.4278	242.8643

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

a QC 250 

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	625380	96368	6.4895	225.6524
Diphenhydramine	Diphenhydramine-D3	6.930	3195523	698115	4.5774	237.0429
Promethazine	Promethazine-D3	7.126	1855167	272357	6.8115	253.1646
Clonazepam	Clonazepam-D4	7.162	1437267	59913	23.9891	242.6731
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	341102	65027	5.2456	246.0512
Carisoprodol	Carisoprodol-D7	7.272	1540743	245524	6.2753	218.8626
Lorazepam	Alprazolam-D5	7.282	444078	402953	1.1021	238.9932
Alprazolam	Alprazolam-D5	7.305	3421782	402953	8.4918	252.5166

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

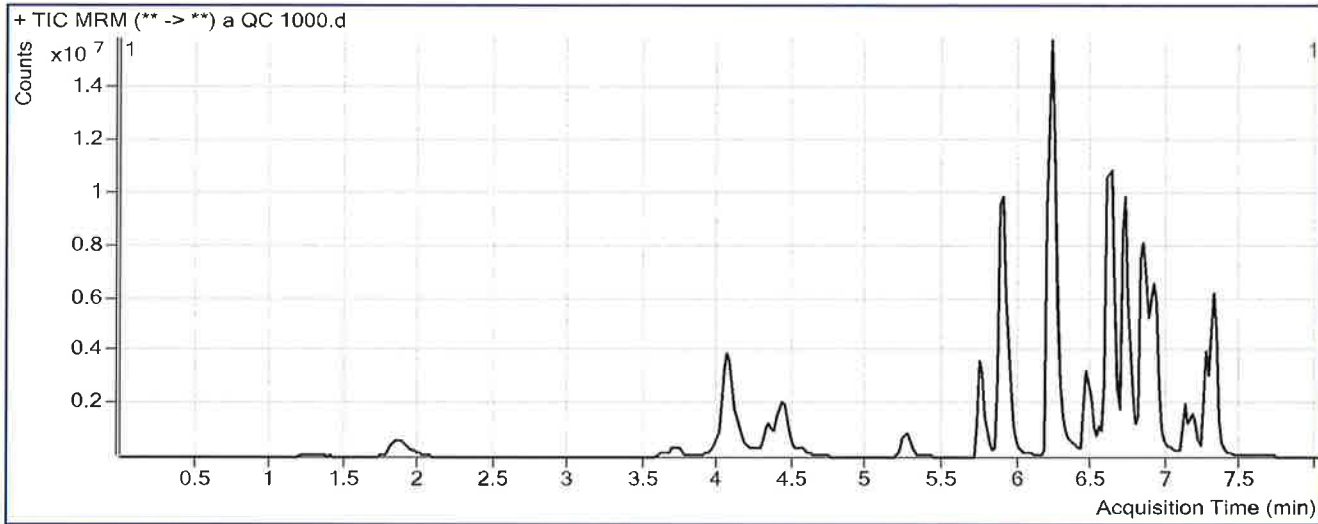
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Report Time 1/12/2018 3:31 PM **Reporter Name** ISUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-12 02:52 **Data File** a QC 1000.d
Sample Type QC **Sample Name** a QC 1000
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-E11 **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	1.288	600837	17343	34.6452	1036.7092
Hydromorphone	Hydromorphone-D6	1.869	2787388	83057	33.5598	1082.7268
Codeine	Codeine-D6	3.712	1025525	40354	25.4130	1047.2977
Oxycodone	Oxycodone-D6	4.046	9365835	313766	29.8498	1030.6137
Amphetamine	Amphetamine-D11	4.063	8047460	172007	46.7857	803.5980
Hydrocodone	Hydrocodone-D6	4.331	2939473	178156	16.4994	983.7944
Norhydrocodone	Norhydrocodone-D3	4.375	168939	28841	5.8577	1172.4246
Methamphetamine	Methamphetamine-D11	4.419	7205234	220308	32.7053	1004.3308
6-MAM	6-MAM-D6	4.547	117333	48820	2.4034	103.0949
Phentermine	Phentermine-D5	5.261	3416316	335189	10.1922	929.9681
Dextrophan	Dextrophan-D3	5.740	4858078	405395	11.9836	1026.8919
Tramadol	Tramadol-13C-D3	5.897	31179881	1511107	20.6338	954.5756
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	4988043	226914	21.9820	915.7250
Doxylamine	Doxylamine-D5	6.220	28037582	1135583	24.6900	1010.8994
Bupropion	Bupropion-D9	6.468	5278576	190486	27.7111	934.1769
Zolpidem	Zolpidem-D6	6.616	25497350	1340956	19.0143	913.6635
Meprobamate	Meprobamate-D7	6.551	1983844	85046	23.3266	954.8842
Trazodone	Trazodone-D6	6.834	11114098	457878	24.2731	869.8136
Venlafaxine	Venlafaxine-D6	6.722	25163168	984275	25.5652	1016.9678
Citalopram	Citalopram-D6	6.856	5842083	275037	21.2411	947.9802

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

a qc 1000

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	1713162	64926	26.3864	912.4469
Diphenhydramine	Diphenhydramine-D3	6.930	10425618	564758	18.4603	953.8805
Promethazine	Promethazine-D3	7.126	3867609	119618	32.3330	1196.0543
Clonazepam	Clonazepam-D4	7.162	2799561	30401	92.0875	932.2577
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	991901	44028	22.5288	1054.0103
Carisoprodol	Carisoprodol-D7	7.272	3750104	129414	28.9777	1006.2363
Lorazepam	Alprazolam-D5	7.282	1213094	265585	4.5676	1013.4924
Alprazolam	Alprazolam-D5	7.305	9339502	265585	35.1658	1043.7329

ISP FORENSICS

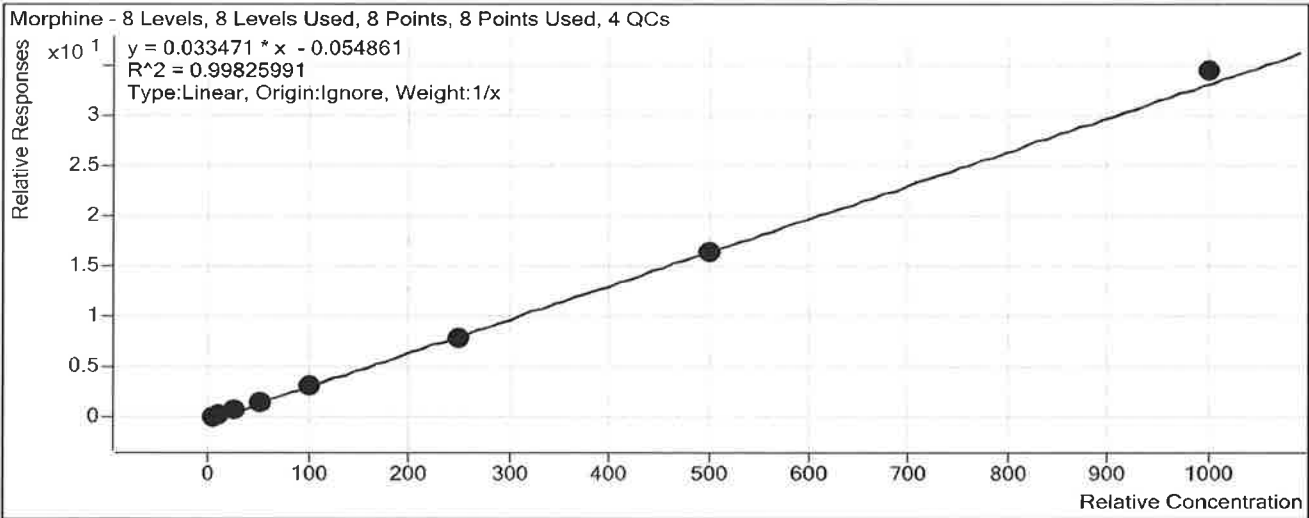
Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	6.0	119.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	105.3
a QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.0	96.1
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.2	90.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	92.1	92.1
a QC 100	5	<input checked="" type="checkbox"/>	100	94.3	94.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	237.2	94.9
a QC 250	6	<input checked="" type="checkbox"/>	250	244.1	97.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	493.1	98.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.8	103.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1036.7	103.7

ISP FORENSICS

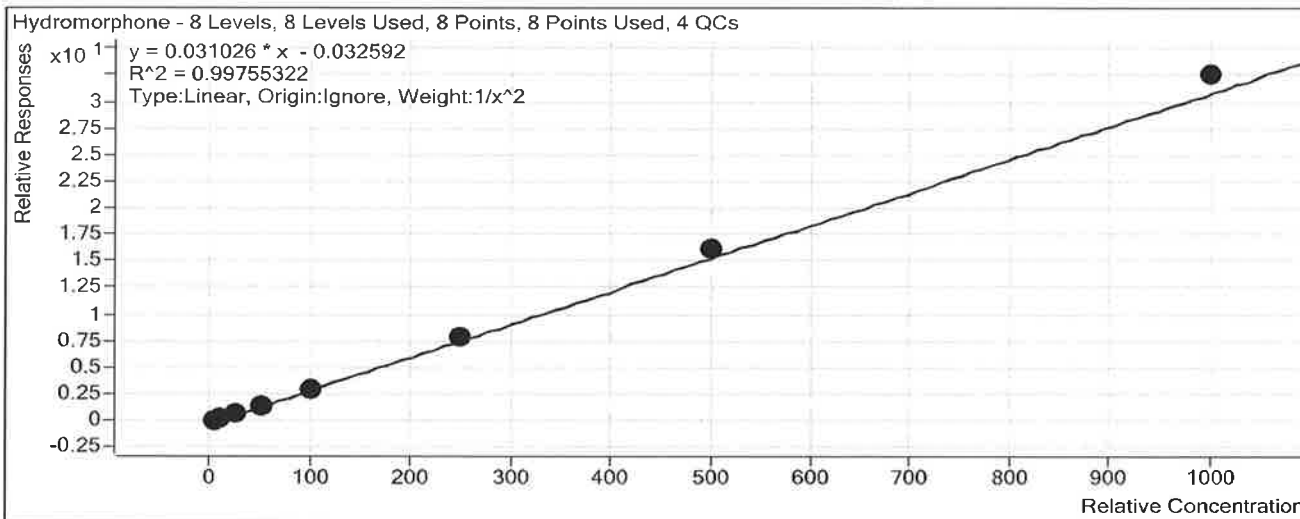
Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.2	103.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a QC 100	5	<input checked="" type="checkbox"/>	100	100.5	100.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	256.1	102.4
a QC 250	6	<input checked="" type="checkbox"/>	250	250.9	100.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.6	105.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1048.8	104.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1082.7	108.3

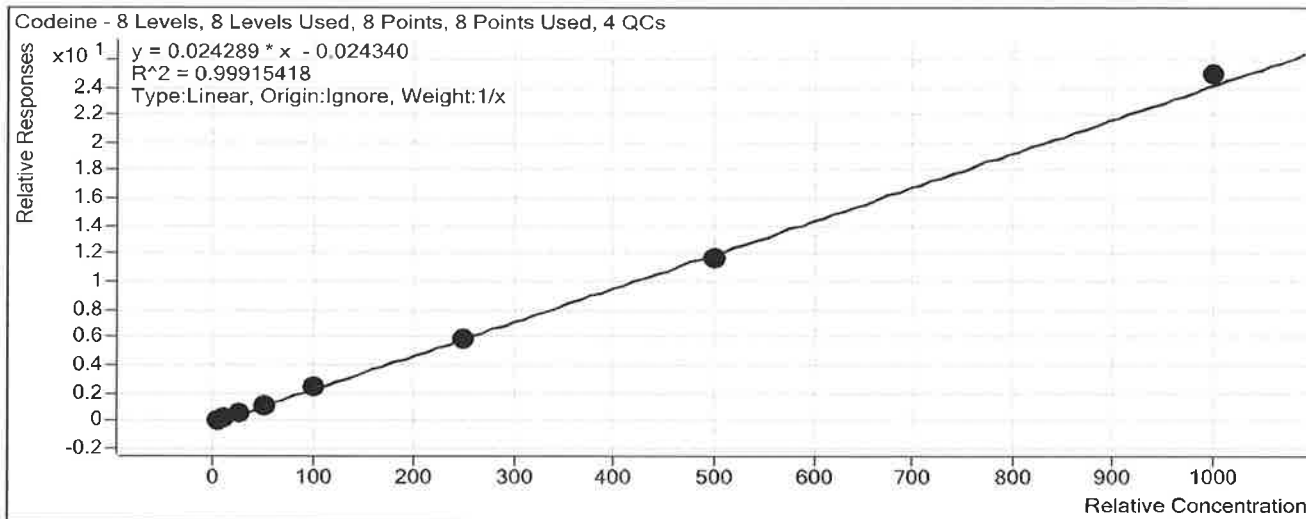
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.2	104.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	106.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.2	94.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.3	98.3
a QC 100	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a QC 250	6	<input checked="" type="checkbox"/>	250	251.2	100.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.9	96.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1025.2	102.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1047.3	104.7

ISP FORENSICS

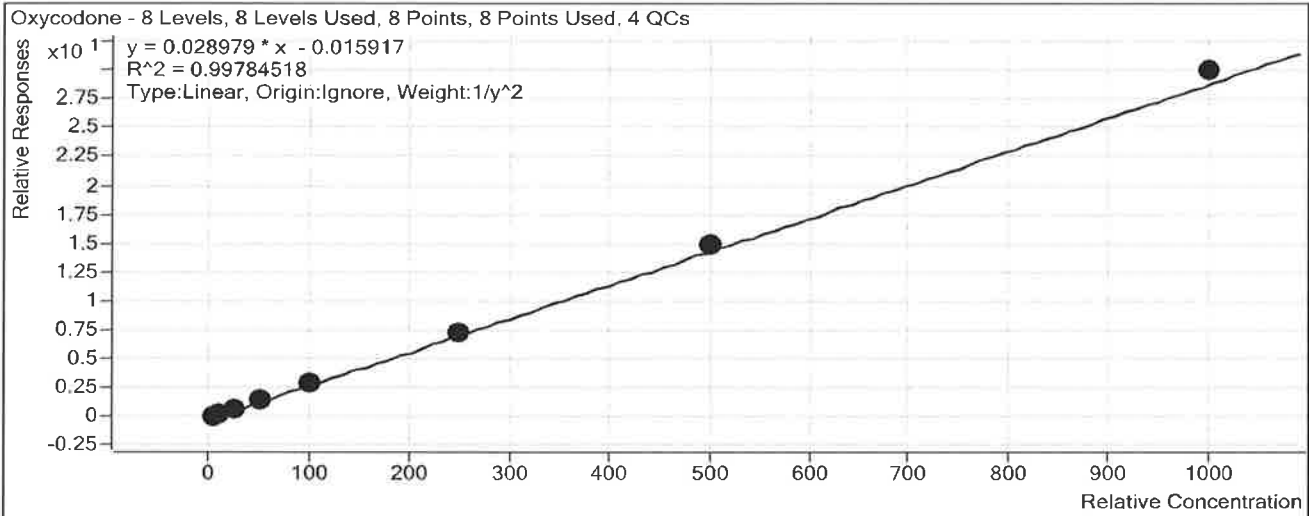
Calibration Curve Report

S

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 PM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



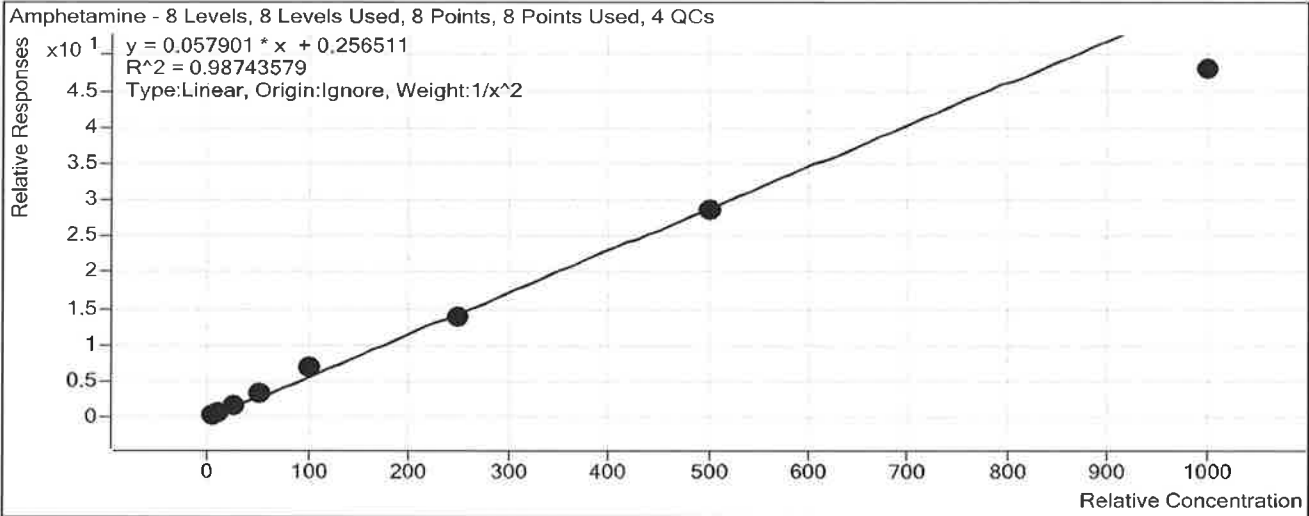
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.2	104.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.3	92.5
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	95.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.2
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a QC 100	5	<input checked="" type="checkbox"/>	100	99.7	99.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a QC 250	6	<input checked="" type="checkbox"/>	250	251.0	100.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.1	102.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1033.8	103.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1030.6	103.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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 checked="" type="checkbox"/>	5	4.9	97.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.1
a QC 10	2	<input checked="" type="checkbox"/>	10	7.7	77.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.3	105.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.9	107.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	115.1	115.1
a QC 100	5	<input checked="" type="checkbox"/>	100	106.7	106.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	234.5	93.8
a QC 250	6	<input checked="" type="checkbox"/>	250	247.9	99.2
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	489.7	97.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	824.8	82.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	803.6	80.4

ISP FORENSICS

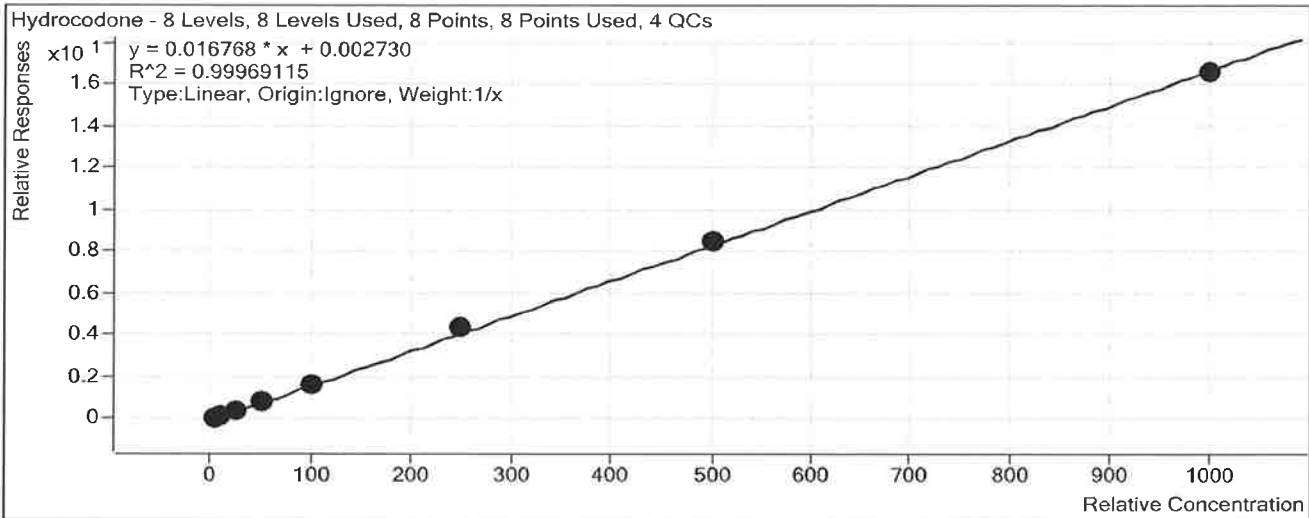
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 PM **Analyst Name** ISP TOX

P

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	4.9	97.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a QC 100	5	<input checked="" type="checkbox"/>	100	103.5	103.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.6	103.5
a QC 250	6	<input checked="" type="checkbox"/>	250	251.8	100.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.7	101.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	987.1	98.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	983.8	98.4

ISP FORENSICS

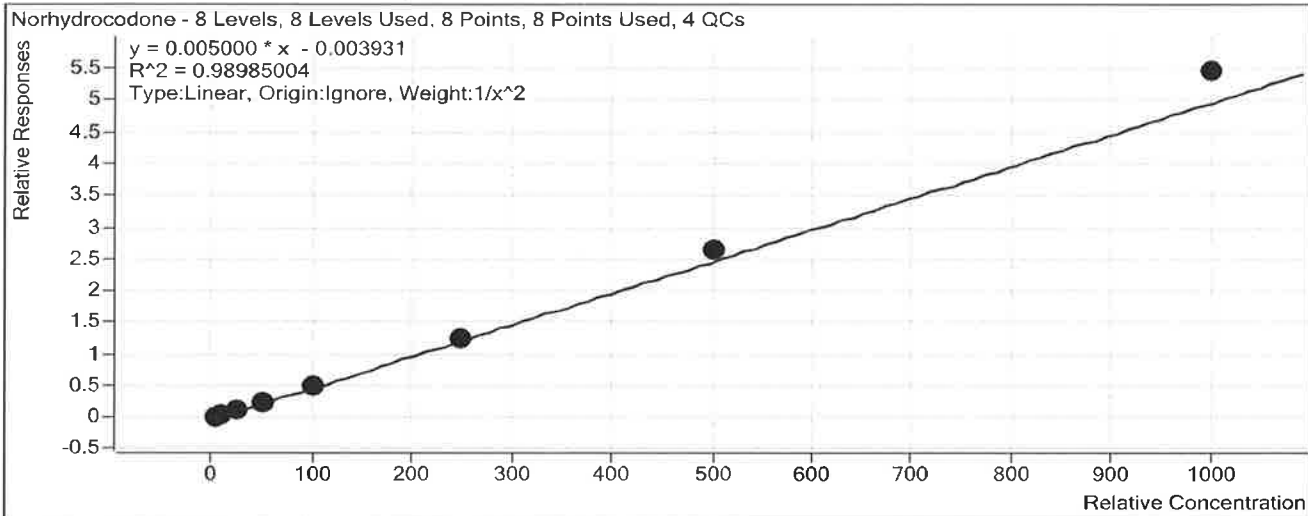
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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 checked="" type="checkbox"/>	5	5.5	109.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	8.4	84.2
a QC 10	2	<input checked="" type="checkbox"/>	10	8.4	84.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.0	102.0
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a QC 100	5	<input checked="" type="checkbox"/>	100	106.3	106.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	249.1	99.6
a QC 250	6	<input checked="" type="checkbox"/>	250	252.1	100.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	529.7	105.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1091.7	109.2
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1172.4	117.2

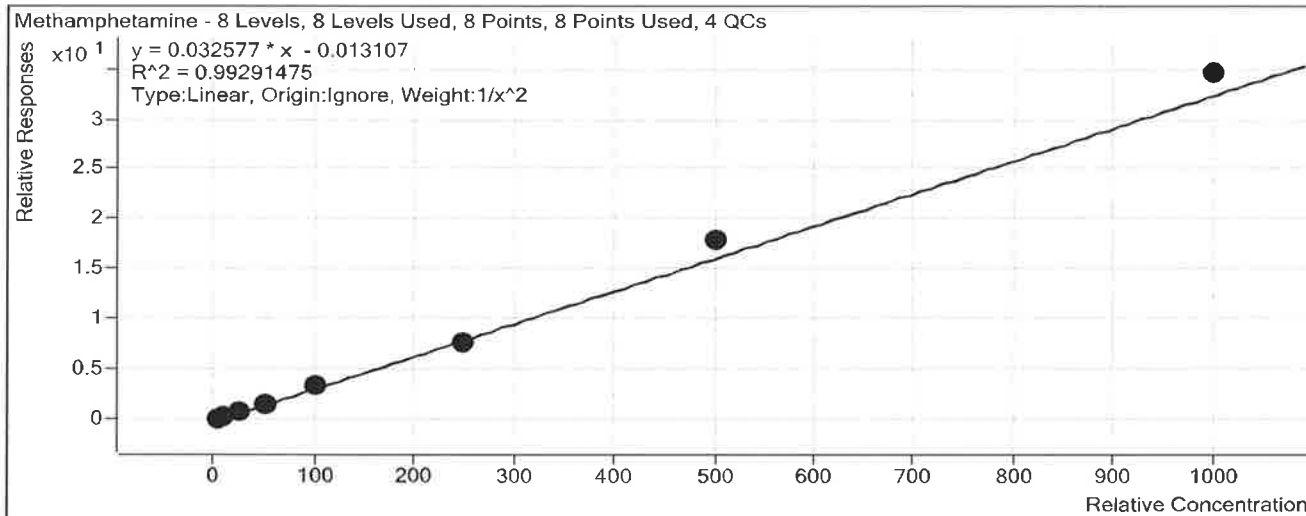
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	105.6
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.2	92.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.3	102.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	46.2	92.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.7	104.7
a QC 100	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	238.6	95.4
a QC 250	6	<input checked="" type="checkbox"/>	250	229.5	91.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	550.7	110.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1061.1	106.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1004.3	100.4

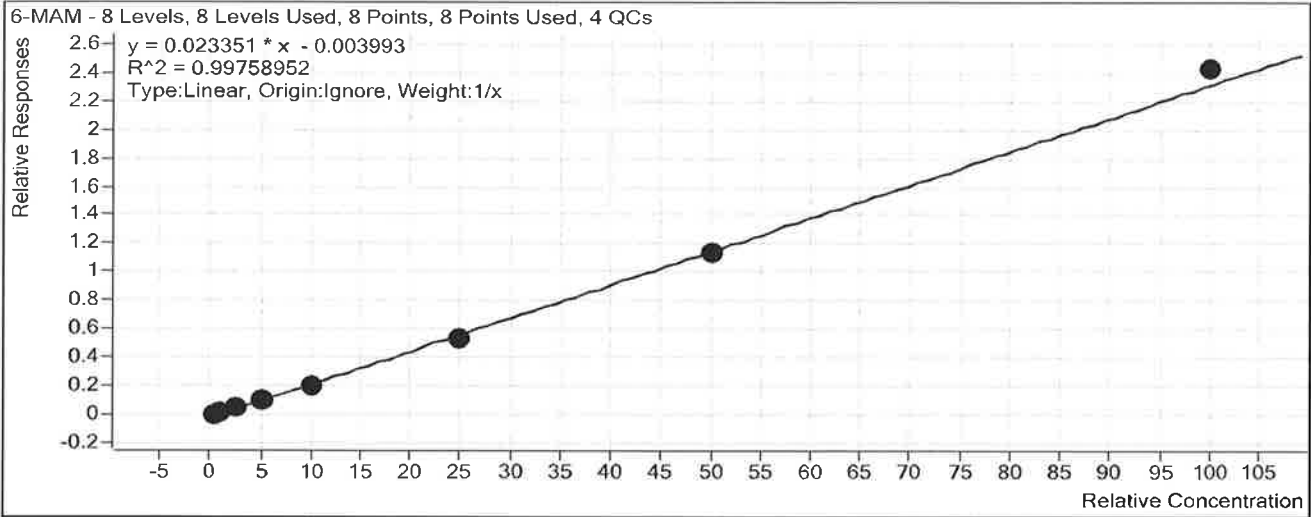
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	0.5	106.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	113.0
a QC 10	2	<input checked="" type="checkbox"/>	1	1.2	120.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	98.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.8	96.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.0	89.9
a QC 100	5	<input checked="" type="checkbox"/>	10	10.2	102.0
a cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.3	93.1
a QC 250	6	<input checked="" type="checkbox"/>	25	25.6	102.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.8	97.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	103.9	103.9
a QC 1000	8	<input checked="" type="checkbox"/>	100	103.1	103.1

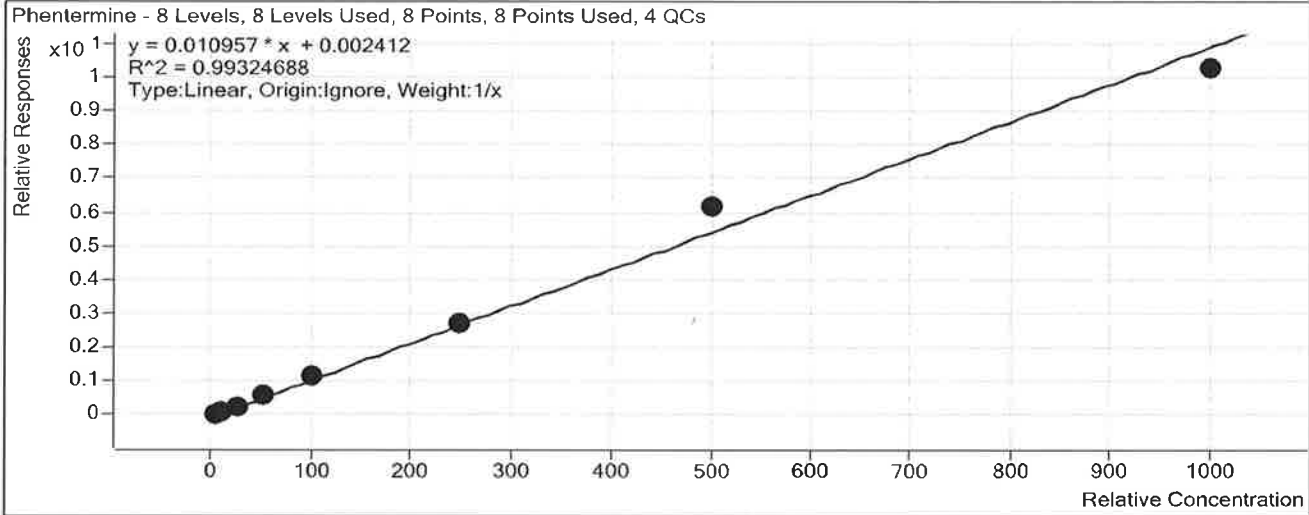
ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	4.7	93.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.3	93.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	52.4	104.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
a QC 100	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.5	99.4
a QC 250	6	<input checked="" type="checkbox"/>	250	249.4	99.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	560.8	112.2
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	935.6	93.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	930.0	93.0

ISP FORENSICS

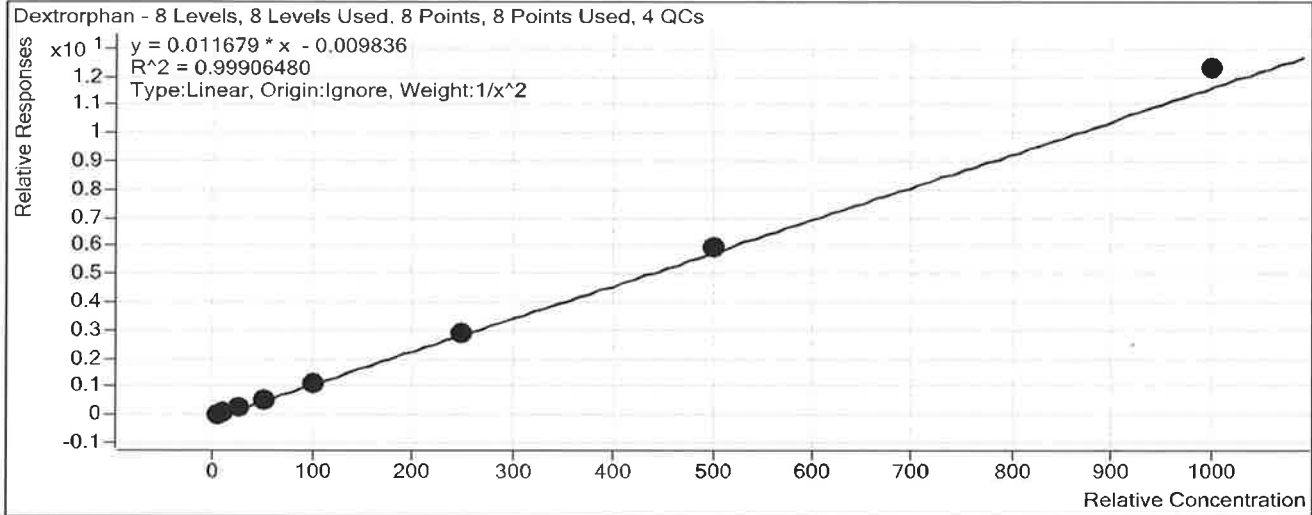
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	101.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	99.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.1	96.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a QC 100	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.1	99.2
a QC 250	6	<input checked="" type="checkbox"/>	250	242.7	97.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.1	101.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1051.0	105.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1026.9	102.7

ISP FORENSICS

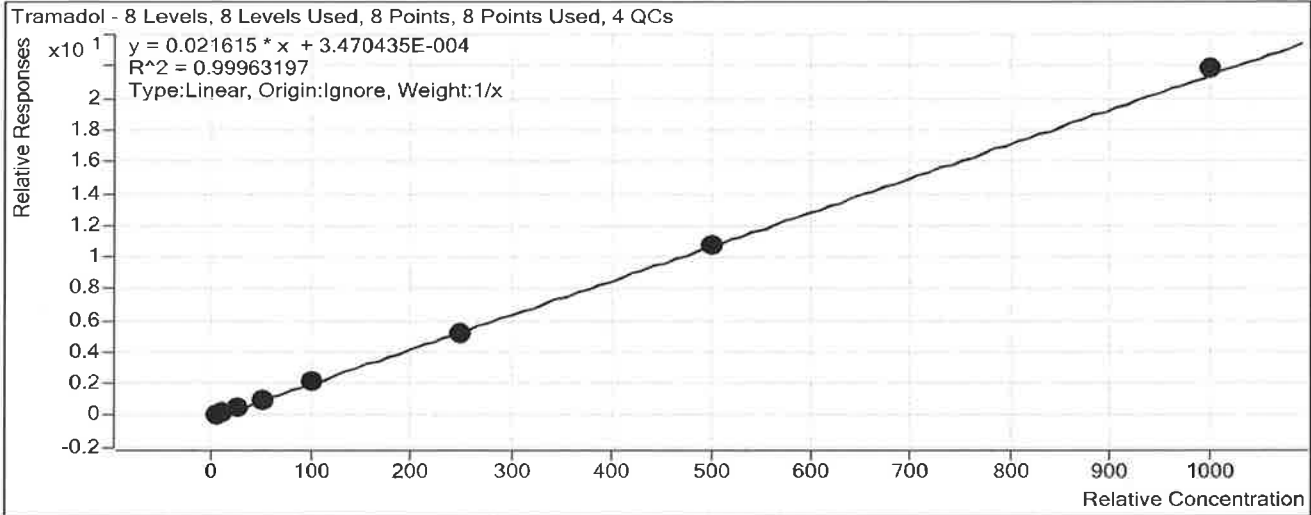
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.0	99.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.1	94.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.2	102.2
a QC 100	5	<input checked="" type="checkbox"/>	100	109.8	109.8
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.6	97.0
a QC 250	6	<input checked="" type="checkbox"/>	250	255.7	102.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.5	99.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1011.3	101.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	954.6	95.5

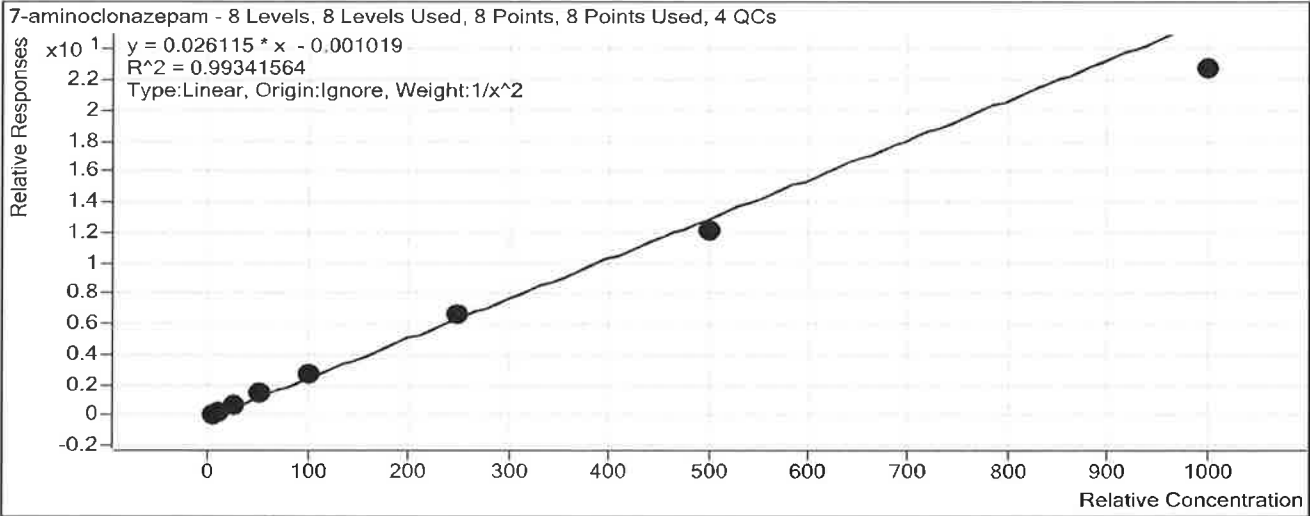
ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/17/2018 2:57 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	4.9	97.7
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	101.2
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.1	104.3
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	53.9	107.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	107.2	107.2
a QC 100	5	<input checked="" type="checkbox"/>	100	106.4	106.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	254.1	101.6
a QC 250	6	<input checked="" type="checkbox"/>	250	249.9	100.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	467.7	93.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	870.5	87.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	841.8	84.2

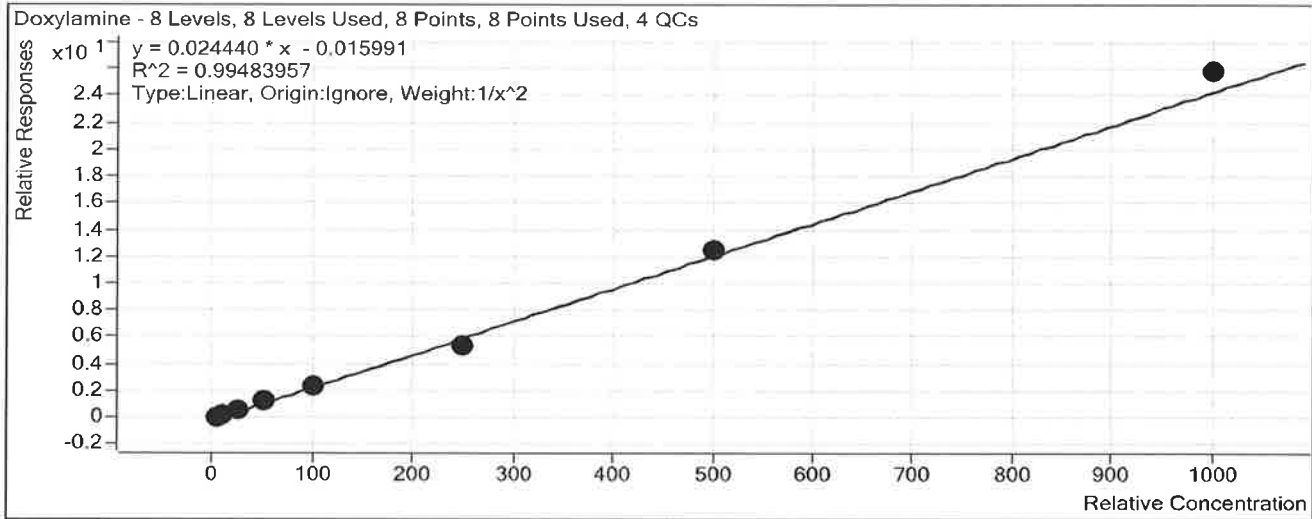
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.0	100.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.6
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.5	93.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.6	109.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
a QC 100	5	<input checked="" type="checkbox"/>	100	90.3	90.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	223.6	89.4
a QC 250	6	<input checked="" type="checkbox"/>	250	247.2	98.9
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	512.3	102.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1055.6	105.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1010.9	101.1

ISP FORENSICS

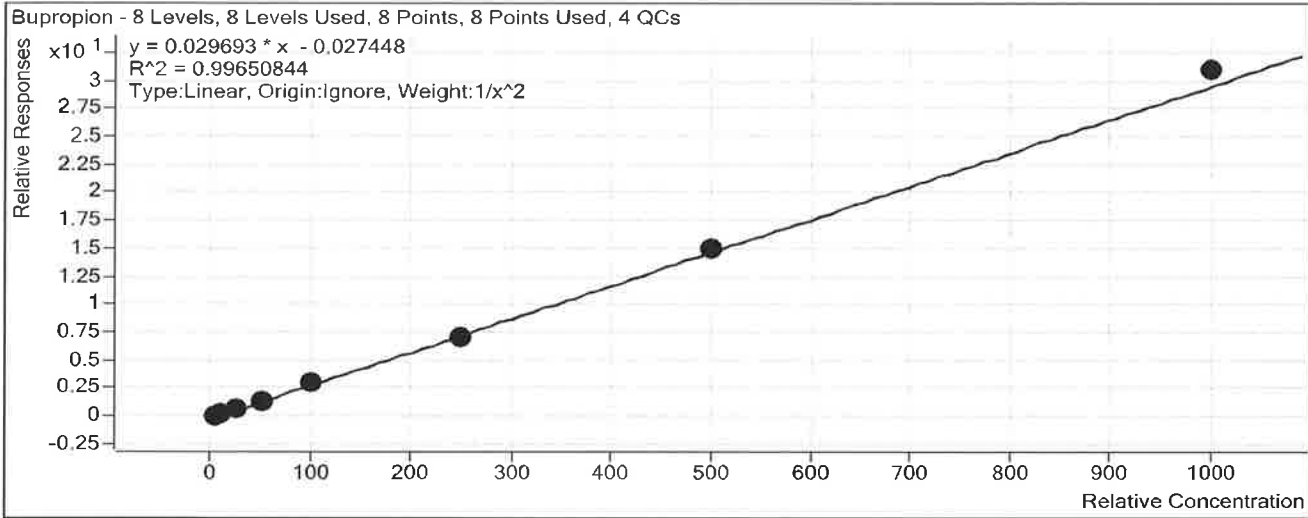
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	101.0
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.9	103.7
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.1	90.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.8	105.8
a QC 100	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.8	95.9
a QC 250	6	<input checked="" type="checkbox"/>	250	246.7	98.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.7	101.3
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1041.0	104.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	934.2	93.4

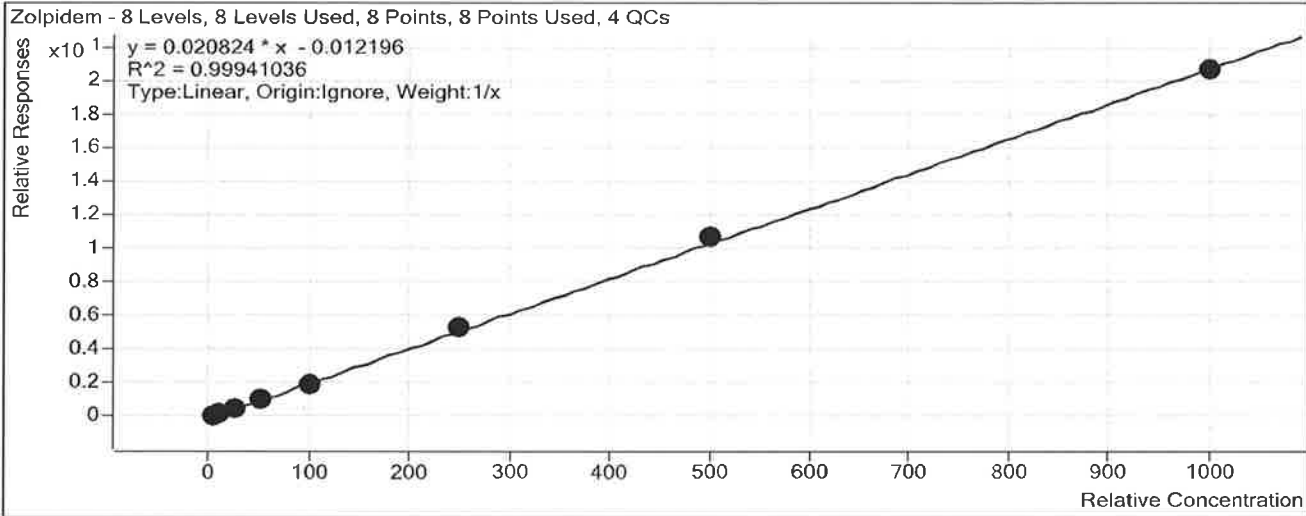
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.1	101.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.3	101.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.0	93.0
a QC 100	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.5	101.4
a QC 250	6	<input checked="" type="checkbox"/>	250	256.8	102.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	513.8	102.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	989.6	99.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	913.7	91.4

ISP FORENSICS

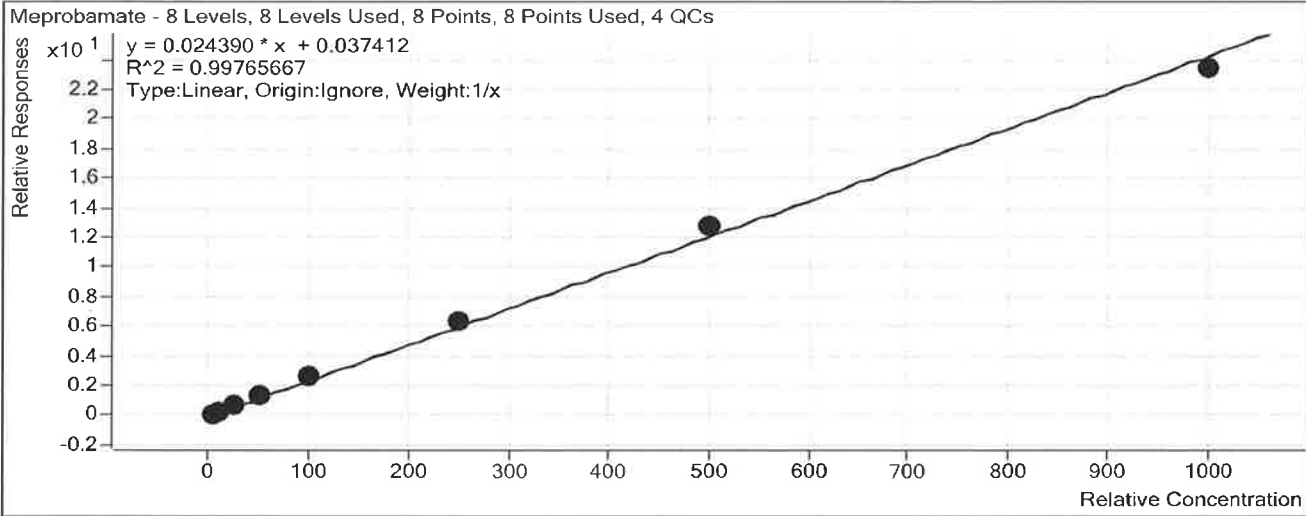
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	4.0	79.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
a QC 10	2	<input checked="" type="checkbox"/>	10	9.0	89.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.0	104.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	54.2	108.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	105.7	105.7
a QC 100	5	<input checked="" type="checkbox"/>	100	108.9	108.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	260.6	104.2
a QC 250	6	<input checked="" type="checkbox"/>	250	266.9	106.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	522.1	104.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	957.6	95.8
a QC 1000	8	<input checked="" type="checkbox"/>	1000	954.9	95.5

ISP FORENSICS

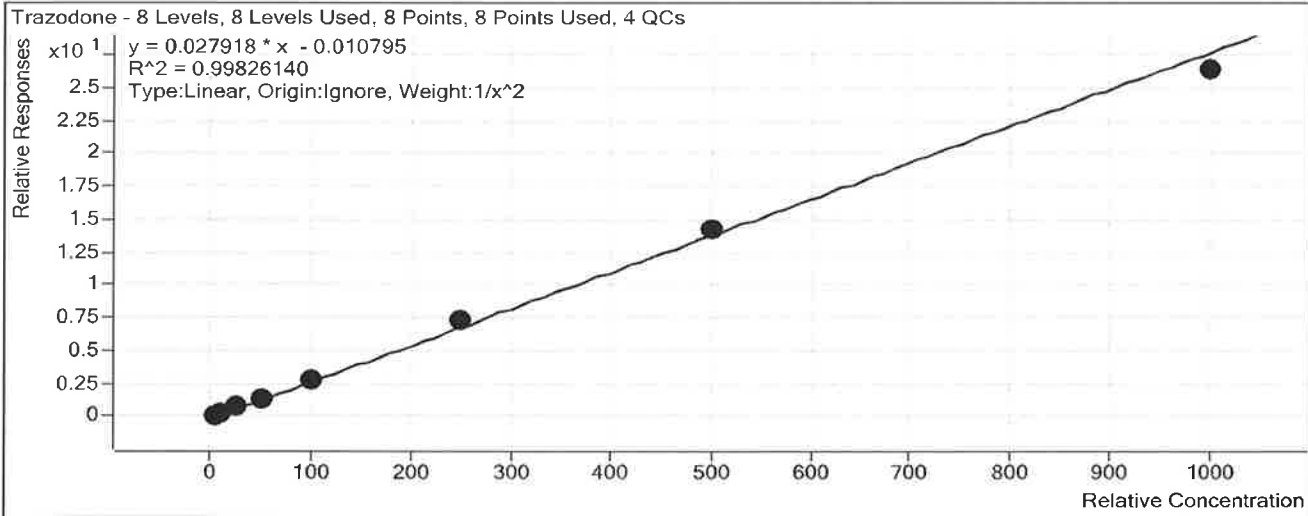
Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 PM **Analyst Name** ISP TOX

Target Compound Trazodone
Internal Standard Trazodone-D6



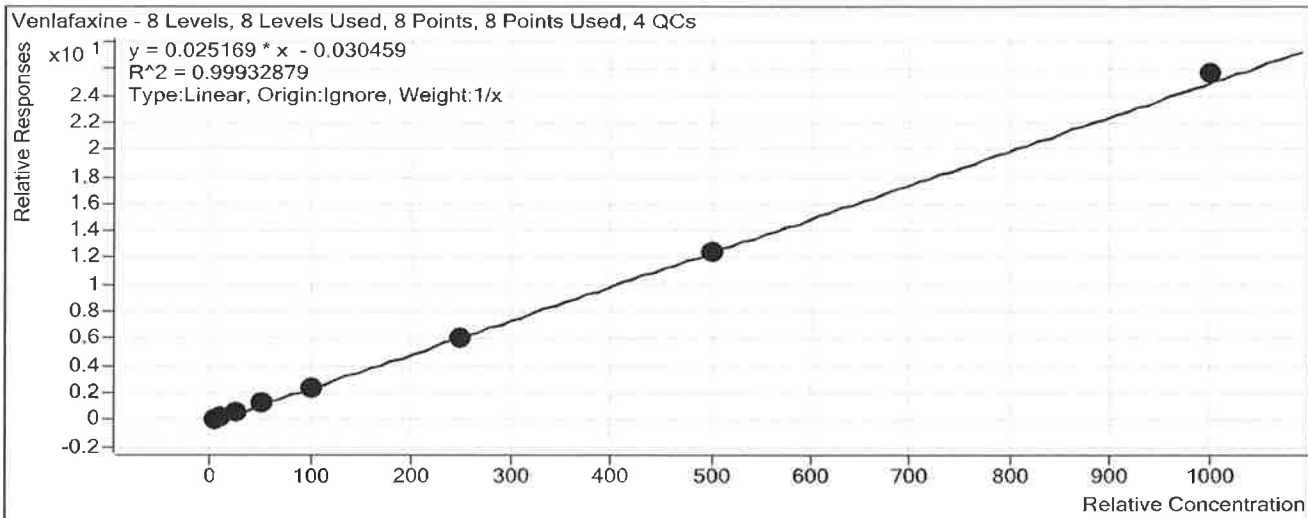
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.5	102.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.1	101.1
a QC 100	5	<input checked="" type="checkbox"/>	100	105.5	105.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.7	104.7
a QC 250	6	<input checked="" type="checkbox"/>	250	249.4	99.7
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.5	102.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	945.4	94.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	869.8	87.0

ISP FORENSICS Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin
Last Calib Update 1/12/2018 3:23 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	5.7	113.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.4
a QC 10	2	<input checked="" type="checkbox"/>	10	10.5	105.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.7	94.8
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.7	97.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.6	94.6
a QC 100	5	<input checked="" type="checkbox"/>	100	96.9	96.9
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.5	97.0
a QC 250	6	<input checked="" type="checkbox"/>	250	246.0	98.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.4	98.9
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1020.2	102.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1017.0	101.7

ISP FORENSICS

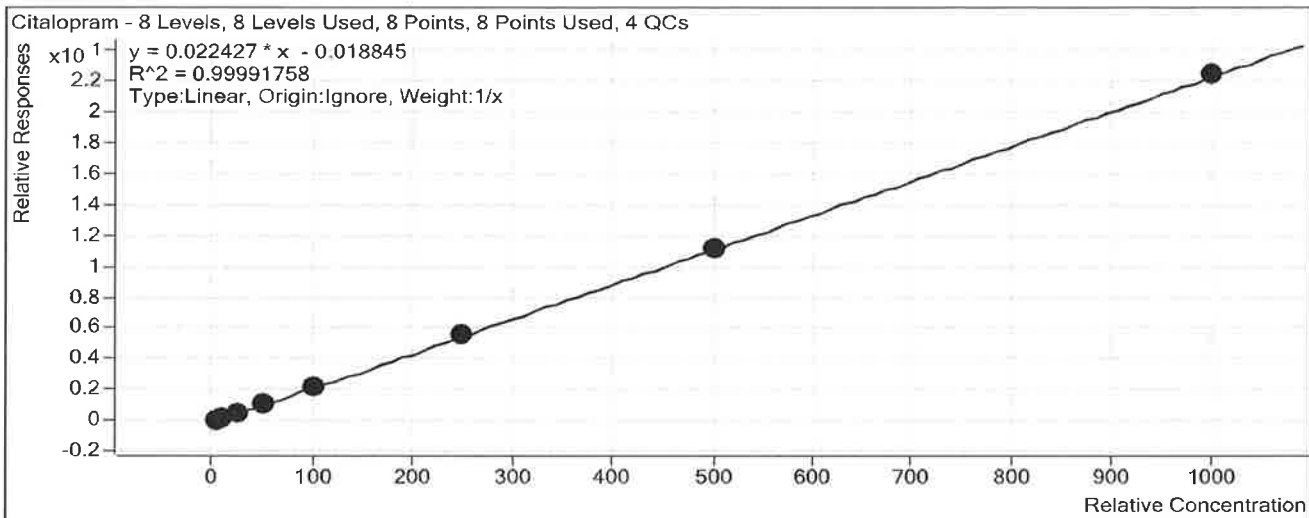
Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 PM **Analyst Name** ISP TOX

S

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	5.3	106.2
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a QC 10	2	<input checked="" type="checkbox"/>	10	10.1	100.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.9	95.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
a QC 100	5	<input checked="" type="checkbox"/>	100	93.5	93.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.5	100.6
a QC 250	6	<input checked="" type="checkbox"/>	250	242.9	97.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	500.4	100.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1000.3	100.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	948.0	94.8

ISP FORENSICS

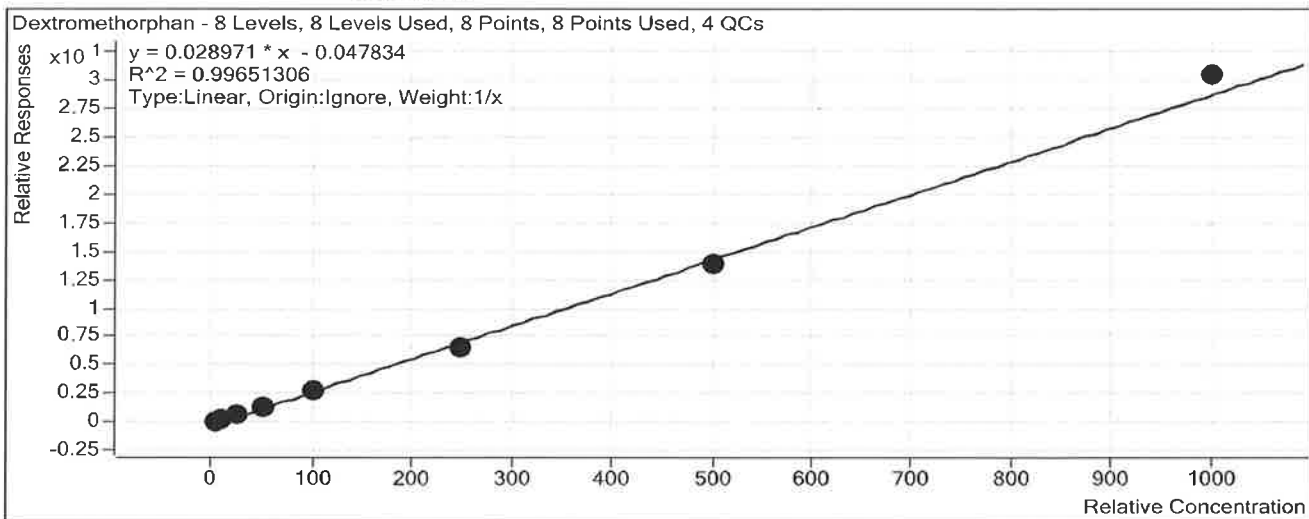
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.7	113.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.5	104.7
a QC 10	2	<input checked="" type="checkbox"/>	10	10.8	108.3
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.6
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.7	95.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	95.9	95.9
a QC 100	5	<input checked="" type="checkbox"/>	100	95.1	95.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	225.7	90.3
a QC 250	6	<input checked="" type="checkbox"/>	250	225.7	90.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	479.0	95.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1050.7	105.1
a QC 1000	8	<input checked="" type="checkbox"/>	1000	912.4	91.2

ISP FORENSICS

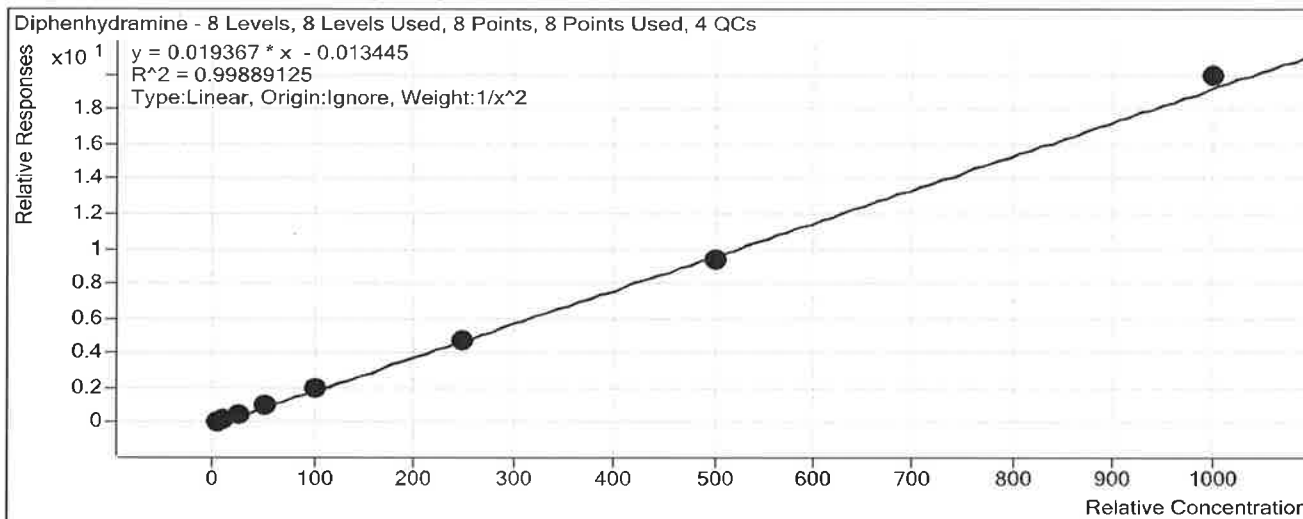
Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	4.9	98.4
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.9
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	94.6
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.2	104.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.8	97.6
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a QC 100	5	<input checked="" type="checkbox"/>	100	92.3	92.3
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.8	97.1
a QC 250	6	<input checked="" type="checkbox"/>	250	237.0	94.8
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	488.4	97.7
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1029.4	102.9
a QC 1000	8	<input checked="" type="checkbox"/>	1000	953.9	95.4

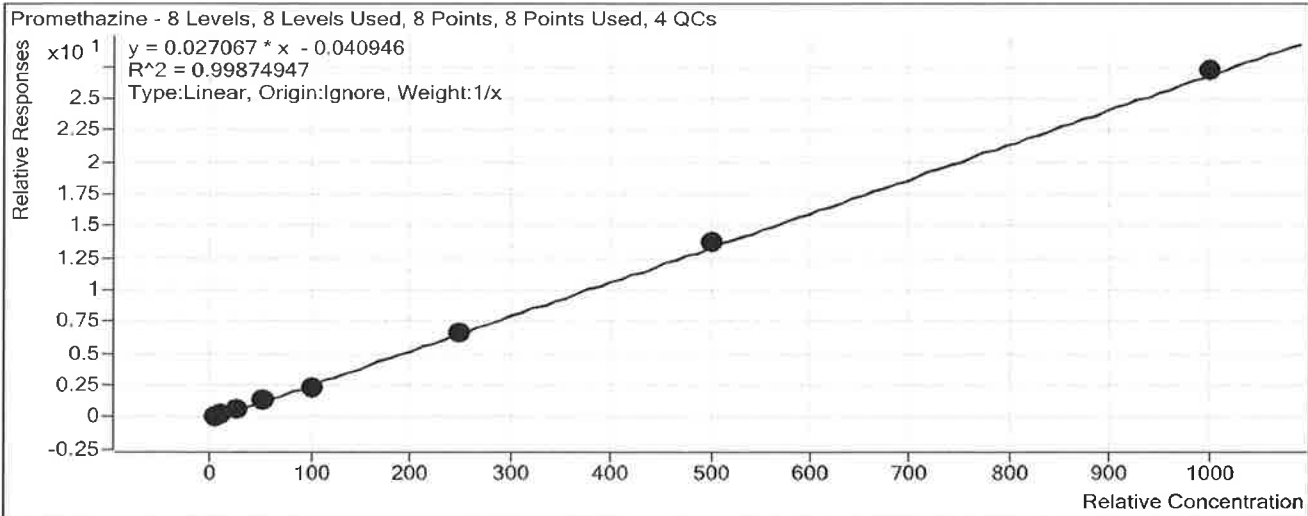
ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 PM **Analyst Name** ISP TOX

Target Compound Promethazine
Internal Standard Promethazine-D3



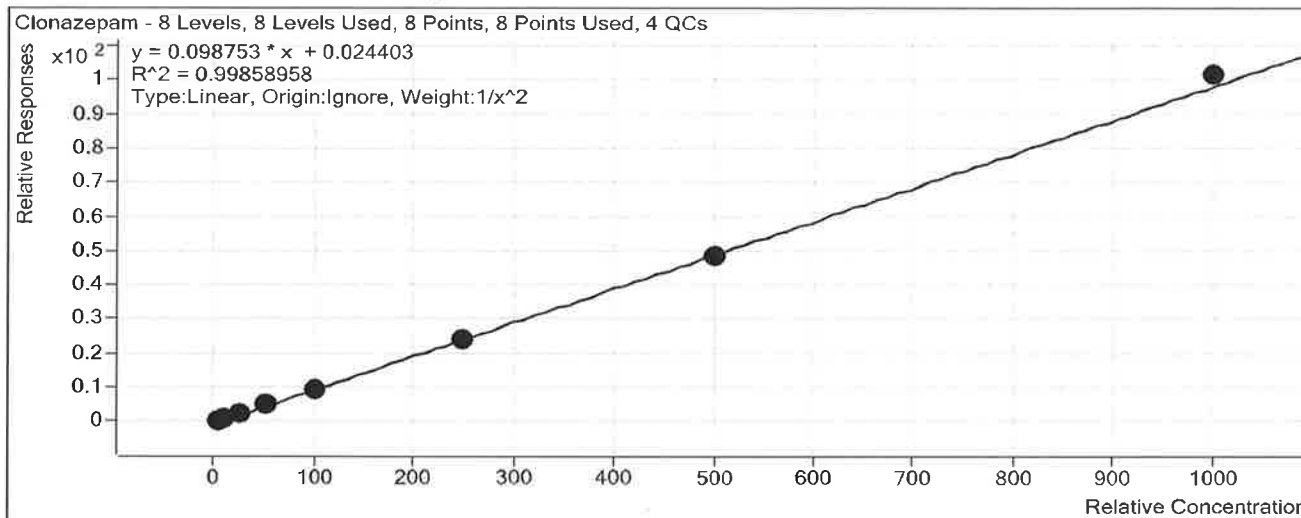
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.9	118.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a QC 10	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	87.0	87.0
a QC 100	5	<input checked="" type="checkbox"/>	100	95.2	95.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.8	98.7
a QC 250	6	<input checked="" type="checkbox"/>	250	253.2	101.3
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	510.4	102.1
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1006.3	100.6
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1196.1	119.6

ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin
Last Calib Update 1/12/2018 3:23 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	4.9	98.1
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	97.7
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	26.5	105.9
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.3
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.2	96.2
a QC 100	5	<input checked="" type="checkbox"/>	100	103.4	103.4
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.2	97.7
a QC 250	6	<input checked="" type="checkbox"/>	250	242.7	97.1
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.1	98.8
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1026.7	102.7
a QC 1000	8	<input checked="" type="checkbox"/>	1000	932.3	93.2

ISP FORENSICS

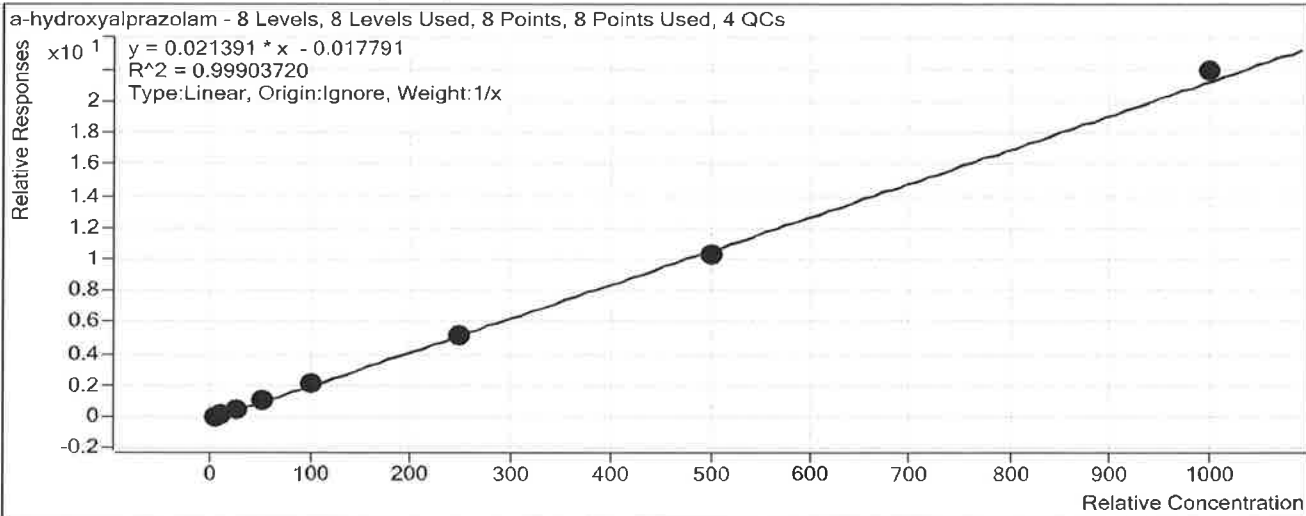
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	4.9	97.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.4
a QC 10	2	<input checked="" type="checkbox"/>	10	9.5	95.0
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.0	100.0
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.4	100.9
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a QC 100	5	<input checked="" type="checkbox"/>	100	99.1	99.1
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	239.3	95.7
a QC 250	6	<input checked="" type="checkbox"/>	250	246.1	98.4
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	483.1	96.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1023.8	102.4
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1054.0	105.4

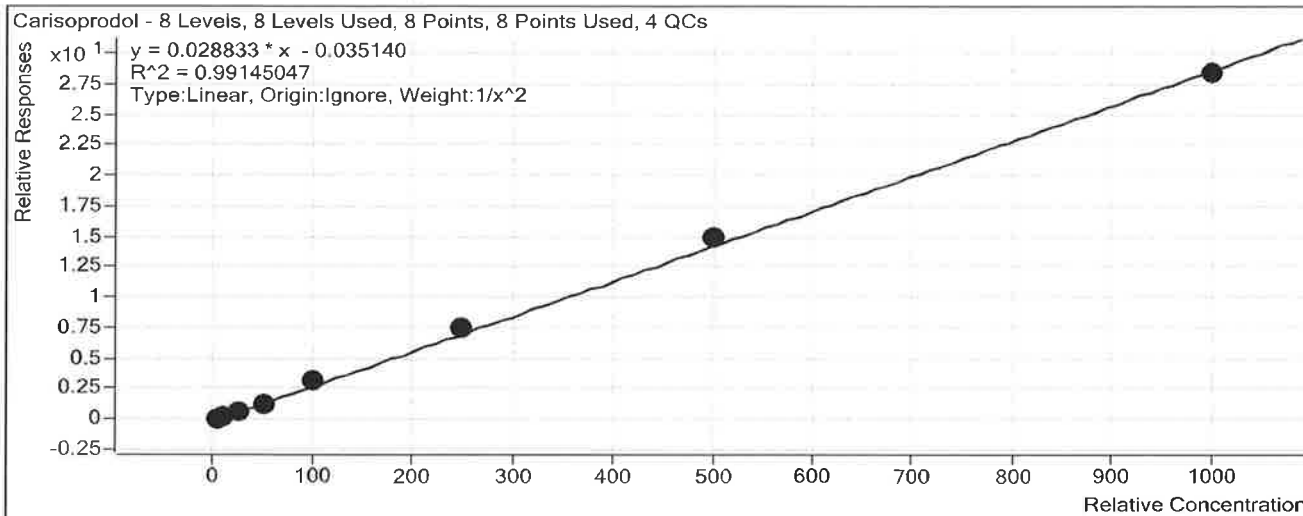
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.2	103.3
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.9
a QC 10	2	<input checked="" type="checkbox"/>	10	11.4	113.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.6	90.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	44.3	88.7
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	113.9	113.9
a QC 100	5	<input checked="" type="checkbox"/>	100	110.7	110.7
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	258.9	103.6
a QC 250	6	<input checked="" type="checkbox"/>	250	218.9	87.5
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	518.2	103.6
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	985.2	98.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1006.2	100.6

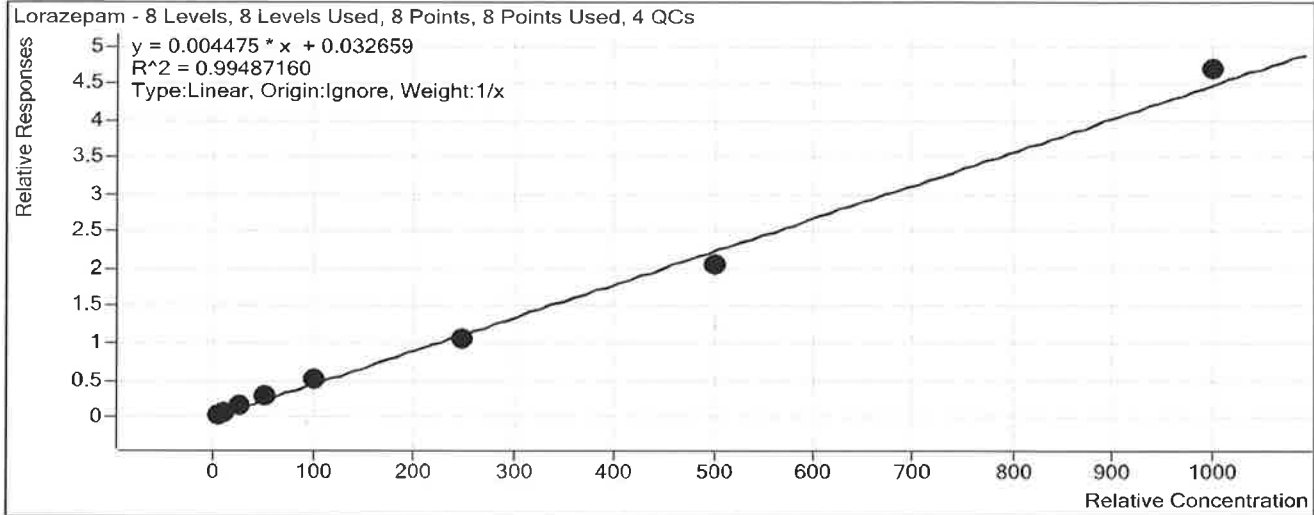
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	3.7	73.8
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.7
a QC 10	2	<input checked="" type="checkbox"/>	10	11.4	113.9
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	27.6	110.5
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	57.7	115.5
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	109.7	109.7
a QC 100	5	<input checked="" type="checkbox"/>	100	120.5	120.5
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.9	93.5
a QC 250	6	<input checked="" type="checkbox"/>	250	239.0	95.6
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	457.0	91.4
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1040.3	104.0
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1013.5	101.3

ISP FORENSICS

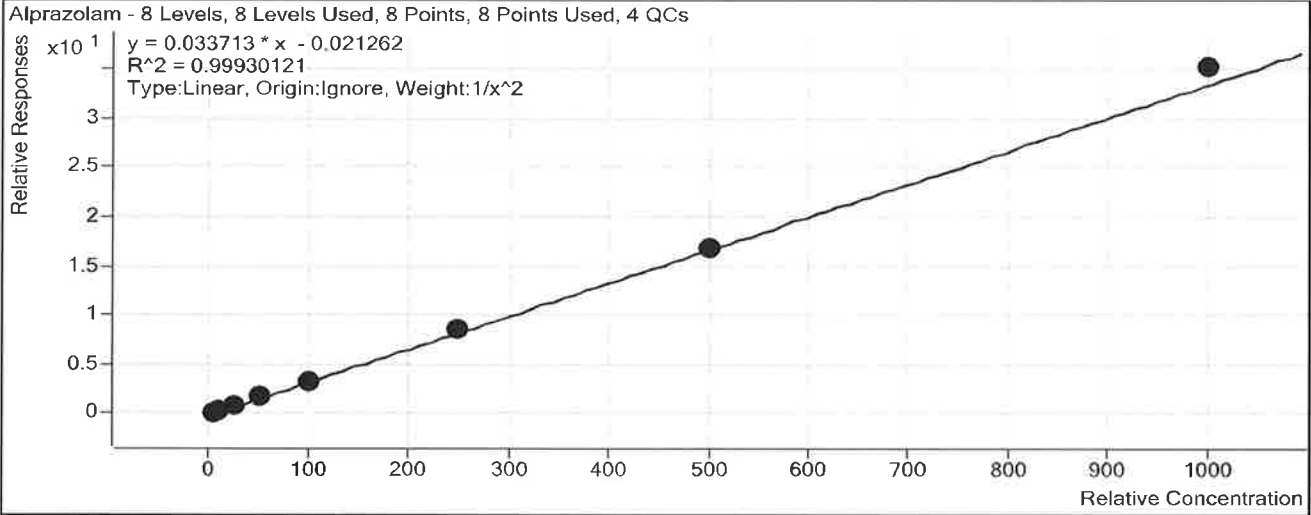
Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.bin

Last Calib Update 1/12/2018 3:23 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	5.0	99.9
a cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	101.0
a QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.4
a cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.4
a cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.4
a cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a QC 100	5	<input checked="" type="checkbox"/>	100	98.2	98.2
a cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.6	100.6
a QC 250	6	<input checked="" type="checkbox"/>	250	252.5	101.0
a cal 7-500ng	7	<input checked="" type="checkbox"/>	500	497.7	99.5
a cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1045.2	104.5
a QC 1000	8	<input checked="" type="checkbox"/>	1000	1043.7	104.4

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

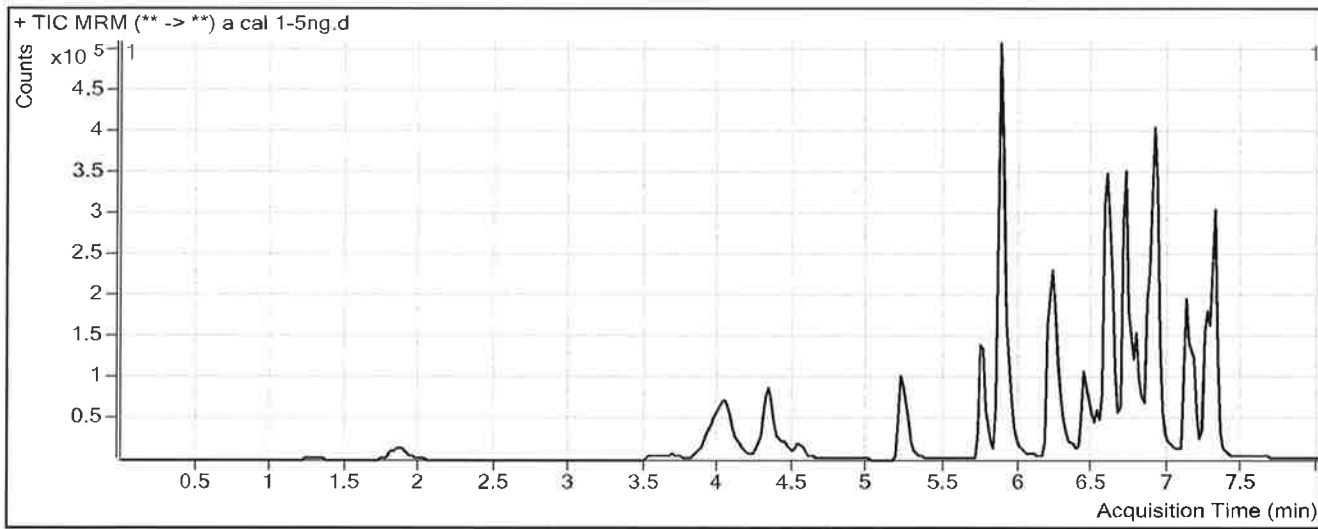
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1a SP 011118.batch.t
Analysis Time 1/12/2018 3:23 PM **Analyst Name** ISPUser
Report Time 1/12/2018 3:30 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 13:29 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-H12 **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	1.308	2828	19513	0.1449	5.9685
Hydromorphone	Hydromorphone-D6	1.869	11620	91274	0.1273	5.1538
Codeine	Codeine-D6	3.692	4950	48158	0.1028	5.2340
Oxycodone	Oxycodone-D6	4.066	40511	299655	0.1352	5.2146
Amphetamine	Amphetamine-D11	4.083	119650	221933	0.5391	4.8810
Hydrocodone	Hydrocodone-D6	4.351	14841	174961	0.0848	4.8958
Norhydrocodone	Norhydrocodone-D3	4.375	956	40806	0.0234	5.4715
Methamphetamine	Methamphetamine-D11	4.439	37707	237180	0.1590	5.2824
6-MAM	6-MAM-D6	4.547	430	50714	0.0085	0.5340
Phentermine	Phentermine-D5	5.261	20754	388785	0.0534	4.6516
Dextrorphan	Dextrorphan-D3	5.740	21714	440353	0.0493	5.0643
Tramadol	Tramadol-13C-D3	5.897	140328	1297237	0.1082	4.9885
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	40220	297998	0.1350	3.5741
Doxylamine	Doxylamine-D5	6.240	99471	933942	0.1065	5.0122
Bupropion	Bupropion-D9	6.468	39154	319471	0.1226	5.0519
Zolpidem	Zolpidem-D6	6.616	111738	1198157	0.0933	5.0640
Meprobamate	Meprobamate-D7	6.551	16524	123341	0.1340	3.9588
Trazodone	Trazodone-D6	6.814	48260	366467	0.1317	5.1036
Venlafaxine	Venlafaxine-D6	6.722	106240	941341	0.1129	5.6944
Citalopram	Citalopram-D6	6.856	40524	404164	0.1003	5.3111

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a cal 1*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	14981	128780	0.1163	5.6665
Diphenhydramine	Diphenhydramine-D3	6.930	74112	905488	0.0818	4.9204
Promethazine	Promethazine-D3	7.126	53747	451298	0.1191	5.9127
Clonazepam	Clonazepam-D4	7.162	47852	94061	0.5087	4.9045
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	7956	91537	0.0869	4.8948
Carisoprodol	Carisoprodol-D7	7.272	35531	312412	0.1137	5.1632
Lorazepam	Alprazolam-D5	7.282	24931	507122	0.0492	3.6882
Alprazolam	Alprazolam-D5	7.305	74625	507122	0.1472	4.9956

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

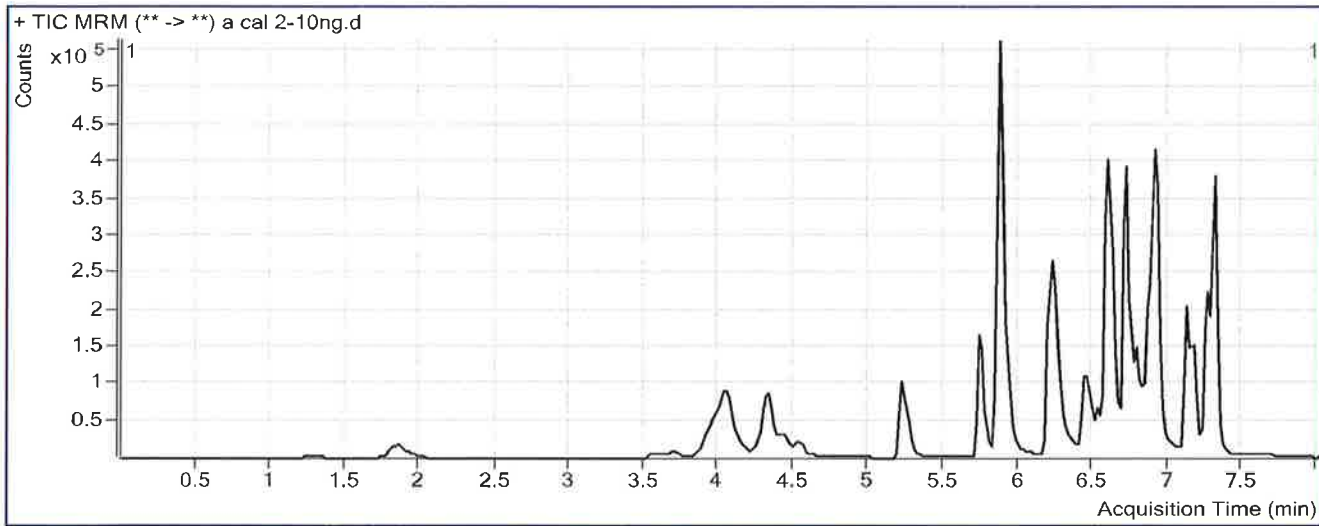
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Report Time	1/12/2018 3:30 PM	Reporter Name	ISPUser
Last Calib Update	1/12/2018 3:23 PM	Batch State	Processed

Analysis Info

Acq Time	2018-01-11 14:01	Data File	a cal 2-10ng.d
Sample Type	Calibration	Sample Name	a cal 2-10ng
Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-G12	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	1.288	5756	19345	0.2975	10.5287
Hydromorphone	Hydromorphone-D6	1.869	23645	88456	0.2673	9.6661
Codeine	Codeine-D6	3.712	10982	46785	0.2347	10.6664
Oxycodone	Oxycodone-D6	4.066	75624	299919	0.2521	9.2505
Amphetamine	Amphetamine-D11	4.083	183938	219964	0.8362	10.0120
Hydrocodone	Hydrocodone-D6	4.351	29447	172235	0.1710	10.0333
Norhydrocodone	Norhydrocodone-D3	4.355	1535	40240	0.0381	8.4154
Methamphetamine	Methamphetamine-D11	4.439	71803	249494	0.2878	9.2366
6-MAM	6-MAM-D6	4.547	1085	48479	0.0224	1.1298
Phentermine	Phentermine-D5	5.261	40932	369522	0.1108	9.8892
Dextrorphan	Dextrorphan-D3	5.740	46459	440856	0.1054	9.8653
Tramadol	Tramadol-13C-D3	5.897	285698	1293142	0.2209	10.2051
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	81717	311653	0.2622	8.8864
Doxylamine	Doxylamine-D5	6.240	213478	929082	0.2298	10.0560
Bupropion	Bupropion-D9	6.468	77753	295258	0.2633	9.7931
Zolpidem	Zolpidem-D6	6.616	241265	1203901	0.2004	10.2091
Meprobamate	Meprobamate-D7	6.551	34174	123362	0.2770	9.8244
Trazodone	Trazodone-D6	6.834	87298	342758	0.2547	9.5094
Venlafaxine	Venlafaxine-D6	6.722	211258	939718	0.2248	10.1423
Citalopram	Citalopram-D6	6.856	77857	375908	0.2071	10.0757

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

a cal 2 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	30624	119859	0.2555	10.4702
Diphenhydramine	Diphenhydramine-D3	6.930	147182	800349	0.1839	10.1896
Promethazine	Promethazine-D3	7.126	88084	407037	0.2164	9.5077
Clonazepam	Clonazepam-D4	7.162	100600	97270	1.0342	10.2258
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	18977	93322	0.2033	10.3378
Carisoprodol	Carisoprodol-D7	7.272	77766	314536	0.2472	9.7936
Lorazepam	Alprazolam-D5	7.282	39809	509429	0.0781	10.1653
Alprazolam	Alprazolam-D5	7.305	162633	509429	0.3192	10.1003

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

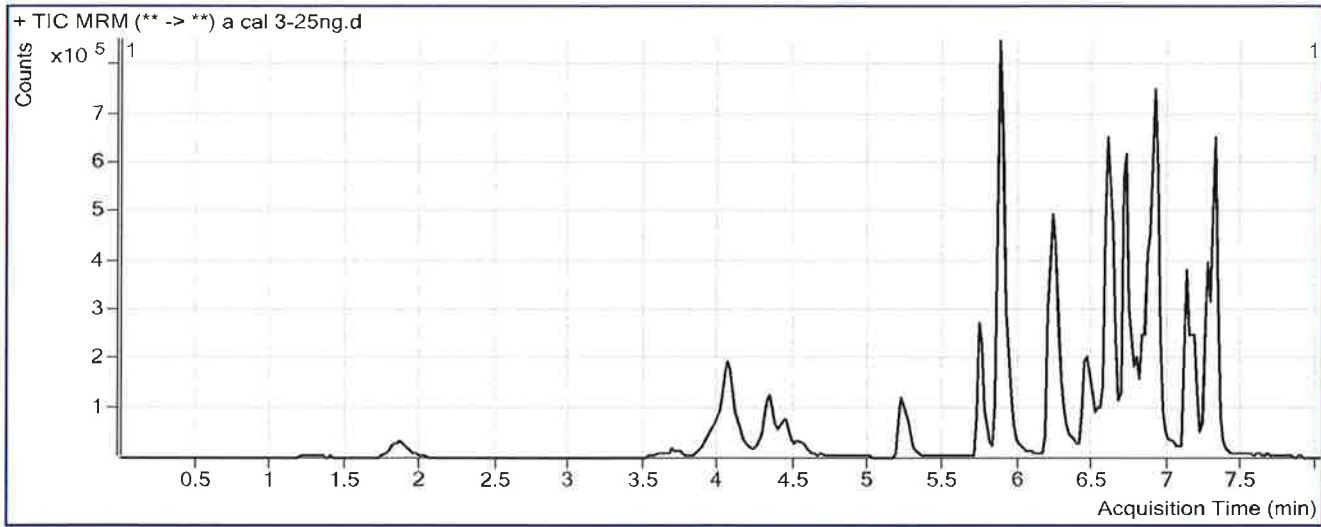
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Report Time	1/12/2018 3:30 PM	Reporter Name	ISPUser
Last Calib Update	1/12/2018 3:23 PM	Batch State	Processed

Analysis Info

Acq Time	2018-01-11 14:32	Data File	a cal 3-25ng.d
Sample Type	Calibration	Sample Name	a cal 3-25ng
Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-F12	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	1.288	16945	22624	0.7490	24.0164
Hydromorphone	Hydromorphone-D6	1.869	74242	104764	0.7087	23.8915
Codeine	Codeine-D6	3.712	31908	55522	0.5747	24.6629
Oxycodone	Oxycodone-D6	4.046	248082	349265	0.7103	25.0604
Amphetamine	Amphetamine-D11	4.083	440946	248142	1.7770	26.2599
Hydrocodone	Hydrocodone-D6	4.331	86118	203071	0.4241	25.1276
Norhydrocodone	Norhydrocodone-D3	4.375	5143	46624	0.1103	22.8498
Methamphetamine	Methamphetamine-D11	4.439	218345	292353	0.7469	23.3279
6-MAM	6-MAM-D6	4.547	3301	61541	0.0536	2.4679
Phentermine	Phentermine-D5	5.261	120759	468181	0.2579	23.3200
Dextrorphan	Dextrorphan-D3	5.740	144573	517877	0.2792	24.7447
Tramadol	Tramadol-13C-D3	5.897	864290	1529971	0.5649	26.1185
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	236279	347644	0.6797	26.3158
Doxylamine	Doxylamine-D5	6.240	613472	1099954	0.5577	23.4748
Bupropion	Bupropion-D9	6.468	238462	321287	0.7422	25.9205
Zolpidem	Zolpidem-D6	6.616	739684	1434423	0.5157	25.3483
Meprobamate	Meprobamate-D7	6.551	94406	140589	0.6715	25.9983
Trazodone	Trazodone-D6	6.814	308606	440360	0.7008	25.4885
Venlafaxine	Venlafaxine-D6	6.722	637504	1126177	0.5661	23.7016
Citalopram	Citalopram-D6	6.856	256229	495488	0.5171	23.8989

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a cal 3*

5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	100993	149999	0.6733	24.8916
Diphenhydramine	Diphenhydramine-D3	6.910	492514	996193	0.4944	26.2220
Promethazine	Promethazine-D3	7.126	358666	560925	0.6394	25.1361
Clonazepam	Clonazepam-D4	7.162	264773	100333	2.6389	26.4755
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	52256	101080	0.5170	24.9993
Carisoprodol	Carisoprodol-D7	7.272	220520	357148	0.6174	22.6334
Lorazepam	Alprazolam-D5	7.282	88519	566566	0.1562	27.6179
Alprazolam	Alprazolam-D5	7.305	462764	566566	0.8168	24.8585

S

ISP FORENSICS - Pocatello Instrument # 59740

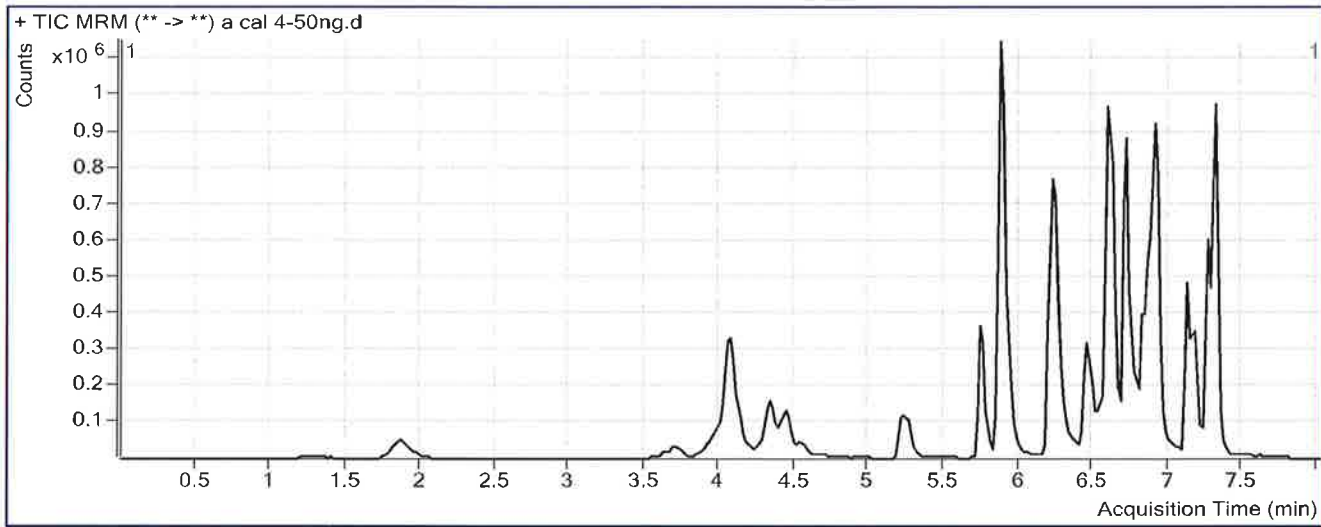
Multi-Drug Confirmatory Analysis Report

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Report Time 1/12/2018 3:30 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 15:04 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-E12 **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	1.308	32443	22232	1.4593	45.2365
Hydromorphone	Hydromorphone-D6	1.869	151756	105501	1.4384	47.4130
Codeine	Codeine-D6	3.712	64117	57087	1.1232	47.2444
Oxycodone	Oxycodone-D6	4.046	498464	349428	1.4265	49.7758
Amphetamine	Amphetamine-D11	4.083	784610	232128	3.3801	53.9466
Hydrocodone	Hydrocodone-D6	4.351	171325	206208	0.8308	49.3848
Norhydrocodone	Norhydrocodone-D3	4.375	10973	43699	0.2511	51.0129
Methamphetamine	Methamphetamine-D11	4.439	404430	271282	1.4908	46.1645
6-MAM	6-MAM-D6	4.547	6739	61717	0.1092	4.8468
Phentermine	Phentermine-D5	5.261	225319	390542	0.5769	52.4340
Dextrorphan	Dextrorphan-D3	5.740	277415	502712	0.5518	48.0913
Tramadol	Tramadol-13C-D3	5.897	1685394	1653938	1.0190	47.1273
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	481010	341726	1.4076	56.7081
Doxylamine	Doxylamine-D5	6.240	1292922	980284	1.3189	54.6209
Bupropion	Bupropion-D9	6.468	412933	314953	1.3111	45.0794
Zolpidem	Zolpidem-D6	6.616	1500153	1470165	1.0204	49.5857
Meprobamate	Meprobamate-D7	6.551	186843	137346	1.3604	54.2433
Trazodone	Trazodone-D6	6.834	556044	407658	1.3640	49.2431
Venlafaxine	Venlafaxine-D6	6.722	1246996	1043344	1.1952	48.6976
Citalopram	Citalopram-D6	6.856	454655	428269	1.0616	48.1775

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

a cal 4

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	179648	134780	1.3329	47.6596
Diphenhydramine	Diphenhydramine-D3	6.930	866563	930256	0.9315	48.7933
Promethazine	Promethazine-D3	7.126	618621	482788	1.2814	48.8522
Clonazepam	Clonazepam-D4	7.162	456510	93545	4.8801	49.1704
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	102701	96764	1.0614	50.4478
Carisoprodol	Carisoprodol-D7	7.272	426122	342846	1.2429	44.3255
Lorazepam	Alprazolam-D5	7.282	159096	546658	0.2910	57.7424
Alprazolam	Alprazolam-D5	7.305	895335	546658	1.6378	49.2128

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

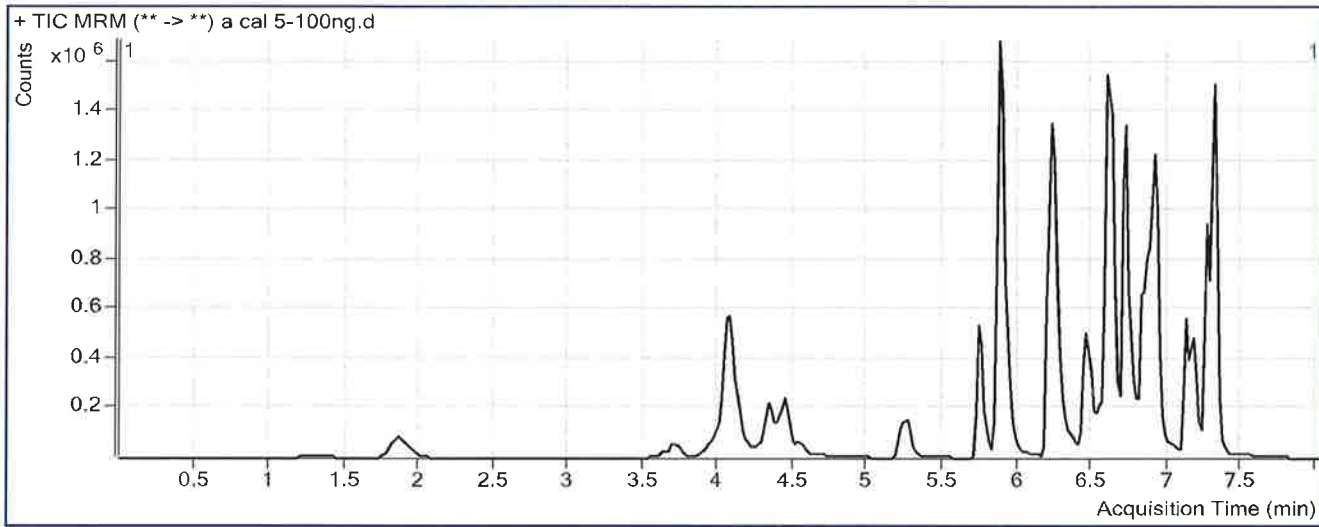
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Analysis Info

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Sample Type	Calibration	Sample Name	a cal 5-100ng
Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-D12	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	1.288	64528	21311	3.0279	92.1023
Hydromorphone	Hydromorphone-D6	1.869	300586	100497	2.9910	97.4543
Codeine	Codeine-D6	3.712	124564	52710	2.3632	98.2984
Oxycodone	Oxycodone-D6	4.046	981045	341817	2.8701	99.5910
Amphetamine	Amphetamine-D11	4.083	1485312	214605	6.9211	115.1036
Hydrocodone	Hydrocodone-D6	4.331	334875	201038	1.6657	99.1748
Norhydrocodone	Norhydrocodone-D3	4.375	19232	39472	0.4872	98.2419
Methamphetamine	Methamphetamine-D11	4.439	748086	220269	3.3962	104.6539
6-MAM	6-MAM-D6	4.547	11912	57856	0.2059	8.9879
Phentermine	Phentermine-D5	5.261	421748	366531	1.1506	104.7936
Dextrorphan	Dextrorphan-D3	5.740	524258	457557	1.1458	98.9452
Tramadol	Tramadol-13C-D3	5.897	3232481	1463383	2.2089	102.1758
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	901716	322347	2.7973	114.7328
Doxylamine	Doxylamine-D5	6.220	2270935	948614	2.3940	98.6079
Bupropion	Bupropion-D9	6.468	822454	264068	3.1146	105.8163
Zolpidem	Zolpidem-D6	6.616	2721704	1414835	1.9237	92.9623
Meprobamate	Meprobamate-D7	6.551	324787	124194	2.6152	105.6906
Trazodone	Trazodone-D6	6.814	971229	345551	2.8107	101.0608
Venlafaxine	Venlafaxine-D6	6.722	2365984	1007009	2.3495	94.5613
Citalopram	Citalopram-D6	6.856	810473	363161	2.2317	100.3526

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

a cal 5 β

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	283949	103960	2.7313	95.9306
Diphenhydramine	Diphenhydramine-D3	6.930	1426390	745469	1.9134	99.4920
Promethazine	Promethazine-D3	7.126	793906	343262	2.3128	86.9602
Clonazepam	Clonazepam-D4	7.162	753320	79077	9.5265	96.2205
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	181227	82841	2.1876	103.0998
Carisoprodol	Carisoprodol-D7	7.272	849021	261315	3.2490	113.9033
Lorazepam	Alprazolam-D5	7.282	267562	511258	0.5233	109.6589
Alprazolam	Alprazolam-D5	7.305	1652935	511258	3.2331	96.5313

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

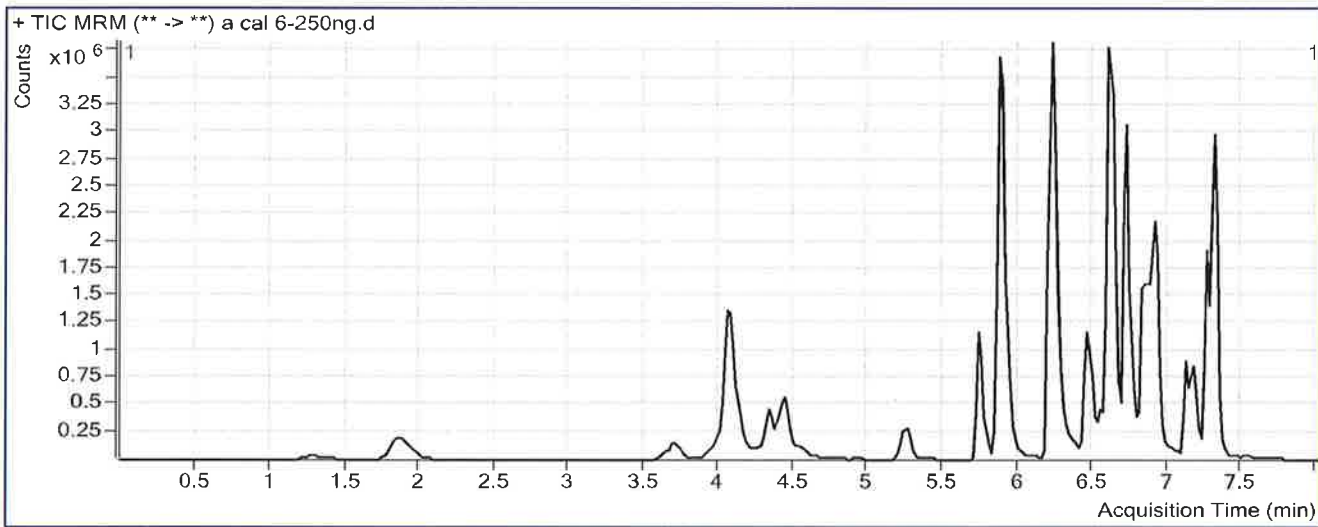


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Analysis Info

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Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-C12	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	1.288	180422	22879	7.8859	237.2411
Hydromorphone	Hydromorphone-D6	1.869	833166	105304	7.9120	256.0640
Codeine	Codeine-D6	3.712	311756	52653	5.9210	244.7798
Oxycodone	Oxycodone-D6	4.046	2630724	364792	7.2116	249.4078
Amphetamine	Amphetamine-D11	4.083	3234981	233830	13.8347	234.5073
Hydrocodone	Hydrocodone-D6	4.331	879760	202722	4.3397	258.6413
Norhydrocodone	Norhydrocodone-D3	4.375	51846	41762	1.2415	249.0987
Methamphetamine	Methamphetamine-D11	4.439	1855843	239153	7.7601	238.6070
6-MAM	6-MAM-D6	4.547	33145	61446	0.5394	23.2717
Phentermine	Phentermine-D5	5.261	981099	359934	2.7258	248.5466
Dextrophan	Dextrophan-D3	5.740	1339111	463698	2.8879	248.1077
Tramadol	Tramadol-13C-D3	5.897	8980323	1712253	5.2447	242.6239
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	2145891	323445	6.6345	274.9393
Doxylamine	Doxylamine-D5	6.220	5998294	1100952	5.4483	223.5822
Bupropion	Bupropion-D9	6.468	1821729	256805	7.0938	239.8300
Zolpidem	Zolpidem-D6	6.596	8206479	1558316	5.2662	253.4738
Meprobamate	Meprobamate-D7	6.551	769771	120410	6.3929	260.5822
Trazodone	Trazodone-D6	6.834	2380850	326304	7.2964	261.7338
Venlafaxine	Venlafaxine-D6	6.722	6308675	1038642	6.0740	242.5412
Citalopram	Citalopram-D6	6.856	1694948	301470	5.6223	251.5378

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

a cal b D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	548940	84569	6.4910	225.7063
Diphenhydramine	Diphenhydramine-D3	6.930	3025671	645406	4.6880	242.7565
Promethazine	Promethazine-D3	7.126	1682567	253383	6.6404	246.8424
Clonazepam	Clonazepam-D4	7.162	1502021	62210	24.1442	244.2445
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	381703	74816	5.1019	239.3355
Carisoprodol	Carisoprodol-D7	7.272	1805402	243007	7.4294	258.8894
Lorazepam	Alprazolam-D5	7.282	499704	463066	1.0791	233.8669
Alprazolam	Alprazolam-D5	7.305	3917432	463066	8.4598	251.5678

ISP FORENSICS - Pocatello Instrument # 59740

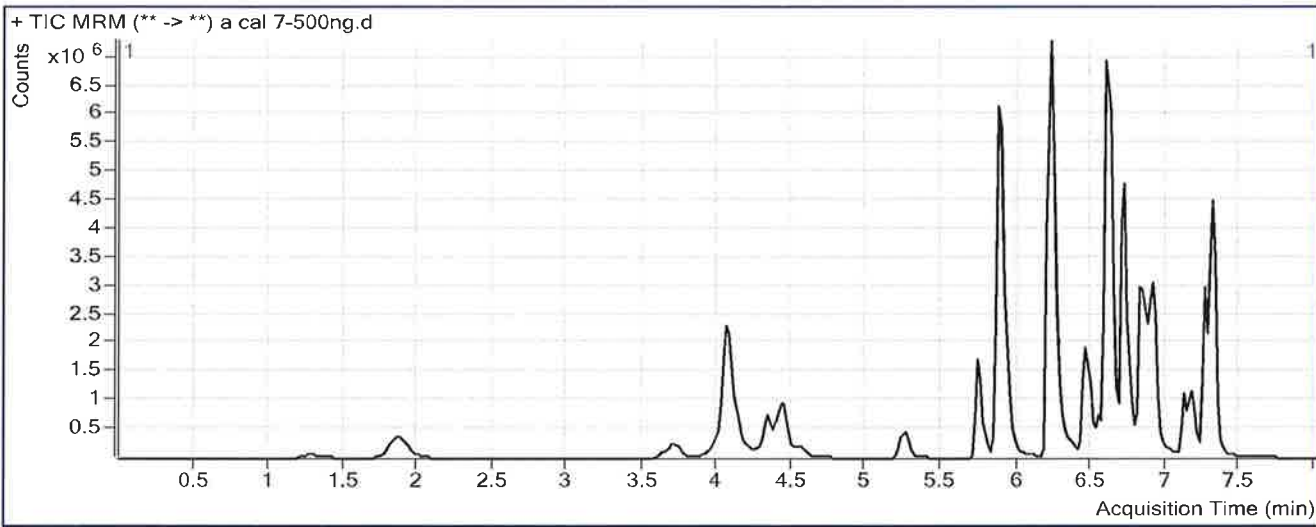
Multi-Drug Confirmatory Analysis Report

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Analysis Info

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Sample Type	Calibration	Sample Name	a cal 7-500ng
Dilution	1	Acq Method	MD Quant Panel 1a 12-12-17.m
Position	P1-B12	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	1.288	352177	21407	16.4514	493.1451
Hydromorphone	Hydromorphone-D6	1.869	1603456	98532	16.2735	525.5668
Codeine	Codeine-D6	3.712	569207	48526	11.7300	483.9464
Oxycodone	Oxycodone-D6	4.046	5086626	341815	14.8812	514.0743
Amphetamine	Amphetamine-D11	4.083	4924779	172137	28.6096	489.6812
Hydrocodone	Hydrocodone-D6	4.331	1626004	191704	8.4818	505.6592
Norhydrocodone	Norhydrocodone-D3	4.375	91974	34782	2.6443	529.6974
Methamphetamine	Methamphetamine-D11	4.439	3187853	177832	17.9262	550.6697
6-MAM	6-MAM-D6	4.547	64451	56719	1.1363	48.8334
Phentermine	Phentermine-D5	5.261	1765954	287285	6.1470	560.7883
Dextrorphan	Dextrorphan-D3	5.740	2150388	362991	5.9241	508.0699
Tramadol	Tramadol-13C-D3	5.897	16612083	1550986	10.7107	495.4964
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	3552636	290907	12.2123	507.8210
Doxylamine	Doxylamine-D5	6.220	12205005	976087	12.5040	512.2825
Bupropion	Bupropion-D9	6.468	3139577	209054	15.0180	506.7000
Zolpidem	Zolpidem-D6	6.596	15835251	1481774	10.6867	513.7663
Meprobamate	Meprobamate-D7	6.551	1326910	103908	12.7701	522.0536
Trazodone	Trazodone-D6	6.834	4442643	311954	14.2413	510.4913
Venlafaxine	Venlafaxine-D6	6.722	10900403	878084	12.4138	494.4380
Citalopram	Citalopram-D6	6.856	2446364	218370	11.2029	500.3754

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

a cal 7 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.907	744070	53803	13.8296	479.0161
Diphenhydramine	Diphenhydramine-D3	6.930	4363017	461902	9.4458	488.4196
Promethazine	Promethazine-D3	7.126	2108819	153087	13.7753	510.4417
Clonazepam	Clonazepam-D4	7.162	2312294	47367	48.8161	494.0791
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	646650	62683	10.3163	483.0961
Carisoprodol	Carisoprodol-D7	7.272	2858475	191769	14.9058	518.1891
Lorazepam	Alprazolam-D5	7.282	792810	381648	2.0773	456.9508
Alprazolam	Alprazolam-D5	7.305	6395939	381648	16.7587	497.7348

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

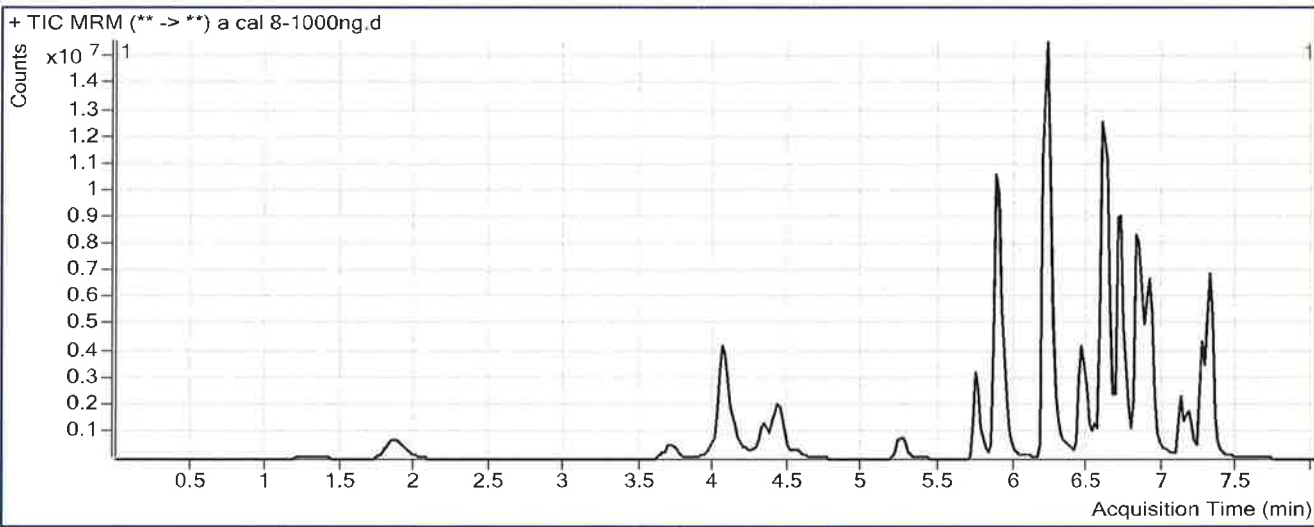


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Report Time 1/12/2018 3:31 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:23 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 17:10 **Data File** a cal 8-1000ng.d
Sample Type Calibration **Sample Name** a cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1a 12-12-17.m
Position P1-A12 **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	1.288	691556	20057	34.4796	1031.7614
Hydromorphone	Hydromorphone-D6	1.869	3133533	96398	32.5062	1048.7665
Codeine	Codeine-D6	3.712	1062779	42724	24.8755	1025.1677
Oxycodone	Oxycodone-D6	4.046	10313223	344424	29.9434	1033.8426
Amphetamine	Amphetamine-D11	4.083	8722877	181666	48.0160	824.8460
Hydrocodone	Hydrocodone-D6	4.331	3195166	193008	16.5545	987.0832
Norhydrocodone	Norhydrocodone-D3	4.375	171699	31481	5.4541	1091.6981
Methamphetamine	Methamphetamine-D11	4.419	7128455	206286	34.5562	1061.1466
6-MAM	6-MAM-D6	4.547	132404	54648	2.4229	103.9285
Phentermine	Phentermine-D5	5.261	3149019	307112	10.2537	935.5766
Dextrophan	Dextrophan-D3	5.740	4269466	348105	12.2649	1050.9767
Tramadol	Tramadol-13C-D3	5.897	32135600	1470121	21.8592	1011.2646
7-aminoclonazepam	7-Aminoclonazepam-D4	5.871	5557898	244500	22.7317	947.0226
Doxylamine	Doxylamine-D5	6.220	28039549	1087569	25.7819	1055.5737
Bupropion	Bupropion-D9	6.468	6862759	222216	30.8833	1041.0114
Zolpidem	Zolpidem-D6	6.596	30618134	1486646	20.5954	989.5904
Meprobamate	Meprobamate-D7	6.551	2282537	97569	23.3940	957.6486
Trazodone	Trazodone-D6	6.814	12236090	463781	26.3834	945.4008
Venlafaxine	Venlafaxine-D6	6.722	23752017	926108	25.6471	1020.2236
Citalopram	Citalopram-D6	6.856	5390567	240502	22.4138	1000.2710

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

a cal 8 ^D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Dextromethorphan	Dextromethorphan-D3	6.887	1776927	58470	30.3905	1050.6591
Diphenhydramine	Diphenhydramine-D3	6.910	10616447	532860	19.9235	1029.4322
Promethazine	Promethazine-D3	7.126	4731113	173950	27.1981	1006.3470
Clonazepam	Clonazepam-D4	7.162	3257281	32117	101.4189	1026.7497
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.240	1108847	50673	21.8824	1023.7887
Carisoprodol	Carisoprodol-D7	7.272	4111959	144938	28.3704	985.1758
Lorazepam	Alprazolam-D5	7.282	1384124	295272	4.6876	1040.3096
Alprazolam	Alprazolam-D5	7.305	10398073	295272	35.2153	1045.2003

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

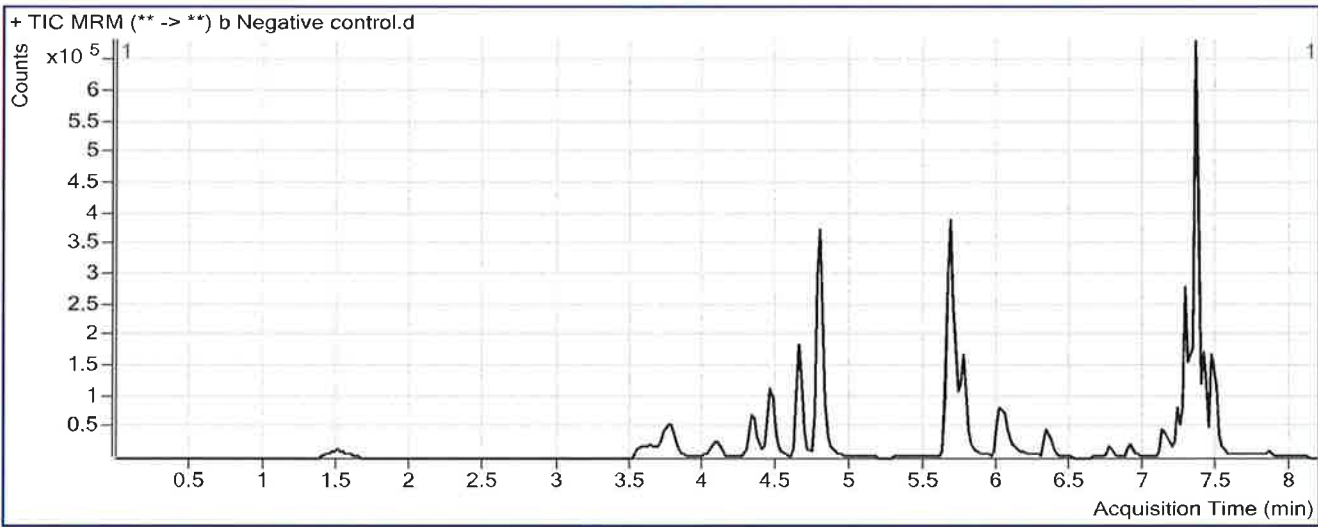
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Report Time	1/12/2018 3:08 PM	Reporter Name	ISPUser
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Analysis Info

Acq Time	2018-01-11 18:13	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-D11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	2092	60337	0.0347	1.9133 <25
Oxazepam	Oxazepam-D5	7.308	1274	595283	0.0021	1.0307 <5
Temazepam	Temazepam-D5	7.367	6845	1482049	0.0046	1.9737 <5
Buprenorphine	Buprenorphine-D4	7.516	5054	46909	0.1077	1.8530 <2.5
Nordiazepam	Nordiazepam-D5	7.434	4194	355491	0.0118	0.6252 <5

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

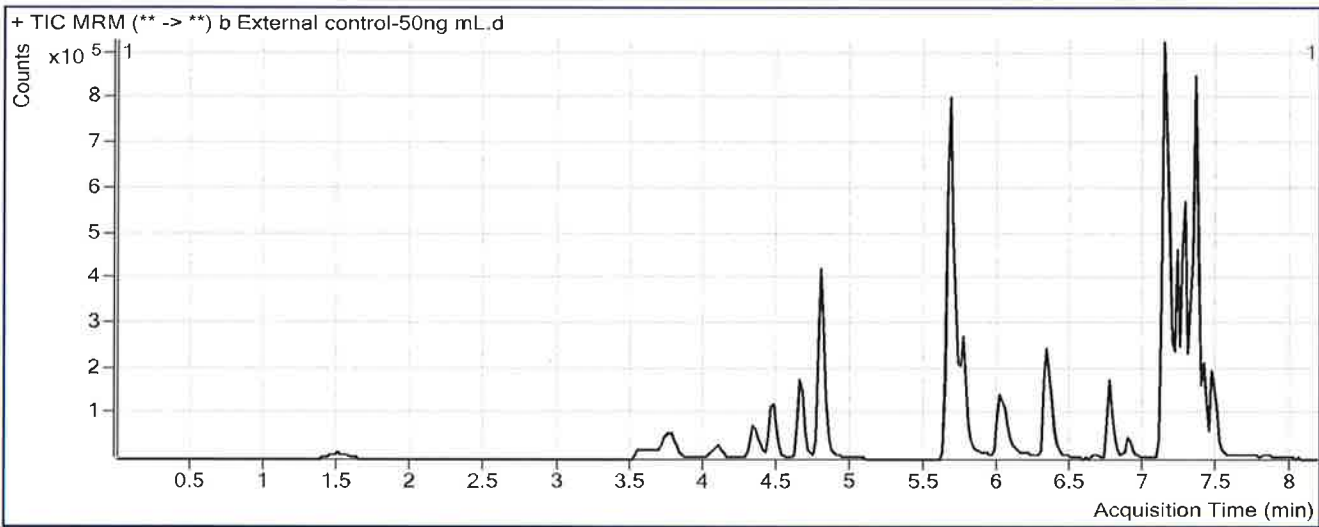
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Report Time 1/12/2018 3:09 PM **Reporter Name** ISPUser
Last Calib Update 1/12/2018 3:03 PM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 18:45 **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-C11 **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
Ketamine	Ketamine-D4	5.681	1116475	771843	1.4465	60.5757
Quetiapine	Quetiapine-D8	7.138	1187646	295362	4.0210	39.8729
Buprenorphine	Buprenorphine-D4	7.476	6059	234942	0.0258	0.0356 < 2.5
Nordiazepam	Nordiazepam-D5	7.434	2289	381900	0.0060	0.4595 < 5

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

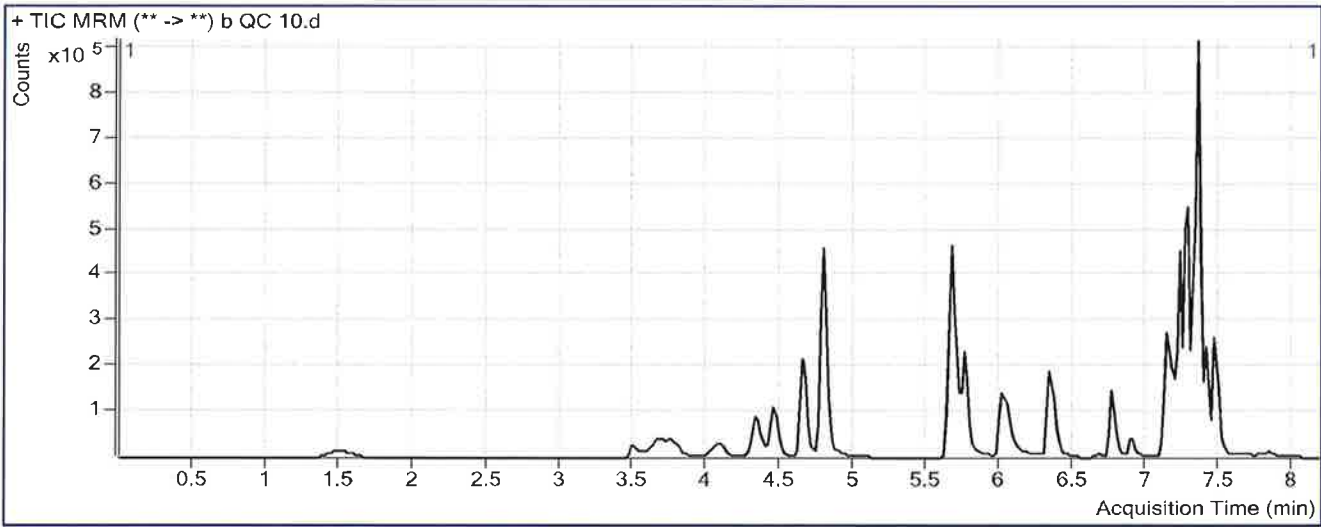


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Report Time 1/18/2018 2:05 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 19:48 **Data File** b QC 10.d
Sample Type QC **Sample Name** b QC 10
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-H11 **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	1.528	36241	131438	0.2757	10.0053
Dihydrocodeine	Dihydrocodeine-D6	3.537	26846	157156	0.1708	9.7004
Naloxone	Naloxone-D5	3.831	51680	362484	0.1426	9.6296
Noroxycodone	Noroxycodone-D3	4.099	41827	152700	0.2739	10.4738
Naltrexone	Naltrexone-D3	4.351	62725	296245	0.2117	10.1819
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	10199	462564	0.0220	0.9088
Naltrexol	Naltrexol-D3	4.669	133927	578854	0.2314	9.7075
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	273328	1319305	0.2072	9.8832
Ketamine	Ketamine-D4	5.681	151594	691743	0.2191	9.6493
Norfentanyl	Norfentanyl-D5	5.703	13606	832289	0.0163	1.6467 <i>outside P curve range</i>
alpha-PVP	alpha-PVP-d8	6.027	109884	540796	0.2032	9.6419
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	8440	640127	0.0132	0.9670
Norbuprenorphine	Norbuprenorphine-D3	6.672	343	18224	0.0188	1.1857 <i>outside P curve range</i>
Fentanyl	Fentanyl-D5	6.780	7410	444274	0.0167	1.0024
EDDP	EDDP-D3	6.910	21051	100014	0.2105	10.9544
Quetiapine	Quetiapine-D8	7.138	210515	215665	0.9761	9.6140
Sufentanil	Sufentanil-D5	7.158	6536	300194	0.0218	1.1241
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	55131	215365	0.2560	10.4012
Methadone	Methadone-D9	7.222	208260	775631	0.2685	10.9384

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

bQC10 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	161047	724755	0.2222	10.0361
Oxazepam	Oxazepam-D5	7.288	77783	442326	0.1758	10.3349
Sertraline	Sertraline-D3	7.325	72393	361603	0.2002	9.7420
Temazepam	Temazepam-D5	7.347	231279	1246758	0.1855	11.0075
Buprenorphine	Buprenorphine-D4	7.416	11788	184266	0.0640	0.8824
Nordiazepam	Nordiazepam-D5	7.414	114599	339227	0.3378	9.8312
Diazepam	Diazepam-D5	7.470	81822	337948	0.2421	9.6222

ISP FORENSICS - Pocatello Instrument # 59740

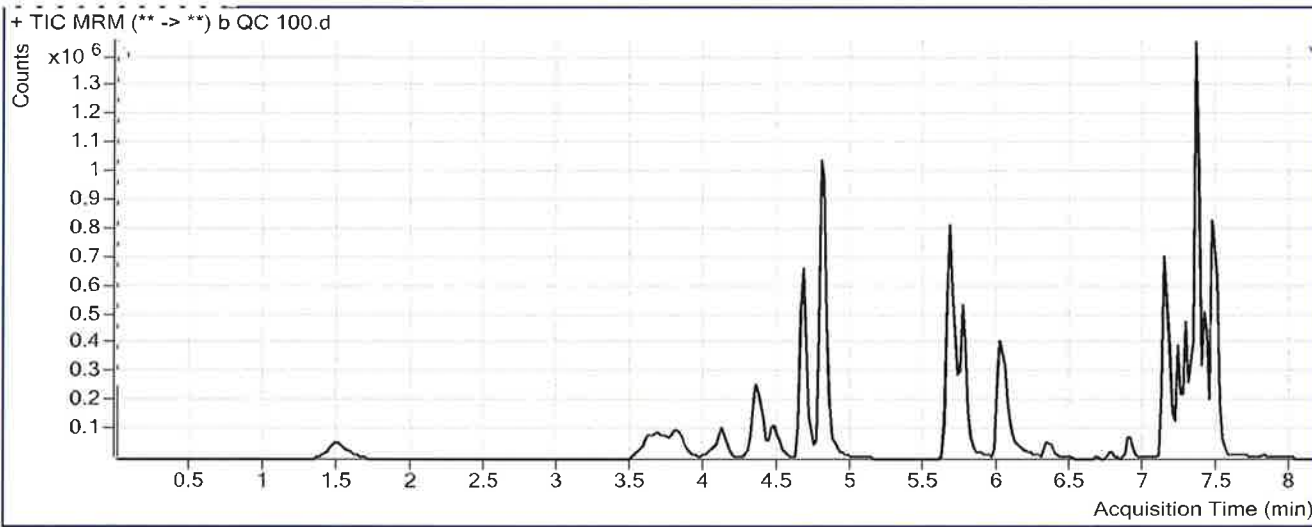
Multi-Drug Confirmatory Analysis Report

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Report Time 1/18/2018 2:05 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 22:09 **Data File** b QC 100.d
Sample Type QC **Sample Name** b QC 100
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-G11 **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	1.508	355162	118692	2.9923	97.7979
Dihydrocodeine	Dihydrocodeine-D6	3.675	278415	150200	1.8536	102.6340
Naloxone	Naloxone-D5	3.831	473819	296232	1.5995	96.0962
Noroxycodone	Noroxycodone-D3	4.119	363677	121876	2.9840	98.9361
Naltrexone	Naltrexone-D3	4.351	532942	232579	2.2914	104.0132
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	97896	406499	0.2408	9.3967
Naltrexol	Naltrexol-D3	4.669	1264942	518009	2.4419	102.3437
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.818	2551828	1181715	2.1594	97.5812
Ketamine	Ketamine-D4	5.681	1371766	604390	2.2697	94.7312
Norfentanyl	Norfentanyl-D5	5.703	131693	703402	0.1872	9.2954
alpha-PVP	alpha-PVP-d8	6.027	926035	417273	2.2193	98.8500
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	22927	167046	0.1373	8.5410
Norbuprenorphine	Norbuprenorphine-D3	6.672	1060	5365	0.1976	10.9501
Fentanyl	Fentanyl-D5	6.780	11297	70002	0.1614	7.9110
EDDP	EDDP-D3	6.889	142547	63932	2.2297	97.4669
Quetiapine	Quetiapine-D8	7.138	1156289	111716	10.3503	97.2542
Sufentanil	Sufentanil-D5	7.158	7221	38793	0.1862	8.4921
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	74998	28989	2.5871	93.2571
Methadone	Methadone-D9	7.222	488281	186620	2.6164	98.9109

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

b QC 100 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	181004	78205	2.3145	100.6602
Oxazepam	Oxazepam-D5	7.288	392358	220497	1.7794	96.2263
Sertraline	Sertraline-D3	7.325	80694	37516	2.1509	96.9087
Temazepam	Temazepam-D5	7.347	1748187	971763	1.7990	91.5879
Buprenorphine	Buprenorphine-D4	7.416	23284	44266	0.5260	11.1289
Nordiazepam	Nordiazepam-D5	7.434	802614	224424	3.5763	102.5422
Diazepam	Diazepam-D5	7.470	752392	273497	2.7510	106.8106

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

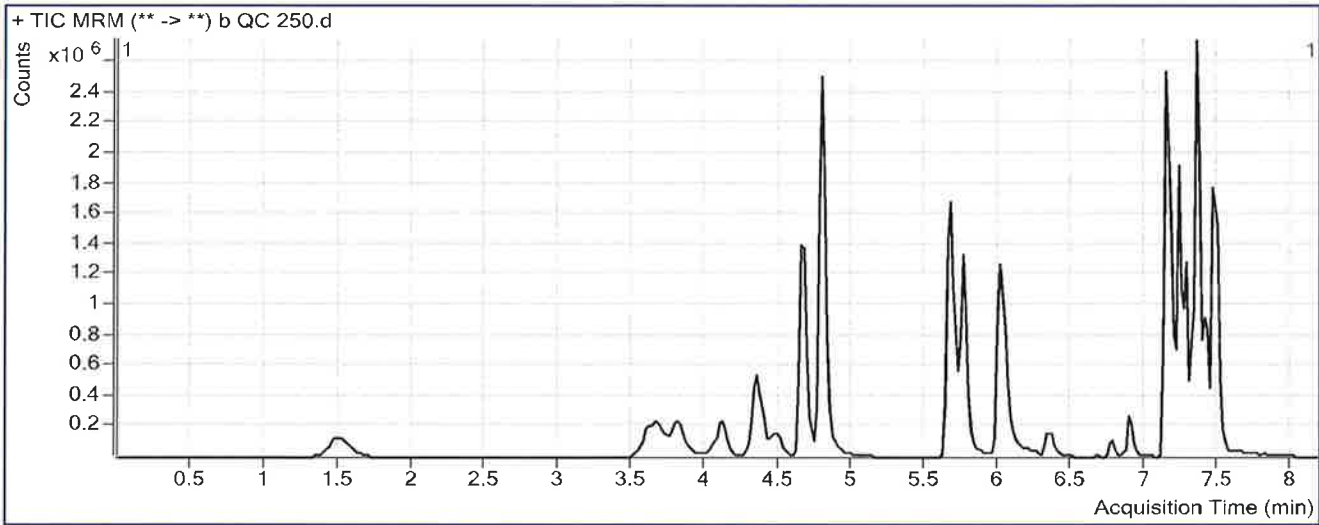
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Analysis Info

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Sample Type	QC	Sample Name	b QC 250
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-F11	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	1.508	970060	125930	7.7032	250.0409
Dihydrocodeine	Dihydrocodeine-D6	3.675	797733	169442	4.7080	260.2687
Naloxone	Naloxone-D5	3.811	1241754	297376	4.1757	248.9923
Noroxycodone	Noroxycodone-D3	4.119	950502	130553	7.2806	239.1859
Naltrexone	Naltrexone-D3	4.351	1283634	229801	5.5858	252.6484
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	285077	450508	0.6328	24.6037
Naltrexol	Naltrexol-D3	4.669	3371720	568833	5.9274	248.4077
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	7221809	1341236	5.3844	242.4535
Ketamine	Ketamine-D4	5.681	4009220	700828	5.7207	237.9236
Norfentanyl	Norfentanyl-D5	5.703	379604	780633	0.4863	22.6818
alpha-PVP	alpha-PVP-d8	6.027	2894816	519990	5.5671	246.9858
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	132498	351150	0.3773	23.1973
Norbuprenorphine	Norbuprenorphine-D3	6.672	5131	9792	0.5240	28.7811
Fentanyl	Fentanyl-D5	6.780	97070	207351	0.4681	22.5580
EDDP	EDDP-D3	6.889	494975	90352	5.4783	236.6536
Quetiapine	Quetiapine-D8	7.138	4274650	167334	25.5456	239.3168
Sufentanil	Sufentanil-D5	7.158	76654	138678	0.5528	24.9241
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	630749	99436	6.3433	226.7639
Methadone	Methadone-D9	7.222	2678371	391706	6.8377	257.0727

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

b QC 250 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1557959	278589	5.5923	242.6357
Oxazepam	Oxazepam-D5	7.288	598003	129855	4.6052	247.5791
Sertraline	Sertraline-D3	7.325	741087	130468	5.6802	254.6164
Temazepam	Temazepam-D5	7.347	3677300	793091	4.6367	233.3071
Buprenorphine	Buprenorphine-D4	7.416	94048	90752	1.0363	22.4465
Nordiazepam	Nordiazepam-D5	7.434	1584131	179943	8.8035	252.1852
Diazepam	Diazepam-D5	7.470	1852579	284738	6.5063	252.2796

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

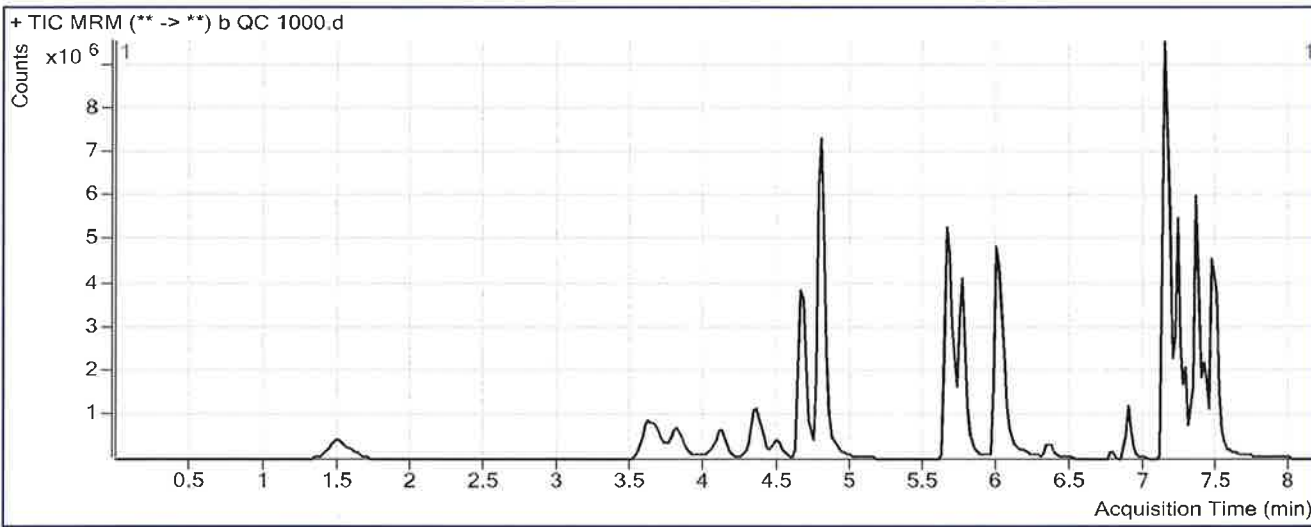
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Analysis Info

Acq Time	2018-01-12 03:08	Data File	b QC 1000.d
Sample Type	QC	Sample Name	b QC 1000
Dilution	1	Acq Method	MD Quant Panel 1b 12-12-17.m
Position	P1-E11	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	1.508	3525074	113895	30.9502	1001.3214
Dihydrocodeine	Dihydrocodeine-D6	3.615	3107801	166896	18.6212	1028.6338
Naloxone	Naloxone-D5	3.811	3771499	202550	18.6201	1106.2567
Noroxycodone	Noroxycodone-D3	4.119	3034825	99600	30.4701	996.1377
Naltrexone	Naltrexone-D3	4.351	3281801	149595	21.9378	990.4107
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	1127257	407362	2.7672	107.4129
Naltrexol	Naltrexol-D3	4.649	10862138	468561	23.1819	971.4760
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	26822238	1227662	21.8482	982.0301
Ketamine	Ketamine-D4	5.660	15202378	681121	22.3196	926.6601
Norfentanyl	Norfentanyl-D5	5.703	1523338	656678	2.3198	104.7529
alpha-PVP	alpha-PVP-d8	6.007	11873473	523294	22.6899	1004.6470
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	510839	316926	1.6119	98.5634
Norbuprenorphine	Norbuprenorphine-D3	6.672	12093	5824	2.0765	113.5873
Fentanyl	Fentanyl-D5	6.780	229472	114595	2.0025	95.8157
EDDP	EDDP-D3	6.889	2321312	101416	22.8890	982.6186
Quetiapine	Quetiapine-D8	7.138	17608003	182321	96.5768	903.3954
Sufentanil	Sufentanil-D5	7.158	163129	69213	2.3569	105.7922
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1246016	51487	24.2007	861.4799
Methadone	Methadone-D9	7.222	7848005	327238	23.9825	899.4531

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

bQC 1000 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	1978142	87032	22.7290	984.8895
Oxazepam	Oxazepam-D5	7.288	1303785	66864	19.4992	1045.3380
Sertraline	Sertraline-D3	7.325	935873	37459	24.9839	1117.2024
Temazepam	Temazepam-D5	7.347	9778331	486561	20.0968	1005.4182
Buprenorphine	Buprenorphine-D4	7.396	227865	48577	4.6908	103.4919
Nordiazepam	Nordiazepam-D5	7.414	3671419	101988	35.9984	1030.7123
Diazepam	Diazepam-D5	7.470	5334298	201029	26.5350	1028.1424

ISP FORENSICS

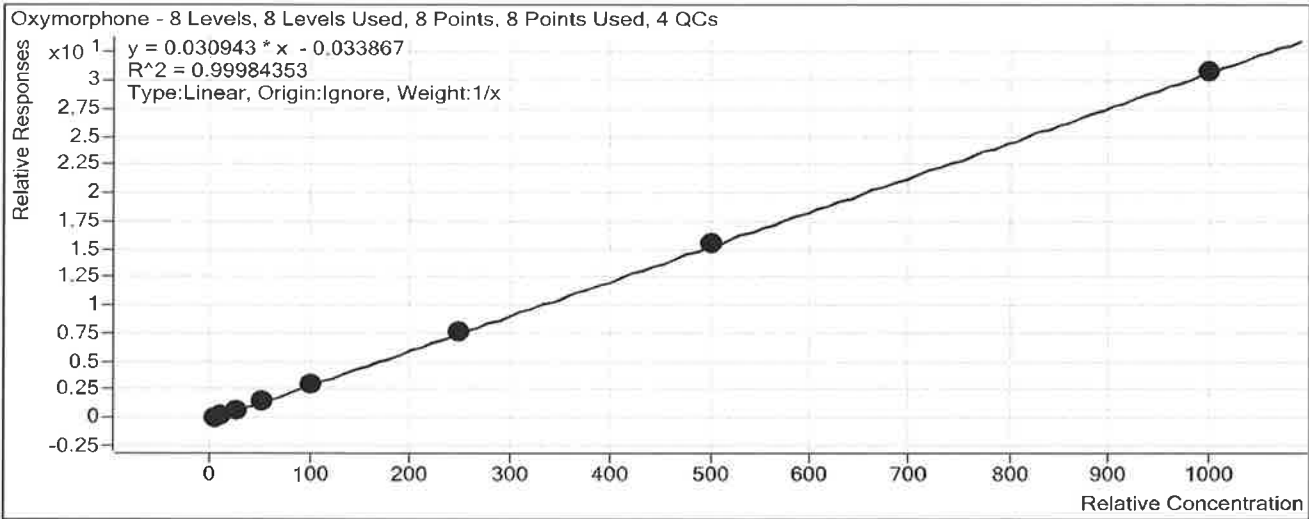
Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.4	108.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	98.9
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.3	97.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.3	96.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b QC 100	5	<input checked="" type="checkbox"/>	100	97.8	97.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.7	100.7
b QC 250	6	<input checked="" type="checkbox"/>	250	250.0	100.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	506.6	101.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	996.1	99.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1001.3	100.1

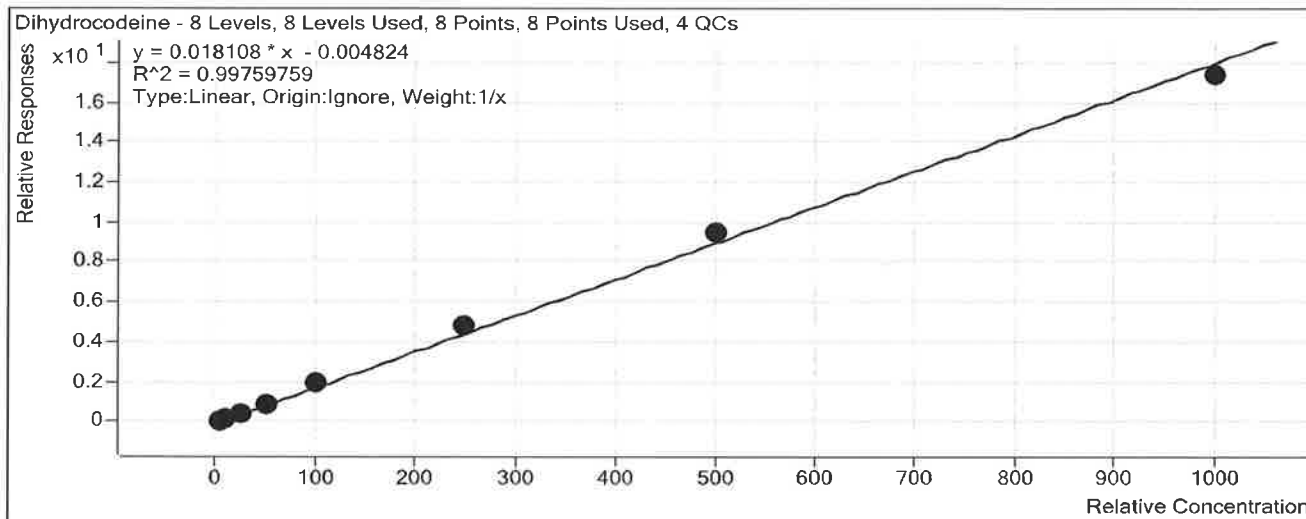
ISP FORENSICS Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



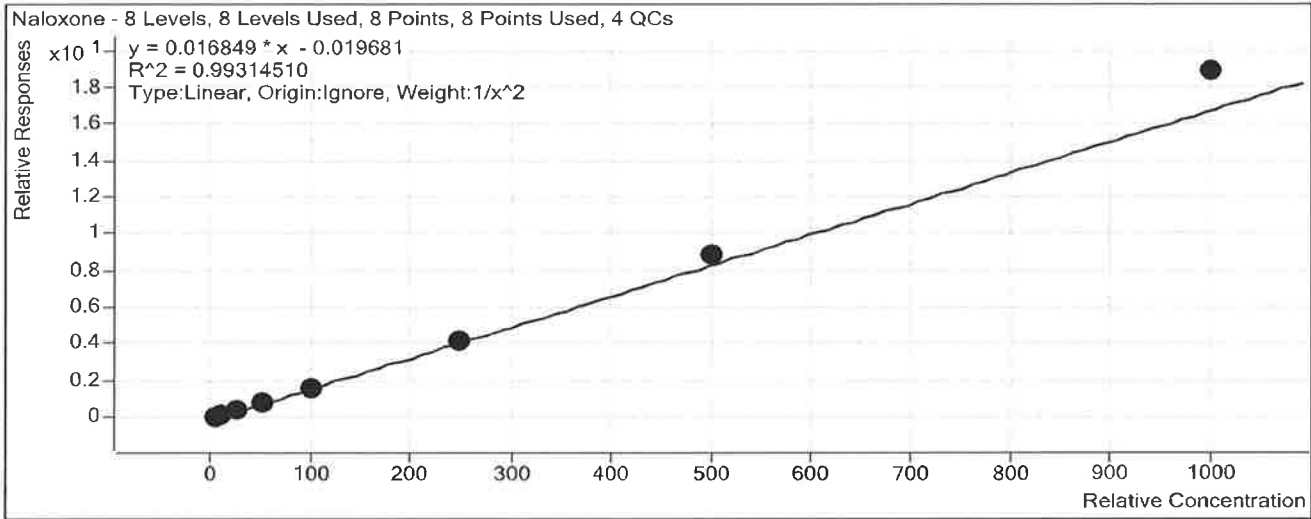
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.7	94.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	95.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.2	98.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	104.8	104.8
b QC 100	5	<input checked="" type="checkbox"/>	100	102.6	102.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	267.7	107.1
b QC 250	6	<input checked="" type="checkbox"/>	250	260.3	104.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	521.5	104.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	957.6	95.8
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1028.6	102.9

ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 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	104.8
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.5	94.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.9	91.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.9	95.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.6	93.6
b QC 100	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.7	101.1
b QC 250	6	<input checked="" type="checkbox"/>	250	249.0	99.6
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	531.3	106.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1120.1	112.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1106.3	110.6

ISP FORENSICS

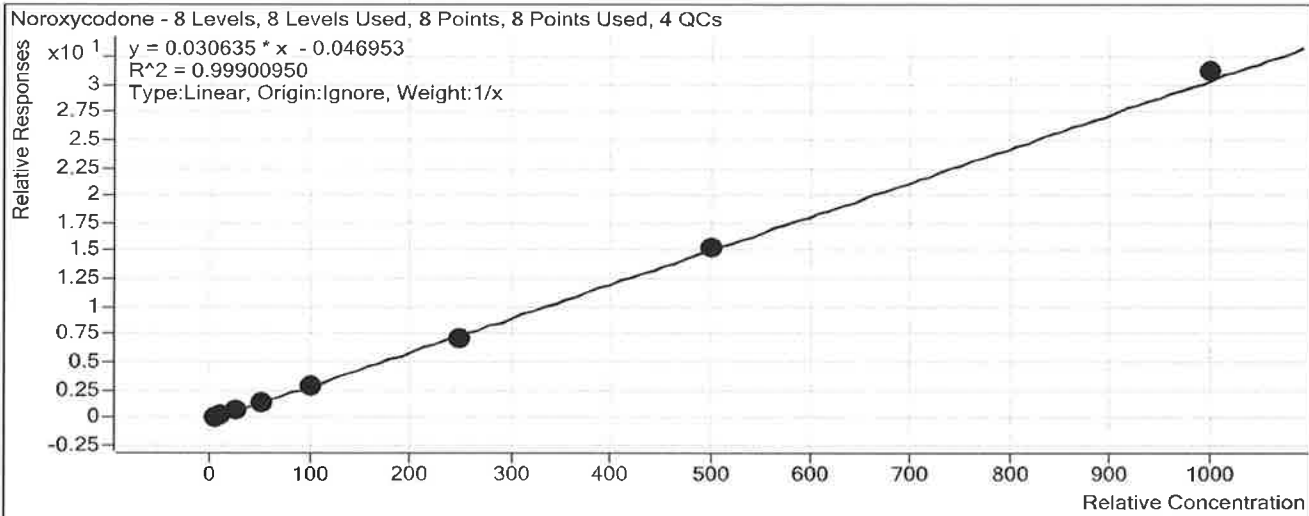
Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.6	111.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	102.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.5	104.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.4	97.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.2	96.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.0	96.0
b QC 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	233.6	93.5
b QC 250	6	<input checked="" type="checkbox"/>	250	239.2	95.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	503.4	100.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1018.6	101.9
b QC 1000	8	<input checked="" type="checkbox"/>	1000	996.1	99.6

ISP FORENSICS

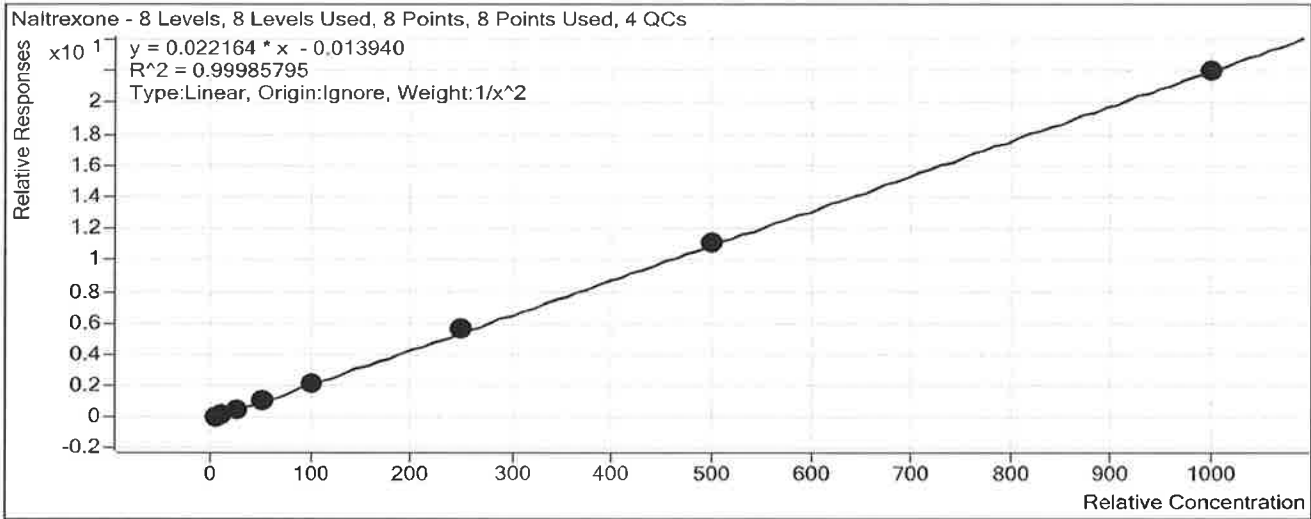
Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.0	100.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b QC 10	2	<input checked="" type="checkbox"/>	10	10.2	101.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.3	100.5
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.9	100.9
b QC 100	5	<input checked="" type="checkbox"/>	100	104.0	104.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b QC 250	6	<input checked="" type="checkbox"/>	250	252.6	101.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.7	99.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	992.0	99.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	990.4	99.0

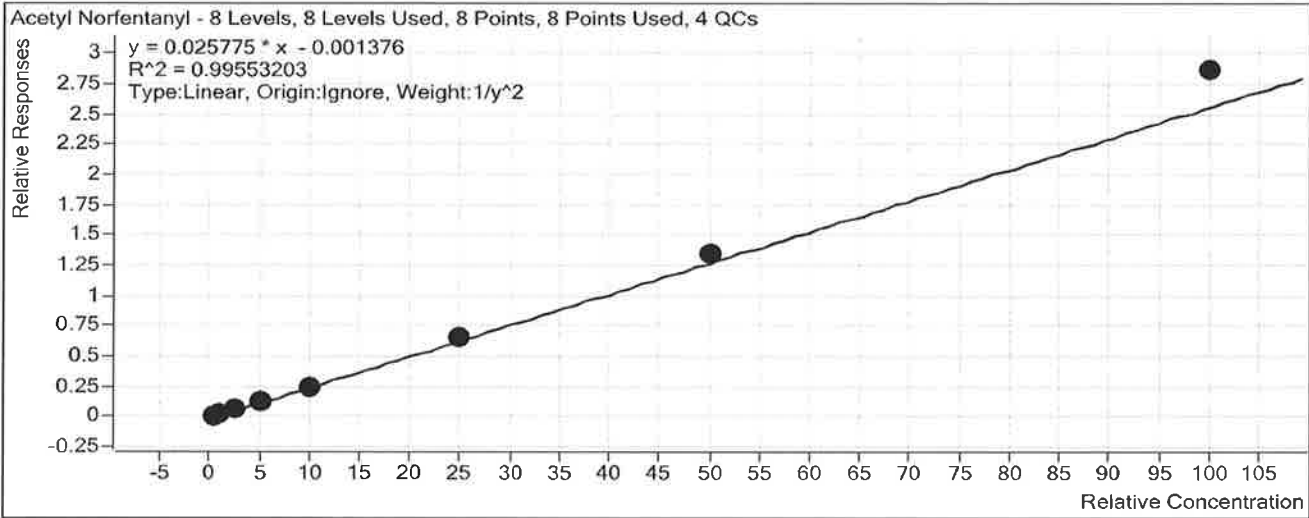
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Acetyl Norfentanyl
Internal Standard Acetyl Norfentanyl-D5



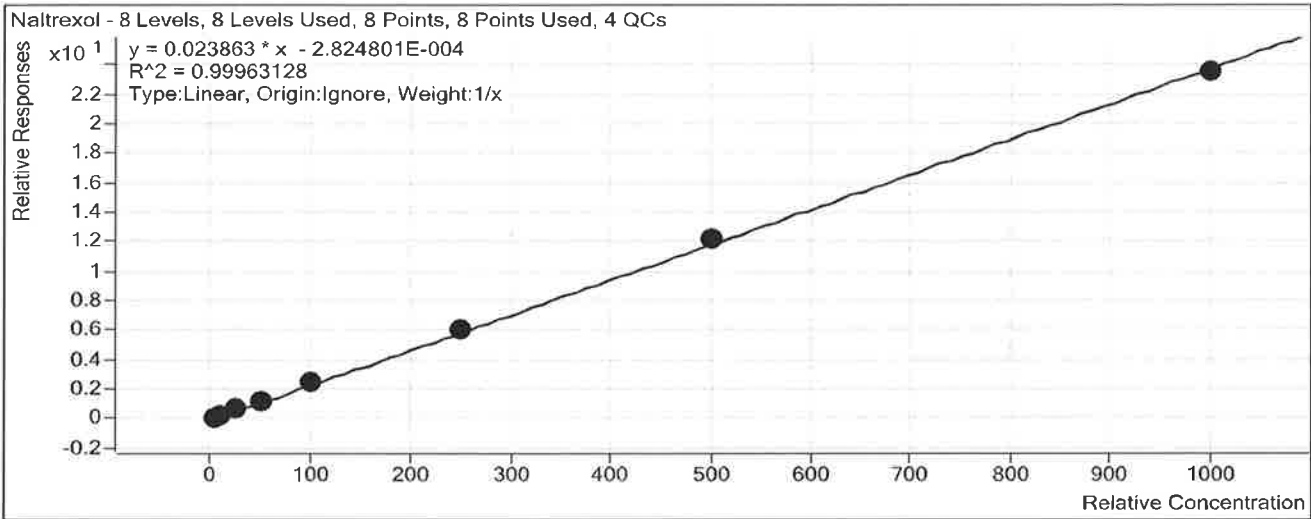
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	103.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	96.0
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	90.9
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	96.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.7	96.8
b QC 100	5	<input checked="" type="checkbox"/>	10	9.4	94.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	25.8	103.3
b QC 250	6	<input checked="" type="checkbox"/>	25	24.6	98.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	52.1	104.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	111.1	111.1
b QC 1000	8	<input checked="" type="checkbox"/>	100	107.4	107.4

ISP FORENSICS Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 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	91.7
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	98.2
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.6	102.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	51.6	103.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	103.4	103.4
b QC 100	5	<input checked="" type="checkbox"/>	100	102.3	102.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	252.8	101.1
b QC 250	6	<input checked="" type="checkbox"/>	250	248.4	99.4
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.4	101.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	983.8	98.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	971.5	97.1

ISP FORENSICS

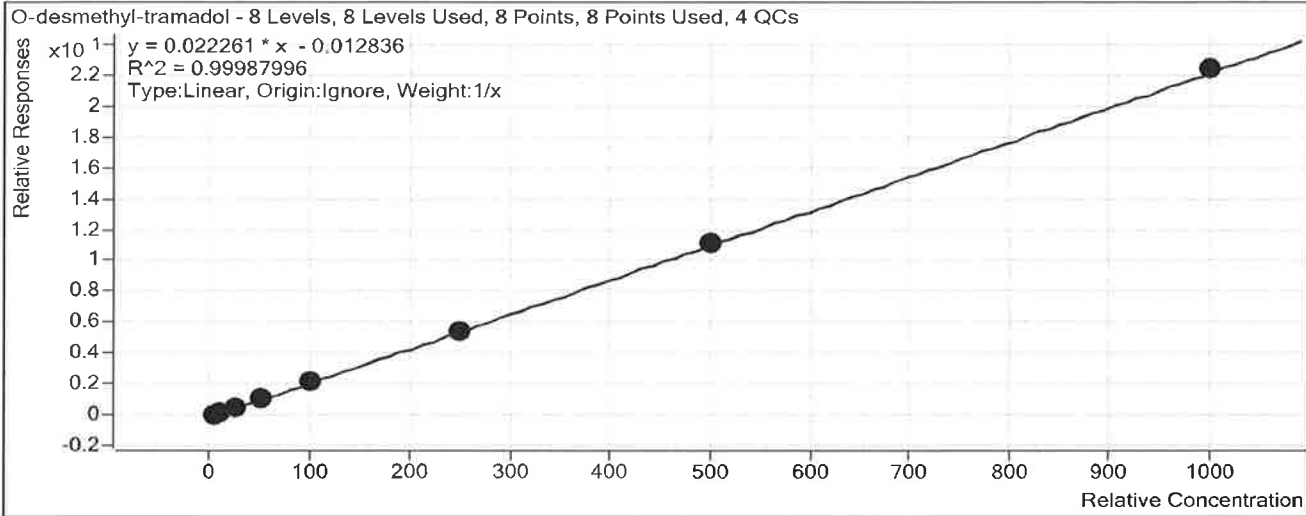
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.2	103.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.9	98.8
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.1
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b QC 100	5	<input checked="" type="checkbox"/>	100	97.6	97.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	244.0	97.6
b QC 250	6	<input checked="" type="checkbox"/>	250	242.5	97.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	502.7	100.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1004.9	100.5
b QC 1000	8	<input checked="" type="checkbox"/>	1000	982.0	98.2

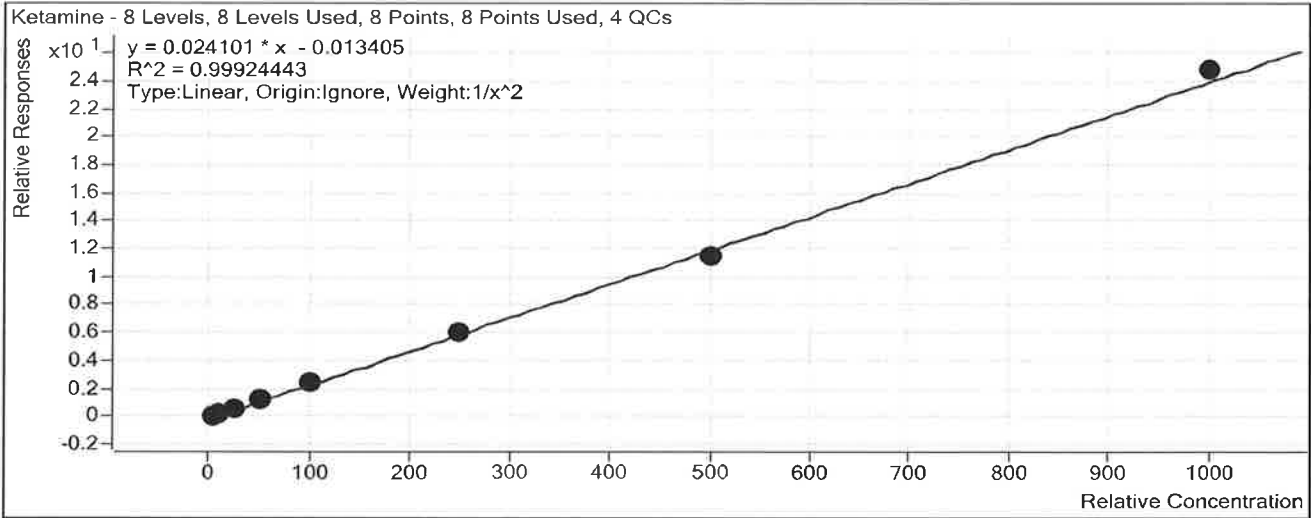
ISP FORENSICS

Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.0	100.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.1	100.8
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.5	98.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.5	99.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b QC 100	5	<input checked="" type="checkbox"/>	100	94.7	94.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	253.1	101.2
b QC 250	6	<input checked="" type="checkbox"/>	250	237.9	95.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	478.3	95.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1027.7	102.8
b QC 1000	8	<input checked="" type="checkbox"/>	1000	926.7	92.7

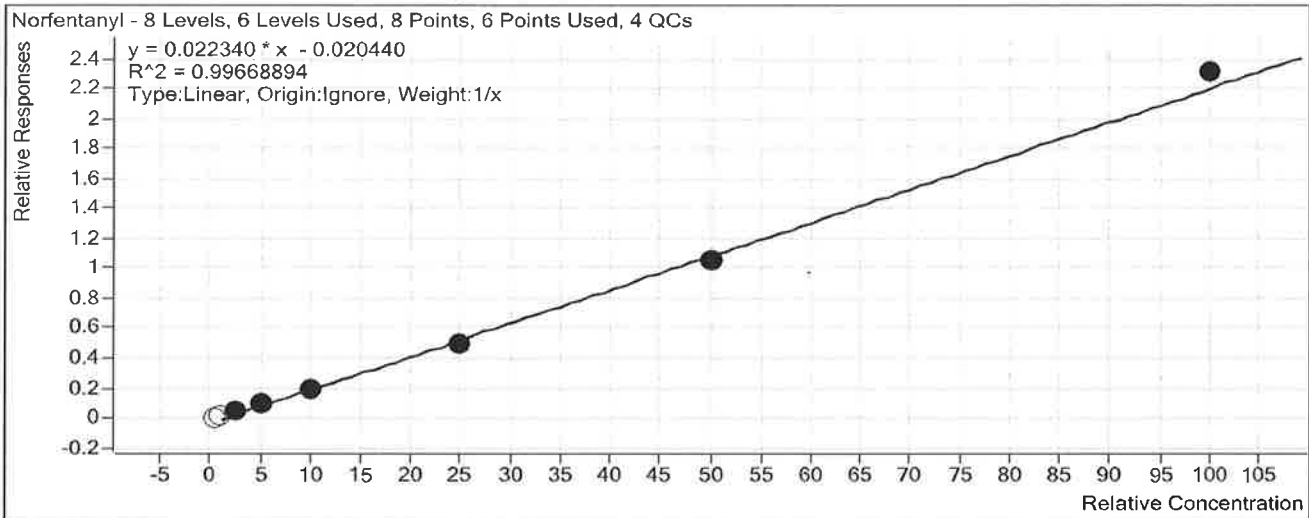
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Norfentanyl/
Internal Standard Norfentanyl-D5



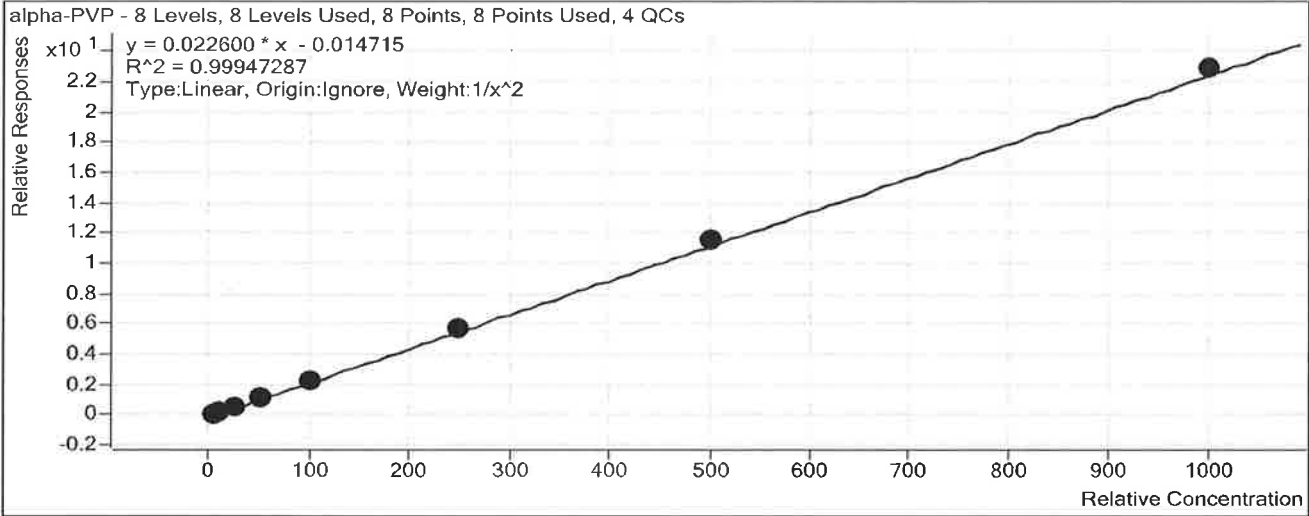
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	1.3	252.2
b cal 2-10ng	2	<input type="checkbox"/>	1	1.7	169.9
b QC 10	2	<input checked="" type="checkbox"/>	1	1.6	164.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.9	114.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	5.0	99.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.2	92.2
b QC 100	5	<input checked="" type="checkbox"/>	10	9.3	93.0
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.3	93.1
b QC 250	6	<input checked="" type="checkbox"/>	25	22.7	90.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	48.0	96.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	104.1	104.1
b QC 1000	8	<input checked="" type="checkbox"/>	100	104.8	104.8

ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.1	101.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.6	99.2
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	98.6	98.6
b QC 100	5	<input checked="" type="checkbox"/>	100	98.8	98.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	251.1	100.5
b QC 250	6	<input checked="" type="checkbox"/>	250	247.0	98.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	514.2	102.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1014.1	101.4
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1004.6	100.5

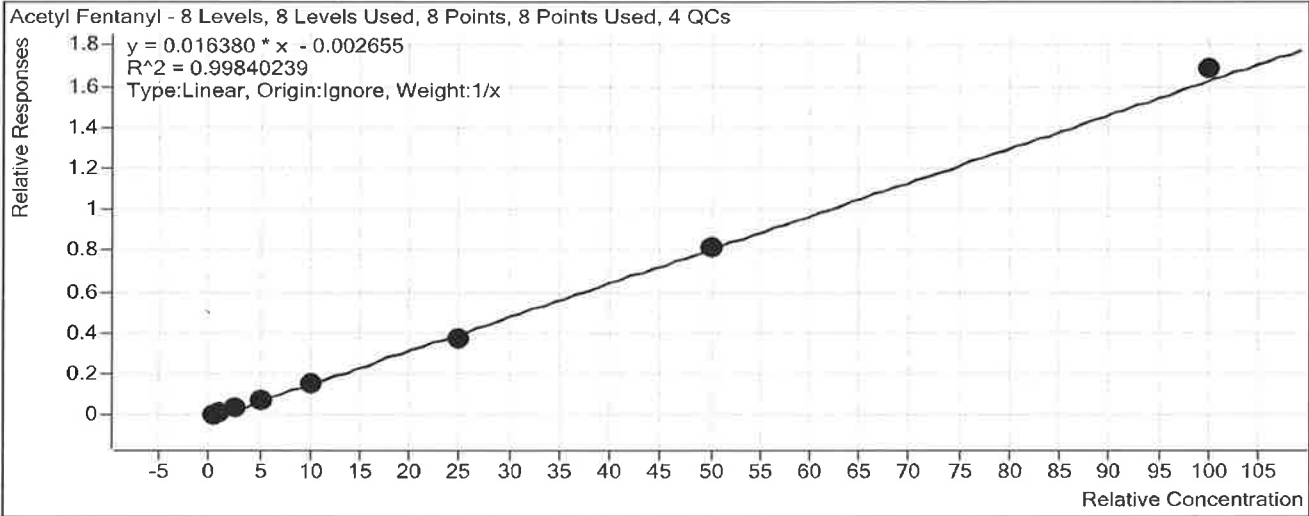
ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Acetyl Fentanyl
Internal Standard Acetyl Fentanyl-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	117.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.5
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	96.7
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.4	95.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	94.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.5	95.0
b QC 100	5	<input checked="" type="checkbox"/>	10	8.5	85.4
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.1	92.6
b QC 250	6	<input checked="" type="checkbox"/>	25	23.2	92.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	49.7	99.5
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	102.9	102.9
b QC 1000	8	<input checked="" type="checkbox"/>	100	98.6	98.6

ISP FORENSICS

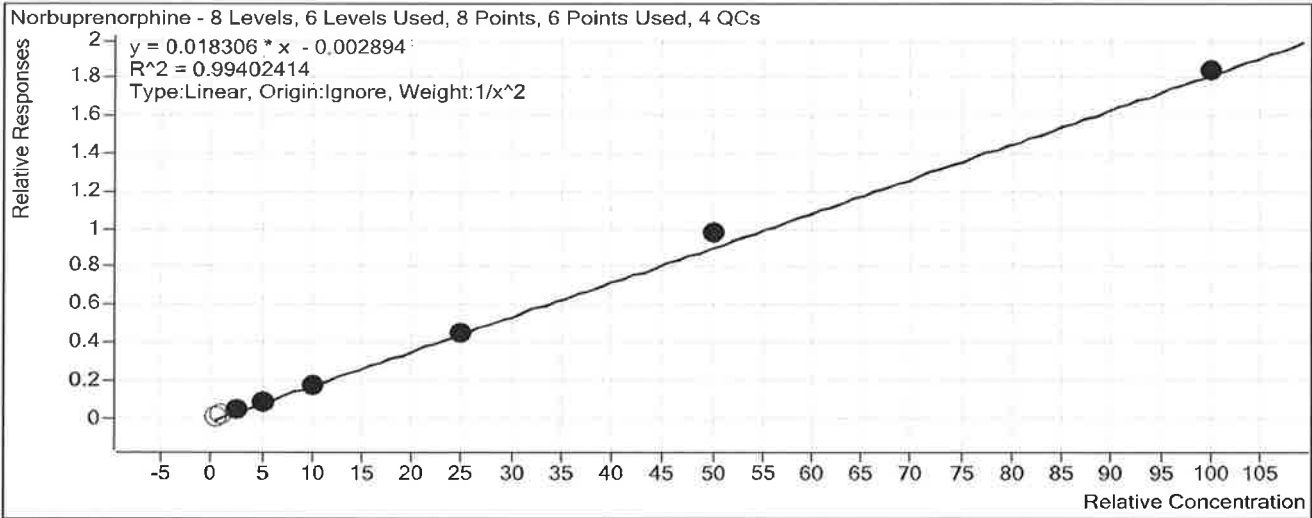
Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/18/2018 10:42 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input type="checkbox"/>	0.5	0.8	158.8
b cal 2-10ng	2	<input type="checkbox"/>	1	1.1	105.9
b QC 10	2	<input type="checkbox"/>	1	1.2	118.6
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.6	105.2
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	90.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.6	95.9
b QC 100	5	<input checked="" type="checkbox"/>	10	11.0	109.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.8	99.3
b QC 250	6	<input checked="" type="checkbox"/>	25	28.8	115.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	54.0	108.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	100.6	100.6
b QC 1000	8	<input checked="" type="checkbox"/>	100	113.6	113.6

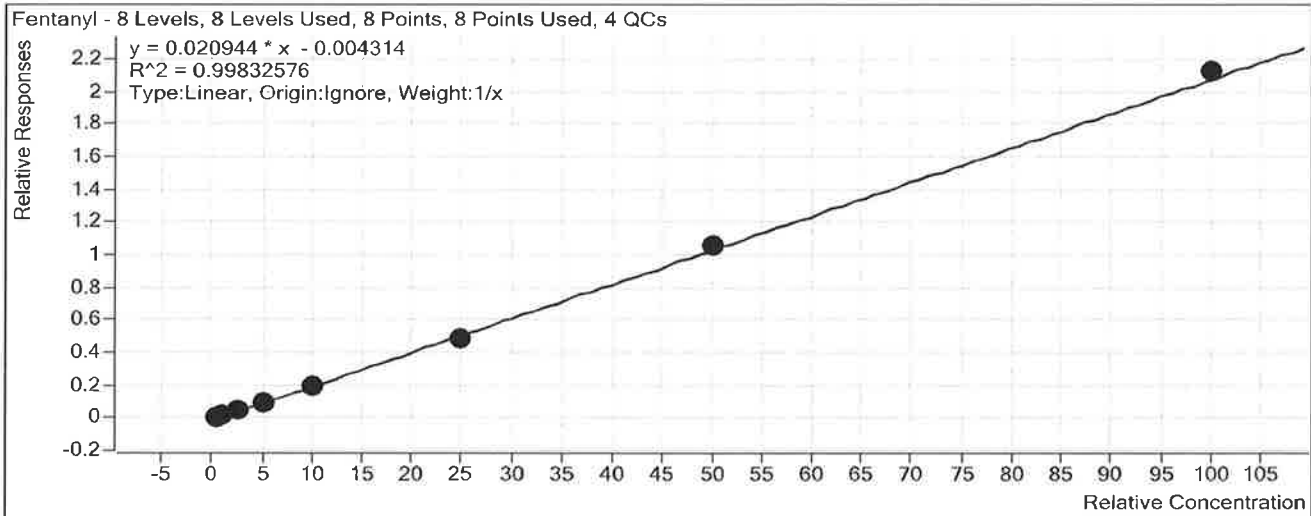
ISP Forensics Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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 checked="" type="checkbox"/>	0.5	0.6	127.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.0	102.1
b QC 10	2	<input checked="" type="checkbox"/>	1	1.0	100.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.2	89.8
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	89.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.3	92.9
b QC 100	5	<input checked="" type="checkbox"/>	10	7.9	79.1
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.6	94.5
b QC 250	6	<input checked="" type="checkbox"/>	25	22.6	90.2
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.1	102.2
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.6	101.6
b QC 1000	8	<input checked="" type="checkbox"/>	100	95.8	95.8

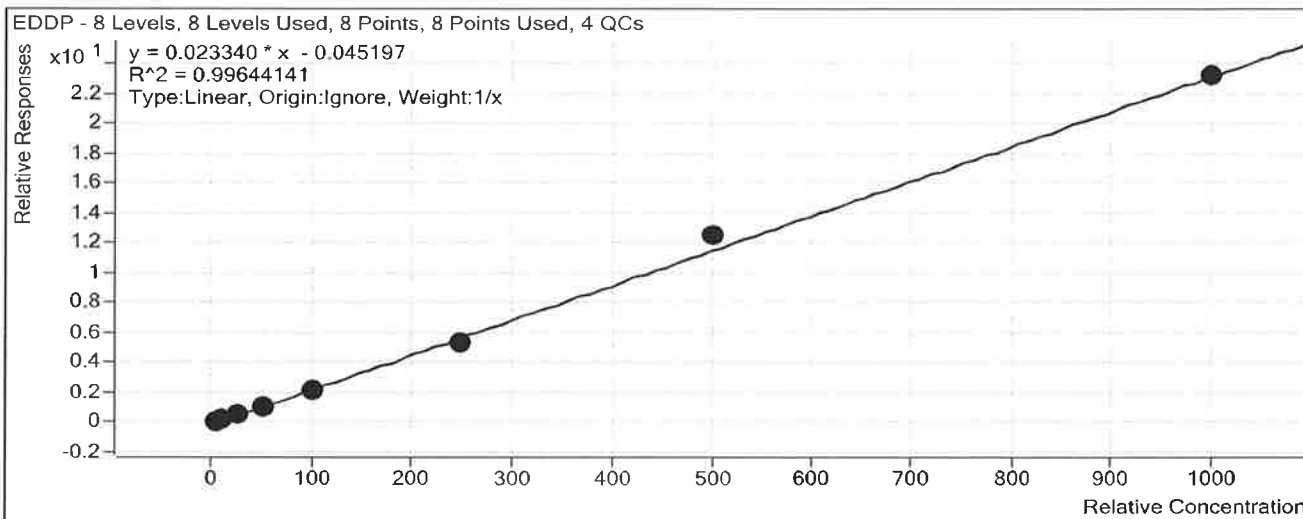
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



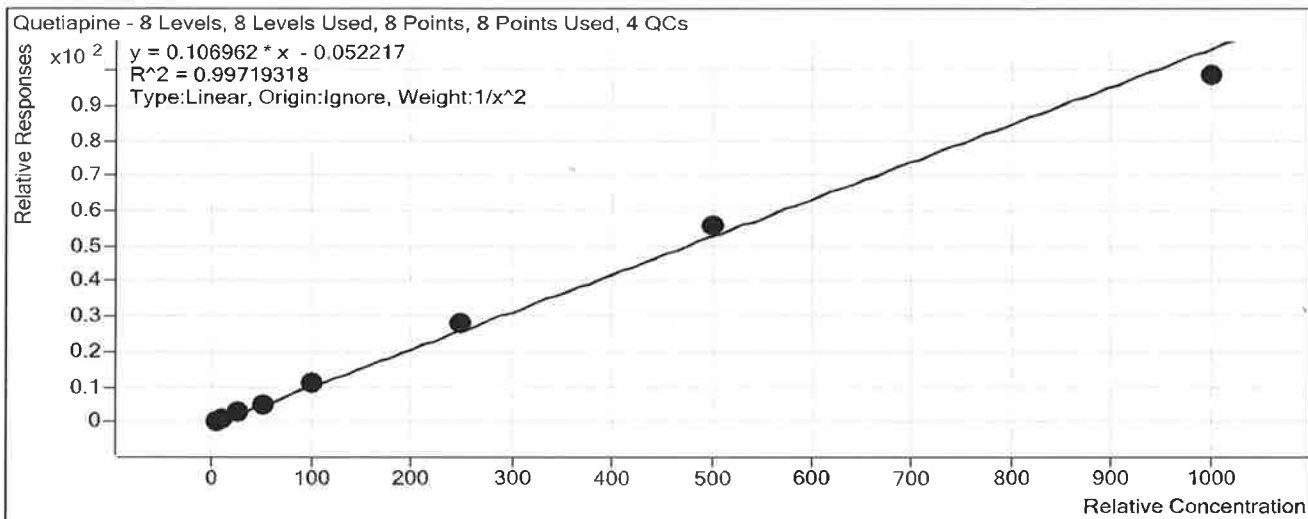
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	6.1	122.0
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	103.2
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	109.5
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.2	88.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	93.4	93.4
b QC 100	5	<input checked="" type="checkbox"/>	100	97.5	97.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	226.4	90.6
b QC 250	6	<input checked="" type="checkbox"/>	250	236.7	94.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	538.3	107.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	995.8	99.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	982.6	98.3

ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/18/2018 11:54 AM **Analyst Name** ISP TOX

Target Compound Quetiapine
Internal Standard Quetiapine-D8



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.9
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.3	102.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.1	100.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.4	94.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.8	100.8
b QC 100	5	<input checked="" type="checkbox"/>	100	97.3	97.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	262.4	105.0
b QC 250	6	<input checked="" type="checkbox"/>	250	239.3	95.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	525.6	105.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	921.4	92.1
b QC 1000	8	<input checked="" type="checkbox"/>	1000	903.4	90.3

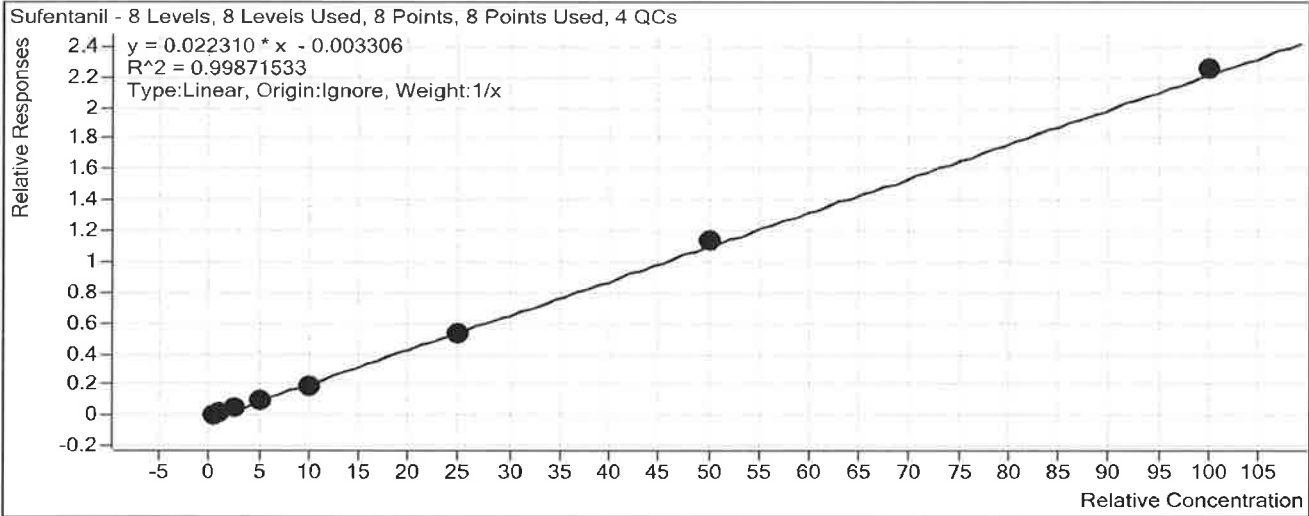
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/18/2018 10:42 AM **Analyst Name** ISP TOX

Target Compound Sufentanil
Internal Standard Sufentanil-D5



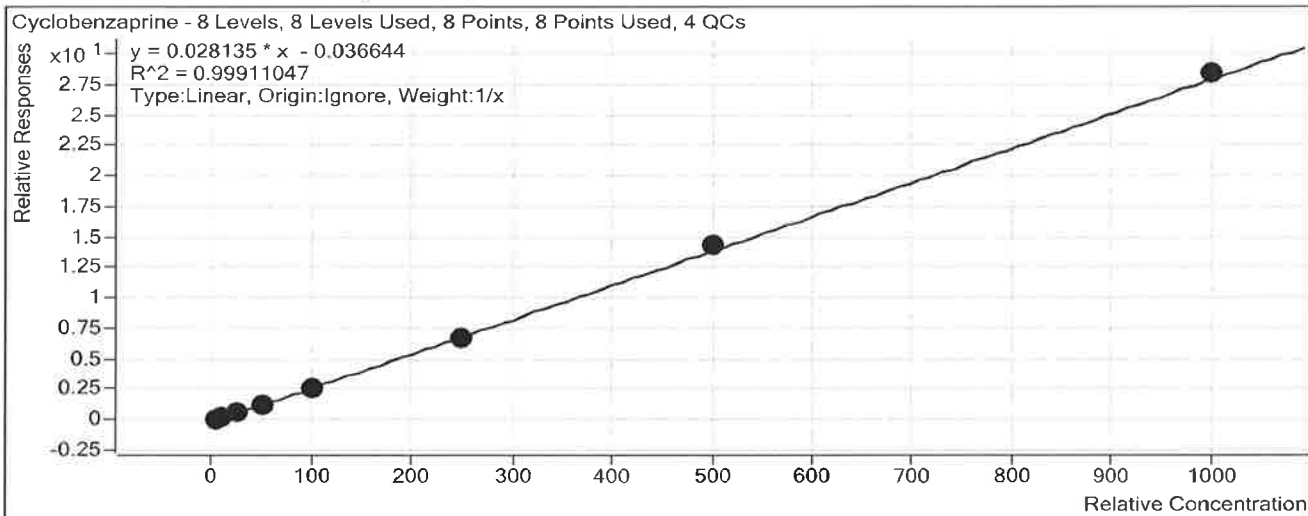
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.6	125.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	0.9	90.3
b QC 10	2	<input checked="" type="checkbox"/>	1	1.1	112.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.5	101.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.7	93.0
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.0	89.9
b QC 100	5	<input checked="" type="checkbox"/>	10	8.5	84.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	24.2	96.8
b QC 250	6	<input checked="" type="checkbox"/>	25	24.9	99.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	51.0	102.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	101.1	101.1
b QC 1000	8	<input checked="" type="checkbox"/>	100	105.8	105.8

ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 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 checked="" type="checkbox"/>	5	5.7	114.2
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.9	109.2
b QC 10	2	<input checked="" type="checkbox"/>	10	10.4	104.0
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	23.0	92.0
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	45.2	90.4
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	94.5	94.5
b QC 100	5	<input checked="" type="checkbox"/>	100	93.3	93.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	242.4	97.0
b QC 250	6	<input checked="" type="checkbox"/>	250	226.8	90.7
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	508.6	101.7
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1009.7	101.0
b QC 1000	8	<input checked="" type="checkbox"/>	1000	861.5	86.1

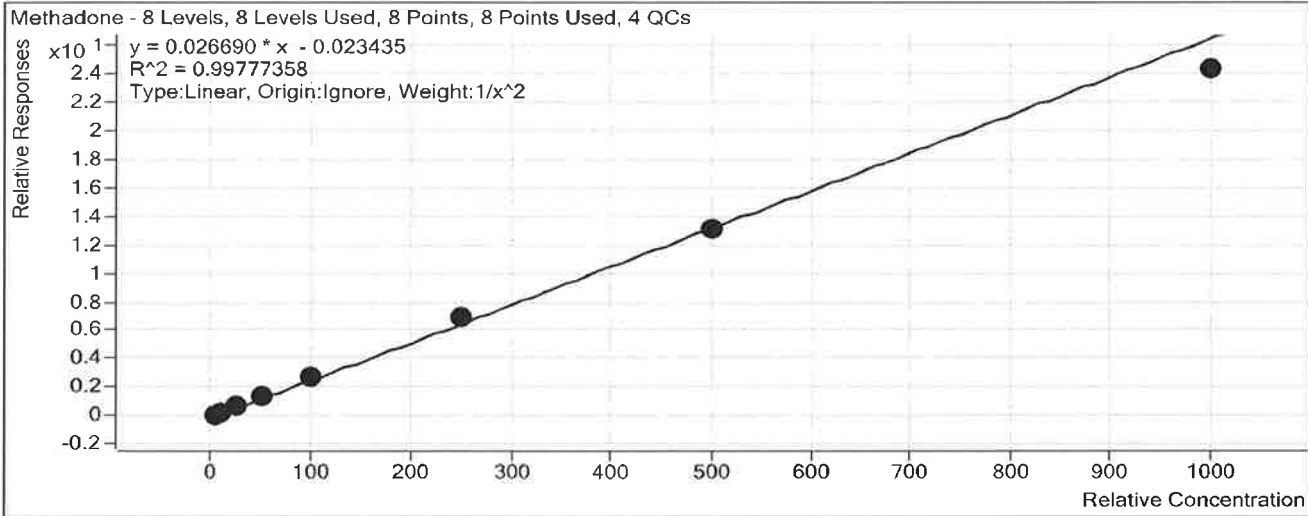
ISP FORENSICS Calibration Curve Report

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Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

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



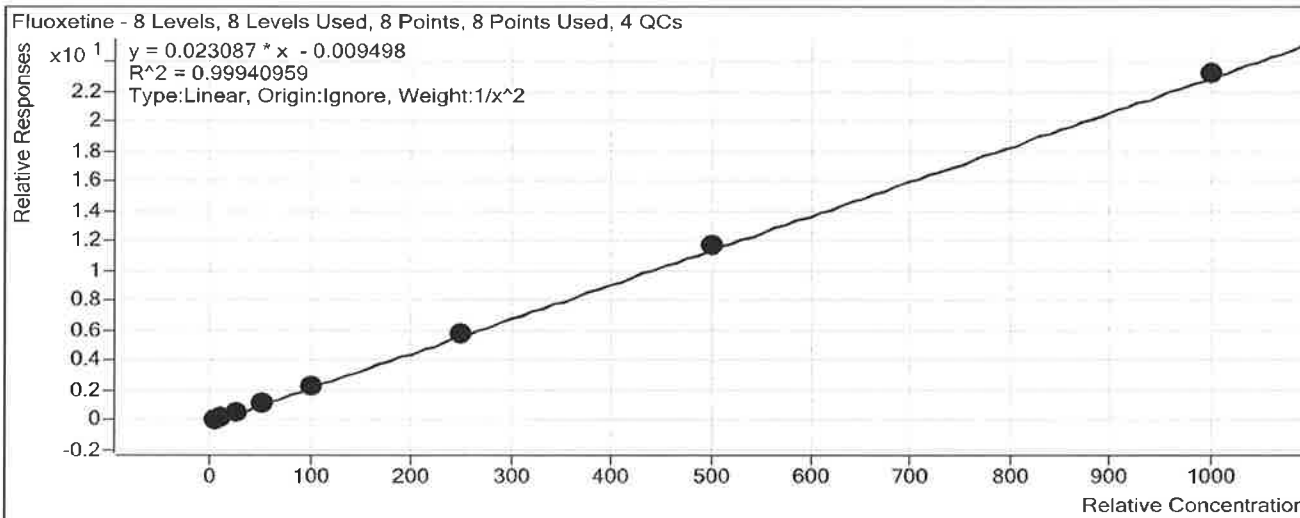
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	4.9	98.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.2	101.7
b QC 10	2	<input checked="" type="checkbox"/>	10	10.9	109.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.8	103.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	50.9	101.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	100.4	100.4
b QC 100	5	<input checked="" type="checkbox"/>	100	98.9	98.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	261.4	104.6
b QC 250	6	<input checked="" type="checkbox"/>	250	257.1	102.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	494.8	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	912.1	91.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	899.5	89.9

ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 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	5.1	101.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.6	96.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.0	100.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	25.7	102.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.3	98.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.8	99.8
b QC 100	5	<input checked="" type="checkbox"/>	100	100.7	100.7
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	248.6	99.4
b QC 250	6	<input checked="" type="checkbox"/>	250	242.6	97.1
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	505.5	101.1
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1005.6	100.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	984.9	98.5

ISP FORENSICS

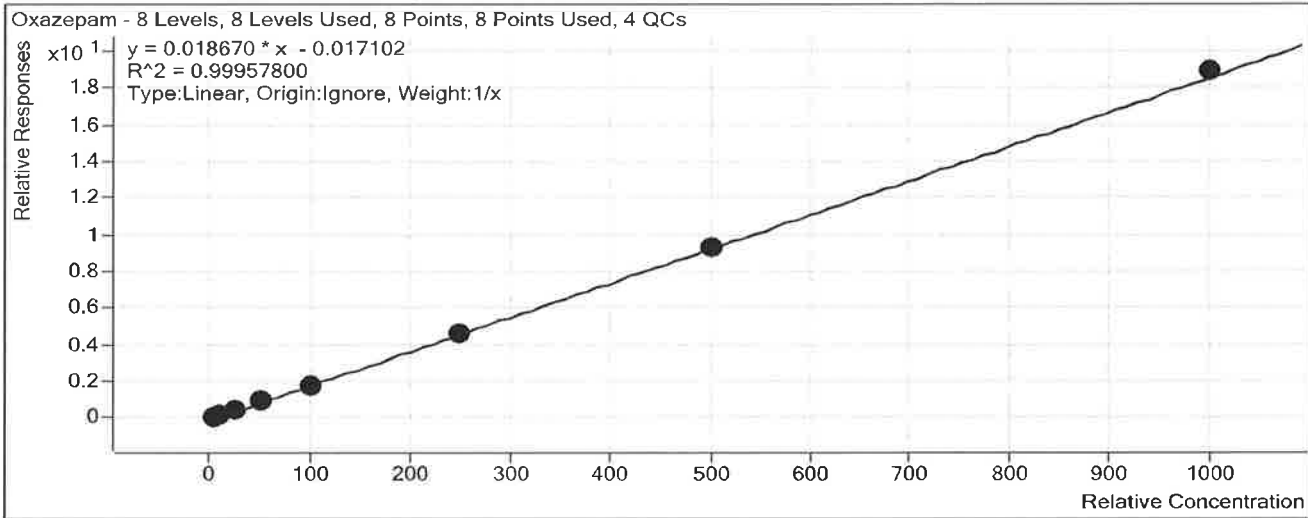
Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	5.4	108.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.7	107.0
b QC 10	2	<input checked="" type="checkbox"/>	10	10.3	103.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.7	90.6
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.7	99.3
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b QC 100	5	<input checked="" type="checkbox"/>	100	96.2	96.2
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	243.5	97.4
b QC 250	6	<input checked="" type="checkbox"/>	250	247.6	99.0
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	499.4	99.9
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1012.2	101.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1045.3	104.5

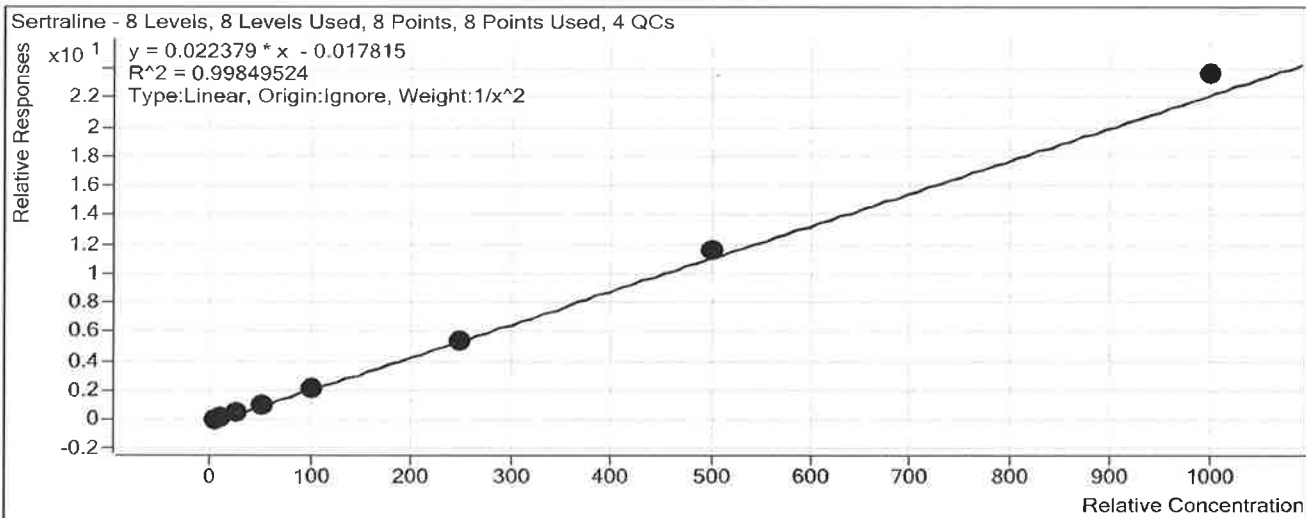
ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	101.3
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.9	99.4
b QC 10	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.1	96.4
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	48.9	97.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b QC 100	5	<input checked="" type="checkbox"/>	100	96.9	96.9
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	246.5	98.6
b QC 250	6	<input checked="" type="checkbox"/>	250	254.6	101.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	519.2	103.8
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1057.3	105.7
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1117.2	111.7

ISP FORENSICS

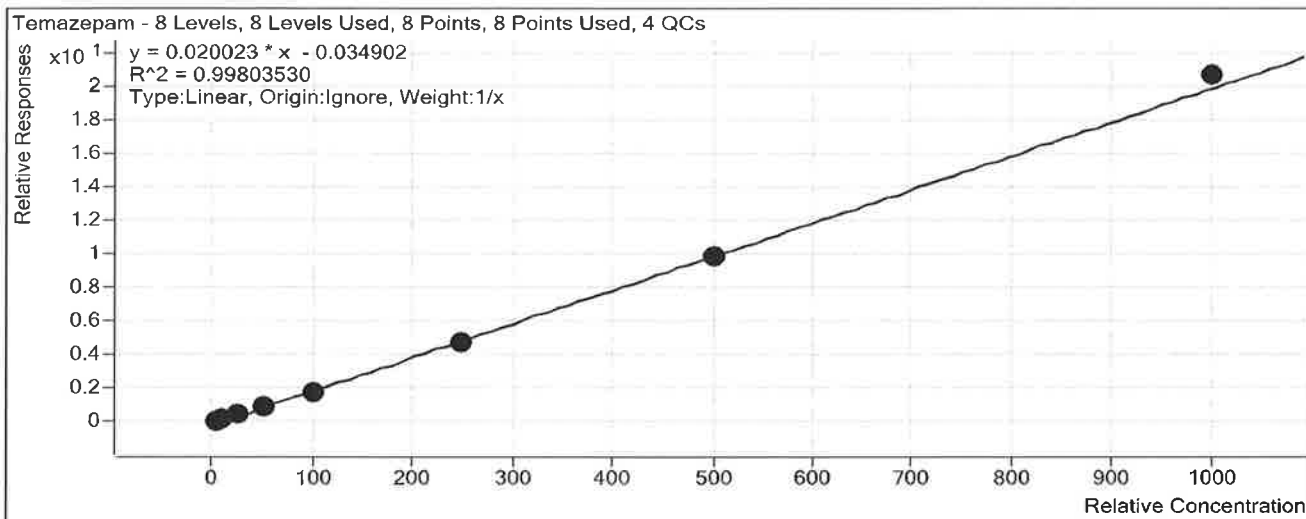
Calibration Curve Report

JP

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 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	6.2	123.1
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.4	103.8
b QC 10	2	<input checked="" type="checkbox"/>	10	11.0	110.1
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	22.8	91.3
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	47.8	95.7
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	89.2	89.2
b QC 100	5	<input checked="" type="checkbox"/>	100	91.6	91.6
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	236.9	94.7
b QC 250	6	<input checked="" type="checkbox"/>	250	233.3	93.3
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	495.1	99.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1031.7	103.2
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1005.4	100.5

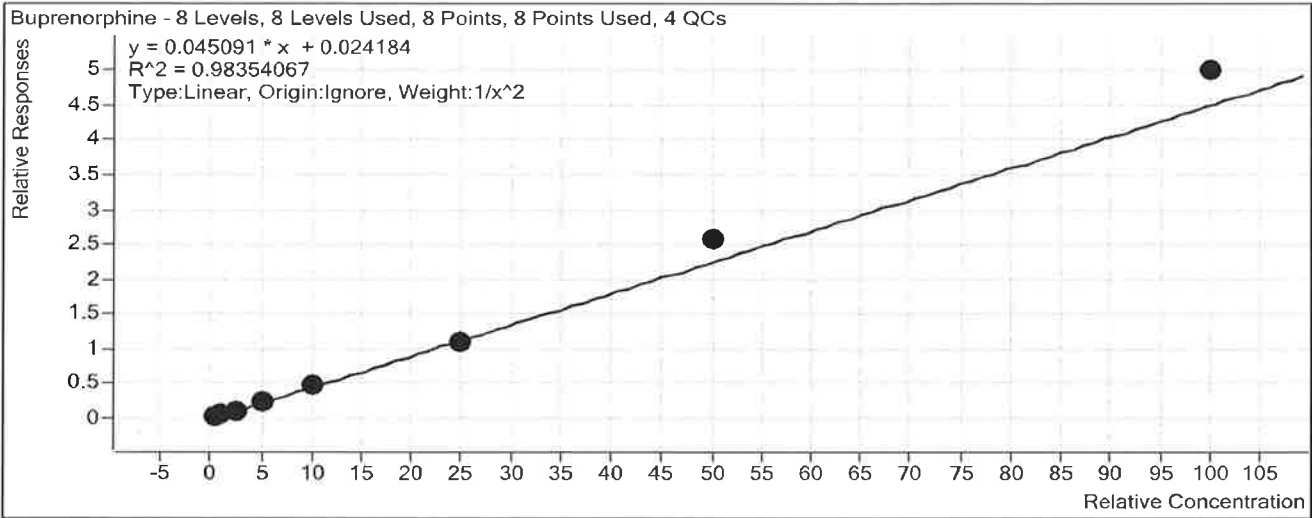
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin

Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Buprenorphine
Internal Standard Buprenorphine-D4



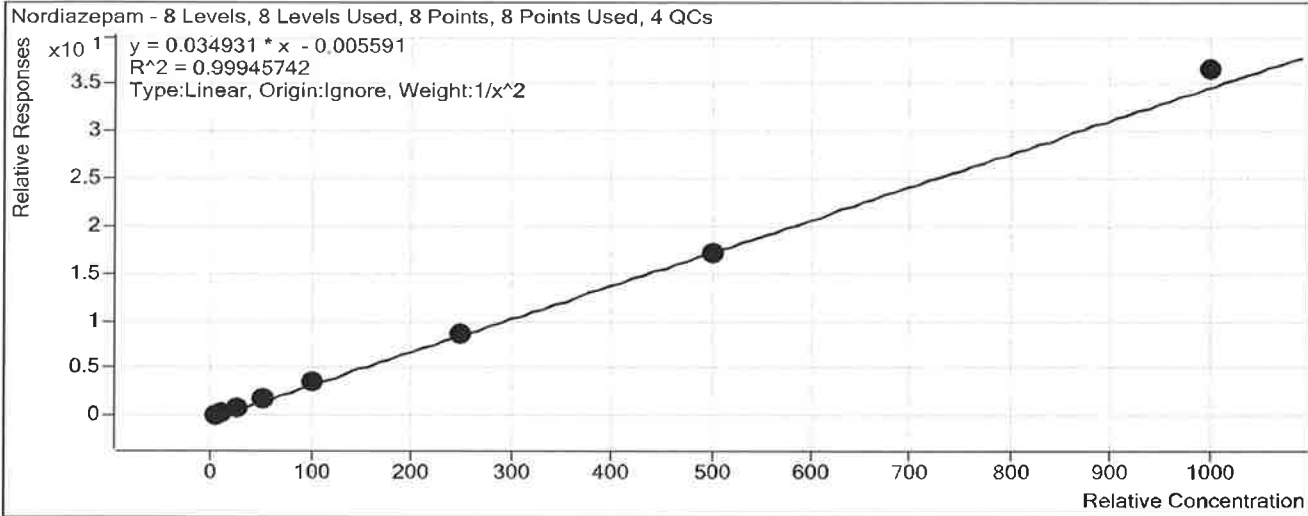
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	0.5	0.5	98.5
b cal 2-10ng	2	<input checked="" type="checkbox"/>	1	1.1	112.3
b QC 10	2	<input checked="" type="checkbox"/>	1	0.9	88.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	2.5	2.0	80.9
b cal 4-50ng	4	<input checked="" type="checkbox"/>	5	4.5	90.9
b cal 5-100ng	5	<input checked="" type="checkbox"/>	10	9.9	98.9
b QC 100	5	<input checked="" type="checkbox"/>	10	11.1	111.3
b cal 6-250ng	6	<input checked="" type="checkbox"/>	25	23.9	95.7
b QC 250	6	<input checked="" type="checkbox"/>	25	22.4	89.8
b cal 7-500ng	7	<input checked="" type="checkbox"/>	50	56.2	112.4
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	100	110.3	110.3
b QC 1000	8	<input checked="" type="checkbox"/>	100	103.5	103.5

ISP FORENSICS Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 PM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



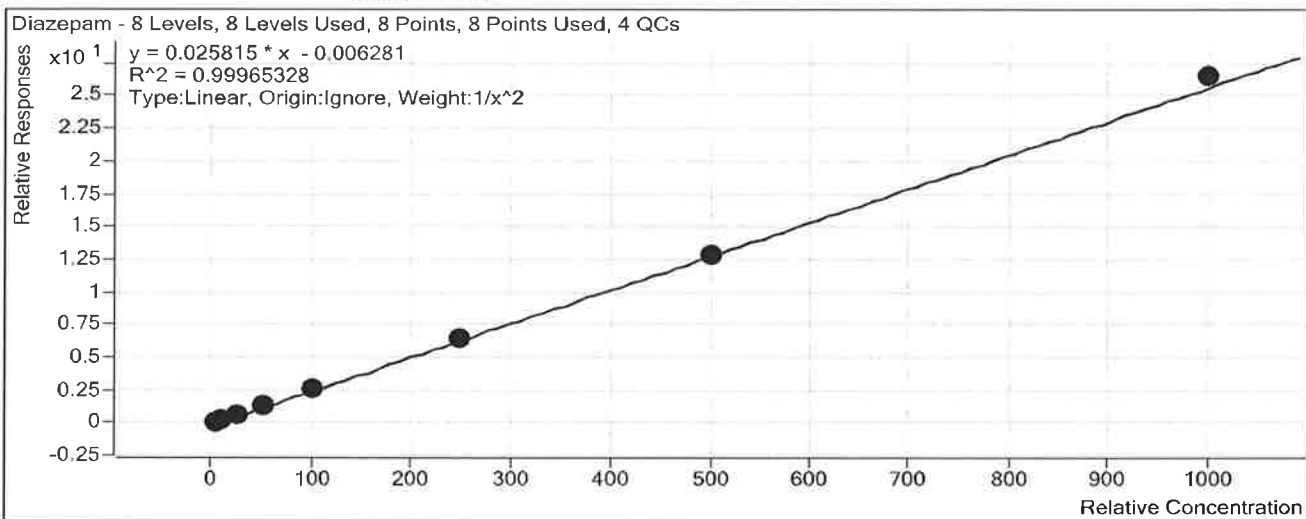
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng	1	<input checked="" type="checkbox"/>	5	5.0	100.6
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	10.0	99.7
b QC 10	2	<input checked="" type="checkbox"/>	10	9.8	98.3
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.7	98.7
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.4	98.8
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b QC 100	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	250.0	100.0
b QC 250	6	<input checked="" type="checkbox"/>	250	252.2	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	490.2	98.0
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1045.9	104.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1030.7	103.1

ISP FORENSICS Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.bin
Last Calib Update 1/12/2018 3:29 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	101.4
b cal 2-10ng	2	<input checked="" type="checkbox"/>	10	9.8	97.6
b QC 10	2	<input checked="" type="checkbox"/>	10	9.6	96.2
b cal 3-25ng	3	<input checked="" type="checkbox"/>	25	24.8	99.1
b cal 4-50ng	4	<input checked="" type="checkbox"/>	50	49.8	99.6
b cal 5-100ng	5	<input checked="" type="checkbox"/>	100	101.4	101.4
b QC 100	5	<input checked="" type="checkbox"/>	100	106.8	106.8
b cal 6-250ng	6	<input checked="" type="checkbox"/>	250	247.7	99.1
b QC 250	6	<input checked="" type="checkbox"/>	250	252.3	100.9
b cal 7-500ng	7	<input checked="" type="checkbox"/>	500	496.5	99.3
b cal 8-1000ng	8	<input checked="" type="checkbox"/>	1000	1025.9	102.6
b QC 1000	8	<input checked="" type="checkbox"/>	1000	1028.1	102.8

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

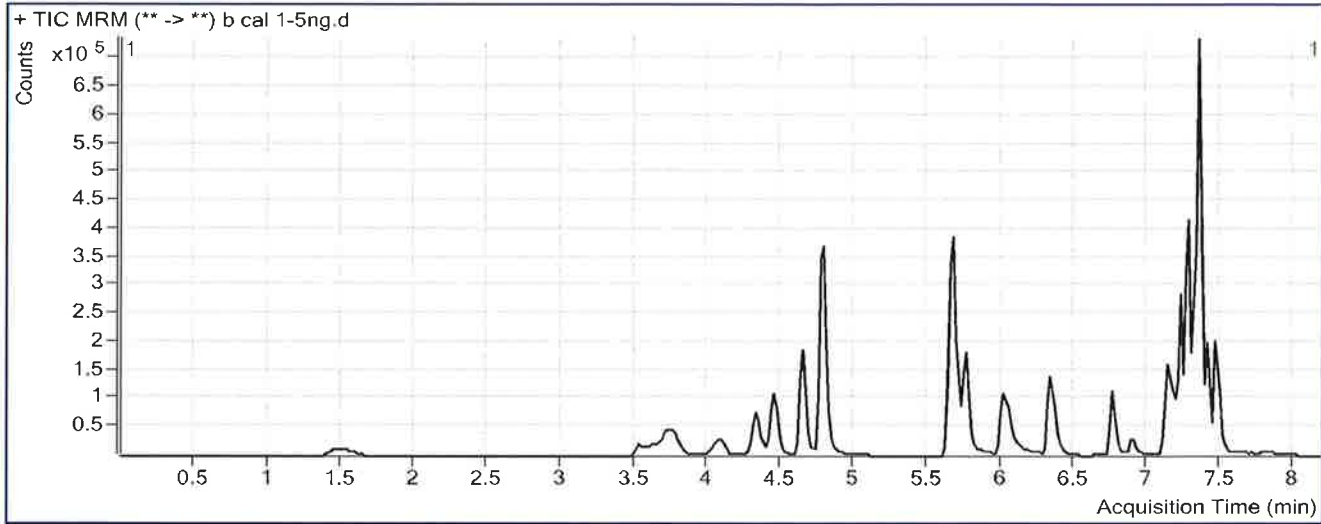
D

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.t
Analysis Time 1/18/2018 11:54 AM **Analyst Name** ISPUser
Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 13:45 **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-H12 **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	1.508	16655	124915	0.1333	5.4035
Dihydrocodeine	Dihydrocodeine-D6	3.675	12704	157684	0.0806	4.7156
Naloxone	Naloxone-D5	3.811	23462	341825	0.0686	5.2416
Noroxycodone	Noroxycodone-D3	4.119	18110	145884	0.1241	5.5848
Naltrexone	Naltrexone-D3	4.351	27785	283874	0.0979	5.0450
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	5215	435834	0.0120	0.5176
Naltrexol	Naltrexol-D3	4.649	59028	540773	0.1092	4.5861
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	127294	1238665	0.1028	5.1931
Ketamine	Ketamine-D4	5.681	69980	653755	0.1070	4.9977
Norfentanyl	Norfentanyl-D5	5.703	5796	749865	0.0077	1.2609
alpha-PVP	alpha-PVP-d8	6.027	47153	469428	0.1004	5.0959
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	3283	470998	0.0070	0.5876
Norbuprenorphine	Norbuprenorphine-D3	6.672	143	12316	0.0116	0.7940
Fentanyl	Fentanyl-D5	6.780	3039	336580	0.0090	0.6371
EDDP	EDDP-D3	6.910	8319	85636	0.0971	6.0985
Quetiapine	Quetiapine-D8	7.138	78095	163750	0.4769	4.9469
Sufentanil	Sufentanil-D5	7.158	2340	218939	0.0107	0.6272
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	18310	147609	0.1240	5.7114
Methadone	Methadone-D9	7.222	59498	552210	0.1077	4.9151

outside
curve range

outside
curve range

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

6 cal 1 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	52183	484258	0.1078	5.0789
Oxazepam	Oxazepam-D5	7.288	38709	461984	0.0838	5.4040
Sertraline	Sertraline-D3	7.325	22235	232632	0.0956	5.0671
Temazepam	Temazepam-D5	7.347	106065	1200349	0.0884	6.1560
Buprenorphine	Buprenorphine-D4	7.516	5960	128441	0.0464	0.4927
Nordiazepam	Nordiazepam-D5	7.414	55002	323449	0.1700	5.0282
Diazepam	Diazepam-D5	7.470	39687	318678	0.1245	5.0675

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

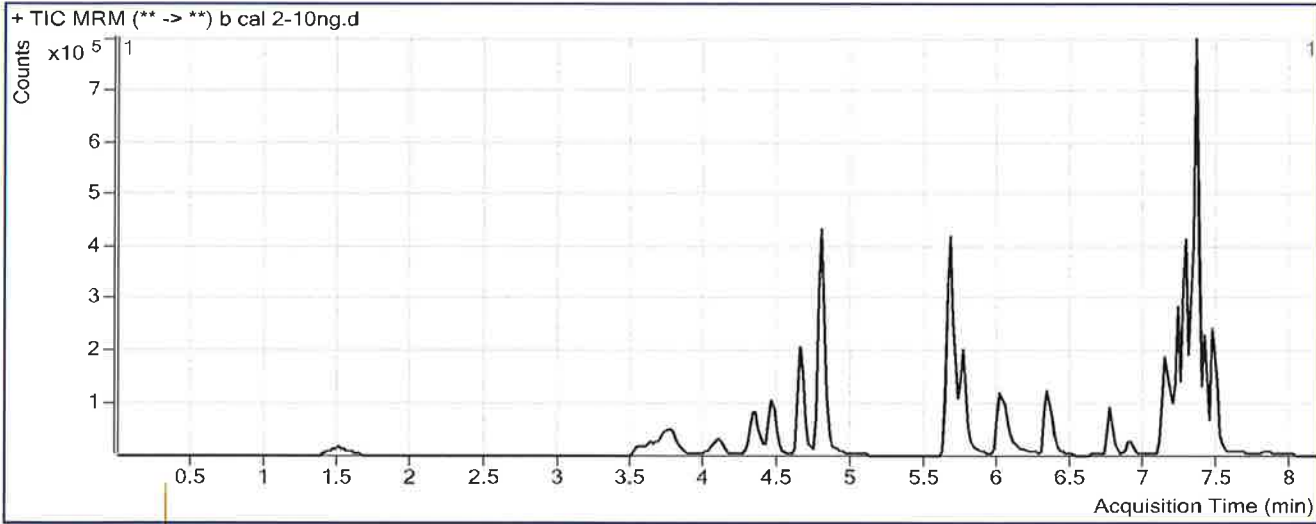
P

Batch Data Path C:\MassHunter\Data\2018\MD Quant\MDQ Panel 1 SP 011118\QuantResults\MDQ Panel 1b SP 011118.batch.t
Analysis Time 1/18/2018 11:54 AM **Analyst Name** ISPUser
Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 14:17 **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-G12 **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	1.508	33339	122517	0.2721	9.8886
Dihydrocodeine	Dihydrocodeine-D6	3.695	26411	156754	0.1685	9.5713
Naloxone	Naloxone-D5	3.811	47657	339865	0.1402	9.4902
Noroxycodone	Noroxycodone-D3	4.119	37426	140395	0.2666	10.2343
Naltrexone	Naltrexone-D3	4.351	56934	279029	0.2040	9.8349
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	10018	428820	0.0234	0.9597
Naltrexol	Naltrexol-D3	4.669	124711	532807	0.2341	9.8205
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	259243	1231144	0.2106	10.0358
Ketamine	Ketamine-D4	5.681	145191	632304	0.2296	10.0839
Norfentanyl	Norfentanyl-D5	5.703	13376	763684	0.0175	1.6989
alpha-PVP	alpha-PVP-d8	6.027	93404	457131	0.2043	9.6923
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	5919	418794	0.0141	1.0250
Norbuprenorphine	Norbuprenorphine-D3	6.672	199	12085	0.0165	1.0588
Fentanyl	Fentanyl-D5	6.780	4864	284986	0.0171	1.0209
EDDP	EDDP-D3	6.889	15740	80412	0.1957	10.3232
Quetiapine	Quetiapine-D8	7.138	155995	149213	1.0455	10.2623
Sufentanil	Sufentanil-D5	7.158	3178	188680	0.0168	0.9031
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	33135	122492	0.2705	10.9174
Methadone	Methadone-D9	7.222	111445	449346	0.2480	10.1707

outside P
curve range
outside P
curve range

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

b cal 2 P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	88312	416458	0.2121	9.5963
Oxazepam	Oxazepam-D5	7.288	81139	444249	0.1826	10.6989
Sertraline	Sertraline-D3	7.325	39961	195195	0.2047	9.9442
Temazepam	Temazepam-D5	7.347	234366	1354805	0.1730	10.3825
Buprenorphine	Buprenorphine-D4	7.416	8760	117071	0.0748	1.1231
Nordiazepam	Nordiazepam-D5	7.414	109581	319931	0.3425	9.9655
Diazepam	Diazepam-D5	7.470	76303	310498	0.2457	9.7628

ISP FORENSICS - Pocatello Instrument # 59740

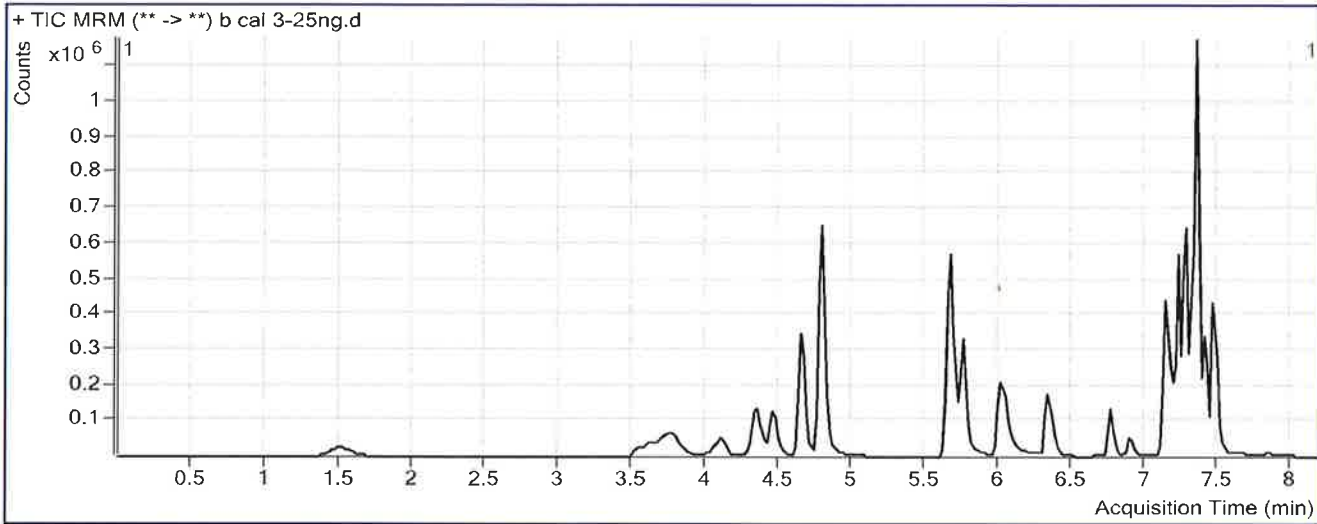
Multi-Drug Confirmatory Analysis Report

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Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 14:48 **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-F12 **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	1.508	104424	145477	0.7178	24.2920
Dihydrocodeine	Dihydrocodeine-D6	3.675	82080	183888	0.4464	24.9169
Naloxone	Naloxone-D5	3.811	146135	399060	0.3662	22.9016
Noroxycodone	Noroxycodone-D3	4.119	116289	165974	0.7006	24.4031
Naltrexone	Naltrexone-D3	4.351	169051	316054	0.5349	24.7614
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	30484	503206	0.0606	2.4037
Naltrexol	Naltrexol-D3	4.669	394051	645563	0.6104	25.5913
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	795787	1474216	0.5398	24.8253
Ketamine	Ketamine-D4	5.681	432890	750011	0.5772	24.5049
Norfentanyl	Norfentanyl-D5	5.703	38873	889179	0.0437	2.8718
alpha-PVP	alpha-PVP-d8	6.027	300021	553039	0.5425	24.6558
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	20294	558513	0.0363	2.3803
Norbuprenorphine	Norbuprenorphine-D3	6.672	694	15340	0.0453	2.6303
Fentanyl	Fentanyl-D5	6.760	16604	388772	0.0427	2.2451
EDDP	EDDP-D3	6.889	49710	105178	0.4726	22.1861
Quetiapine	Quetiapine-D8	7.138	515390	195410	2.6375	25.1463
Sufentanil	Sufentanil-D5	7.158	14170	266037	0.0533	2.5356
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	118250	193628	0.6107	23.0091
Methadone	Methadone-D9	7.222	414526	624056	0.6642	25.7659

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

b cal 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	354198	605902	0.5846	25.7318
Oxazepam	Oxazepam-D5	7.288	183079	450981	0.4060	22.6601
Sertraline	Sertraline-D3	7.325	155983	299240	0.5213	24.0888
Temazepam	Temazepam-D5	7.347	611025	1447760	0.4220	22.8210
Buprenorphine	Buprenorphine-D4	7.416	18825	163192	0.1154	2.0219
Nordiazepam	Nordiazepam-D5	7.414	295214	344626	0.8566	24.6832
Diazepam	Diazepam-D5	7.470	238575	376658	0.6334	24.7796

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

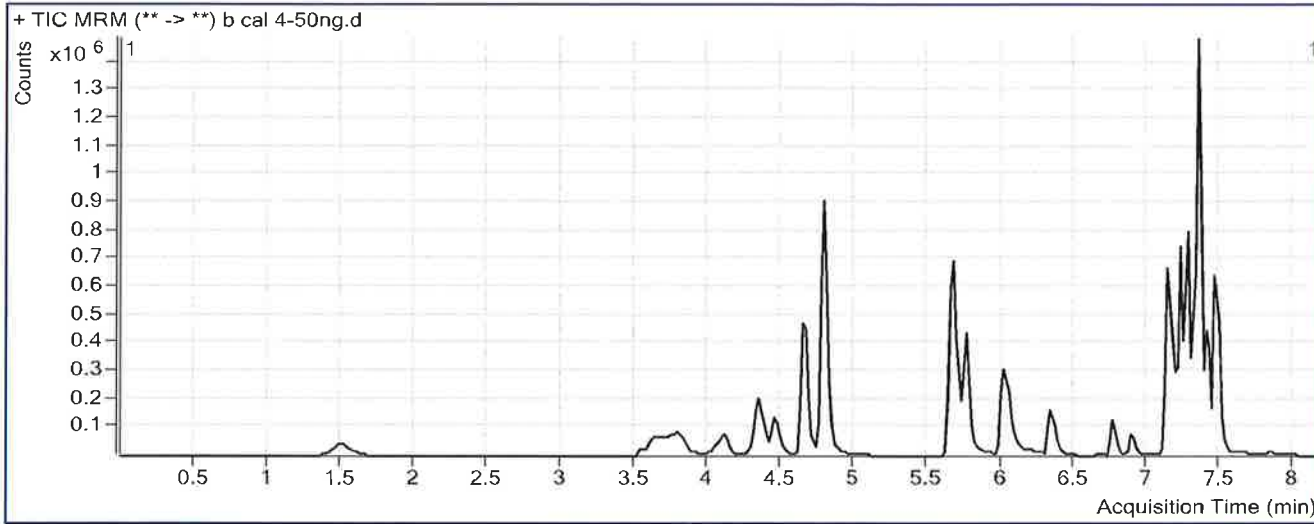
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Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 15:20 **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-E12 **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	1.508	207023	141863	1.4593	48.2556
Dihydrocodeine	Dihydrocodeine-D6	3.675	163035	184116	0.8855	49.1688
Naloxone	Naloxone-D5	3.831	297957	378740	0.7867	47.8584
Noroxycodone	Noroxycodone-D3	4.119	222710	155776	1.4297	48.2006
Naltrexone	Naltrexone-D3	4.351	336172	305556	1.1002	50.2672
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	60159	504481	0.1192	4.6799
Naltrexol	Naltrexol-D3	4.669	785218	638417	1.2299	51.5541
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	1606965	1474402	1.0899	49.5369
Ketamine	Ketamine-D4	5.681	892186	756213	1.1798	49.5097
Norfentanyl	Norfentanyl-D5	5.703	78189	860280	0.0909	4.9833
alpha-PVP	alpha-PVP-d8	6.027	582729	526690	1.1064	49.6077
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	37007	493227	0.0750	4.7425
Norbuprenorphine	Norbuprenorphine-D3	6.672	1029	12805	0.0803	4.5458
Fentanyl	Fentanyl-D5	6.780	31342	350272	0.0895	4.4783
EDDP	EDDP-D3	6.889	101817	95936	1.0613	47.4079
Quetiapine	Quetiapine-D8	7.138	949158	189148	5.0181	47.4027
Sufentanil	Sufentanil-D5	7.158	24870	247571	0.1005	4.6510
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	216082	174983	1.2349	45.1941
Methadone	Methadone-D9	7.222	752342	563931	1.3341	50.8641

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	610674	540957	1.1289	49.3073
Oxazepam	Oxazepam-D5	7.288	298608	328096	0.9101	49.6644
Sertraline	Sertraline-D3	7.325	284491	264169	1.0769	48.9187
Temazepam	Temazepam-D5	7.347	1148958	1244762	0.9230	47.8412
Buprenorphine	Buprenorphine-D4	7.416	31276	136525	0.2291	4.5442
Nordiazepam	Nordiazepam-D5	7.434	553989	322211	1.7193	49.3808
Diazepam	Diazepam-D5	7.470	478522	374218	1.2787	49.7780

ISP FORENSICS - Pocatello Instrument # 59740

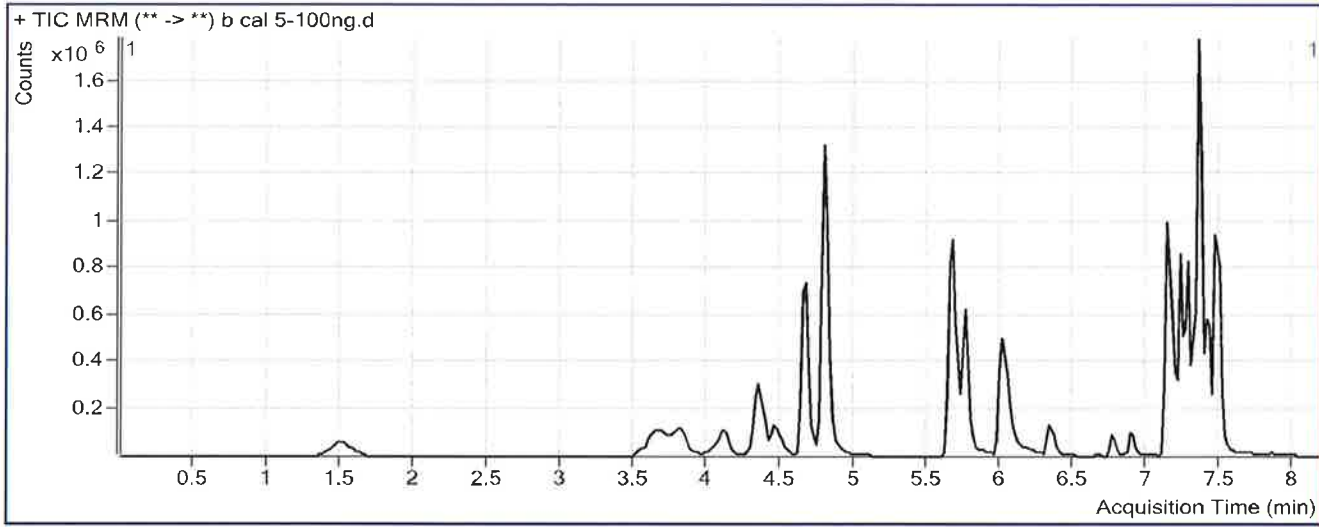
Multi-Drug Confirmatory Analysis Report

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Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 15:51 **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-D12 **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	1.508	406710	135962	2.9913	97.7669
Dihydrocodeine	Dihydrocodeine-D6	3.695	333960	176400	1.8932	104.8196
Naloxone	Naloxone-D5	3.831	546021	350625	1.5573	93.5913
Noroxycodone	Noroxycodone-D3	4.119	413646	143002	2.8926	95.9526
Naltrexone	Naltrexone-D3	4.351	611644	275204	2.2225	100.9033
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.523	117106	471751	0.2482	9.6842
Naltrexol	Naltrexol-D3	4.669	1490766	604255	2.4671	103.3991
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	3085650	1411499	2.1861	98.7784
Ketamine	Ketamine-D4	5.660	1756251	714862	2.4568	102.4943
Norfentanyl	Norfentanyl-D5	5.703	147182	793616	0.1855	9.2164
alpha-PVP	alpha-PVP-d8	6.027	1100418	497027	2.2140	98.6176
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	54300	354961	0.1530	9.5010
Norbuprenorphine	Norbuprenorphine-D3	6.672	1919	11108	0.1727	9.5935
Fentanyl	Fentanyl-D5	6.780	43661	229594	0.1902	9.2856
EDDP	EDDP-D3	6.889	170311	79753	2.1355	93.4309
Quetiapine	Quetiapine-D8	7.138	1587617	147913	10.7334	100.8361
Sufentanil	Sufentanil-D5	7.158	30204	153121	0.1973	8.9897
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	293307	111811	2.6232	94.5415
Methadone	Methadone-D9	7.222	1058293	398227	2.6575	100.4495

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	746227	325107	2.2953	99.8306
Oxazepam	Oxazepam-D5	7.288	418007	234327	1.7839	96.4642
Sertraline	Sertraline-D3	7.325	338580	157510	2.1496	96.8501
Temazepam	Temazepam-D5	7.347	2022708	1155618	1.7503	89.1578
Buprenorphine	Buprenorphine-D4	7.416	44739	95142	0.4702	9.8921
Nordiazepam	Nordiazepam-D5	7.434	933169	268533	3.4751	99.6434
Diazepam	Diazepam-D5	7.470	890276	341062	2.6103	101.3601

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

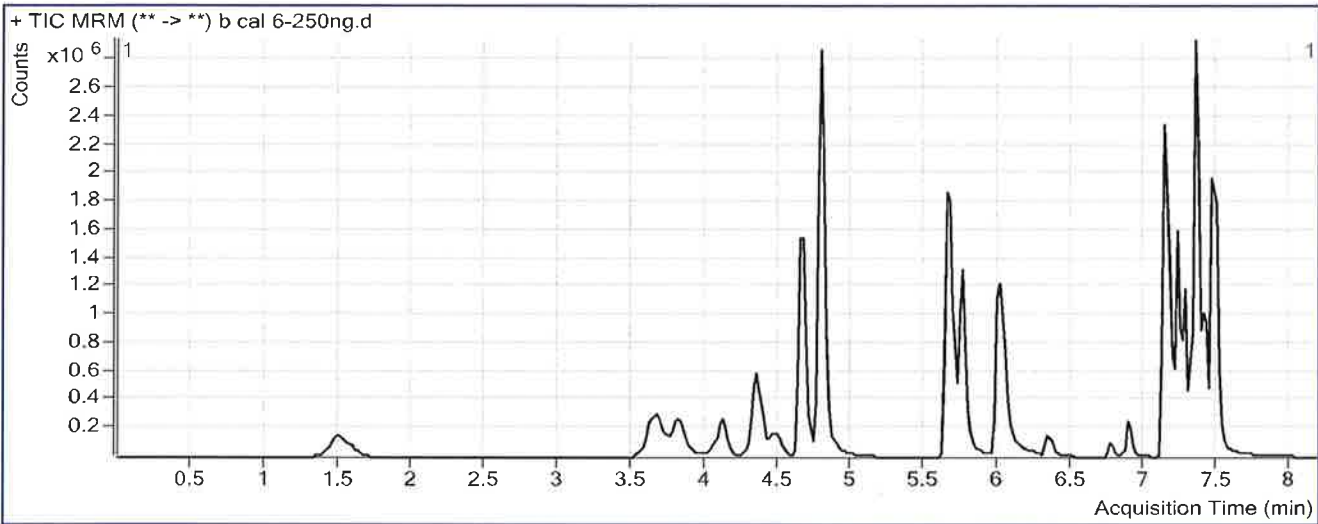
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Last Calib Update	1/18/2018 11:54 AM	Batch State	Processed

Analysis Info

Acq Time	2018-01-11 16:23	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-C12	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	1.508	1084976	139932	7.7536	251.6708
Dihydrocodeine	Dihydrocodeine-D6	3.675	926138	191231	4.8430	267.7264
Naloxone	Naloxone-D5	3.811	1359856	320885	4.2378	252.6794
Noroxycodone	Noroxycodone-D3	4.119	1017733	143124	7.1109	233.6462
Naltrexone	Naltrexone-D3	4.351	1382201	247255	5.5902	252.8446
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	332527	500489	0.6644	25.8302
Naltrexol	Naltrexol-D3	4.669	3784338	627243	6.0333	252.8438
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	8303160	1532439	5.4183	243.9726
Ketamine	Ketamine-D4	5.660	4743700	779347	6.0868	253.1129
Norfentanyl	Norfentanyl-D5	5.703	401527	803402	0.4998	23.2864
alpha-PVP	alpha-PVP-d8	6.027	3006218	531040	5.6610	251.1427
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.358	113617	301870	0.3764	23.1393
Norbuprenorphine	Norbuprenorphine-D3	6.672	3936	8719	0.4514	24.8178
Fentanyl	Fentanyl-D5	6.780	85016	173419	0.4902	23.6130
EDDP	EDDP-D3	6.889	460560	87914	5.2387	226.3906
Quetiapine	Quetiapine-D8	7.138	3942272	140728	28.0134	262.3886
Sufentanil	Sufentanil-D5	7.158	63178	117773	0.5364	24.1929
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	556798	82091	6.7827	242.3830
Methadone	Methadone-D9	7.222	2237904	321805	6.9542	261.4385

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1310381	228713	5.7294	248.5720
Oxazepam	Oxazepam-D5	7.288	621661	137267	4.5289	243.4925
Sertraline	Sertraline-D3	7.325	607626	110498	5.4990	246.5177
Temazepam	Temazepam-D5	7.347	4217161	895749	4.7080	236.8682
Buprenorphine	Buprenorphine-D4	7.416	86553	78440	1.1034	23.9346
Nordiazepam	Nordiazepam-D5	7.434	1808385	207183	8.7284	250.0359
Diazepam	Diazepam-D5	7.470	2137552	334557	6.3892	247.7452

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

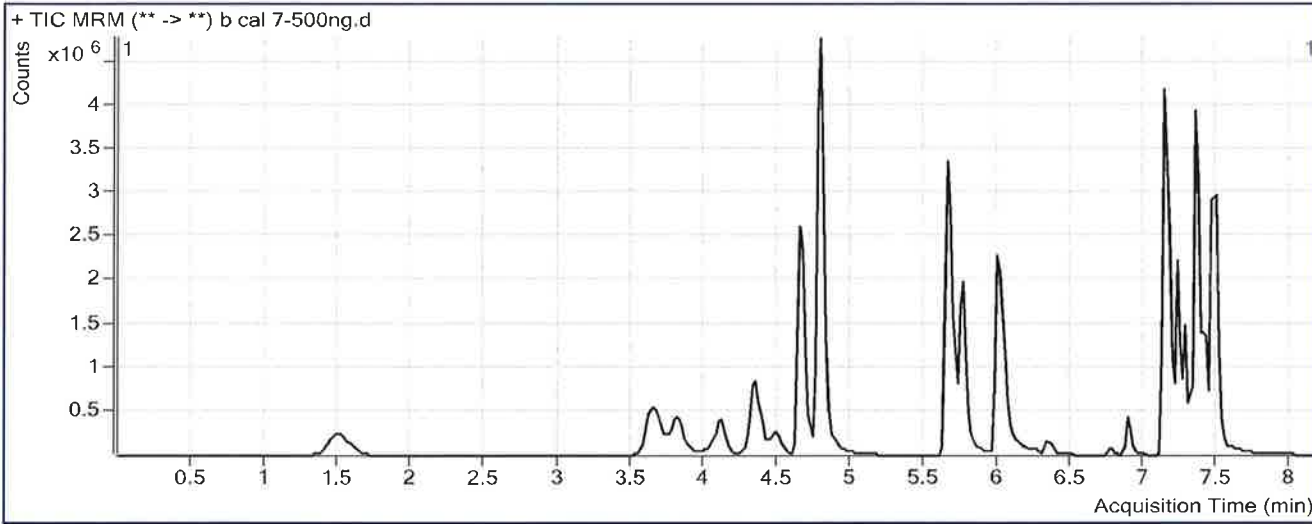


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Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

Acq Time 2018-01-11 16:54 **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-B12 **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	1.508	1996232	127627	15.6411	506.5746
Dihydrocodeine	Dihydrocodeine-D6	3.655	1703263	180461	9.4384	521.5082
Naloxone	Naloxone-D5	3.811	2292524	256641	8.9328	531.3231
Noroxycodone	Noroxycodone-D3	4.119	1759722	114458	15.3744	503.3841
Naltrexone	Naltrexone-D3	4.351	2222522	200936	11.0609	499.6675
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	632397	470993	1.3427	52.1456
Naltrexol	Naltrexol-D3	4.649	6595486	543631	12.1323	508.4289
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	15540373	1390203	11.1785	502.7301
Ketamine	Ketamine-D4	5.660	8909222	773787	11.5138	478.2951
Norfentanyl	Norfentanyl-D5	5.703	722143	686374	1.0521	48.0099
alpha-PVP	alpha-PVP-d8	6.007	5607467	483173	11.6055	514.1790
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	172513	212452	0.8120	49.7341
Norbuprenorphine	Norbuprenorphine-D3	6.672	5658	5736	0.9865	54.0492
Fentanyl	Fentanyl-D5	6.780	110311	103483	1.0660	51.1027
EDDP	EDDP-D3	6.889	840144	67106	12.5197	538.3439
Quetiapine	Quetiapine-D8	7.138	7265380	129363	56.1628	525.5605
Sufentanil	Sufentanil-D5	7.158	78260	68920	1.1355	51.0451
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	713670	50007	14.2713	508.5520
Methadone	Methadone-D9	7.222	3187513	241784	13.1833	494.8296

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

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.284	1440620	123537	11.6614	505.5099
Oxazepam	Oxazepam-D5	7.288	900150	96723	9.3064	499.3904
Sertraline	Sertraline-D3	7.345	658200	56735	11.6012	519.1976
Temazepam	Temazepam-D5	7.347	6792728	687674	9.8778	495.0608
Buprenorphine	Buprenorphine-D4	7.416	106186	41490	2.5593	56.2226
Nordiazepam	Nordiazepam-D5	7.434	2638753	154156	17.1174	490.1919
Diazepam	Diazepam-D5	7.490	3615251	282209	12.8105	496.4916

ISP FORENSICS - Pocatello Instrument # 59740

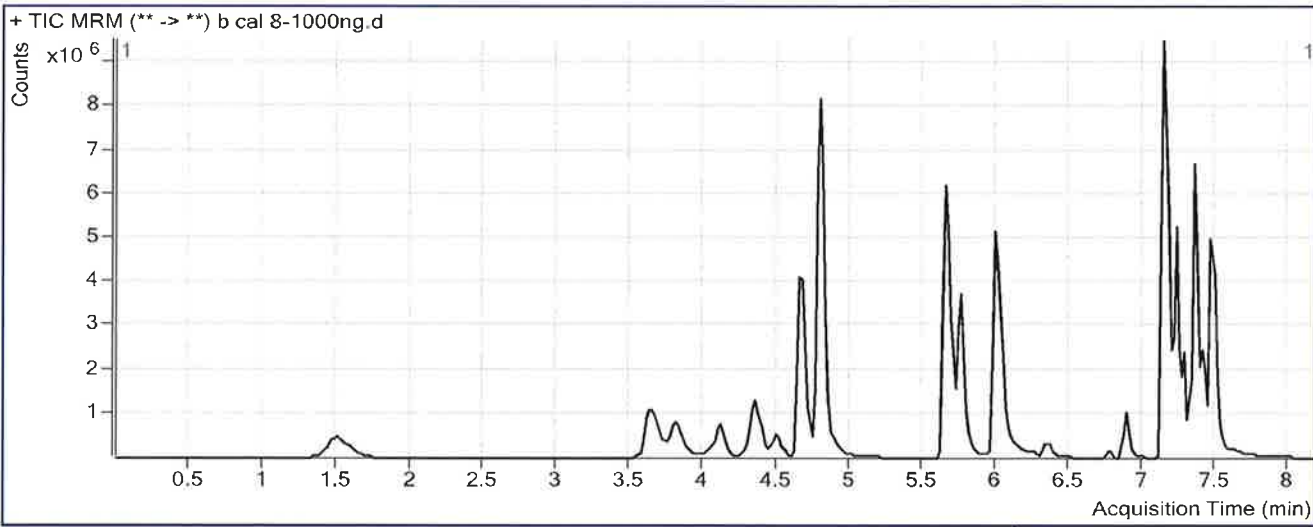
Multi-Drug Confirmatory Analysis Report

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Report Time 1/18/2018 2:04 PM **Reporter Name** ISPUser
Last Calib Update 1/18/2018 11:54 AM **Batch State** Processed

Analysis Info

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Sample Type Calibration **Sample Name** b cal 8-1000ng
Dilution 1 **Acq Method** MD Quant Panel 1b 12-12-17.m
Position P1-A12 **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	1.508	3910374	127001	30.7901	996.1480
Dihydrocodeine	Dihydrocodeine-D6	3.635	3251521	187576	17.3345	957.5731
Naloxone	Naloxone-D5	3.811	4078124	216298	18.8542	1120.1482
Noroxycodone	Noroxycodone-D3	4.119	3274137	105082	31.1580	1018.5943
Naltrexone	Naltrexone-D3	4.351	3575970	162749	21.9723	991.9646
Acetyl Norfentanyl	Acetyl Norfentanyl-D5	4.503	1291643	451460	2.8610	111.0528
Naltrexol	Naltrexol-D3	4.649	12006613	511454	23.4754	983.7763
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	4.800	30316258	1355949	22.3580	1004.9278
Ketamine	Ketamine-D4	5.660	18478130	746455	24.7545	1027.6901
Norfentanyl	Norfentanyl-D5	5.703	1454758	630886	2.3059	104.1322
alpha-PVP	alpha-PVP-d8	6.007	12137284	529924	22.9038	1014.1134
Acetyl Fentanyl	Acetyl Fentanyl-D5	6.338	482310	286624	1.6827	102.8902
Norbuprenorphine	Norbuprenorphine-D3	6.672	11182	6084	1.8381	100.5677
Fentanyl	Fentanyl-D5	6.780	264820	124682	2.1240	101.6173
EDDP	EDDP-D3	6.889	2059801	88795	23.1971	995.8189
Quetiapine	Quetiapine-D8	7.138	17715320	179837	98.5078	921.4487
Sufentanil	Sufentanil-D5	7.158	190090	84438	2.2512	101.0555
Cyclobenzaprine	Cyclobenzaprine-D3	7.192	1755504	61878	28.3706	1009.6916
Methadone	Methadone-D9	7.222	7474589	307346	24.3198	912.0890

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Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Fluoxetine	Fluoxetine-D6	7.263	2406103	103683	23.2063	1005.5628
Oxazepam	Oxazepam-D5	7.288	1470871	77902	18.8810	1012.2255
Sertraline	Sertraline-D3	7.325	1101379	46585	23.6424	1057.2610
Temazepam	Temazepam-D5	7.347	11241479	545085	20.6233	1031.7126
Buprenorphine	Buprenorphine-D4	7.396	220965	44221	4.9968	110.2800
Nordiazepam	Nordiazepam-D5	7.414	4073471	111513	36.5291	1045.9064
Diazepam	Diazepam-D5	7.470	6013321	227114	26.4771	1025.9007