
















D

Worklist: 2895

LAB_CASE	ITEM	TASK_ID	DESCRIPTION	
M2018-5719	2	137750	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6171	1	137751	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6183	1	137752	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6185	1	137753	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6228	1	137754	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
M2018-6364	3	137755	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3591	1	137756	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3652	1	137757	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3653	1	137758	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3654	1	137759	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3655	1	137760	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2018-3656	1	137761	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0006	1	137762	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0007	1	137763	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0052	1	137764	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0054	1	137765	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0060	1	137766	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0084	1	137767	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0085	1	137768	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0099	1	137769	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	
P2019-0103	1	137770	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QC	

AM# 28: Multi-Drug Quantitation in Blood by LC-MS/MS

S

Extraction Date: 1/22/19

Analyst: Sarah Pickle

Plate lot#: 0530563

Plate Expiration: 05/21/19

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

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate 20% Methanol in Water

Blank Blood Lot: 445283-1

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: #16** in wells of analytical (standards) plate.
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. *Shaker ID: 067105*
- 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right) Manifold ID: 067104
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
SPE Dry ID: 067103
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
Worklist path: 012219 MDQ PI SP Batch Name: Pla, Plb
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² 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% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Y / N _____ Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: **Curve Range Limited:** 6-MAM 2.5-100, Amphetamine 5-500, Norhydrocodone 50-1000, Benzoylcegonine 10-500, Methadone 5-500, Mirtazapine 5-500, Norfentanyl 2.5-100

Did not evaluate: Codeine, Buprenorphine, Dihydrocodeine, Norbuprenorphine
Calibrator 3 dropped for oxazepam due to peak cutting off



Idaho State Police Forensic Services

2

AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

Methanol External Control Solution (Lot: 121218)
100 ul each 1 mg/mL stock solution in 9600 ul MeOH

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	177145	
Fluoxetine	Cerilliant	FN06281603	07/31/2021
O-desmethyl Tramadol	Cerilliant	FN01241702	04/30/2022
Amphetamine	Cerilliant	FE04061701	06/30/2022
Alprazolam	Cerilliant	FE07061604	07/31/2021
Prepared:	12/12/18		
Prepared By:	Sarah Pickle		
Expires:	12/12/19		

Blood External Control Solution (Lot: WS121218)
*50 ul of methanol external control solution was added to 9950 ul of blood.
Approximately 50ng/mL of each compound.*

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Hemostat	445283-1
Methanol External Control Solution		121218
Prepared:	12/12/18	
Prepared by:	Sarah Pickle	
Expires:	12/12/19	

8

ISP FORENSICS - Pocatello Instrument # 59740

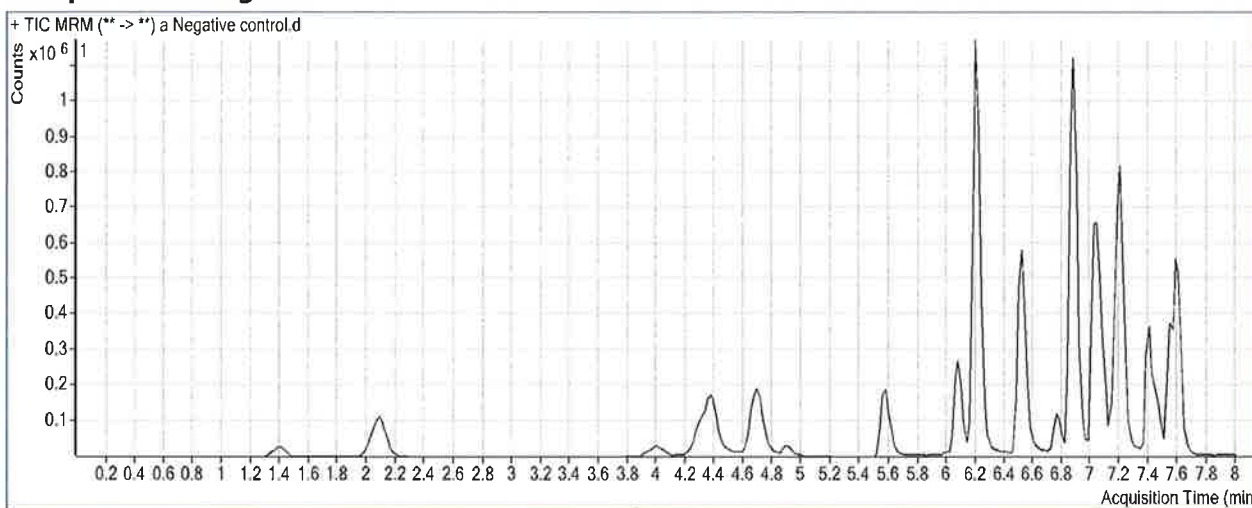
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 18:37 **Data File** a Negative control.d
Sample Type Sample **Sample Name** a Negative control.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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
Codeine	Codeine-D6	4.256	312	124072	0.0025	0.0000 DNE
Amphetamine	Amphetamine-D11	4.507	46493	498209	0.0933	0.5040 <5
Lorazepam	Clonazepam-D4	7.606	6668	217611	0.0306	0.9178 <5

S

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

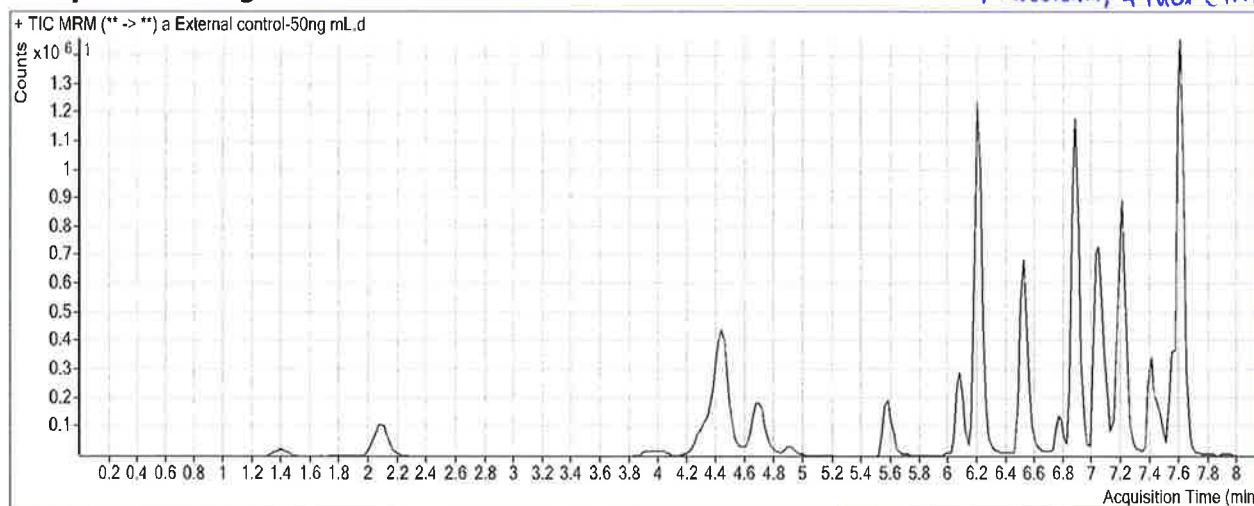
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 19:08 **Data File** a External control-50ng mL.d
Sample Type Sample **Sample Name** a External control-50ng mL.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.m
Position P1-C11 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng ~~trazodone, ketamine, morphine, quetiapine~~

Amphetamine, O-desmethyl-tramadol, alprazolam, fluoxetine

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Amphetamine	Amphetamine-D11	4.447	1438799	527858	2.7257	44.3044
Alprazolam	Alprazolam-D5	7.612	2028041	1531176	1.3245	41.3794

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

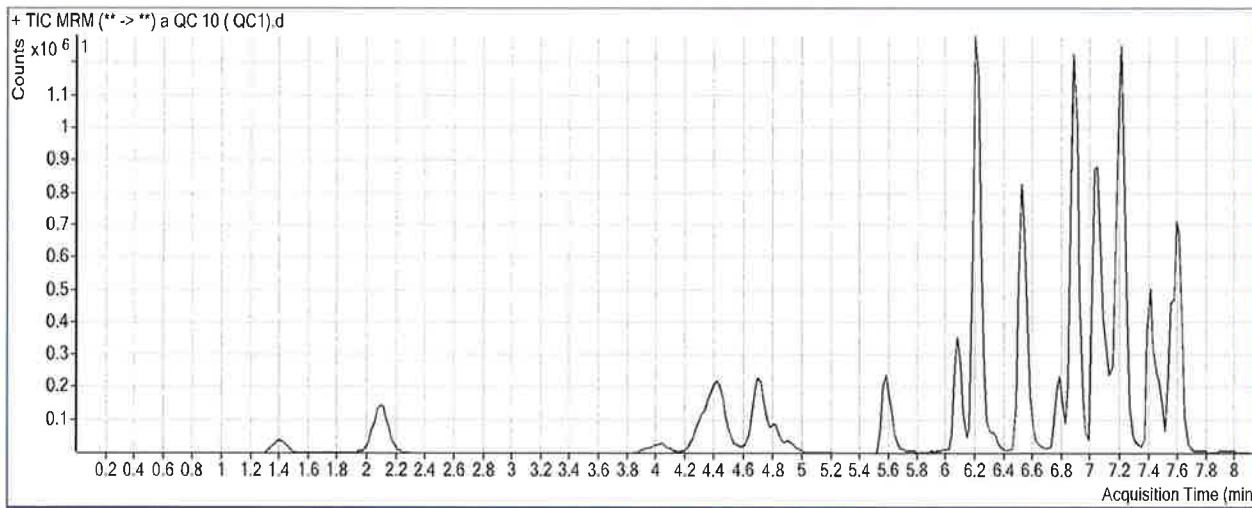
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 20:12 **Data File** a QC 10 (QC1).d
Sample Type QC **Sample Name** a QC 10 (QC1).d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.430	43649	99870	0.4371	9.6709
Hydromorphone	Hydromorphone-D6	2.111	148213	666938	0.2222	9.0626
Codeine	Codeine-D6	4.057	22327	109890	0.2032	0.0000 <i>Did not evaluate</i>
Oxycodone	Oxycodone-D6	4.433	201922	794606	0.2541	10.5214
Amphetamine	Amphetamine-D11	4.467	410680	579122	0.7091	10.7506
Hydrocodone	Hydrocodone-D6	4.718	72426	461785	0.1568	9.9105
Norhydrocodone	Norhydrocodone-D3	4.761	4790	127678	0.0375	28.0449 <i>outside curve range</i>
Methamphetamine	Methamphetamine-D11	4.824	256883	616355	0.4168	9.7070
6-MAM	6-MAM-D6	4.932	1840	93050	0.0198	1.0693 <i>outside curve range</i>
Phentermine	Phentermine-D5	5.628	114926	974435	0.1179	10.2593
Dextrorphan	Dextrorphan-D3	6.087	115472	1013066	0.1140	9.7195
Tramadol	Tramadol-13C-D3	6.227	641766	3648325	0.1759	10.0367
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	149919	641204	0.2338	9.9708
Metoprolol	Oxycodone-D6	6.325	61226	794606	0.0771	10.6501
Doxylamine	Doxylamine-D5	6.546	365311	2477631	0.1474	9.8705
Bupropion	Bupropion-D9	6.795	155777	519687	0.2998	10.1265
Zolpidem	Zolpidem-D6	6.905	575741	3556062	0.1619	10.0035
Meprobamate	Meprobamate-D7	6.918	59825	265637	0.2252	8.7658
Venlafaxine	Venlafaxine-D6	7.030	652670	2415022	0.2703	10.4460
Trazodone	Trazodone-D6	7.120	260898	846077	0.3084	10.9558

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 10

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	266105	1304057	0.2041	9.5132
Dextromethorphan	Dextromethorphan-D3	7.194	94321	364588	0.2587	11.4715
Diphenhydramine	Diphenhydramine-D3	7.218	505864	2449995	0.2065	10.6551
Promethazine	Promethazine-D3	7.413	344096	1178143	0.2921	10.1298
Clonazepam	Clonazepam-D4	7.469	223467	200232	1.1160	10.2839
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	40124	227809	0.1761	9.2789
Carisoprodol	Carisoprodol-D7	7.578	171147	703064	0.2434	10.9126
Lorazepam	Clonazepam-D4	7.587	98983	200232	0.4943	11.0786
Alprazolam	Alprazolam-D5	7.612	397269	1372752	0.2894	10.0778

PS

ISP FORENSICS - Pocatello Instrument # 59740

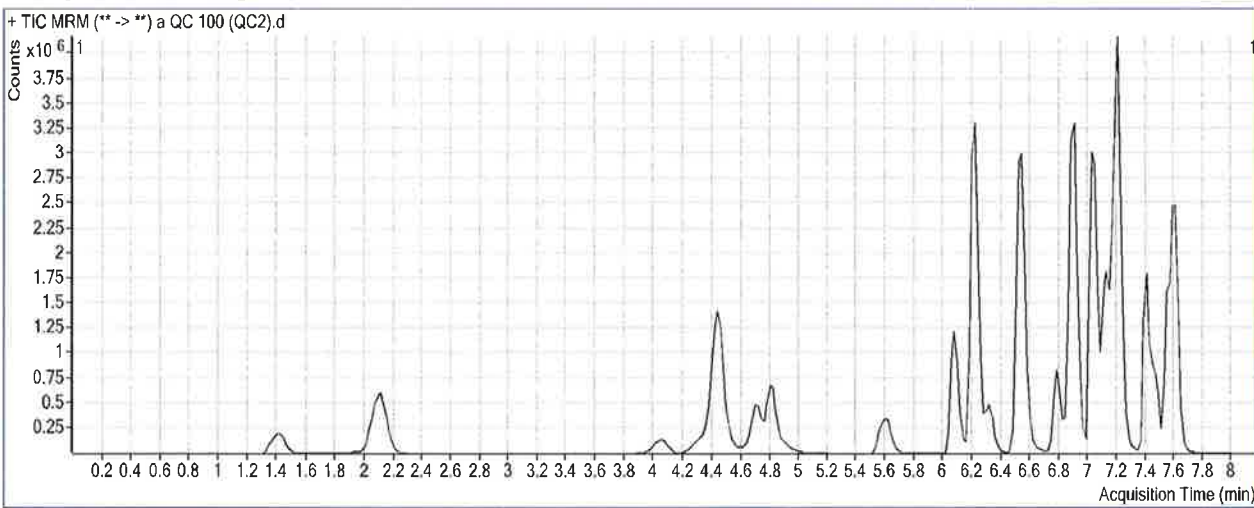
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 21:46 **Data File** a QC 100 (QC2).d
Sample Type QC **Sample Name** a QC 100 (QC2).d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.430	477648	94911	5.0326	97.5429
Hydromorphone	Hydromorphone-D6	2.111	1734719	629288	2.7566	94.7667
Codeine	Codeine-D6	4.057	240038	107330	2.2364	52.5614 <i>Did not evaluate</i>
Oxycodone	Oxycodone-D6	4.433	2304986	785631	2.9339	93.7231
Amphetamine	Amphetamine-D11	4.447	3489180	557139	6.2627	103.1553
Hydrocodone	Hydrocodone-D6	4.718	834691	463654	1.8002	100.6320
Norhydrocodone	Norhydrocodone-D3	4.761	62453	124075	0.5033	96.1302
Methamphetamine	Methamphetamine-D11	4.824	2454910	576149	4.2609	94.0024
6-MAM	6-MAM-D6	4.932	21986	93677	0.2347	8.0781
Phentermine	Phentermine-D5	5.628	1101257	941497	1.1697	99.0299
Dextrophan	Dextrophan-D3	6.087	1324884	1019244	1.2999	98.5094
Tramadol	Tramadol-13C-D3	6.227	6806257	3737500	1.8211	98.9412
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	1527877	607417	2.5154	99.2102
Metoprolol	Oxycodone-D6	6.325	690490	785631	0.8789	122.4458
Doxylamine	Doxylamine-D5	6.546	4034288	2569267	1.5702	95.6426
Bupropion	Bupropion-D9	6.795	1318109	415724	3.1706	95.8353
Zolpidem	Zolpidem-D6	6.905	6378053	3560801	1.7912	91.1317
Meprobamate	Meprobamate-D7	6.918	654274	239875	2.7276	91.8901
Venlafaxine	Venlafaxine-D6	7.030	6957756	2476208	2.8098	94.2321
Trazodone	Trazodone-D6	7.120	2858188	936620	3.0516	98.7493

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 100

F

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	2789508	1200335	2.3239	93.9835
Dextromethorphan	Dextromethorphan-D3	7.194	1017636	400353	2.5419	99.8521
Diphenhydramine	Diphenhydramine-D3	7.218	5329275	2459378	2.1669	92.9020
Promethazine	Promethazine-D3	7.413	3649220	1162918	3.1380	99.5301
Clonazepam	Clonazepam-D4	7.469	1838569	153396	11.9857	101.8743
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	387413	193801	1.9990	93.1250
Carisoprodol	Carisoprodol-D7	7.558	1709020	662576	2.5794	94.1309
Lorazepam	Clonazepam-D4	7.587	648048	153396	4.2247	92.8192
Alprazolam	Alprazolam-D5	7.612	3656002	1249041	2.9270	89.8406

PS

ISP FORENSICS - Pocatello Instrument # 59740

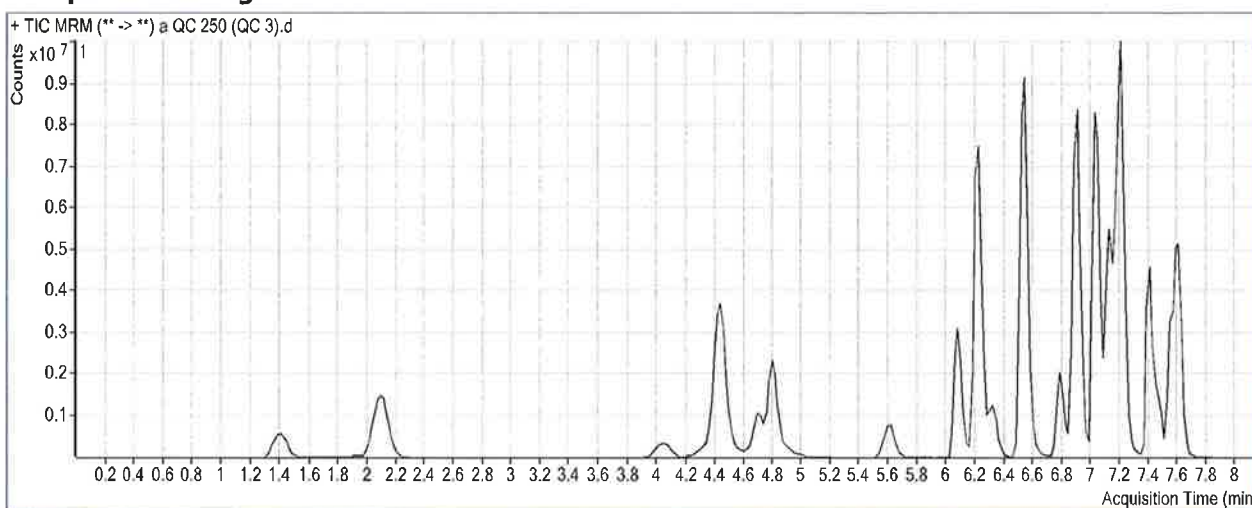
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 00:55 **Data File** a QC 250 (QC 3).d
Sample Type QC **Sample Name** a QC 250 (QC 3).d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	1434403	104457	13.7319	263.8852
Hydromorphone	Hydromorphone-D6	2.111	5058685	681554	7.4223	252.5408
Codeine	Codeine-D6	4.057	690709	115540	5.9781	162.4177
Oxycodone	Oxycodone-D6	4.413	6724272	866243	7.7626	243.6407
Amphetamine	Amphetamine-D11	4.447	9407879	660806	14.2370	235.8393
Hydrocodone	Hydrocodone-D6	4.698	2381600	518146	4.5964	254.9881
Norhydrocodone	Norhydrocodone-D3	4.741	206812	121280	1.7052	271.7991
Methamphetamine	Methamphetamine-D11	4.804	8377903	744177	11.2579	247.4365
6-MAM	6-MAM-D6	4.912	69460	102362	0.6786	22.5523
Phentermine	Phentermine-D5	5.628	3200303	1036145	3.0887	260.9973
Dextrophan	Dextrophan-D3	6.087	3984892	1197893	3.3266	250.2539
Tramadol	Tramadol-13C-D3	6.227	20014289	4359809	4.5906	248.6079
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	3553737	552064	6.4372	252.6053
Metoprolol	Oxycodone-D6	6.325	1857148	866243	2.1439	298.8173
Doxylamine	Doxylamine-D5	6.546	12714701	3030830	4.1951	253.8866
Bupropion	Bupropion-D9	6.795	3621044	439479	8.2394	247.1611
Zolpidem	Zolpidem-D6	6.905	19104326	3754821	5.0879	255.2899
Meprobamate	Meprobamate-D7	6.918	1556002	201896	7.7070	257.2979
Venlafaxine	Venlafaxine-D6	7.030	22106875	2832655	7.8043	259.0090
Trazodone	Trazodone-D6	7.120	8127945	1090151	7.4558	239.6994

Did not evaluate

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report 9 QC 250

SP

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	7804327	1264893	6.1700	247.2343
Dextromethorphan	Dextromethorphan-D3	7.194	2855071	430064	6.6387	258.4419
Diphenhydramine	Diphenhydramine-D3	7.218	15952997	2756089	5.7883	244.8294
Promethazine	Promethazine-D3	7.413	10891636	1304604	8.3486	263.2142
Clonazepam	Clonazepam-D4	7.469	3459314	112865	30.6500	259.1432
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	844670	156809	5.3866	248.9408
Carisoprodol	Carisoprodol-D7	7.558	3985033	585636	6.8046	244.6579
Lorazepam	Clonazepam-D4	7.587	1192101	112865	10.5622	231.6899
Alprazolam	Alprazolam-D5	7.612	8825901	1096017	8.0527	244.8411

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

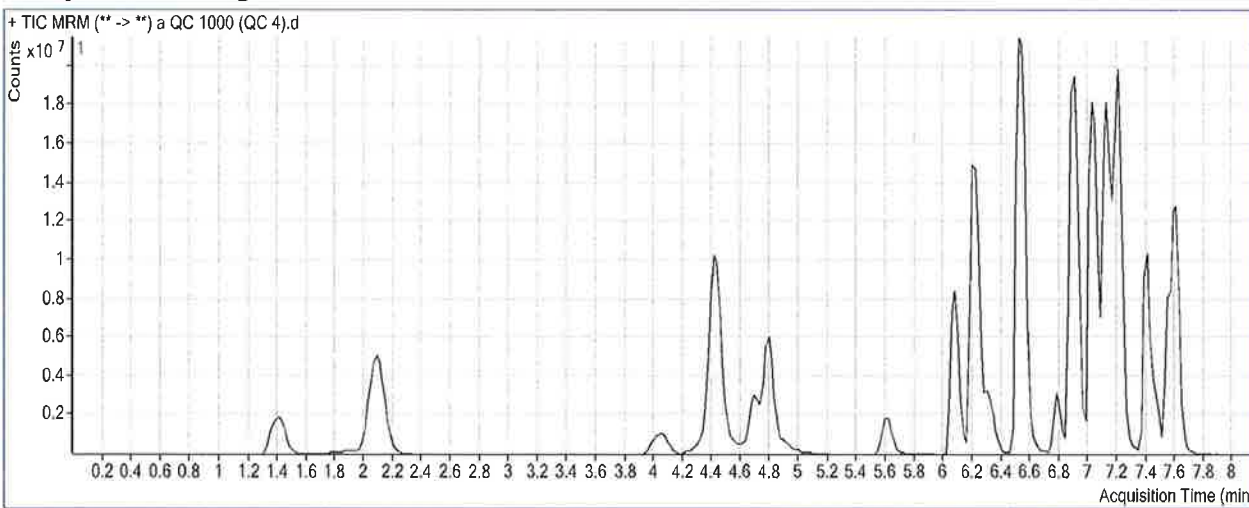
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:33 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 03:16 **Data File** a QC 1000 (QC 4).d
Sample Type QC **Sample Name** a QC 1000 (QC 4).d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	5172146	86218	59.9888	1148.3729
Hydromorphone	Hydromorphone-D6	2.091	17935393	553103	32.4268	1098.0995
Codeine	Codeine-D6	4.057	2225233	89593	24.8372	716.1234
Oxycodone	Oxycodone-D6	4.413	25209474	745215	33.8285	1052.9234
Amphetamine	Amphetamine-D11	4.447	20384987	478277	42.6217	708.1309
Hydrocodone	Hydrocodone-D6	4.698	8020368	441873	18.1508	1003.2377
Norhydrocodone	Norhydrocodone-D3	4.741	659427	84820	7.7744	1158.8637
Methamphetamine	Methamphetamine-D11	4.804	22496528	452069	49.7635	1091.8010
6-MAM	6-MAM-D6	4.912	267652	97791	2.7370	89.6750
Phentermine	Phentermine-D5	5.628	8636411	782255	11.0404	932.1483
Dextrorphan	Dextrorphan-D3	6.087	12054990	850562	14.1730	1062.3460
Tramadol	Tramadol-13C-D3	6.207	55165413	3119245	17.6855	956.2526
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	7533942	328359	22.9442	898.2495
Metoprolol	Oxycodone-D6	6.325	4872305	745215	6.5381	911.4701
Doxylamine	Doxylamine-D5	6.526	40834410	2449404	16.6712	1006.0100
Bupropion	Bupropion-D9	6.795	5602803	178186	31.4436	939.9106
Zolpidem	Zolpidem-D6	6.905	56881890	3069024	18.5342	924.8299
Meprobamate	Meprobamate-D7	6.938	4031990	117511	34.3115	1141.0603
Venlafaxine	Venlafaxine-D6	7.030	57266373	2050523	27.9277	922.9200
Trazodone	Trazodone-D6	7.120	28326492	790888	35.8161	1147.3294

Did not evaluate outside curve range

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a QC 1000

SP

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	17332832	648461	26.7292	1066.4522
Dextromethorphan	Dextromethorphan-D3	7.194	6381320	236450	26.9880	1046.1624
Diphenhydramine	Diphenhydramine-D3	7.218	37488737	1503870	24.9282	1047.8093
Promethazine	Promethazine-D3	7.413	27090920	763151	35.4988	1116.0957
Clonazepam	Clonazepam-D4	7.469	7110489	57267	124.1647	1047.1173
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.525	2236020	93528	23.9076	1100.8312
Carisoprodol	Carisoprodol-D7	7.558	9438394	353095	26.7305	954.5239
Lorazepam	Clonazepam-D4	7.587	2797346	57267	48.8478	1070.6226
Alprazolam	Alprazolam-D5	7.612	24717081	679061	36.3989	1102.0334

ISP Forensics Calibration Curve Report

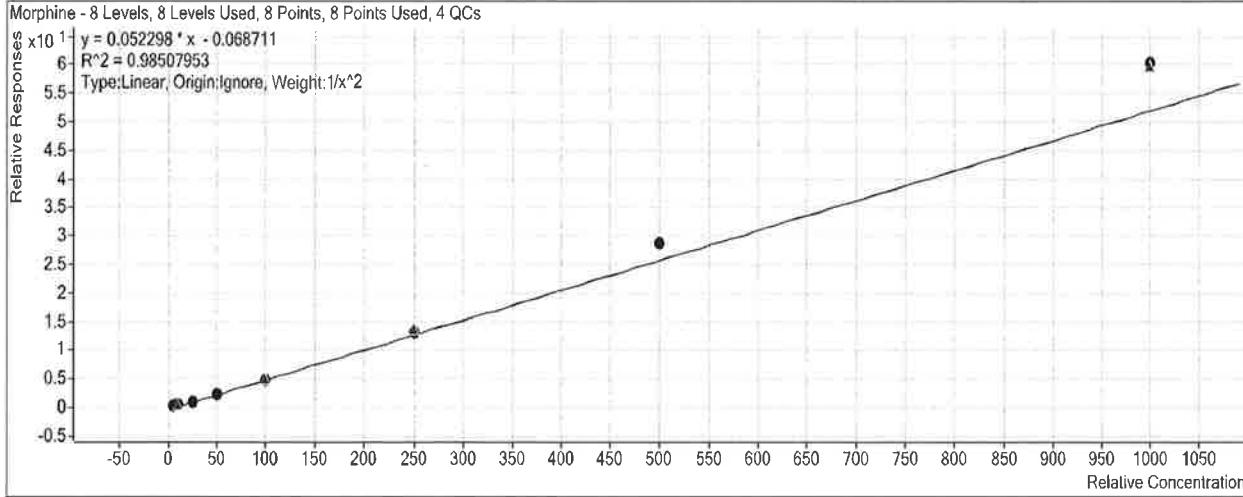
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	92.1
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	96.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.0	83.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.9	93.8
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.8	94.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	97.5	97.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	263.9	105.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	550.2	110.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1156.6	115.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1148.4	114.8

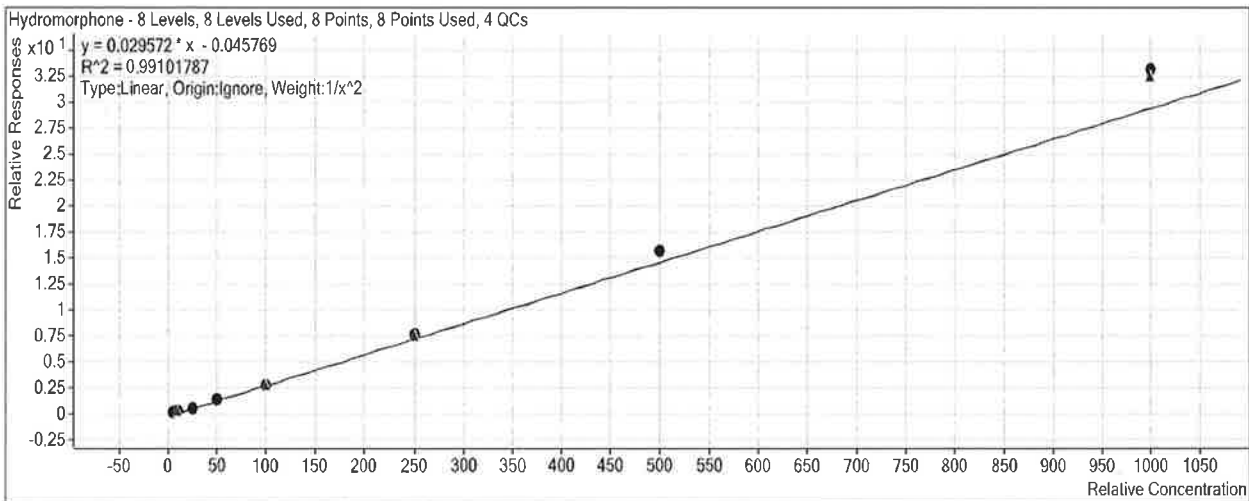
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	106.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.2	91.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.1	90.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.1	88.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.2	96.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.8	94.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.3	102.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.5	101.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	529.3	105.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1123.0	112.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1098.1	109.8

ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name

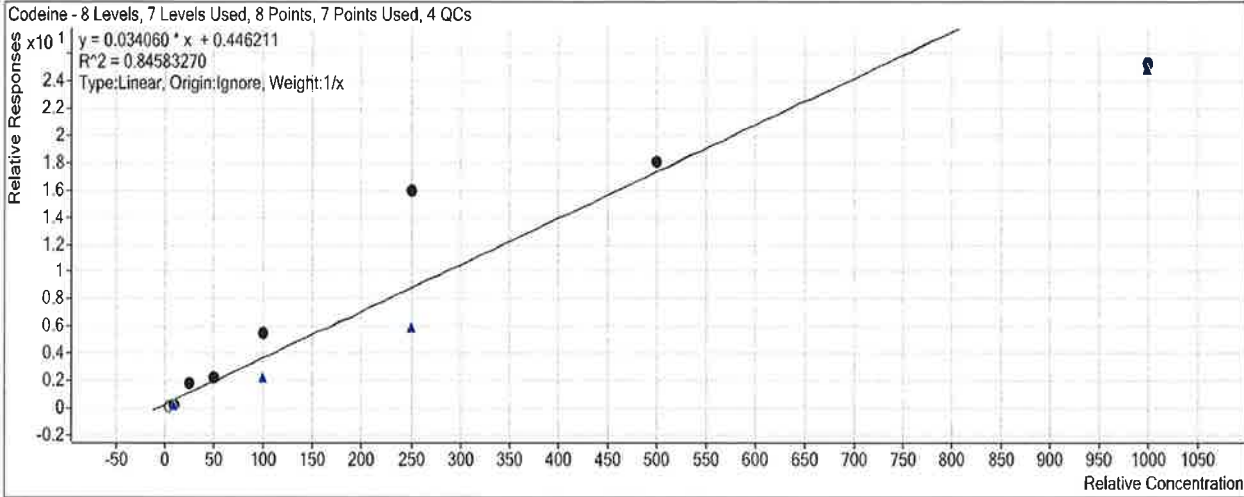
ISP TOX

Target Compound

Codeine

Internal Standard

Codeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	0.0	0.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	0.0	0.0
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	0.0	0.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	39.7	158.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	53.1	106.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	147.3	147.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	52.6	52.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	454.9	181.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	162.4	65.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	518.1	103.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	729.0	72.9
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	716.1	71.6

Did not evaluate P

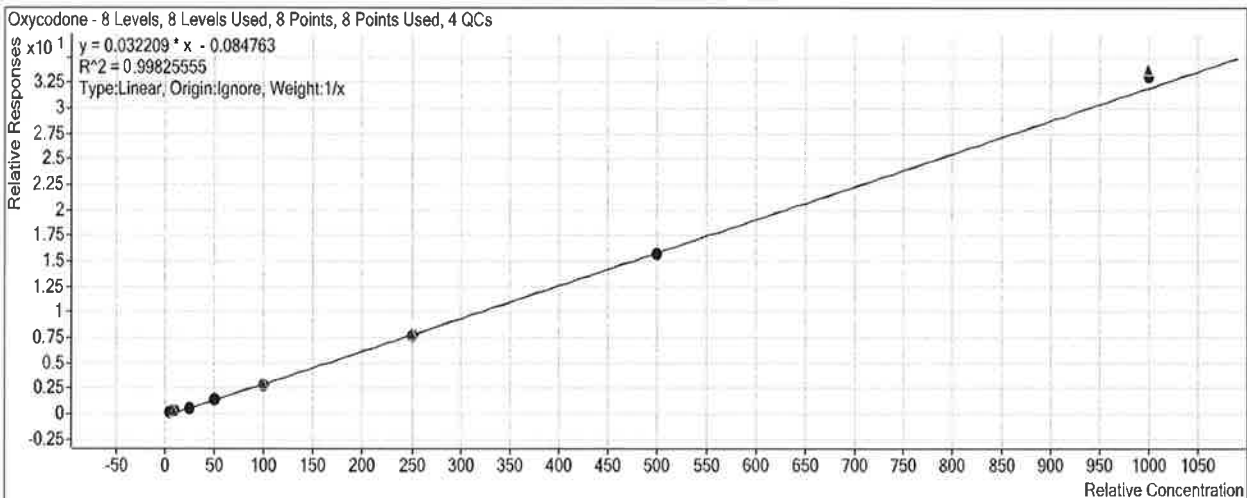
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

Target Compound Oxycodone
Internal Standard Oxycodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.2	124.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.5	104.7
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.5	105.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.3	89.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.3	92.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.7	93.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	241.5	96.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	243.6	97.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	489.6	97.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1031.9	103.2
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1052.9	105.3

ISP Forensics Calibration Curve Report

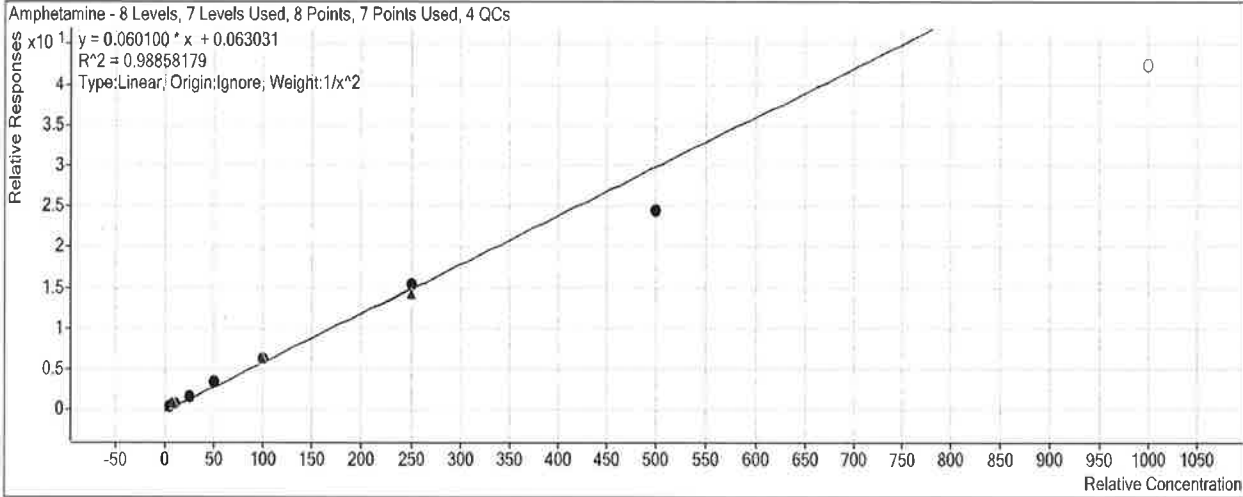
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Amphetamine
Internal Standard Amphetamine-D11



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.9	97.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.2	101.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.8	107.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	26.2	104.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	54.8	109.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	103.1	103.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	103.2	103.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.9	102.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	235.8	94.3
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	405.9	81.2
a cal 8-1000ng.d	8	<input type="checkbox"/>	1000	703.8	70.4
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	708.1	70.8

ISP Forensics Calibration Curve Report

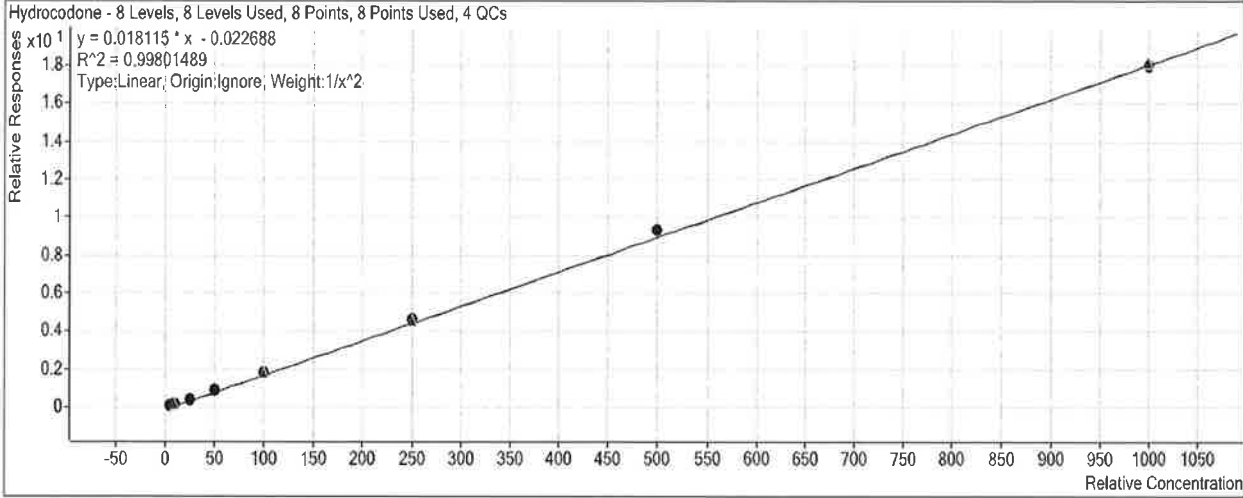
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Hydrocodone
Internal Standard Hydrocodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.0
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.9	99.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.2	100.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.9	100.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	100.6	100.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.6	103.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	255.0	102.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	518.0	103.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	995.2	99.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1003.2	100.3

ISP Forensics Calibration Curve Report

S

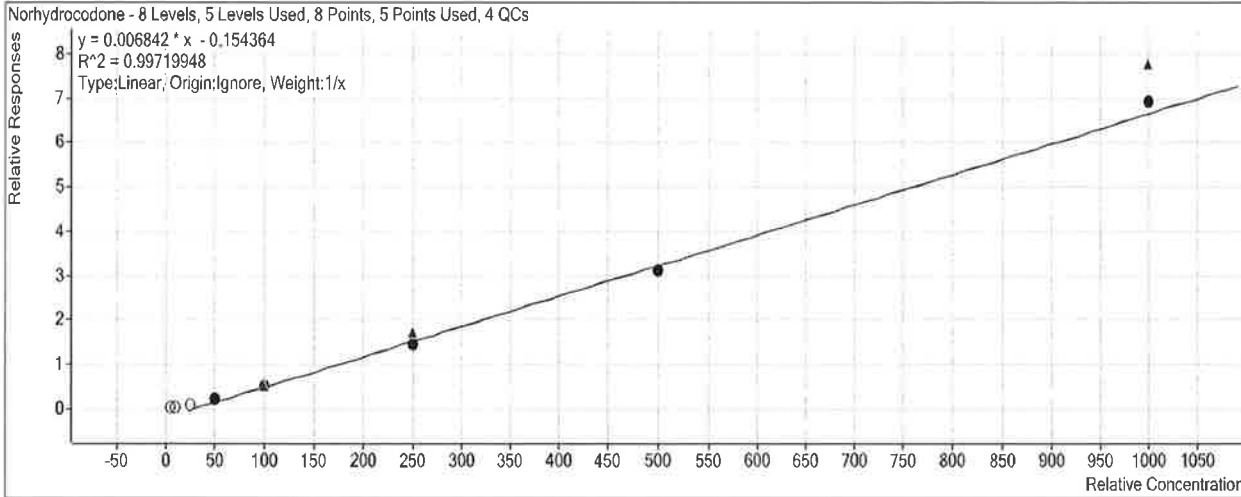
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound *Norhydrocodone*

Internal Standard *Norhydrocodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	5	25.3	505.7
a cal 2-10ng.d	2	<input type="checkbox"/>	10	28.4	284.4
a QC 10 (QC1).d	2	<input type="checkbox"/>	10	28.0	280.4
a cal 3-25ng.d	3	<input type="checkbox"/>	25	36.7	146.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	55.5	111.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.2	95.2
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.1	96.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	236.3	94.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	271.8	108.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	480.2	96.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1032.8	103.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1158.9	115.9

ISP Forensics Calibration Curve Report

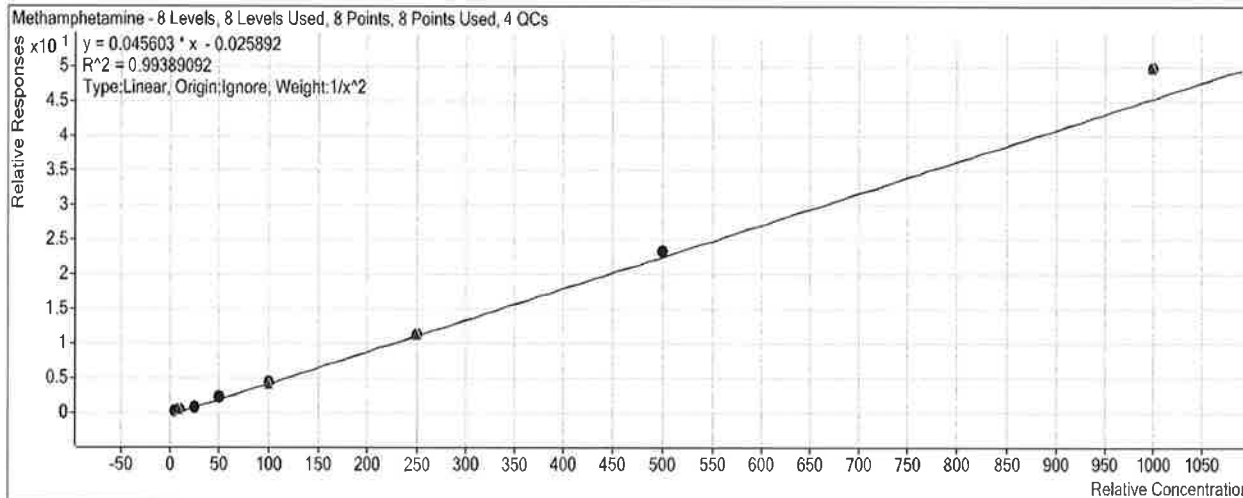
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	93.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.8	87.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.3	102.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.3	99.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.0	94.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.5	99.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.4	99.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	513.1	102.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1091.9	109.2
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1091.8	109.2

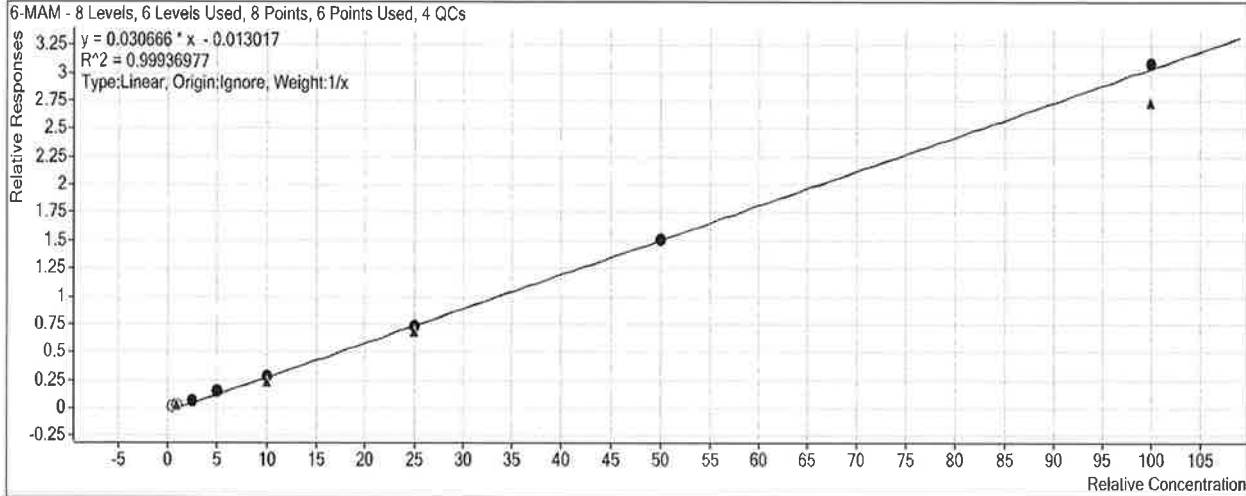
ISP Forensics Calibration Curve Report

S

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input type="checkbox"/>	0.5	0.8	155.8
a cal 2-10ng.d	2	<input type="checkbox"/>	1	1.3	133.3
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.1	106.9
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.4	97.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.4	108.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.5	95.1
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	8.1	80.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	24.5	97.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	22.6	90.2
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	49.5	99.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	101.1	101.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	100	89.7	89.7

ISP Forensics Calibration Curve Report

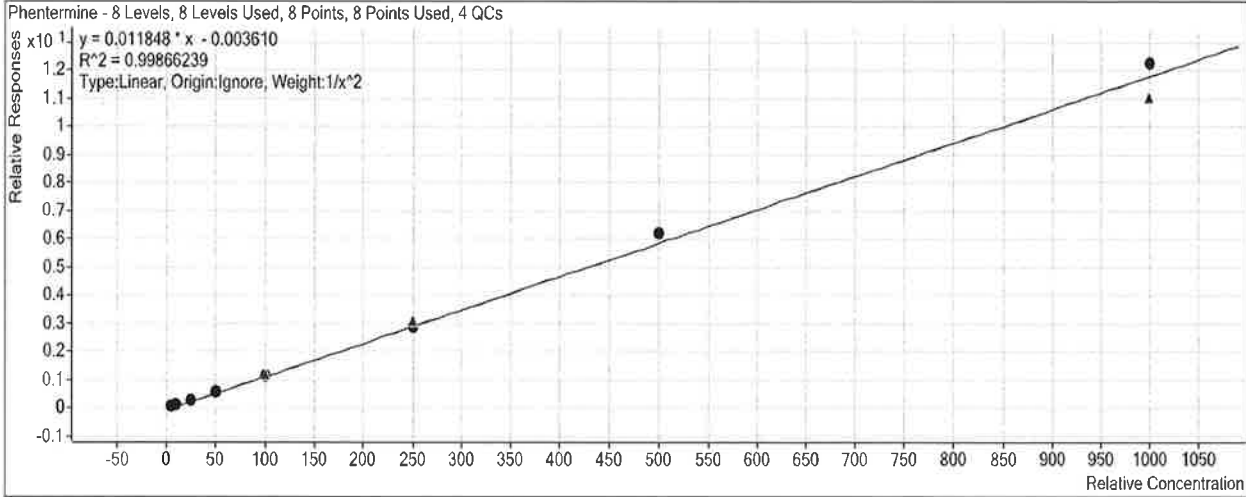
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Phentermine
Internal Standard Phentermine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.5
a QC 10 (QC1).d	2	<input type="checkbox"/>	10	10.3	102.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.1	96.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.7	99.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.5	96.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.0	99.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	245.6	98.2
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	261.0	104.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	526.0	105.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1036.5	103.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	932.1	93.2

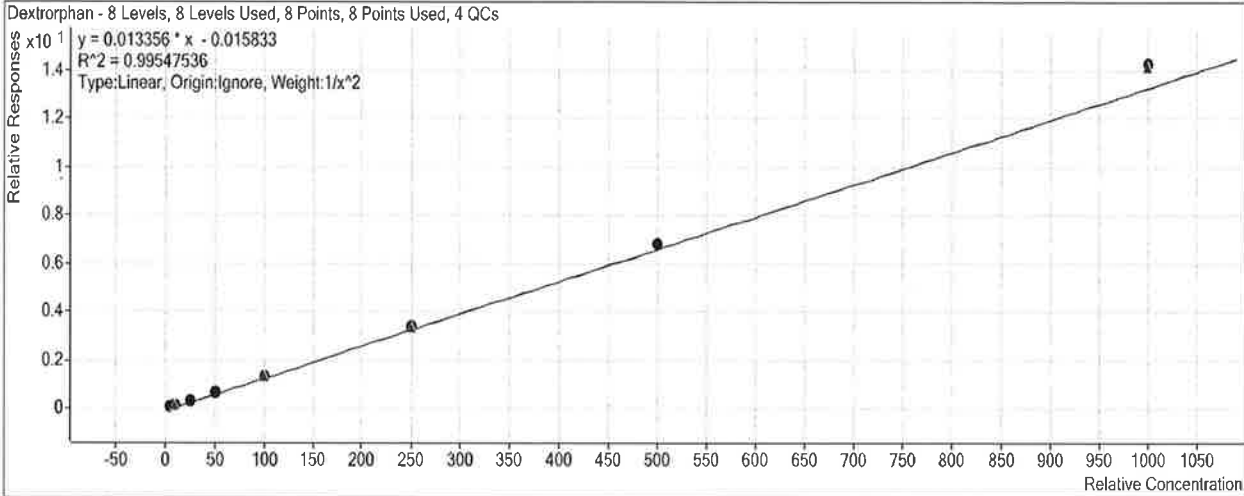
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

Target Compound *Dextrophan*
Internal Standard *Dextrophan-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.7
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	97.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.9	87.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.8	99.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.5	98.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.5	103.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	250.3	100.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	512.9	102.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1071.6	107.2
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1062.3	106.2

ISP Forensics Calibration Curve Report

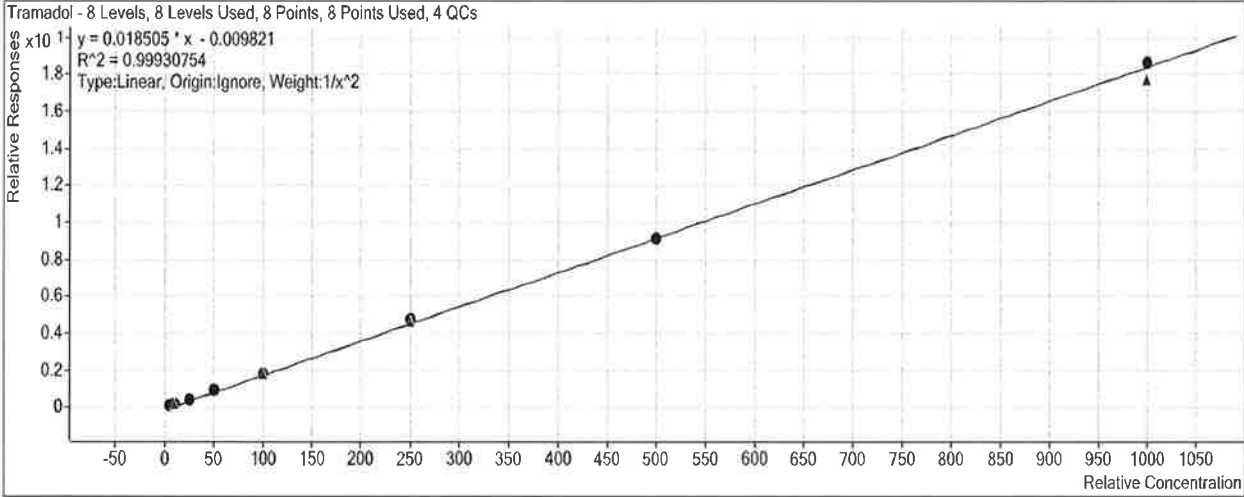
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.8	95.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.9	101.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.6	99.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.9	98.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	256.6	102.6
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	248.6	99.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	496.6	99.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1009.5	101.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	956.3	95.6

ISP Forensics Calibration Curve Report

D

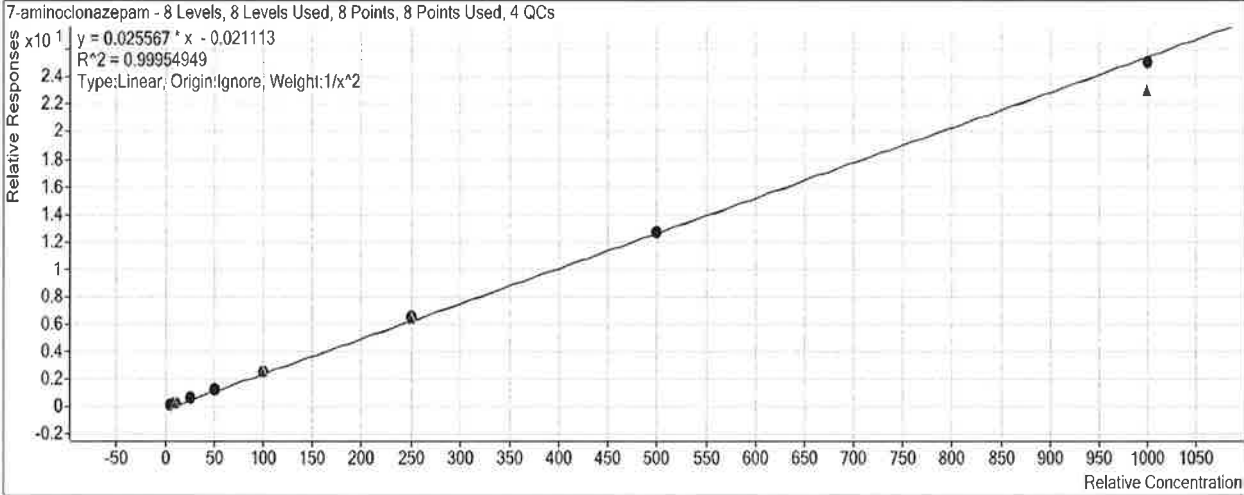
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name

ISP TOX

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



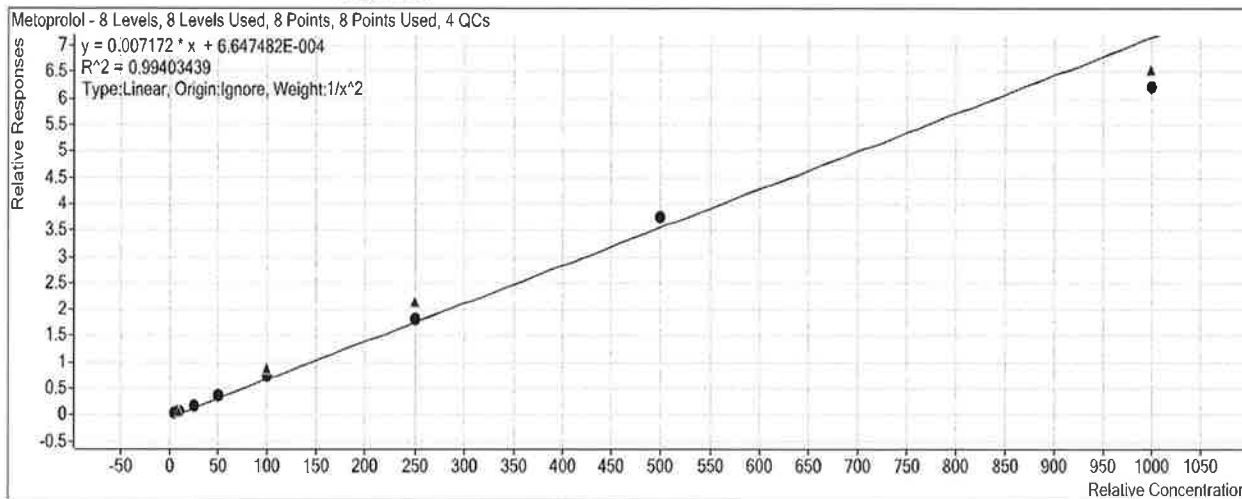
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.0	100.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	98.0
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	99.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.8	99.1
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.7	103.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.4	99.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.2	99.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.4	101.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	252.6	101.0
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	496.2	99.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	982.6	98.3
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	898.2	89.8

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.8	96.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.8	107.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	106.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.7
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.5	103.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	104.4	104.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	122.4	122.4
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	252.2	100.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	298.8	119.5
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	522.9	104.6
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	864.6	86.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	911.5	91.1

ISP Forensics Calibration Curve Report

D

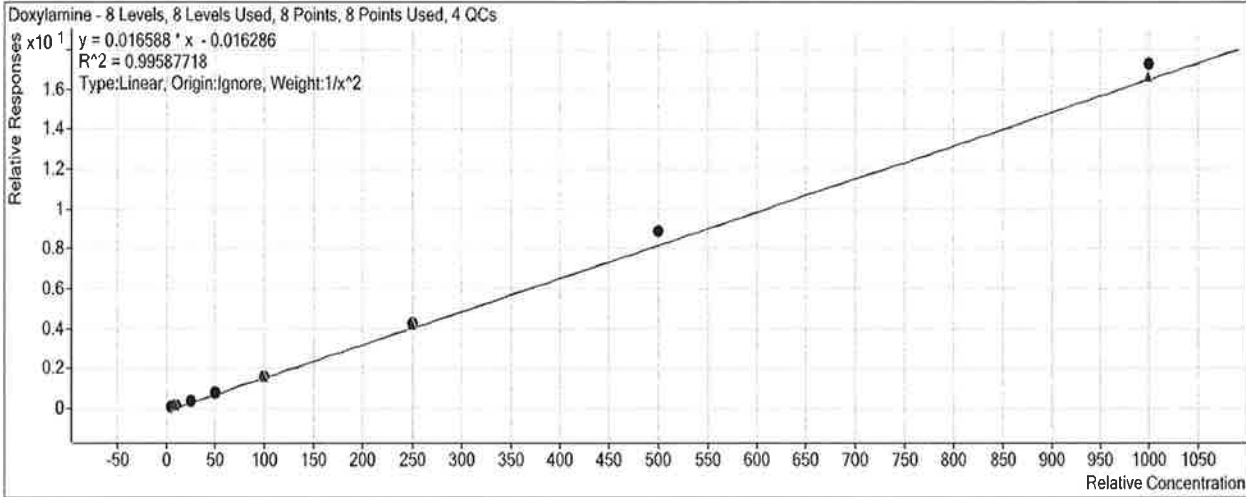
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Doxylamine

Internal Standard Doxylamine-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	103.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	98.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.9	98.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.7	90.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.3
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.6	95.6
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.1	103.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	253.9	101.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	539.6	107.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1043.9	104.4
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1006.0	100.6

ISP Forensics Calibration Curve Report

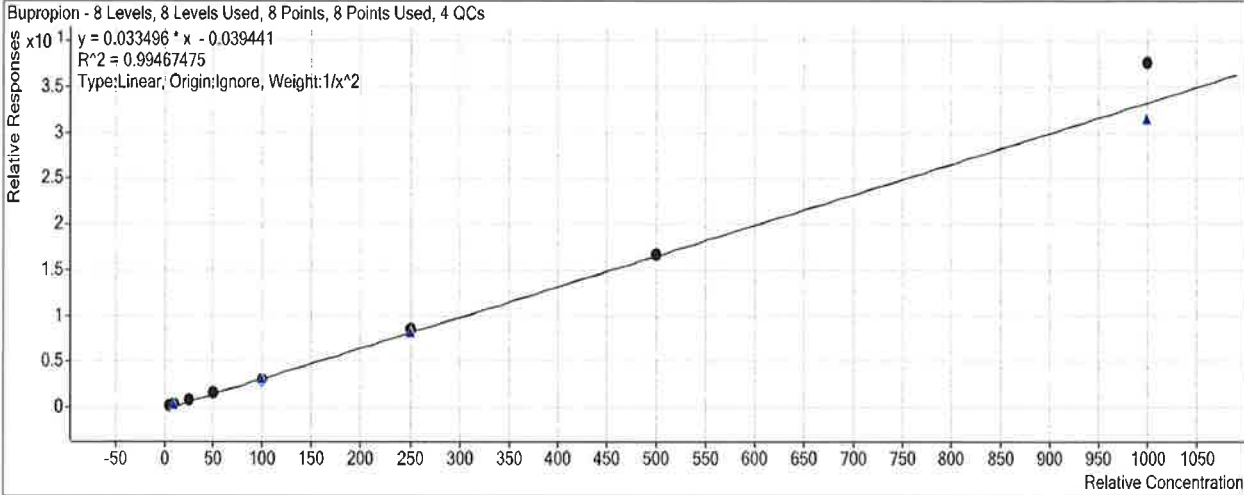
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	101.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.1	96.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.5	97.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	90.6	90.6
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.8	95.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.0	102.8
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.2	98.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	498.5	99.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1126.2	112.6
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	939.9	94.0

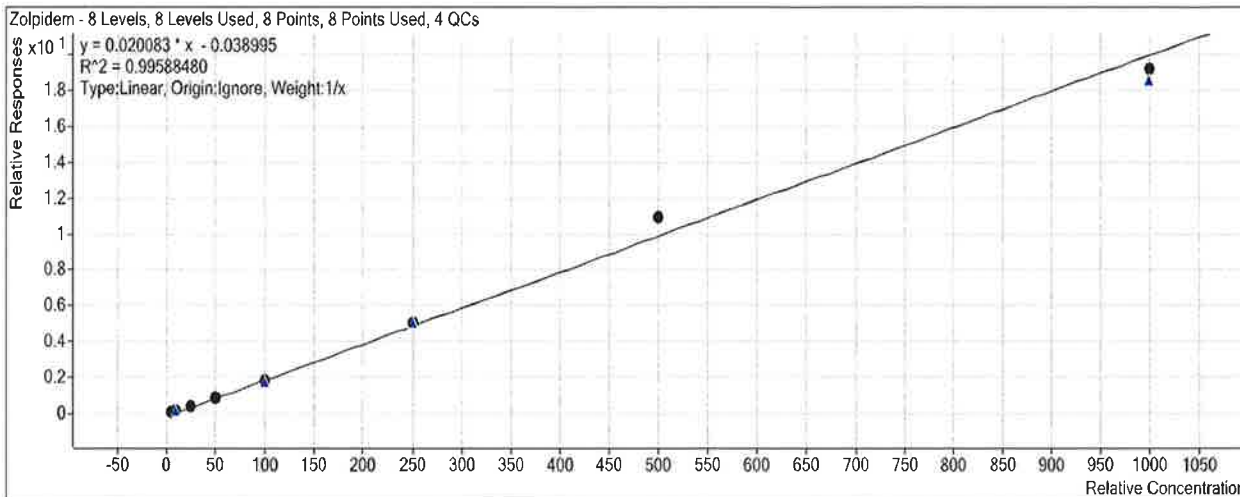
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Zolpidem
Internal Standard Zolpidem-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.7	114.6
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	100.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.0
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.1	88.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.0	95.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.3	93.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	91.1	91.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	254.7	101.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	547.6	109.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	958.5	95.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	924.8	92.5

ISP Forensics Calibration Curve Report

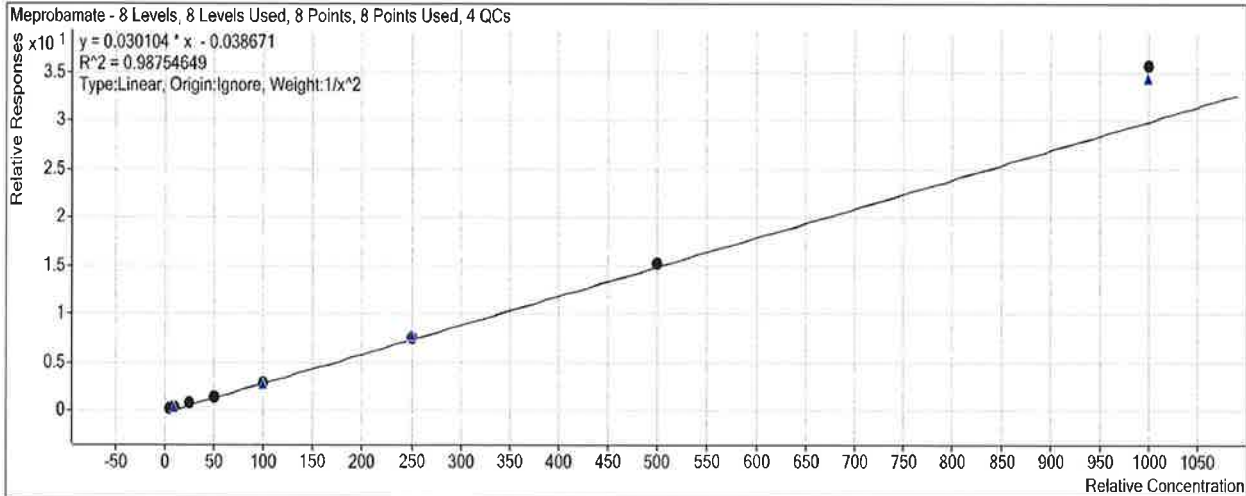
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.4	107.5
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	8.7	87.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	8.8	87.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.7	98.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.3	92.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.7	93.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	91.9	91.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.2	100.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	257.3	102.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	505.8	101.2
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1187.5	118.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1141.1	114.1

ISP Forensics Calibration Curve Report

S

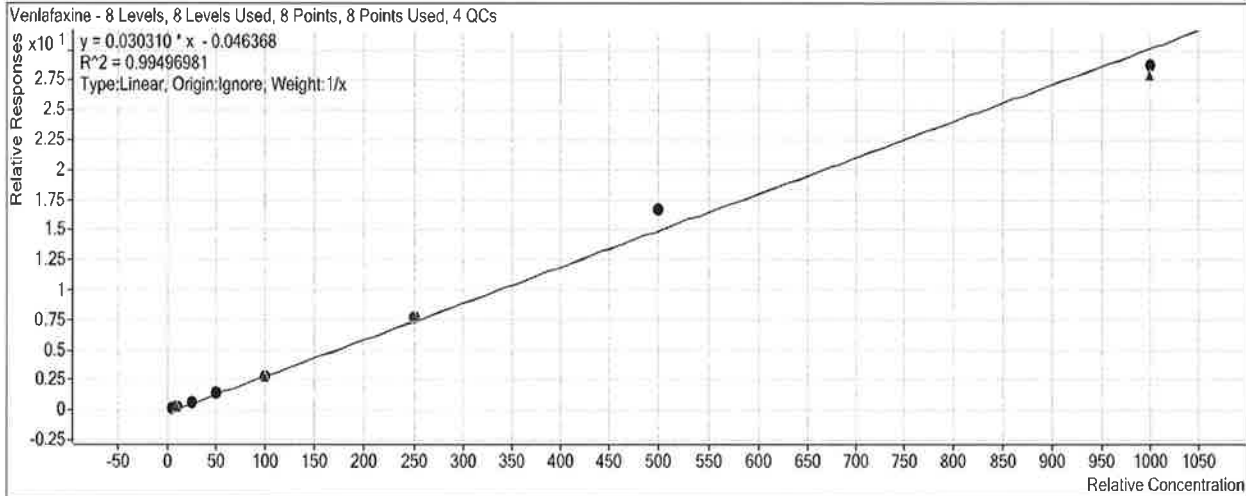
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Venlafaxine

Internal Standard Venlafaxine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.6	112.8
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	99.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.4	104.5
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.4	89.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.3	94.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.2	94.2
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.3	102.1
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	259.0	103.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	553.3	110.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	951.1	95.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	922.9	92.3

ISP Forensics Calibration Curve Report

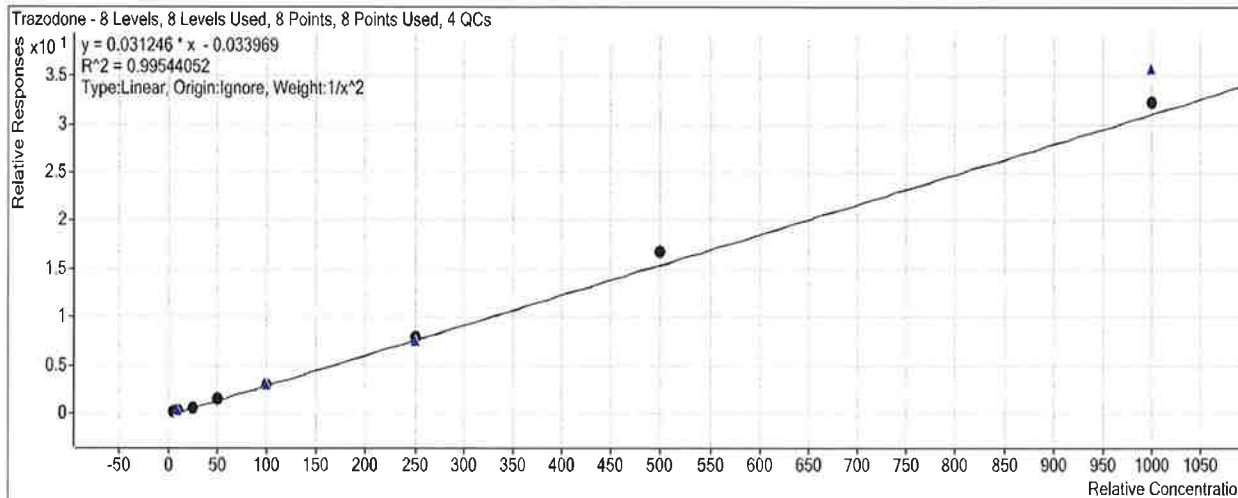
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Trazodone

Internal Standard Trazodone-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	100.9
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.0	109.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.0	88.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.5	98.9
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.3	96.3
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.7	98.7
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.8	102.3
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	239.7	95.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	538.3	107.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1037.5	103.8
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1147.3	114.7

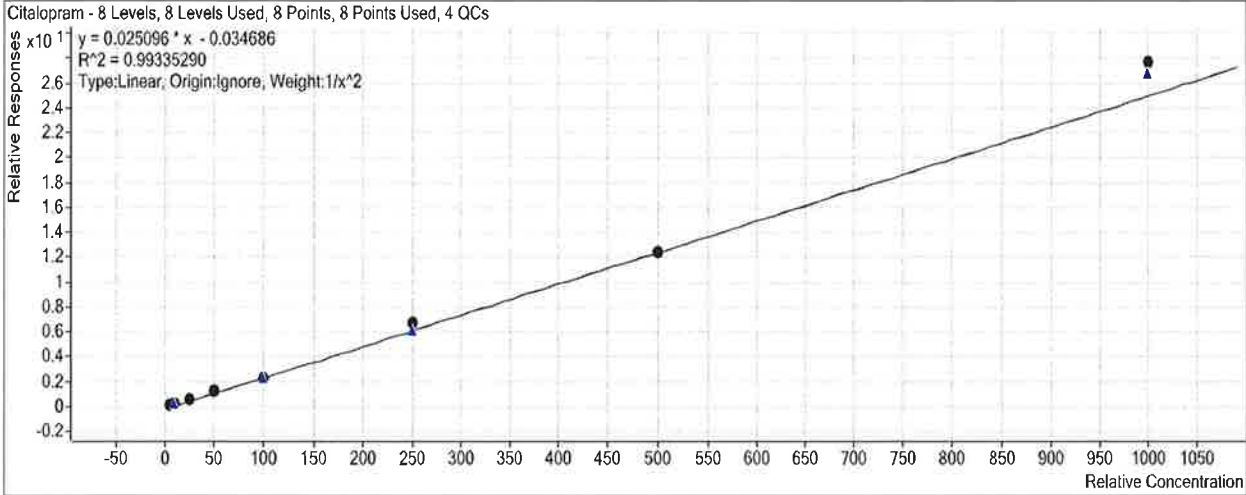
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Citalopram
Internal Standard Citalopram-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	101.1
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.5	95.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.2	88.9
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.1	100.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.7	91.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.0	94.0
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	266.7	106.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.2	98.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	495.2	99.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1105.1	110.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1066.5	106.6

ISP Forensics Calibration Curve Report

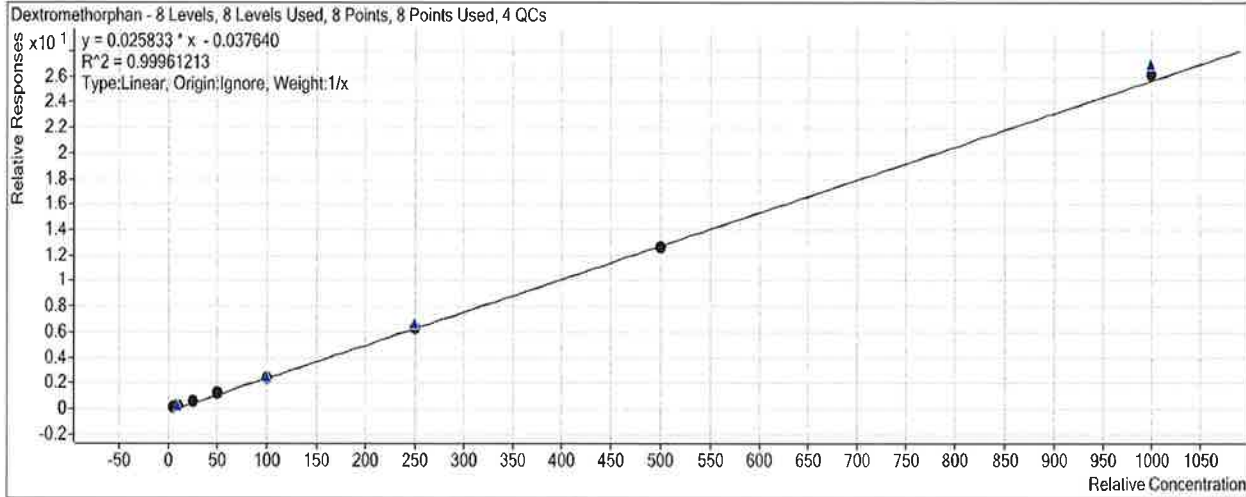
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name

ISP TOX

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



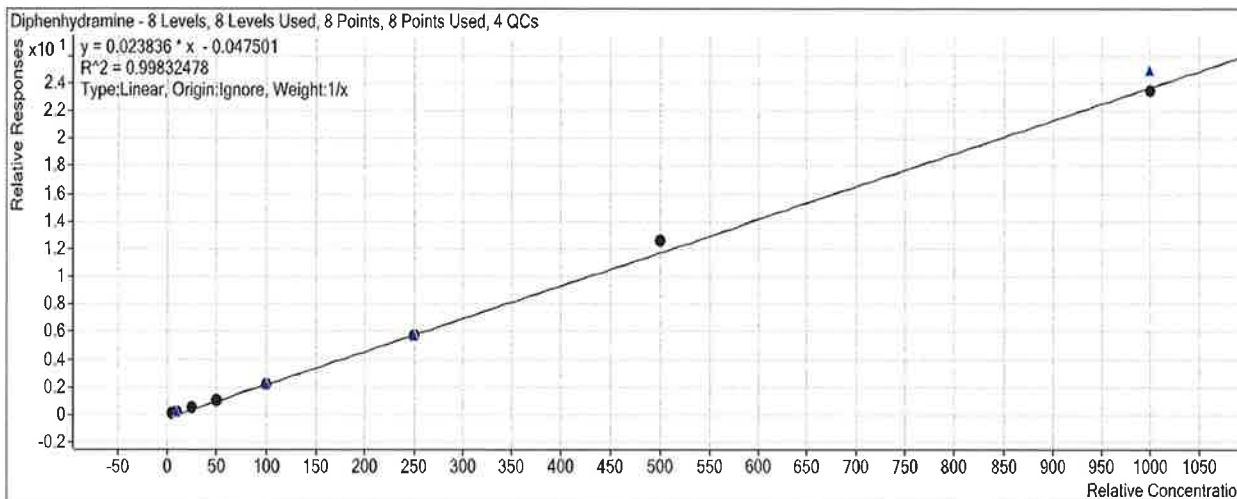
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.5	110.9
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.0
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.5	114.7
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.7	95.0
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.3	100.6
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.7	95.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.9	99.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.4	98.9
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	258.4	103.4
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	492.3	98.5
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1015.2	101.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1046.2	104.6

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	118.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	101.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.7	106.6
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.6	90.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.5	93.1
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.9	92.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	243.7	97.5
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	529.4	105.9
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	987.1	98.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1047.8	104.8

ISP Forensics Calibration Curve Report

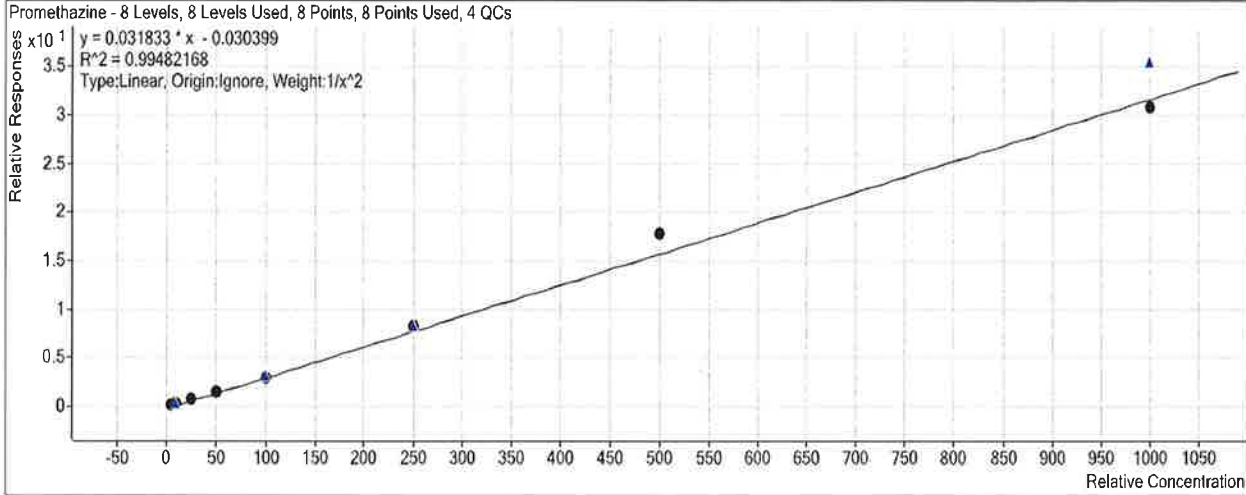
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Promethazine
Internal Standard Promethazine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.2
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	101.3
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.0	92.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	95.5	95.5
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	99.5	99.5
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	262.4	105.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	263.2	105.3
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	558.7	111.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	970.0	97.0
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1116.1	111.6

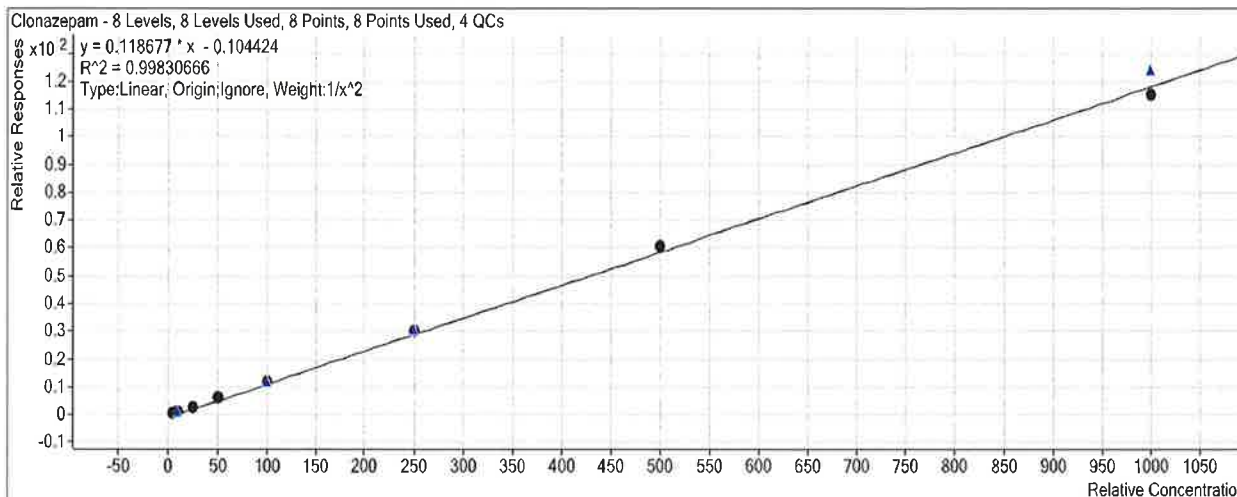
ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Clonazepam
Internal Standard Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	96.4
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	102.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.6	94.4
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	52.3	104.7
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	100.8	100.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.9	101.9
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.5	101.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	259.1	103.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	513.6	102.7
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	971.4	97.1
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1047.1	104.7

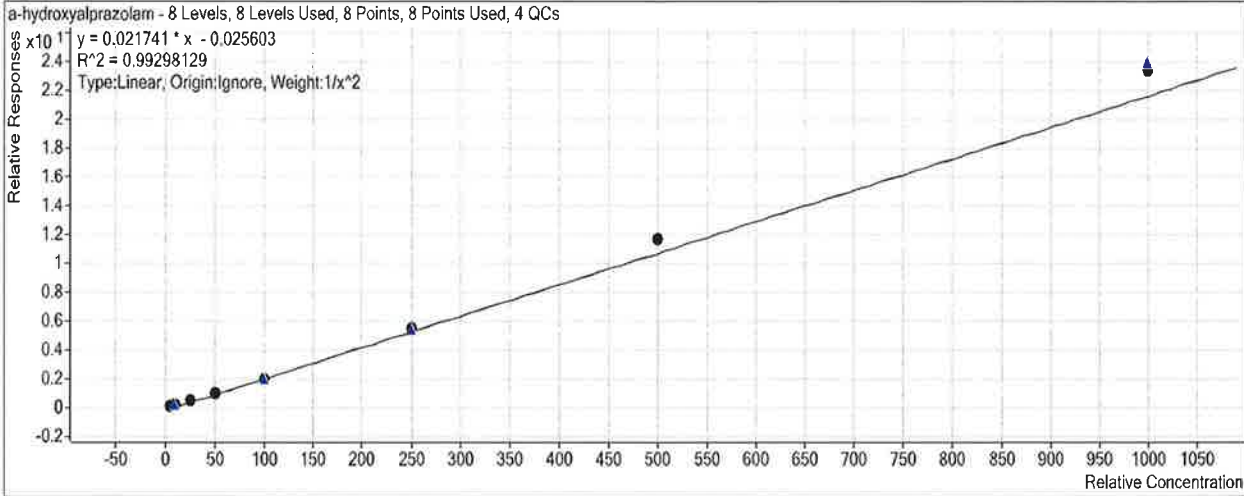
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

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



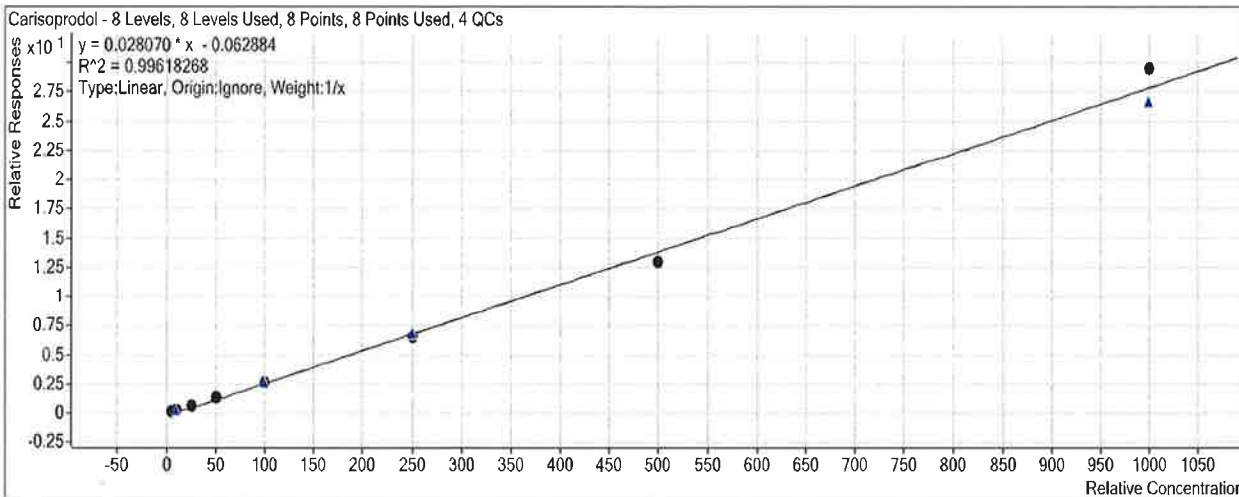
Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	107.0
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.0	89.5
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.3	92.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.2	92.8
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.1	98.2
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.4	94.4
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.1	93.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	255.9	102.4
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	248.9	99.6
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	540.0	108.0
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1077.1	107.7
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1100.8	110.1

ISP Forensics Calibration Curve Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

Target Compound Carisoprodol
Internal Standard Carisoprodol-D7



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.9	117.4
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.4	103.6
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.9	109.1
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.6
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.2	98.5
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.7	94.7
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.1	94.1
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	237.6	95.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	244.7	97.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	464.2	92.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1054.9	105.5
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	954.5	95.5

ISP Forensics Calibration Curve Report

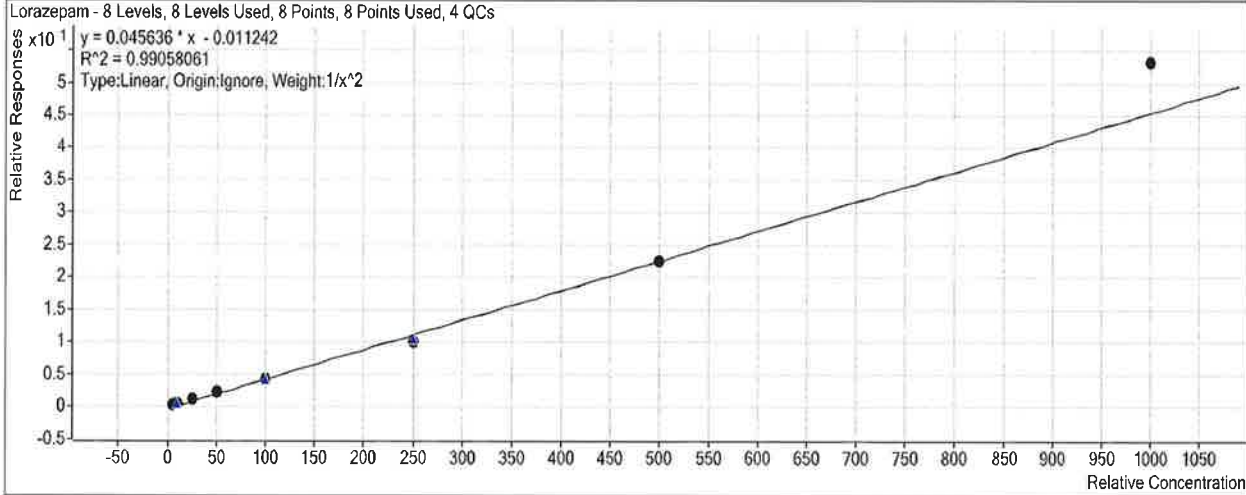
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM

Analyst Name ISP TOX

Target Compound Lorazepam
Internal Standard Clonazepam-D4



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.3
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.8
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.1	110.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.6	102.5
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.7	103.4
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.9	91.9
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	92.8	92.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	222.5	89.0
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	231.7	92.7
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	491.7	98.3
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1167.8	116.8
a QC 1000 (QC 4).d	8	<input type="checkbox"/>	1000	1070.6	107.1

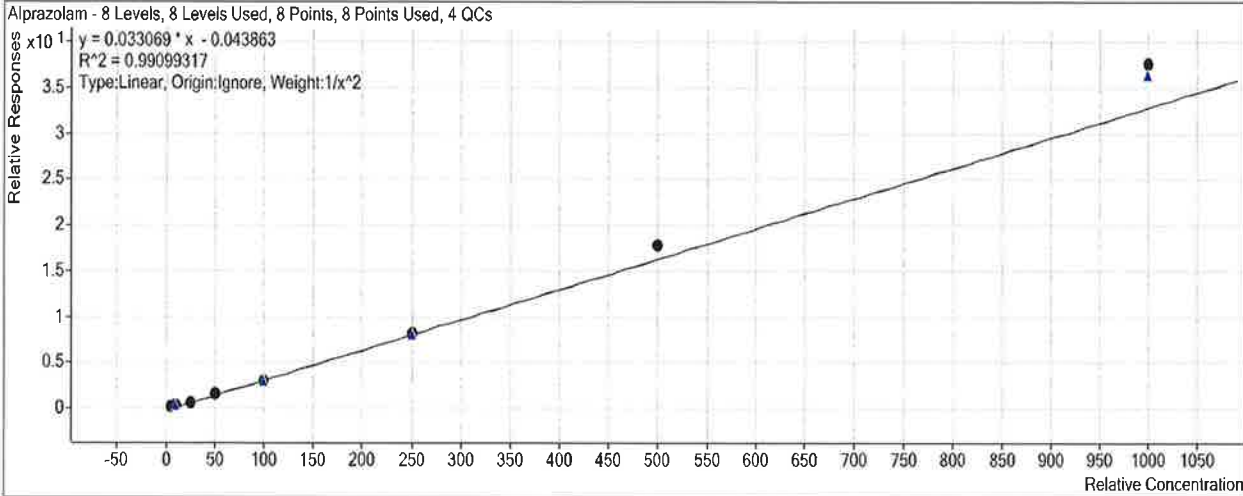
ISP Forensics Calibration Curve Report

S

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin

Last Calib Update 1/24/2019 9:27 AM **Analyst Name** ISP TOX

Target Compound Alprazolam
Internal Standard Alprazolam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
a cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.1
a cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.3
a QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	100.8
a cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.5	90.2
a cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.0	94.0
a cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.8	93.8
a QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.8	89.8
a cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.1	99.7
a QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	244.8	97.9
a cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	538.8	107.8
a cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1141.6	114.2
a QC 1000 (QC 4).d	8	<input checked="" type="checkbox"/>	1000	1102.0	110.2

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

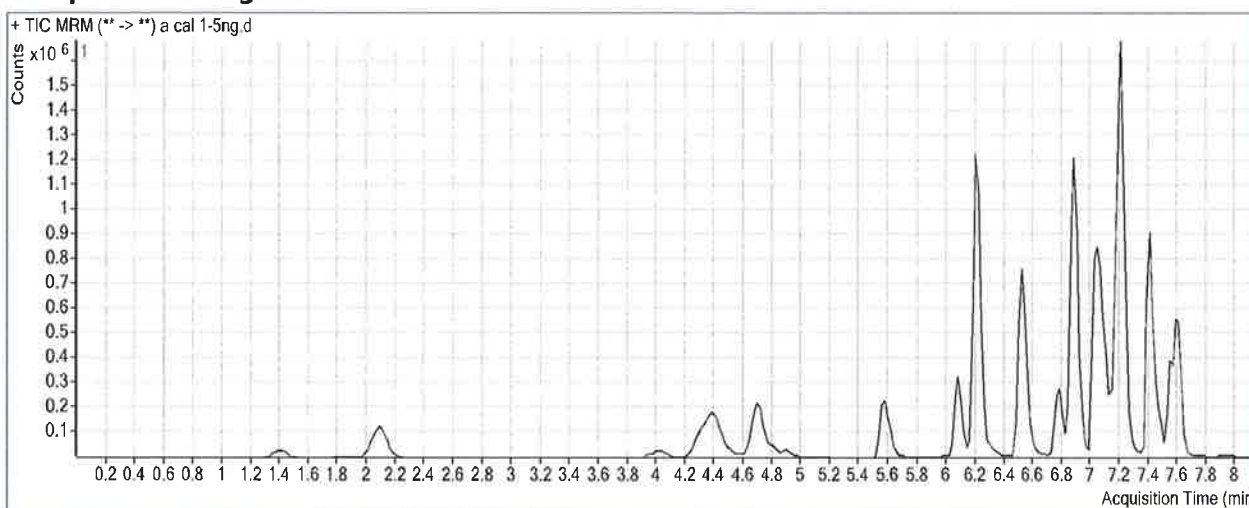
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:31 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 13:53 **Data File** a cal 1-5ng.d
Sample Type Calibration **Sample Name** a cal 1-5ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.430	21408	100362	0.2133	5.3926
Hydromorphone	Hydromorphone-D6	2.111	75168	669956	0.1122	5.3418
Codeine	Codeine-D6	4.057	10689	107311	0.0996	0.0000
Oxycodone	Oxycodone-D6	4.433	92244	801060	0.1152	6.2069
Amphetamine	Amphetamine-D11	4.467	214197	602880	0.3553	4.8629
Hydrocodone	Hydrocodone-D6	4.698	31914	448561	0.0711	5.1800
Norhydrocodone	Norhydrocodone-D3	4.761	2283	122580	0.0186	25.2837
Methamphetamine	Methamphetamine-D11	4.824	134251	626766	0.2142	5.2648
6-MAM	6-MAM-D6	4.932	994	91397	0.0109	0.7790
Phentermine	Phentermine-D5	5.628	59033	1048023	0.0563	5.0590
Dextrophan	Dextrophan-D3	6.087	54714	1023664	0.0534	5.1873
Tramadol	Tramadol-13C-D3	6.227	309719	3702843	0.0836	5.0508
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	72431	671951	0.1078	5.0419
Metoprolol	Oxycodone-D6	6.325	28209	801060	0.0352	4.8170
Doxylamine	Doxylamine-D5	6.546	184649	2671763	0.0691	5.1482
Bupropion	Bupropion-D9	6.795	109320	833248	0.1312	5.0944
Zolpidem	Zolpidem-D6	6.905	277303	3645034	0.0761	5.7299
Meprobamate	Meprobamate-D7	6.918	32069	260462	0.1231	5.3745
Venlafaxine	Venlafaxine-D6	7.050	314770	2527106	0.1246	5.6392
Trazodone	Trazodone-D6	7.120	193397	1540813	0.1255	5.1041

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 1

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	171270	1838075	0.0932	5.0950
Dextromethorphan	Dextromethorphan-D3	7.194	69748	660860	0.1055	5.5426
Diphenhydramine	Diphenhydramine-D3	7.218	343869	3681217	0.0934	5.9117
Promethazine	Promethazine-D3	7.413	328182	2452125	0.1338	5.1592
Clonazepam	Clonazepam-D4	7.469	105887	210552	0.5029	5.1174
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	18529	204374	0.0907	5.3478
Carisoprodol	Carisoprodol-D7	7.578	81845	803681	0.1018	5.8683
Lorazepam	Clonazepam-D4	7.587	46313	210552	0.2200	5.0662
Alprazolam	Alprazolam-D5	7.612	170977	1316564	0.1299	5.2536

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

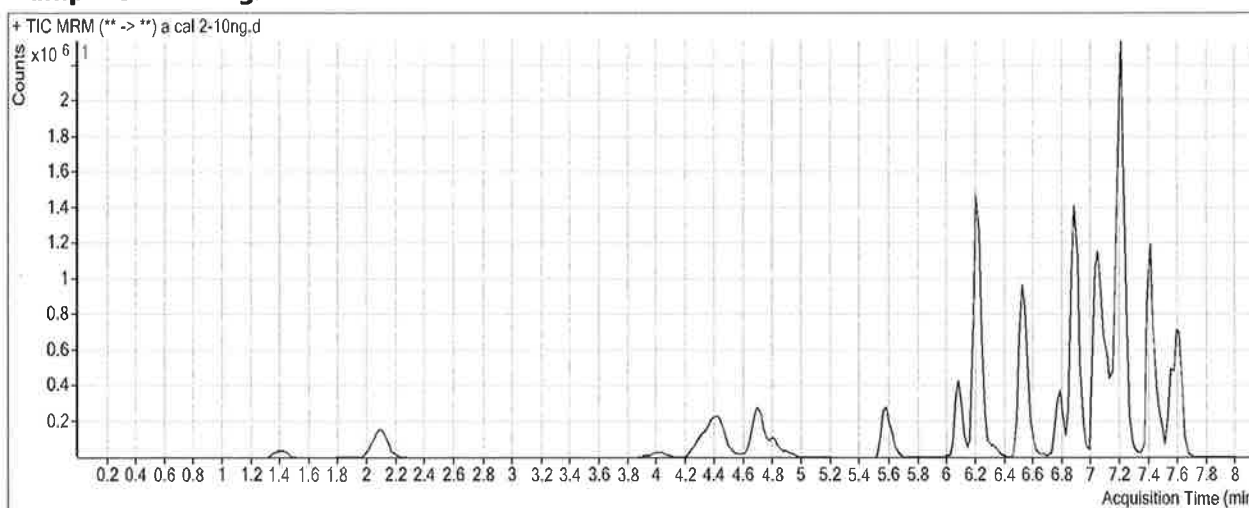
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:31 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 14:25 **Data File** a cal 2-10ng.d
Sample Type Calibration **Sample Name** a cal 2-10ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.430	45982	111399	0.4128	9.2065
Hydromorphone	Hydromorphone-D6	2.111	162697	720479	0.2258	9.1840
Codeine	Codeine-D6	4.057	24976	121334	0.2058	0.0000
Oxycodone	Oxycodone-D6	4.433	218538	865707	0.2524	10.4693
Amphetamine	Amphetamine-D11	4.447	453068	672674	0.6735	10.1581
Hydrocodone	Hydrocodone-D6	4.718	75130	502878	0.1494	9.4998
Norhydrocodone	Norhydrocodone-D3	4.741	5583	138866	0.0402	28.4379
Methamphetamine	Methamphetamine-D11	4.804	323538	804324	0.4022	9.3884
6-MAM	6-MAM-D6	4.892	2546	91366	0.0279	1.3331
Phentermine	Phentermine-D5	5.628	133703	1170034	0.1143	9.9497
Dextrorphan	Dextrorphan-D3	6.087	140610	1231350	0.1142	9.7352
Tramadol	Tramadol-13C-D3	6.227	725377	4163171	0.1742	9.9464
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	163846	713806	0.2295	9.8038
Metoprolol	Oxycodone-D6	6.325	67398	865707	0.0779	10.7618
Doxylamine	Doxylamine-D5	6.546	449559	3054369	0.1472	9.8550
Bupropion	Bupropion-D9	6.795	275179	941658	0.2922	9.9018
Zolpidem	Zolpidem-D6	6.905	675437	4152888	0.1626	10.0403
Meprobamate	Meprobamate-D7	6.918	63616	283591	0.2243	8.7362
Venlafaxine	Venlafaxine-D6	7.030	760710	2980578	0.2552	9.9501
Trazodone	Trazodone-D6	7.120	506262	1799175	0.2814	10.0925

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *a cal z*

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	455401	2079712	0.2190	10.1075
Dextromethorphan	Dextromethorphan-D3	7.194	173956	797750	0.2181	9.8981
Diphenhydramine	Diphenhydramine-D3	7.218	868392	4468124	0.1944	10.1465
Promethazine	Promethazine-D3	7.413	793079	2843503	0.2789	9.7165
Clonazepam	Clonazepam-D4	7.469	234953	225945	1.0399	9.6420
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	40447	239224	0.1691	8.9545
Carisoprodol	Carisoprodol-D7	7.578	175463	770281	0.2278	10.3554
Lorazepam	Clonazepam-D4	7.587	97255	225945	0.4304	9.6783
Alprazolam	Alprazolam-D5	7.612	382694	1410303	0.2714	9.5322

ISP FORENSICS - Pocatello Instrument # 59740

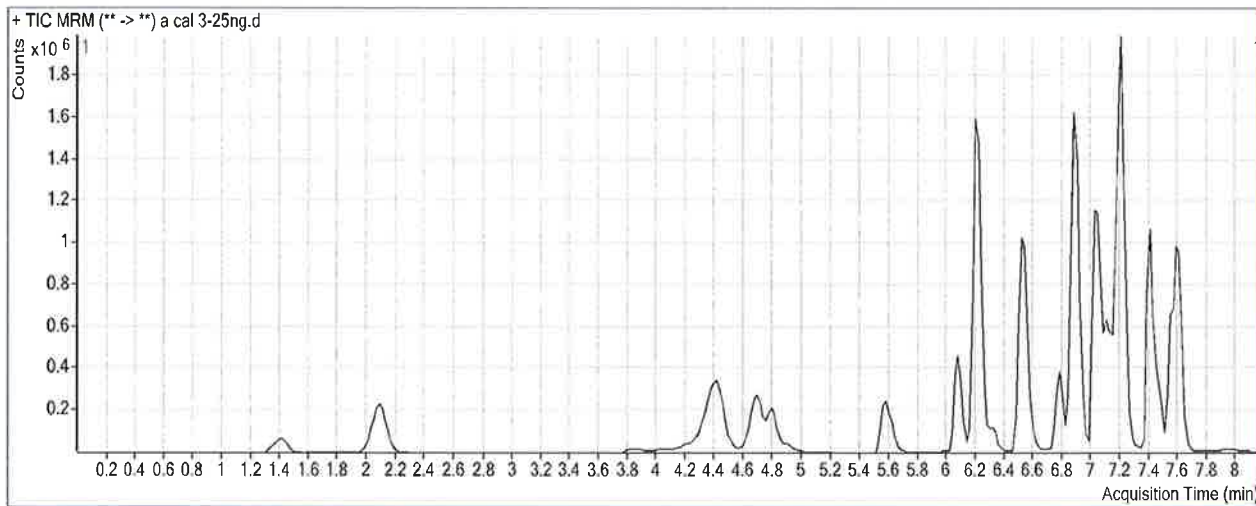
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:31 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 14:56 **Data File** a cal 3-25ng.d
Sample Type Calibration **Sample Name** a cal 3-25ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	110061	107042	1.0282	20.9743
Hydromorphone	Hydromorphone-D6	2.111	409147	674631	0.6065	22.0564
Codeine	Codeine-D6	4.057	23385	13013	1.7971	39.6616
Oxycodone	Oxycodone-D6	4.413	548442	866526	0.6329	22.2823
Amphetamine	Amphetamine-D11	4.447	916852	559370	1.6391	26.2237
Hydrocodone	Hydrocodone-D6	4.698	186260	464216	0.4012	23.4020
Norhydrocodone	Norhydrocodone-D3	4.741	11758	121635	0.0967	36.6904
Methamphetamine	Methamphetamine-D11	4.804	734408	757137	0.9700	21.8379
6-MAM	6-MAM-D6	4.932	5143	82876	0.0621	2.4480
Phentermine	Phentermine-D5	5.628	275036	975547	0.2819	24.1005
Dextrorphan	Dextrorphan-D3	6.087	271529	979532	0.2772	21.9402
Tramadol	Tramadol-13C-D3	6.227	1587460	3687237	0.4305	23.7964
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	418109	682982	0.6122	24.7703
Metoprolol	Oxycodone-D6	6.325	150766	866526	0.1740	24.1654
Doxylamine	Doxylamine-D5	6.546	868115	2407196	0.3606	22.7228
Bupropion	Bupropion-D9	6.795	447151	583429	0.7664	24.0586
Zolpidem	Zolpidem-D6	6.905	1545477	3813479	0.4053	22.1215
Meprobamate	Meprobamate-D7	6.918	172184	243996	0.7057	24.7263
Venlafaxine	Venlafaxine-D6	7.030	1498369	2374195	0.6311	22.3512
Trazodone	Trazodone-D6	7.120	783268	1198170	0.6537	22.0085

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 3

8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	748894	1431525	0.5231	22.2277
Dextromethorphan	Dextromethorphan-D3	7.194	277393	481725	0.5758	23.7475
Diphenhydramine	Diphenhydramine-D3	7.218	1387063	2820319	0.4918	22.6258
Promethazine	Promethazine-D3	7.413	1251879	1780637	0.7031	23.0403
Clonazepam	Clonazepam-D4	7.469	472984	175322	2.6978	23.6122
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	96074	200565	0.4790	23.2105
Carisoprodol	Carisoprodol-D7	7.578	426471	727020	0.5866	23.1382
Lorazepam	Clonazepam-D4	7.587	203120	175322	1.1586	25.6332
Alprazolam	Alprazolam-D5	7.612	896940	1278649	0.7015	22.5391

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

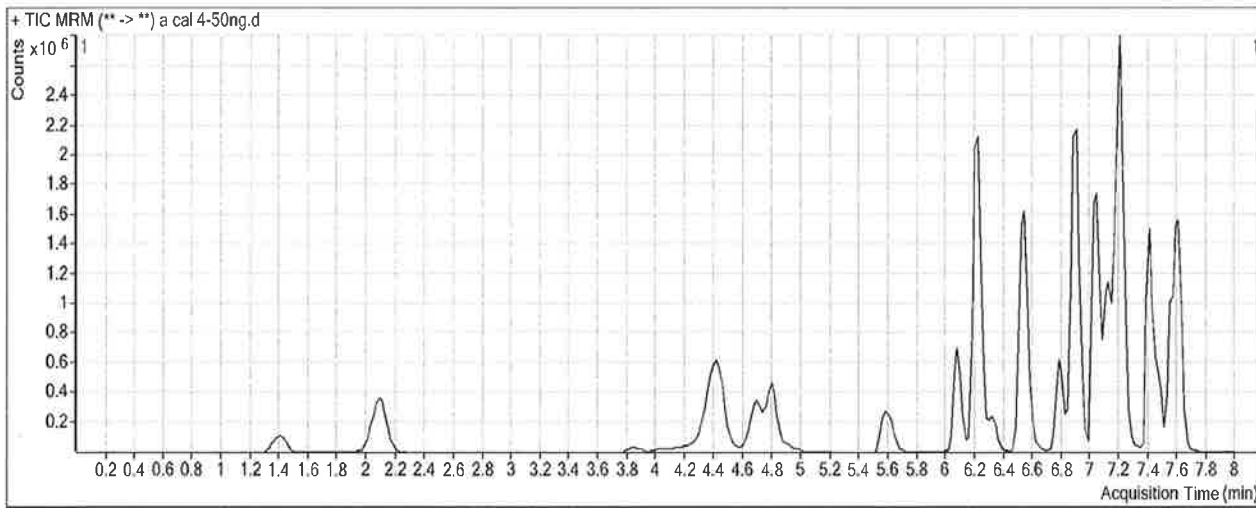
A

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:31 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 15:28 **Data File** a cal 4-50ng.d
Sample Type Calibration **Sample Name** a cal 4-50ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	231334	97053	2.3836	46.8911
Hydromorphone	Hydromorphone-D6	2.091	886815	643091	1.3790	48.1798
Codeine	Codeine-D6	4.077	43061	19109	2.2534	53.0591
Oxycodone	Oxycodone-D6	4.413	1213517	862293	1.4073	46.3254
Amphetamine	Amphetamine-D11	4.447	1912200	569863	3.3555	54.7839
Hydrocodone	Hydrocodone-D6	4.698	409186	461821	0.8860	50.1640
Norhydrocodone	Norhydrocodone-D3	4.741	27610	122592	0.2252	55.4798
Methamphetamine	Methamphetamine-D11	4.804	1713645	740583	2.3139	51.3082
6-MAM	6-MAM-D6	4.912	11420	74171	0.1540	5.4454
Phentermine	Phentermine-D5	5.628	599546	1025457	0.5847	49.6520
Dextroprphan	Dextroprphan-D3	6.087	622097	957235	0.6499	49.8440
Tramadol	Tramadol-13C-D3	6.227	3403700	3649643	0.9326	50.9289
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	840780	646619	1.3003	51.6837
Metoprolol	Oxycodone-D6	6.325	319145	862293	0.3701	51.5093
Doxylamine	Doxylamine-D5	6.546	1828495	2337232	0.7823	48.1452
Bupropion	Bupropion-D9	6.795	900618	567657	1.5866	48.5433
Zolpidem	Zolpidem-D6	6.905	3420743	3700740	0.9243	47.9681
Meprobamate	Meprobamate-D7	6.918	324841	239848	1.3544	46.2745
Venlafaxine	Venlafaxine-D6	7.030	3241550	2297753	1.4107	48.0731
Trazodone	Trazodone-D6	7.120	1740629	1151586	1.5115	49.4607

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 4

8

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	1519523	1242845	1.2226	50.0993
Dextromethorphan	Dextromethorphan-D3	7.194	587051	465446	1.2613	50.2807
Diphenhydramine	Diphenhydramine-D3	7.218	2833126	2668591	1.0617	46.5327
Promethazine	Promethazine-D3	7.413	2492827	1626073	1.5330	49.1130
Clonazepam	Clonazepam-D4	7.469	1066806	174653	6.1082	52.3485
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	205707	197494	1.0416	49.0865
Carisoprodol	Carisoprodol-D7	7.578	896792	679764	1.3193	49.2398
Lorazepam	Clonazepam-D4	7.587	409989	174653	2.3475	51.6848
Alprazolam	Alprazolam-D5	7.612	1930715	1278019	1.5107	47.0104

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

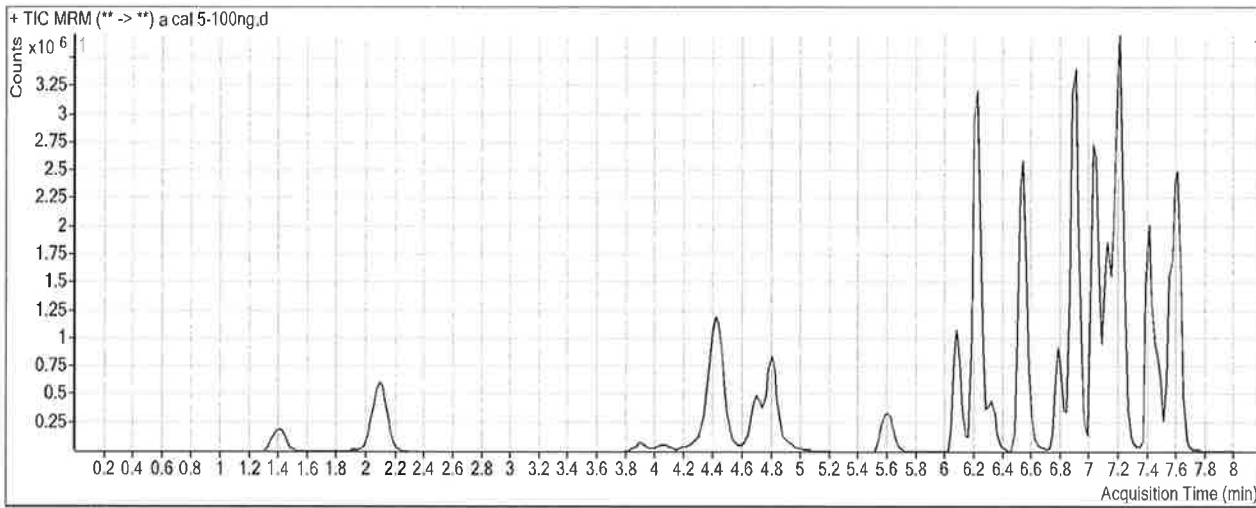
P

Batch Data Path	C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin		
Analysis Time	1/24/2019 9:27 AM	Analyst Name	datastor
Report Time	1/24/2019 9:32 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 9:27 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-22 15:59	Data File	a cal 5-100ng.d
Sample Type	Calibration	Sample Name	a cal 5-100ng.d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.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	1.410	464509	94964	4.8914	94.8435
Hydromorphone	Hydromorphone-D6	2.111	1753568	629995	2.7835	95.6737
Codeine	Codeine-D6	4.077	95177	17417	5.4646	147.3402
Oxycodone	Oxycodone-D6	4.413	2405180	838774	2.8675	91.6605
Amphetamine	Amphetamine-D11	4.447	3464866	553345	6.2617	103.1387
Hydrocodone	Hydrocodone-D6	4.698	808310	447837	1.8049	100.8898
Norhydrocodone	Norhydrocodone-D3	4.741	57996	116718	0.4969	95.1865
Methamphetamine	Methamphetamine-D11	4.804	3188450	708487	4.5004	99.2536
6-MAM	6-MAM-D6	4.932	20974	75281	0.2786	9.5096
Phentermine	Phentermine-D5	5.628	1098448	963545	1.1400	96.5247
Dextrorphan	Dextrorphan-D3	6.087	1179610	905714	1.3024	98.6996
Tramadol	Tramadol-13C-D3	6.227	6577753	3589629	1.8324	99.5551
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	1571808	623520	2.5209	99.4251
Metoprolol	Oxycodone-D6	6.325	628767	838774	0.7496	104.4222
Doxylamine	Doxylamine-D5	6.546	3398465	2162118	1.5718	95.7398
Bupropion	Bupropion-D9	6.795	1523494	508443	2.9964	90.6334
Zolpidem	Zolpidem-D6	6.905	6561660	3575852	1.8350	93.3130
Meprobamate	Meprobamate-D7	6.918	627371	225460	2.7826	93.7192
Venlafaxine	Venlafaxine-D6	7.030	6297104	2240259	2.8109	94.2664
Trazodone	Trazodone-D6	7.120	2869310	964506	2.9749	96.2947

5

ISP FORENSICS - Pocatello Instrument # 59740
Multi-Drug Confirmatory Analysis Report a cal 5

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	2546191	1123473	2.2664	91.6889
Dextromethorphan	Dextromethorphan-D3	7.194	934091	383687	2.4345	95.6971
Diphenhydramine	Diphenhydramine-D3	7.218	4759667	2154297	2.2094	94.6835
Promethazine	Promethazine-D3	7.413	4197054	1393889	3.0110	95.5423
Clonazepam	Clonazepam-D4	7.469	1881522	158652	11.8594	100.8100
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	386700	190797	2.0268	94.4007
Carisoprodol	Carisoprodol-D7	7.578	1644557	633838	2.5946	94.6740
Lorazepam	Clonazepam-D4	7.587	663325	158652	4.1810	91.8627
Alprazolam	Alprazolam-D5	7.612	3607397	1179157	3.0593	93.8400

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

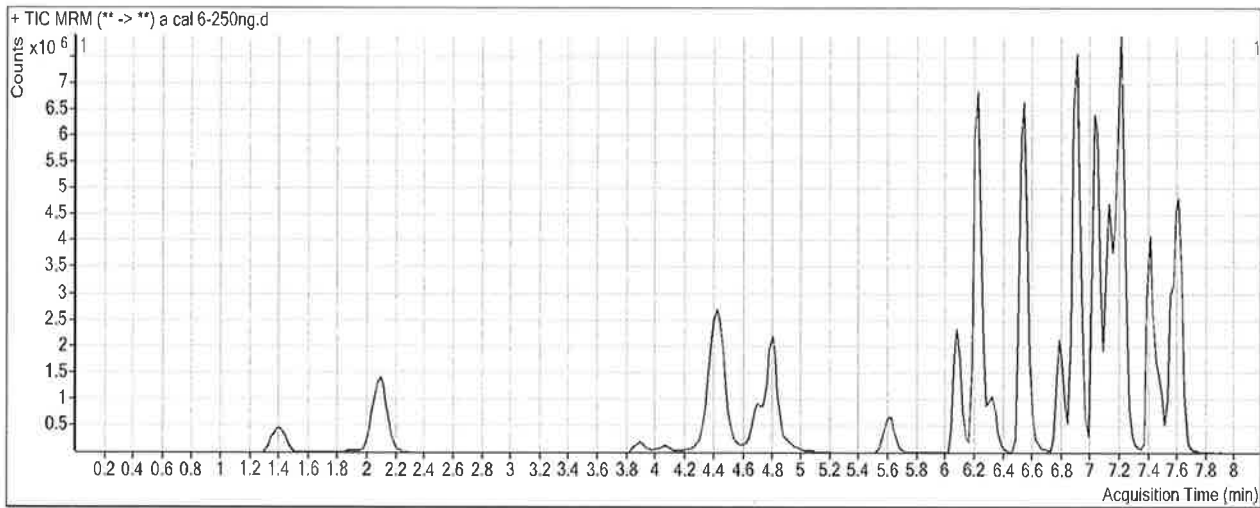
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 16:31 **Data File** a cal 6-250ng.d
Sample Type Calibration **Sample Name** a cal 6-250ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	1181191	89152	13.2491	254.6533
Hydromorphone	Hydromorphone-D6	2.091	4497209	594718	7.5619	257.2630
Codeine	Codeine-D6	4.057	220830	13855	15.9383	454.8522
Oxycodone	Oxycodone-D6	4.413	6330717	822739	7.6947	241.5330
Amphetamine	Amphetamine-D11	4.427	8342178	540102	15.4456	255.9489
Hydrocodone	Hydrocodone-D6	4.698	2071816	444373	4.6623	258.6286
Norhydrocodone	Norhydrocodone-D3	4.741	153874	105206	1.4626	236.3326
Methamphetamine	Methamphetamine-D11	4.804	8458077	745102	11.3516	249.4894
6-MAM	6-MAM-D6	4.912	55902	75760	0.7379	24.4863
Phentermine	Phentermine-D5	5.628	2710591	932660	2.9063	245.6055
Dextrorphan	Dextrorphan-D3	6.087	3057169	892941	3.4237	257.5256
Tramadol	Tramadol-13C-D3	6.227	17690476	3732998	4.7389	256.6226
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	3382640	521786	6.4828	254.3903
Metoprolol	Oxycodone-D6	6.325	1489024	822739	1.8098	252.2399
Doxylamine	Doxylamine-D5	6.546	9510864	2229561	4.2658	258.1475
Bupropion	Bupropion-D9	6.795	4061135	473844	8.5706	257.0495
Zolpidem	Zolpidem-D6	6.905	17279897	3403735	5.0767	254.7322
Meprobamate	Meprobamate-D7	6.918	1363448	181981	7.4922	250.1657
Venlafaxine	Venlafaxine-D6	7.030	17017755	2212205	7.6927	255.3261
Trazodone	Trazodone-D6	7.120	7043343	884946	7.9591	255.8059

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

a cal 6

D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.183	6149086	923540	6.6582	266.6882
Dextromethorphan	Dextromethorphan-D3	7.194	2252797	354639	6.3524	247.3570
Diphenhydramine	Diphenhydramine-D3	7.218	12030726	2088453	5.7606	243.6681
Promethazine	Promethazine-D3	7.413	9749798	1171270	8.3241	262.4449
Clonazepam	Clonazepam-D4	7.469	3438091	114671	29.9822	253.5160
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	807746	145839	5.5386	255.9320
Carisoprodol	Carisoprodol-D7	7.578	3478887	526603	6.6063	237.5918
Lorazepam	Clonazepam-D4	7.587	1163156	114671	10.1434	222.5136
Alprazolam	Alprazolam-D5	7.612	8169337	996872	8.1950	249.1432

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

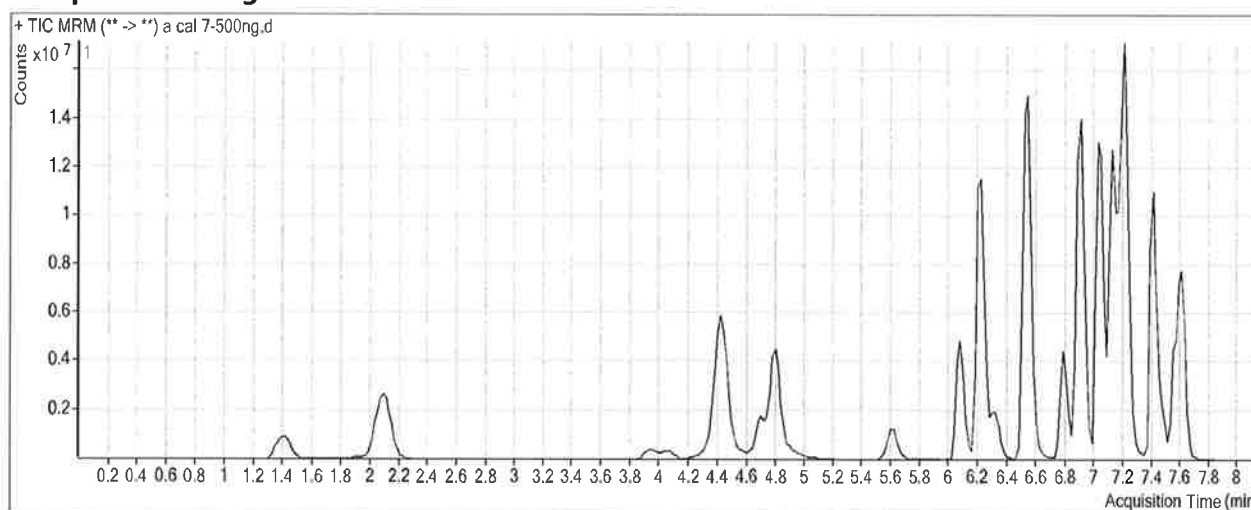
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin
Analysis Time 1/24/2019 9:27 AM **Analyst Name** datastor
Report Time 1/24/2019 9:32 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:27 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 17:02 **Data File** a cal 7-500ng.d
Sample Type Calibration **Sample Name** a cal 7-500ng.d
Dilution 1 **Acq Method** MD Quant Panel 1a 7-11-18.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	1.410	2496441	86970	28.7046	550.1804
Hydromorphone	Hydromorphone-D6	2.091	9353746	599331	15.6070	529.3158
Codeine	Codeine-D6	4.057	555235	30688	18.0930	518.1120
Oxycodone	Oxycodone-D6	4.413	12352873	787535	15.6855	489.6281
Amphetamine	Amphetamine-D11	4.427	14238112	582150	24.4578	405.9029
Hydrocodone	Hydrocodone-D6	4.698	4209629	449680	9.3614	518.0316
Norhydrocodone	Norhydrocodone-D3	4.741	318257	101642	3.1312	480.2074
Methamphetamine	Methamphetamine-D11	4.804	17631603	754389	23.3720	513.0792
6-MAM	6-MAM-D6	4.912	128850	85584	1.5055	49.5189
Phentermine	Phentermine-D5	5.628	5513573	885191	6.2287	526.0245
Dextrophan	Dextrophan-D3	6.087	6663245	974955	6.8344	512.8923
Tramadol	Tramadol-13C-D3	6.227	36035074	3925598	9.1795	496.5902
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	5390847	425662	12.6646	496.1812
Metoprolol	Oxycodone-D6	6.325	2954301	787535	3.7513	522.9277
Doxylamine	Doxylamine-D5	6.546	22798194	2551908	8.9338	539.5590
Bupropion	Bupropion-D9	6.795	7901276	474331	16.6577	498.4860
Zolpidem	Zolpidem-D6	6.905	36471689	3328133	10.9586	547.6123
Meprobamate	Meprobamate-D7	6.918	2297188	151259	15.1871	505.7777
Venlafaxine	Venlafaxine-D6	7.030	38009986	2272770	16.7241	553.2904
Trazodone	Trazodone-D6	7.120	19093518	1137397	16.7870	538.3325

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report a cal 7

D

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	13217449	1066540	12.3928	495.1953
Dextromethorphan	Dextromethorphan-D3	7.194	5451611	429947	12.6797	492.2898
Diphenhydramine	Diphenhydramine-D3	7.238	29580694	2353145	12.5707	529.3742
Promethazine	Promethazine-D3	7.413	28446071	1602026	17.7563	558.7430
Clonazepam	Clonazepam-D4	7.469	4745748	77988	60.8521	513.6322
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	1253108	106968	11.7148	540.0126
Carisoprodol	Carisoprodol-D7	7.578	5498783	424017	12.9683	464.2416
Lorazepam	Clonazepam-D4	7.587	1749098	77988	22.4277	491.6933
Alprazolam	Alprazolam-D5	7.612	14051629	790533	17.7749	538.8403

ISP FORENSICS - Pocatello Instrument # 59740

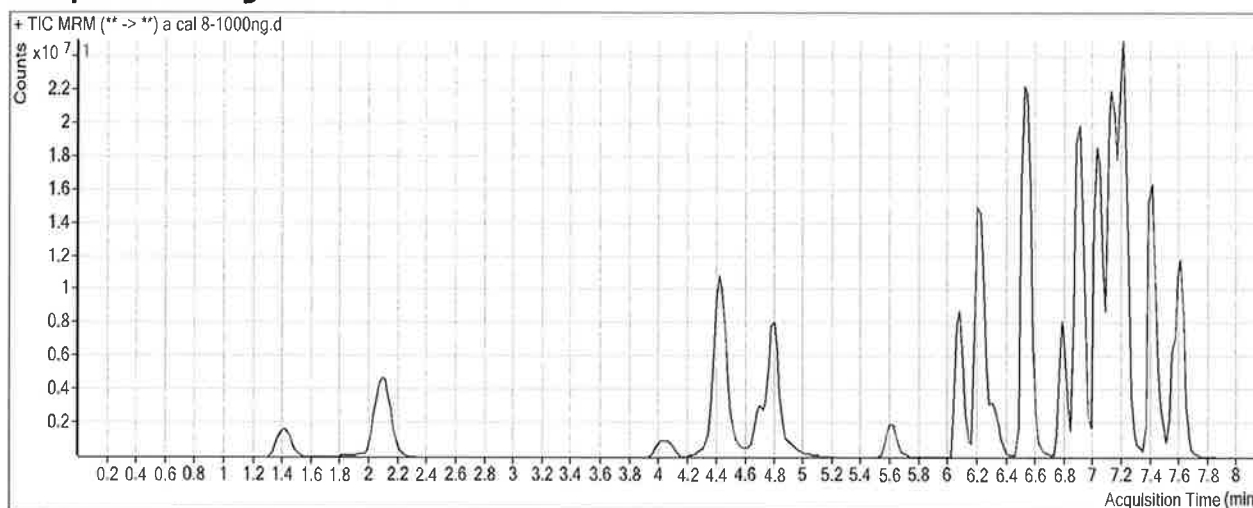
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1a.batch.bin		
Analysis Time	1/24/2019 9:27 AM	Analyst Name	datastor
Report Time	1/24/2019 9:32 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 9:27 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-22 17:34	Data File	a cal 8-1000ng.d
Sample Type	Calibration	Sample Name	a cal 8-1000ng.d
Dilution	1	Acq Method	MD Quant Panel 1a 7-11-18.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	1.410	4649394	76950	60.4207	1156.6302
Hydromorphone	Hydromorphone-D6	2.111	17716553	534245	33.1619	1122.9554
Codeine	Codeine-D6	4.037	2224346	87999	25.2768	729.0321
Oxycodone	Oxycodone-D6	4.413	25159744	758940	33.1512	1031.8945
Amphetamine	Amphetamine-D11	4.427	23121411	545786	42.3635	703.8340
Hydrocodone	Hydrocodone-D6	4.698	7869508	437072	18.0051	995.1906
Norhydrocodone	Norhydrocodone-D3	4.741	548203	79313	6.9119	1032.7937
Methamphetamine	Methamphetamine-D11	4.804	32337068	649772	49.7668	1091.8735
6-MAM	6-MAM-D6	4.912	266802	86426	3.0871	101.0918
Phentermine	Phentermine-D5	5.610	9697602	789946	12.2763	1036.4606
Dextrorphan	Dextrorphan-D3	6.087	12691728	887708	14.2972	1071.6457
Tramadol	Tramadol-13C-D3	6.207	56244381	3012306	18.6715	1009.5377
7-aminoclonazepam	7-Aminoclonazepam-D4	6.219	7602479	302885	25.1002	982.5781
Metoprolol	Oxycodone-D6	6.325	4706811	758940	6.2018	864.5822
Doxylamine	Doxylamine-D5	6.526	44297120	2560485	17.3003	1043.9372
Bupropion	Bupropion-D9	6.795	15700427	416628	37.6845	1126.2304
Zolpidem	Zolpidem-D6	6.905	58108075	3024880	19.2100	958.4827
Meprobamate	Meprobamate-D7	6.918	3536523	99034	35.7101	1187.5211
Venlafaxine	Venlafaxine-D6	7.030	59291286	2060016	28.7820	951.1036
Trazodone	Trazodone-D6	7.120	37065298	1144501	32.3855	1037.5409

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

9/29/18

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Citalopram	Citalopram-D6	7.163	23052177	832213	27.6998	1105.1293
Dextromethorphan	Dextromethorphan-D3	7.194	9390333	358577	26.1878	1015.1873
Diphenhydramine	Diphenhydramine-D3	7.238	47698099	2031428	23.4801	987.0574
Promethazine	Promethazine-D3	7.413	45325108	1469366	30.8467	969.9584
Clonazepam	Clonazepam-D4	7.469	5819294	50523	115.1817	971.4245
a-hydroxyalprazolam	a-hydroxyalprazolam-D5	7.545	1920238	82092	23.3913	1077.0843
Carisoprodol	Carisoprodol-D7	7.578	7878714	266643	29.5478	1054.8908
Lorazepam	Clonazepam-D4	7.587	2692063	50523	53.2842	1167.8351
Alprazolam	Alprazolam-D5	7.612	22893731	607125	37.7084	1141.6329

P

ISP FORENSICS - Pocatello Instrument # 59740

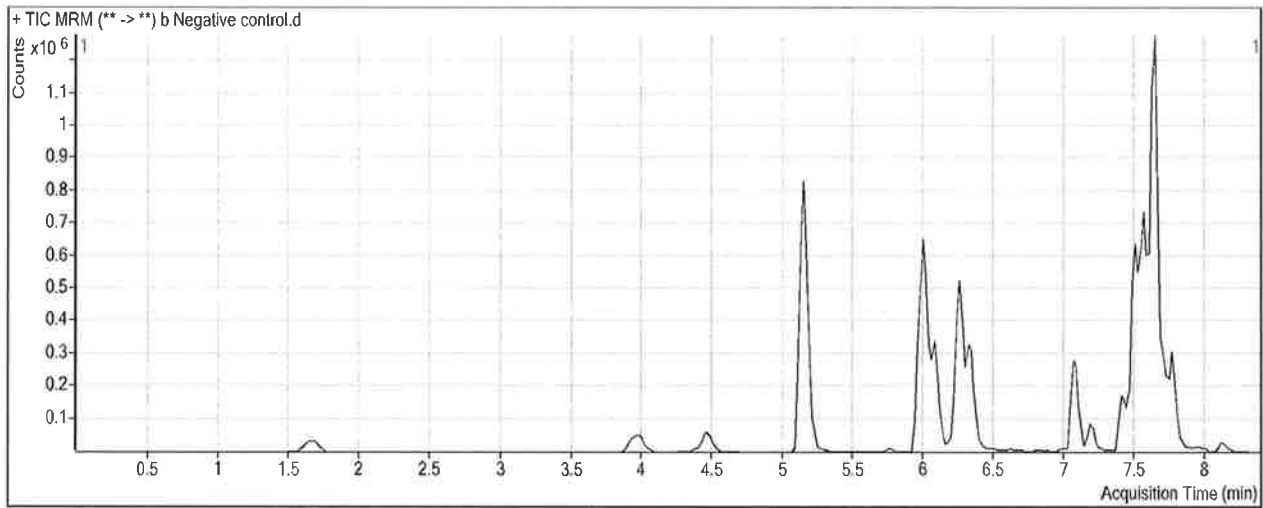
Multi-Drug Confirmatory Analysis Report

Batch Data Path	C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin		
Analysis Time	1/24/2019 9:28 AM	Analyst Name	datastor
Report Time	1/24/2019 9:37 AM	Reporter Name	datastor
Last Calib Update	1/24/2019 9:28 AM	Batch State	Processed

Analysis Info

Acq Time	2019-01-22 18:53	Data File	b Negative control.d
Sample Type	Sample	Sample Name	b Negative control.d
Dilution	1	Acq Method	MD Quant Panel 1b 7-11-18.m
Position	P1-D11	Sample Info	
Inj Vol	-1	Comment	AM 28

Sample Chromatogram



D

ISP FORENSICS - Pocatello Instrument # 59740

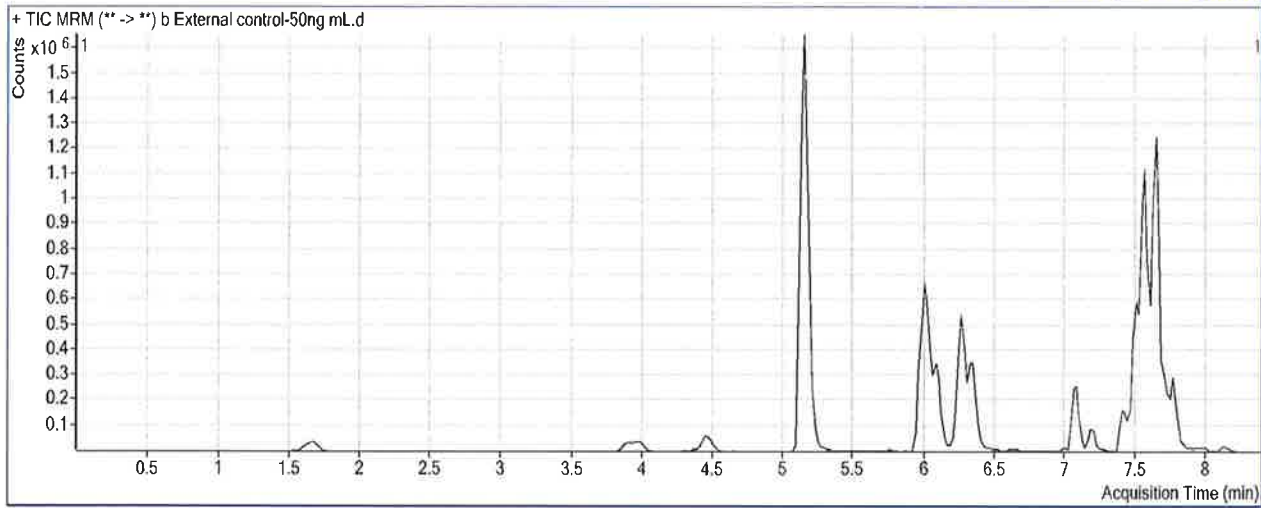
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:37 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 19:24 **Data File** b External control-50ng mL.d
Sample Type Sample **Sample Name** b External control-50ng mL.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.m
Position P1-C11 **Sample Info**
Inj Vol -1 **Comment** AM 28; WS121217 50 ng ~~trazodone, ketamine, morphine, quetiapine.~~ P
amphetaminine, alprazolam,
fluoxetine, o-desmethyl-tramadol

Sample Chromatogram



Results

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	3346699	3446591	0.9710	44.8886
Fluoxetine	Fluoxetine-D6	7.562	1468472	1306373	1.1241	43.2869

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

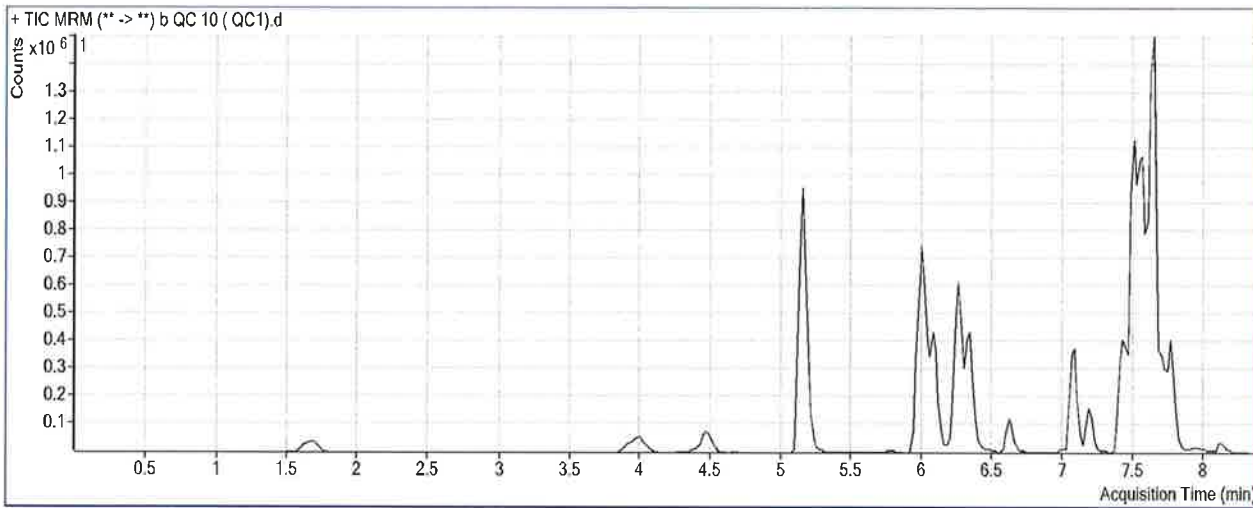
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:37 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 20:27 **Data File** b QC 10 (QC1).d
Sample Type QC **Sample Name** b QC 10 (QC1).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	59607	265707	0.2243	9.1805
Dihydrocodeine	Dihydrocodeine-D6	4.030	62979	369878	0.1703	8.1601 <i>Did not evaluate</i>
Noroxycodone	Noroxycodone-D3	4.513	91258	345345	0.2643	10.0469
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	656322	3224866	0.2035	10.2395
Benzoylcegonine	Benzoylcegonine-d8	5.771	5098	31286	0.1629	12.3065
Ketamine	Ketamine-D4	6.002	344129	1487566	0.2313	9.8386
Norfentanyl	Norfentanyl-D5	6.044	29034	1712144	0.0170	1.4986 <i>outside curve range</i>
Cocaine	Cocaine-d3	6.252	134881	1884899	0.0716	9.7170
alpha-PVP	alpha-PVP-d8	6.348	197772	1255186	0.1576	9.6521
Mirtazapine	alpha-PVP-d8	6.624	254607	1255186	0.2028	9.7226
Norbuprenorphine	Norbuprenorphine-D3	6.994	986	43196	0.0228	1.8980 <i>Did not evaluate</i>
Fentanyl	Fentanyl-D5	7.079	22129	1364335	0.0162	1.0028
Mitragynine	Methadone-D9	7.176	96404	2357258	0.0409	9.7197
EDDP	EDDP-D3	7.188	59248	319503	0.1854	10.6467
Quetiapine	Quetiapine-D8	7.418	567502	667088	0.8507	10.6055
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	158967	652357	0.2437	10.7604
Methadone	Methadone-D9	7.502	741227	2357258	0.3144	11.4179
Fluoxetine	Fluoxetine-D6	7.542	538858	2052557	0.2625	10.9030
Oxazepam	Oxazepam-D5	7.588	148366	916099	0.1620	10.3227

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 10*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	162060	946784	0.1712	9.1326
Temazepam	Temazepam-D5	7.647	518233	2814638	0.1841	10.1861
Buprenorphine	Buprenorphine-D4	7.677	13899	479519	0.0290	0.9095 <i>Did not evaluate</i>
Nordiazepam	Nordiazepam-D5	7.735	236263	653643	0.3615	9.6744
Diazepam	Diazepam-D5	7.771	166864	776671	0.2148	10.0916

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

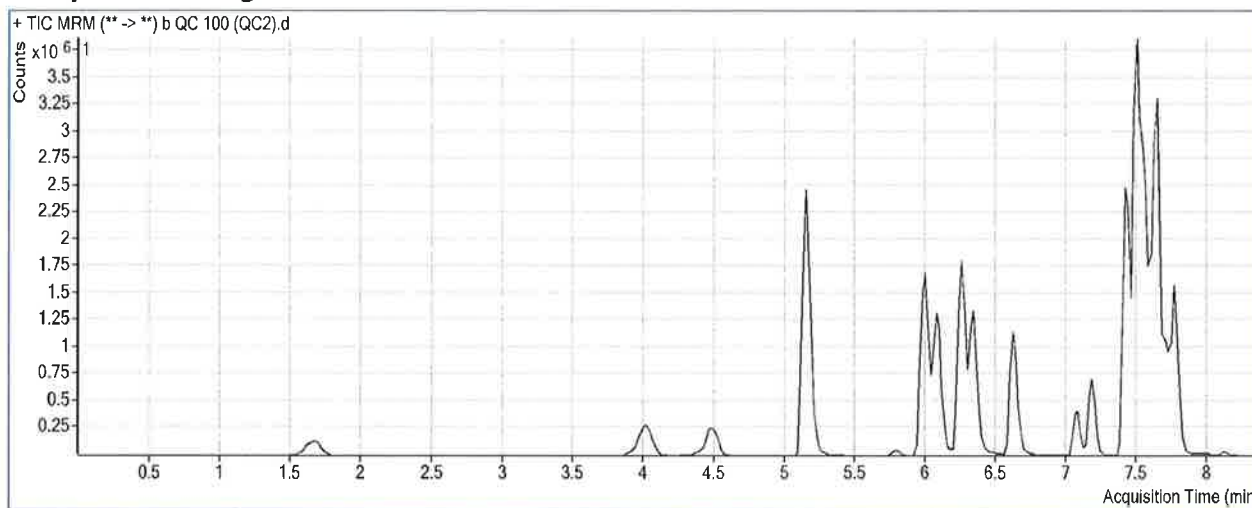
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:37 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 22:02 **Data File** b QC 100 (QC2).d
Sample Type QC **Sample Name** b QC 100 (QC2).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.688	688544	256314	2.6863	93.9871
Dihydrocodeine	Dihydrocodeine-D6	4.030	716018	370381	1.9332	89.1441 <i>Did not evaluate</i>
Noroxycodone	Noroxycodone-D3	4.493	992773	327872	3.0279	101.2056
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	6802018	3146937	2.1615	98.6322
Benzoylcegonine	Benzoylcegonine-d8	5.791	62353	31154	2.0014	109.0674
Ketamine	Ketamine-D4	6.002	3690839	1494274	2.4700	96.1308
Norfentanyl	Norfentanyl-D5	6.044	346333	1647272	0.2102	9.4338
Cocaine	Cocaine-d3	6.252	1509413	1923243	0.7848	94.4850
alpha-PVP	alpha-PVP-d8	6.348	2199814	1269648	1.7326	93.9343
Mirtazapine	alpha-PVP-d8	6.624	2557631	1269648	2.0144	95.1948
Norbuprenorphine	Norbuprenorphine-D3	6.994	7431	39881	0.1863	10.4550 <i>Did not evaluate</i>
Fentanyl	Fentanyl-D5	7.079	205594	1203116	0.1709	9.1685
Mitragynine	Methadone-D9	7.176	949839	2150170	0.4418	95.4680
EDDP	EDDP-D3	7.188	633472	310266	2.0417	85.2268
Quetiapine	Quetiapine-D8	7.418	5450884	610173	8.9333	103.7589
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	1538726	597795	2.5740	93.7425
Methadone	Methadone-D9	7.502	6808522	2150170	3.1665	102.5076
Fluoxetine	Fluoxetine-D6	7.542	4500632	1734922	2.5941	98.5431
Oxazepam	Oxazepam-D5	7.588	754714	486113	1.5525	88.0763

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

b QC 100

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.604	1431020	730046	1.9602	95.8606
Temazepam	Temazepam-D5	7.647	4449441	2261667	1.9673	94.0088
Buprenorphine	Buprenorphine-D4	7.677	156945	438473	0.3579	10.7012 <i>Did not evaluate</i>
Nordiazepam	Nordiazepam-D5	7.735	1905760	527474	3.6130	89.0023
Diazepam	Diazepam-D5	7.771	1733891	729295	2.3775	91.0964

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

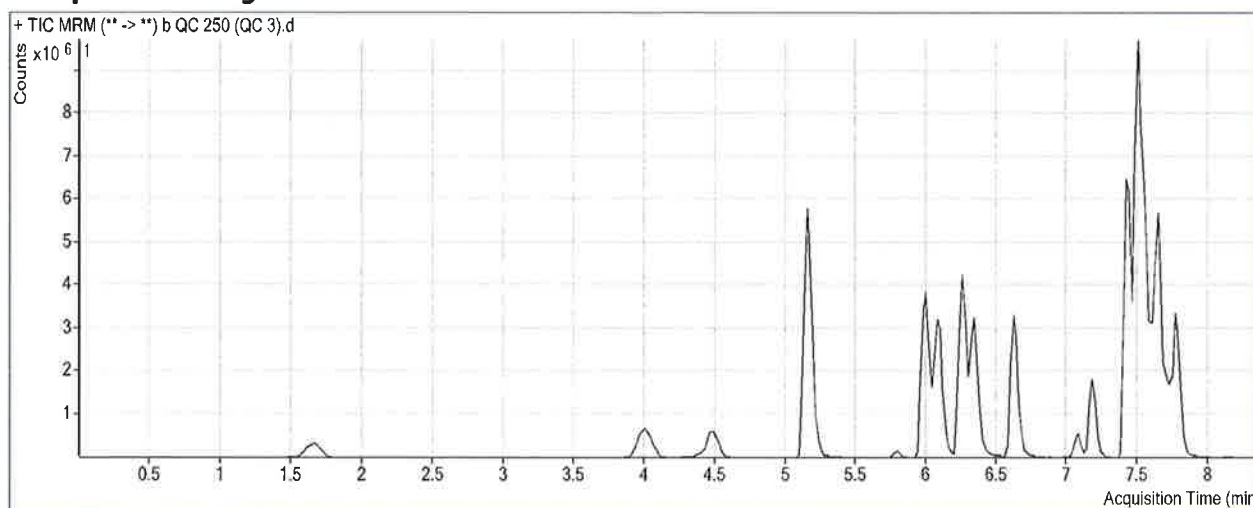
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:38 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 01:10 **Data File** b QC 250 (QC 3).d
Sample Type QC **Sample Name** b QC 250 (QC 3).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	1950295	272687	7.1521	247.8179
Dihydrocodeine	Dihydrocodeine-D6	4.010	2031927	395832	5.1333	236.1489 <i>Did not evaluate</i>
Noroxycodone	Noroxycodone-D3	4.493	2611118	343732	7.5964	251.8939
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	19786442	3384816	5.8456	264.9560
Benzoylcegonine	Benzoylcegonine-d8	5.791	200920	30438	6.6009	351.1395
Ketamine	Ketamine-D4	6.002	10752833	1640832	6.5533	253.5275
Norfentanyl	Norfentanyl-D5	6.044	1035713	1830110	0.5659	24.0361
Cocaine	Cocaine-d3	6.252	4227595	2034253	2.0782	248.1958
alpha-PVP	alpha-PVP-d8	6.348	6415142	1420540	4.5160	242.8743
Mirtazapine	alpha-PVP-d8	6.624	7283400	1420540	5.1272	242.0567
Norbuprenorphine	Norbuprenorphine-D3	6.994	19246	45676	0.4214	22.7558 <i>Did not evaluate</i>
Fentanyl	Fentanyl-D5	7.079	515995	1160035	0.4448	23.6307
Mitragynine	Methadone-D9	7.176	2347950	2264814	1.0367	222.7377
EDDP	EDDP-D3	7.188	2017450	353899	5.7006	232.2336
Quetiapine	Quetiapine-D8	7.418	15018989	641396	23.4161	270.6744
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	3795738	542802	6.9929	251.0964
Methadone	Methadone-D9	7.502	19454582	2264814	8.5899	275.7221
Fluoxetine	Fluoxetine-D6	7.562	10752231	1577404	6.8164	257.2489
Oxazepam	Oxazepam-D5	7.588	1202556	282037	4.2638	239.6742

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
Sertraline	Sertraline-D3	7.625	2849015	636228	4.4780	217.9189
Temazepam	Temazepam-D5	7.647	9329766	1764883	5.2863	250.0245
Buprenorphine	Buprenorphine-D4	7.677	411727	417954	0.9851	29.3697 Did not evaluate
Nordiazepam	Nordiazepam-D5	7.735	3639665	345292	10.5408	258.0210
Diazepam	Diazepam-D5	7.771	4225356	675669	6.2536	236.2807

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

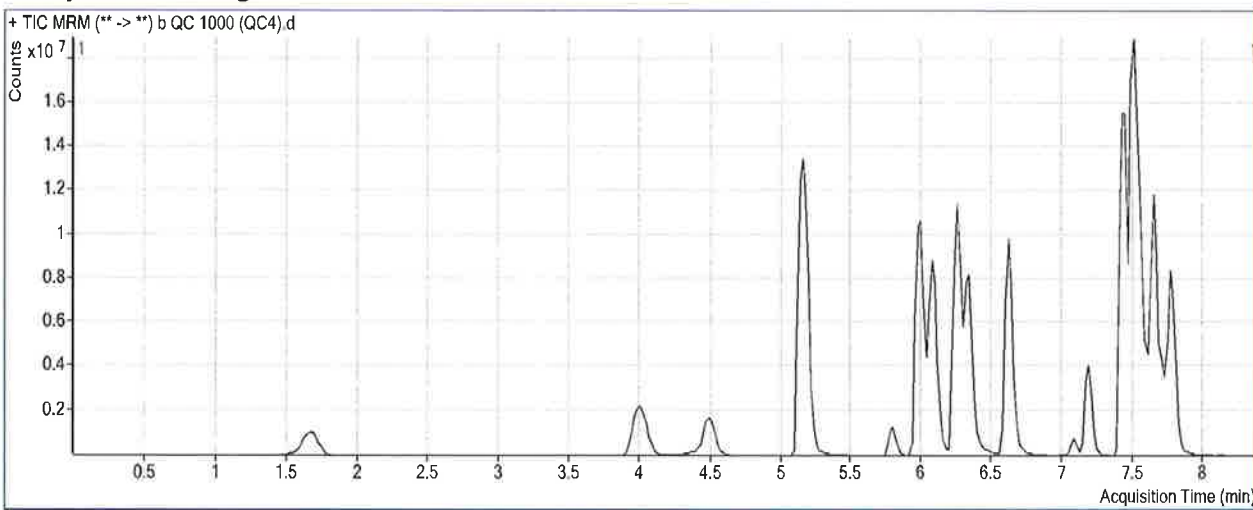
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:38 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-23 03:31 **Data File** b QC 1000 (QC4).d
Sample Type QC **Sample Name** b QC 1000 (QC4).d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	6830127	239288	28.5436	984.6754
Dihydrocodeine	Dihydrocodeine-D6	4.010	6803258	350806	19.3932	891.2095 <i>Did not evaluate</i>
Noroxycodone	Noroxycodone-D3	4.493	7938883	230676	34.4157	1136.5182
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	62441701	2771927	22.5265	1018.0188
Benzoylcegonine	Benzoylcegonine-d8	5.791	1595290	28785	55.4199	2920.4912 <i>outside curve range</i>
Ketamine	Ketamine-D4	5.982	38290867	1315191	29.1143	1123.1762
Norfentanyl	Norfentanyl-D5	6.044	3201694	1285940	2.4898	103.0176
Cocaine	Cocaine-d3	6.252	12973261	1458978	8.8920	1057.9802
alpha-PVP	alpha-PVP-d8	6.348	18387020	992056	18.5342	993.0010
Mirtazapine	alpha-PVP-d8	6.624	21449382	992056	21.6211	1020.2498 <i>outside curve range</i>
Norbuprenorphine	Norbuprenorphine-D3	6.994	43423	20668	2.1010	110.6610 <i>Did not evaluate</i>
Fentanyl	Fentanyl-D5	7.079	1205194	603631	1.9966	105.5579
Mitragynine	Methadone-D9	7.156	4724770	1265234	3.7343	799.7918
EDDP	EDDP-D3	7.188	5730383	238086	24.0685	970.2082
Quetiapine	Quetiapine-D8	7.418	38335681	443973	86.3469	995.9602
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	8214920	289374	28.3886	1012.9919
Methadone	Methadone-D9	7.502	42055332	1265234	33.2392	1062.9756 <i>outside curve range</i>
Fluoxetine	Fluoxetine-D6	7.542	19515241	691323	28.2288	1062.0954
Oxazepam	Oxazepam-D5	7.588	2857084	141442	20.1997	1130.7122

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b QC 1000*

S

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	4488885	220158	20.3893	989.2723
Temazepam	Temazepam-D5	7.647	24413514	1047283	23.3113	1097.3185
Buprenorphine	Buprenorphine-D4	7.677	867625	157357	5.5138	164.1713 <i>Did not evaluate</i>
Nordiazepam	Nordiazepam-D5	7.715	7722948	194074	39.7938	971.7090
Diazepam	Diazepam-D5	7.771	12357580	455730	27.1160	1017.7118

ISP Forensics Calibration Curve Report

D

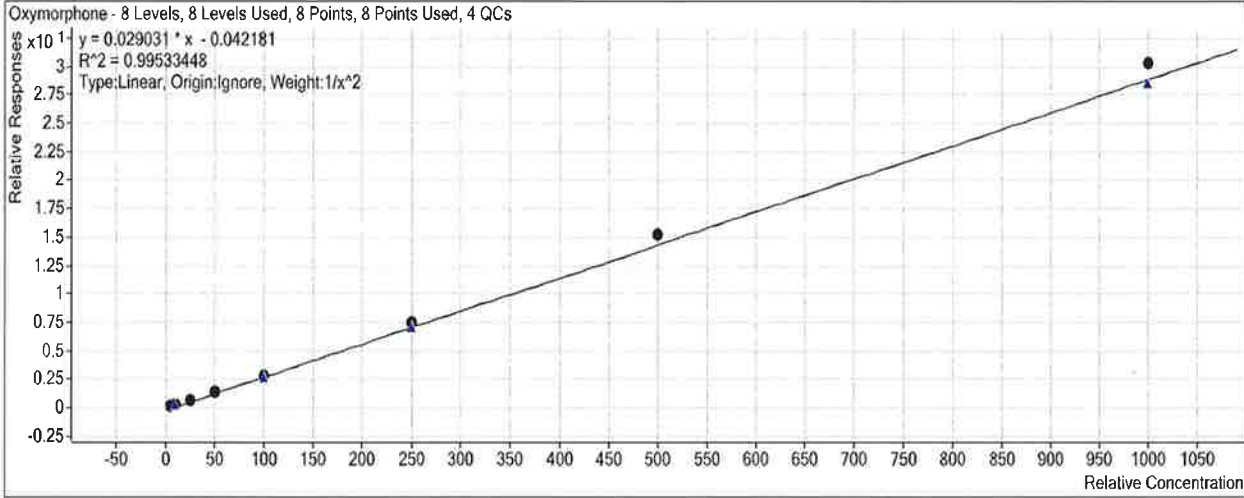
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name

ISP TOX

Target Compound Oxymorphone
Internal Standard Oxymorphone-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.3	105.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.4	94.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.2	91.8
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.4	89.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.8	97.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.4	99.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.0	94.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.7	104.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	247.8	99.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	526.5	105.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1047.1	104.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	984.7	98.5

ISP Forensics Calibration Curve Report

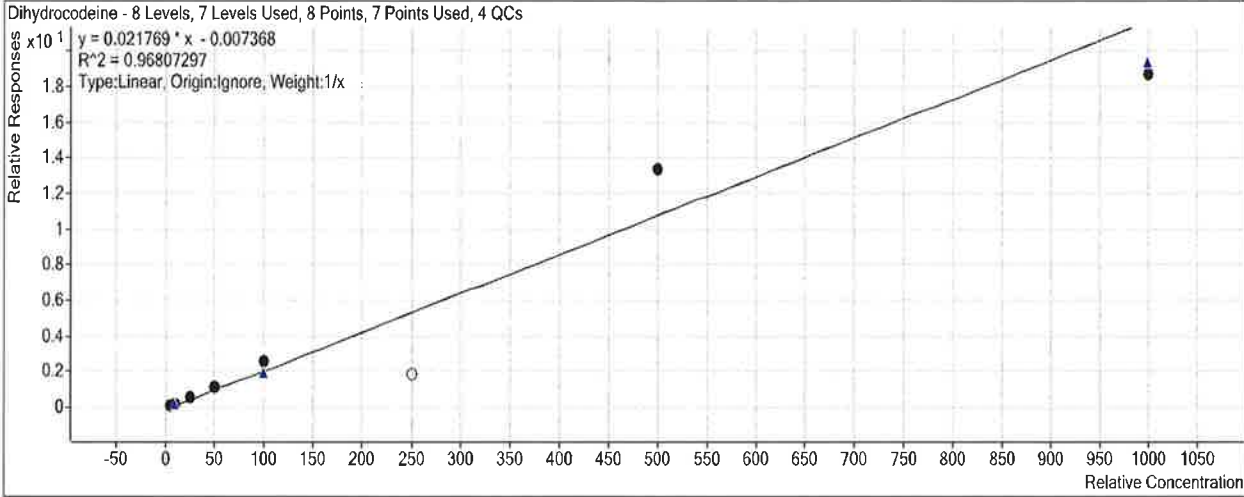
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound Dihydrocodeine
Internal Standard Dihydrocodeine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	4.0	80.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	7.7	77.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	8.2	81.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.6	102.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	54.6	109.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	121.6	121.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.1	89.1
b cal 6-250ng.d	6	<input type="checkbox"/>	250	85.4	34.2
b QC 250 (QC 3).d	6	<input type="checkbox"/>	250	236.1	94.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	614.9	123.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	861.6	86.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	891.2	89.1

Did not evaluate P

ISP Forensics Calibration Curve Report

D

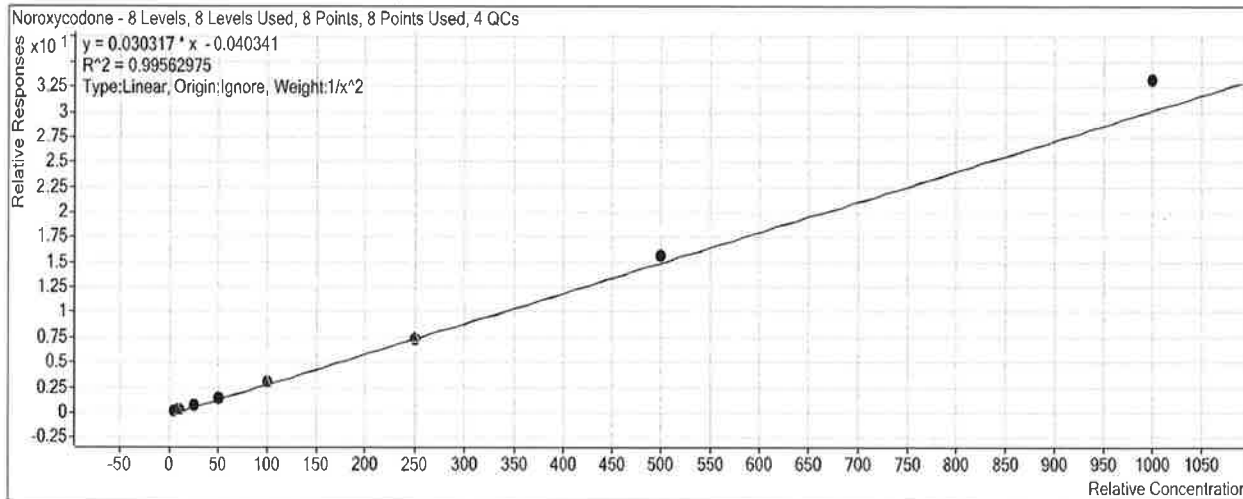
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound *Noroxycodone*

Internal Standard *Noroxycodone-D3*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	97.4
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.0	100.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.4	96.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.9	99.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	101.2	101.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	243.3	97.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	251.9	100.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	521.0	104.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1099.5	110.0
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	1136.5	113.7

ISP Forensics Calibration Curve Report

D

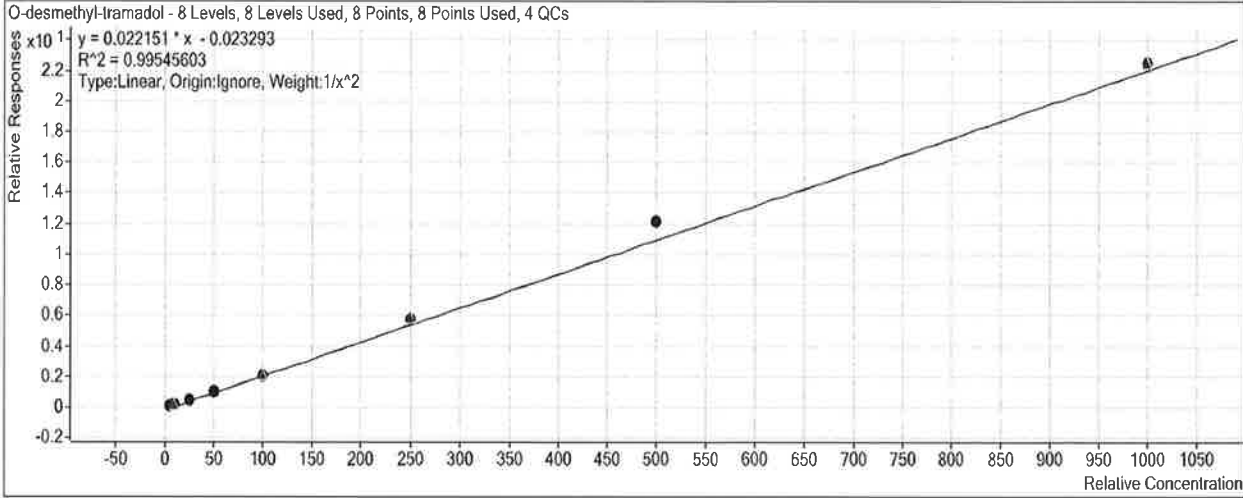
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name

ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	102.4
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.9	91.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.9	95.9
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.5	96.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.6	98.6
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	259.7	103.9
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	265.0	106.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	549.2	109.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1018.5	101.9
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1018.0	101.8

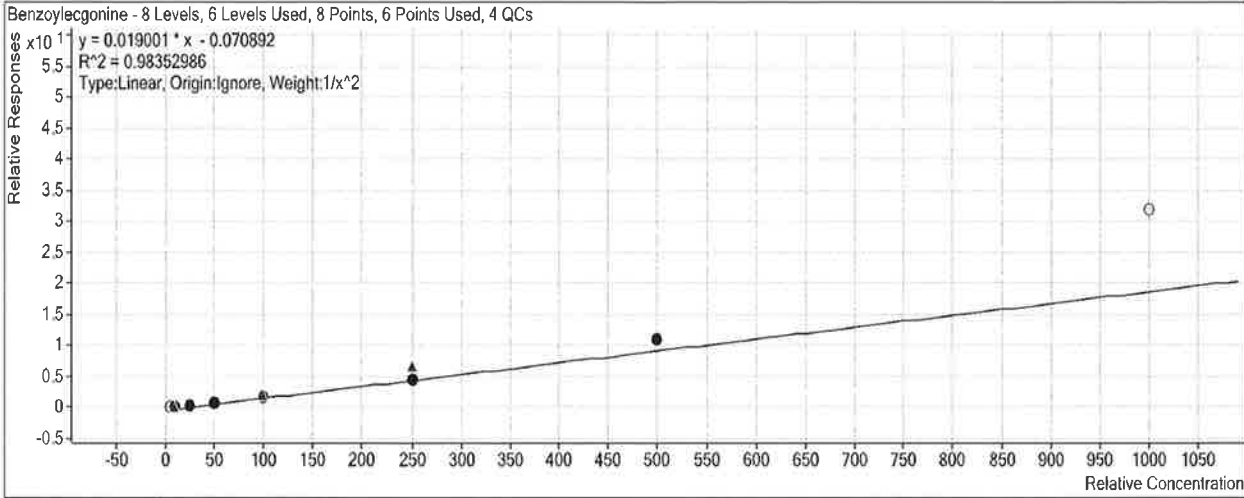
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

Target Compound *Benzoyllecgonine*
Internal Standard *Benzoyllecgonine-d8*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	5	7.2	145.0
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.7	107.2
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	12.3	123.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.0	84.0
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.5	95.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.1	99.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	109.1	109.1
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	247.6	99.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	351.1	140.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	578.1	115.6
b cal 8-1000ng.d	8	<input type="checkbox"/>	1000	1678.2	167.8
b QC 1000 (QC4).d	8	<input type="checkbox"/>	1000	2920.5	292.0

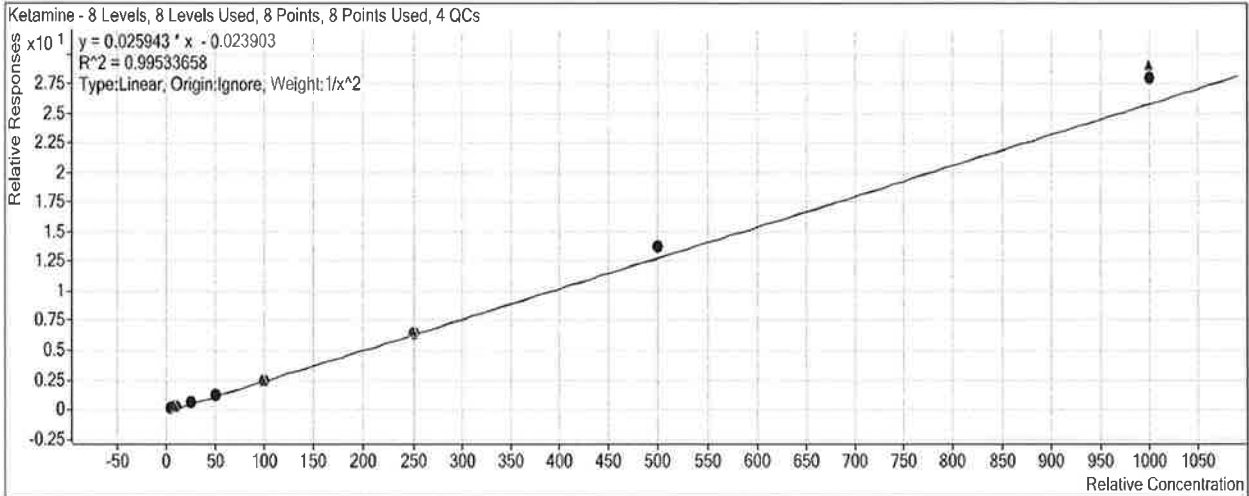
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.7
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.0	99.6
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.8	98.4
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.4	89.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.4	96.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	96.1	96.1
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	251.8	100.7
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	253.5	101.4
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	531.7	106.3
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1081.5	108.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1123.2	112.3

ISP Forensics Calibration Curve Report

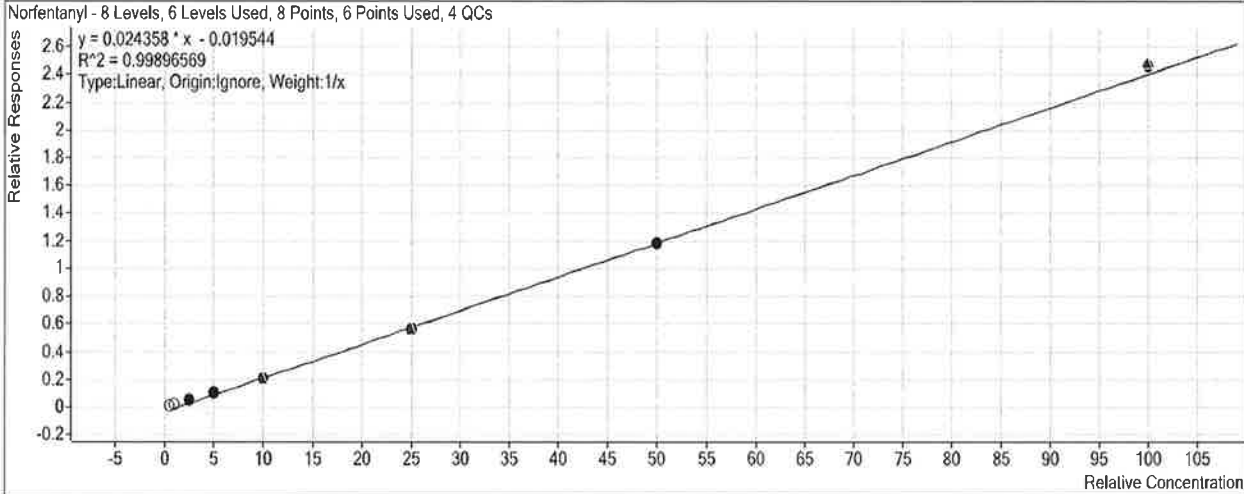
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	1.1	224.0
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.5	154.8
b QC 10 (QC1).d	2	<input type="checkbox"/>	1	1.5	149.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.7	108.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.1	101.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.3	93.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.4	94.3
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	23.9	95.8
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	24.0	96.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	49.5	99.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	102.0	102.0
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	103.0	103.0

ISP Forensics Calibration Curve Report

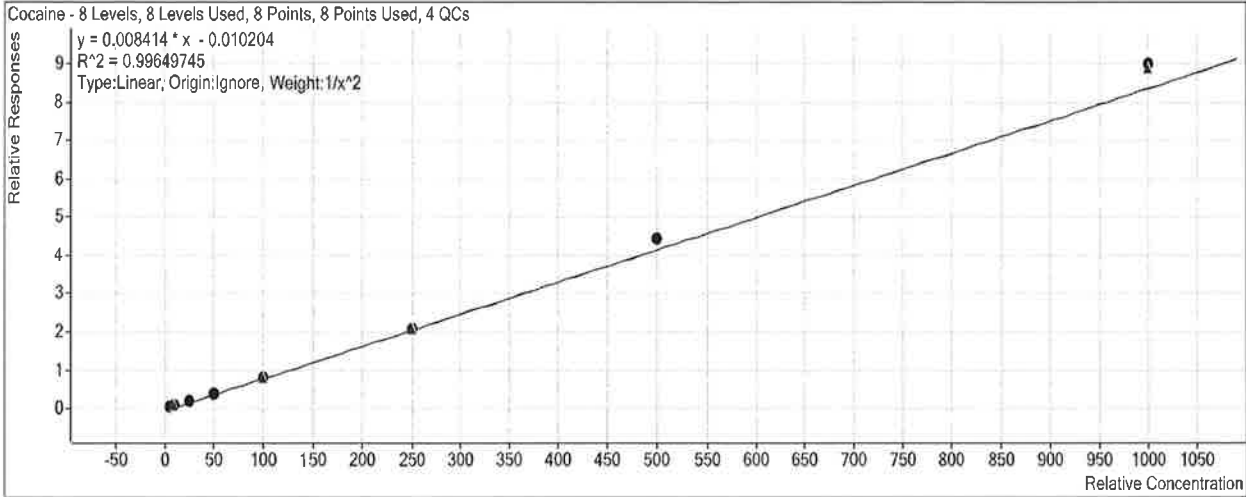
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound Cocaine
Internal Standard Cocaine-d3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.6	96.4
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.1	96.2
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.4	97.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.5	94.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	250.1	100.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	248.2	99.3
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	530.2	106.0
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1073.1	107.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1058.0	105.8

ISP Forensics Calibration Curve Report

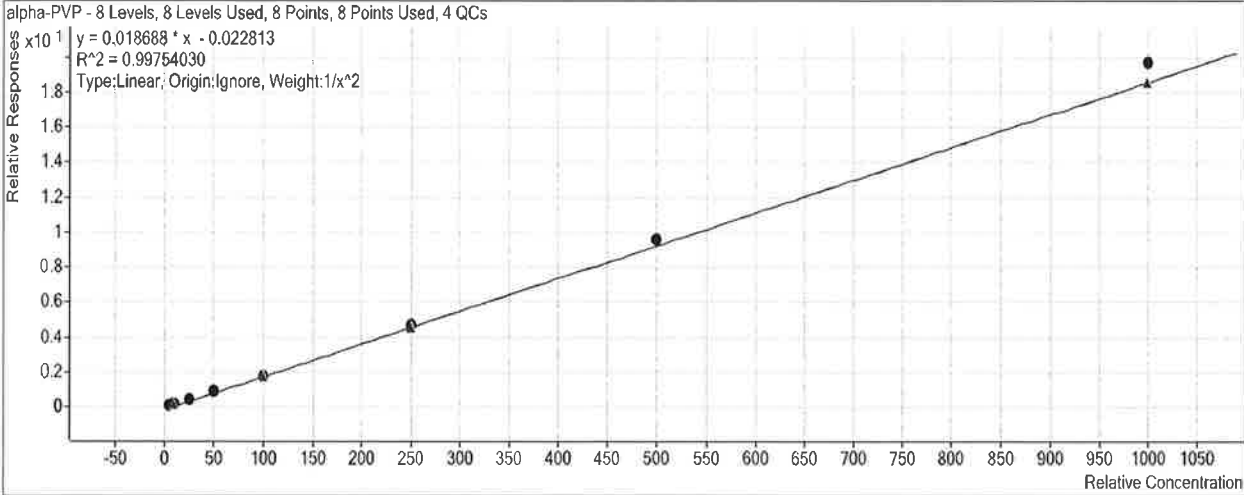
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	101.0
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	96.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.5	101.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.8	94.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.9	93.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	253.0	101.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	242.9	97.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	514.2	102.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1057.0	105.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	993.0	99.3

ISP Forensics Calibration Curve Report

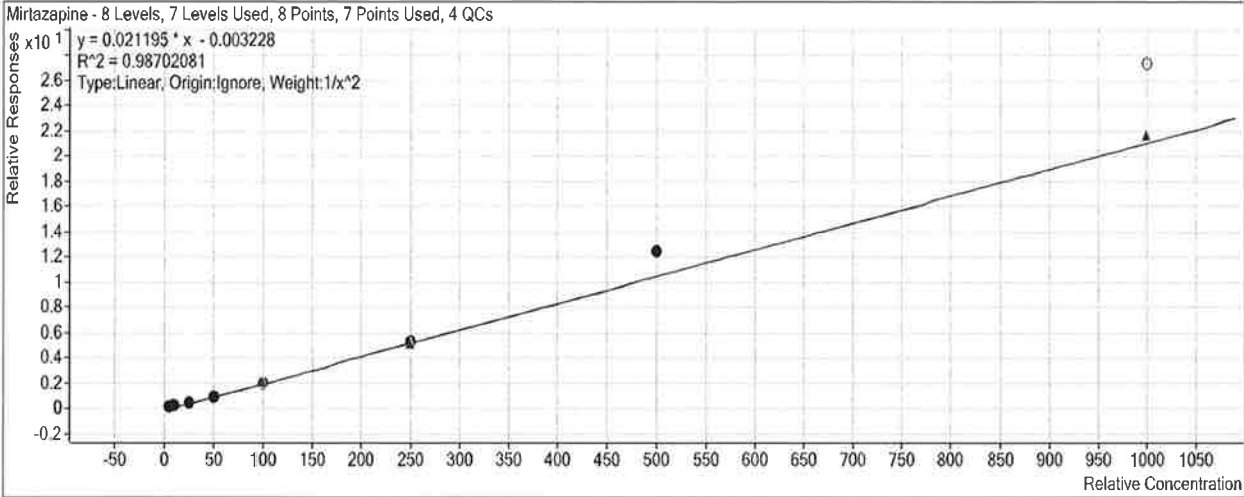
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.0	99.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.6	106.4
b QC 10 (QC1).d	2	<input type="checkbox"/>	10	9.7	97.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.4	93.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	44.7	89.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.3	94.3
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.2	95.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	246.9	98.8
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	242.1	96.8
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	591.4	118.3
b cal 8-1000ng.d	8	<input type="checkbox"/>	1000	1291.7	129.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1020.2	102.0

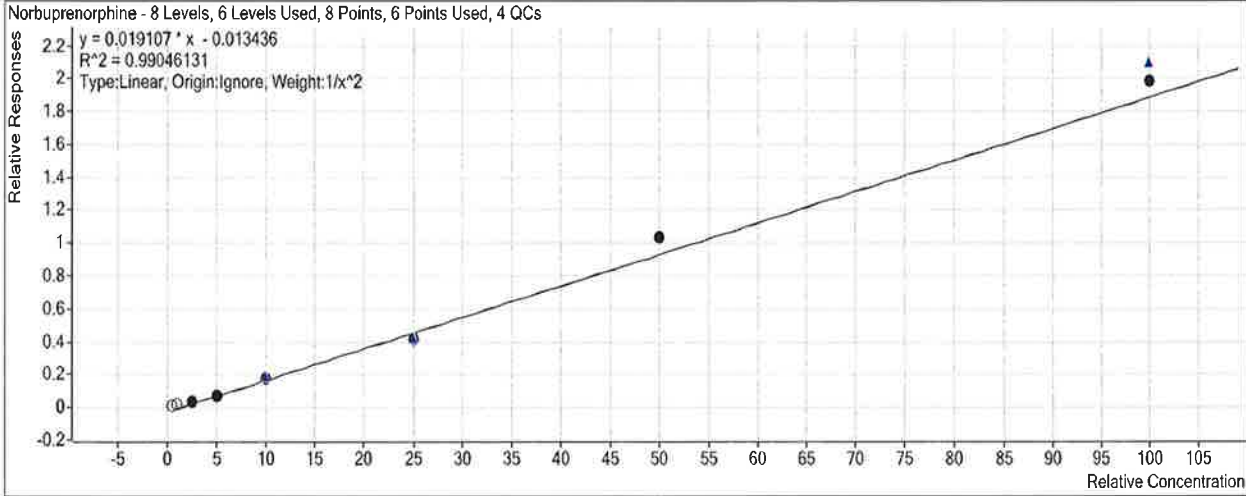
ISP Forensics Calibration Curve Report

P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

Target Compound Norbuprenorphine
Internal Standard Norbuprenorphine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input type="checkbox"/>	0.5	1.2	231.5
b cal 2-10ng.d	2	<input type="checkbox"/>	1	1.7	170.4
b QC 10 (QC1).d	2	<input type="checkbox"/>	1	1.9	189.8
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.6	104.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.6	92.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.9	99.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	10.5	104.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	22.3	89.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	22.8	91.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	54.9	109.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	104.7	104.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	110.7	110.7

Did not evaluate P

ISP Forensics Calibration Curve Report

B

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

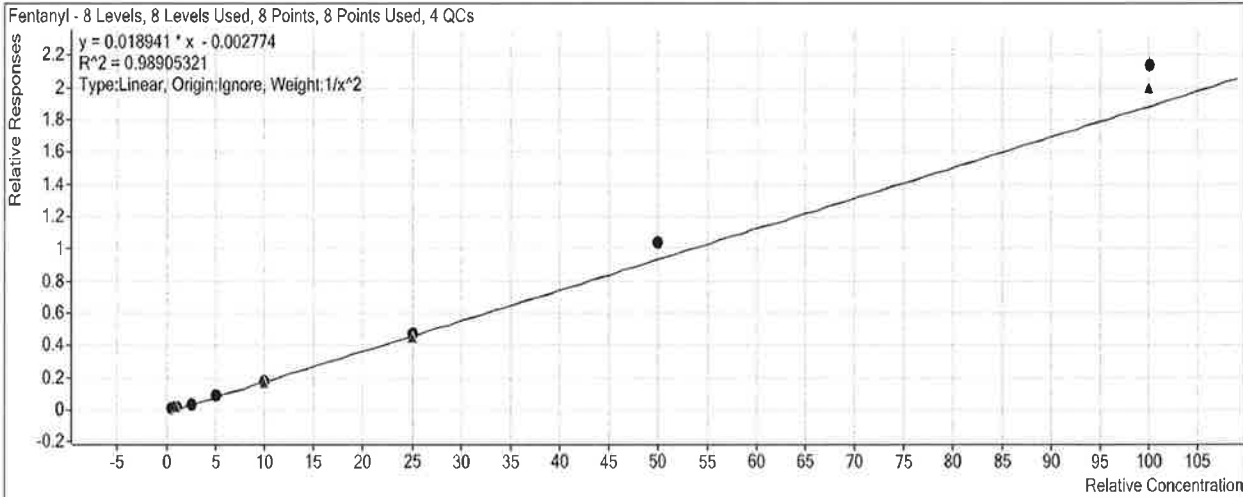
Last Calib Update 1/24/2019 9:28 AM

Analyst Name

ISP TOX

Target Compound *Fentanyl*

Internal Standard *Fentanyl-D5*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	0.5	0.5	107.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	0.9	90.2
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	1	1.0	100.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.3	90.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	4.7	93.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	9.4	94.5
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	9.2	91.7
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	25.1	100.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	23.6	94.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	50	55.0	109.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	100	113.1	113.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	105.6	105.6

ISP Forensics Calibration Curve Report

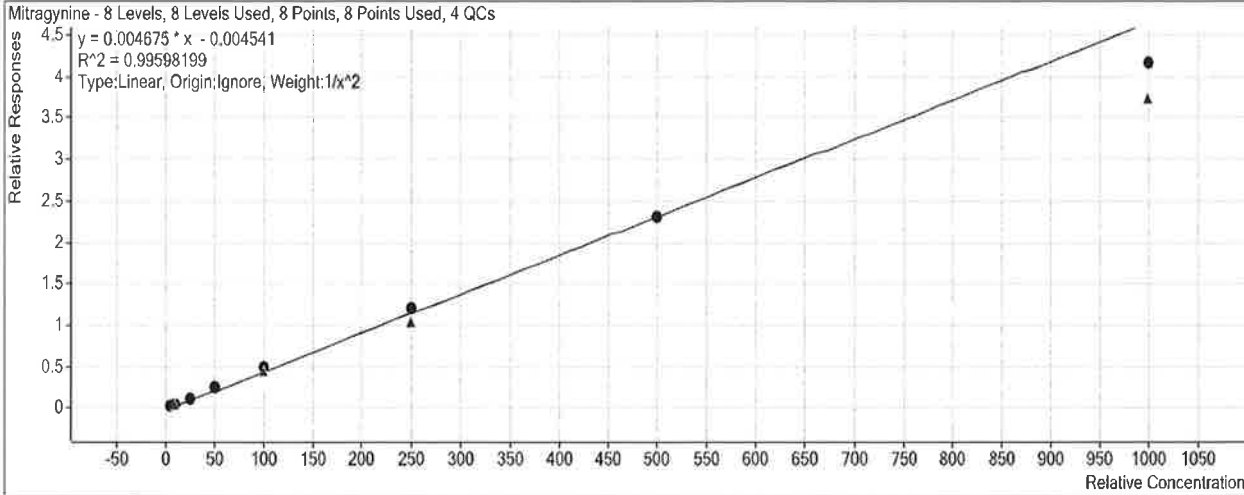
S

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.4
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.5	95.3
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	97.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	25.1	100.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	53.2	106.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	104.9	104.9
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.5	95.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	257.9	103.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	222.7	89.1
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	495.9	99.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	893.6	89.4
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	799.8	80.0

ISP Forensics Calibration Curve Report

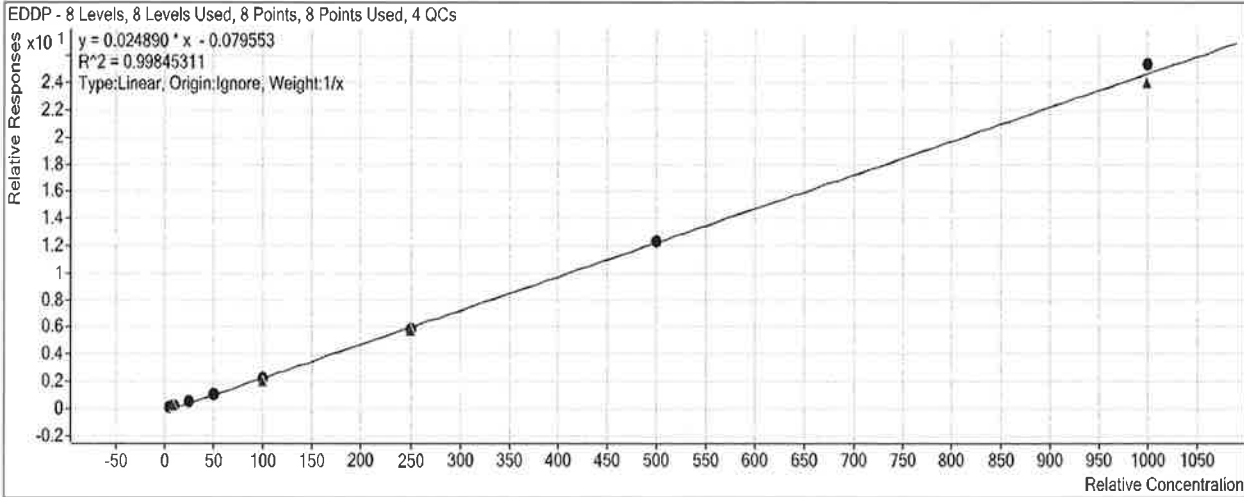
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound EDDP
Internal Standard EDDP-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	6.4	127.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.3	102.8
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.5
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.1	88.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	45.3	90.5
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	85.2	85.2
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	238.9	95.6
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	232.2	92.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	499.5	99.9
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1024.6	102.5
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	970.2	97.0

ISP Forensics Calibration Curve Report

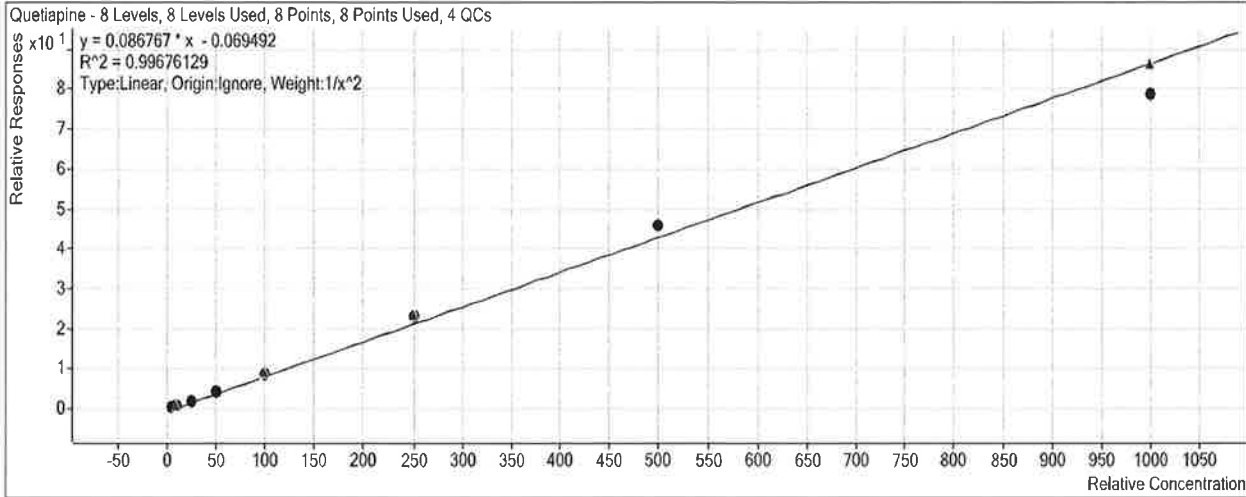
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.0	99.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	101.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.6	106.1
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	24.2	96.8
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.7	99.5
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	99.6	99.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	103.8	103.8
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	266.2	106.5
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	270.7	108.3
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	528.1	105.6
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	907.8	90.8
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	996.0	99.6

ISP Forensics Calibration Curve Report

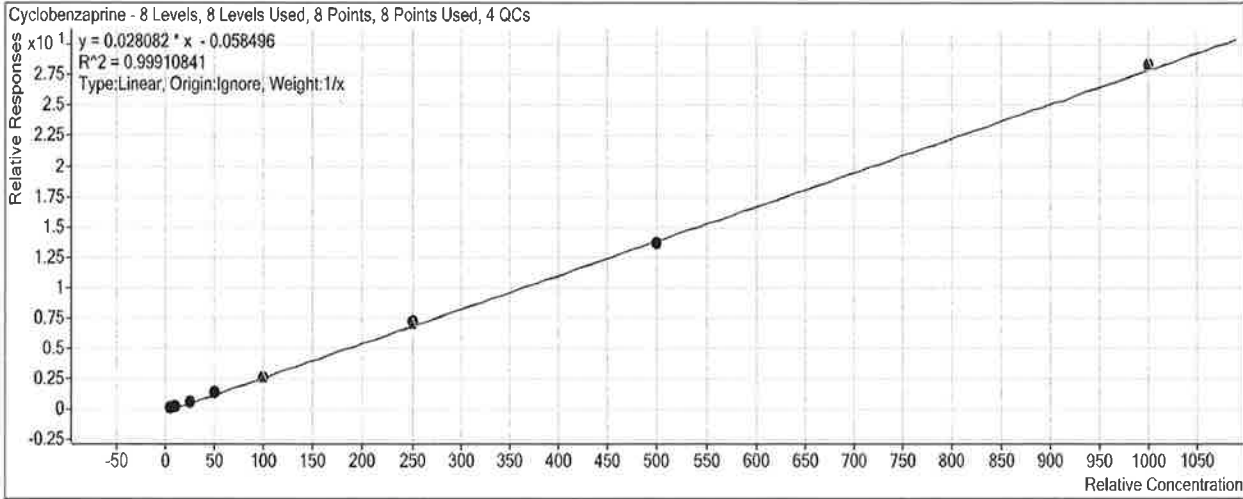
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound Cyclobenzaprine
Internal Standard Cyclobenzaprine-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.6	112.2
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	101.2
b QC 10 (QC1).d	2	<input type="checkbox"/>	10	10.8	107.6
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.2	88.6
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	51.4	102.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.2	93.2
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	93.7	93.7
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	258.1	103.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	251.1	100.4
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	488.0	97.6
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1011.4	101.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1013.0	101.3

ISP Forensics Calibration Curve Report

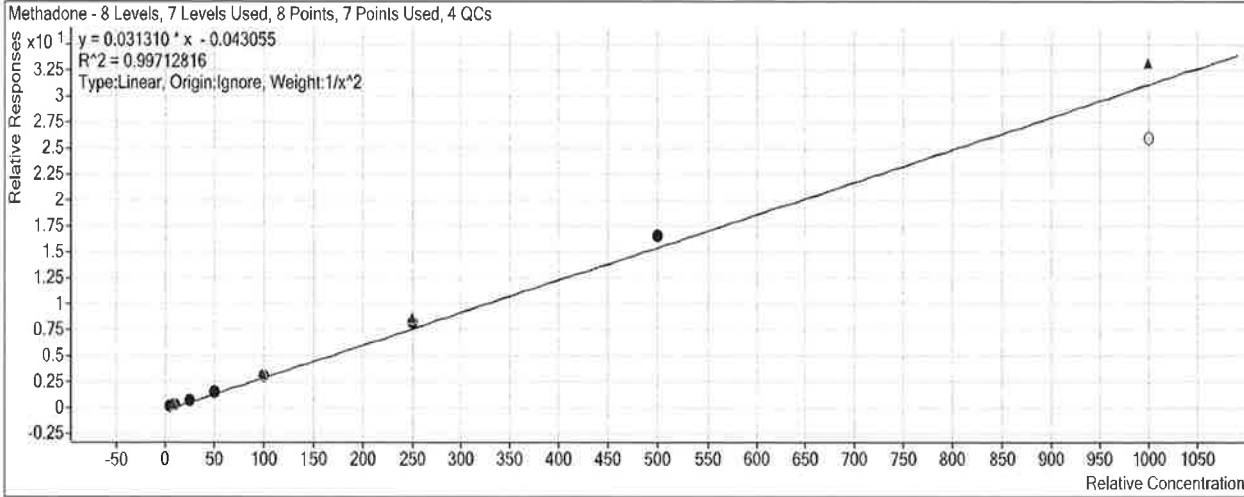
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound *Methodone*
Internal Standard *Methodone-D9*



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	101.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	100.6
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	11.4	114.2
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.3	93.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	48.6	97.1
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	97.0	97.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	102.5	102.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	262.9	105.2
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	275.7	110.3
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	527.8	105.6
b cal 8-1000ng.d	8	<input type="checkbox"/>	1000	829.2	82.9
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1063.0	106.3

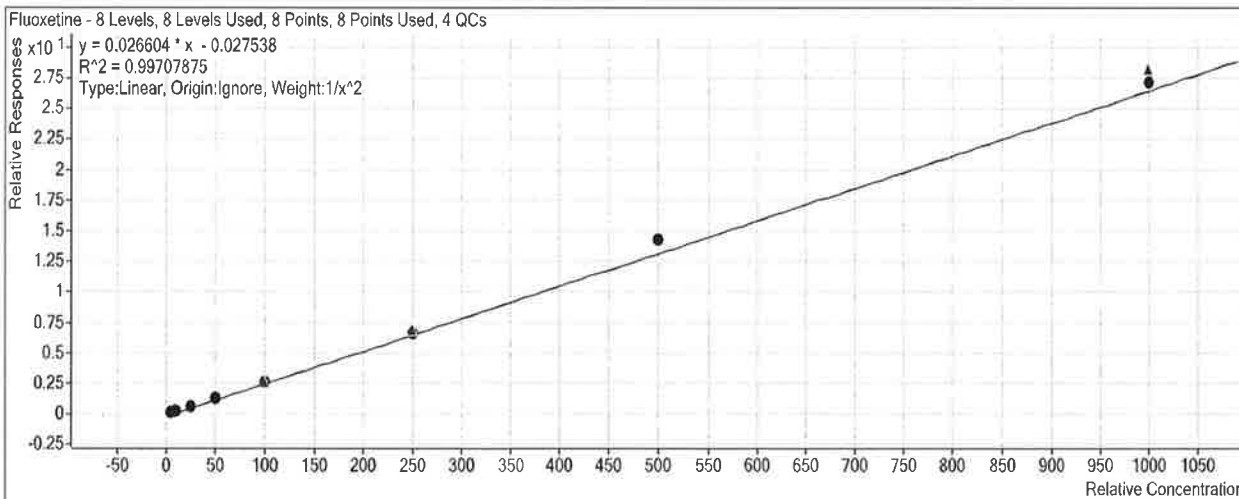
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

Target Compound Fluoxetine
Internal Standard Fluoxetine-D6



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.3
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.9	99.0
b QC 10 (QC1).d	2	<input type="checkbox"/>	10	10.9	109.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.8	91.1
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	49.9	99.8
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	98.1	98.1
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	98.5	98.5
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.9	100.0
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	257.2	102.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	538.8	107.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1020.6	102.1
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1062.1	106.2

ISP Forensics Calibration Curve Report

P

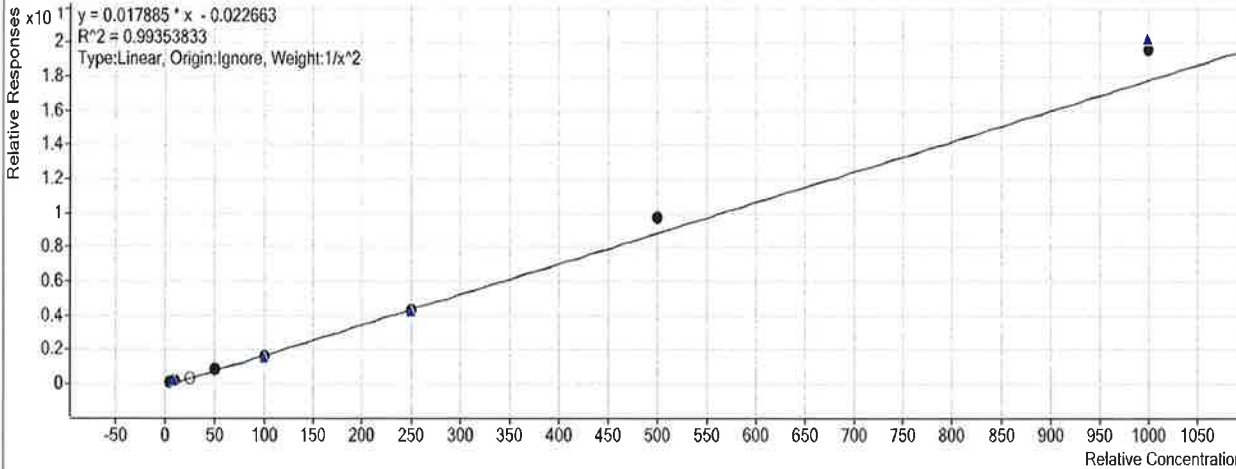
Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

Target Compound Oxazepam
Internal Standard Oxazepam-D5

Oxazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.7	96.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.3	103.2
b cal 3-25ng.d	3	<input type="checkbox"/>	25	21.2	84.8
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	46.8	93.7
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	91.4	91.4
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	88.1	88.1
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	242.7	97.1
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	239.7	95.9
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	544.1	108.8
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1096.1	109.6
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1130.7	113.1

cal 3 dropped due to peak cut off. P

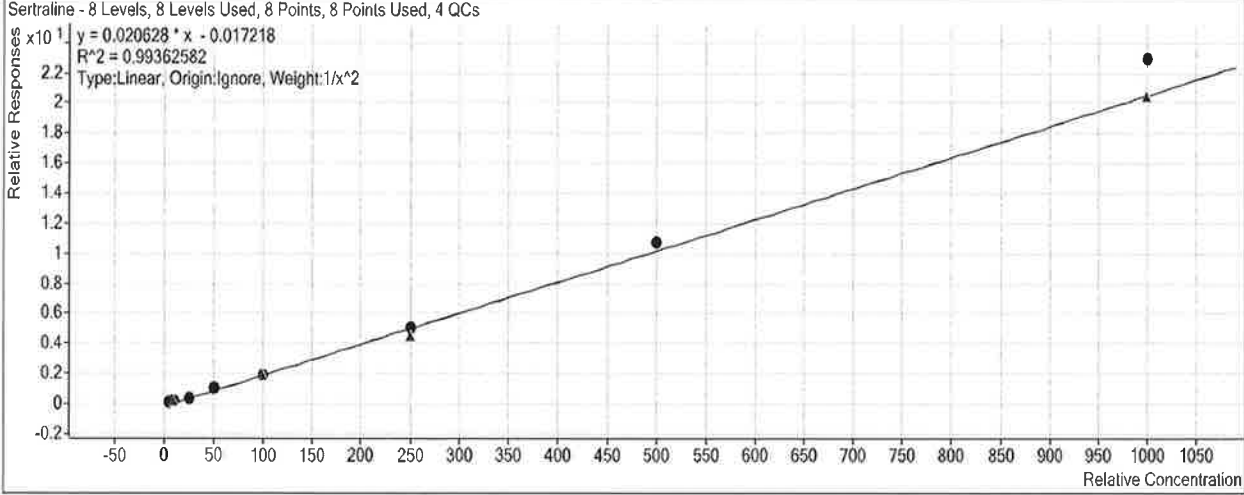
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

Target Compound Sertraline
Internal Standard Sertraline-D3



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.1	102.1
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	10.1	100.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.1	91.3
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.1	88.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.0	100.1
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	93.0	93.0
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	95.9	95.9
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	249.4	99.7
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	217.9	87.2
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	523.0	104.6
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1112.6	111.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	989.3	98.9

ISP Forensics Calibration Curve Report

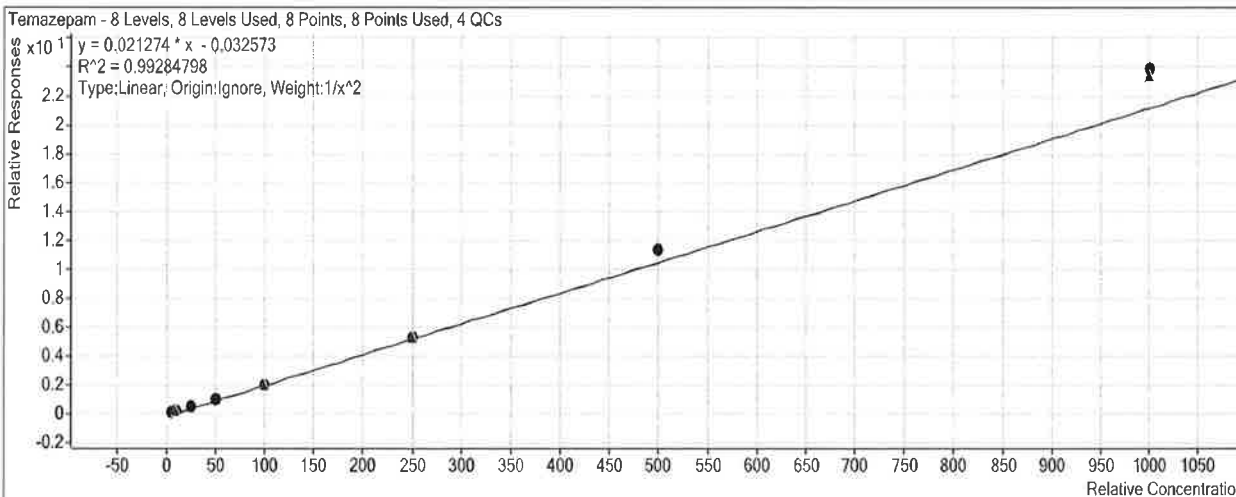
D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	98.1
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.2	101.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	22.4	89.7
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.5	95.1
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	94.6	94.6
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	94.0	94.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	248.3	99.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	250.0	100.0
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	535.9	107.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1123.4	112.3
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1097.3	109.7

ISP Forensics Calibration Curve Report

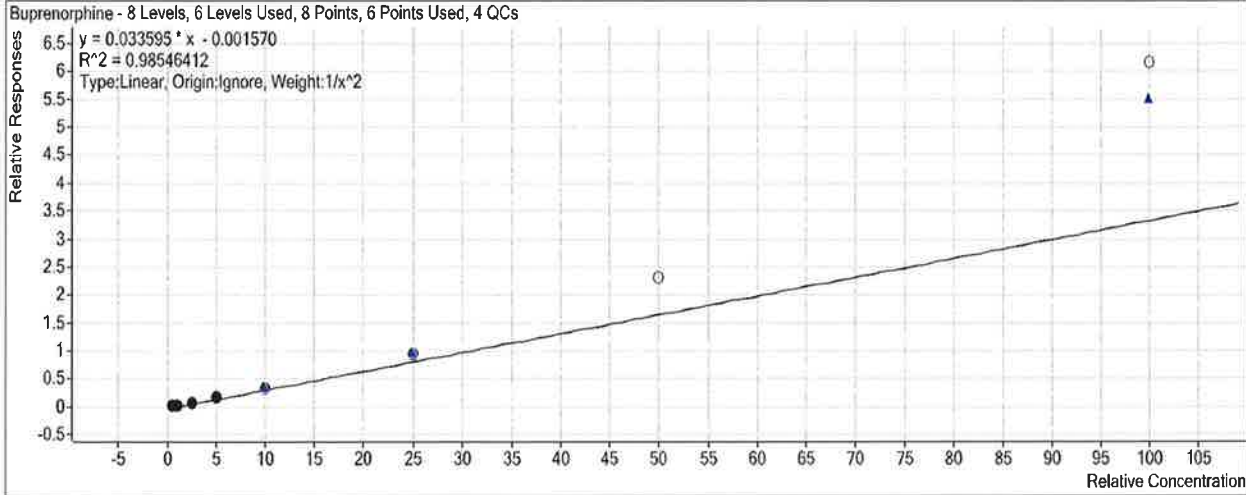
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM

Analyst Name ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	0.5	0.5	104.5
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	1	1.0	97.0
b QC 10 (QC1).d	2	<input type="checkbox"/>	1	0.9	91.0
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	2.5	2.1	83.4
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	5	5.0	100.0
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	10	10.2	101.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	10	10.7	107.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	25	28.4	113.4
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	25	29.4	117.5
b cal 7-500ng.d	7	<input type="checkbox"/>	50	68.8	137.6
b cal 8-1000ng.d	8	<input type="checkbox"/>	100	183.7	183.7
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	100	164.2	164.2

Did not evaluate P

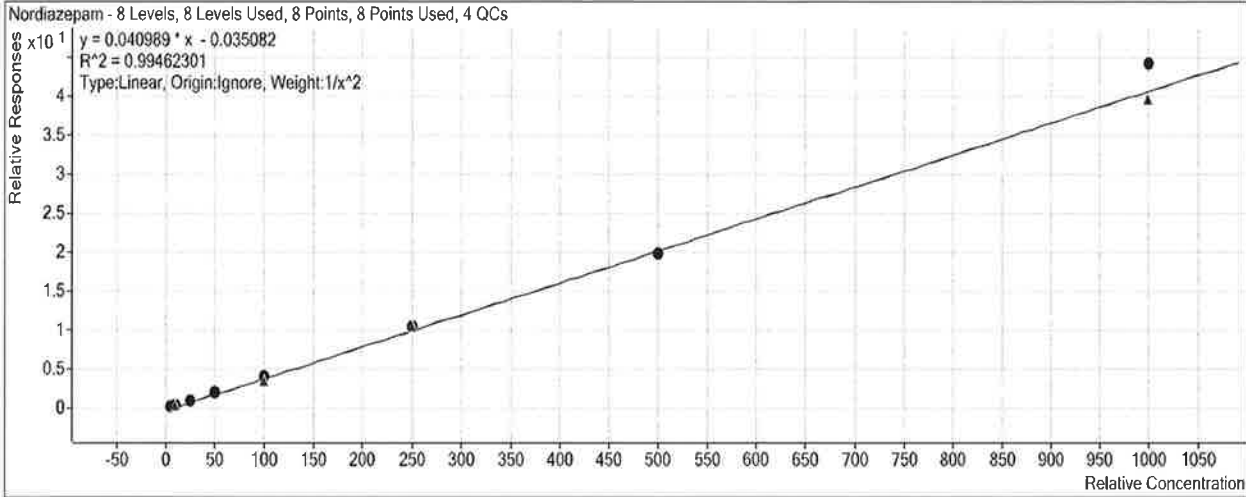
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

Target Compound Nordiazepam
Internal Standard Nordiazepam-D5



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.2	103.6
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	9.8	97.5
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	9.7	96.7
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	21.8	87.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	50.3	100.6
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	101.8	101.8
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	89.0	89.0
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	260.7	104.3
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	258.0	103.2
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	483.6	96.7
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1083.6	108.4
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	971.7	97.2

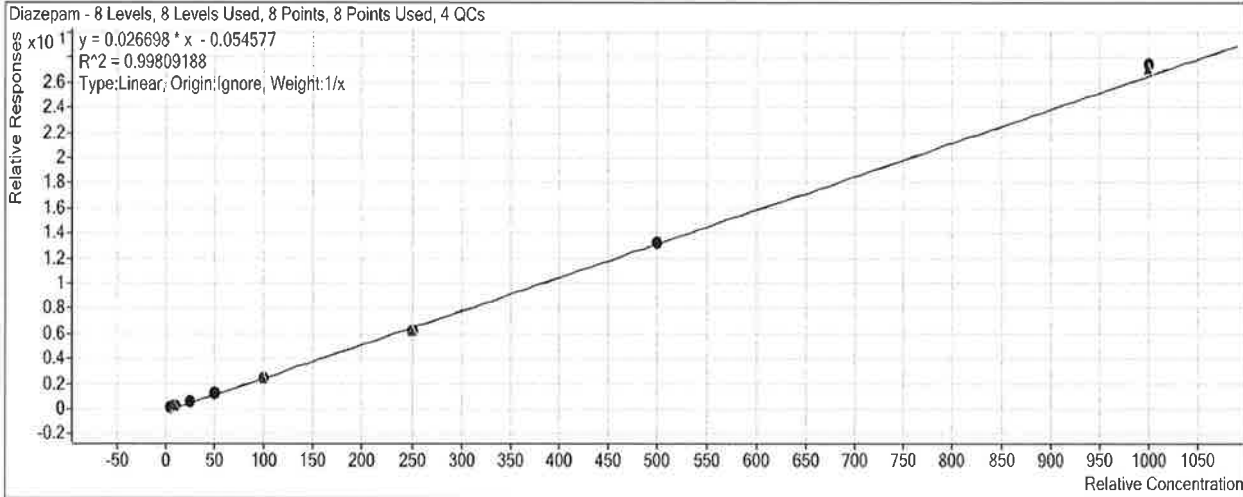
ISP Forensics Calibration Curve Report

D

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin

Last Calib Update 1/24/2019 9:28 AM **Analyst Name** ISP TOX

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



Sample	Level	Enabled	Exp Conc	Final Conc	Accuracy
b cal 1-5ng.d	1	<input checked="" type="checkbox"/>	5	5.8	115.8
b cal 2-10ng.d	2	<input checked="" type="checkbox"/>	10	11.0	109.9
b QC 10 (QC1).d	2	<input checked="" type="checkbox"/>	10	10.1	100.9
b cal 3-25ng.d	3	<input checked="" type="checkbox"/>	25	23.1	92.2
b cal 4-50ng.d	4	<input checked="" type="checkbox"/>	50	47.7	95.3
b cal 5-100ng.d	5	<input checked="" type="checkbox"/>	100	90.7	90.7
b QC 100 (QC2).d	5	<input checked="" type="checkbox"/>	100	91.1	91.1
b cal 6-250ng.d	6	<input checked="" type="checkbox"/>	250	234.2	93.7
b QC 250 (QC 3).d	6	<input checked="" type="checkbox"/>	250	236.3	94.5
b cal 7-500ng.d	7	<input checked="" type="checkbox"/>	500	495.8	99.2
b cal 8-1000ng.d	8	<input checked="" type="checkbox"/>	1000	1031.7	103.2
b QC 1000 (QC4).d	8	<input checked="" type="checkbox"/>	1000	1017.7	101.8

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

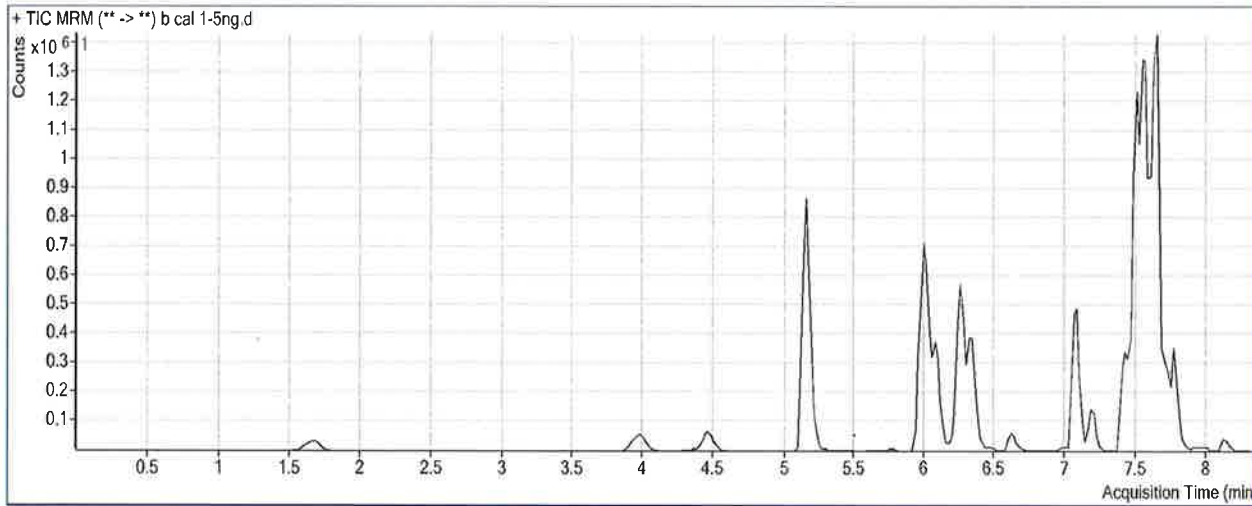
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 14:09 **Data File** b cal 1-5ng.d
Sample Type Calibration **Sample Name** b cal 1-5ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.688	29698	268851	0.1105	5.2580
Dihydrocodeine	Dihydrocodeine-D6	4.030	29623	367975	0.0805	4.0366
Noroxycodone	Noroxycodone-D3	4.493	40366	346993	0.1163	5.1678
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	298685	3263933	0.0915	5.1829
Benzoylcegonine	Benzoylcegonine-d8	5.791	2013	30108	0.0668	7.2493
Ketamine	Ketamine-D4	6.002	170210	1557368	0.1093	5.1343
Norfentanyl	Norfentanyl-D5	6.044	13888	1793693	0.0077	1.1202
Cocaine	Cocaine-d3	6.252	66976	2006171	0.0334	5.1803
alpha-PVP	alpha-PVP-d8	6.348	93193	1300361	0.0717	5.0557
Mirtazapine	alpha-PVP-d8	6.624	132590	1300361	0.1020	4.9630
Norbuprenorphine	Norbuprenorphine-D3	7.014	465	53518	0.0087	1.1576
Fentanyl	Fentanyl-D5	7.079	13436	1813538	0.0074	0.5376
Mitragynine	Methadone-D9	7.176	59529	3106496	0.0192	5.0704
EDDP	EDDP-D3	7.188	27912	354294	0.0788	6.3615
Quetiapine	Quetiapine-D8	7.418	293767	807874	0.3636	4.9918
Cyclobenzaprine	Cyclobenzaprine-D3	7.493	93600	945096	0.0990	5.6097
Methadone	Methadone-D9	7.502	359035	3106496	0.1156	5.0664
Fluoxetine	Fluoxetine-D6	7.562	339264	3124576	0.1086	5.1163
Oxazepam	Oxazepam-D5	7.588	64756	938359	0.0690	5.1258

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal I*

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	117030	1327943	0.0881	5.1070
Temazepam	Temazepam-D5	7.647	211299	2720605	0.0777	5.1820
Buprenorphine	Buprenorphine-D4	7.677	9778	611977	0.0160	0.5223
Nordiazepam	Nordiazepam-D5	7.735	114630	647010	0.1772	5.1783
Diazepam	Diazepam-D5	7.771	78970	789808	0.1000	5.7894

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

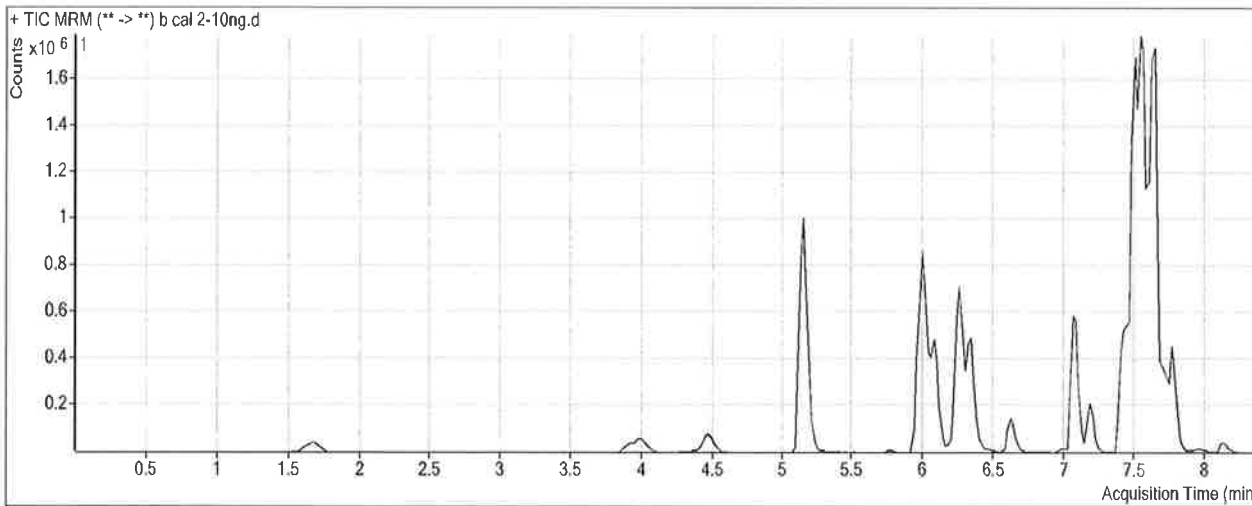
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 14:41 **Data File** b cal 2-10ng.d
Sample Type Calibration **Sample Name** b cal 2-10ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	65010	281379	0.2310	9.4115
Dihydrocodeine	Dihydrocodeine-D6	4.030	64177	399775	0.1605	7.7129
Noroxycodone	Noroxycodone-D3	4.493	94822	371796	0.2550	9.7430
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	674495	3524570	0.1914	9.6910
Benzoylcegonine	Benzoylcegonine-d8	5.791	4402	33148	0.1328	10.7196
Ketamine	Ketamine-D4	6.002	389796	1663008	0.2344	9.9564
Norfentanyl	Norfentanyl-D5	6.044	36617	2016949	0.0182	1.5477
Cocaine	Cocaine-d3	6.252	156297	2204400	0.0709	9.6390
alpha-PVP	alpha-PVP-d8	6.348	241508	1455916	0.1659	10.0971
Mirtazapine	alpha-PVP-d8	6.624	323659	1455916	0.2223	10.6409
Norbuprenorphine	Norbuprenorphine-D3	6.994	1316	68797	0.0191	1.7044
Fentanyl	Fentanyl-D5	7.079	31304	2187725	0.0143	0.9019
Mitragynine	Methadone-D9	7.176	145583	3639905	0.0400	9.5271
EDDP	EDDP-D3	7.188	70032	397390	0.1762	10.2767
Quetiapine	Quetiapine-D8	7.418	733076	903881	0.8110	10.1482
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	250667	1110501	0.2257	10.1210
Methadone	Methadone-D9	7.502	990082	3639905	0.2720	10.0625
Fluoxetine	Fluoxetine-D6	7.562	856241	3631416	0.2358	9.8978
Oxazepam	Oxazepam-D5	7.588	141779	940683	0.1507	9.6945

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal z*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	288233	1510233	0.1909	10.0869
Temazepam	Temazepam-D5	7.647	508016	2884201	0.1761	9.8108
Buprenorphine	Buprenorphine-D4	7.677	21733	700504	0.0310	0.9702
Nordiazepam	Nordiazepam-D5	7.735	254936	699276	0.3646	9.7504
Diazepam	Diazepam-D5	7.771	190354	797016	0.2388	10.9901

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

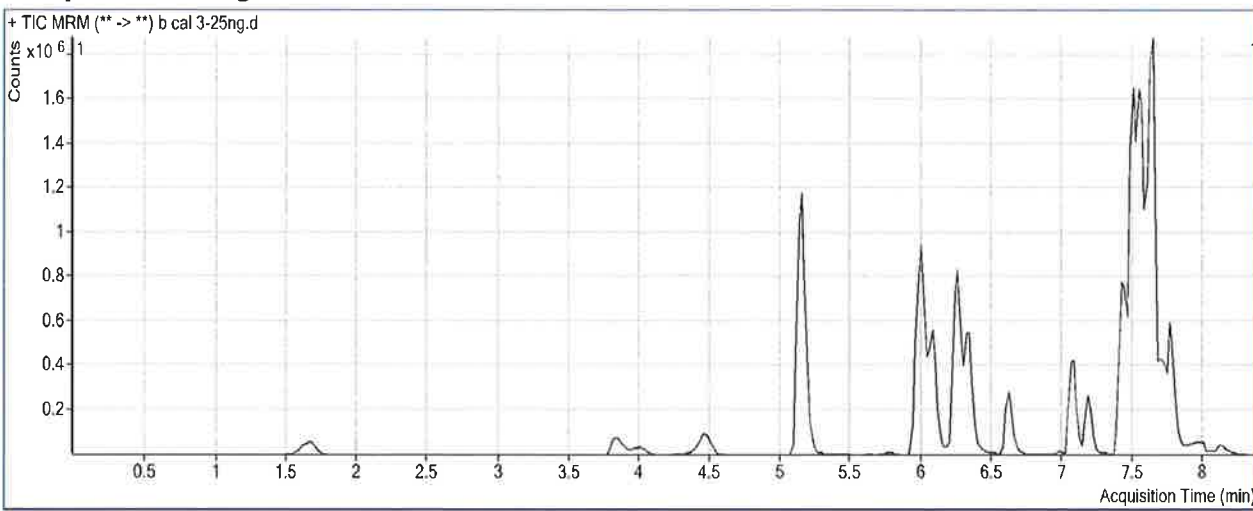
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 15:12 **Data File** b cal 3-25ng.d
Sample Type Calibration **Sample Name** b cal 3-25ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.688	163282	269019	0.6070	22.3604
Dihydrocodeine	Dihydrocodeine-D6	4.030	63816	116258	0.5489	25.5542
Noroxycodone	Noroxycodone-D3	4.493	225911	347483	0.6501	22.7751
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	1618670	3350646	0.4831	22.8610
Benzoylcegonine	Benzoylcegonine-d8	5.771	10888	33164	0.3283	21.0103
Ketamine	Ketamine-D4	5.982	874022	1567881	0.5575	22.4093
Norfentanyl	Norfentanyl-D5	6.044	87916	1884504	0.0467	2.7176
Cocaine	Cocaine-d3	6.252	368476	1985374	0.1856	23.2697
alpha-PVP	alpha-PVP-d8	6.348	507476	1241014	0.4089	23.1024
Mirtazapine	alpha-PVP-d8	6.624	611784	1241014	0.4930	23.4110
Norbuprenorphine	Norbuprenorphine-D3	6.974	1786	49032	0.0364	2.6097
Fentanyl	Fentanyl-D5	7.079	60410	1506258	0.0401	2.2639
Mitragynine	Methadone-D9	7.176	284965	2527085	0.1128	25.0932
EDDP	EDDP-D3	7.188	142652	302550	0.4715	22.1399
Quetiapine	Quetiapine-D8	7.418	1403628	691415	2.0301	24.1978
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	441767	783782	0.5636	22.1539
Methadone	Methadone-D9	7.502	1734593	2527085	0.6864	23.2975
Fluoxetine	Fluoxetine-D6	7.562	1483030	2565125	0.5782	22.7665
Oxazepam	Oxazepam-D5	7.588	263958	740802	0.3563	21.1901

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

S
S
b cal 25 3

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	468095	1067521	0.4385	22.0918
Temazepam	Temazepam-D5	7.647	1078991	2426104	0.4447	22.4370
Buprenorphine	Buprenorphine-D4	7.677	34650	506286	0.0684	2.0840
Nordiazepam	Nordiazepam-D5	7.735	485480	565427	0.8586	21.8034
Diazepam	Diazepam-D5	7.771	403100	718535	0.5610	23.0574

S

ISP FORENSICS - Pocatello Instrument # 59740

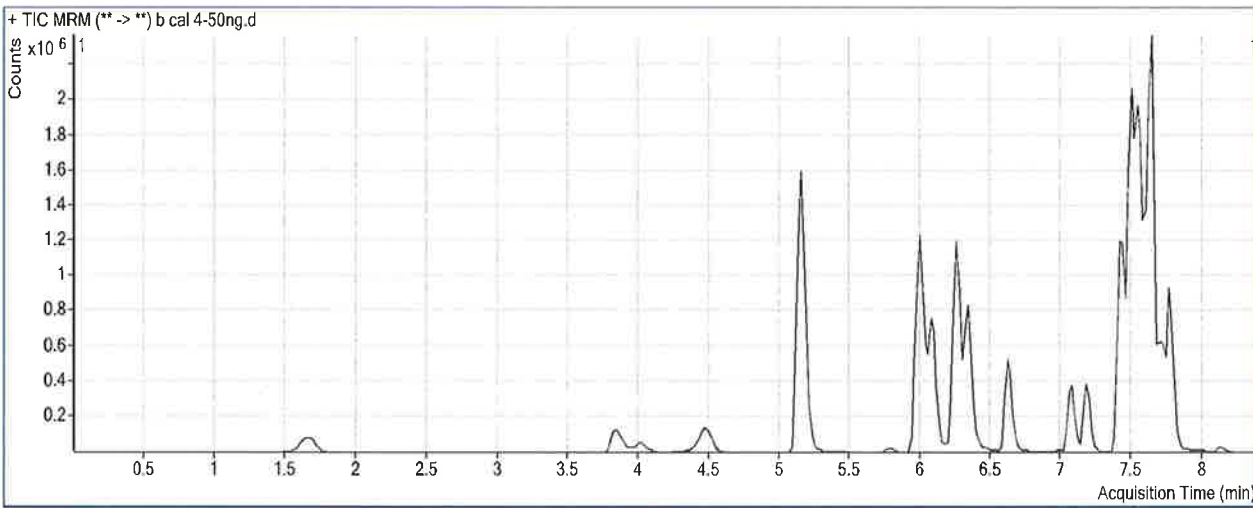
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 15:44 **Data File** b cal 4-50ng.d
Sample Type Calibration **Sample Name** b cal 4-50ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	345062	250962	1.3750	48.8153
Dihydrocodeine	Dihydrocodeine-D6	4.030	120137	101751	1.1807	54.5762
Noroxycodone	Noroxycodone-D3	4.493	482989	338608	1.4264	48.3798
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	3366098	3241348	1.0385	47.9345
Benzoylcegonine	Benzoylcegonine-d8	5.791	24334	29253	0.8318	47.5102
Ketamine	Ketamine-D4	6.002	1882949	1528386	1.2320	48.4101
Norfentanyl	Norfentanyl-D5	6.044	190810	1840283	0.1037	5.0591
Cocaine	Cocaine-d3	6.252	781031	1980115	0.3944	48.0893
alpha-PVP	alpha-PVP-d8	6.348	1096632	1190960	0.9208	50.4932
Mirtazapine	alpha-PVP-d8	6.624	1123335	1190960	0.9432	44.6539
Norbuprenorphine	Norbuprenorphine-D3	7.014	3060	40797	0.0750	4.6292
Fentanyl	Fentanyl-D5	7.079	104281	1212882	0.0860	4.6858
Mitragynine	Methadone-D9	7.176	494604	2026965	0.2440	53.1690
EDDP	EDDP-D3	7.188	283067	270281	1.0473	45.2745
Quetiapine	Quetiapine-D8	7.418	2540749	598341	4.2463	49.7403
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	789849	570332	1.3849	51.3986
Methadone	Methadone-D9	7.502	2994984	2026965	1.4776	48.5661
Fluoxetine	Fluoxetine-D6	7.562	2577222	1982112	1.3002	49.9083
Oxazepam	Oxazepam-D5	7.588	520234	638447	0.8148	46.8282

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *bcg/4*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	828309	816180	1.0149	50.0333
Temazepam	Temazepam-D5	7.647	2276252	2325737	0.9787	47.5377
Buprenorphine	Buprenorphine-D4	7.677	66337	398702	0.1664	4.9993
Nordiazepam	Nordiazepam-D5	7.735	1018637	502820	2.0258	50.2806
Diazepam	Diazepam-D5	7.771	869004	713394	1.2181	47.6708

D

ISP FORENSICS - Pocatello Instrument # 59740

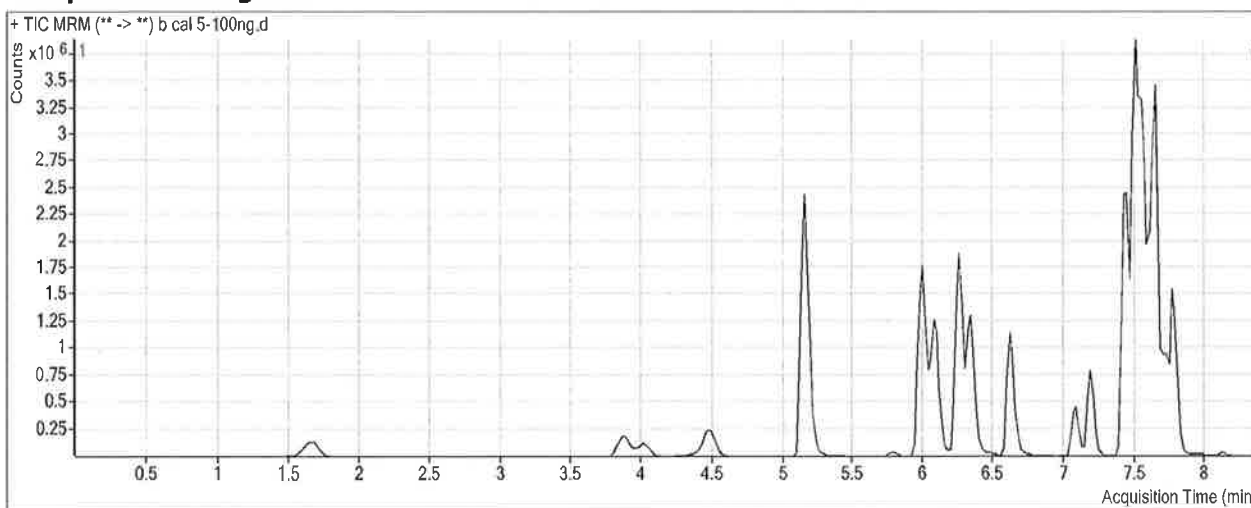
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 16:15 **Data File** b cal 5-100ng.d
Sample Type Calibration **Sample Name** b cal 5-100ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	700783	246502	2.8429	99.3810
Dihydrocodeine	Dihydrocodeine-D6	4.030	277112	104954	2.6403	121.6277
Noroxycodone	Noroxycodone-D3	4.493	978062	327286	2.9884	99.9020
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	6755692	3194221	2.1150	96.5330
Benzoylcegonine	Benzoylcegonine-d8	5.791	51818	28596	1.8121	99.1016
Ketamine	Ketamine-D4	6.002	3740247	1514633	2.4694	96.1084
Norfentanyl	Norfentanyl-D5	6.044	374798	1802142	0.2080	9.3405
Cocaine	Cocaine-d3	6.252	1577811	1950199	0.8091	97.3639
alpha-PVP	alpha-PVP-d8	6.348	2141399	1224757	1.7484	94.7803
Mirtazapine	alpha-PVP-d8	6.624	2445205	1224757	1.9965	94.3475
Norbuprenorphine	Norbuprenorphine-D3	6.994	7418	42166	0.1759	9.9108
Fentanyl	Fentanyl-D5	7.079	232003	1317145	0.1761	9.4460
Mitragynine	Methadone-D9	7.176	1094497	2252608	0.4859	104.9078
EDDP	EDDP-D3	7.188	664105	297187	2.2346	92.9784
Quetiapine	Quetiapine-D8	7.418	5514954	643608	8.5688	99.5574
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	1731127	676582	2.5586	93.1952
Methadone	Methadone-D9	7.502	6743833	2252608	2.9938	96.9914
Fluoxetine	Fluoxetine-D6	7.562	5379577	2084281	2.5810	98.0501
Oxazepam	Oxazepam-D5	7.588	783584	486239	1.6115	91.3737

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 5*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	1679124	883654	1.9002	92.9532
Temazepam	Temazepam-D5	7.647	4139606	2091222	1.9795	94.5817
Buprenorphine	Buprenorphine-D4	7.677	148144	435438	0.3402	10.1738
Nordiazepam	Nordiazepam-D5	7.735	1815250	438844	4.1364	101.7727
Diazepam	Diazepam-D5	7.771	1696090	716417	2.3675	90.7208

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

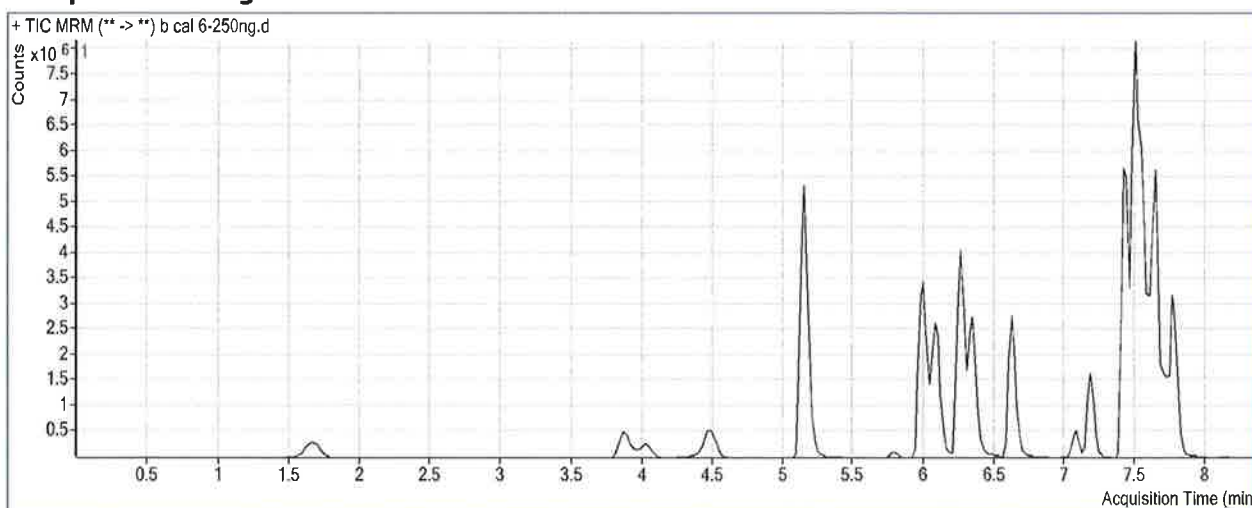
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:36 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 16:47 **Data File** b cal 6-250ng.d
Sample Type Calibration **Sample Name** b cal 6-250ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	1844006	245046	7.5252	260.6673
Dihydrocodeine	Dihydrocodeine-D6	4.030	665028	359055	1.8522	85.4217
Noroxycodone	Noroxycodone-D3	4.493	2336349	318530	7.3348	243.2657
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	18029695	3146600	5.7299	259.7304
Benzoylcegonine	Benzoylcegonine-d8	5.791	138610	29917	4.6331	247.5712
Ketamine	Ketamine-D4	6.002	9691998	1489398	6.5073	251.7561
Norfentanyl	Norfentanyl-D5	6.044	958762	1700631	0.5638	23.9474
Cocaine	Cocaine-d3	6.252	4009412	1914534	2.0942	250.0965
alpha-PVP	alpha-PVP-d8	6.348	5457219	1159861	4.7051	252.9920
Mirtazapine	alpha-PVP-d8	6.624	6065703	1159861	5.2297	246.8918
Norbuprenorphine	Norbuprenorphine-D3	6.994	14784	35772	0.4133	22.3335
Fentanyl	Fentanyl-D5	7.079	510051	1078207	0.4731	25.1220
Mitragynine	Methadone-D9	7.176	2349306	1955913	1.2011	257.9099
EDDP	EDDP-D3	7.188	1639863	279546	5.8662	238.8844
Quetiapine	Quetiapine-D8	7.418	13138497	570634	23.0244	266.1597
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	3753580	522081	7.1897	258.1043
Methadone	Methadone-D9	7.502	16017783	1955913	8.1894	262.9304
Fluoxetine	Fluoxetine-D6	7.562	10769140	1626695	6.6203	249.8761
Oxazepam	Oxazepam-D5	7.588	1190845	275800	4.3178	242.6918

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

bcab
P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	3222800	628620	5.1268	249.3718
Temazepam	Temazepam-D5	7.647	8507950	1620577	5.2500	248.3141
Buprenorphine	Buprenorphine-D4	7.677	332319	349402	0.9511	28.3577
Nordiazepam	Nordiazepam-D5	7.735	3309535	310683	10.6525	260.7447
Diazepam	Diazepam-D5	7.771	4012072	647321	6.1980	234.1974

D

ISP FORENSICS - Pocatello Instrument # 59740

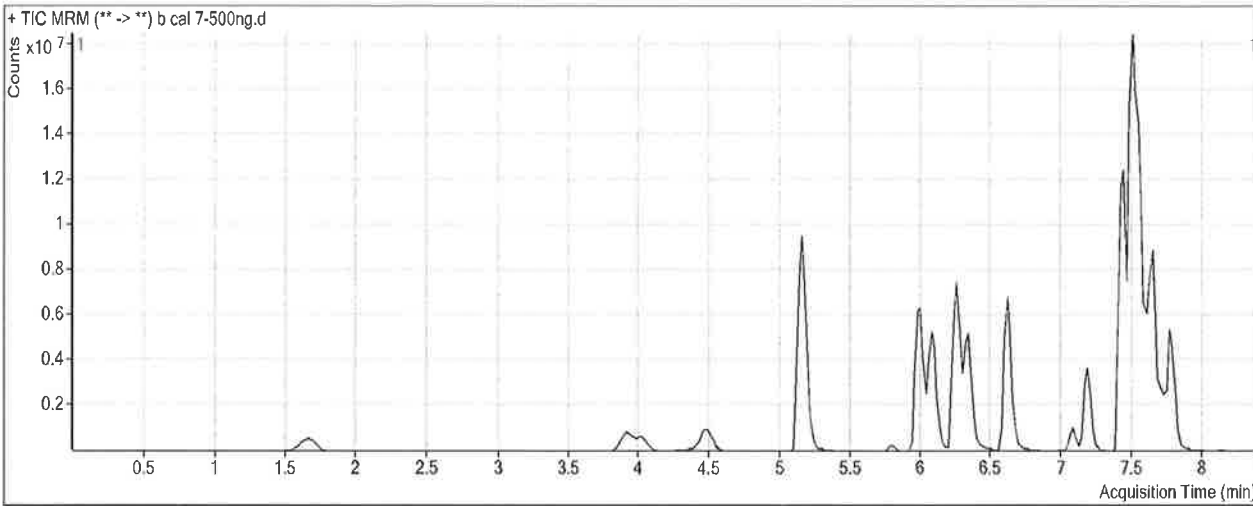
Multi-Drug Confirmatory Analysis Report

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:37 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 17:18 **Data File** b cal 7-500ng.d
Sample Type Calibration **Sample Name** b cal 7-500ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	3600871	236244	15.2422	526.4915
Dihydrocodeine	Dihydrocodeine-D6	4.030	1443398	107885	13.3790	614.9347
Noroxycodone	Noroxycodone-D3	4.493	4418147	280444	15.7541	520.9743
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	36690198	3021674	12.1423	549.2231
Benzoylcegonine	Benzoylcegonine-d8	5.791	334422	30646	10.9126	578.0628
Ketamine	Ketamine-D4	5.982	20194360	1466637	13.7692	531.6746
Norfentanyl	Norfentanyl-D5	6.044	1855275	1564611	1.1858	49.4832
Cocaine	Cocaine-d3	6.252	7990823	1795339	4.4509	530.1740
alpha-PVP	alpha-PVP-d8	6.348	11158085	1163936	9.5865	514.2013
Mirtazapine	alpha-PVP-d8	6.624	14585312	1163936	12.5310	591.3732
Norbuprenorphine	Norbuprenorphine-D3	6.994	37812	36486	1.0363	54.9415
Fentanyl	Fentanyl-D5	7.079	1373606	1323040	1.0382	54.9605
Mitragynine	Methadone-D9	7.176	5609426	2424405	2.3137	495.9114
EDDP	EDDP-D3	7.188	3801665	307736	12.3536	499.5345
Quetiapine	Quetiapine-D8	7.418	28659489	626451	45.7490	528.0634
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	9154285	670792	13.6470	488.0473
Methadone	Methadone-D9	7.502	39960996	2424405	16.4828	527.8068
Fluoxetine	Fluoxetine-D6	7.562	26588396	1858507	14.3063	538.7784
Oxazepam	Oxazepam-D5	7.588	1736434	178856	9.7085	544.1099

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 7*

P

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	7164057	665142	10.7707	522.9791
Temazepam	Temazepam-D5	7.647	13853028	1218599	11.3680	535.9035
Buprenorphine	Buprenorphine-D4	7.677	893580	386880	2.3097	68.7984
Nordiazepam	Nordiazepam-D5	7.735	5030087	254208	19.7873	483.6069
Diazepam	Diazepam-D5	7.771	7284412	552560	13.1830	495.8327

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report

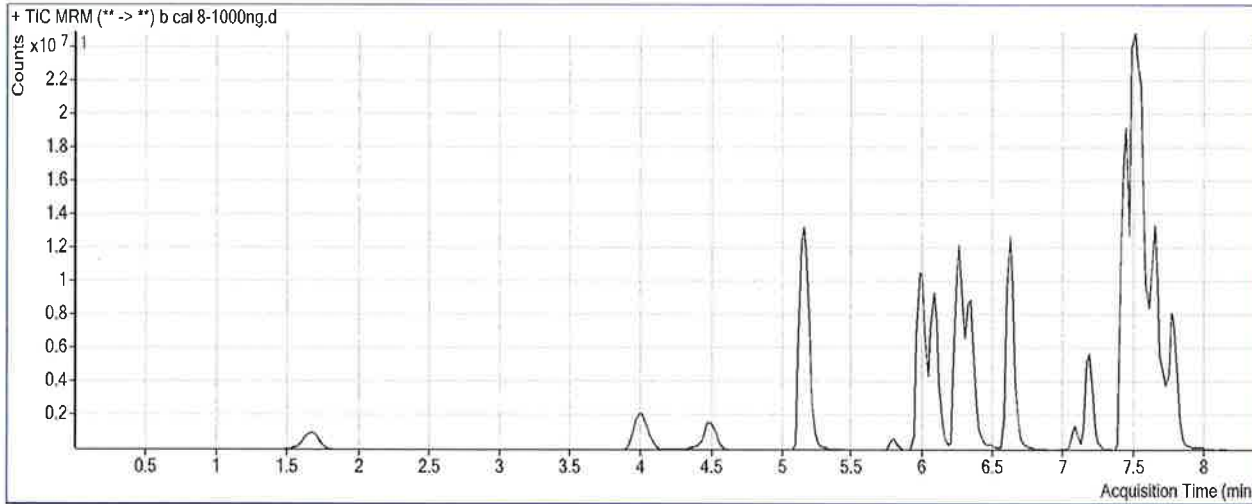
P

Batch Data Path C:\MassHunter\Data\2019\AM 28\012219 MDQ P1 SP\QuantResults\P1b.batch.bin
Analysis Time 1/24/2019 9:28 AM **Analyst Name** datastor
Report Time 1/24/2019 9:37 AM **Reporter Name** datastor
Last Calib Update 1/24/2019 9:28 AM **Batch State** Processed

Analysis Info

Acq Time 2019-01-22 17:50 **Data File** b cal 8-1000ng.d
Sample Type Calibration **Sample Name** b cal 8-1000ng.d
Dilution 1 **Acq Method** MD Quant Panel 1b 7-11-18.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	1.668	6888361	226928	30.3548	1047.0649
Dihydrocodeine	Dihydrocodeine-D6	3.990	6509939	347239	18.7477	861.5577
Noroxycodone	Noroxycodone-D3	4.493	7902036	237343	33.2937	1099.5099
O-desmethyl-tramadol	O-desmethyl-tramadol-D6	5.161	61167881	2714092	22.5371	1018.5010
Benzoylcegonine	Benzoylcegonine-d8	5.791	884682	27806	31.8161	1678.2158
Ketamine	Ketamine-D4	5.982	38408402	1370134	28.0326	1081.4799
Norfentanyl	Norfentanyl-D5	6.044	3117676	1265384	2.4638	101.9522
Cocaine	Cocaine-d3	6.252	14002290	1552493	9.0192	1073.0982
alpha-PVP	alpha-PVP-d8	6.348	20780867	1053235	19.7305	1057.0138
Mirtazapine	alpha-PVP-d8	6.624	28830790	1053235	27.3736	1291.6524
Norbuprenorphine	Norbuprenorphine-D3	6.994	63086	31747	1.9872	104.7055
Fentanyl	Fentanyl-D5	7.079	2413839	1127821	2.1403	113.1444
Mitragynine	Methadone-D9	7.156	8816574	2112955	4.1726	893.5549
EDDP	EDDP-D3	7.188	6902353	271521	25.4210	1024.5501
Quetiapine	Quetiapine-D8	7.418	41709670	530019	78.6947	907.7676
Cyclobenzaprine	Cyclobenzaprine-D3	7.472	15357076	541828	28.3431	1011.3700
Methadone	Methadone-D9	7.502	54769113	2112955	25.9206	829.2338
Fluoxetine	Fluoxetine-D6	7.542	37400284	1378867	27.1239	1020.5642
Oxazepam	Oxazepam-D5	7.588	2396825	122407	19.5808	1096.1091

ISP FORENSICS - Pocatello Instrument # 59740

Multi-Drug Confirmatory Analysis Report *b cal 8*

B

Compound	ISTD Compound	RT	Response	ISTD Resp	Resp Ratio	Final Conc
Sertraline	Sertraline-D3	7.625	10503707	458015	22.9331	1112.5897
Temazepam	Temazepam-D5	7.647	23129687	969136	23.8663	1123.4075
Buprenorphine	Buprenorphine-D4	7.677	1598884	259208	6.1683	183.6560
Nordiazepam	Nordiazepam-D5	7.735	7372026	166105	44.3816	1083.6374
Diazepam	Diazepam-D5	7.771	12225908	444731	27.4906	1031.7415