

















Worklist: 6048

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-2004	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-2128	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-2290	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-2291	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-3003	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1643	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1665	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1665	5	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1671	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1683	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1761	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1794	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1802	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1877	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1892	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
** P2022-2199	7	BCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

** P2022-2199 was logged as a blood collection kit that contained a urine sample.

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: **2/3/2022**

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation “Addition of Compounds/Modifications for the MDS” (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation “Addition of Compounds/Modifications for the MDS” (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022



**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): **TOX-22-02**

Date of Request:

03/02/2022

Requestor/Discipline:

Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #:

Toxicology AM #25, AM #26, and AM #27, Revision 13

Temporary or Permanent Deviation:

Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc):

Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual):

Toxicology AM #25 3.3.1.1 Internal standards are prepared by the ToxBox plate manufacturer and contained on the 96 well plate. If the run contains urine samples, a positive external urine control must also be run.

Toxicology AM #26 3.3.2 A negative control will be run with each extraction. If the run contains urine samples, a negative urine control and external positive urine control must also be included.

Toxicology AM #27 3.3.2 A negative control will be run with each extraction. If the run contains urine samples, a negative urine control and positive external urine control will also be included in the run.

The deviation is to include the option of using an internal urine control in lieu of an external urine control.

Technical Justification for Analytical Method Deviations:

Internal controls serve the same purpose as external controls but also helps to avoid the possible issues that can occur with using external controls (incorrect spiking, incorrect preparation, evaporation of compounds, etc.). If these errors occur, runs need to be repeated and this wastes time, sample, and supplies.

Technical Review

Departure approved

Comments:

Departure Not Approved

Comments:



Approver: Rachel Cutler

Date: 3/2/22

Title: Lab Manager

Quality Review

Quality Approver: Jason Crowe

Title: Quality Manager

Date: 3/2/2022



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

TS

Extraction Date: 07/27/2022

Plate lot#: 220324

Mobile phase A: 5mM Amm Form + 0.01% FA

Blank Blood Lot: Lampire 22B52015-1

Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

Analyst: Tamara Salazar

Plate Retest Date: 09/24/2022

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

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. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. ~~Place on shaking incubator at ambient temp., 900rpm for 15 minutes. -Skipped per deviation~~
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)**
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate.**
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 13. Add **900uL ethyl acetate.**
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 18. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 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? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS:

Curves Limited:

7-aminoclonazepam: 5-500 (calibrator 8 dropped due to accuracy)
Alpha-hydroxyalprazolam: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Amphetamine: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Clonazepam: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Dihydrocodeine: 5-500 (calibrator 8 dropped due to accuracy)

Etizolam: 5-500 (calibrator 8 dropped due to accuracy)
Lamotrigine: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Lorazepam: 5-100 (calibrators 6, 7, & 8 dropped due to accuracy)
MDA: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Meprobamate: 5-250 (calibrators 7 & 8 dropped due to accuracy)
Methamphetamine: 5-500 (calibrator 8 dropped due to accuracy)
Metoprolol: 5-500 (calibrator 8 dropped due to accuracy)
Norfentanyl: 0.5-50 (calibrator 8 dropped due to accuracy)
Norhydrocodone: 5-500 (calibrator 8 dropped due to accuracy)
Phentermine: 5-500 (calibrator 8 dropped due to accuracy)

M2022-2128-2 not evaluated for 6-MAM and MDA due to low internal standard response.

P2022-1665-4 not evaluated for 6-MAM, and MDA due to low internal standard response.

M2022-2291-2 not evaluated for BZE due to low internal standard response.

P2022-2290-3 not evaluated for norfentanyl due to positive response in preceding blank.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-2128-2	P2022-1683-3	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2022-2290-3	P2022-1761-1	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2022-2291-2	P2022-1794-1	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	M2022-3003-3	P2022-1802-2	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2022-1643-1	P2022-1877-1	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2022-1665-4	P2022-1892-1	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	Neg Urine	P2022-1665-5	P2022-2199-7	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2022-2004-4	P2022-1671-1	IS + Sample	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

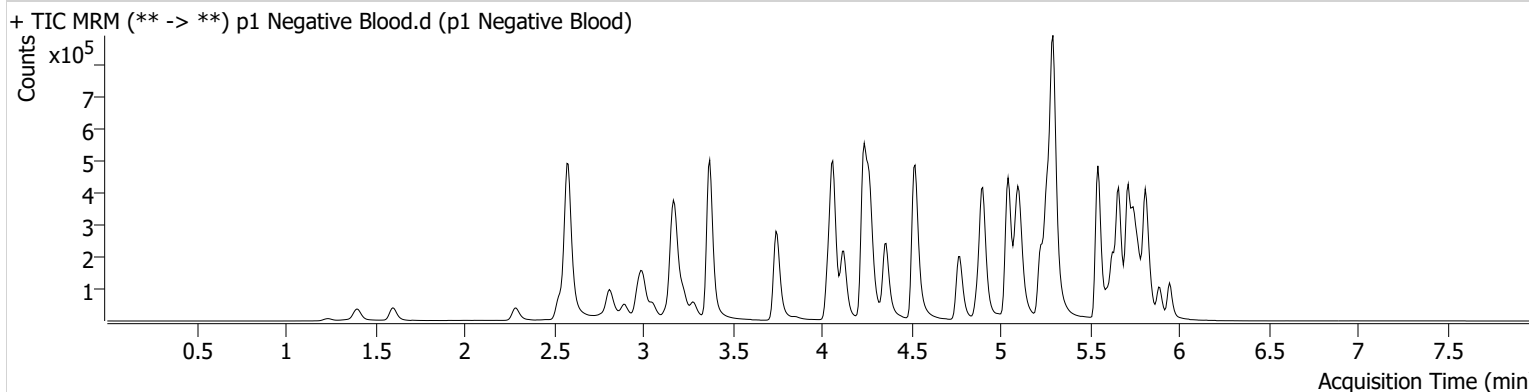


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2022 12:57:12 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Methamphetamine	3.227	107748	254.34	39.1	156.77	815486	3.5747 ng/ml <20

TS

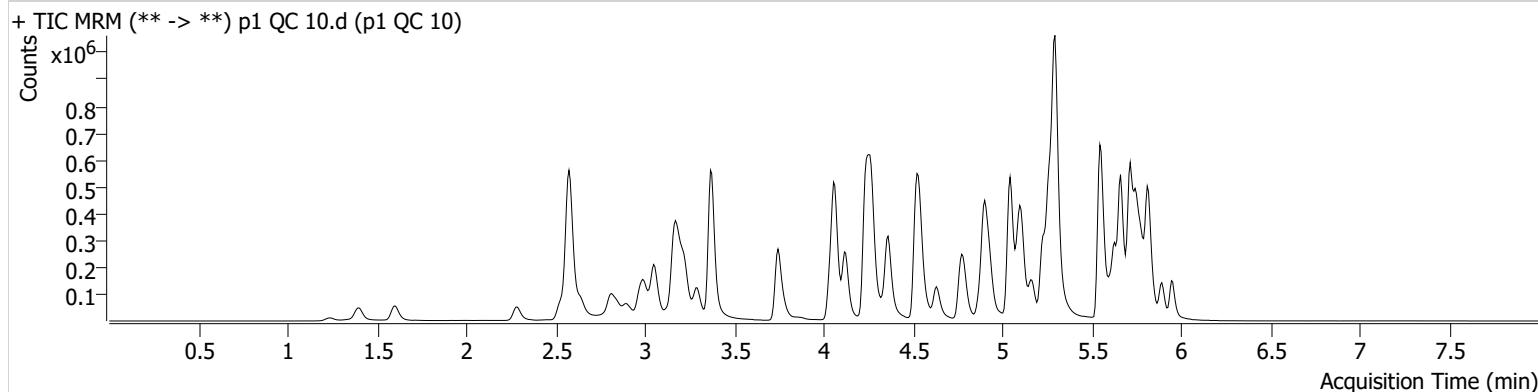


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 11:11:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	2218	217.88	76.1	3963.86	56972	0.9662 ng/ml
7-aminoclonazepam	4.256	39671	1372.34	71.7	140.44	143759	10.5244 ng/ml
a-hydroxyalprazolam	5.692	23587	240.14	64.9	444.09	255691	10.5752 ng/ml
alpha-PHP	4.936	43357	1251.55	257.3	6576.83	574452	10.3713 ng/ml
alpha-PVP	4.368	154987	682.51	49.9	20641.28	574452	9.8854 ng/ml
Alprazolam	5.776	72942	338.57	108.3	2310.15	255691	9.7696 ng/ml
Amphetamine	3.051	313558	5900.44	46.3	985.12	314844	10.5827 ng/ml
Benzoylcegonine	3.877	3685	208.63	8.2	219.04	11579	11.0442 ng/ml
Buprenorphine	5.853	4074	242.48	17.7	1302.73	143715	0.9686 ng/ml
Bupropion	4.787	153929	5912.58	67.1	200.35	532717	9.8441 ng/ml
Carisoprodol	5.724	82678	271436.30	62.8	131.27	384723	9.7711 ng/ml
Citalopram	5.225	124268	767.38	34.3	430.59	545992	10.2267 ng/ml
Clonazepam	5.605	77700	459.77	34.7	121.66	107728	9.8544 ng/ml
Clonazepam	5.549	52753	104358.45	37.1	22260.52	107728	9.9539 ng/ml
Cocaine	4.262	97869	240.58	56.9	104.34	799012	9.7044 ng/ml
Codeine	2.580	11722	598.37	99.6	3973.88	57869	10.2637 ng/ml
Cyclobenzaprine	5.628	96813	168.39	8.4	164.14	406579	9.7072 ng/ml
Dextromethorphan	5.275	68103	860.15	83.6	10950.21	282846	10.0181 ng/ml
Dextrophan	4.123	42348	1393.10	198.0	546.55	430637	10.0357 ng/ml
Diazepam	5.954	47989	445.75	90.9	331.45	208284	10.3857 ng/ml
Dihydrocodeine	2.559	29729	721.78	68.5	2019.46	171320	10.6273 ng/ml
Diphenhydramine	5.295	324319	273.34	31.8	209.40	1905989	10.4359 ng/ml
Doxylamine	4.542	284498	1952.32	99.6	7514.56	1275102	9.8253 ng/ml
EDDP	5.261	131248	291.49	41.7	171.70	718978	9.5276 ng/ml
Etizolam	5.814	35037	72578.36	27.1	1690.87	107728	9.1930 ng/ml
Fentanyl	5.102	11707	244.26	65.9	46.33	599557	1.0566 ng/ml
Flualprazolam	5.699	30765	326.69	97.9	1837.05	255691	10.5817 ng/ml
Fluoxetine	5.714	126604	5387.80	8.3	135.56	474539	9.9724 ng/ml
Hydrocodone	3.027	47372	214.40	36.2	47.39	268046	10.3203 ng/ml
Hydromorphone	1.608	36734	28.93	83.0	186618.13	122989	9.1974 ng/ml
Ketamine	4.056	106370	5468.08	34.1	118.99	452597	10.0698 ng/ml
Lamotrigine	4.285	8648	351.60	87.6	14069.89	452597	9.6777 ng/ml
Levetiracetam	2.644	45948	1114.83	160.2	381.94	1347374	9.6800 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	68444	2828.71	55.7	206.44	107728	10.1116 ng/ml
MDA	3.199	178764	569.53	30.4	74.22	393737	10.6468 ng/ml
MDMA	3.292	102828	595.46	89.9	845.98	104833	9.8562 ng/ml
Meprobamate	4.896	46381	404.35	28.8	1328.64	237935	10.6788 ng/ml
Methadone	5.660	182007	600.49	62.4	1267.78	780054	9.6117 ng/ml
Methamphetamine	3.227	287962	674.80	38.4	655.10	766926	14.4137 ng/ml
Metoprolol	4.331	30436	1301.07	96.0	3251.03	1151728	10.4195 ng/ml
Mirtazapine	4.630	196313	5087.30	54.1	807.14	574452	9.8230 ng/ml
Mitragynine	5.236	46629	5247.76	35.3	205.56	780054	10.3910 ng/ml
Morphine	1.240	4864	62.32	29.8	56.42	7803	8.3977 ng/ml
Norbuprenorphine	4.998	491	35.05	95.3	80.53	19987	0.9176 ng/ml
Nordiazepam	5.900	54355	502.82	54.1	794.74	176012	10.1834 ng/ml
Norfentanyl	4.084	24587	476.27	38.1	104.28	1003107	0.9572 ng/ml
Norhydrocodone	3.068	7360	57.25	38.0	69.38	67938	9.5771 ng/ml
Noroxycodone	2.918	45555	568.84	48.4	826.57	133496	10.2271 ng/ml
O-desmethyl-tramadol	3.372	232945	5460.97	6.0	145.80	1209573	9.7165 ng/ml
Oxazepam	5.750	86250	832.86	71.1	149.97	484054	10.2388 ng/ml
Oxycodone	2.836	87730	181.90	30.0	257.03	307186	10.8218 ng/ml
Oxymorphone	1.398	39725	∞	47.1	279.23	119532	10.2706 ng/ml
Phentermine	3.780	61274	250.50	5.4	241.34	730013	10.1955 ng/ml
Promethazine	5.545	228702	∞	31.1	199.99	980063	9.9419 ng/ml
Pseudoephedrine	2.583	264686	769.15	17.3	2839.16	1347374	9.6027 ng/ml
Quetiapine	5.562	136446	8014.00	56.3	154.30	188859	9.7186 ng/ml
Sertraline	5.790	39567	410.00	97.0	5150.60	168804	10.0356 ng/ml
Temazepam	5.817	143640	926.23	27.6	225.46	692551	9.6718 ng/ml
Tramadol	4.244	252752	969.48	3.4	72.48	1151728	10.0687 ng/ml
Trazodone	5.162	145105	4897.10	80.2	1224.78	583182	10.4119 ng/ml
Venlafaxine	5.043	217448	4123.17	32.5	452.55	1103527	9.9554 ng/ml
Zolpidem	4.920	205810	2519.27	30.9	1177.11	947451	10.6370 ng/ml

TS

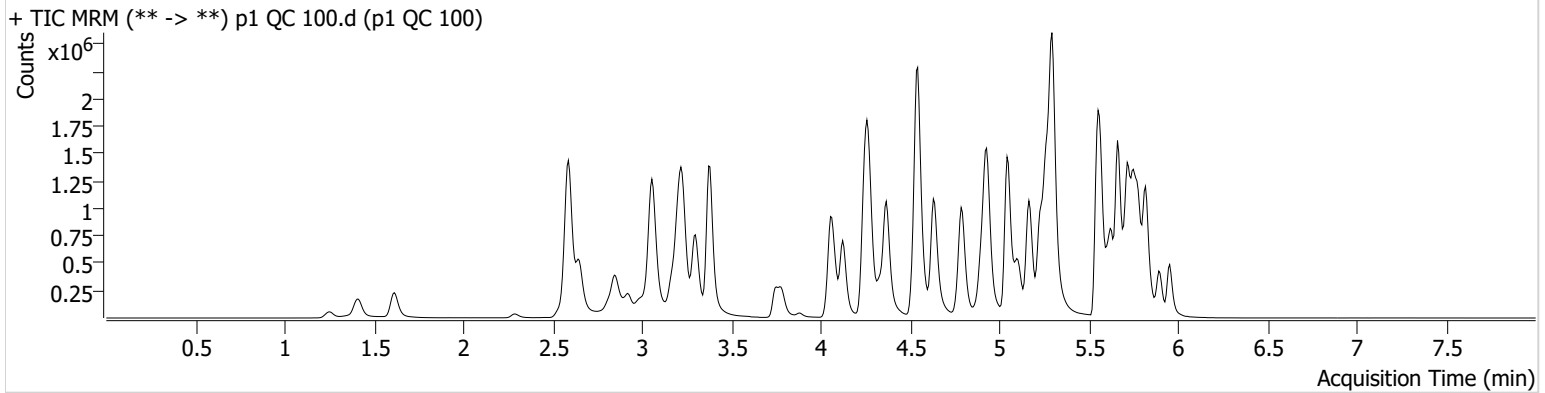


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2022 7:19:22 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	22271	467.49	70.2	11292.70	56331	9.9533 ng/ml
7-aminoclonazepam	4.263	279360	7018.73	73.3	1691.47	109678	104.3564 ng/ml
a-hydroxyalprazolam	5.692	175916	632.46	67.5	359.19	220598	102.1885 ng/ml
alpha-PPH	4.936	377802	6460.62	263.8	82367.69	533110	105.4497 ng/ml
alpha-PVP	4.368	1446636	2959.93	51.2	47283.18	533110	98.9081 ng/ml
Alprazolam	5.776	655577	2591.41	106.7	1279.26	220598	101.5439 ng/ml
Amphetamine	3.058	2517591	1885.01	46.2	3008.46	304165	98.8199 ng/ml
Benzoylecgonine	3.884	34863	5410.64	7.7	93.24	12168	99.6870 ng/ml
Buprenorphine	5.853	39552	14146.63	15.5	8124.80	132601	9.3393 ng/ml
Bupropion	4.787	1447809	176628.95	68.3	17034.46	516073	98.2119 ng/ml
Carisoprodol	5.724	662591	58963.66	60.8	8386.29	292819	100.3352 ng/ml
Citalopram	5.225	1109523	21128.44	34.3	1150.15	482462	101.8840 ng/ml
Clonazepam	5.605	637865	32853.32	34.7	519.54	89081	107.2858 ng/ml
Clonazepam	5.549	423019	689753.33	36.5	326892.03	89081	105.8970 ng/ml
Cocaine	4.269	883306	15948.67	57.4	35915.52	731857	98.5339 ng/ml
Codeine	2.594	104943	6341.38	103.2	317.39	53801	108.5130 ng/ml
Cyclobenzaprine	5.628	774656	1170.65	8.1	2423.80	310073	95.4348 ng/ml
Dextromethorphan	5.275	572494	18203.83	83.9	10693.70	238078	99.8931 ng/ml
Dextrophan	4.123	408557	1199.58	198.7	1777.85	405270	100.0956 ng/ml
Diazepam	5.954	429297	2064.54	89.2	567.46	189162	106.4078 ng/ml
Dihydrocodeine	2.566	277144	558.28	69.1	6761.99	170790	107.1038 ng/ml
Diphenhydramine	5.295	2964850	58095.95	32.0	60771.06	1666854	105.5240 ng/ml
Doxylamine	4.542	2898049	134183.54	98.7	19417.80	1248511	103.0333 ng/ml
EDDP	5.261	1162509	17694.55	41.6	71564.14	632174	93.8745 ng/ml
Etizolam	5.814	326321	4379.14	27.3	181784.41	89081	98.4328 ng/ml
Fentanyl	5.109	105528	331.55	66.9	175663.30	549700	10.1428 ng/ml
Flualprazolam	5.699	266437	1928.29	100.9	31056.02	220598	113.8862 ng/ml
Fluoxetine	5.721	736463	58198.85	8.0	298.03	276651	95.2606 ng/ml
Hydrocodone	3.027	425257	∞	38.4	342.41	254631	103.9881 ng/ml
Hydromorphone	1.615	377094	127070.66	77.9	1446007.49	117087	99.4864 ng/ml
Ketamine	4.056	1000235	105576.74	34.5	866.36	431155	104.3686 ng/ml
Lamotrigine	4.285	76346	10228.04	91.2	43974.54	431155	100.2534 ng/ml
Levetiracetam	2.651	431390	5714.64	162.3	1647.03	1218458	97.4829 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	452777	38231.86	52.3	1120.37	89081	93.2881 ng/ml
MDA	3.205	1435527	1311.94	29.3	735.40	346781	104.8995 ng/ml
MDMA	3.299	965476	1459334.11	91.7	3170.50	96117	101.7010 ng/ml
Meprobamate	4.903	389168	43247.10	27.7	558.27	224184	102.3083 ng/ml
Methadone	5.659	1664971	33208.96	59.3	17925.52	678590	97.2562 ng/ml
Methamphetamine	3.227	1907157	13788.92	38.4	1903.34	772624	107.6358 ng/ml
Metoprolol	4.331	277144	7340.83	97.5	4958.40	1119482	103.7678 ng/ml
Mirtazapine	4.630	1868336	8678.19	52.9	20233.28	533110	97.6567 ng/ml
Mitragynine	5.236	401936	372948.10	36.2	344.81	678590	108.0368 ng/ml
Morphine	1.253	54140	249.59	28.5	40.13	7910	98.3720 ng/ml
Norbuprenorphine	4.998	4254	4456.97	99.2	∞	18927	9.7795 ng/ml
Nordiazepam	5.900	448815	1956.80	54.2	770.52	149147	102.0992 ng/ml
Norfentanyl	4.090	235272	5309.64	35.9	1218.00	936360	9.4710 ng/ml
Norhydrocodone	3.075	60405	2116.21	39.2	59.91	50620	95.6223 ng/ml
Noroxycodone	2.918	388036	553.65	48.6	620.44	119281	99.0311 ng/ml
O-desmethyl-tramadol	3.379	2288350	1827.01	6.0	8050.07	1162970	97.3079 ng/ml
Oxazepam	5.750	633852	6770.87	72.0	2833.27	350936	107.6114 ng/ml
Oxycodone	2.843	811167	2248.36	30.3	6136.30	301854	109.8042 ng/ml
Oxymorphone	1.411	362311	750.12	47.9	∞	117232	97.7710 ng/ml
Phentermine	3.780	565565	1972.58	5.4	169.78	711951	106.5137 ng/ml
Promethazine	5.545	1799596	1148.19	30.7	558.89	760152	97.6511 ng/ml
Pseudoephedrine	2.590	2486217	22845.32	17.1	56748.81	1218458	97.1965 ng/ml
Quetiapine	5.562	1166376	70210.44	60.6	90276.53	171940	96.6061 ng/ml
Sertraline	5.790	210093	428.78	95.2	824.43	89296	97.9435 ng/ml
Temazepam	5.817	1137167	1800.80	26.9	1017.62	547902	96.8843 ng/ml
Tramadol	4.251	2374320	2348.00	3.4	381.10	1119482	101.5307 ng/ml
Trazodone	5.162	1302533	829.26	81.5	77379.56	531946	108.8973 ng/ml
Venlafaxine	5.043	2112032	3459.31	31.8	804.60	1050446	100.3560 ng/ml
Zolpidem	4.920	1968075	580676.36	29.5	940022.68	936282	110.1250 ng/ml

TS

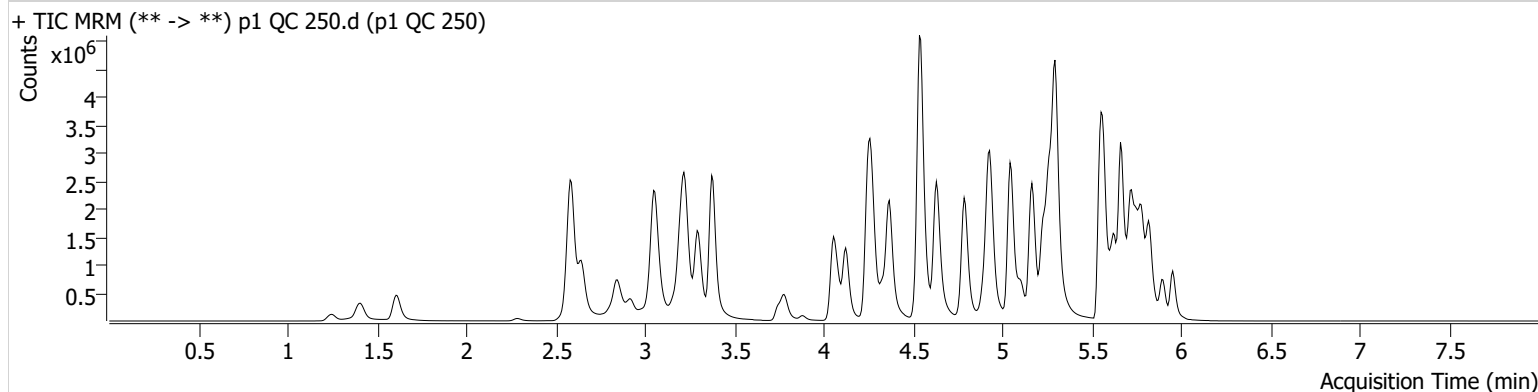


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 7/27/2022 11:32:17 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	53052	15135.65	68.5	68737.57	52465	25.4804 ng/ml
7-aminoclonazepam	4.263	539568	4714.09	70.8	284.92	87264	254.5816 ng/ml
a-hydroxyalprazolam	5.692	286393	172.34	67.0	2973.88	182657	202.2811 ng/ml
alpha-PHP	4.936	827622	69768.30	260.2	100342.59	494608	250.2920 ng/ml
alpha-PVP	4.368	3362741	273925.14	51.3	142100.14	494608	247.7257 ng/ml
Alprazolam	5.776	1348103	1785.03	105.1	1371.71	182657	252.1481 ng/ml
Amphetamine	3.058	4905445	806.65	46.2	2363.58	287144	205.5423 ng/ml
Benzoylecgonine	3.877	85163	615.67	8.2	56711.25	11503	257.6499 ng/ml
Buprenorphine	5.853	96919	12487.58	15.7	13897.22	119087	25.3268 ng/ml
Bupropion	4.787	3408596	180970.13	68.5	64451.60	482952	247.5373 ng/ml
Carisoprodol	5.724	1108845	1152154.99	62.3	6419.04	197166	248.9736 ng/ml
Citalopram	5.225	2372069	44094.11	34.7	383.46	409059	256.6637 ng/ml
Clonazepam	5.605	1198956	2601.56	34.5	45918.67	70870	254.9202 ng/ml
Clonazepam	5.549	710879	47901.15	38.1	479884.01	70870	224.8859 ng/ml
Cocaine	4.269	1954020	773.55	56.8	28073.61	640679	249.4965 ng/ml
Codeine	2.587	205346	4212.96	99.7	20230.67	47460	242.0651 ng/ml
Cyclobenzaprine	5.628	1835134	65834.49	7.9	68446.89	275782	253.0693 ng/ml
Dextromethorphan	5.275	1193889	77721.53	83.3	63106.49	201817	245.7220 ng/ml
Dextrophan	4.123	929774	69754.63	198.2	∞	359356	256.4254 ng/ml
Diazepam	5.954	914358	12503.01	89.2	650.06	162265	264.8930 ng/ml
Dihydrocodeine	2.559	612790	482.70	69.9	9861.55	165148	246.0975 ng/ml
Diphenhydramine	5.295	6657520	95144.50	31.3	32314.21	1441868	273.3240 ng/ml
Doxylamine	4.535	7035804	118701.03	96.2	38644.18	1190943	262.3667 ng/ml
EDDP	5.261	2614640	31909.97	41.3	91218.06	563391	236.5604 ng/ml
Etizolam	5.814	674893	21747.70	26.8	1533.48	70870	255.0931 ng/ml
Fentanyl	5.109	257760	41884.04	65.4	68037.30	538488	25.2486 ng/ml
Flualprazolam	5.699	498630	3932.38	104.2	18490.05	182657	258.4753 ng/ml
Fluoxetine	5.721	1708839	68328.47	7.8	37369.10	240231	253.7560 ng/ml
Hydrocodone	3.021	912210	246.31	38.7	374.93	234604	243.1207 ng/ml
Hydromorphone	1.608	862643	3016657.81	78.3	10097.18	106419	250.4476 ng/ml
Ketamine	4.056	2286513	55425.01	34.0	1277.08	412431	250.1942 ng/ml
Lamotrigine	4.285	157116	12345.28	88.4	1655.45	412431	217.1532 ng/ml
Levetiracetam	2.644	911750	1130.01	164.2	1022.00	1033535	242.4161 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	598761	16429.62	54.6	2409.87	70870	156.2390 ng/ml
MDA	3.199	2665304	3648.15	28.3	2049.64	290202	233.9110 ng/ml
MDMA	3.292	2190942	7135.83	90.0	3691.99	88158	251.7451 ng/ml
Meprobamate	4.896	706711	30089.61	27.5	12905.95	192386	217.5121 ng/ml
Methadone	5.659	3891521	76962.40	57.5	35273.99	605944	253.9199 ng/ml
Methamphetamine	3.227	4243493	25563.98	38.0	1304.17	763731	245.1725 ng/ml
Metoprolol	4.331	591511	5010.87	98.5	7130.87	980652	253.8834 ng/ml
Mirtazapine	4.630	4358230	94301.88	52.8	5051.72	494608	245.0307 ng/ml
Mitragynine	5.236	850952	1727.25	36.8	5429.63	605944	256.9308 ng/ml
Morphine	1.247	126481	1549.03	27.6	1176.27	7349	248.2924 ng/ml
Norbuprenorphine	4.998	10436	908.36	93.4	6292.87	18360	24.9942 ng/ml
Nordiazepam	5.900	906557	4794.54	53.8	3525.59	121991	252.6189 ng/ml
Norfentanyl	4.084	555063	24700.89	36.3	3831.81	811933	25.7051 ng/ml
Norhydrocodone	3.075	136244	1732.82	39.3	395.73	39309	275.8639 ng/ml
Noroxycodone	2.918	748418	7508.83	47.7	∞	89144	255.8622 ng/ml
O-desmethyl-tramadol	3.372	5404840	336873.94	5.9	14944.53	1066468	250.2914 ng/ml
Oxazepam	5.750	924820	16367.73	73.5	3016.62	215528	256.2288 ng/ml
Oxycodone	2.836	1756162	805.17	30.8	562.82	280832	256.7777 ng/ml
Oxymorphone	1.405	799191	∞	46.7	∞	101697	249.0304 ng/ml
Phentermine	3.780	1196988	∞	5.1	∞	663568	243.3720 ng/ml
Promethazine	5.545	4495812	93410.89	29.7	5064.91	719575	257.1365 ng/ml
Pseudoephedrine	2.590	5509644	33260.46	16.8	66713.27	1033535	253.4966 ng/ml
Quetiapine	5.562	2569258	223271.52	59.8	209431.43	151337	242.7297 ng/ml
Sertraline	5.790	530204	425.42	93.3	567.35	86018	256.0959 ng/ml
Temazepam	5.824	1974268	428.08	27.3	253.19	387979	237.5523 ng/ml
Tramadol	4.244	5351585	5608.80	3.3	1409.12	980652	262.0085 ng/ml
Trazodone	5.162	3099733	1304.31	82.2	988.77	524716	263.7491 ng/ml
Venlafaxine	5.043	4987729	2960.08	30.7	769.62	957721	259.7324 ng/ml
Zolpidem	4.920	4302013	143915.14	29.3	211563.32	861314	262.8154 ng/ml

*Outside curve range

TS

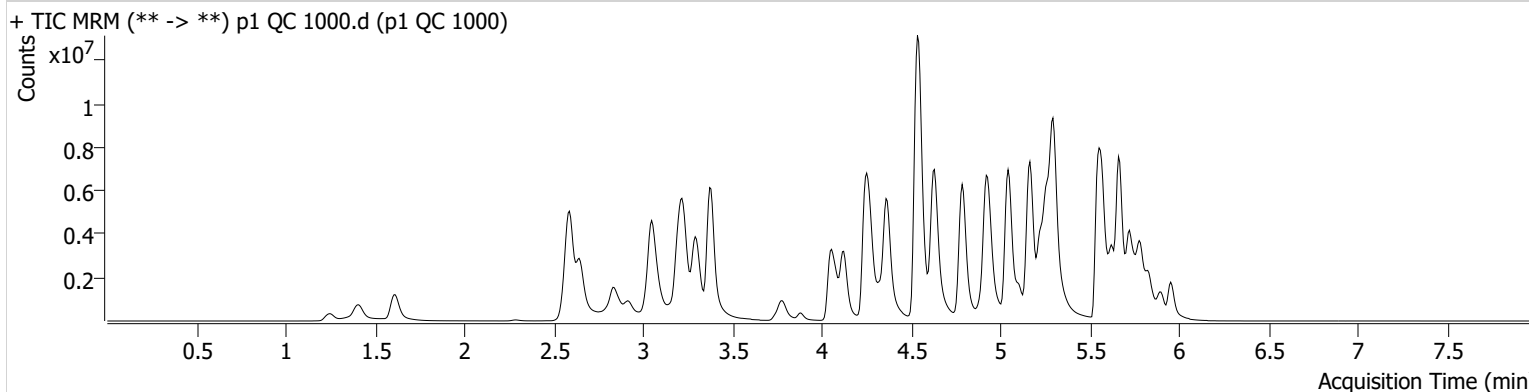


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 11:53:31 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	187126	1235226.14	70.4	4182.45	46701	101.0134 ng/ml
* 7-aminoclonazepam	4.263	783663	1477.31	72.0	∞	44063	733.9083 ng/ml
* a-hydroxyalprazolam	5.685	360081	796.36	66.6	616.55	102633	454.3735 ng/ml
alpha-PHP	4.936	2069638	63559.94	264.8	171568.03	366169	847.7390 ng/ml
alpha-PVP	4.368	10379112	829.08	51.3	2056.81	366169	1032.6227 ng/ml
Alprazolam	5.776	2939797	1217.32	104.5	836.82	102633	978.5173 ng/ml
* Amphetamine	3.051	10538503	62950.82	46.3	71939.06	244955	519.8831 ng/ml
Benzoylcegonine	3.877	355652	58136.42	8.2	3979.69	11803	1048.6394 ng/ml
Buprenorphine	5.853	354828	33748.67	15.2	56208.10	91785	119.9680 ng/ml
Bupropion	4.787	11162606	195390.94	66.7	80444.62	418574	936.1668 ng/ml
Carisoprodol	5.731	1644262	6103311.77	61.7	10969.10	64791	1122.5505 ng/ml
Citalopram	5.218	5489532	58709.50	34.0	206711.32	238752	1017.2103 ng/ml
Clonazepam	5.605	1909071	1072158.88	34.1	48489.53	35321	816.7482 ng/ml
* Clonazepam	5.542	881159	226565.52	38.9	415645.25	35321	560.9065 ng/ml
Cocaine	4.269	5161329	827.06	56.7	707.78	413078	1023.1456 ng/ml
Codeine	2.587	449158	5033.19	97.8	9929.66	32811	768.3076 ng/ml
Cyclobenzaprine	5.628	4917414	48616.17	7.5	34738.11	174495	1069.5591 ng/ml
Dextromethorphan	5.275	2541875	142919.01	82.0	48174.14	105822	997.6831 ng/ml
Dextrophan	4.123	2777900	3619101.30	202.4	26669.83	256561	1072.1275 ng/ml
Diazepam	5.954	2311236	1109.78	87.3	593.50	103680	1049.2942 ng/ml
* Dihydrocodeine	2.552	1689170	30462.69	70.2	8722.86	154833	725.3633 ng/ml
Diphenhydramine	5.295	16685449	206082.88	31.9	26194.95	884691	1115.2808 ng/ml
Doxylamine	4.535	21751102	295099.54	96.7	511009.55	1020748	946.5692 ng/ml
EDDP	5.261	7942624	88058.82	40.3	55488.55	394524	1025.4229 ng/ml
* Etizolam	5.814	1644872	37081.75	26.7	261558.47	35321	1245.5132 ng/ml
Fentanyl	5.102	1034334	3342.61	64.9	3412701.19	512281	106.4108 ng/ml
Flualprazolam	5.699	925952	23275.77	112.1	120368.29	102633	856.1910 ng/ml
Fluoxetine	5.721	3825057	345808.65	7.6	16364.42	125962	1081.7400 ng/ml
Hydrocodone	3.021	2717147	1164.89	40.4	675.35	194521	875.3754 ng/ml
Hydromorphone	1.608	2691406	13464529.51	78.3	7021342.00	84145	988.3230 ng/ml
Ketamine	4.049	6877689	∞	33.1	27096.28	346506	897.1940 ng/ml
* Lamotrigine	4.285	298625	3607.83	91.4	43856.36	346506	492.8751 ng/ml
Levetiracetam	2.651	2462936	12910.93	166.9	28620.94	621837	1087.2765 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.747	671421	666.09	54.3	2613.79	35321	353.7403 ng/ml
* MDA	3.192	4984917	87535.78	26.6	2306.01	186678	681.9320 ng/ml
MDMA	3.292	6117692	123743.10	86.3	2987.10	61470	1008.3840 ng/ml
* Meprobamate	4.896	1255504	16093.72	24.2	10407.05	139511	534.1976 ng/ml
Methadone	5.659	11284820	266491.38	56.8	95724.02	420198	1060.5430 ng/ml
* Methamphetamine	3.220	11914343	77578.85	36.6	101110.87	729931	724.7162 ng/ml
* Metoprolol	4.324	1382326	6240.77	101.9	60365.72	779253	748.0800 ng/ml
Mirtazapine	4.630	13621753	564674.70	51.5	196774.44	366169	1033.4107 ng/ml
Mitragynine	5.236	2029257	600.90	37.6	961689.48	420198	884.9305 ng/ml
Morphine	1.247	394904	∞	28.2	∞	6122	932.3075 ng/ml
Norbuprenorphine	4.998	37893	668.71	91.5	464.31	16855	99.3572 ng/ml
Nordiazepam	5.900	1728593	1714.47	53.8	729.09	62670	938.5228 ng/ml
* Norfentanyl	4.084	1749756	693.69	36.5	26222.59	481085	136.5987 ng/ml
* Norhydrocodone	3.075	468031	646.97	40.2	123.75	29262	1269.4497 ng/ml
Noroxycodone	2.918	1697713	5995.87	47.3	636.86	50484	1025.4030 ng/ml
O-desmethyl-tramadol	3.379	16595399	120712.73	5.8	28002.57	792312	1033.7643 ng/ml
Oxazepam	5.750	932638	9130.86	72.3	2736.66	58989	945.2151 ng/ml
Oxycodone	2.829	4598680	1724.16	30.7	2519.92	239232	791.2879 ng/ml
Oxymorphone	1.405	2279087	∞	49.6	2461.10	79149	913.2121 ng/ml
* Phentermine	3.780	3132226	∞	4.9	4124.25	598742	708.0454 ng/ml
Promethazine	5.545	13040270	3016.55	29.1	3132.73	517430	1036.1455 ng/ml
Pseudoephedrine	2.590	14401575	158232.09	16.2	285932.33	621837	1100.3980 ng/ml
Quetiapine	5.569	6432239	335490.27	59.8	6724281.62	103605	889.3474 ng/ml
Sertraline	5.790	1206617	671.47	91.0	35700.42	47423	1056.1798 ng/ml
Temazepam	5.831	2876755	27550.22	27.0	203.33	141049	952.1566 ng/ml
Tramadol	4.244	14588980	1397.46	3.3	441.71	779253	900.0489 ng/ml
Trazodone	5.162	9760535	481275.17	84.2	485914.69	513122	850.8819 ng/ml
Venlafaxine	5.043	15284917	7660.67	29.9	114484.87	698835	1090.3883 ng/ml
Zolpidem	4.920	11737540	353683.64	27.8	3941.21	714442	866.3694 ng/ml

*Outside curve range.

TS

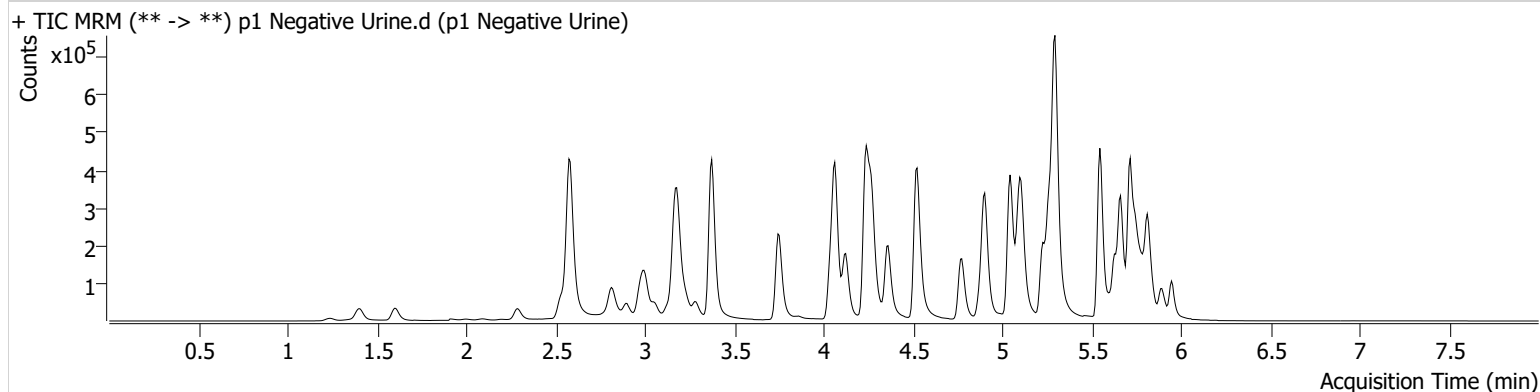


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G2	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2022 1:07:49 AM		
Sample Info.			

Sample Chromatogram



TS

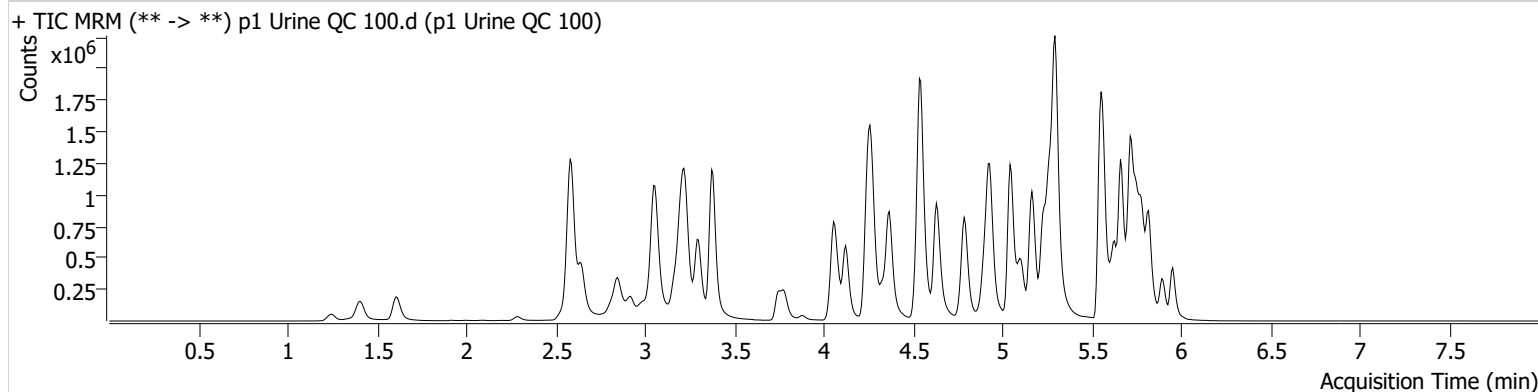


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Urine QC 100.d
Type	QC	Sample	p1 Urine QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	7/28/2022 12:35:58 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	18456	1259.20	70.9	432.77	46286	10.0383 ng/ml
7-aminoclonazepam	4.263	318941	291.22	71.7	2986.40	121520	107.5593 ng/ml
a-hydroxyalprazolam	5.692	136812	575.63	66.0	2184.24	174383	100.5121 ng/ml
alpha-PHP	4.936	290096	4415.40	253.6	11328.02	436727	98.7789 ng/ml
alpha-PVP	4.368	1178780	1363.63	51.2	551.78	436727	98.3814 ng/ml
Alprazolam	5.776	520868	844.51	105.9	1596.25	174383	102.0595 ng/ml
Amphetamine	3.058	2088380	904.01	48.0	12623.62	260616	95.6227 ng/ml
Benzoylecgonine	3.877	33843	382.67	7.8	256.42	11267	104.5058 ng/ml
Buprenorphine	5.853	28660	1556.94	15.7	9375.38	101509	8.8448 ng/ml
Bupropion	4.787	1166559	83151.68	68.6	16730.39	412067	99.1095 ng/ml
Carisoprodol	5.724	484340	1525.32	64.2	2066.85	223619	96.0508 ng/ml
Citalopram	5.225	985488	3802.24	34.0	497.79	426178	102.4447 ng/ml
Clonazepam	5.605	376698	3194.23	35.3	1296.48	50334	112.1810 ng/ml
Clonazepam	5.549	290038	4206.58	37.7	8598.57	50334	128.7308 ng/ml
Cocaine	4.269	716167	47998.50	58.0	9359.72	602373	97.0572 ng/ml
Codeine	2.587	85662	30.94	107.7	377.45	46333	102.7951 ng/ml
Cyclobenzaprine	5.628	660991	545.89	8.1	264.72	267029	94.5644 ng/ml
Dextromethorphan	5.275	525500	1675.28	82.5	6933.39	218795	99.7742 ng/ml
Dextrophan	4.123	343618	298.08	198.6	1118.10	342275	99.6812 ng/ml
Diazepam	5.954	362437	2408.66	90.5	5308.95	158820	107.0006 ng/ml
Dihydrocodeine	2.559	247278	3111.16	69.5	2514.11	154026	105.9532 ng/ml
Diphenhydramine	5.295	2570985	41801.36	32.4	2943.55	1474744	103.4333 ng/ml
Doxylamine	4.542	2435536	40681.75	97.0	1311.25	1036685	104.2836 ng/ml
EDDP	5.261	806719	634.83	42.2	17959.10	452659	90.9857 ng/ml
Etizolam	5.814	247266	5183.87	27.4	5277.33	50334	131.8341 ng/ml
Fentanyl	5.109	98819	4293.15	63.6	5306.42	514145	10.1547 ng/ml
Flualprazolam	5.699	209265	1920.21	105.4	7866.81	174383	113.1484 ng/ml
Fluoxetine	5.721	1172186	31320.48	8.0	371.29	430900	97.3349 ng/ml
Hydrocodone	3.027	351811	127.78	39.5	605.68	219239	99.8863 ng/ml
Hydromorphone	1.608	318633	1764676.27	77.4	1039996.75	99642	98.7803 ng/ml
Ketamine	4.056	823479	811.27	34.3	313.00	368312	100.5659 ng/ml
Lamotrigine	4.285	68563	1375.11	88.3	1831.13	368312	105.4601 ng/ml
Levetiracetam	2.644	354674	4396.72	166.0	7531.52	1068555	91.4106 ng/ml

TS



AM #28 Multi-Drug Quant. Results

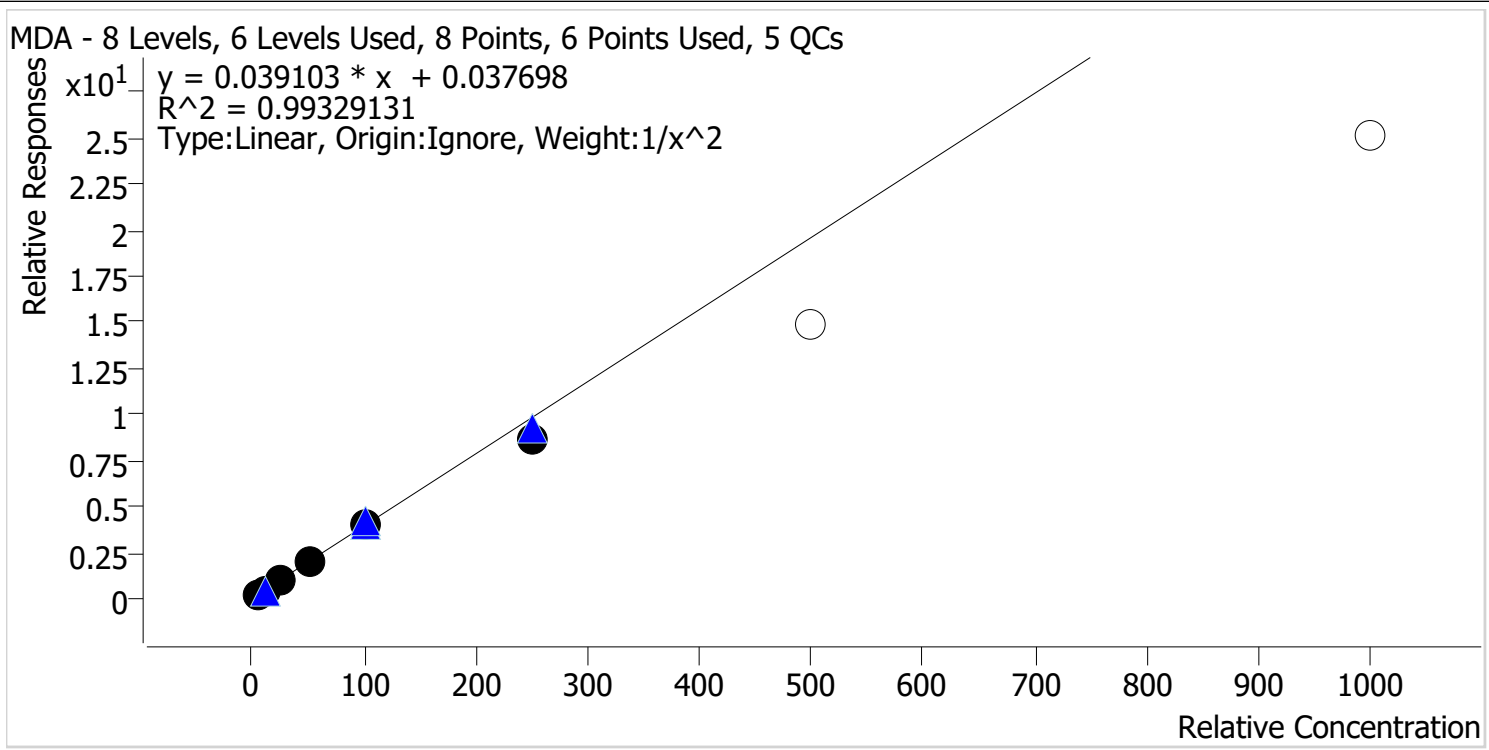
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	315888	5151.59	54.2	579.33	50334	115.6023 ng/ml
MDA	3.205	1246316	4127.26	29.1	1260.16	303606	104.0164 ng/ml
MDMA	3.299	817951	1356.83	90.4	1261.66	83133	99.6156 ng/ml
Meprobamate	4.903	284586	6167.95	28.9	3056.68	161514	103.8576 ng/ml
Methadone	5.659	1297396	3008.81	59.5	80781.21	554181	92.8165 ng/ml
Methamphetamine	3.227	1653659	1570.34	39.0	2464.81	665655	108.3415 ng/ml
Metoprolol	4.331	234506	1177.84	97.1	9439.08	950054	103.4598 ng/ml
Mirtazapine	4.630	1582381	1884.62	53.5	2310.40	436727	100.9523 ng/ml
Mitragynine	5.243	365523	4310.99	37.9	257933.13	554181	120.3700 ng/ml
Morphine	1.247	51013	1493.63	27.1	2373.98	7568	96.8723 ng/ml
Norbuprenorphine	4.998	3950	6907.70	96.3	502.43	15631	11.0172 ng/ml
Nordiazepam	5.900	342812	3770.19	53.8	1062.16	115673	100.5475 ng/ml
Norfentanyl	4.084	204013	844.35	36.1	336.94	794444	9.6789 ng/ml
Norhydrocodone	3.075	52560	289.44	37.5	75.07	43457	96.9046 ng/ml
Noroxycodone	2.918	338677	655.35	48.9	1534.57	104298	98.8507 ng/ml
O-desmethyl-tramadol	3.379	1940041	54769.33	6.2	576.03	995765	96.3513 ng/ml
Oxazepam	5.750	445669	416.93	73.0	251.15	255465	103.9248 ng/ml
Oxycodone	2.843	711724	565.56	30.5	940.86	267898	108.5433 ng/ml
Oxymorphone	1.405	337646	∞	46.1	5817.99	105454	101.3010 ng/ml
Phentermine	3.780	489946	747.19	5.1	320.04	594851	110.4803 ng/ml
Promethazine	5.545	1830247	728.39	30.6	502.07	779375	96.8676 ng/ml
Pseudoephedrine	2.590	2188067	994.05	17.3	627.82	1068555	97.5398 ng/ml
Quetiapine	5.562	998634	42498.98	59.7	20546.25	150080	94.7481 ng/ml
Sertraline	5.790	253956	346.20	95.9	450.19	109945	96.1623 ng/ml
Temazepam	5.817	750447	1190.27	27.2	109.02	368117	95.1625 ng/ml
Tramadol	4.251	1986942	1116.41	3.5	185.52	950054	100.1112 ng/ml
Trazodone	5.162	1250219	45615.03	81.6	5128.40	510964	108.8151 ng/ml
Venlafaxine	5.043	1764433	5121.72	32.1	531.80	891287	98.8127 ng/ml
Zolpidem	4.920	1639335	154598.60	30.1	864.59	769874	111.5683 ng/ml

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	221.8	88.7
p1 Cal 7-500ng	7	✗	500.0	379.0	75.8
p1 Cal 8-1000ng	8	✗	1000.0	643.4	64.3

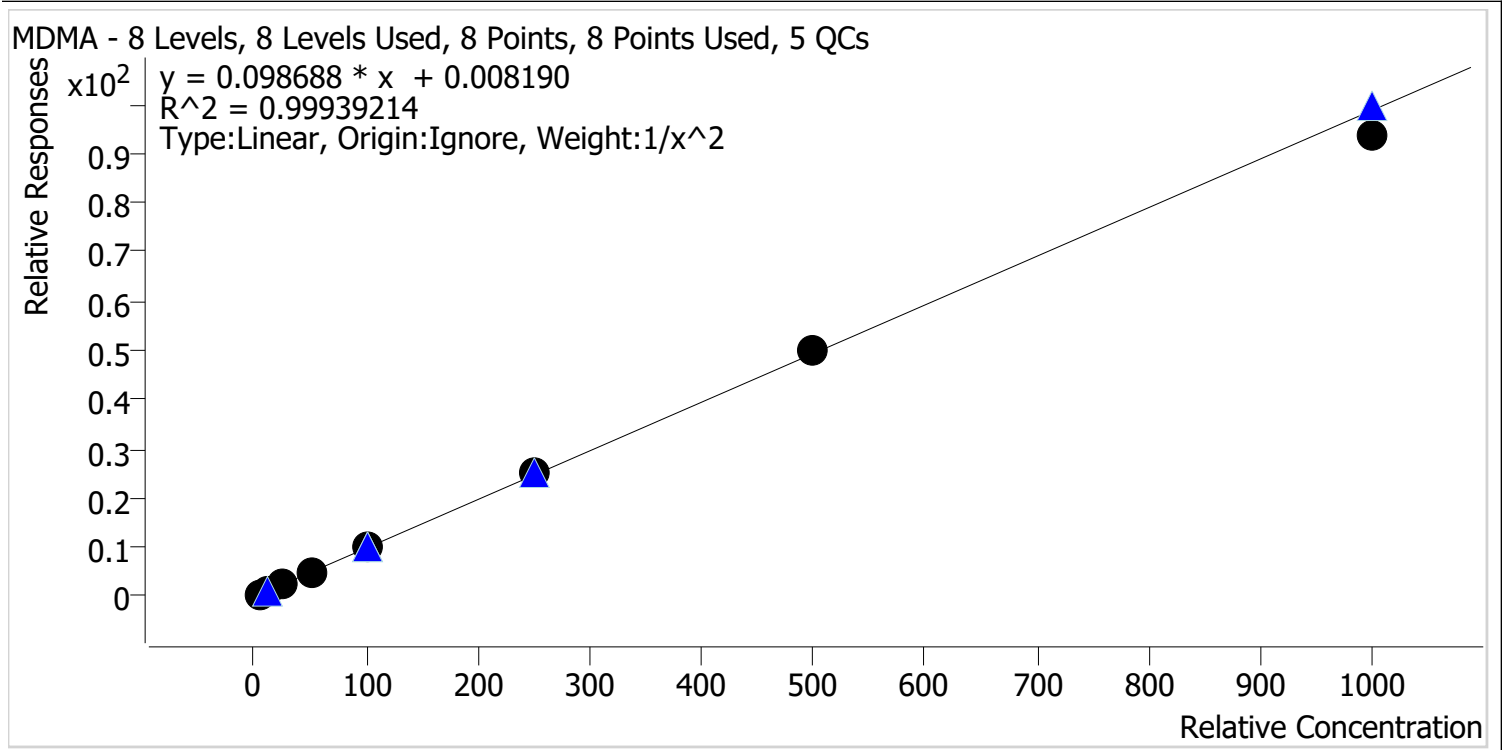
Calibrators 7 & 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



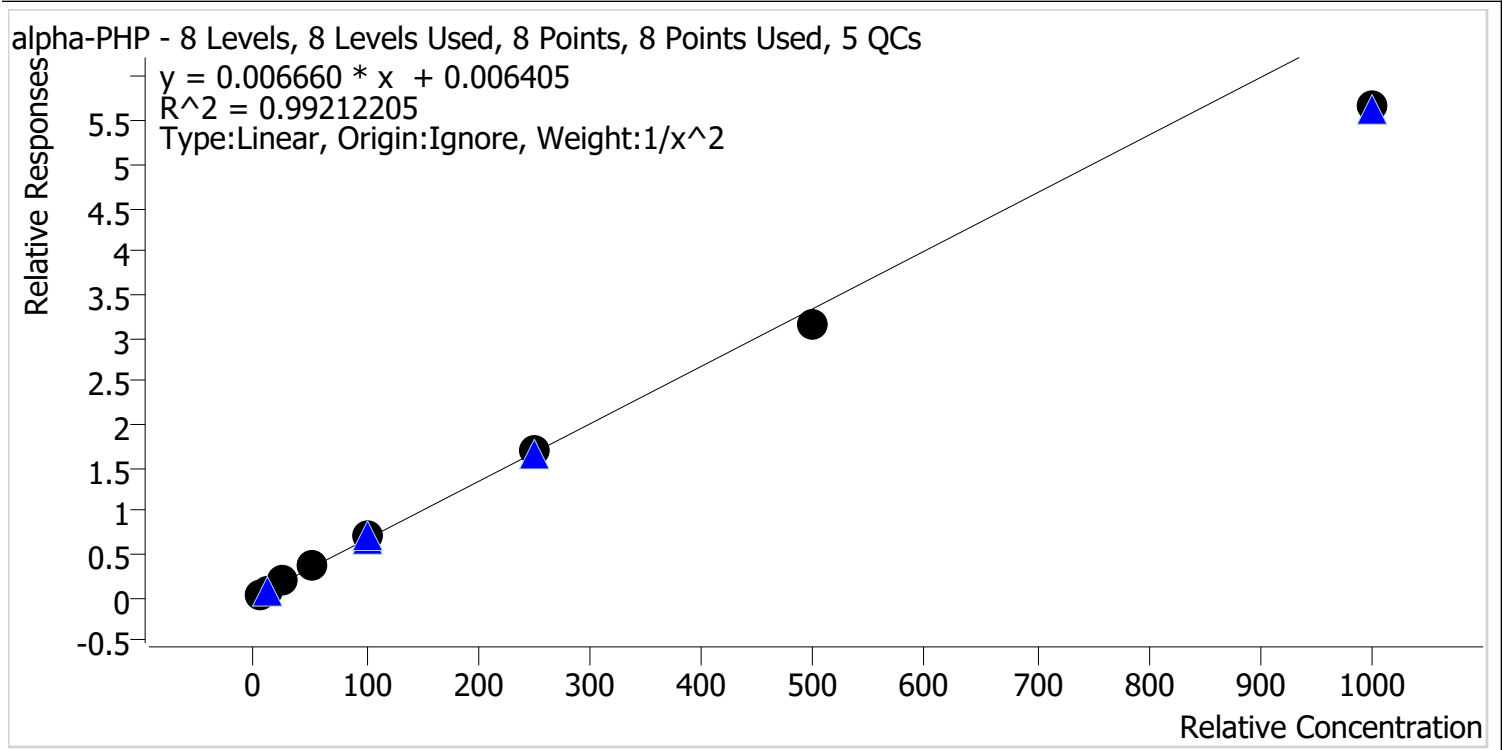
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	949.9	95.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	472.3	94.5
p1 Cal 8-1000ng	8	✓	1000.0	850.3	85.0

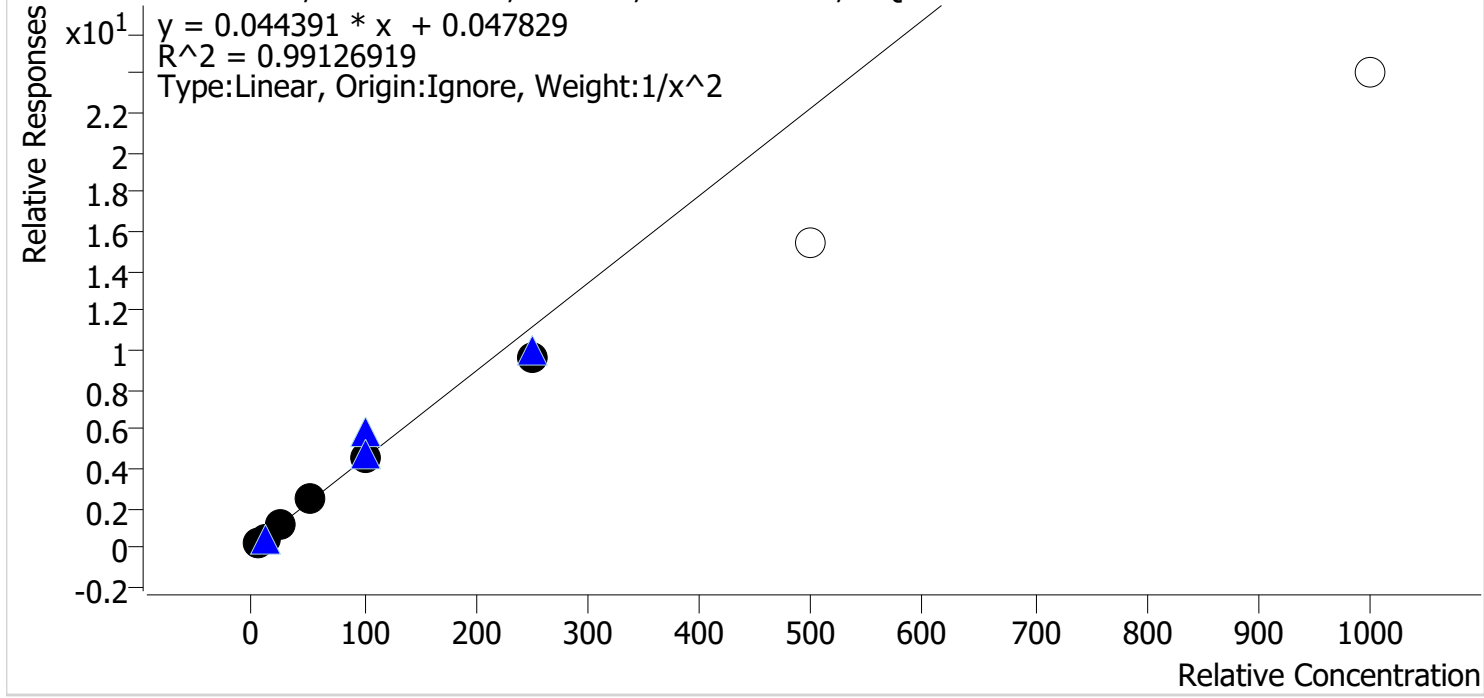
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

Clonazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	215.5	86.2
p1 Cal 7-500ng	7	✗	500.0	347.5	69.5
p1 Cal 8-1000ng	8	✗	1000.0	540.6	54.1

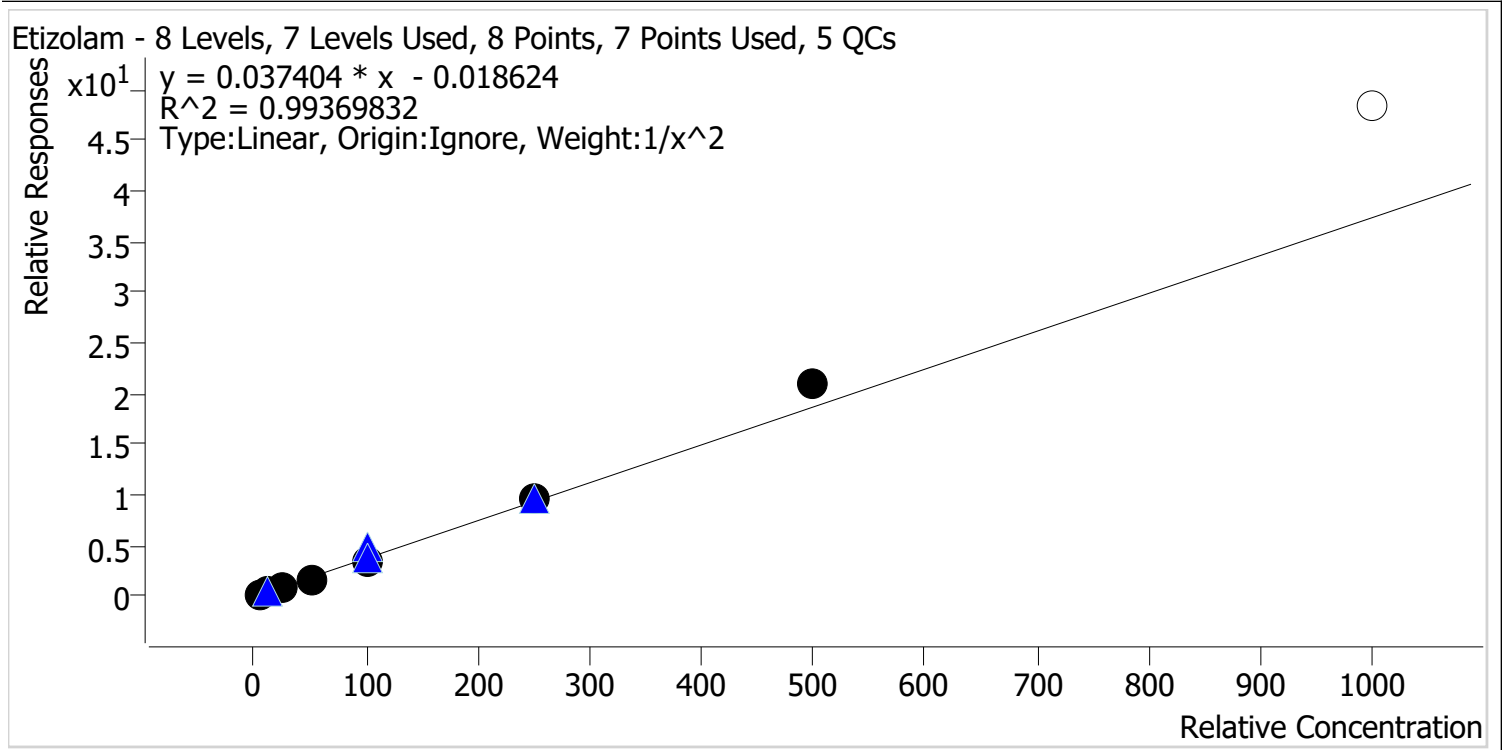
Calibrators 7 & 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	565.4	113.1
p1 Cal 8-1000ng	8	x	1000.0	1294.2	129.4

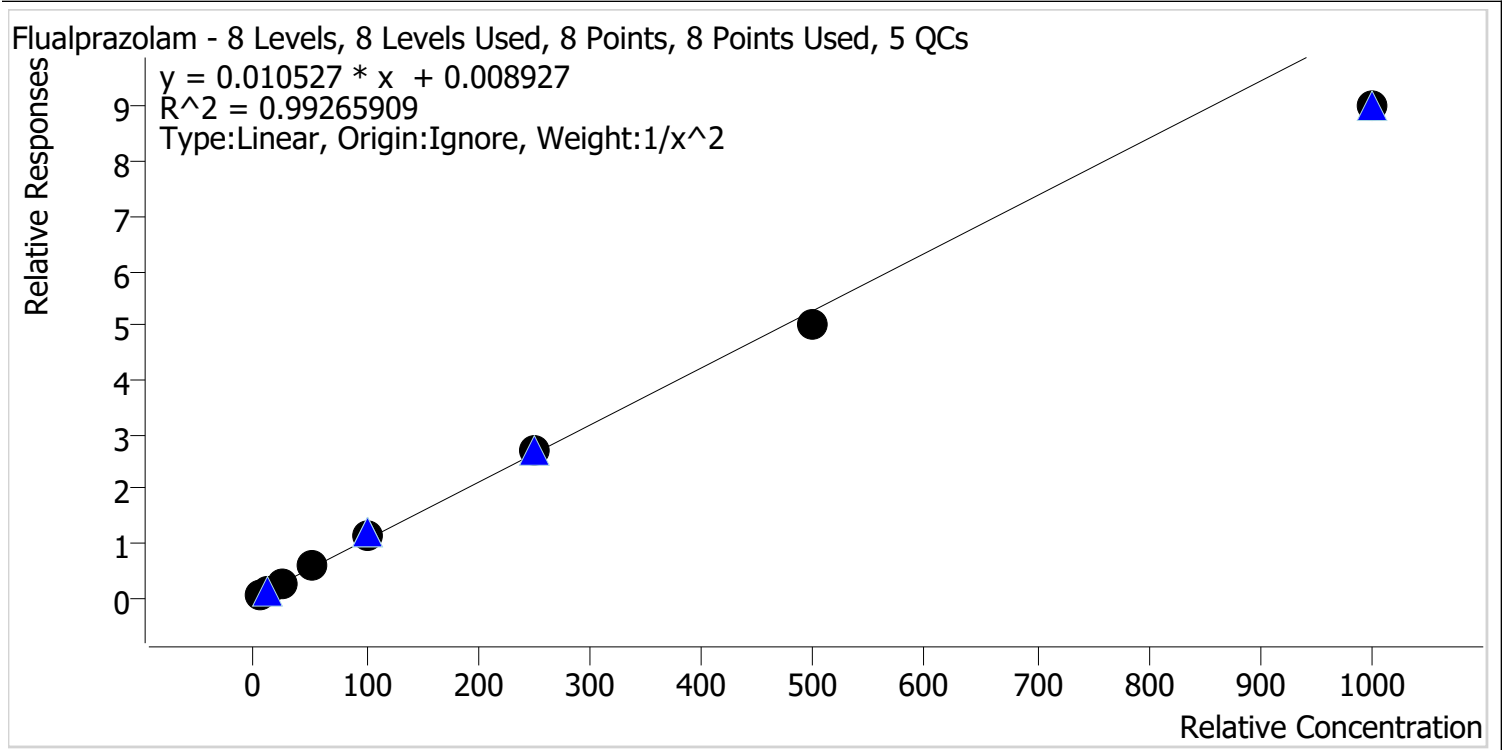
Calibrator 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	108.3	108.3
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	473.6	94.7
p1 Cal 8-1000ng	8	✓	1000.0	855.9	85.6



TS

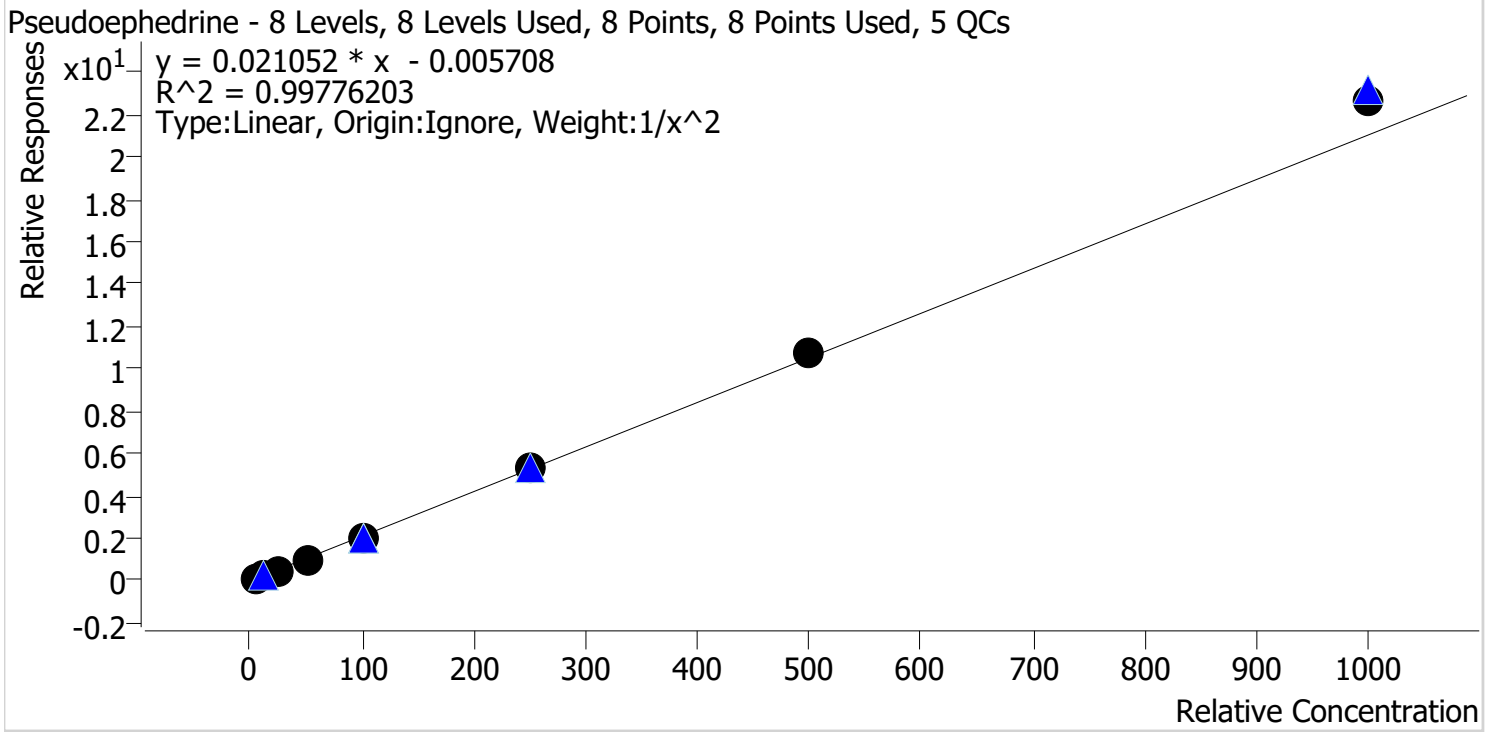
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.9	95.7
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	514.2	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1076.9	107.7

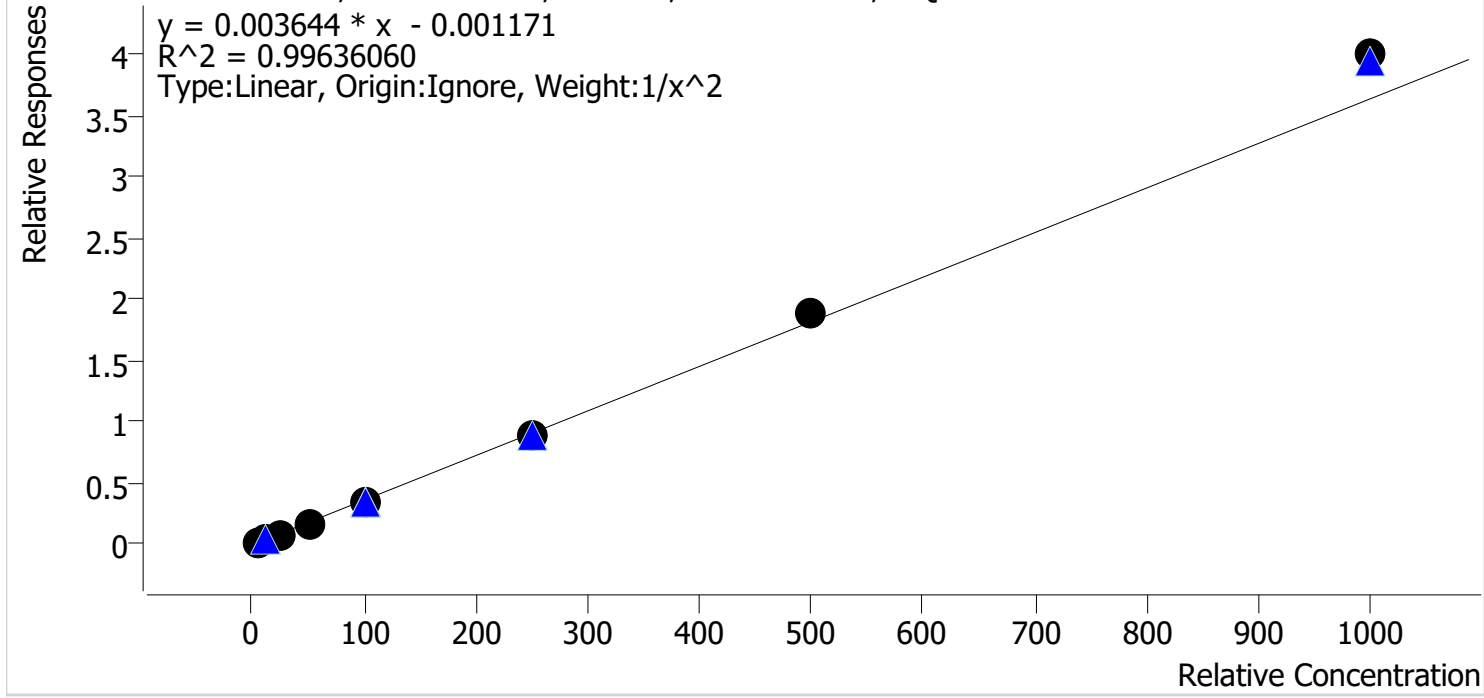
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

Levetiracetam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



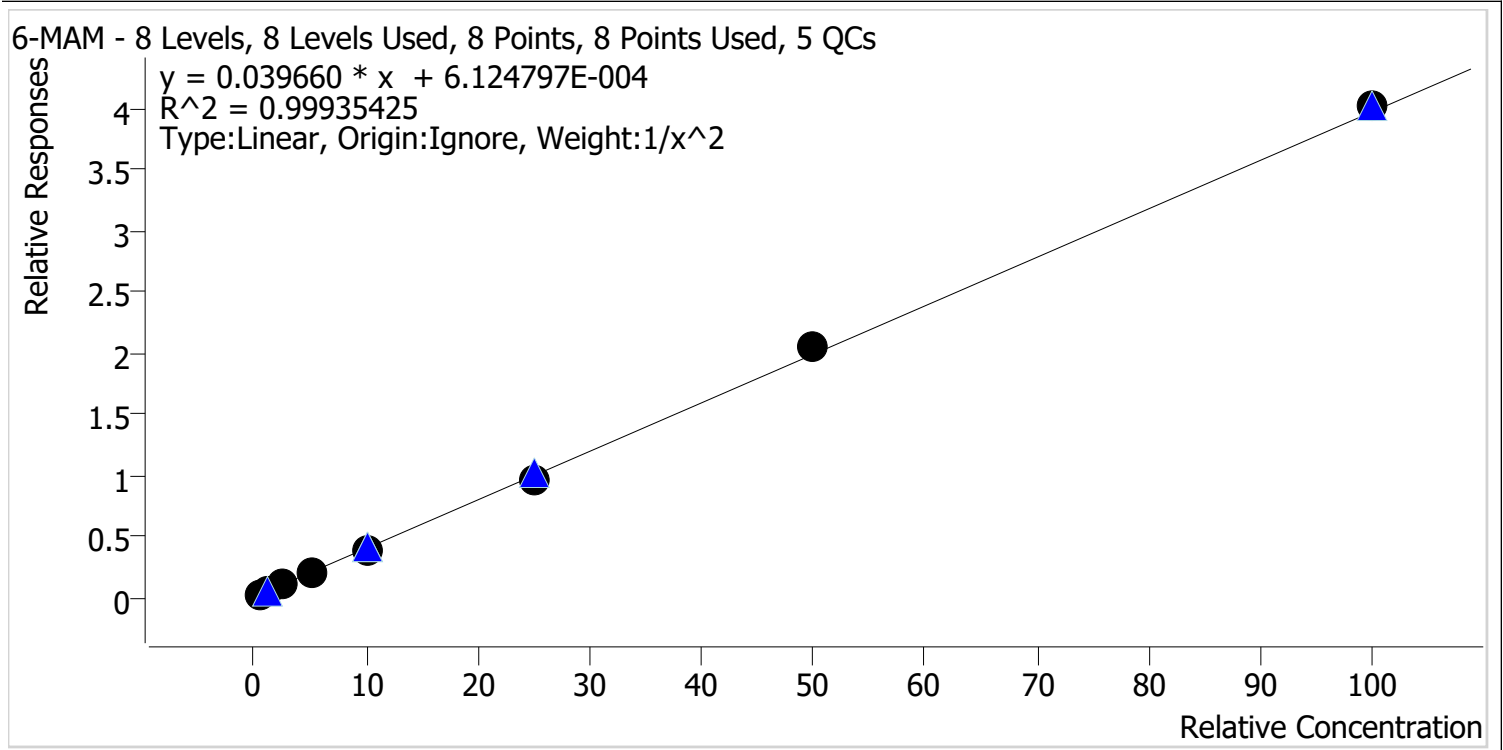
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	519.3	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1100.1	110.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



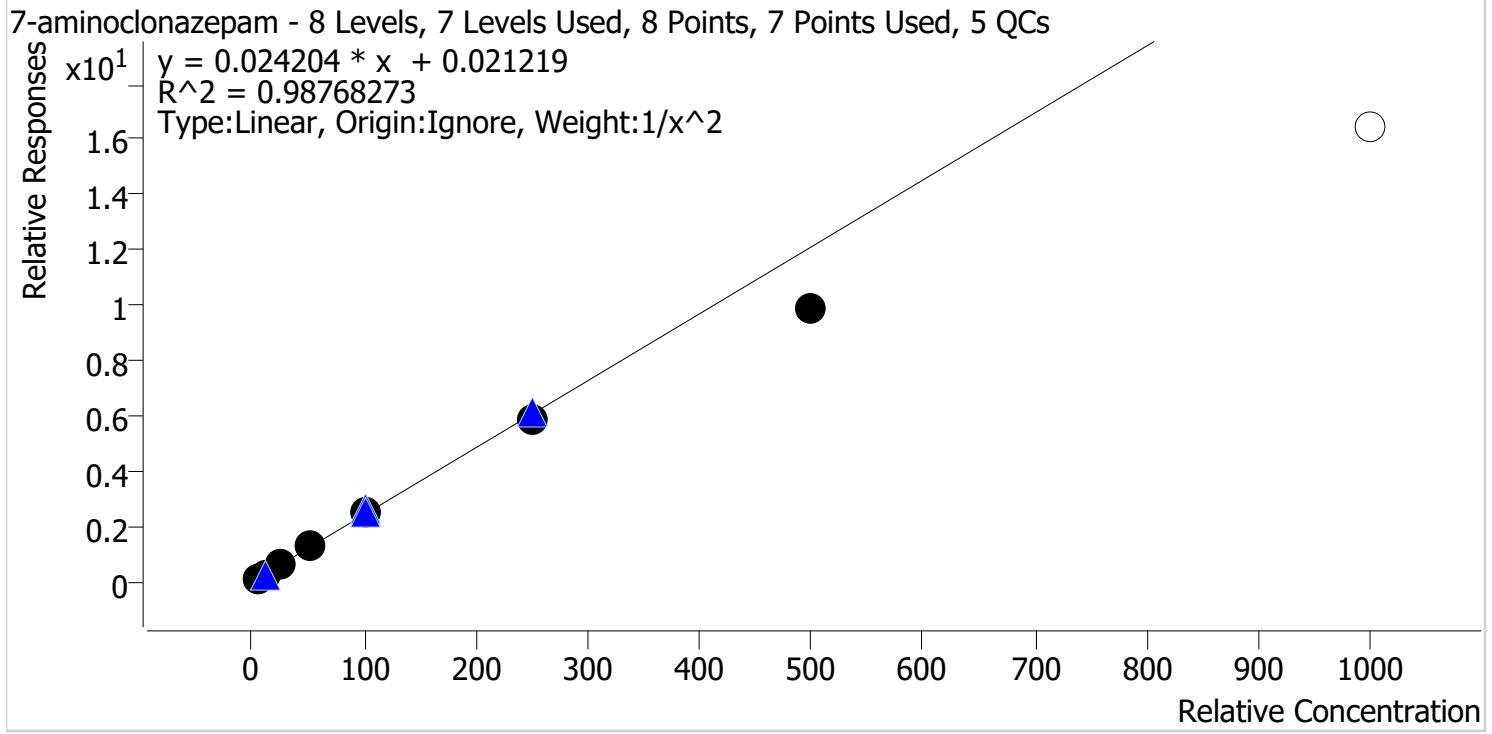
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.0
p1 Cal 2-10ng	2	✓	1.0	1.0	98.6
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.0
p1 Cal 4-50ng	4	✓	5.0	5.1	102.2
p1 Cal 5-100ng	5	✓	10.0	9.9	98.8
p1 Cal 6-250ng	6	✓	25.0	24.3	97.0
p1 Cal 7-500ng	7	✓	50.0	51.6	103.3
p1 Cal 8-1000ng	8	✓	100.0	101.2	101.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	241.4	96.6
p1 Cal 7-500ng	7	✓	500.0	410.4	82.1
p1 Cal 8-1000ng	8	x	1000.0	681.7	68.2

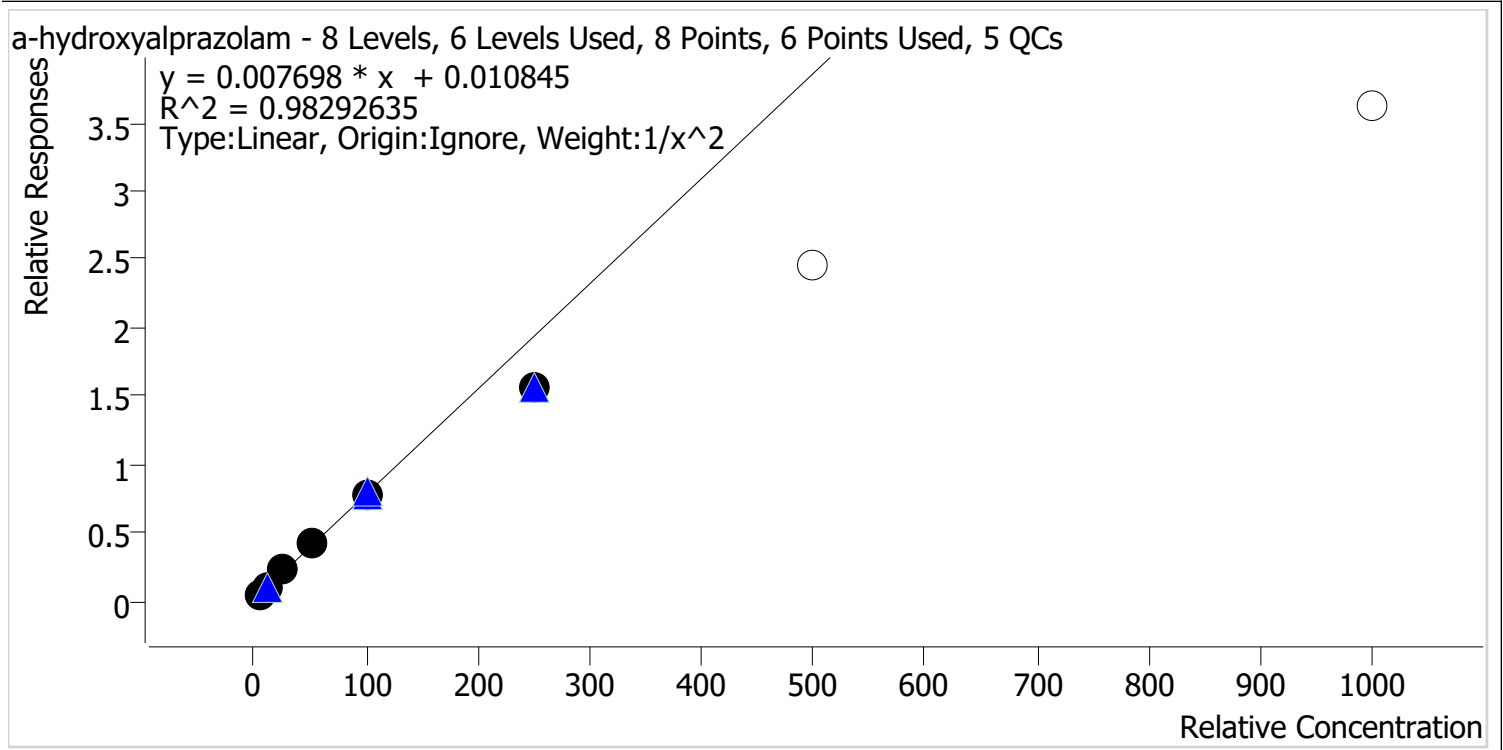
Calibrator 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.3
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	203.2	81.3
p1 Cal 7-500ng	7	✗	500.0	317.4	63.5
p1 Cal 8-1000ng	8	✗	1000.0	468.8	46.9

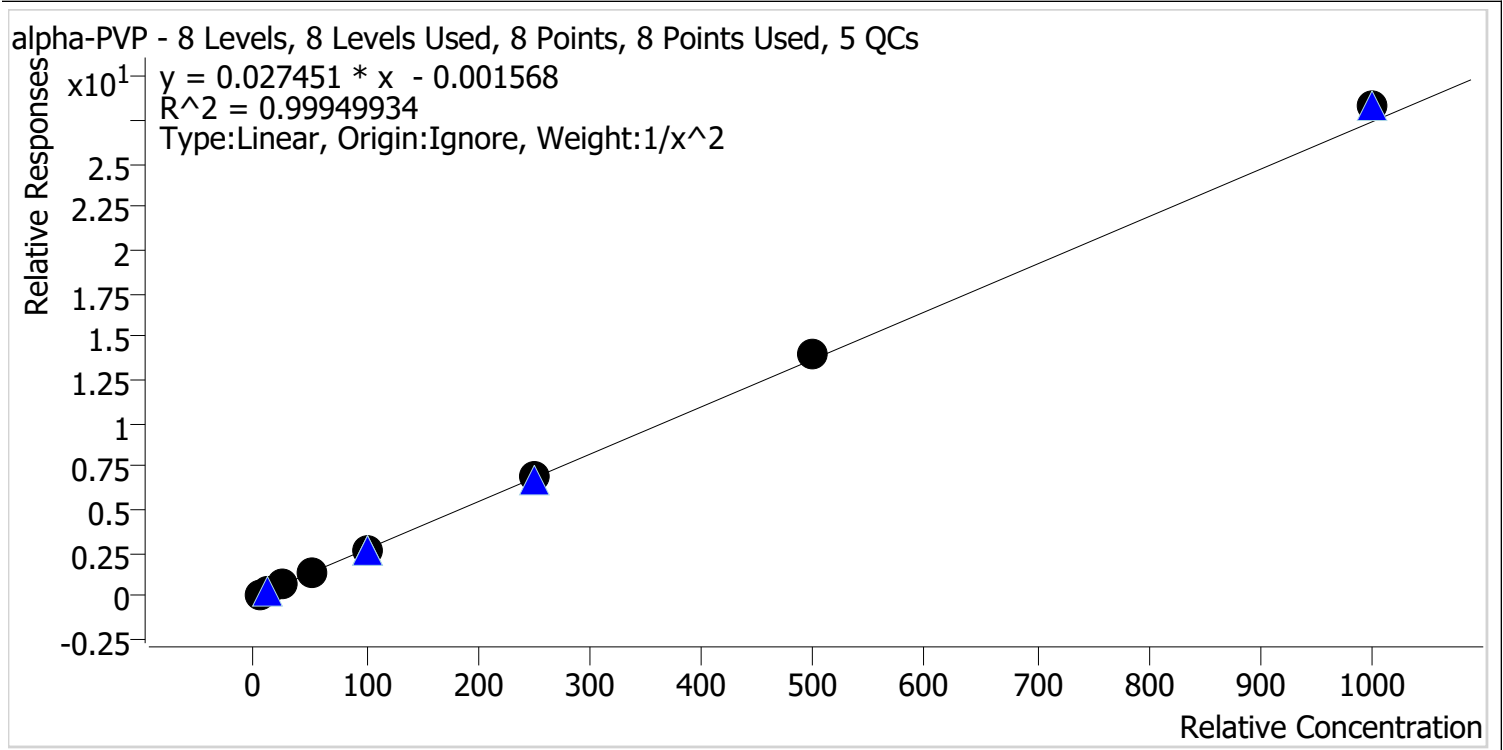
Calibrators 7 & 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



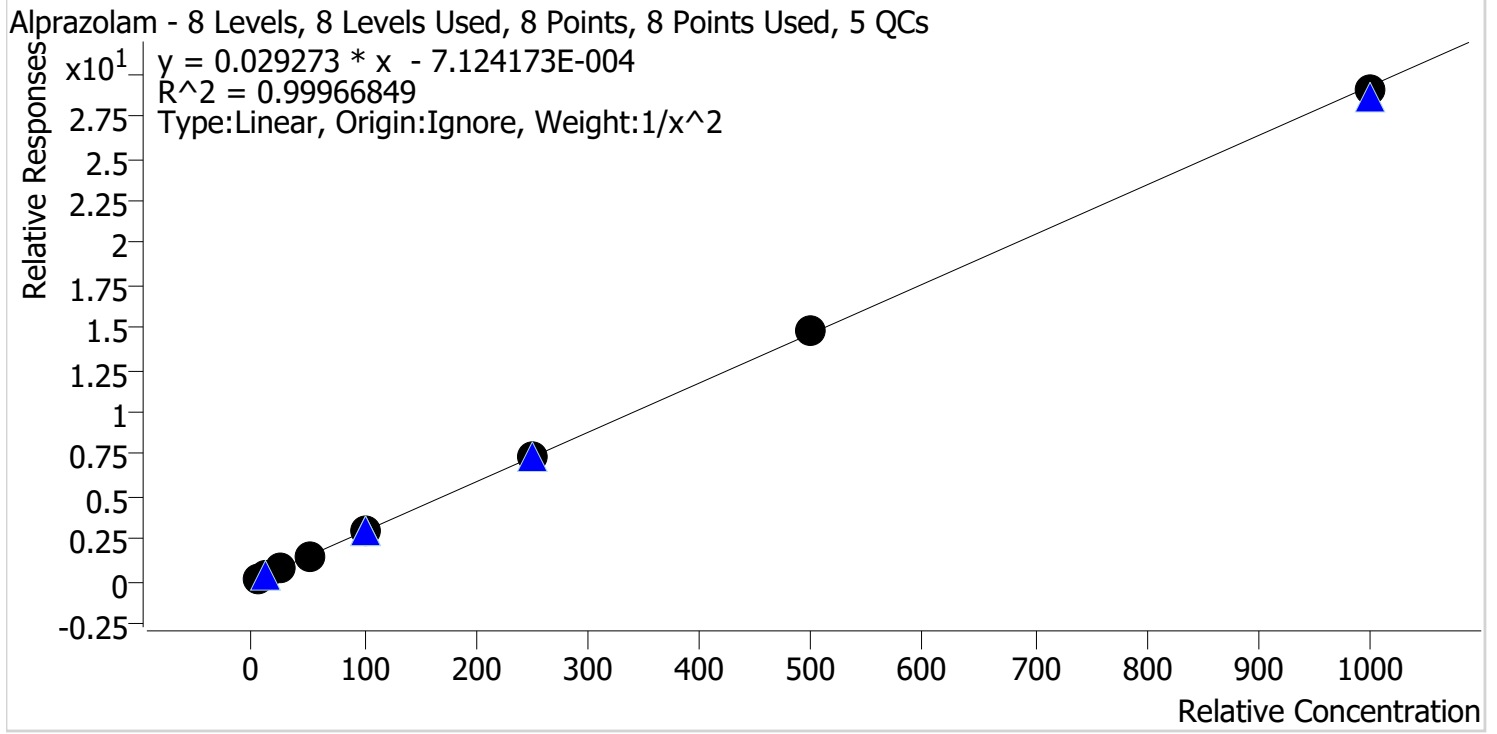
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1030.3	103.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	991.5	99.2

TS



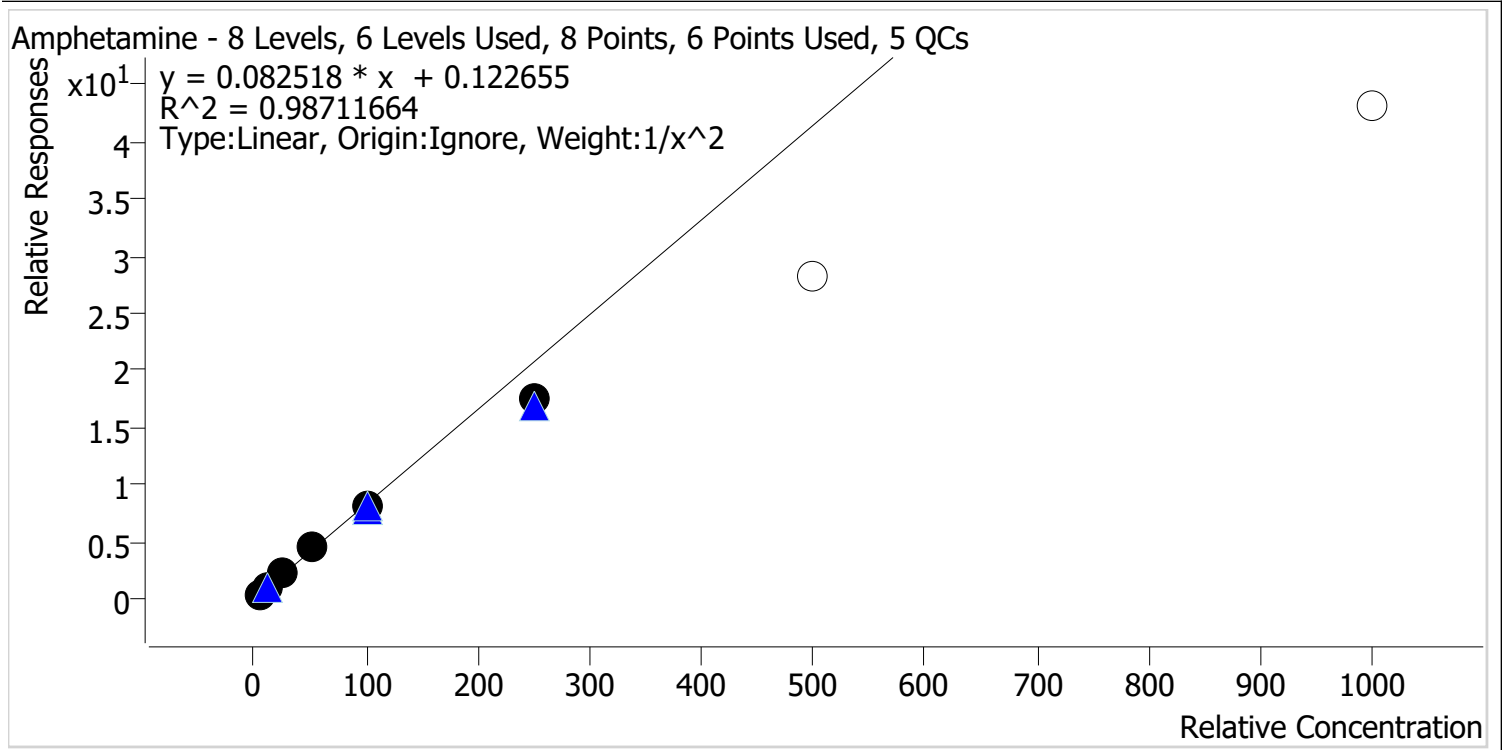
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	210.0	84.0
p1 Cal 7-500ng	7	✗	500.0	339.2	67.8
p1 Cal 8-1000ng	8	✗	1000.0	518.6	51.9

Calibrators 7 & 8 dropped due to accuracy



TS

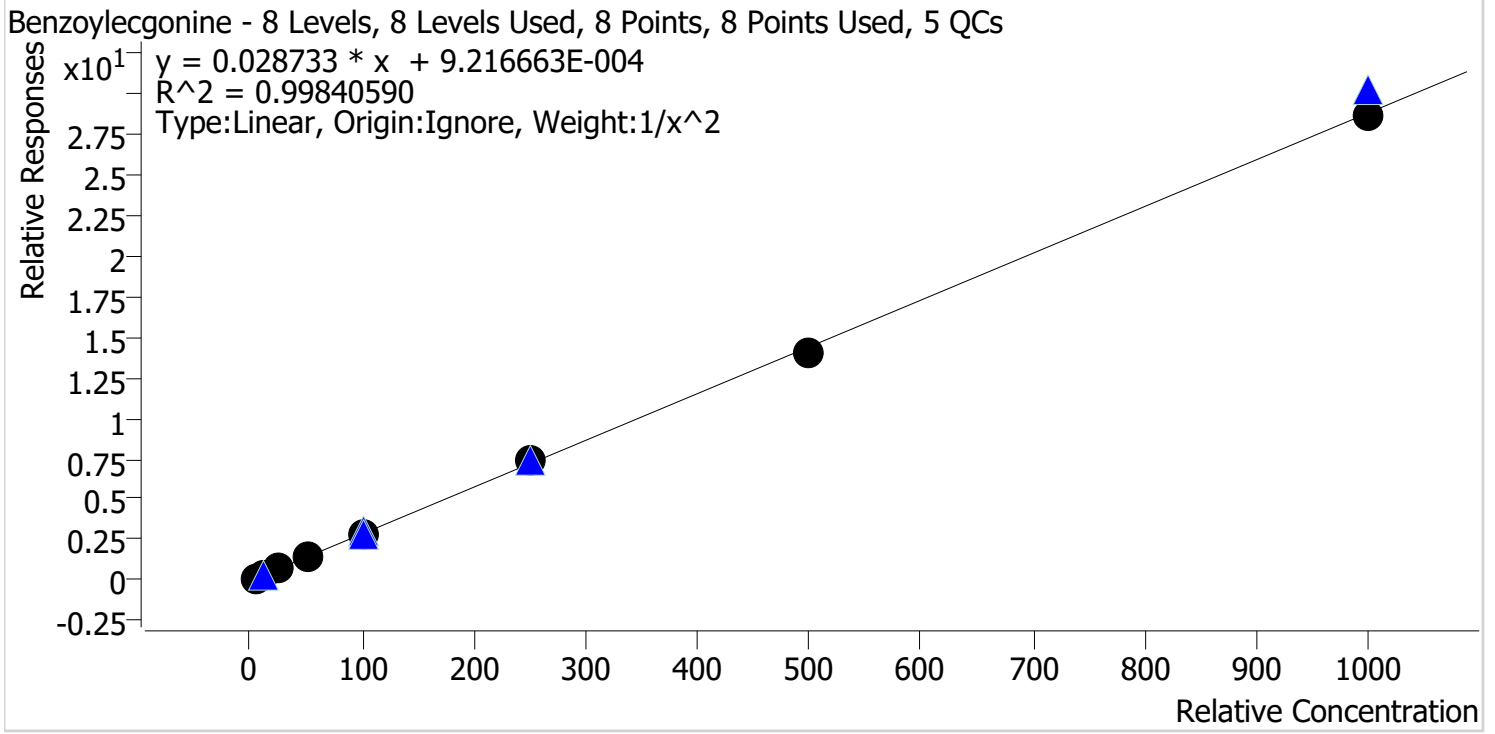
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.7	107.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	486.8	97.4
p1 Cal 8-1000ng	8	✓	1000.0	991.3	99.1

TS



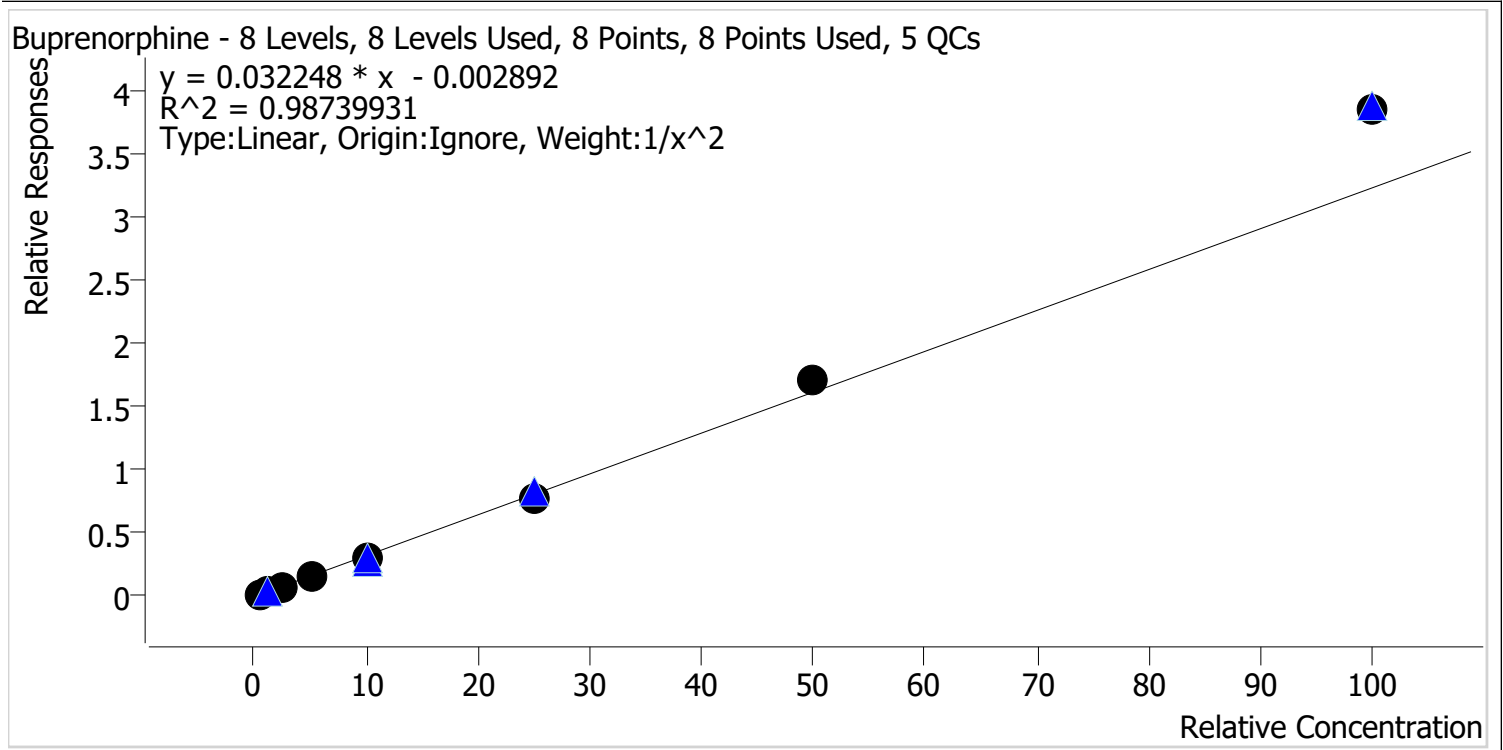
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



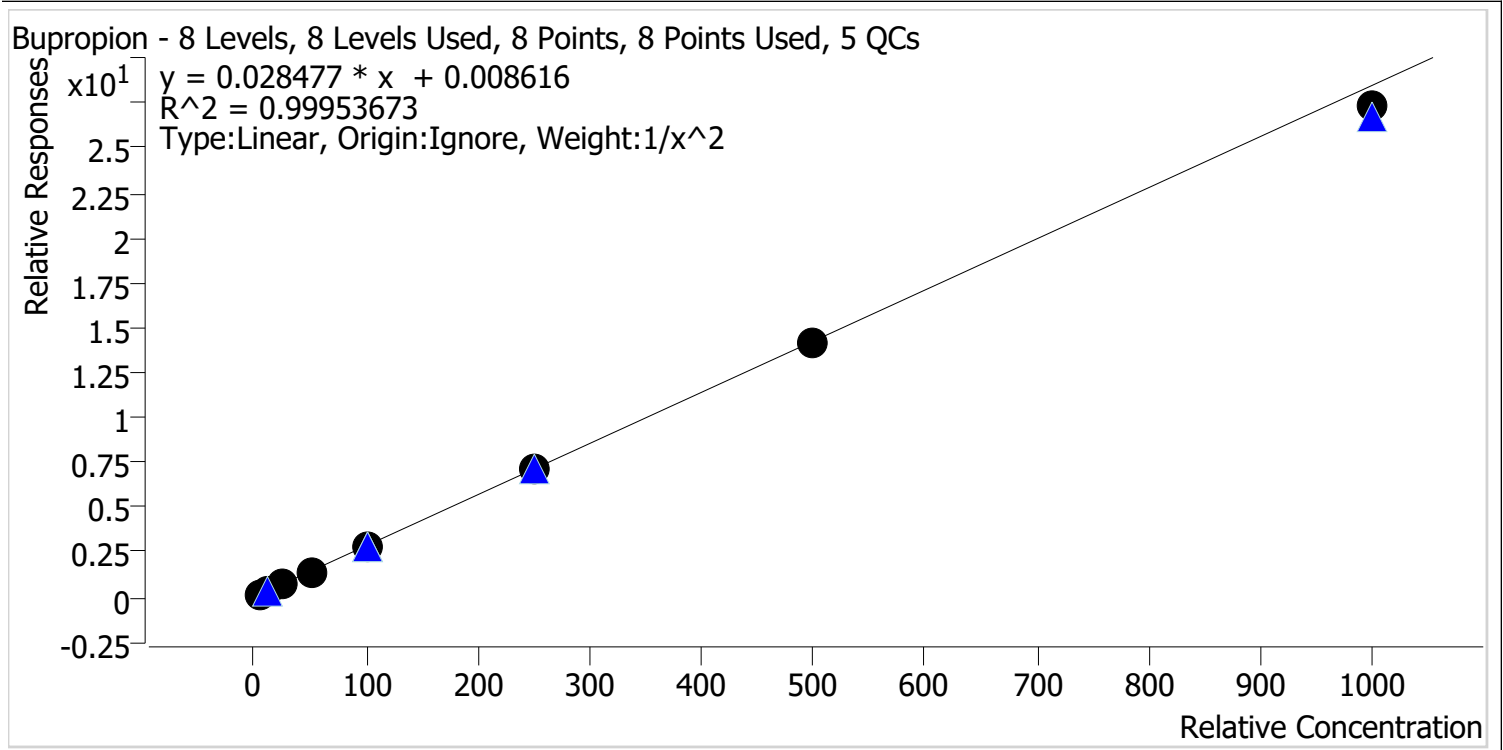
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.8
p1 Cal 2-10ng	2	✓	1.0	0.9	92.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.0
p1 Cal 4-50ng	4	✓	5.0	4.6	91.1
p1 Cal 5-100ng	5	✓	10.0	9.2	91.6
p1 Cal 6-250ng	6	✓	25.0	24.1	96.5
p1 Cal 7-500ng	7	✓	50.0	53.4	106.9
p1 Cal 8-1000ng	8	✓	100.0	119.0	119.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



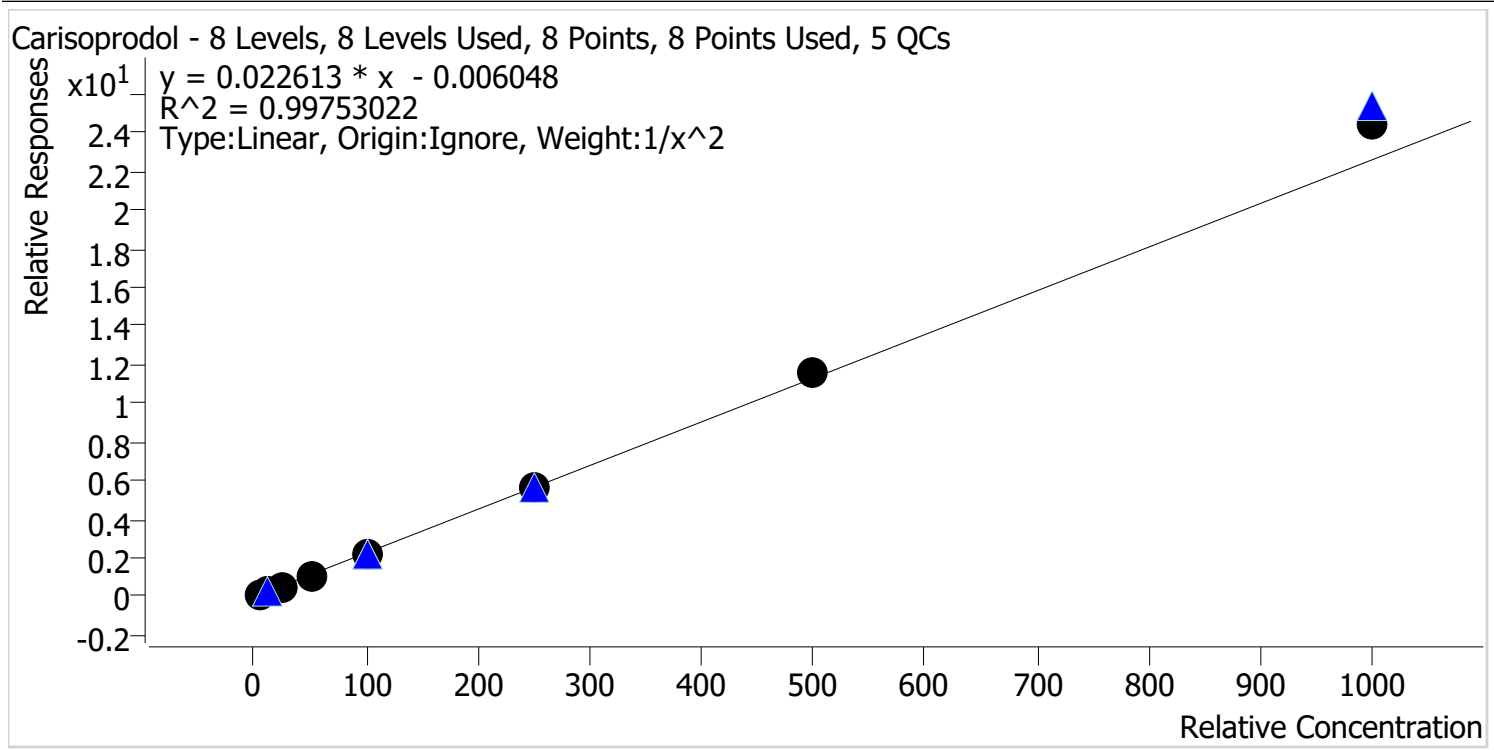
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	959.2	95.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



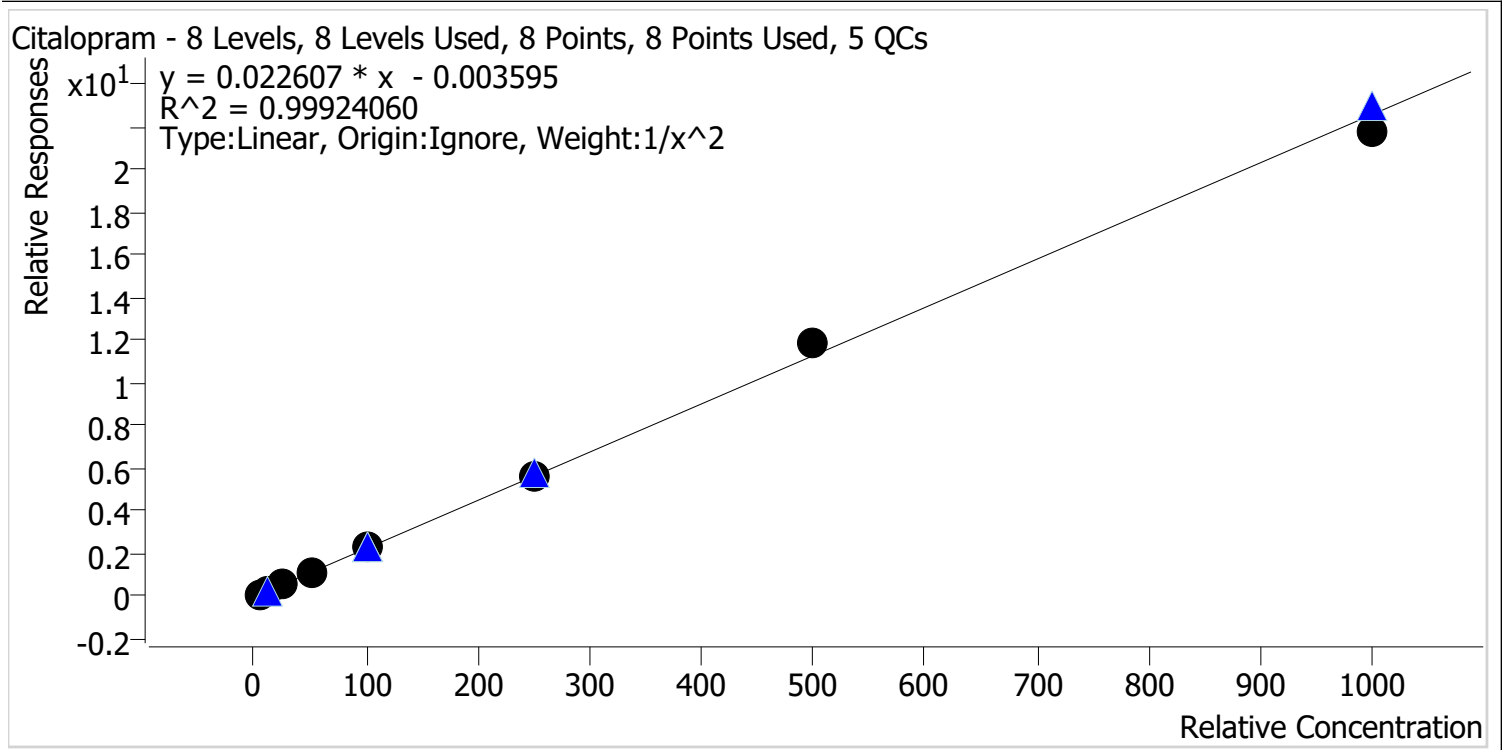
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1081.3	108.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	966.4	96.6



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

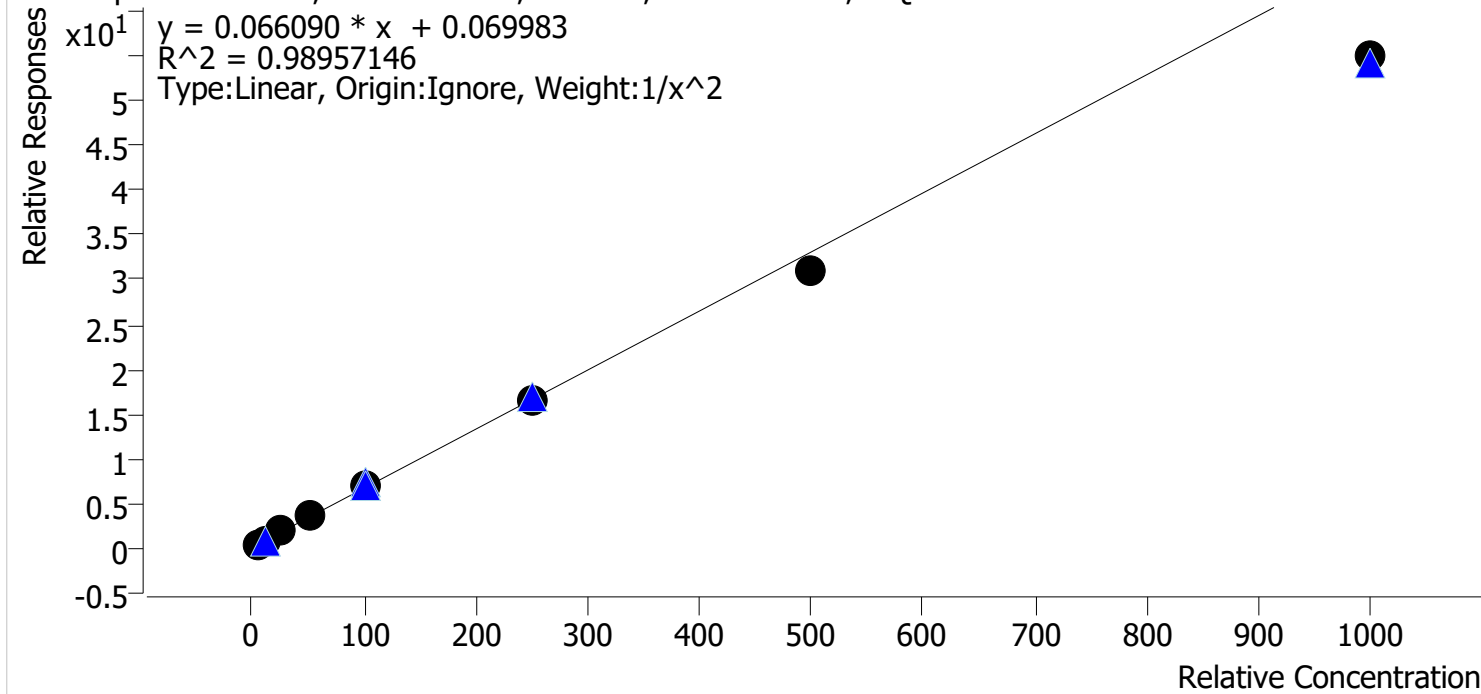
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Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Clonazepam **Internal Standard** Clonazepam-D4

Clonazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	54.8	109.5
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	467.7	93.5
p1 Cal 8-1000ng	8	✓	1000.0	831.3	83.1

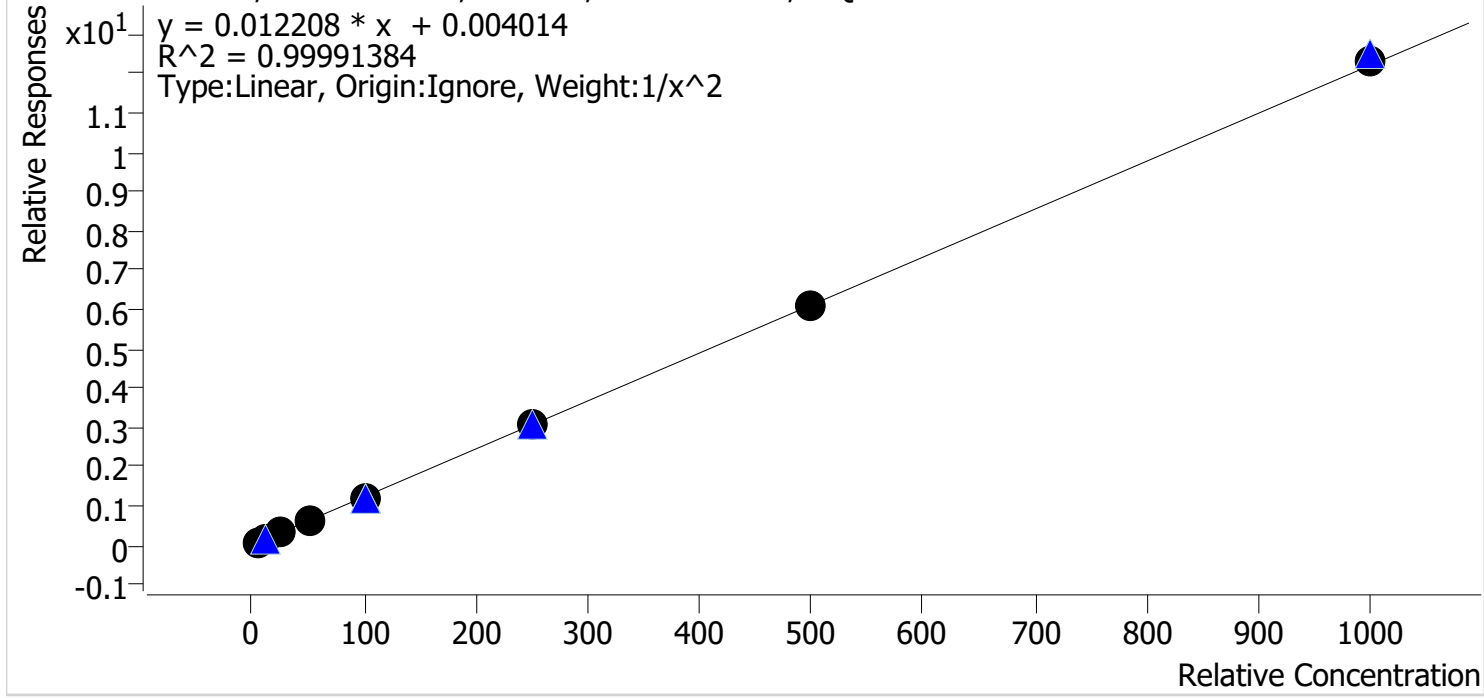
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.4	100.7

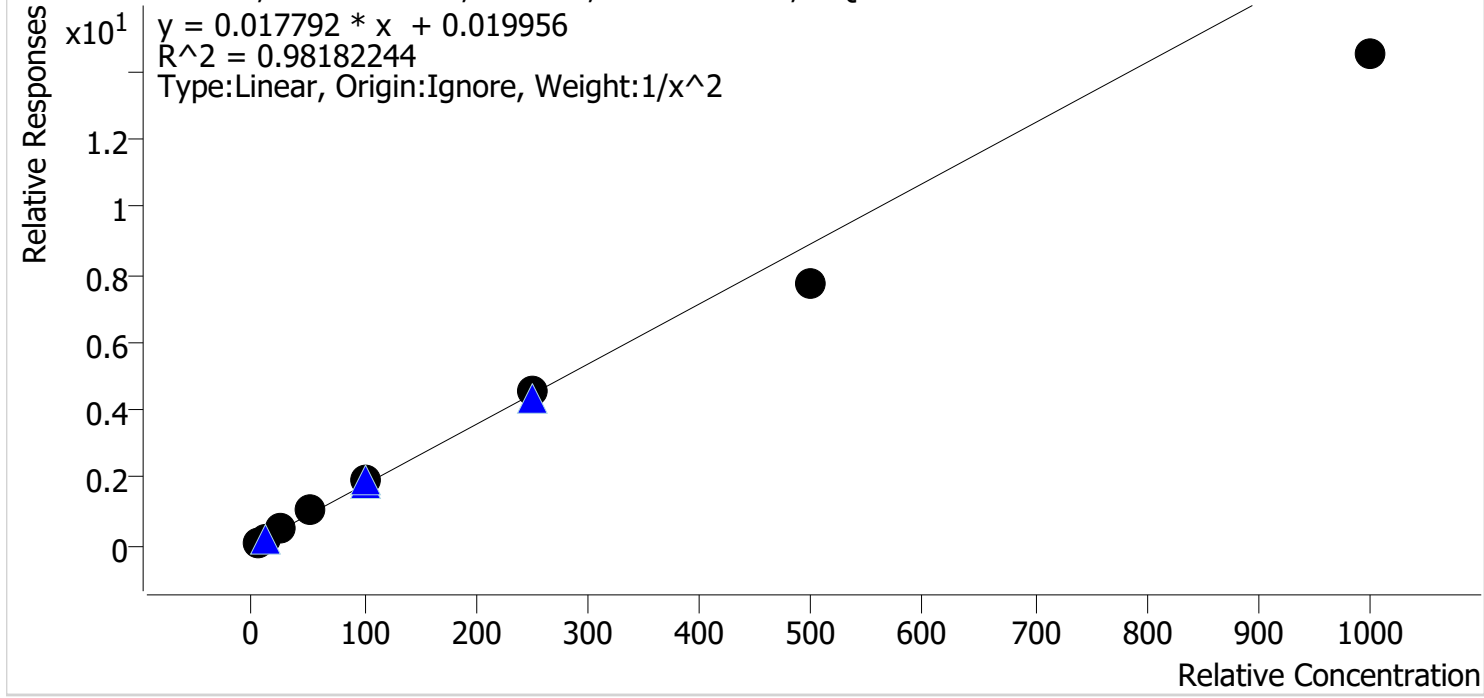
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



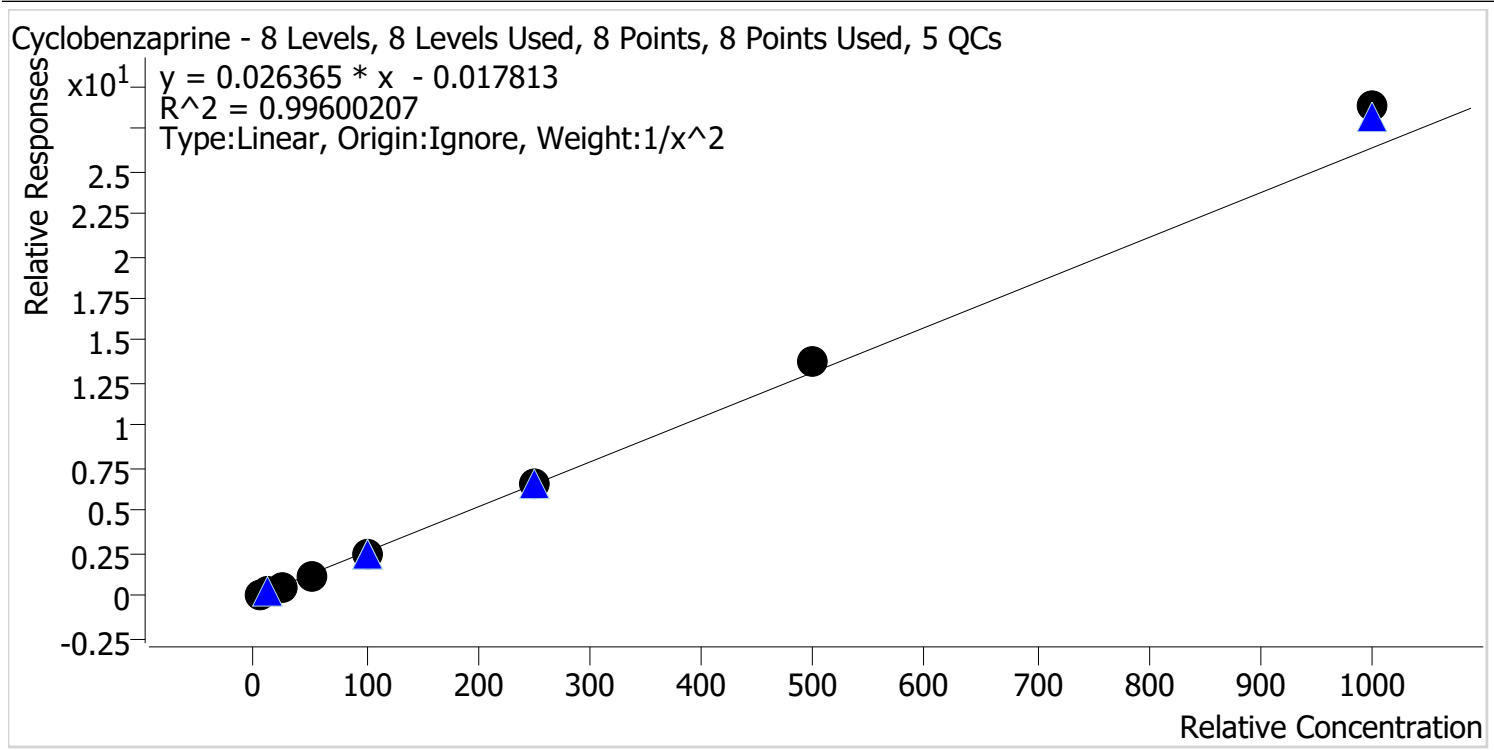
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.3
p1 Cal 2-10ng	2	✓	10.0	10.8	108.2
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.7
p1 Cal 4-50ng	4	✓	50.0	56.4	112.8
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	433.0	86.6
p1 Cal 8-1000ng	8	✓	1000.0	813.8	81.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



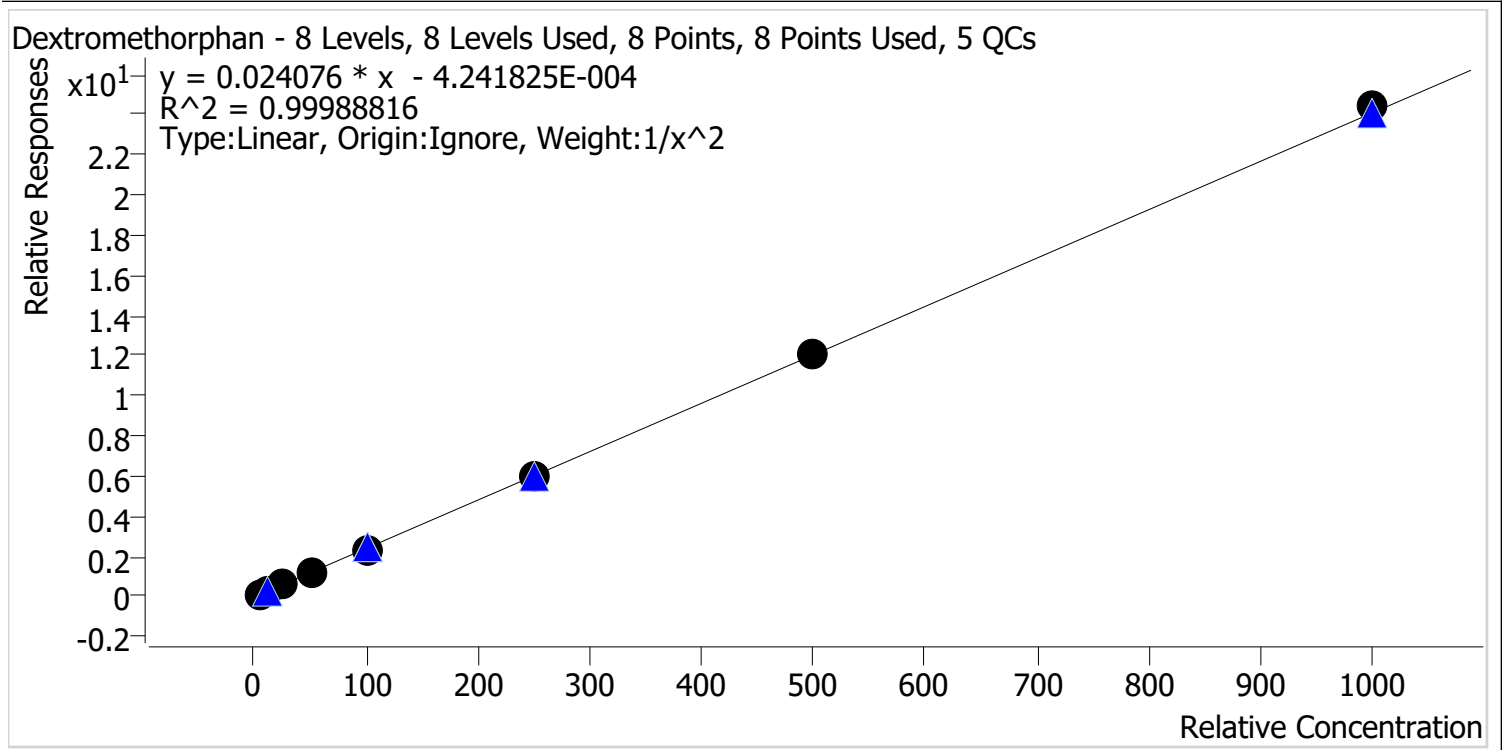
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	528.2	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1092.7	109.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



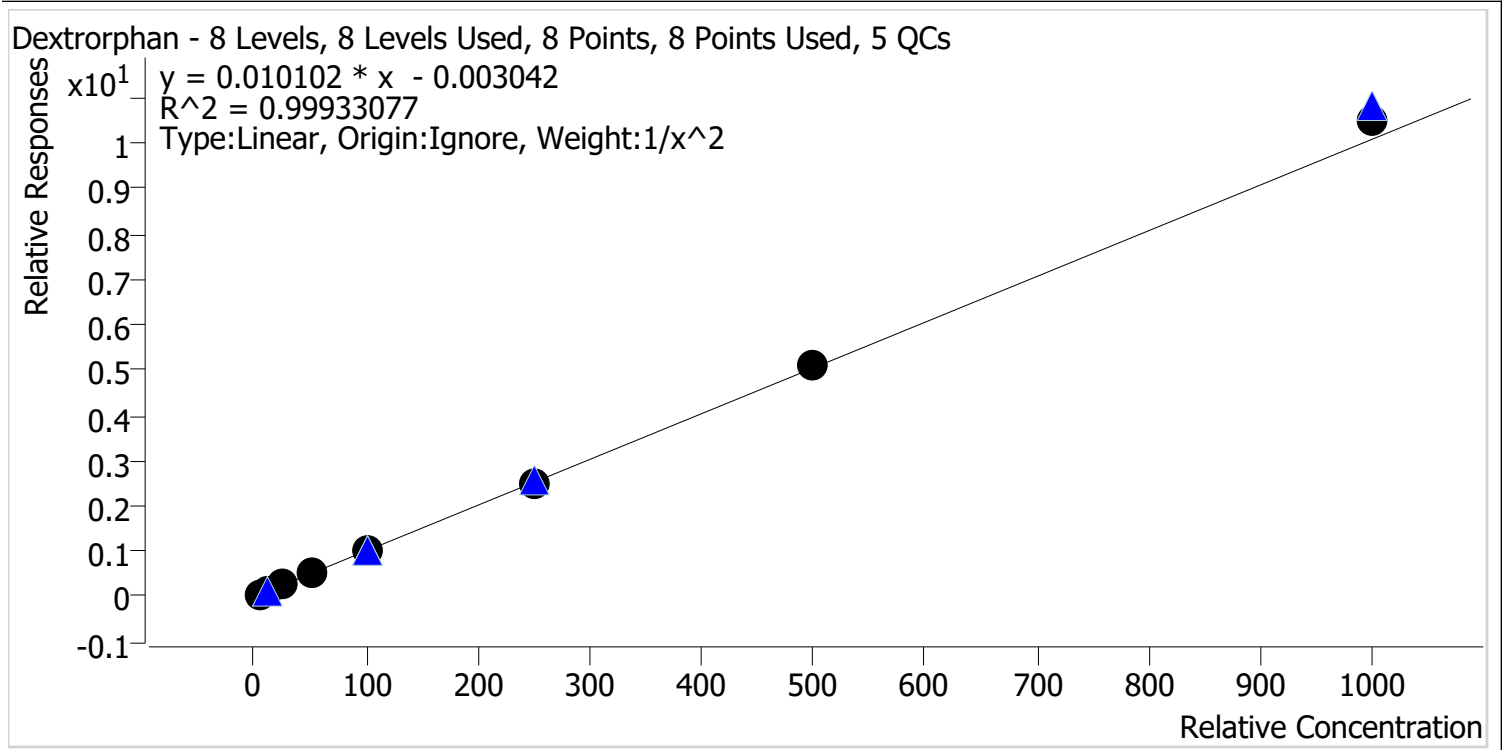
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1013.9	101.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



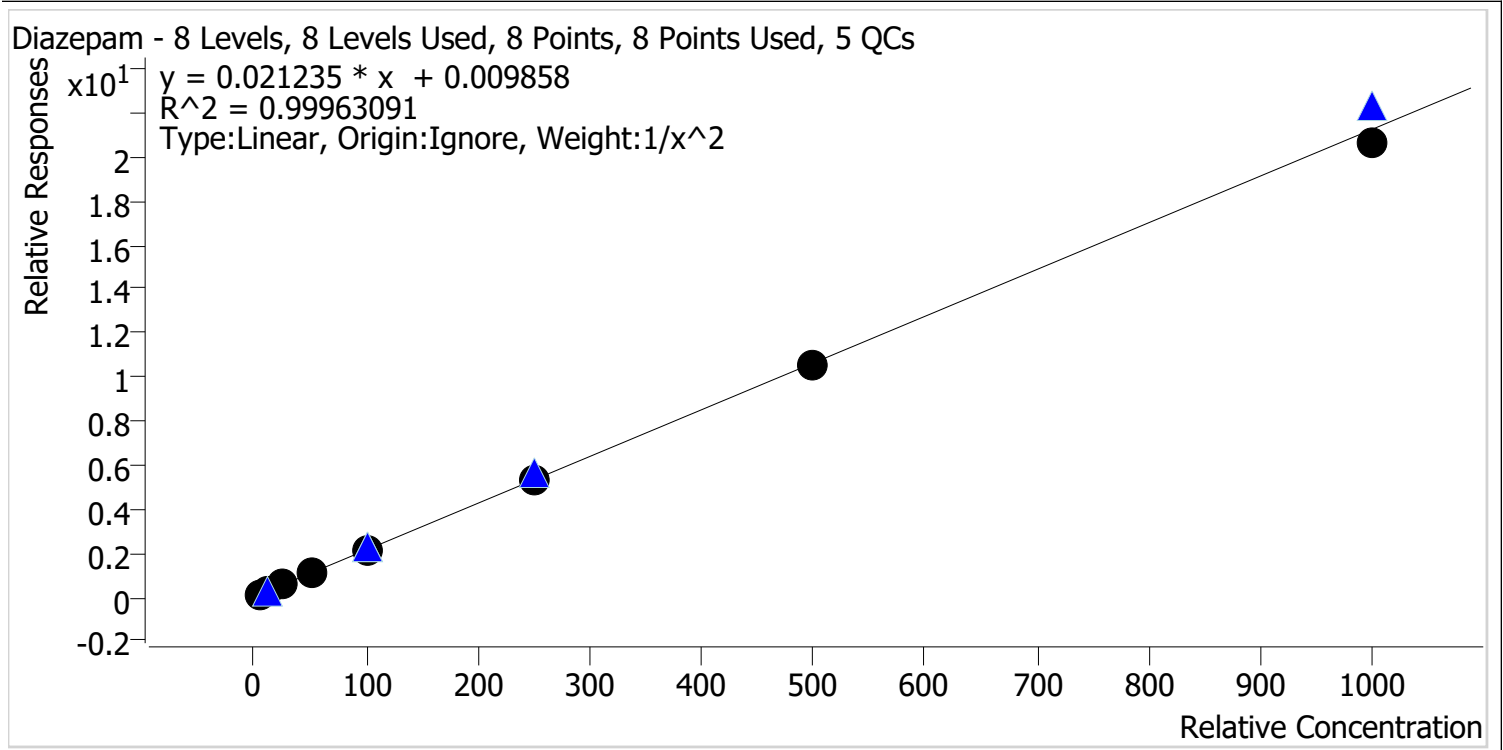
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1043.4	104.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	970.6	97.1



TS

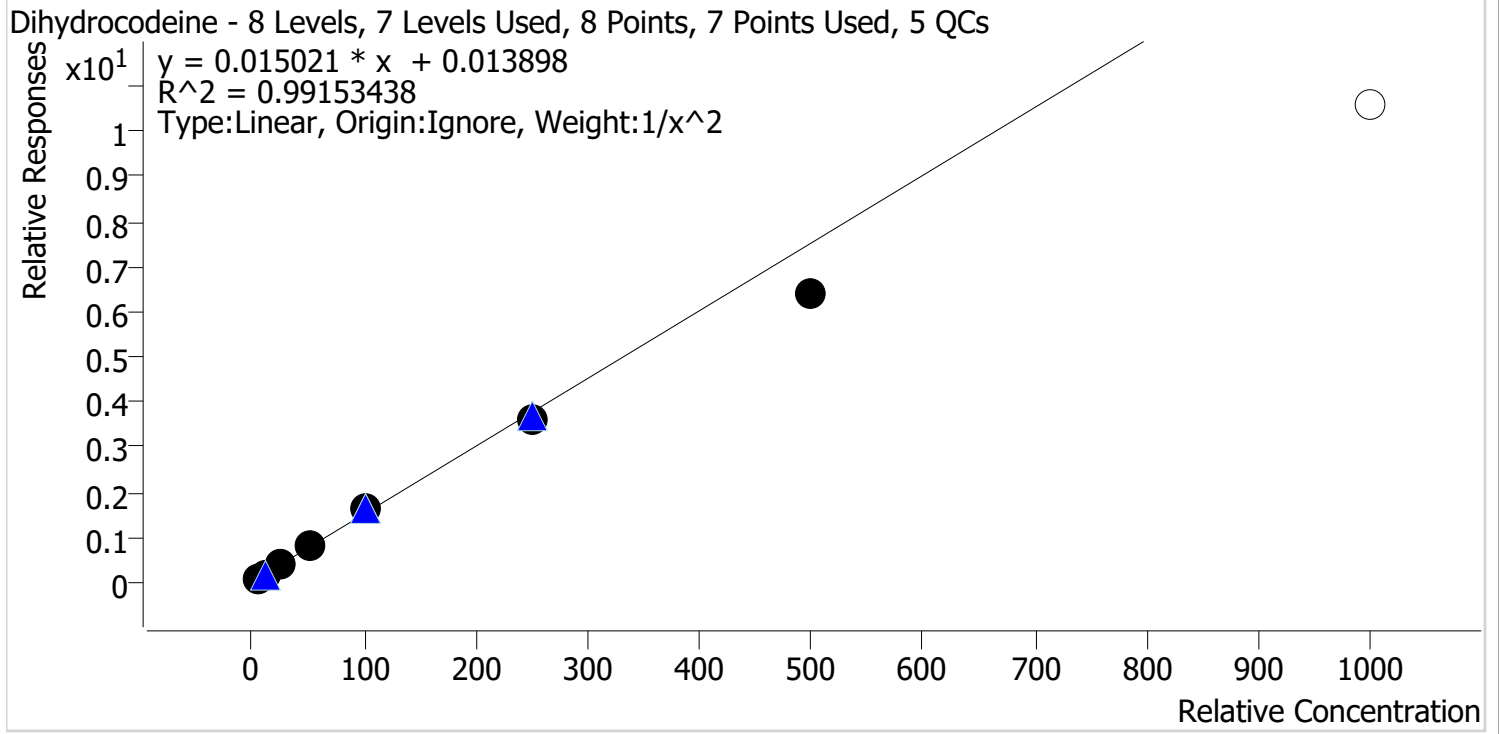
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	426.7	85.3
p1 Cal 8-1000ng	8	x	1000.0	704.3	70.4

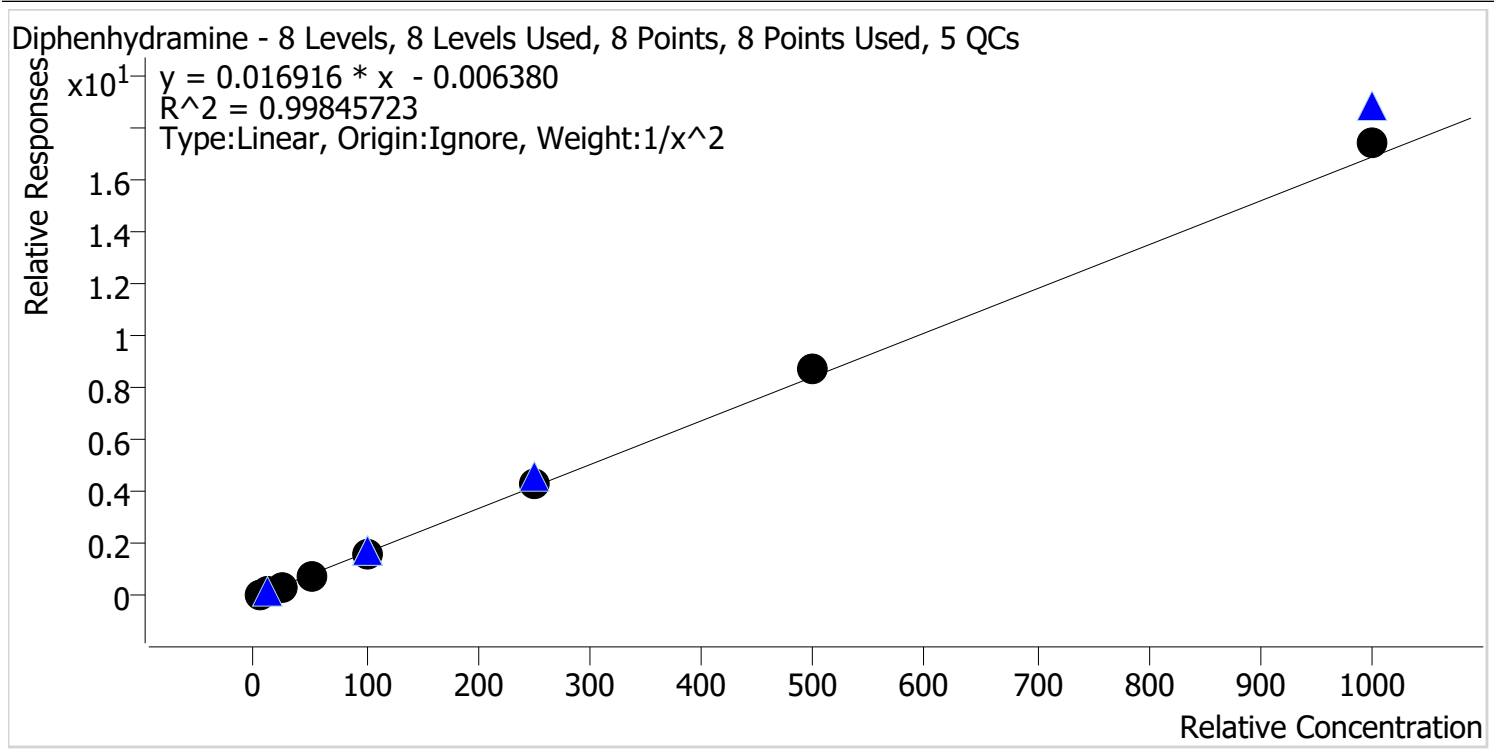
Calibrator 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	518.3	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1035.4	103.5

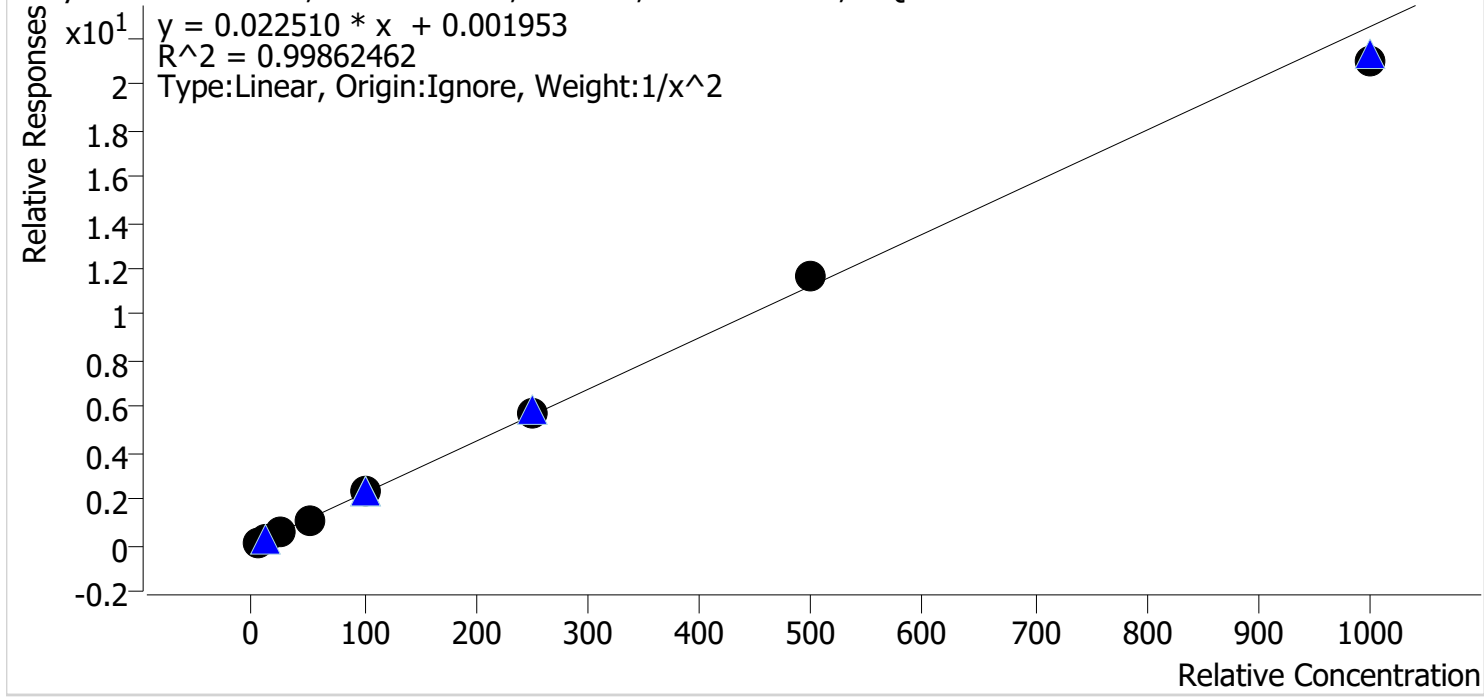
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

Doxylamine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



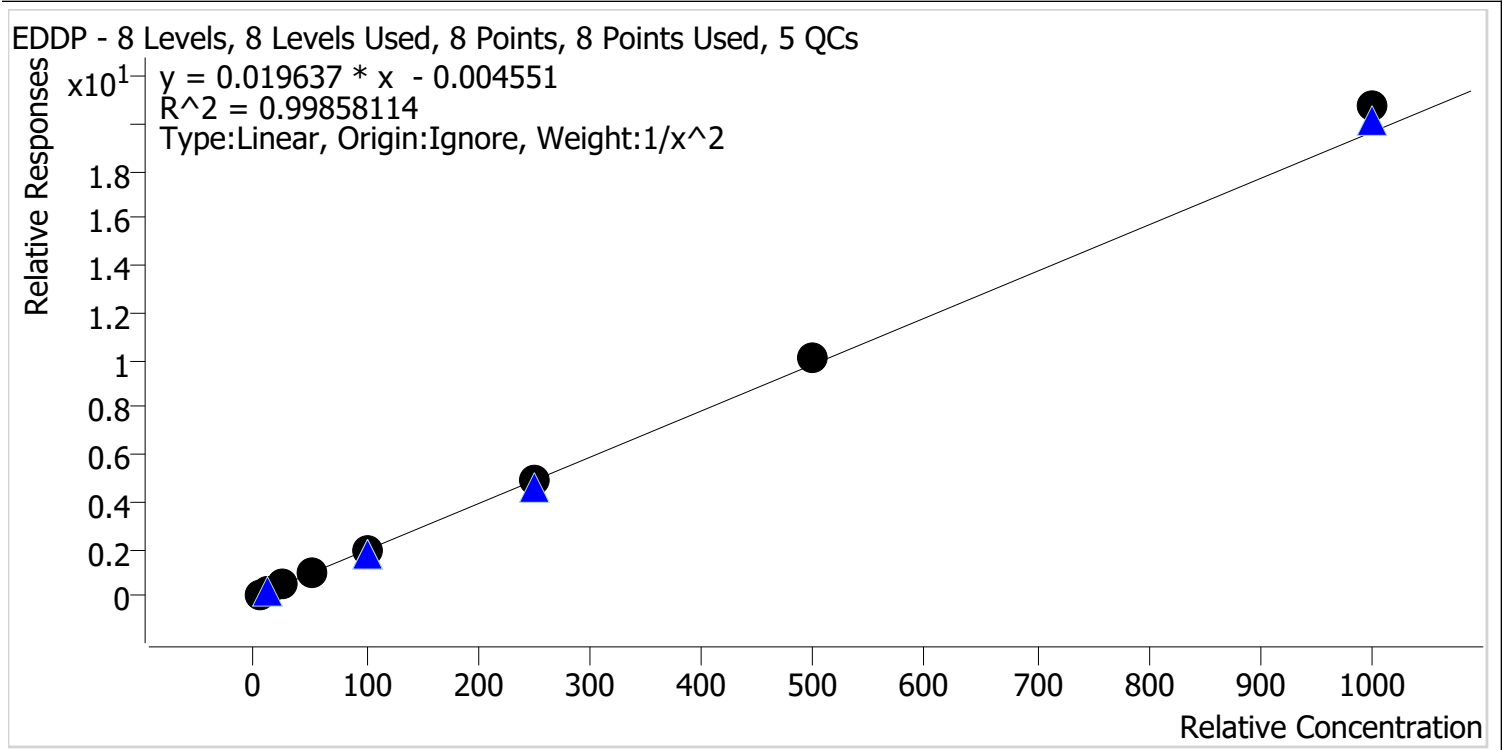
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	931.0	93.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



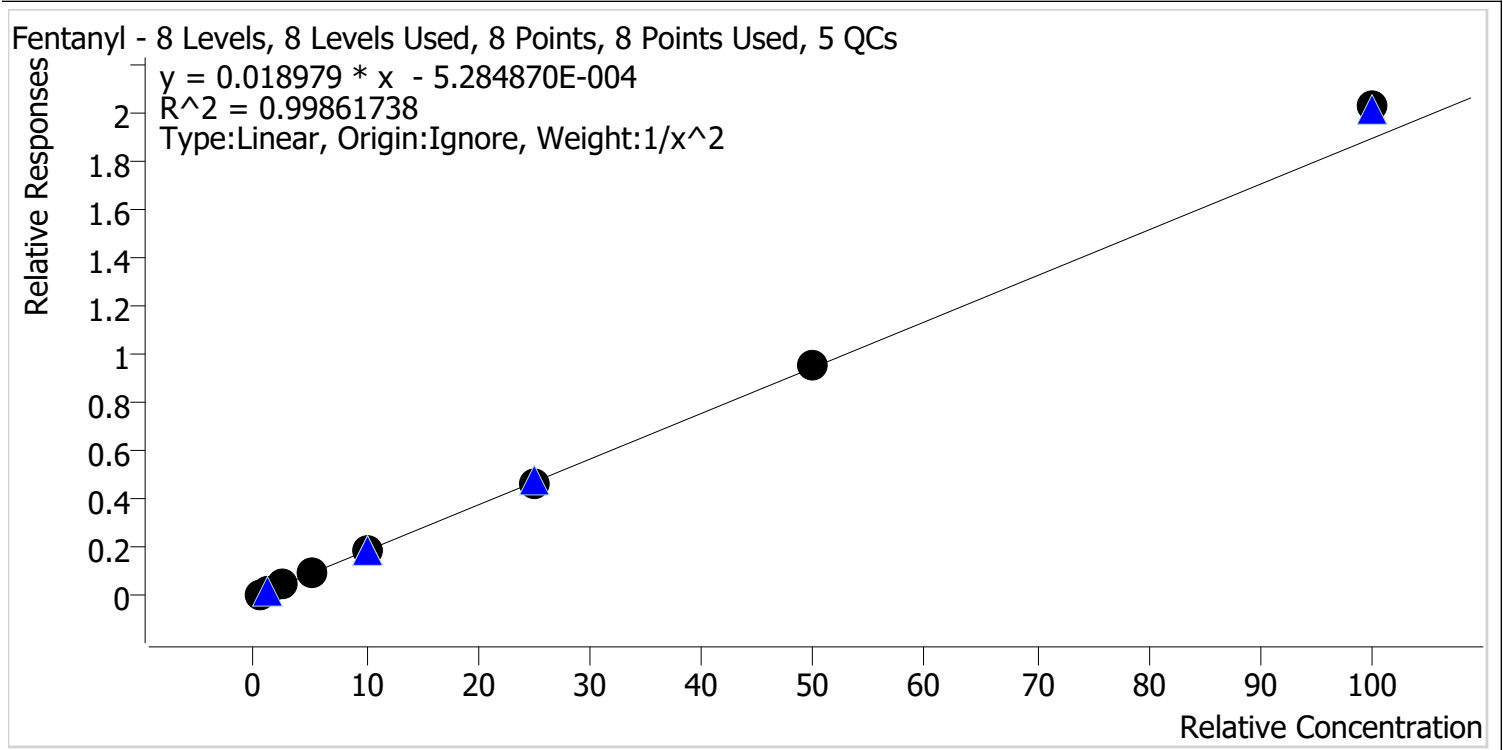
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1055.5	105.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



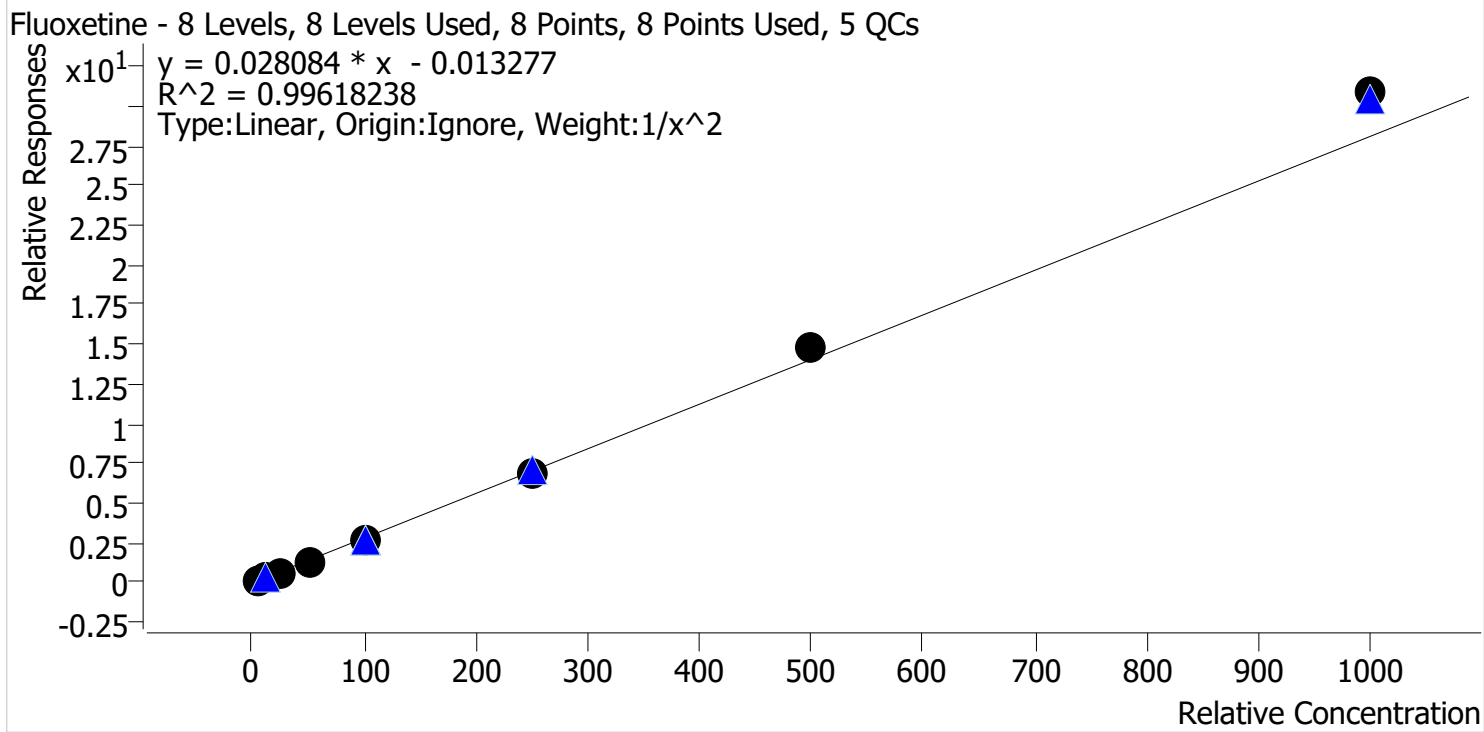
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.7
p1 Cal 4-50ng	4	✓	5.0	4.9	98.4
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	24.6	98.3
p1 Cal 7-500ng	7	✓	50.0	50.3	100.5
p1 Cal 8-1000ng	8	✓	100.0	107.0	107.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



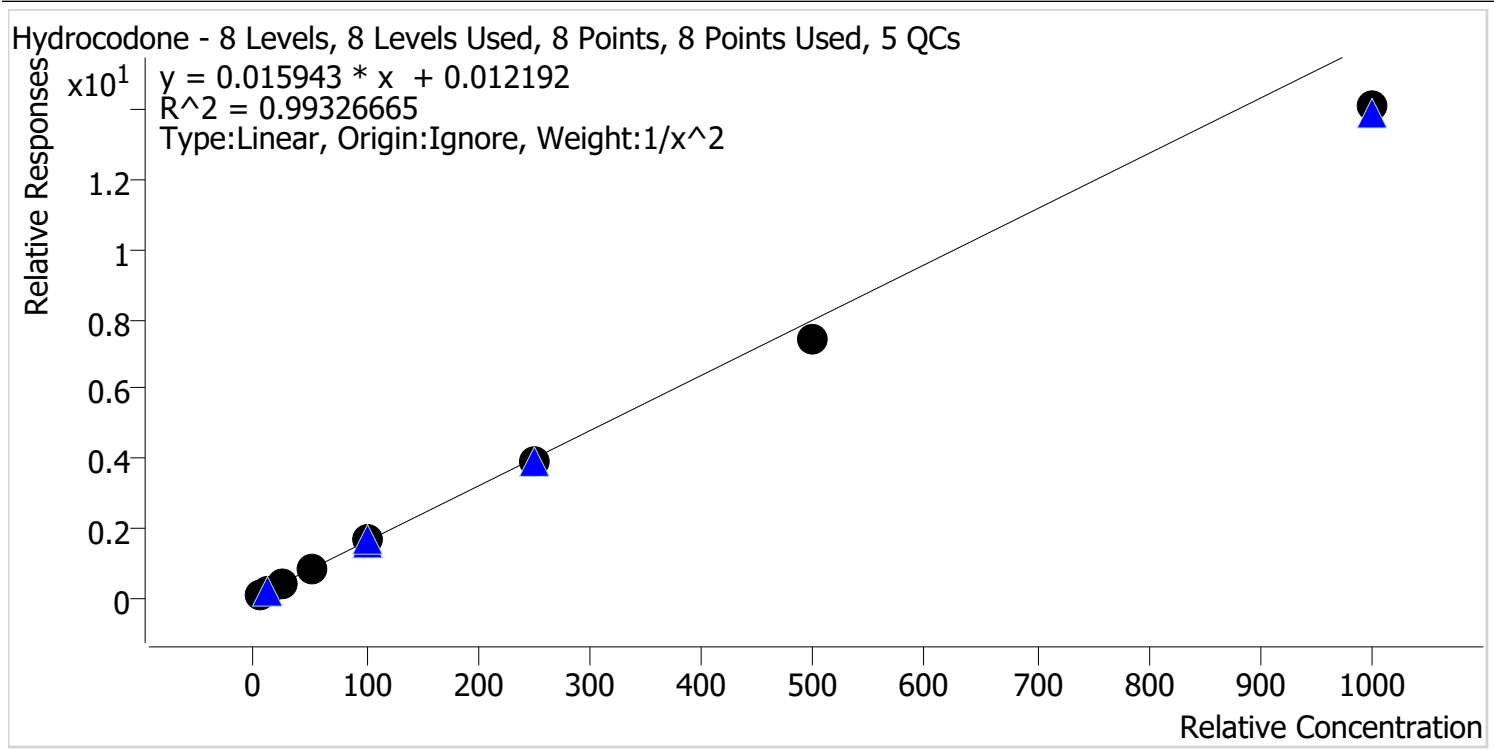
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1098.9	109.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	467.2	93.4
p1 Cal 8-1000ng	8	✓	1000.0	885.3	88.5

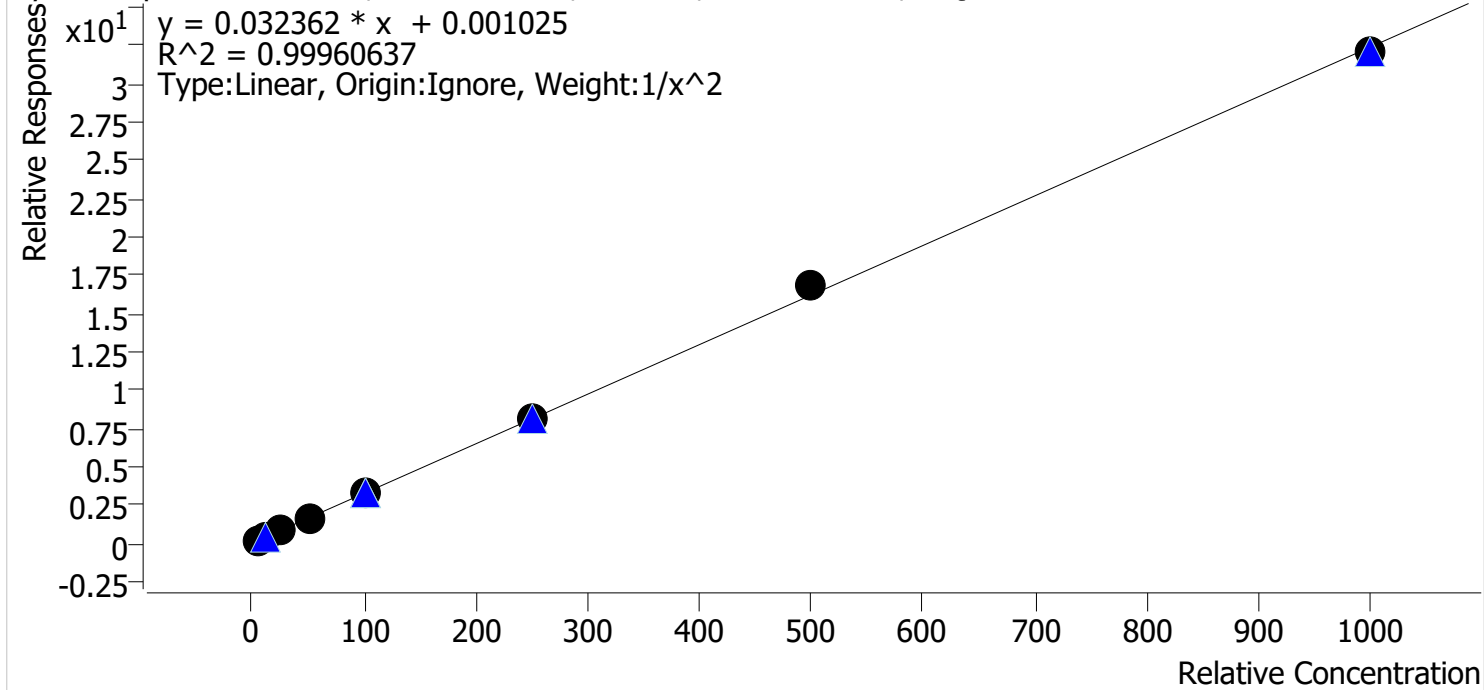
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	519.5	103.9
p1 Cal 8-1000ng	8	✓	1000.0	989.7	99.0



TS

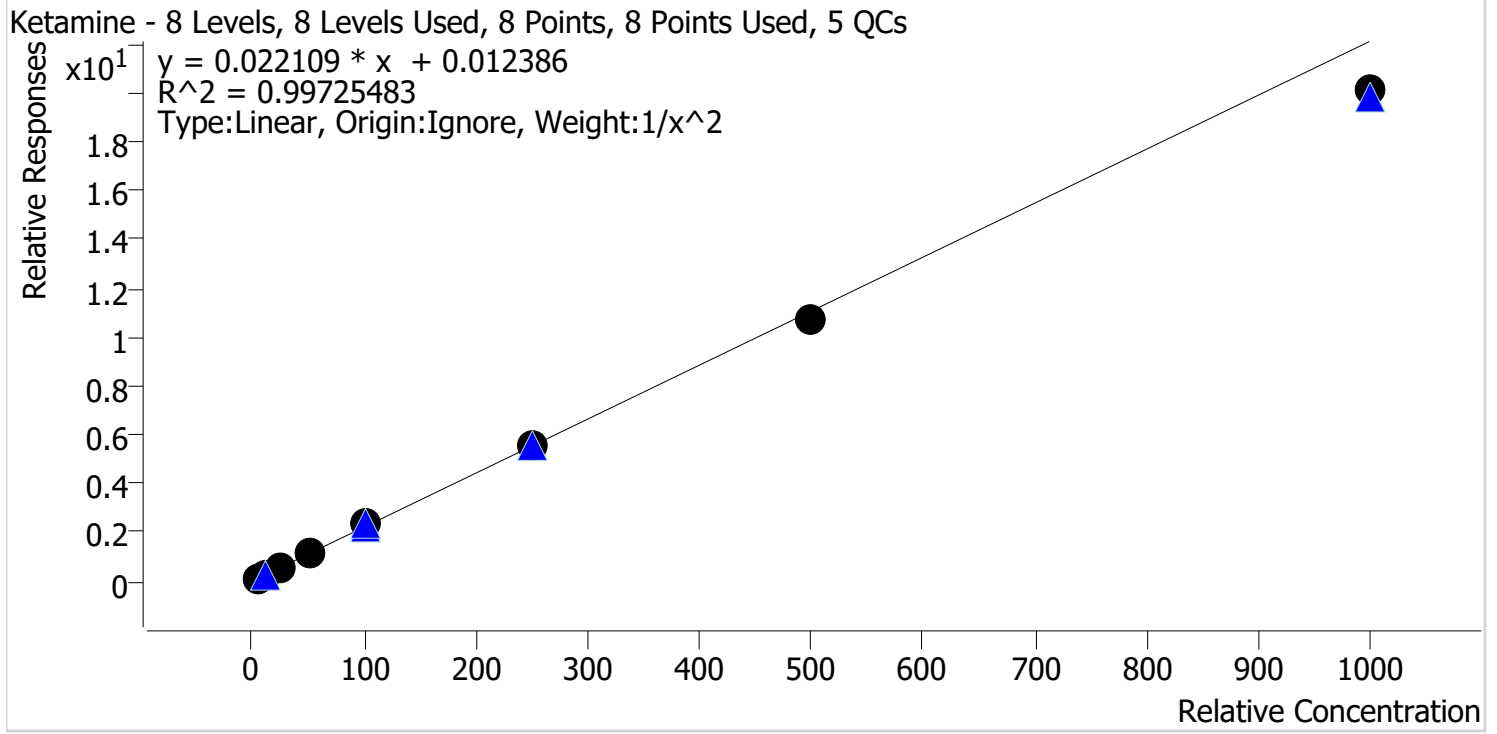
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	486.5	97.3
p1 Cal 8-1000ng	8	✓	1000.0	909.0	90.9

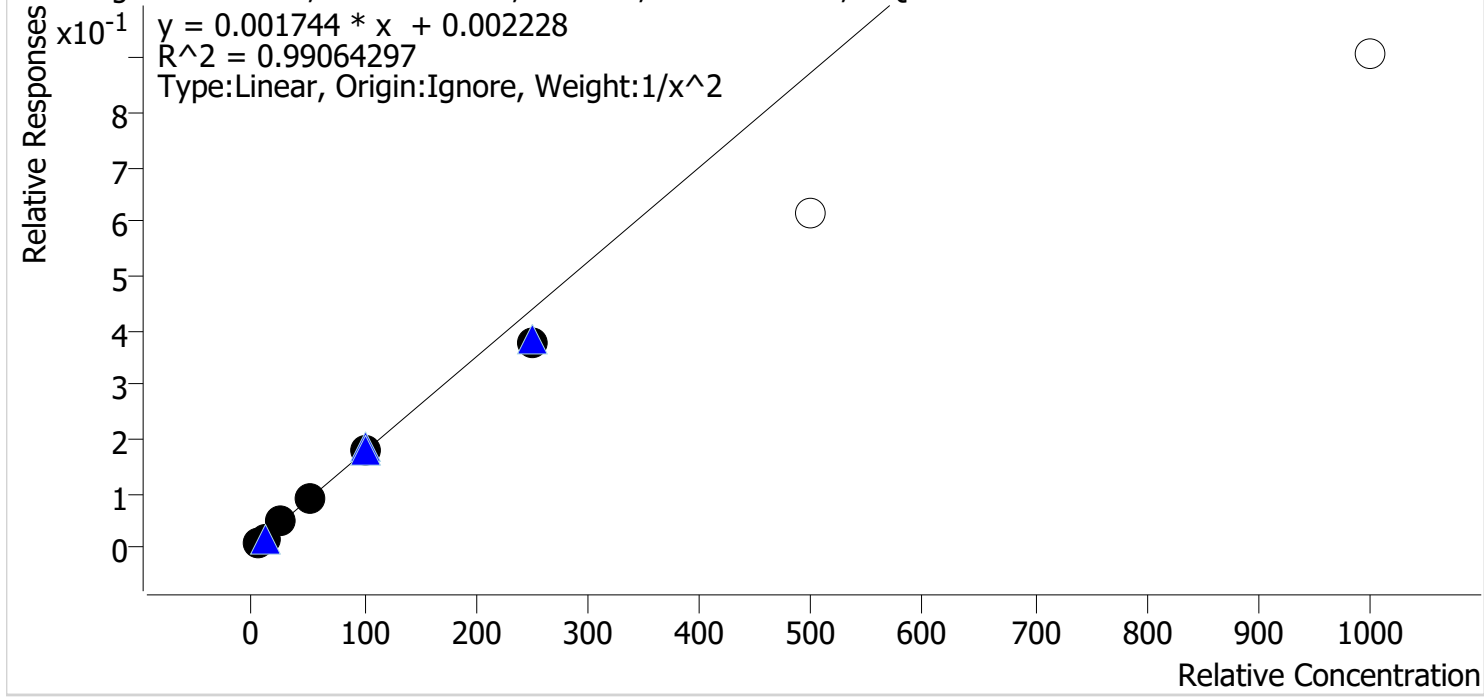
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

Lamotrigine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	215.6	86.2
p1 Cal 7-500ng	7	✗	500.0	352.3	70.5
p1 Cal 8-1000ng	8	✗	1000.0	518.8	51.9

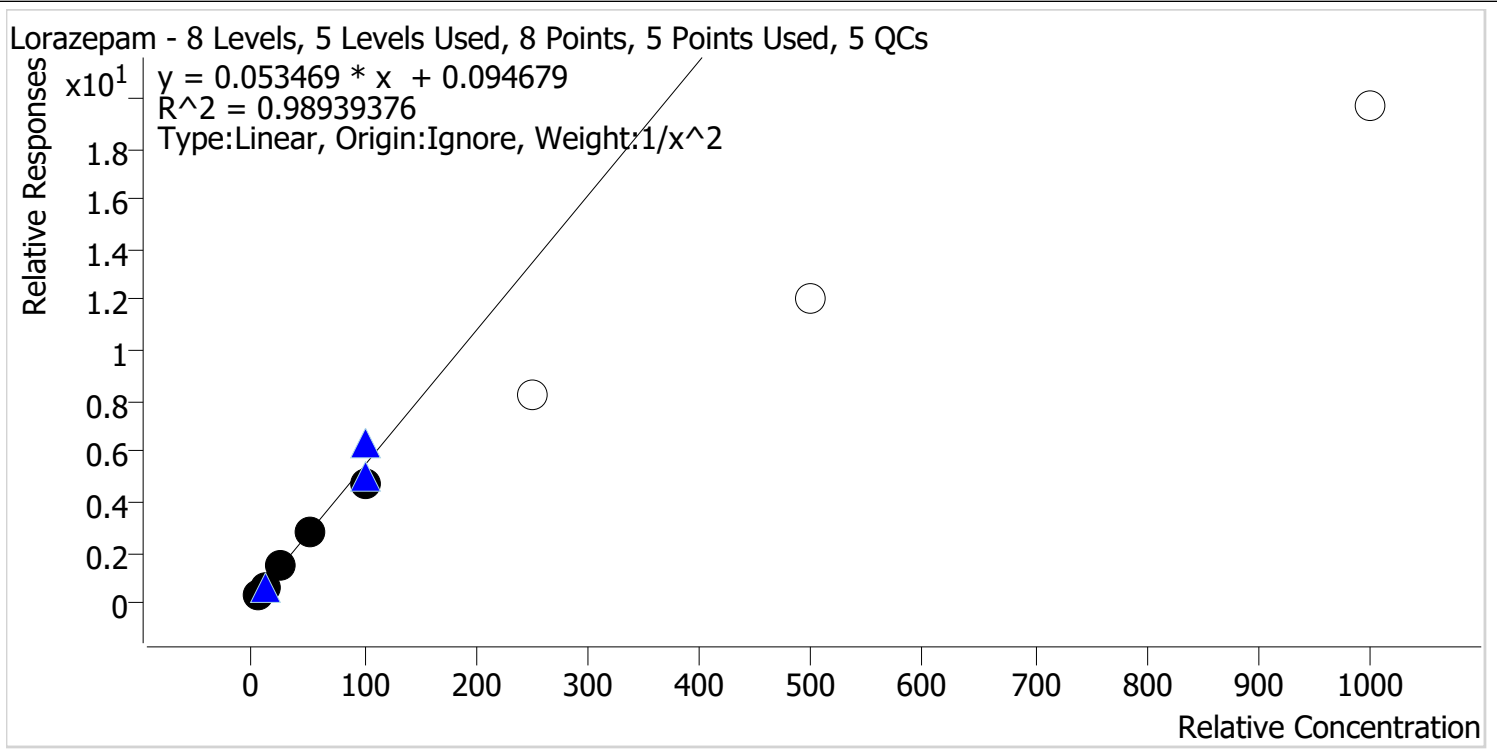
Calibrators 7 & 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	87.6	87.6
p1 Cal 6-250ng	6	✗	250.0	152.6	61.0
p1 Cal 7-500ng	7	✗	500.0	224.3	44.9
p1 Cal 8-1000ng	8	✗	1000.0	366.2	36.6

Calibrators 6, 7, & 8 dropped due to accuracy

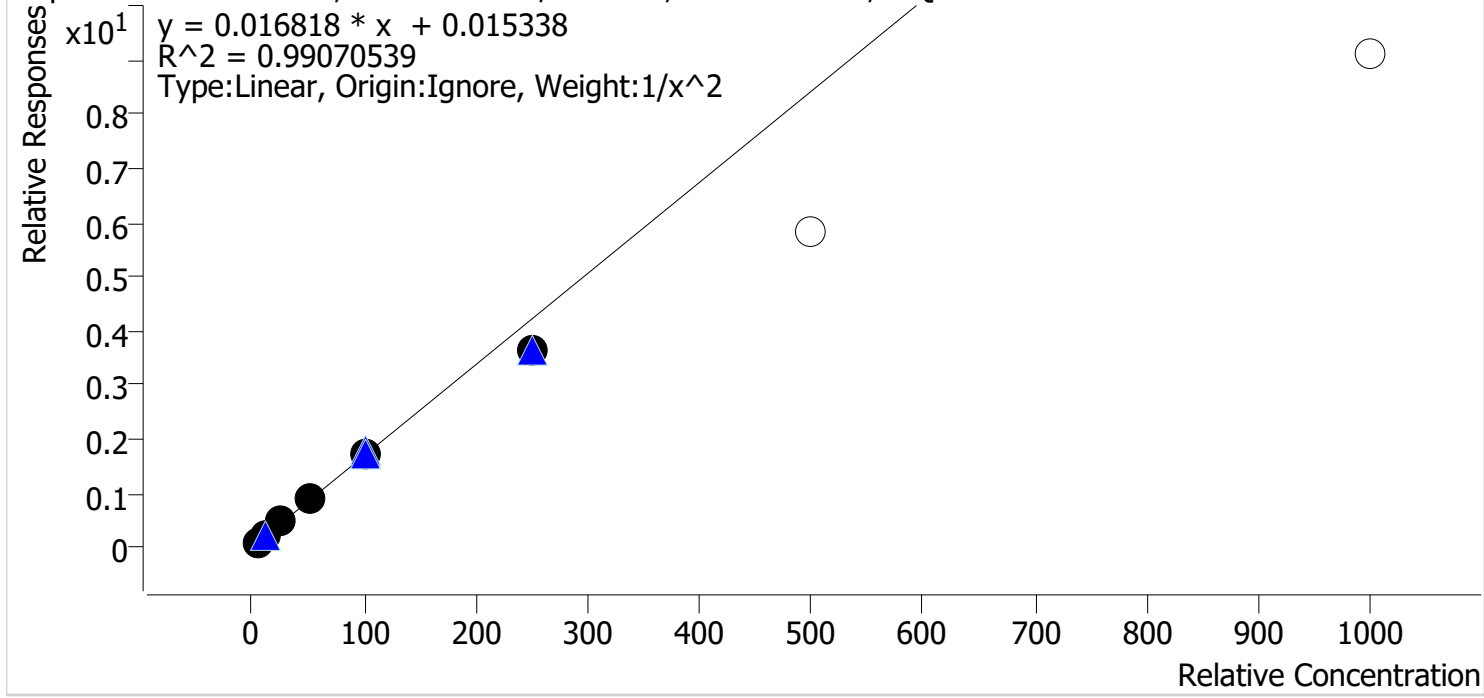
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	215.3	86.1
p1 Cal 7-500ng	7	✗	500.0	344.4	68.9
p1 Cal 8-1000ng	8	✗	1000.0	540.5	54.1

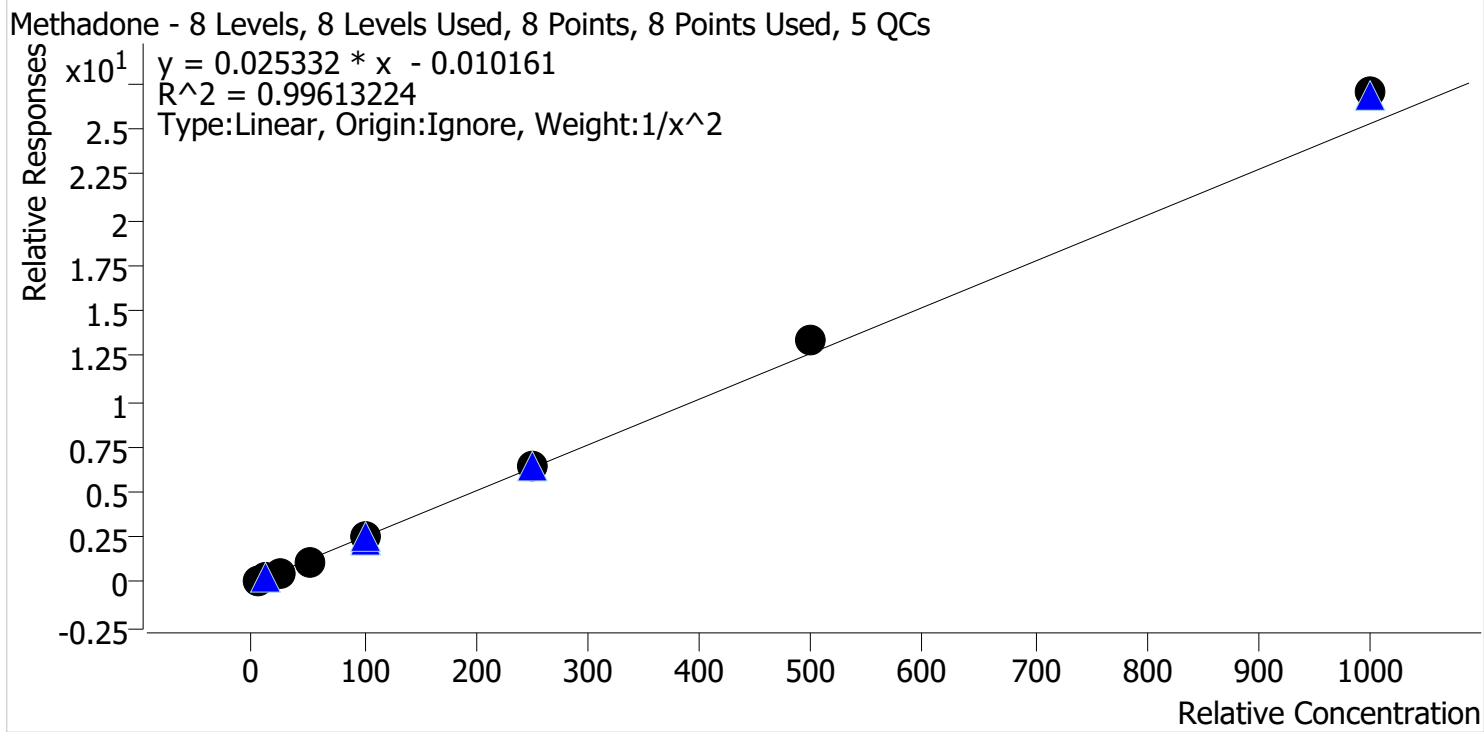
Calibrators 7 & 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

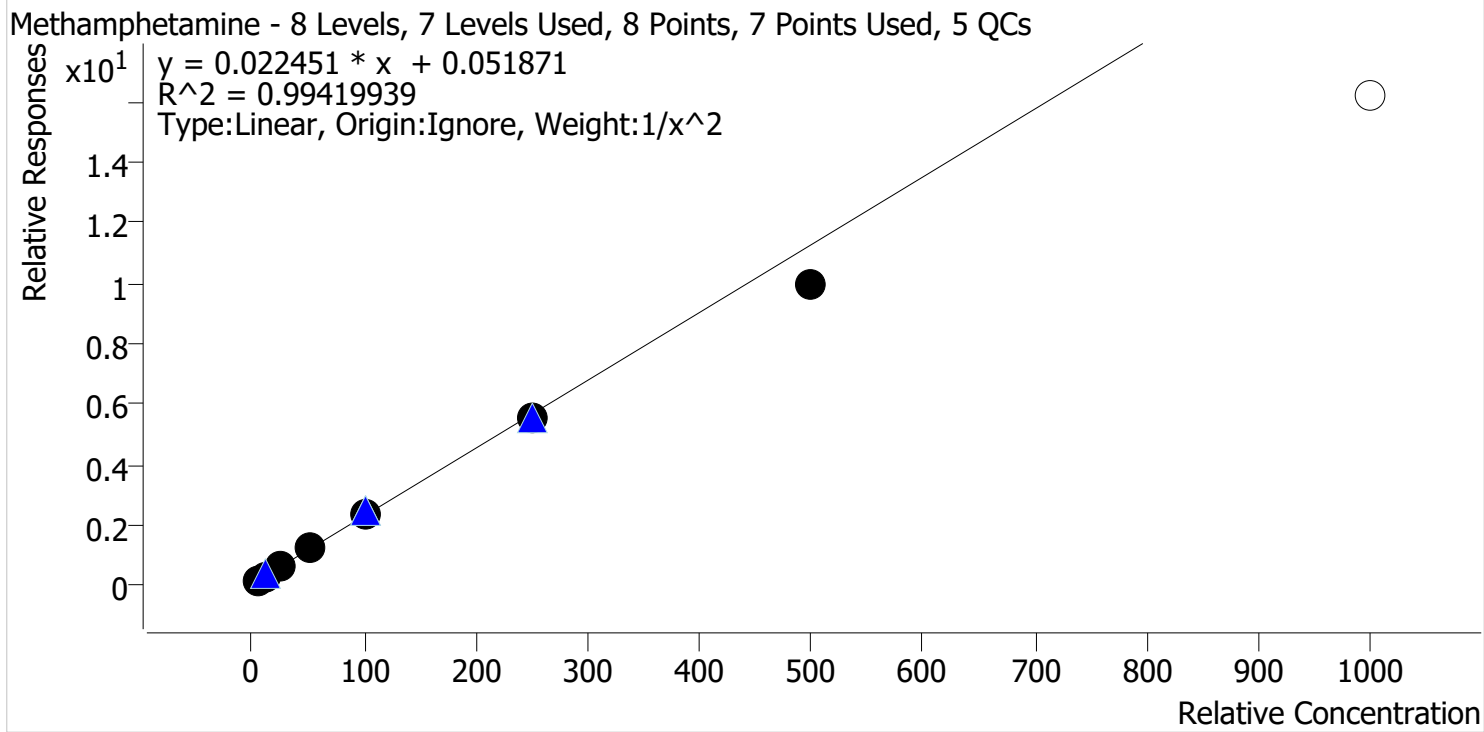


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	529.7	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1068.3	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	440.1	88.0
p1 Cal 8-1000ng	8	x	1000.0	718.9	71.9

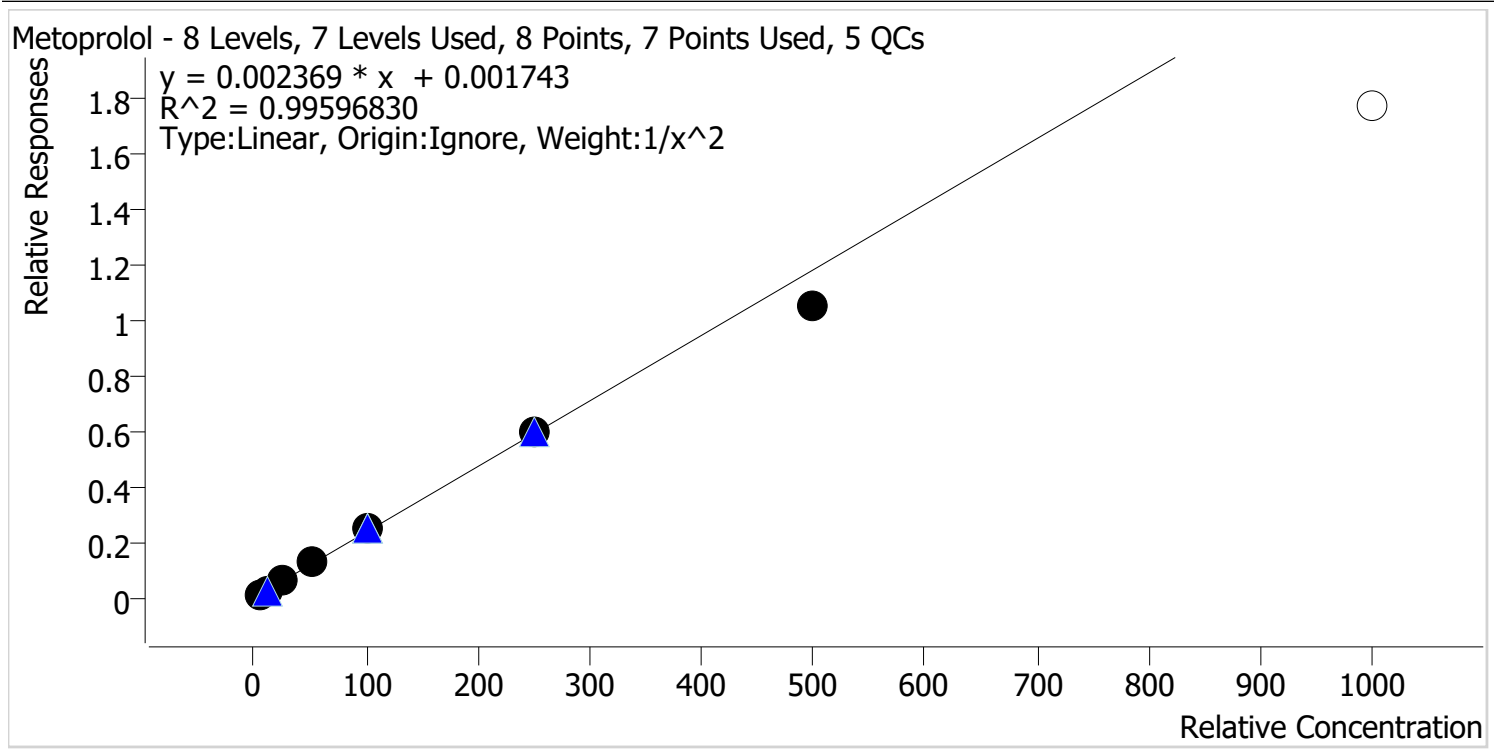
Calibrator 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	444.6	88.9
p1 Cal 8-1000ng	8	x	1000.0	749.4	74.9

Calibrator 8 dropped due to accuracy

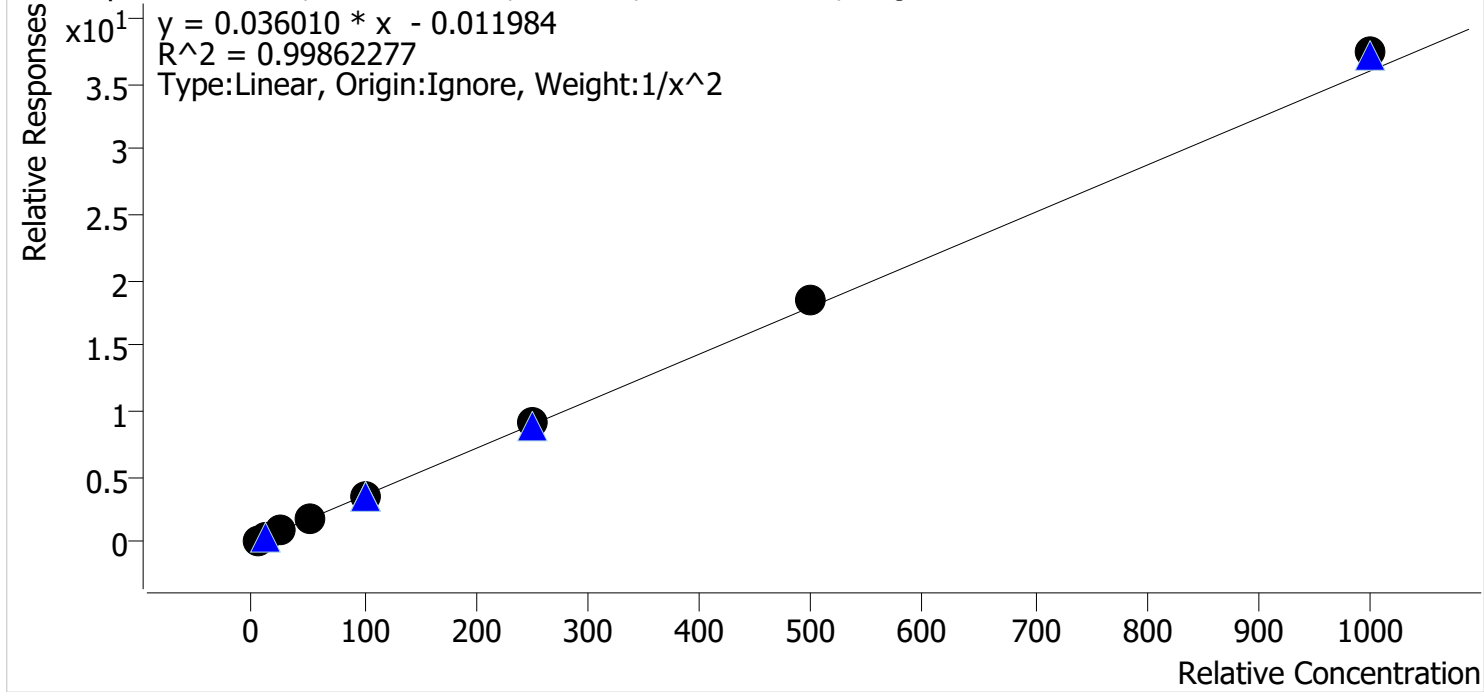
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

Mirtazapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	254.9	101.9
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1039.5	104.0

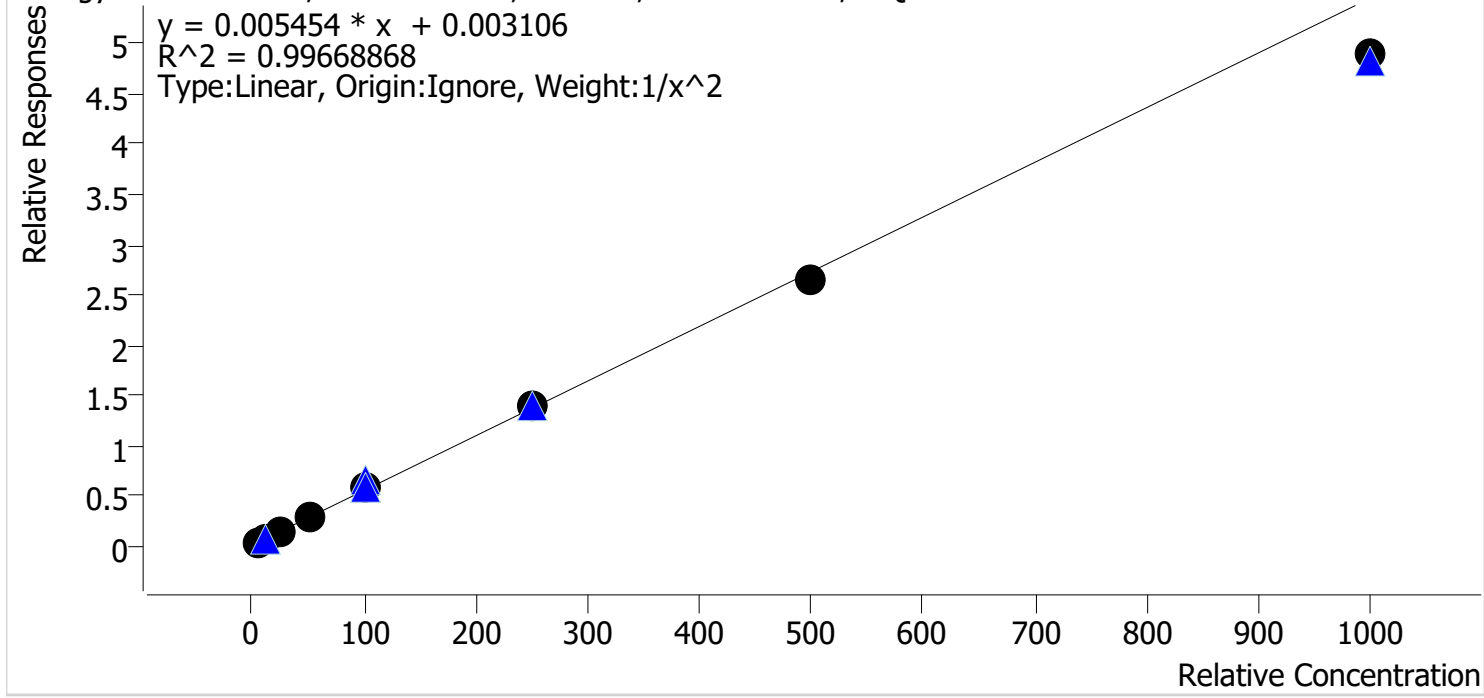
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

Mitragynine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



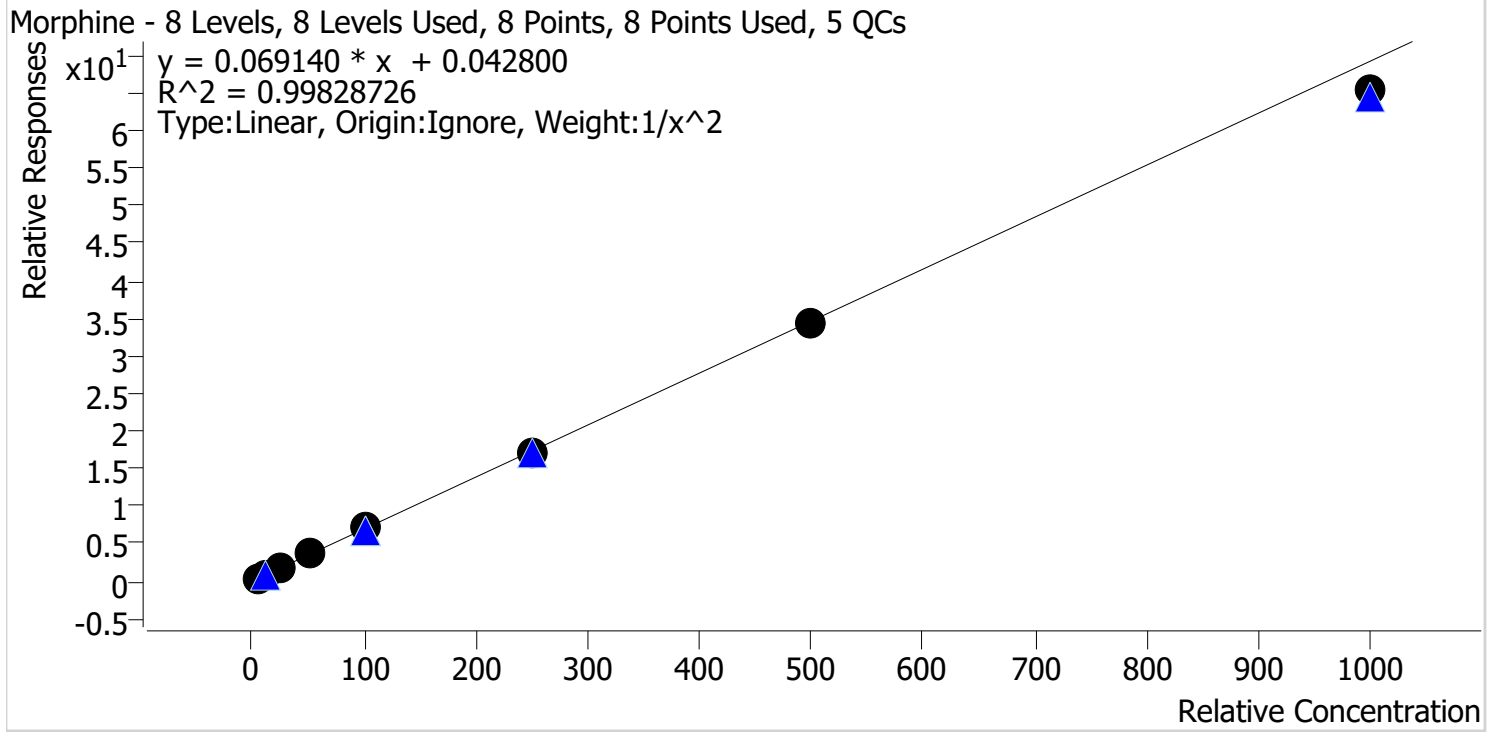
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	486.4	97.3
p1 Cal 8-1000ng	8	✓	1000.0	897.6	89.8



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	492.4	98.5
p1 Cal 8-1000ng	8	✓	1000.0	944.1	94.4

TS



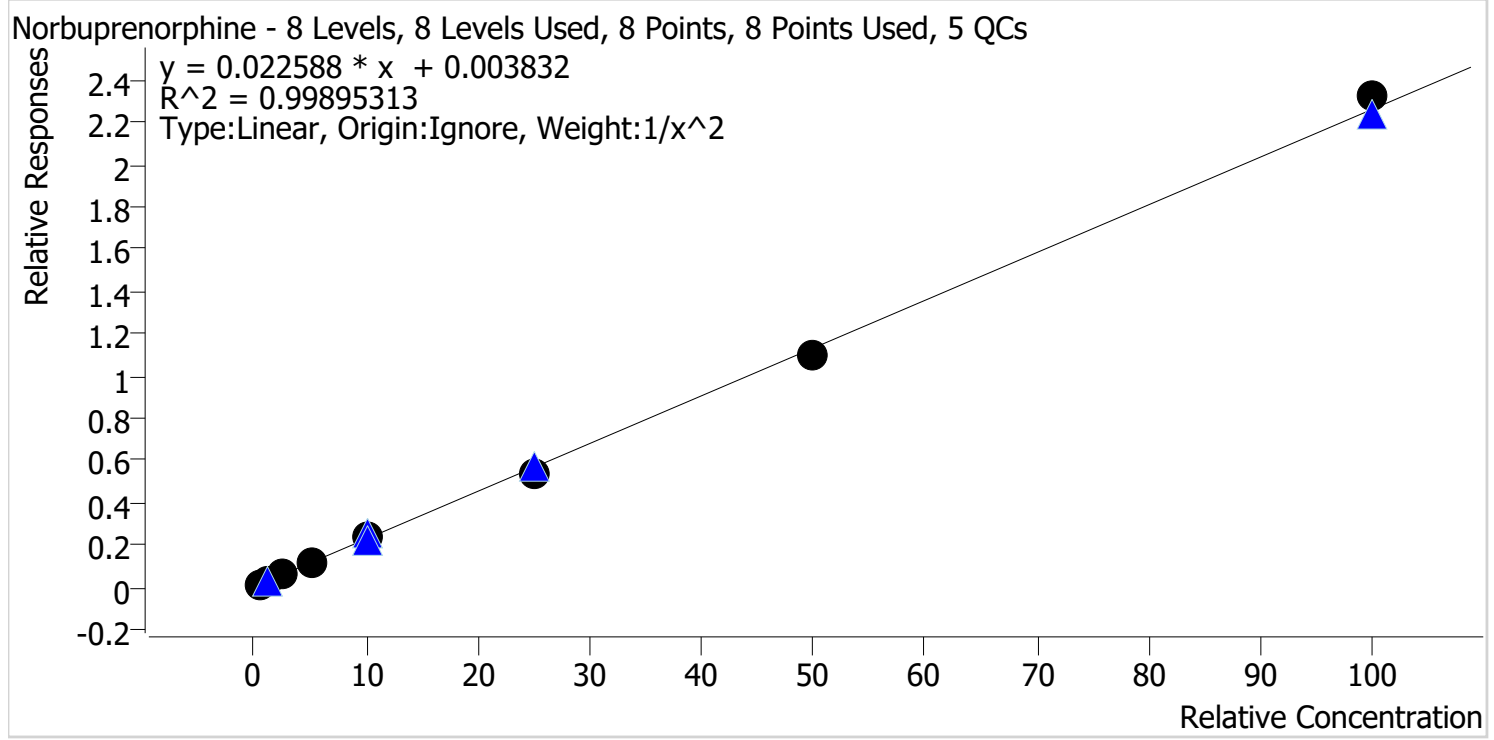
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.8
p1 Cal 2-10ng	2	✓	1.0	1.0	101.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.4
p1 Cal 4-50ng	4	✓	5.0	5.0	100.6
p1 Cal 5-100ng	5	✓	10.0	10.3	102.9
p1 Cal 6-250ng	6	✓	25.0	23.8	95.4
p1 Cal 7-500ng	7	✓	50.0	48.3	96.6
p1 Cal 8-1000ng	8	✓	100.0	102.7	102.7

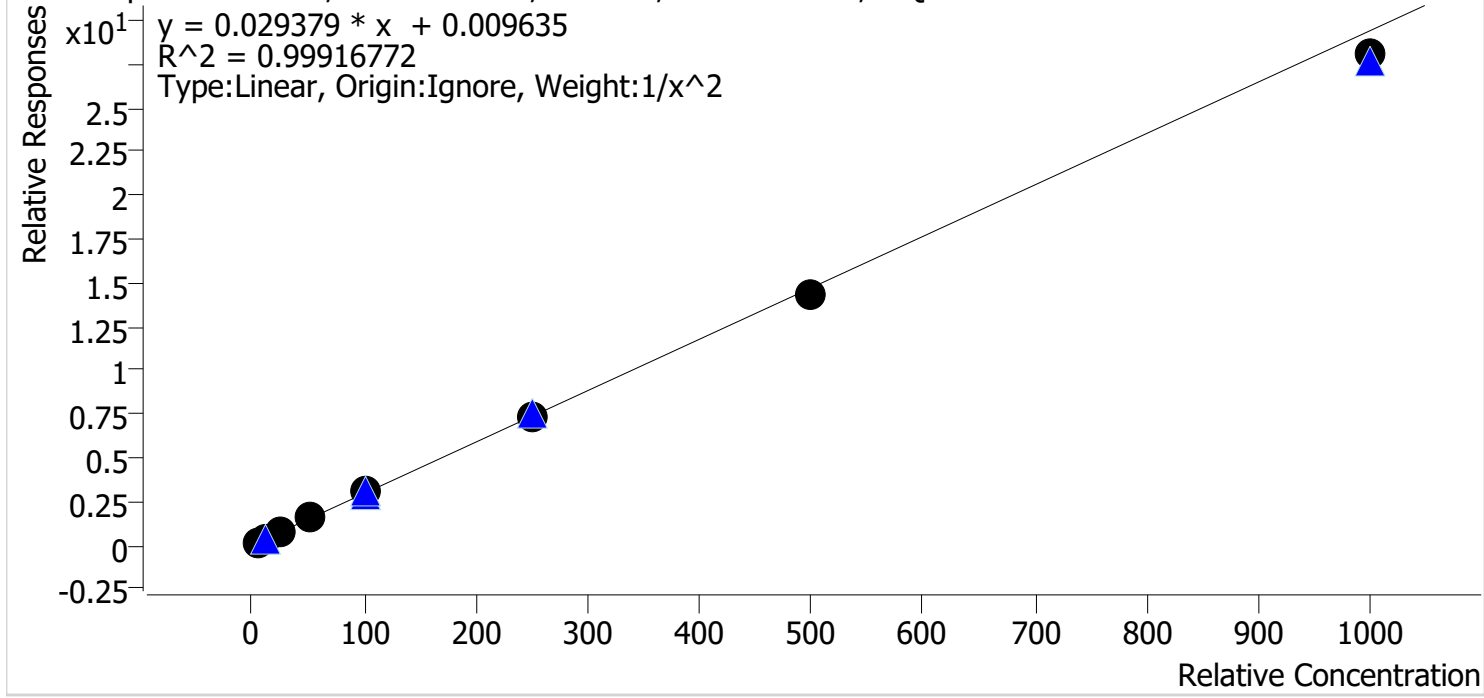
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

Nordiazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	954.1	95.4

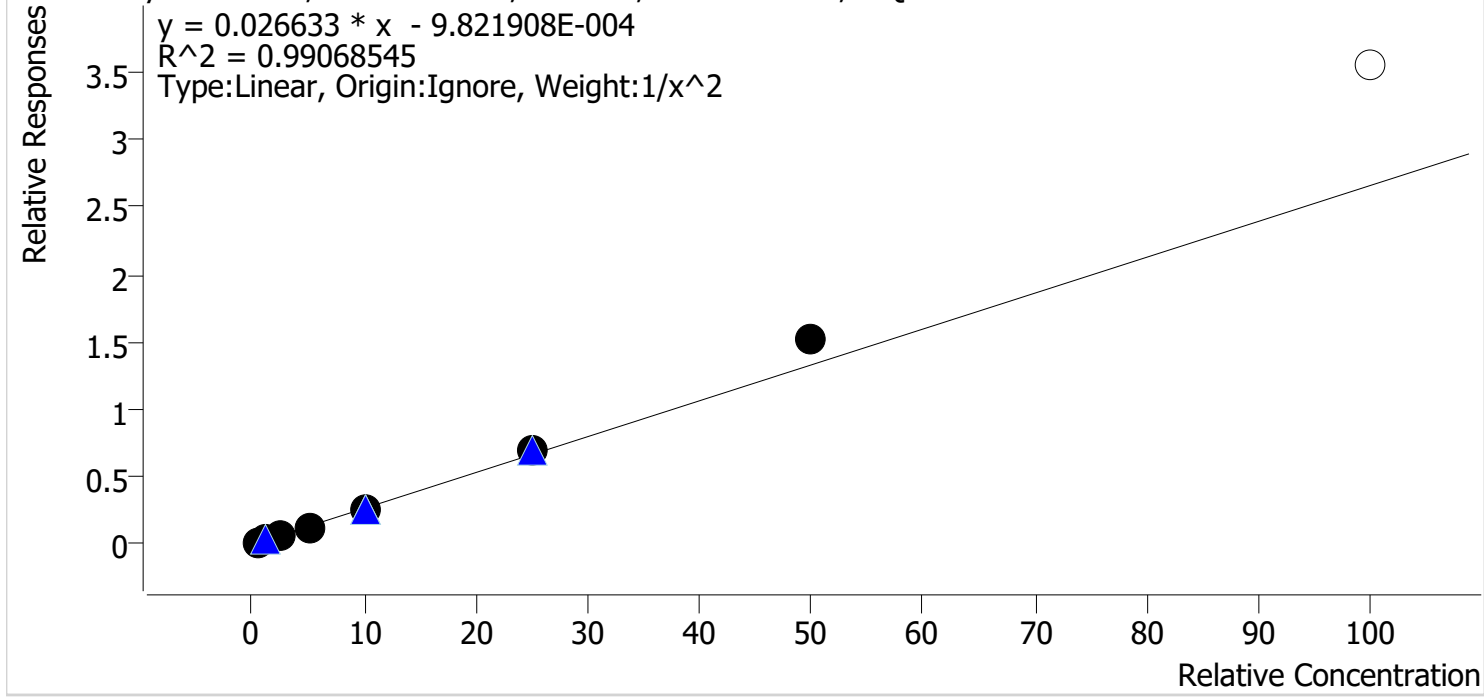
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.9
p1 Cal 2-10ng	2	✓	1.0	0.9	94.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.7
p1 Cal 4-50ng	4	✓	5.0	4.7	93.3
p1 Cal 5-100ng	5	✓	10.0	9.6	96.2
p1 Cal 6-250ng	6	✓	25.0	25.9	103.6
p1 Cal 7-500ng	7	✓	50.0	57.4	114.9
p1 Cal 8-1000ng	8	x	100.0	133.9	133.9

Calibrator 8 dropped due to accuracy

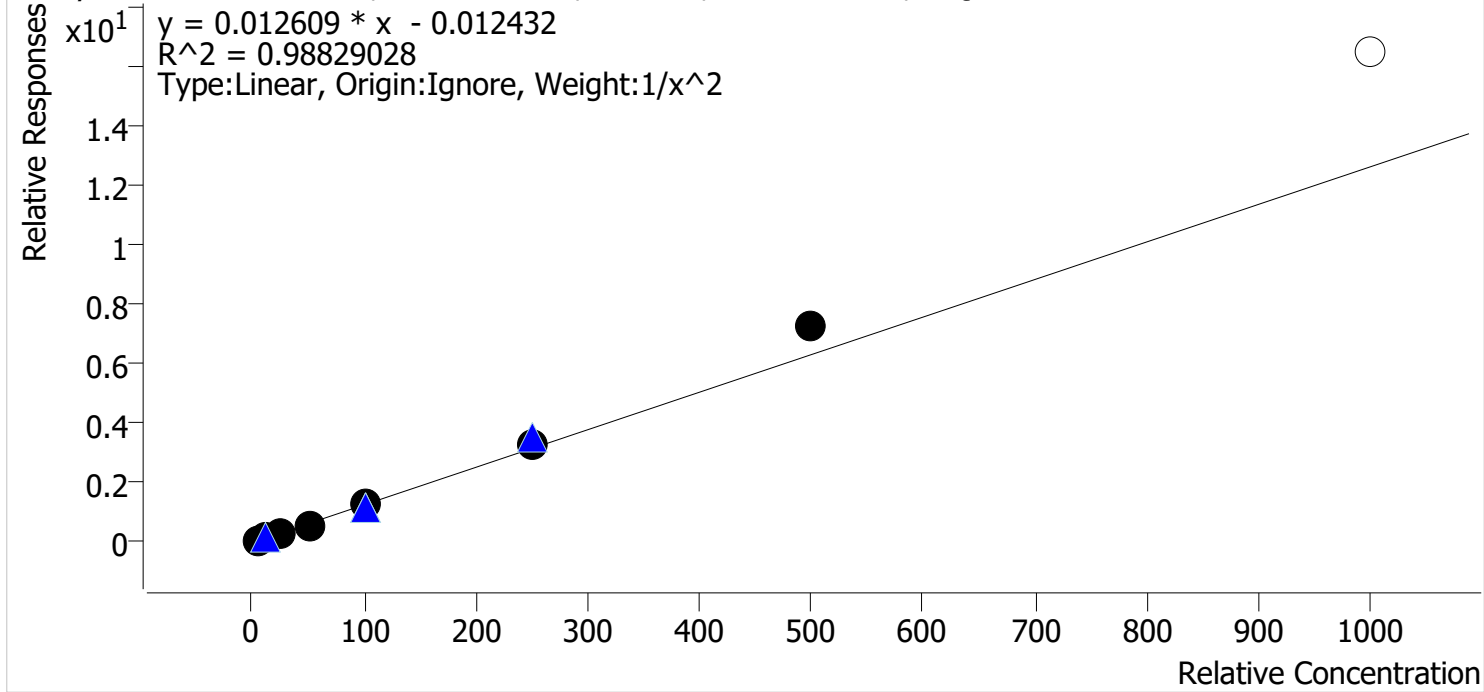
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

Norhydrocodone - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
p1 Cal 2-10ng	2	✓	10.0	9.0	90.1
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	580.6	116.1
p1 Cal 8-1000ng	8	x	1000.0	1305.2	130.5

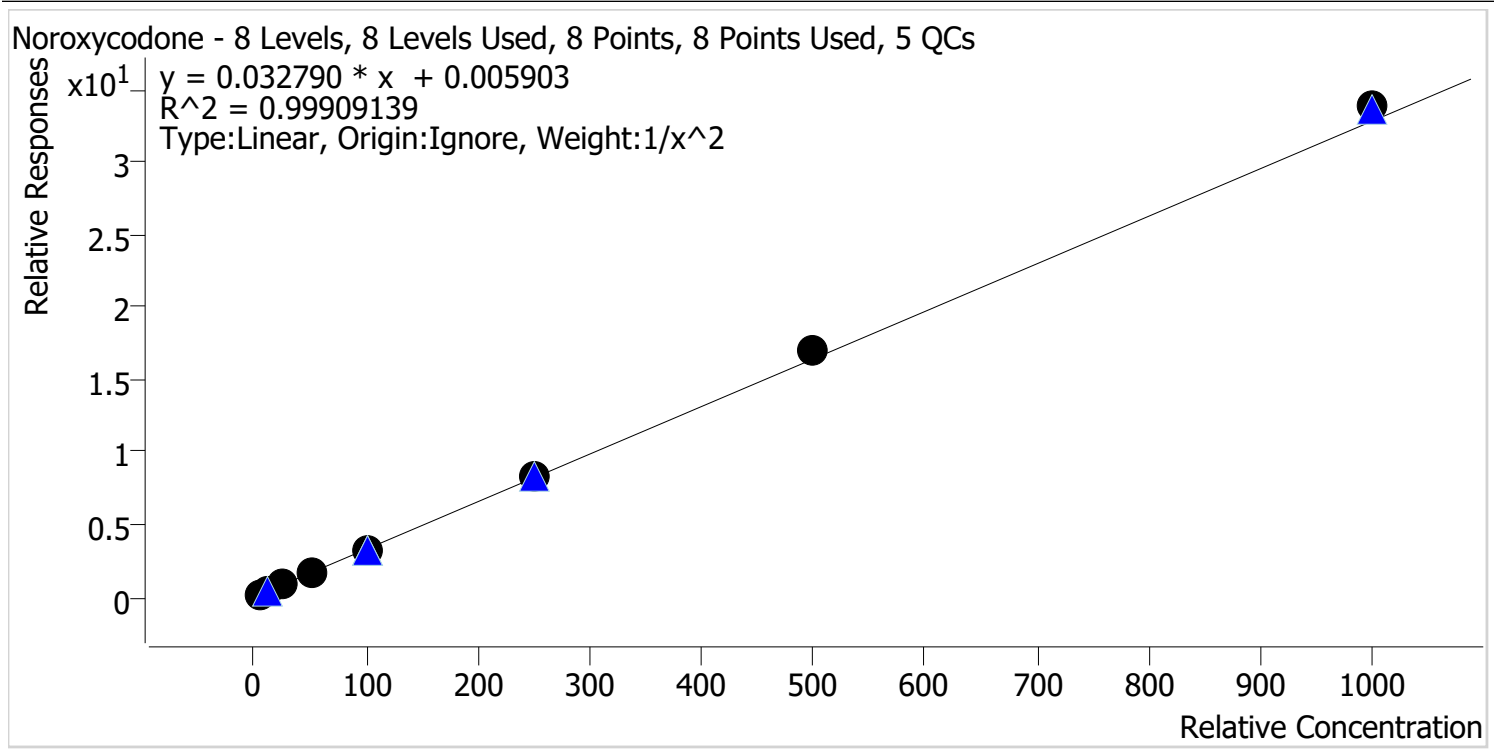
Calibrator 8 dropped due to accuracy

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



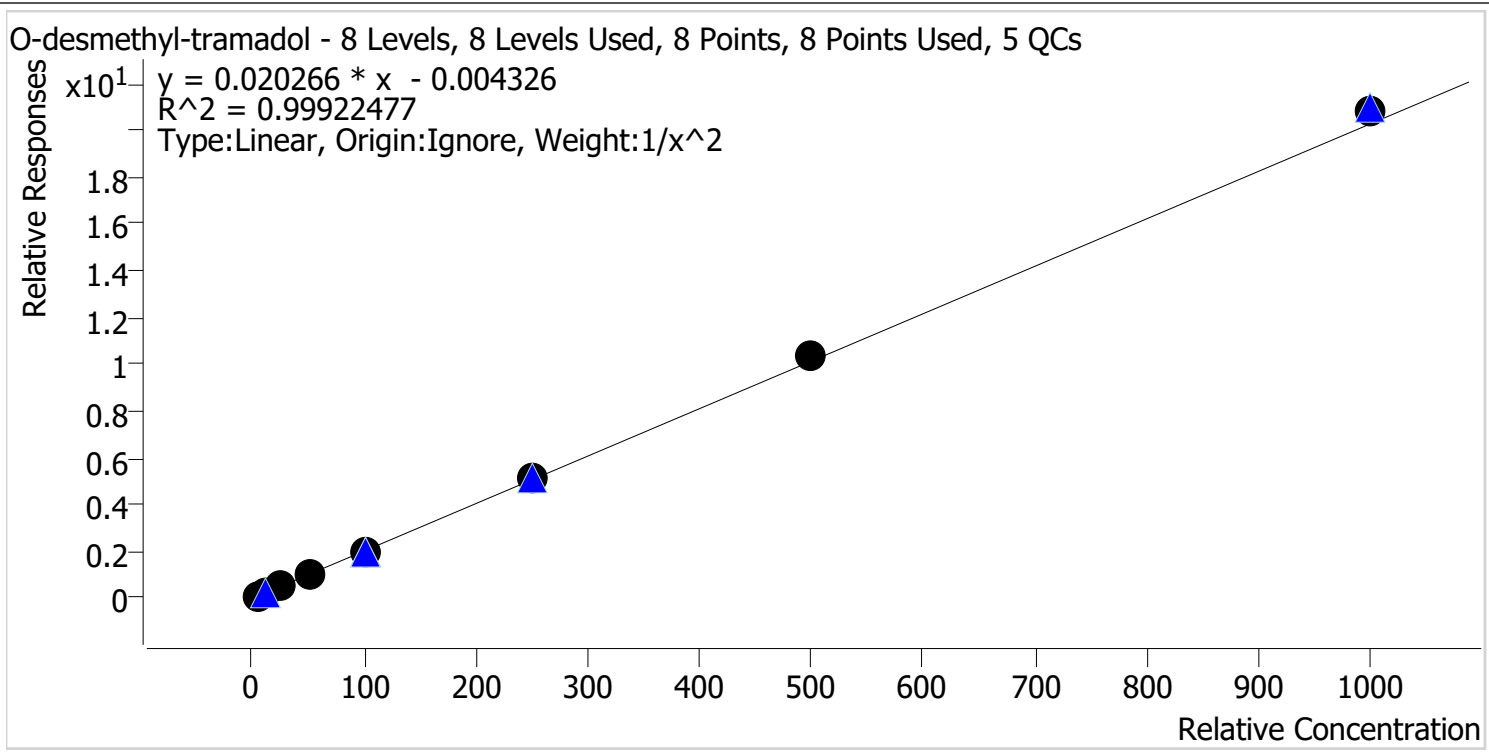
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1031.3	103.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1026.1	102.6

TS



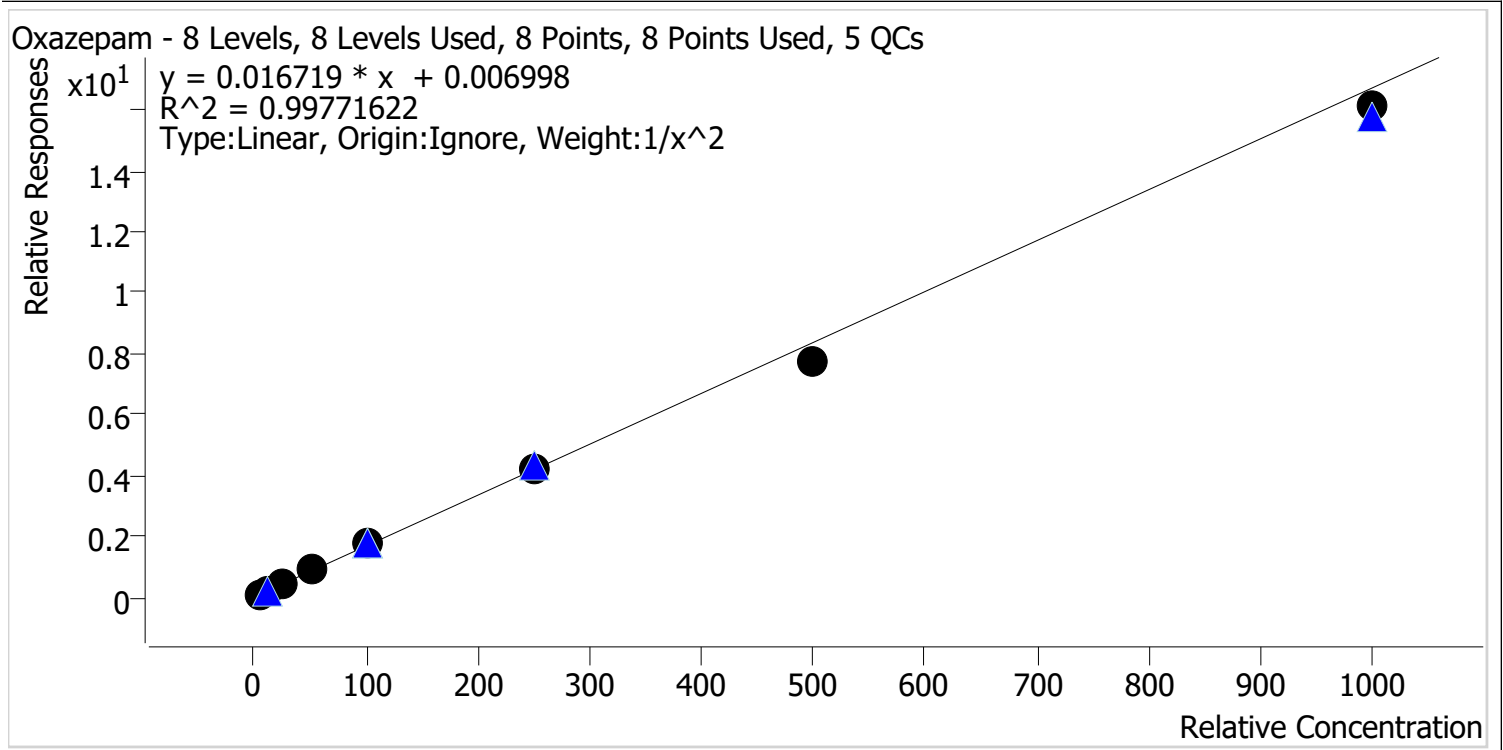
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Oxazepam **Internal Standard** Oxazepam-D5



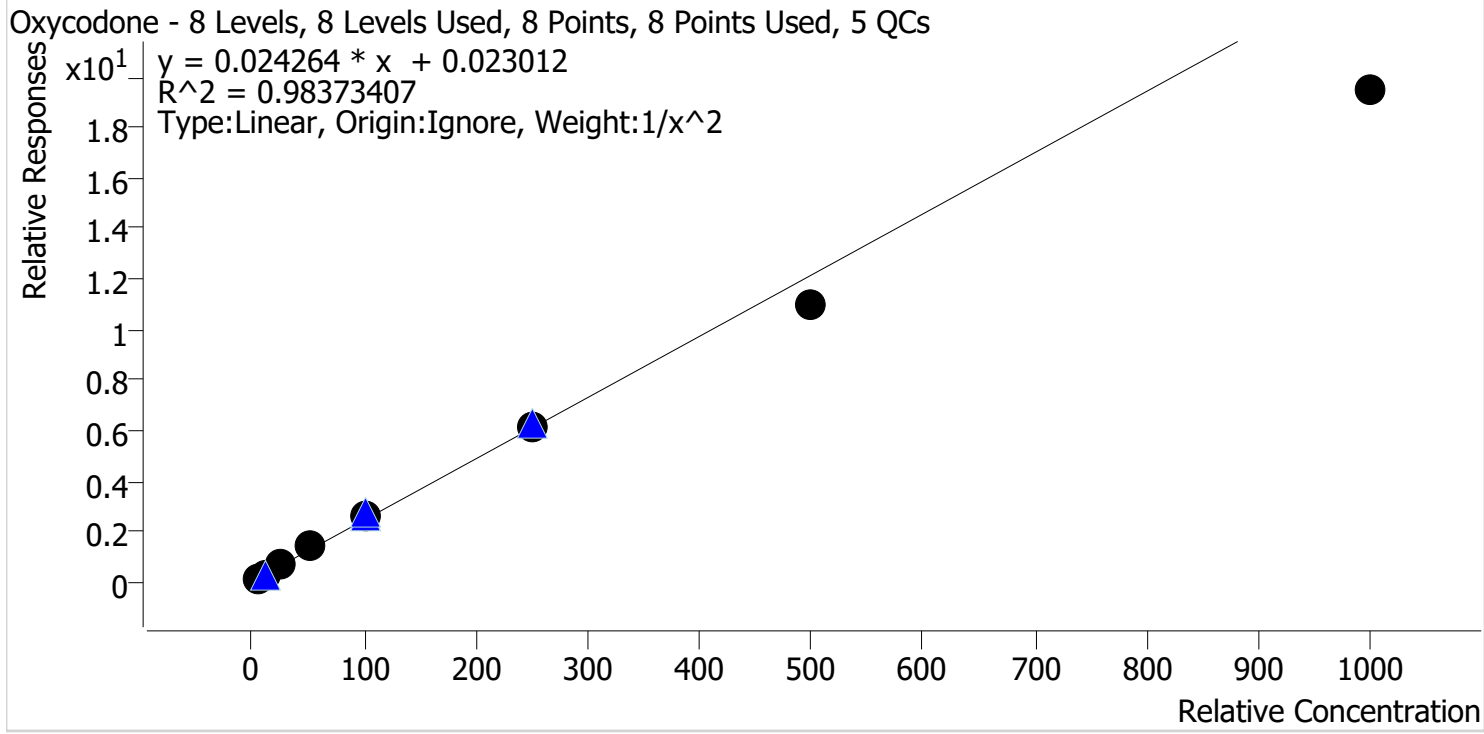
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	462.9	92.6
p1 Cal 8-1000ng	8	✓	1000.0	964.0	96.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	55.8	111.5
p1 Cal 5-100ng	5	✓	100.0	108.8	108.8
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	450.1	90.0
p1 Cal 8-1000ng	8	✓	1000.0	801.8	80.2

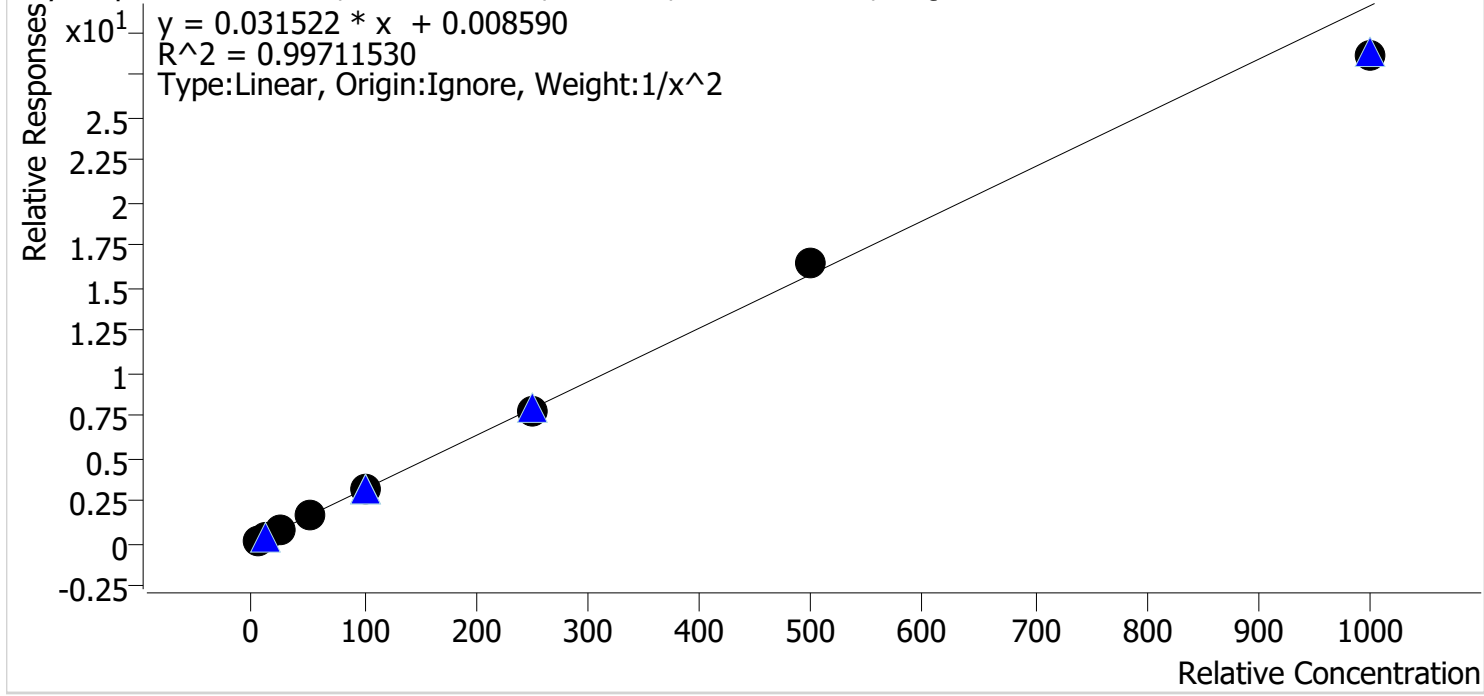
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

Oxymorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



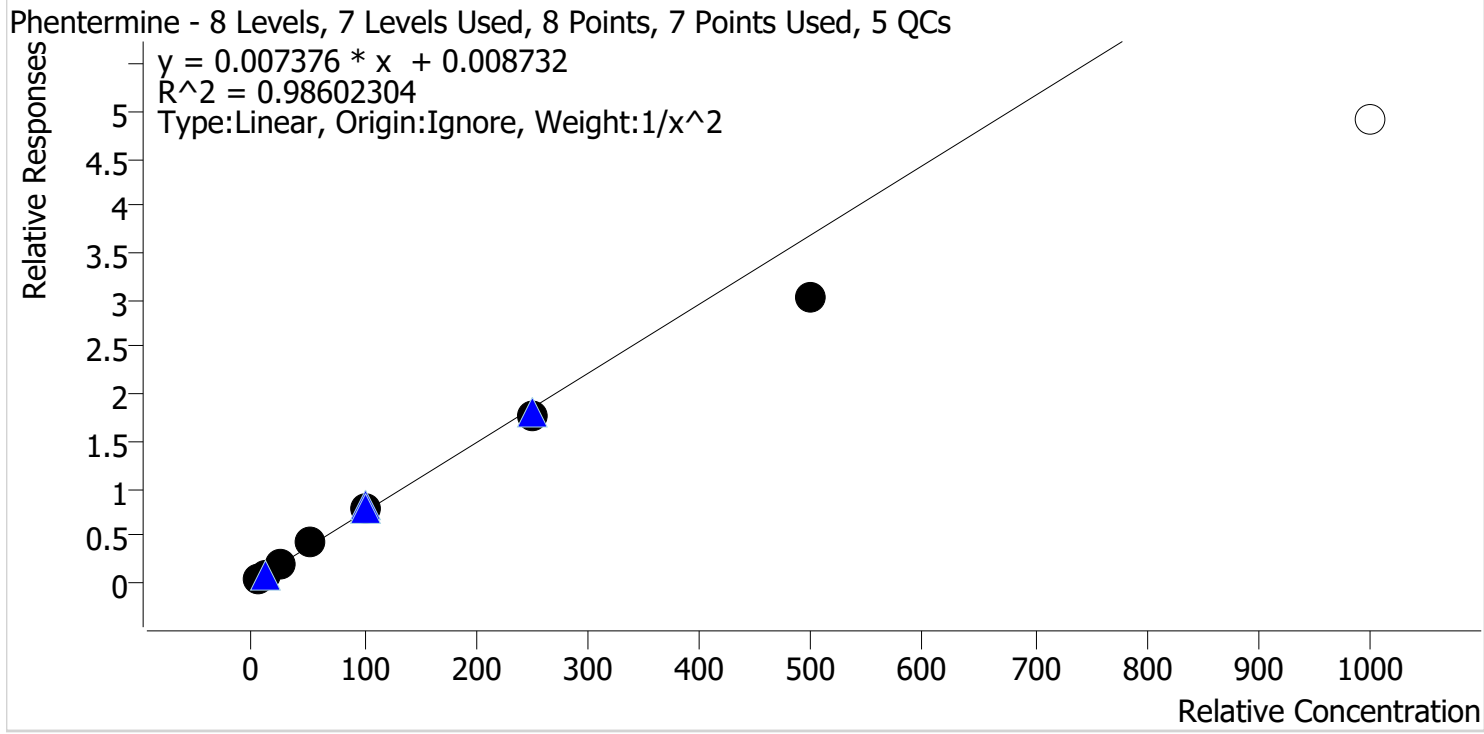
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	523.0	104.6
p1 Cal 8-1000ng	8	✓	1000.0	906.2	90.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.4
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
p1 Cal 7-500ng	7	✓	500.0	407.3	81.5
p1 Cal 8-1000ng	8	x	1000.0	666.8	66.7

Calibrator 8 dropped due to accuracy

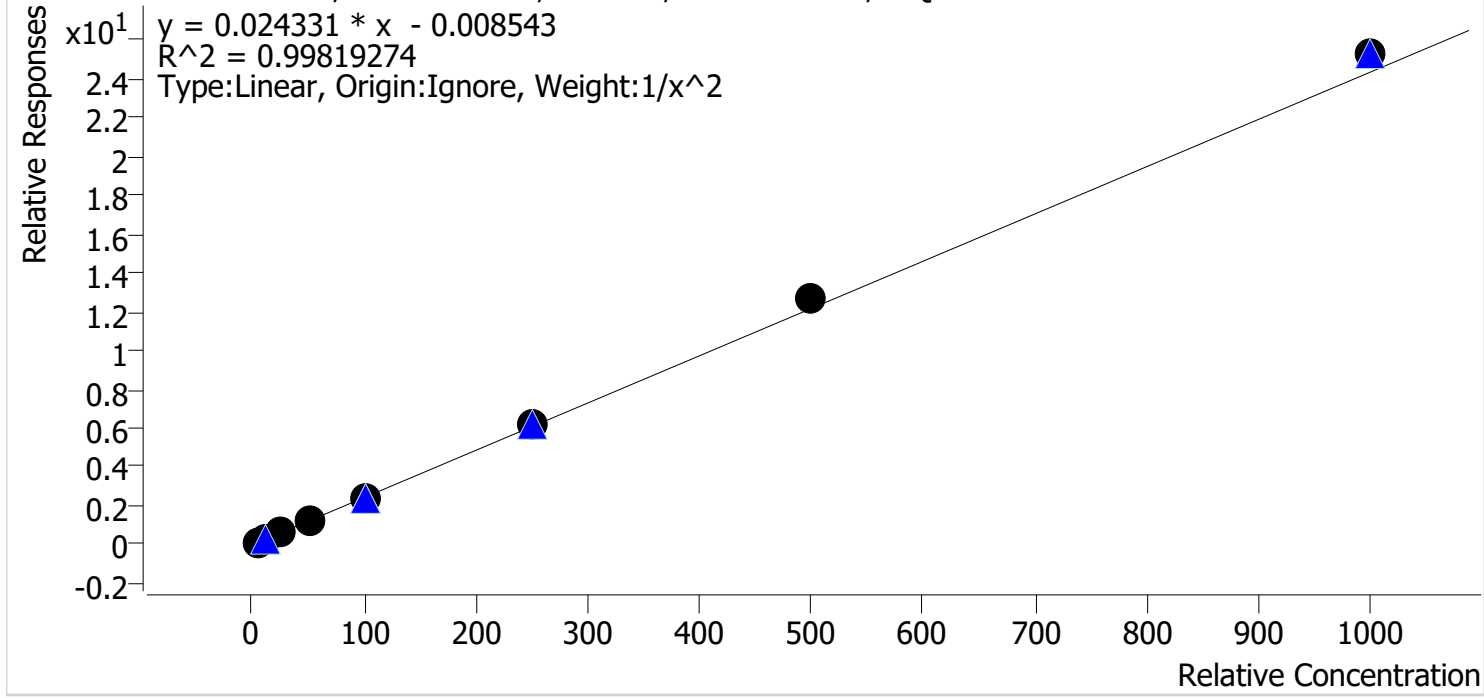
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

Promethazine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1037.9	103.8

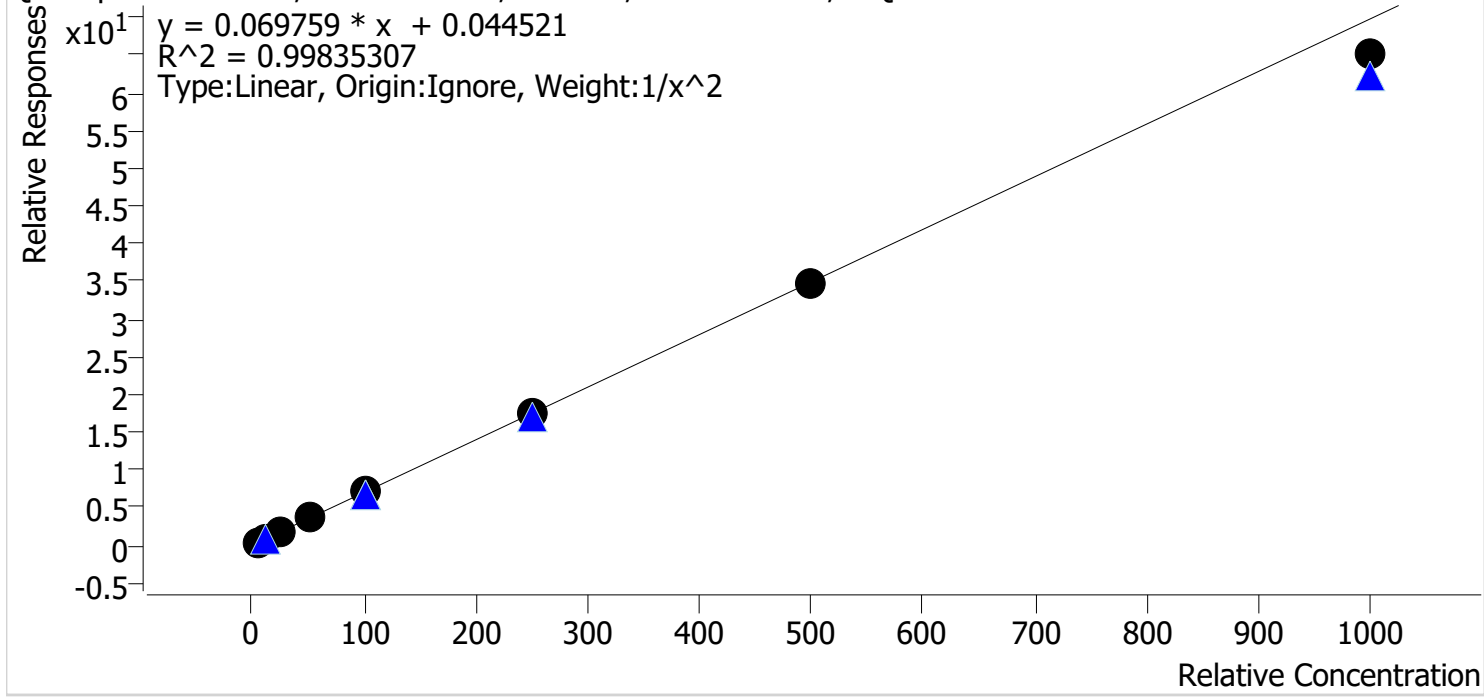
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

Quetiapine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



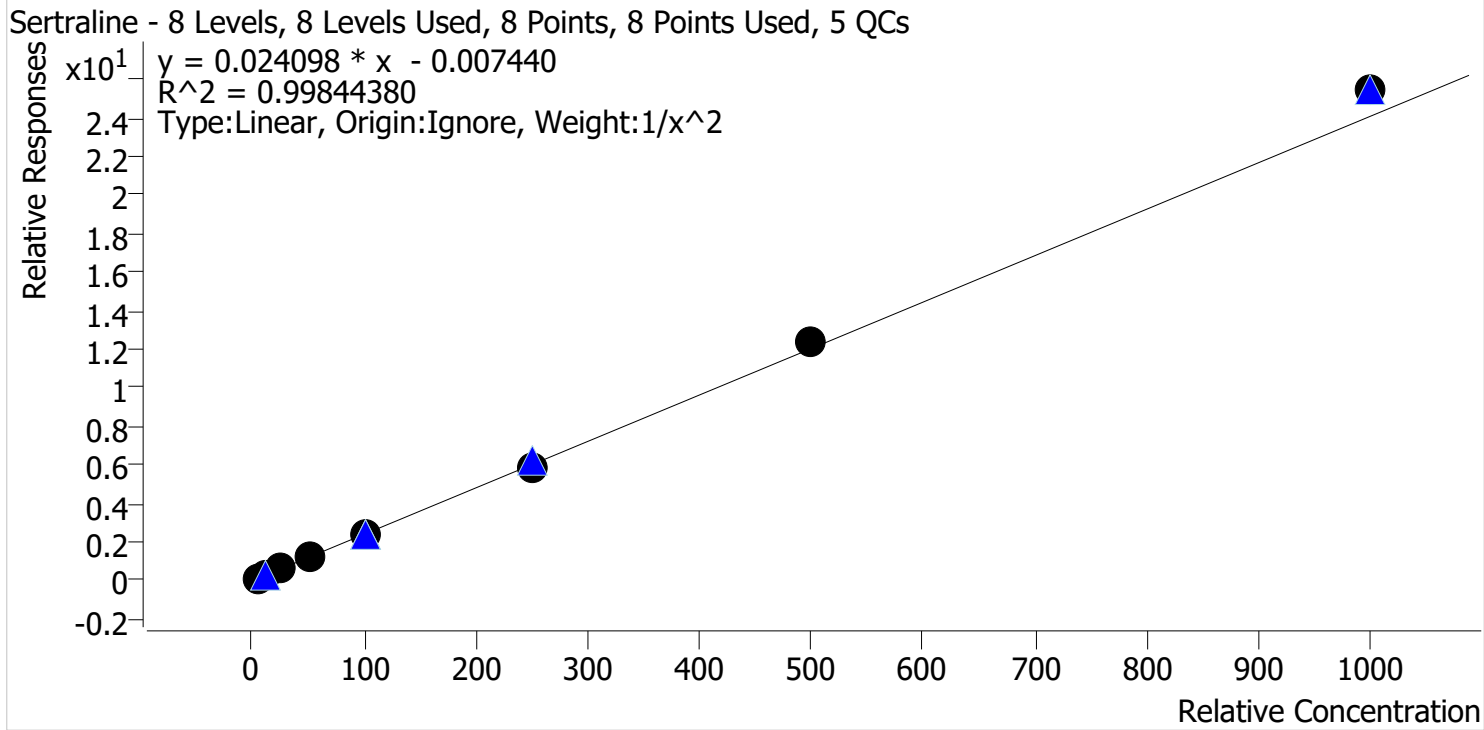
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	932.8	93.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	517.1	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1056.2	105.6

TS



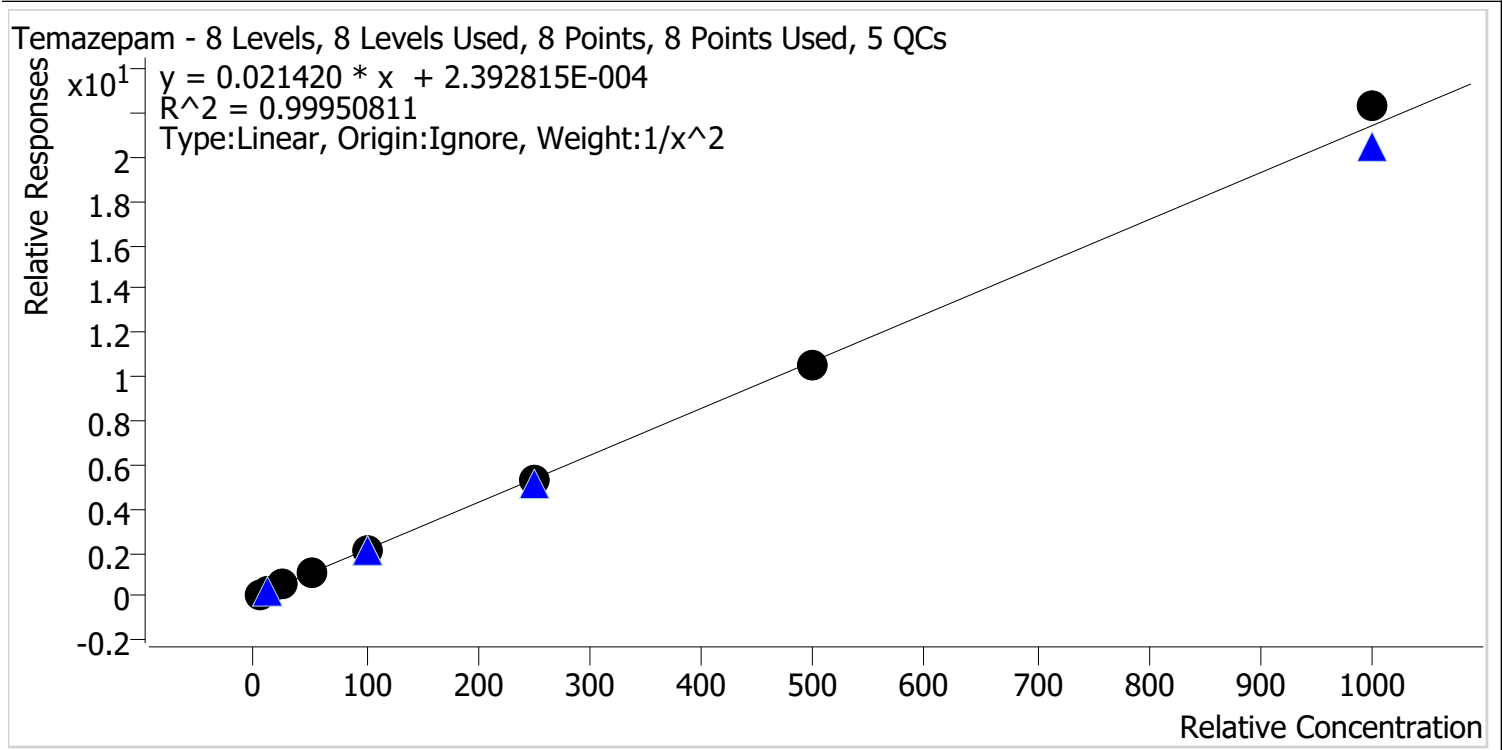
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Temazepam **Internal Standard** Temazepam-D5



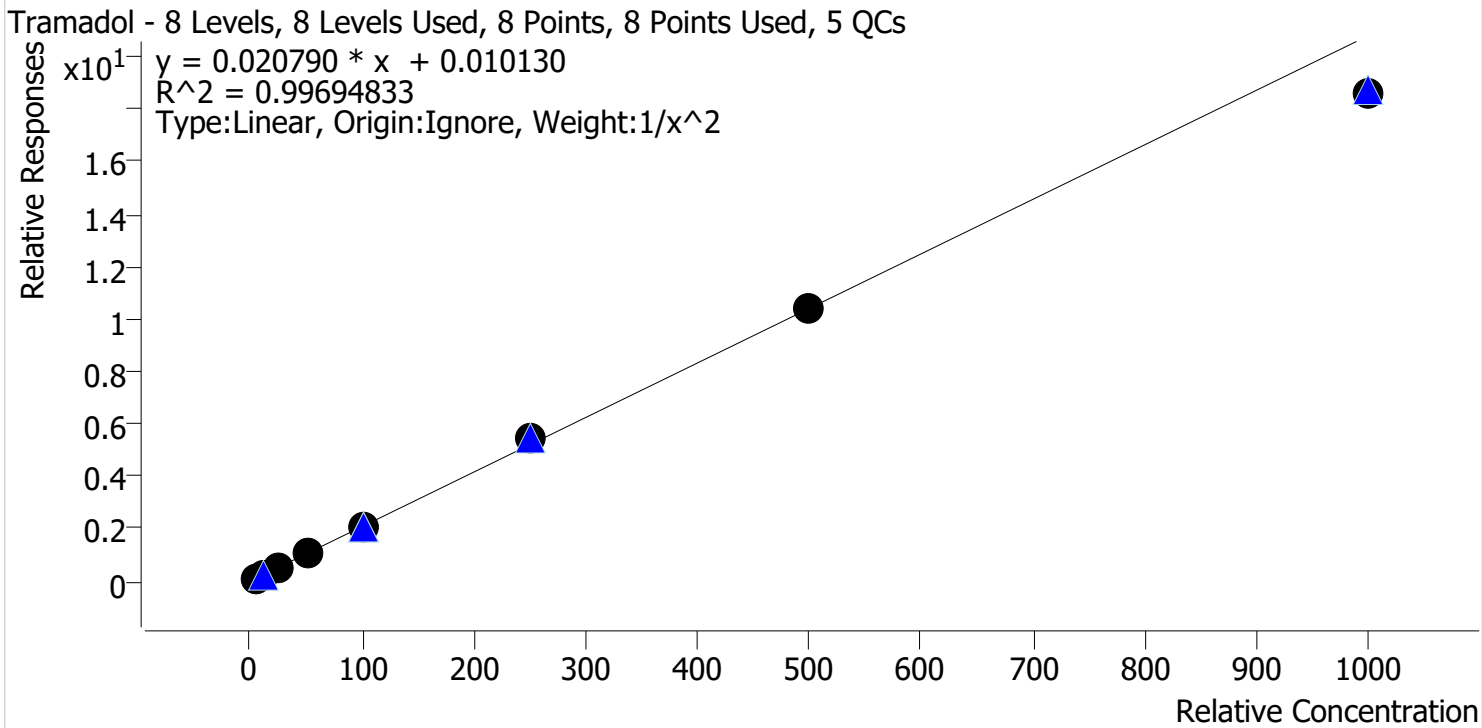
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	493.0	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1041.0	104.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

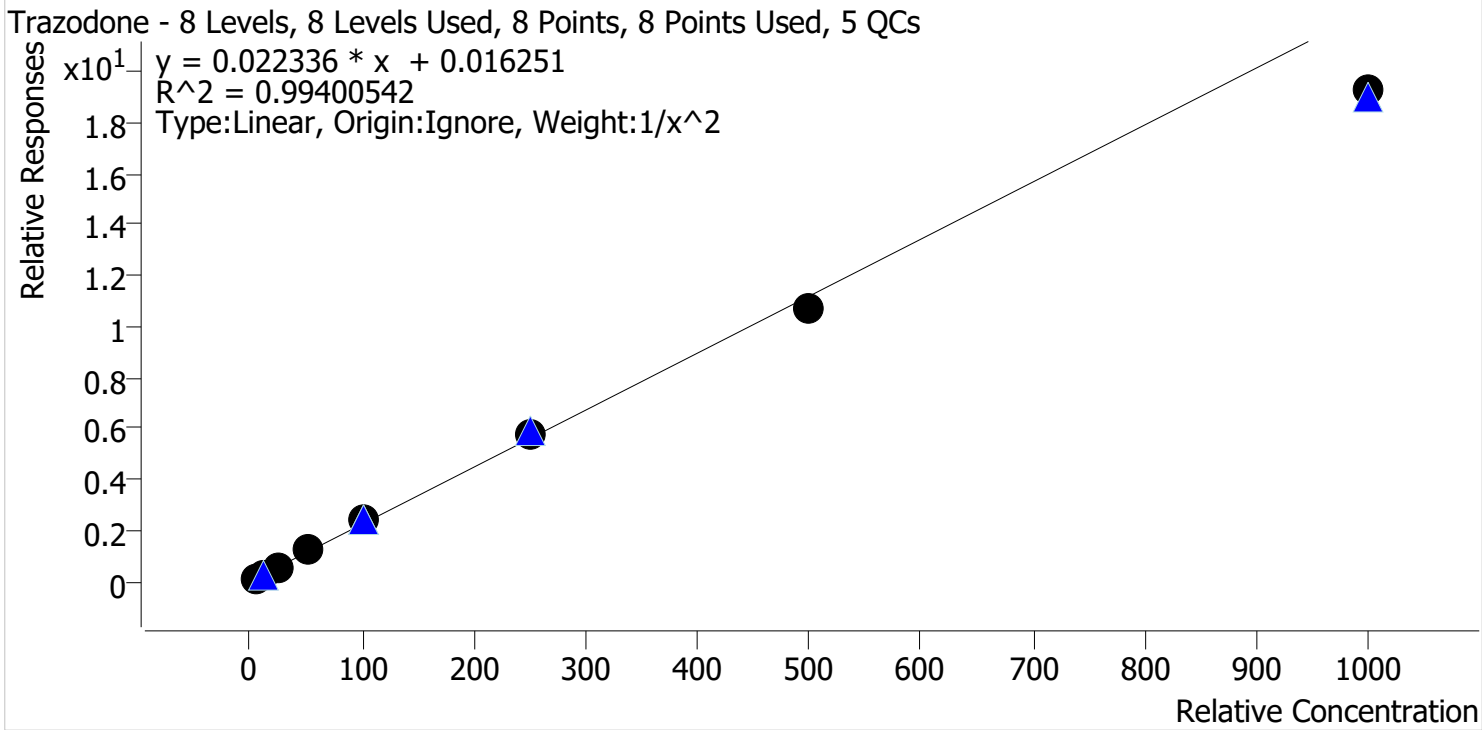


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	893.5	89.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	479.4	95.9
p1 Cal 8-1000ng	8	✓	1000.0	861.0	86.1

TS



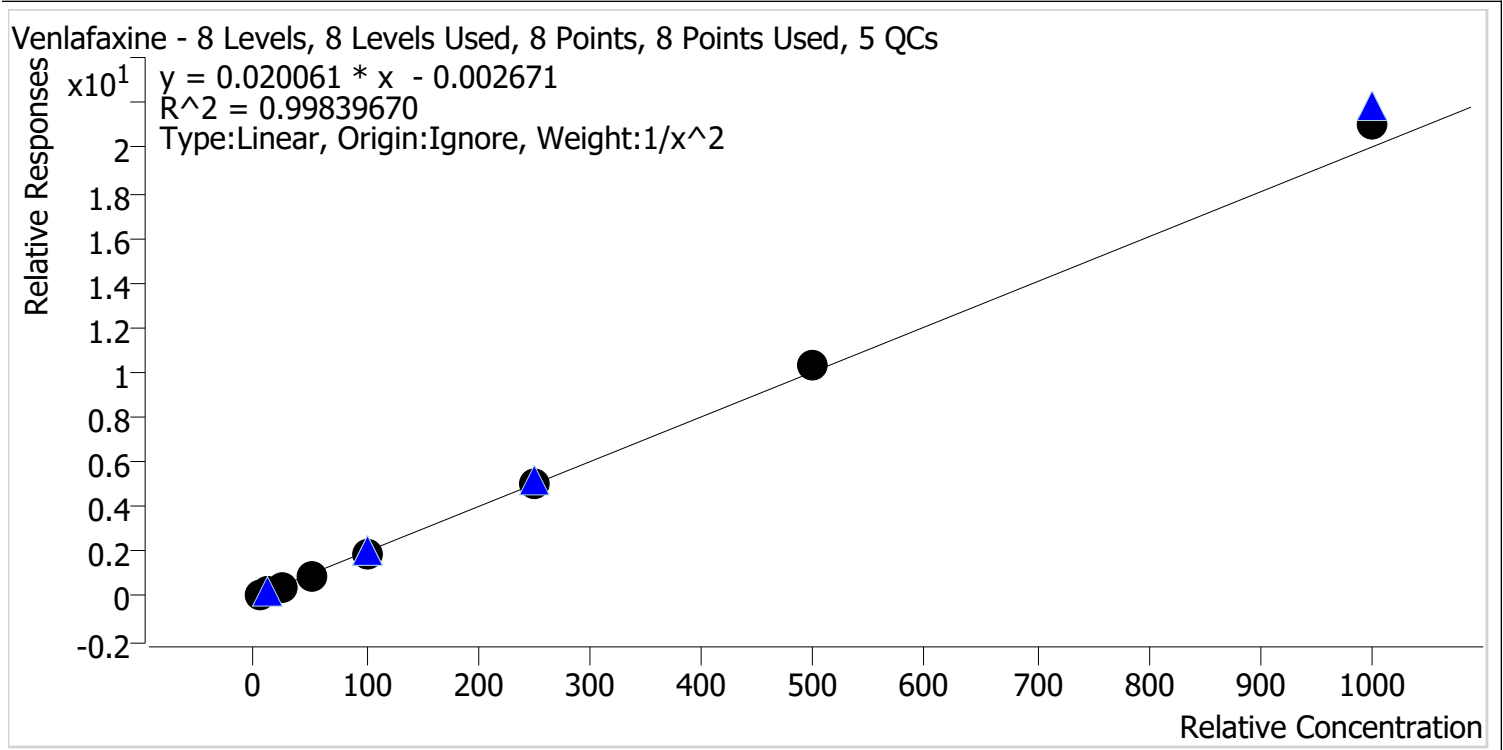
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin

Last Cal. Update 8/2/2022 3:22 PM

Analyst Name ISP\datastor

Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1050.5	105.1

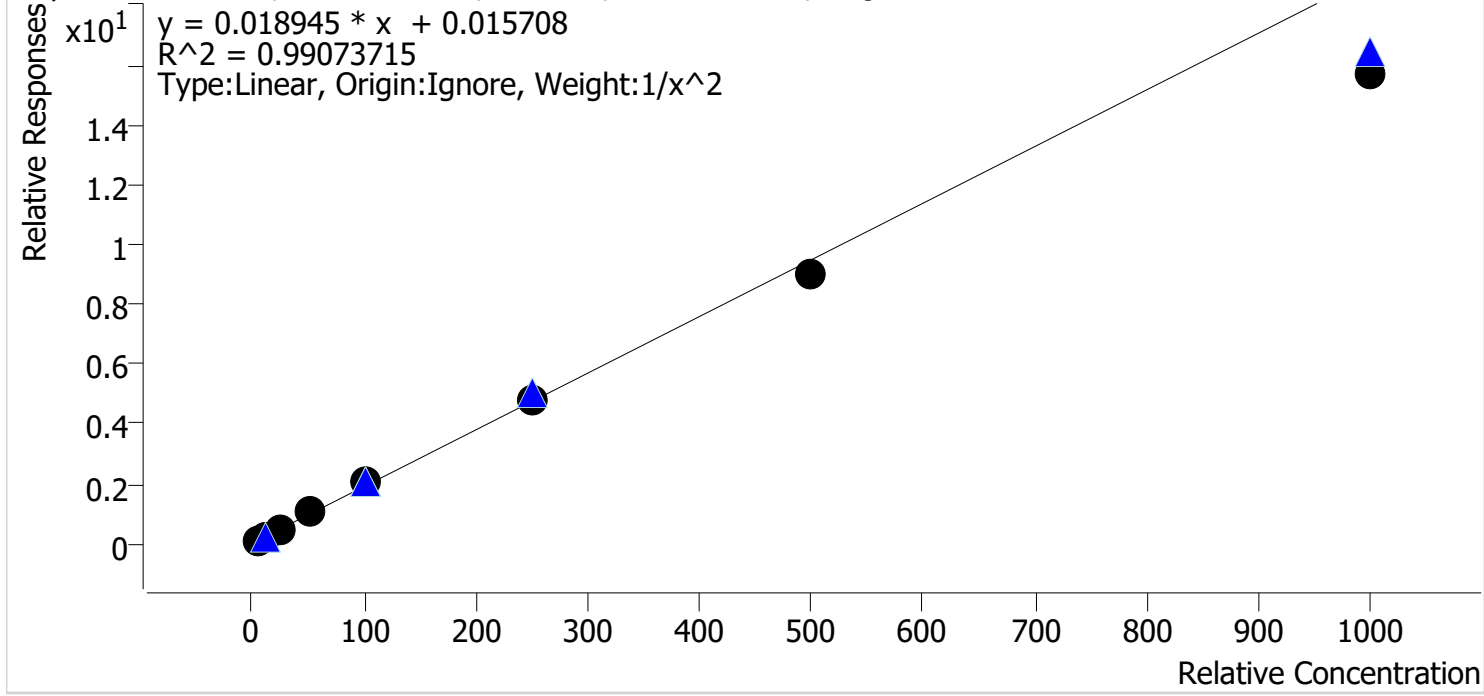
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Last Cal. Update 8/2/2022 3:22 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	831.3	83.1

TS

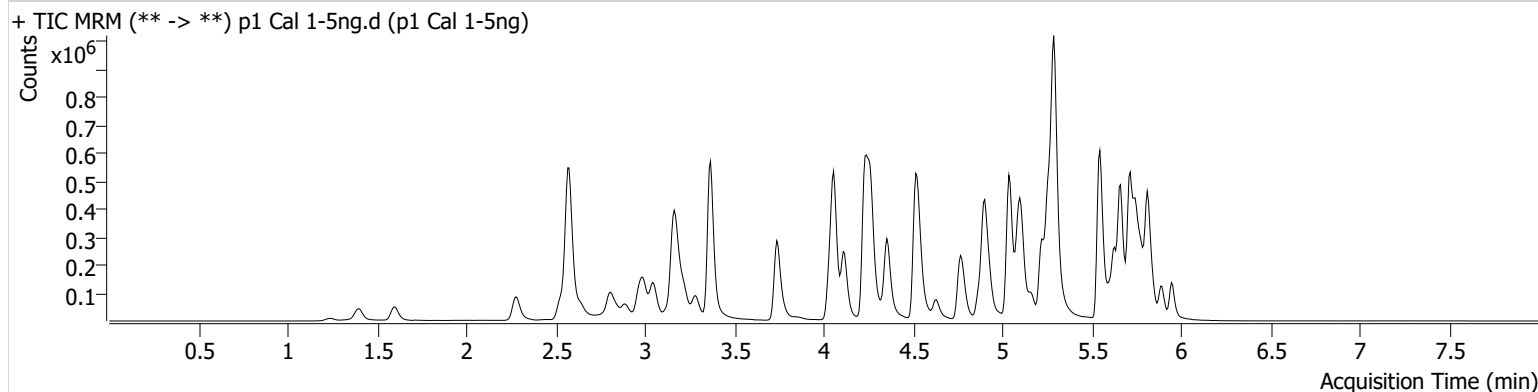


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 9:14:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	1209	1244.64	68.9	33.56	58596	0.5048 ng/ml
7-aminoclonazepam	4.256	21429	85.66	72.7	69.44	155905	4.8020 ng/ml
a-hydroxyalprazolam	5.692	12546	355.97	63.1	8389.33	260733	4.8424 ng/ml
alpha-PPH	4.929	23520	732.83	255.5	3681.90	608890	4.8385 ng/ml
alpha-PVP	4.361	83949	659.08	49.5	198.80	608890	5.0796 ng/ml
Alprazolam	5.776	38493	1162.99	108.3	241.71	260733	5.0676 ng/ml
Amphetamine	3.051	167020	2231.30	47.2	272.87	323160	4.7769 ng/ml
Benzoylecgonine	3.870	1830	26.02	9.0	7.47	13111	4.8265 ng/ml
Buprenorphine	5.853	2210	876.04	14.0	727.20	156068	0.5288 ng/ml
Bupropion	4.787	83946	150.04	68.5	467.34	555759	5.0016 ng/ml
Carisoprodol	5.724	43034	298.84	66.7	283.29	392637	5.1144 ng/ml
Citalopram	5.218	65359	327.67	34.3	15301.13	597112	5.0008 ng/ml
Clonazepam	5.605	41558	729.15	34.0	584.28	108321	4.7461 ng/ml
Clonazepam	5.549	28447	1641.14	35.7	14724.92	108321	4.8386 ng/ml
Cocaine	4.262	54230	50624.15	55.8	3609.73	838997	4.9657 ng/ml
Codeine	2.580	6356	234.00	109.9	11678.14	62246	4.6173 ng/ml
Cyclobenzaprine	5.628	50362	7453.18	8.7	76.82	424944	5.1708 ng/ml
Dextromethorphan	5.268	35129	9573.53	86.1	15306.55	292995	4.9974 ng/ml
Dextrophan	4.116	21657	35252.45	203.2	3487.24	453358	5.0301 ng/ml
Diazepam	5.954	25287	140.13	90.2	964.23	217575	5.0089 ng/ml
Dihydrocodeine	2.559	16095	376.67	66.9	710.83	186334	4.8250 ng/ml
Diphenhydramine	5.295	160444	6629.51	32.1	7159.40	1993881	5.1339 ng/ml
Doxylamine	4.535	154886	2024.19	98.2	1471.79	1346332	5.0241 ng/ml
EDDP	5.261	69057	328.35	41.4	173.04	724643	5.0846 ng/ml
Etizolam	5.814	18848	37514.77	29.0	14017.10	108321	5.1499 ng/ml
Fentanyl	5.102	5767	304.90	64.0	15590.04	631682	0.5089 ng/ml
Flualprazolam	5.699	15852	866.09	96.6	3557.89	260733	4.9274 ng/ml
Fluoxetine	5.714	67276	26691.65	7.6	4056.77	510196	5.1680 ng/ml
Hydrocodone	3.021	24732	65.53	37.8	78.33	280980	4.7561 ng/ml
Hydromorphone	1.608	21606	649.14	77.8	1086.57	131486	5.0460 ng/ml
Ketamine	4.049	56105	1471.99	33.9	229.22	460810	4.9467 ng/ml
Lamotrigine	4.272	4964	152.57	87.1	6377.18	460810	4.8995 ng/ml
Levetiracetam	2.644	25346	395.23	164.4	879.05	1442294	5.1442 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	38308	1237.45	49.9	239.59	108321	4.8434 ng/ml
MDA	3.192	90061	891.85	30.3	59.01	398786	4.8114 ng/ml
MDMA	3.292	55374	1673.22	90.0	982.76	110620	4.9894 ng/ml
Meprobamate	4.896	24105	307.23	29.5	48.74	250214	4.8164 ng/ml
Methadone	5.659	97958	10925.18	62.1	820.45	810337	5.1731 ng/ml
Methamphetamine	3.220	135956	294.86	39.5	422.52	828840	4.9958 ng/ml
Metoprolol	4.324	16121	556.55	95.5	1130.58	1204324	4.9146 ng/ml
Mirtazapine	4.630	104793	1320.79	56.1	1919.30	608890	5.1122 ng/ml
Mitragynine	5.236	24113	952.87	35.4	227.91	810337	4.8866 ng/ml
Morphine	1.247	3085	227.19	28.3	1089.11	7995	4.9620 ng/ml
Norbuprenorphine	4.998	319	496.30	78.3	889.09	21255	0.4940 ng/ml
Nordiazepam	5.893	28242	744.12	52.5	256.04	182199	4.9481 ng/ml
Norfentanyl	4.077	14202	310.06	36.7	58.14	1093483	0.5245 ng/ml
Norhydrocodone	3.068	3995	238.87	41.8	44.32	72770	5.3401 ng/ml
Noroxycodone	2.912	24224	16.73	49.9	1190.08	140118	5.0923 ng/ml
O-desmethyl-tramadol	3.372	128326	417.65	5.9	201.47	1304170	5.0688 ng/ml
Oxazepam	5.750	45180	265.11	72.1	60.31	507798	4.9030 ng/ml
Oxycodone	2.836	45248	437.83	31.3	147.11	330632	4.6918 ng/ml
Oxymorphone	1.405	21661	219.24	47.0	357.86	132541	4.9121 ng/ml
Phentermine	3.774	34311	142.66	5.0	25.60	780100	4.7790 ng/ml
Promethazine	5.545	121988	517.99	30.8	78.06	1045225	5.1478 ng/ml
Pseudoephedrine	2.583	147444	2482.69	17.0	2638.93	1442294	5.1272 ng/ml
Quetiapine	5.562	75555	247422.18	55.9	64.93	196397	4.8766 ng/ml
Sertraline	5.783	20467	565.74	101.5	17599.02	178871	5.0571 ng/ml
Temazepam	5.817	78848	5435.89	29.0	143.03	729348	5.0359 ng/ml
Tramadol	4.244	135747	716.19	3.3	166.76	1204324	4.9345 ng/ml
Trazodone	5.162	77036	205851.67	79.8	104359.00	615258	4.8780 ng/ml
Venlafaxine	5.043	118204	6057.34	31.4	157.56	1180558	5.1241 ng/ml
Zolpidem	4.920	107026	2056.13	30.9	923.58	999060	4.8255 ng/ml

TS

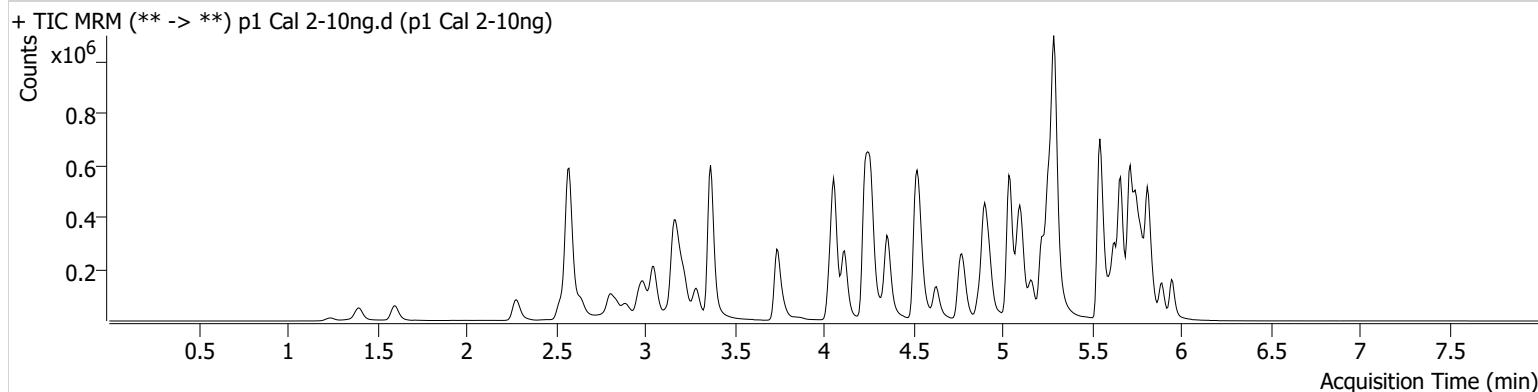


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 9:24:55 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	2355	7135.27	70.5	2102.48	59322	0.9857 ng/ml
7-aminoclonazepam	4.256	42467	406.65	71.5	4339.82	157171	10.2865 ng/ml
a-hydroxyalprazolam	5.692	23278	200.80	68.2	885.39	263186	10.0812 ng/ml
alpha-PHP	4.929	44553	1017.66	259.5	1599.83	599768	10.1925 ng/ml
alpha-PVP	4.361	159738	462.21	50.2	346.50	599768	9.7592 ng/ml
Alprazolam	5.776	75388	398.84	106.3	542.23	263186	9.8095 ng/ml
Amphetamine	3.051	313991	415.74	46.5	187.23	318639	10.4554 ng/ml
Benzoylcegonine	3.877	3886	215.85	7.1	442.29	12551	10.7432 ng/ml
Buprenorphine	5.853	4043	602.61	18.7	1938.73	150829	0.9208 ng/ml
Bupropion	4.787	160491	313.43	68.2	401.18	551530	9.9158 ng/ml
Carisoprodol	5.724	82416	176406.32	64.3	130.83	380937	9.8351 ng/ml
Citalopram	5.218	128440	3427.10	33.0	1906.15	576062	10.0215 ng/ml
Clonazepam	5.605	83077	368.76	33.9	764.20	108457	10.5313 ng/ml
Clonazepam	5.549	54861	84845.65	34.4	15566.31	108457	10.3175 ng/ml
Cocaine	4.262	103917	238.12	56.5	34308.64	811535	10.1600 ng/ml
Codeine	2.580	12787	19669.25	101.4	38667.10	60185	10.8196 ng/ml
Cyclobenzaprine	5.628	100074	193879.02	8.4	411.61	423195	9.6449 ng/ml
Dextromethorphan	5.268	70358	5521.72	85.4	409.37	290989	10.0602 ng/ml
Dextrophan	4.116	43651	244.34	198.5	4665.87	445242	10.0060 ng/ml
Diazepam	5.954	48783	397.51	88.3	926.47	222673	9.8525 ng/ml
Dihydrocodeine	2.559	30309	1175.73	67.3	59.66	179830	10.2953 ng/ml
Diphenhydramine	5.295	310834	61315.22	31.4	2604.61	1966546	9.7208 ng/ml
Doxylamine	4.535	300920	24989.09	99.5	29158.55	1340462	9.8862 ng/ml
EDDP	5.261	137943	6759.03	40.9	385.84	726865	9.8958 ng/ml
Etizolam	5.814	37521	25670.42	27.5	34562.45	108457	9.7470 ng/ml
Fentanyl	5.102	11287	92.09	64.0	35226.85	623379	0.9818 ng/ml
Flualprazolam	5.699	29726	1559.32	100.9	2152.35	263186	9.8813 ng/ml
Fluoxetine	5.714	129589	209911.32	7.7	459.49	503259	9.6415 ng/ml
Hydrocodone	3.021	49368	353.77	35.9	61.84	274316	10.5235 ng/ml
Hydromorphone	1.608	41151	2673.95	77.8	2811.83	128578	9.8577 ng/ml
Ketamine	4.049	107037	5039.45	34.1	307.73	460269	9.9581 ng/ml
Lamotrigine	4.278	9019	539.75	91.7	3409.81	460269	9.9583 ng/ml
Levetiracetam	2.644	48079	749.91	163.3	493.46	1407478	9.6960 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	70328	517.08	53.7	205.69	108457	10.3565 ng/ml
MDA	3.199	173788	945.49	29.4	251.33	388627	10.4720 ng/ml
MDMA	3.292	106803	44377.73	87.8	1004.34	107368	9.9967 ng/ml
Meprobamate	4.896	46669	4469.68	29.1	1581.58	245526	10.3902 ng/ml
Methadone	5.659	190177	3655.67	59.6	6644.48	805415	9.7221 ng/ml
Methamphetamine	3.220	215597	616.77	38.5	234.54	801894	9.6649 ng/ml
Metoprolol	4.324	30789	57286.31	93.7	733.06	1199157	10.1024 ng/ml
Mirtazapine	4.630	203941	673.88	54.7	801.58	599768	9.7756 ng/ml
Mitragynine	5.236	47593	3270.69	35.0	33987.34	805415	10.2653 ng/ml
Morphine	1.247	5786	282.82	29.8	70.16	7886	9.9923 ng/ml
Norbuprenorphine	4.991	557	255.21	86.7	8.53 Low	20783	1.0169 ng/ml
Nordiazepam	5.893	55639	419.82	53.9	421.92	182326	10.0591 ng/ml
Norfentanyl	4.084	25605	3270.77	35.9	30.52	1060113	0.9438 ng/ml
Norhydrocodone	3.068	7018	42.31	40.3	36.80	69350	9.0119 ng/ml
Noroxycodone	2.912	45123	648.43	48.7	1738.62	137647	9.8174 ng/ml
O-desmethyl-tramadol	3.372	247041	12779.88	5.8	102.12	1258992	9.8959 ng/ml
Oxazepam	5.750	86962	319.50	73.8	1033.18	493132	10.1289 ng/ml
Oxycodone	2.836	89026	604.88	30.3	594.82	319043	10.5518 ng/ml
Oxymorphone	1.398	41448	956.06	46.5	205.93	123970	10.3339 ng/ml
Phentermine	3.774	63895	161.47	5.5	53.15	753524	10.3121 ng/ml
Promethazine	5.545	237941	13818.47	30.4	3553.44	1052635	9.6414 ng/ml
Pseudoephedrine	2.583	280304	3337.60	17.2	5763.09	1407478	9.7313 ng/ml
Quetiapine	5.562	146922	155.25	57.5	286.64	192218	10.3189 ng/ml
Sertraline	5.783	43115	893.71	92.5	59921.09	184032	10.0309 ng/ml
Temazepam	5.817	152826	1310.82	28.4	500.14	718654	9.9167 ng/ml
Tramadol	4.244	264070	8644.24	3.4	45.92	1199157	10.1052 ng/ml
Trazodone	5.162	148576	18906.41	80.4	662375.18	614230	10.1018 ng/ml
Venlafaxine	5.043	221285	15825.66	33.2	1067.91	1153186	9.6983 ng/ml
Zolpidem	4.920	205052	3841.82	30.8	79042.44	977797	10.2402 ng/ml

TS

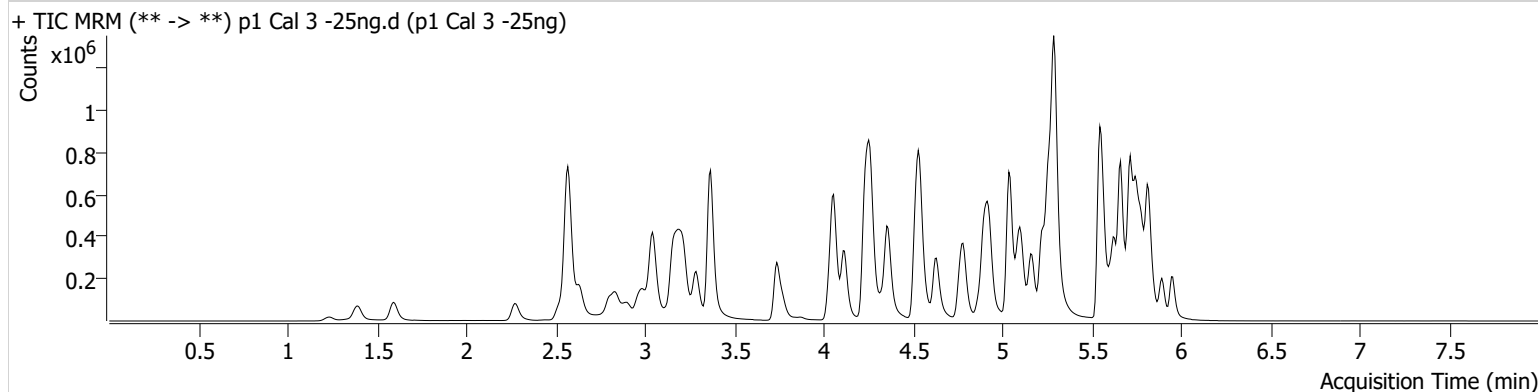


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 9:35:32 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.127	5479	10582.85	78.7	470.68	56010	2.4508 ng/ml
7-aminoclonazepam	4.256	101299	714.67	71.8	5156.37	150334	26.9627 ng/ml
a-hydroxyalprazolam	5.692	55613	275.95	64.9	223.25	249220	27.5804 ng/ml
alpha-PHP	4.929	104691	6519.55	261.9	733.30	572825	26.4811 ng/ml
alpha-PVP	4.361	387098	1383.41	50.6	1281.20	572825	24.6742 ng/ml
Alprazolam	5.776	177731	813.91	107.0	1040.23	249220	24.3860 ng/ml
Amphetamine	3.044	729549	1783.96	46.6	4017.42	307962	27.2220 ng/ml
Benzoylecgonine	3.870	8975	121.79	8.4	27.40	12497	24.9624 ng/ml
Buprenorphine	5.853	10790	66.30	15.4	1870.02	143220	2.4258 ng/ml
Bupropion	4.787	384545	810947.27	69.7	8189.47	529515	25.1991 ng/ml
Carisoprodol	5.724	190169	286889.41	62.1	∞	358992	23.6937 ng/ml
Citalopram	5.218	305708	258.56	33.3	311.23	545443	24.9510 ng/ml
Clonazepam	5.605	185228	5776.51	35.3	622.10	101348	26.5951 ng/ml
Clonazepam	5.549	123986	177932.60	35.6	98177.91	101348	26.4816 ng/ml
Cocaine	4.262	244539	616.36	55.4	326.58	793395	24.9180 ng/ml
Codeine	2.573	29648	23648.58	106.3	218.83	57847	27.6857 ng/ml
Cyclobenzaprine	5.628	241150	24820.93	8.3	289.85	396398	23.7500 ng/ml
Dextromethorphan	5.268	164140	719.15	85.2	9052.63	275010	24.8073 ng/ml
Dextrophan	4.116	104292	603.52	194.9	1535.30	425157	24.5839 ng/ml
Diazepam	5.954	115781	3641.81	89.0	14675.16	210444	25.4441 ng/ml
Dihydrocodeine	2.552	72843	293.27	69.7	2047.12	175560	26.6970 ng/ml
Diphenhydramine	5.295	742471	3160.60	31.6	7230.80	1883774	23.6764 ng/ml
Doxylamine	4.535	731519	4675.38	98.3	7754.37	1296489	24.9793 ng/ml
EDDP	5.261	331090	653.92	42.0	421.02	708128	24.0412 ng/ml
Etizolam	5.814	87705	74615.89	27.1	64046.78	101348	23.6340 ng/ml
Fentanyl	5.102	27199	188.22	67.3	∞	599932	2.4166 ng/ml
Flualprazolam	5.699	71007	3572.30	98.9	16998.38	249220	26.2176 ng/ml
Fluoxetine	5.714	302662	472.27	7.6	452.87	465583	23.6197 ng/ml
Hydrocodone	3.021	117596	179.38	38.4	324.25	267565	26.8022 ng/ml
Hydromorphone	1.595	100033	1334.68	77.8	1500.03	124205	24.8549 ng/ml
Ketamine	4.049	256407	10252.52	34.6	269.64	440313	25.7785 ng/ml
Lamotrigine	4.272	22074	468.39	88.1	2546.11	440313	27.4681 ng/ml
Levetiracetam	2.637	116066	1420.06	164.2	964.42	1340514	24.0828 ng/ml

TS

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	155519	2090.83	55.9	251.56	101348	26.9281 ng/ml
MDA	3.192	400413	1285.55	29.7	215.24	373692	26.4380 ng/ml
MDMA	3.285	257591	2339.50	88.3	1177.90	103526	25.1297 ng/ml
Meprobamate	4.896	108459	425.72	29.8	198.05	234270	26.6166 ng/ml
Methadone	5.659	454001	608.88	60.8	11846.67	789053	23.1141 ng/ml
Methamphetamine	3.220	498181	924.24	38.5	781.27	777233	26.2390 ng/ml
Metoprolol	4.324	72685	282424.31	96.4	1363.74	1157240	25.7775 ng/ml
Mirtazapine	4.630	487874	27766.51	54.3	6930.73	572825	23.9848 ng/ml
Mitragynine	5.236	111349	341194.04	36.2	133537.40	789053	25.3057 ng/ml
Morphine	1.240	13950	49.17	28.2	449.82	7760	25.3823 ng/ml
Norbuprenorphine	4.991	1212	1603.76	104.7	∞	19846	2.5343 ng/ml
Nordiazepam	5.893	132034	6025.59	54.2	415.30	174147	25.4787 ng/ml
Norfentanyl	4.077	62085	921.78	35.2	93.07	1021651	2.3186 ng/ml
Norhydrocodone	3.062	17674	∞	37.3	157.94	62353	23.4653 ng/ml
Noroxycodone	2.905	105272	508.86	49.5	403.72	132244	24.0972 ng/ml
O-desmethyl-tramadol	3.366	596309	45359.51	6.0	236.62	1218789	24.3560 ng/ml
Oxazepam	5.750	200613	389.11	71.8	847.09	454744	25.9675 ng/ml
Oxycodone	2.829	212734	751.27	30.4	977.64	308044	27.5135 ng/ml
Oxymorphone	1.391	96964	1396.28	47.1	363.97	124341	24.4664 ng/ml
Phentermine	3.774	155559	235.51	5.1	77.43	739164	27.3478 ng/ml
Promethazine	5.545	561019	74887.70	30.7	7828.65	979548	23.8902 ng/ml
Pseudoephedrine	2.577	672725	5032.65	17.0	1094.26	1340514	24.1095 ng/ml
Quetiapine	5.562	346892	47464.53	58.2	19939.78	189593	25.5903 ng/ml
Sertraline	5.790	95622	5287.00	97.4	379.90	168558	23.8502 ng/ml
Temazepam	5.817	355602	693.55	27.8	149.42	666194	24.9087 ng/ml
Tramadol	4.244	620074	13186.52	3.6	428.04	1157240	25.2863 ng/ml
Trazodone	5.162	355316	194649.49	79.9	127.66	585557	26.4389 ng/ml
Venlafaxine	5.036	538302	8262.61	31.7	560.89	1108054	24.3493 ng/ml
Zolpidem	4.920	490691	342.10	30.7	4735.01	947137	26.5175 ng/ml

TS

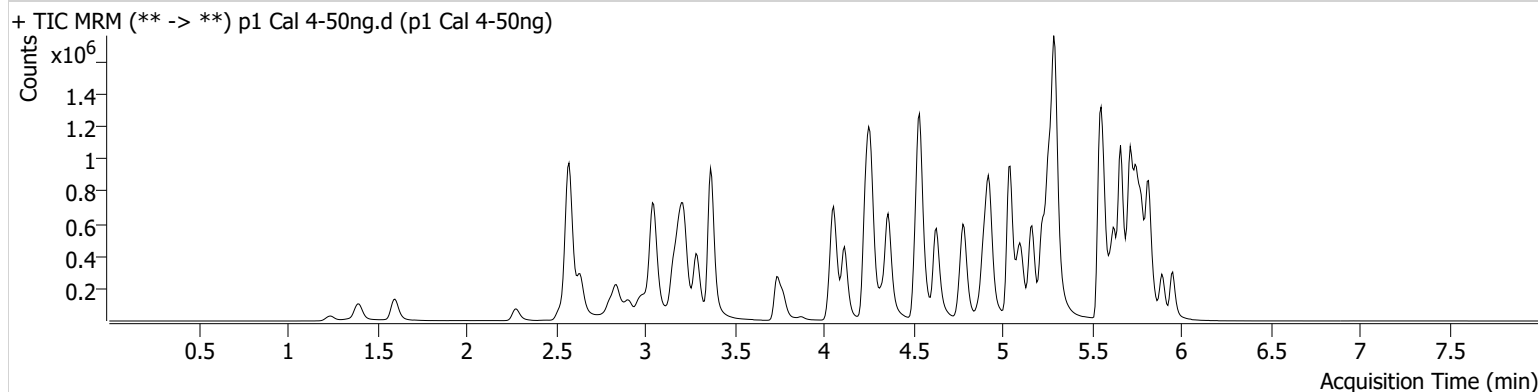


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 9:46:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	11140	879.74	71.2	2643.18	54800	5.1102 ng/ml
7-aminoclonazepam	4.256	191767	12753.25	71.6	154.96	142444	54.7445 ng/ml
a-hydroxyalprazolam	5.692	102332	903.81	67.3	364.85	234884	55.1892 ng/ml
alpha-PHP	4.929	204643	635.96	261.7	25088.92	552849	54.6199 ng/ml
alpha-PVP	4.361	753557	19723.83	51.1	636.41	552849	49.7105 ng/ml
Alprazolam	5.776	344634	754.09	105.7	458.09	234884	50.1467 ng/ml
Amphetamine	3.051	1405055	1305.23	45.2	791.88	308168	53.7669 ng/ml
Benzoylecgonine	3.877	16969	699.34	8.6	179.39	12059	48.9418 ng/ml
Buprenorphine	5.853	20363	4598.99	15.2	4155.79	141384	4.5559 ng/ml
Bupropion	4.787	757967	1322.89	69.0	21193.79	521000	50.7846 ng/ml
Carisoprodol	5.724	357222	27484.99	62.7	747.05	328665	48.3329 ng/ml
Citalopram	5.225	588184	15301.57	33.9	404.25	529035	49.3385 ng/ml
Clonazepam	5.605	359083	1410.96	34.4	34821.98	97350	54.7527 ng/ml
Clonazepam	5.549	235208	196931.33	36.5	177133.07	97350	53.3506 ng/ml
Cocaine	4.262	471982	21198.44	56.9	319.42	770679	49.8361 ng/ml
Codeine	2.580	57056	3354.21	99.5	407.41	55775	56.3755 ng/ml
Cyclobenzaprine	5.628	467306	1416.75	8.5	21044.41	380015	47.3176 ng/ml
Dextromethorphan	5.268	317259	7428.65	83.2	684.85	264794	49.7813 ng/ml
Dextrophan	4.116	203211	86730.75	197.6	20267.31	413032	49.0049 ng/ml
Diazepam	5.954	219229	314.85	89.5	1183.03	201775	50.7005 ng/ml
Dihydrocodeine	2.552	139730	3644.49	69.7	290.44	172960	52.8573 ng/ml
Diphenhydramine	5.295	1451534	2208.35	31.9	69133.24	1774044	48.7447 ng/ml
Doxylamine	4.535	1439017	51852.59	98.1	51711.56	1278438	49.9185 ng/ml
EDDP	5.261	631731	28830.65	41.8	201.27	672597	48.0609 ng/ml
Etizolam	5.814	168806	4109.71	27.6	96369.56	97350	46.8567 ng/ml
Fentanyl	5.102	54865	627.62	64.5	843.85	591039	4.9188 ng/ml
Flualprazolam	5.699	134973	3382.63	100.2	11313.66	234884	53.7394 ng/ml
Fluoxetine	5.714	571631	38936.99	7.9	3999.69	426335	48.2145 ng/ml
Hydrocodone	3.021	225280	2269.45	37.6	166.87	259547	53.6772 ng/ml
Hydromorphone	1.601	193885	1868.35	78.2	15022.08	120878	49.5312 ng/ml
Ketamine	4.049	503831	1883.23	34.5	329.44	430029	52.4322 ng/ml
Lamotrigine	4.278	39984	649.81	92.0	2561.71	430029	52.0356 ng/ml
Levetiracetam	2.637	222975	713.59	162.1	3998.50	1291273	47.7099 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	280586	3152.67	53.3	307.62	97350	52.1337 ng/ml
MDA	3.192	755069	2881.44	29.7	323.78	360623	52.5816 ng/ml
MDMA	3.292	500490	9852.22	88.2	3272.87	100949	50.1550 ng/ml
Meprobamate	4.896	207762	351.01	28.1	2117.65	227215	53.4583 ng/ml
Methadone	5.660	888266	10527.51	60.4	12811.67	750228	47.1394 ng/ml
Methamphetamine	3.220	962658	2251.94	39.2	700.33	771214	53.2876 ng/ml
Metoprolol	4.324	140946	3395.51	95.5	20926.04	1115446	52.6033 ng/ml
Mirtazapine	4.630	961719	26551.85	54.1	1085.47	552849	48.6412 ng/ml
Mitragynine	5.236	217585	641.53	35.5	239032.39	750228	52.6095 ng/ml
Morphine	1.240	27530	1058.52	27.1	620.95	7661	51.3589 ng/ml
Norbuprenorphine	4.991	2364	4552.72	98.2	2553.98	20138	5.0284 ng/ml
Nordiazepam	5.893	250151	177311.09	54.2	2224.15	164193	51.5294 ng/ml
Norfentanyl	4.077	121356	1771.86	35.7	491.07	984868	4.6634 ng/ml
Norhydrocodone	3.068	32010	104.96	37.7	106.46	56053	46.2761 ng/ml
Noroxycodone	2.912	204360	1043.02	48.1	22055.49	126498	49.0889 ng/ml
O-desmethyl-tramadol	3.372	1152799	2970.19	6.0	2185.18	1184877	48.2222 ng/ml
Oxazepam	5.750	369128	8571.25	73.1	6796.13	419743	52.1805 ng/ml
Oxycodone	2.836	412779	2652.65	30.4	2112.26	299996	55.7592 ng/ml
Oxymorphone	1.398	196248	806.20	46.7	∞	118701	52.1759 ng/ml
Phentermine	3.774	301029	301.13	5.1	40.27	725041	55.1045 ng/ml
Promethazine	5.545	1094249	1567.53	30.5	408.14	927851	48.8215 ng/ml
Pseudoephedrine	2.577	1293791	33542.45	17.2	26054.54	1291273	47.8655 ng/ml
Quetiapine	5.562	665973	8897.66	59.2	4479.48	180696	52.1954 ng/ml
Sertraline	5.790	177599	4489.08	95.2	99203.21	154071	48.1439 ng/ml
Temazepam	5.817	655609	4268.04	27.8	365.47	627151	48.7928 ng/ml
Tramadol	4.244	1224872	1768.82	3.4	172.06	1115446	52.3325 ng/ml
Trazodone	5.162	695417	1069418.76	80.7	112262.23	580949	52.8637 ng/ml
Venlafaxine	5.043	1045357	1275.54	32.3	374.07	1089663	47.9534 ng/ml
Zolpidem	4.920	962403	6863.66	29.9	3141.08	925238	54.0759 ng/ml

TS

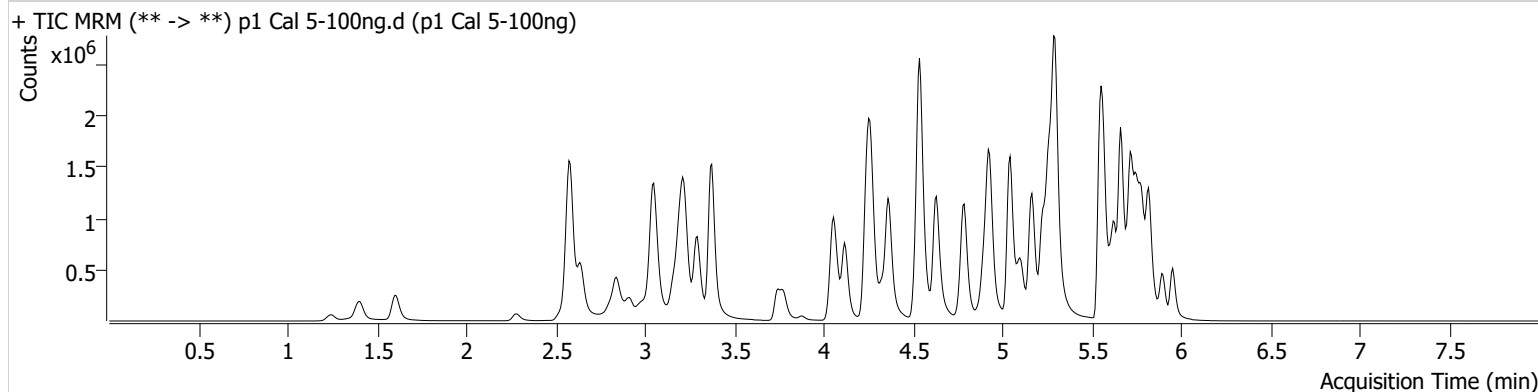


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 7/27/2022 9:56:45 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	23234	492.61	71.2	788.03	59201	9.8800 ng/ml
7-aminoclonazepam	4.256	368640	24584.71	71.9	8748.16	143702	105.1094 ng/ml
a-hydroxyalprazolam	5.692	185166	478.99	66.2	677.75	236332	100.3761 ng/ml
alpha-PHP	4.936	421898	1693.00	258.2	5452.20	596649	105.2152 ng/ml
alpha-PVP	4.368	1603469	1029.76	51.1	1317.52	596649	97.9566 ng/ml
Alprazolam	5.776	694341	1981.67	106.6	1736.91	236332	100.3884 ng/ml
Amphetamine	3.051	2717800	3372.37	45.5	2067.78	326172	99.4908 ng/ml
Benzoylecgonine	3.877	38252	5402.55	8.2	5894.72	13353	99.6694 ng/ml
Buprenorphine	5.853	44710	392.66	15.5	5094.50	152796	9.1635 ng/ml
Bupropion	4.787	1649782	45156.25	68.6	1612.52	569830	101.3646 ng/ml
Carisoprodol	5.724	642783	18868.27	63.0	5053.26	294028	96.9445 ng/ml
Citalopram	5.225	1225434	2858.31	33.5	27637.60	539093	100.7086 ng/ml
Clonazepam	5.605	675821	40109.37	34.7	∞	94954	106.6331 ng/ml
Clonazepam	5.549	431158	11872.24	36.7	320753.70	94954	101.2117 ng/ml
Cocaine	4.262	996417	12081.13	56.8	90509.98	813705	99.9760 ng/ml
Codeine	2.580	112369	11790.45	101.2	900.47	58593	106.6686 ng/ml
Cyclobenzaprine	5.628	985008	35274.17	8.1	210.34	391750	96.0446 ng/ml
Dextromethorphan	5.268	645510	1243.83	83.8	727.34	271217	98.8714 ng/ml
Dextrophan	4.116	434209	812.96	199.7	970844.87	442773	97.3780 ng/ml
Diazepam	5.954	451172	654.96	88.7	1455.06	207769	101.7945 ng/ml
Dihydrocodeine	2.552	300927	43170.05	69.8	13206.54	186953	106.2333 ng/ml
Diphenhydramine	5.295	3112434	128733.37	31.8	522.07	1872538	98.6335 ng/ml
Doxylamine	4.535	3205127	15408.29	98.2	3670.82	1406318	101.1624 ng/ml
EDDP	5.261	1303941	1533.86	41.9	28744.69	675738	98.4958 ng/ml
Etizolam	5.814	340742	13660.01	27.5	144986.23	94954	96.4360 ng/ml
Fentanyl	5.102	125461	664.91	63.0	198346.26	668429	9.9173 ng/ml
Flualprazolam	5.699	271437	13281.39	99.9	208219.97	236332	108.2572 ng/ml
Fluoxetine	5.721	1111539	25503.06	7.8	793.24	411093	96.7488 ng/ml
Hydrocodone	3.021	464177	∞	37.5	342.87	275853	104.7788 ng/ml
Hydromorphone	1.608	416618	3137.38	78.0	∞	129357	99.4879 ng/ml
Ketamine	4.049	1084064	217306.44	34.0	6034.76	467039	104.4251 ng/ml
Lamotrigine	4.278	84337	1000.18	87.8	1943.74	467039	102.2625 ng/ml
Levetiracetam	2.644	457731	2965.53	162.5	9691.54	1327233	94.9666 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	453677	2388.80	53.2	3234.72	94954	87.5860 ng/ml
MDA	3.199	1418940	6395.46	29.2	894.70	361475	99.4227 ng/ml
MDMA	3.292	1065654	6665.56	89.4	2794.66	106260	101.5377 ng/ml
Meprobamate	4.896	394249	621.41	28.1	1703.64	231691	100.2679 ng/ml
Methadone	5.660	1934811	29968.31	59.4	48149.94	788136	97.3093 ng/ml
Methamphetamine	3.220	2031348	1038.59	38.5	943.22	842326	105.1049 ng/ml
Metoprolol	4.324	300751	1620.35	97.0	2874.74	1222008	103.1548 ng/ml
Mirtazapine	4.630	2084634	2195.56	53.5	18366.35	596649	97.3597 ng/ml
Mitragynine	5.236	450882	2732.33	35.8	378262.82	788136	104.3285 ng/ml
Morphine	1.247	60055	294.89	28.8	∞	8123	106.3070 ng/ml
Norbuprenorphine	4.998	5120	6155.57	90.7	43822.65	21675	10.2871 ng/ml
Nordiazepam	5.900	487808	1510.58	53.7	1463.41	162680	101.7369 ng/ml
Norfentanyl	4.084	262017	827.40	36.0	917.15	1026801	9.6180 ng/ml
Norhydrocodone	3.068	64585	217.52	37.2	∞	52818	97.9603 ng/ml
Noroxycodone	2.912	401132	908.58	48.9	1432.01	124569	98.0262 ng/ml
O-desmethyl-tramadol	3.372	2545605	78918.67	5.9	1502.77	1272058	98.9606 ng/ml
Oxazepam	5.750	638158	15993.16	72.6	3485.30	366744	103.6572 ng/ml
Oxycodone	2.836	885122	3380.32	30.2	1739.01	332425	108.7877 ng/ml
Oxymorphone	1.398	406415	∞	49.1	∞	125962	102.0833 ng/ml
Phentermine	3.780	612825	2883.44	5.0	284.67	784463	104.7263 ng/ml
Promethazine	5.545	2307981	32072.68	31.3	1113.78	978507	97.2919 ng/ml
Pseudoephedrine	2.583	2715202	3642.55	17.0	14605.42	1327233	97.4483 ng/ml
Quetiapine	5.562	1366018	55782.63	60.5	24136.79	194067	100.2653 ng/ml
Sertraline	5.790	356920	918.52	92.4	391.01	149746	99.2193 ng/ml
Temazepam	5.817	1235060	3418.75	27.0	407.40	576125	100.0703 ng/ml
Tramadol	4.244	2581488	601.54	3.4	377.15	1222008	101.1261 ng/ml
Trazodone	5.162	1521099	833.54	81.2	69042.93	642584	105.2503 ng/ml
Venlafaxine	5.043	2269292	2957.17	31.8	1274.03	1163659	97.3417 ng/ml
Zolpidem	4.920	2047331	10231.47	29.6	3526.96	1001016	107.1289 ng/ml

TS

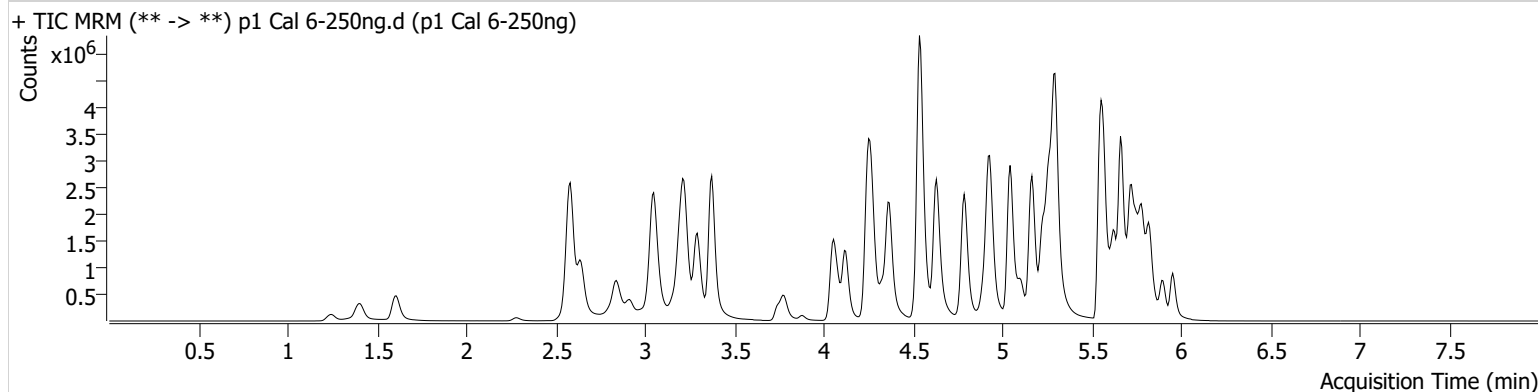


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 10:07:22 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	53196	7240.27	73.3	58269.81	55270	24.2521 ng/ml
7-aminoclonazepam	4.256	669632	13313.33	71.1	120.04	114181	241.4218 ng/ml
a-hydroxyalprazolam	5.692	289972	447.22	68.5	389.66	184145	203.1608 ng/ml
alpha-PHP	4.936	866382	6442.76	260.3	28455.22	511071	253.5863 ng/ml
alpha-PVP	4.368	3509152	154964.90	50.8	66552.10	511071	250.1835 ng/ml
Alprazolam	5.776	1367684	1952.58	104.9	1396.84	184145	253.7438 ng/ml
Amphetamine	3.051	5090724	110891.17	46.1	2842.05	291723	209.9898 ng/ml
Benzoylcegonine	3.877	92432	∞	8.3	806.45	12596	255.3607 ng/ml
Buprenorphine	5.853	101310	3168.74	16.3	25827.12	130683	24.1294 ng/ml
Bupropion	4.787	3719639	107877.54	67.4	55682.26	514532	253.5539 ng/ml
Carisoprodol	5.724	1060374	3856142.39	63.0	7405.13	187982	249.7221 ng/ml
Citalopram	5.225	2479680	83360.43	34.1	17758.06	443843	247.2861 ng/ml
Clonazepam	5.605	1196651	34918.91	34.3	5751.79	71705	251.4522 ng/ml
Clonazepam	5.549	689488	141517.32	38.0	568983.26	71705	215.5334 ng/ml
Cocaine	4.262	2035165	3063168.55	57.6	1611.03	671717	247.8481 ng/ml
Codeine	2.580	215318	4055.59	97.8	5544.38	47569	253.2902 ng/ml
Cyclobenzaprine	5.628	2088359	175734.99	8.0	904.54	319159	248.8599 ng/ml
Dextromethorphan	5.268	1277642	33124.26	82.1	23925.86	213685	248.3554 ng/ml
Dextrophan	4.123	937642	842.13	199.0	1128.40	372770	249.2984 ng/ml
Diazepam	5.954	925937	655.83	88.9	1432.09	174555	249.3343 ng/ml
Dihydrocodeine	2.552	630145	401.51	68.6	501.26	173263	241.1955 ng/ml
Diphenhydramine	5.295	6569184	167843.63	31.5	66398.08	1523976	255.1919 ng/ml
Doxylamine	4.535	7280348	4336.96	97.3	7854.83	1254772	257.6740 ng/ml
EDDP	5.261	2759062	2793.89	41.5	44242.93	561584	250.4166 ng/ml
Etizolam	5.814	680964	24410.44	27.3	249094.39	71705	254.3910 ng/ml
Fentanyl	5.102	285383	414.72	65.7	179237.86	612527	24.5762 ng/ml
Flualprazolam	5.699	494634	8513.83	104.7	352555.42	184145	254.3184 ng/ml
Fluoxetine	5.721	2159827	126599.09	7.7	5791.43	314603	244.9227 ng/ml
Hydrocodone	3.021	957379	3350.14	39.4	∞	243506	245.8390 ng/ml
Hydromorphone	1.608	892870	3826.23	78.3	3293566.96	110721	249.1517 ng/ml
Ketamine	4.049	2340584	132264.11	34.3	9898.72	418797	252.2224 ng/ml
Lamotrigine	4.285	158373	6256.62	91.5	78437.17	418797	215.5540 ng/ml
Levetiracetam	2.644	974278	4899.75	165.6	4519.38	1075570	248.9089 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	591758	3688.58	54.5	3017.49	71705	152.5721 ng/ml
MDA	3.192	2583436	5142.44	28.4	580.18	296601	221.7849 ng/ml
MDMA	3.292	2265612	22275.80	89.9	2084.57	90609	253.2857 ng/ml
Meprobamate	4.896	708961	43521.17	27.9	11114.49	194976	215.2977 ng/ml
Methadone	5.659	4228726	∞	57.8	2545.42	652398	256.2717 ng/ml
Methamphetamine	3.220	4416994	1489.74	37.7	1008.79	789279	246.9530 ng/ml
Metoprolol	4.324	608513	2730.79	97.8	7386.66	1021486	250.7310 ng/ml
Mirtazapine	4.630	4684181	125212.24	52.4	3748.54	511071	254.8597 ng/ml
Mitragynine	5.236	907597	4370.18	37.3	1252.64	652398	254.5161 ng/ml
Morphine	1.247	132160	436.95	28.4	198.11	7831	243.4771 ng/ml
Norbuprenorphine	4.998	10957	1204.59	98.6	124.09	20198	23.8461 ng/ml
Nordiazepam	5.900	933641	11445.25	53.5	1366.17	126230	251.4280 ng/ml
Norfentanyl	4.084	576905	31814.28	36.5	7322.34	837187	25.9104 ng/ml
Norhydrocodone	3.068	135986	213.03	40.6	155.85	42217	256.4397 ng/ml
Noroxycodone	2.912	761989	36215.77	48.3	1288.57	91874	252.7587 ng/ml
O-desmethyl-tramadol	3.372	5693042	220073.38	5.9	1017.76	1111790	252.8883 ng/ml
Oxazepam	5.750	899639	26292.48	75.7	2258.82	215370	249.4246 ng/ml
Oxycodone	2.829	1791510	28490.14	30.7	2588.67	293955	250.2277 ng/ml
Oxymorphone	1.398	830721	∞	46.8	∞	106480	247.2258 ng/ml
Phentermine	3.780	1235419	∞	5.0	734.12	698002	238.7717 ng/ml
Promethazine	5.545	5186465	3446.63	29.6	4215.35	842632	253.3226 ng/ml
Pseudoephedrine	2.583	5654314	98144.79	16.8	30344.62	1075570	249.9895 ng/ml
Quetiapine	5.562	2829363	∞	60.1	616.42	163067	248.0903 ng/ml
Sertraline	5.790	729780	16781.46	93.7	670.35	123013	246.4984 ng/ml
Temazepam	5.824	2061359	1930.88	27.0	2457.44	384470	250.2961 ng/ml
Tramadol	4.244	5559626	1985.56	3.3	997.24	1021486	261.3117 ng/ml
Trazodone	5.162	3408105	79153.55	81.8	78263.27	592575	256.7606 ng/ml
Venlafaxine	5.043	5079410	4032.66	30.8	7996.83	998109	253.8065 ng/ml
Zolpidem	4.920	4296802	188550.13	29.2	15171.99	884710	255.5323 ng/ml

TS

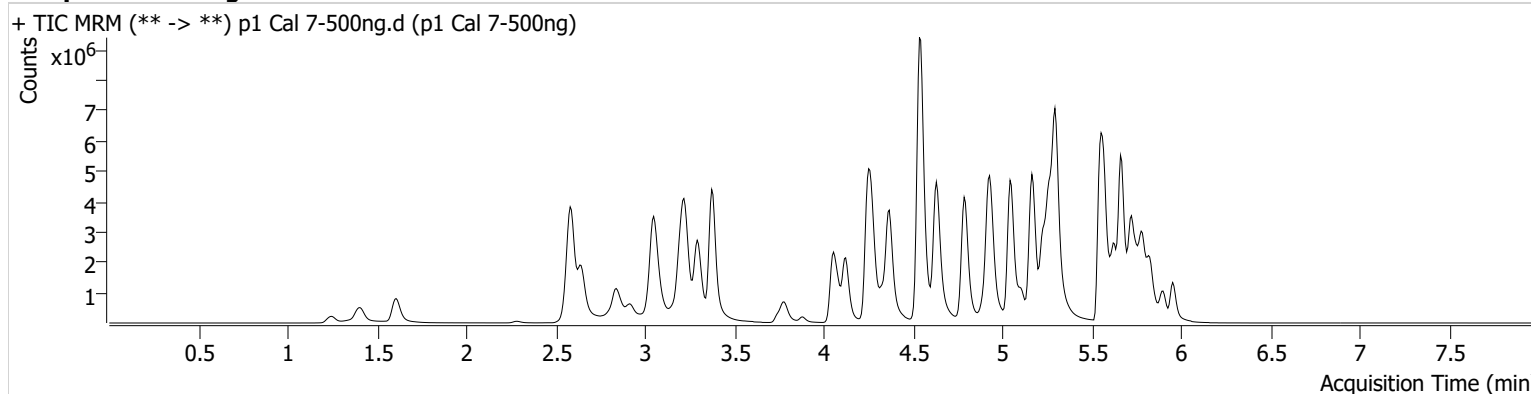


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	7/27/2022 10:17:58 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	107408	6055.60	69.4	1301.83	52438	51.6302 ng/ml
7-aminoclonazepam	4.263	808182	80.71	75.1	12405.49	81190	410.3824 ng/ml
a-hydroxyalprazolam	5.685	348450	1030.21	65.2	1888.30	142004	317.3666 ng/ml
alpha-PHP	4.936	1427735	3003.03	261.4	3250.69	452962	472.3285 ng/ml
alpha-PVP	4.368	6318312	1190.49	51.4	2890.47	452962	508.1909 ng/ml
Alprazolam	5.776	2113167	1430.69	104.5	840.71	142004	508.3715 ng/ml
Amphetamine	3.051	7783859	66495.08	45.7	42272.62	276912	339.1609 ng/ml
Benzoylcegonine	3.877	186209	29875.21	8.4	16885.14	13312	486.8144 ng/ml
Buprenorphine	5.853	199992	178071.53	15.5	22547.20	116237	53.4435 ng/ml
Bupropion	4.787	6850798	269399.59	67.5	37743.29	482083	498.7184 ng/ml
Carisoprodol	5.731	1337291	1060649.55	62.9	7687.93	114939	514.7904 ng/ml
Citalopram	5.225	4213108	28336.39	33.3	32867.31	354996	525.1282 ng/ml
Clonazepam	5.605	1626974	18873.70	35.1	1182.43	52522	467.6508 ng/ml
Clonazepam	5.549	812605	178122.10	38.8	546093.33	52522	347.4554 ng/ml
Cocaine	4.269	3396306	2003.34	56.8	2000.98	556652	499.4418 ng/ml
Codeine	2.587	322709	7035.48	97.6	9294.04	41780	433.0107 ng/ml
Cyclobenzaprine	5.628	3560508	79335.79	7.8	21718.28	255996	528.2140 ng/ml
Dextromethorphan	5.275	1973343	31164.45	80.2	76616.74	162218	505.2714 ng/ml
Dextrophan	4.123	1672344	3605.07	200.9	2369.60	326220	507.7740 ng/ml
Diazepam	5.954	1522762	2184.61	90.5	7557.45	143960	497.6525 ng/ml
Dihydrocodeine	2.552	1076471	14662.08	70.4	11473.29	167599	426.6672 ng/ml
Diphenhydramine	5.295	11106359	91356.97	31.1	99642.45	1267563	518.3338 ng/ml
Doxylamine	4.535	13733318	388049.23	95.5	47208.20	1177985	517.8366 ng/ml
EDDP	5.261	4860931	97962.44	41.0	840.98	481561	514.2550 ng/ml
Etizolam	5.814	1109872	9223.71	27.7	21494.32	52522	565.4483 ng/ml
Fentanyl	5.109	577630	119667.72	64.6	50473.66	605833	50.2640 ng/ml
Flualprazolam	5.699	709203	11514.54	109.3	3019.73	142004	473.5786 ng/ml
Fluoxetine	5.721	3387025	96686.41	7.7	621516.57	230568	523.5347 ng/ml
Hydrocodone	3.021	1655977	3880.78	40.2	∞	221979	467.1515 ng/ml
Hydromorphone	1.608	1639948	11238719.21	77.8	10161118.3	97536	519.5181 ng/ml
Ketamine	4.056	4227279	123313.60	33.4	2551.32	392598	486.4512 ng/ml
Lamotrigine	4.285	242101	457.67	90.8	64596.83	392598	352.3077 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.644	1651257	6901.64	165.5	2268.57	873090	519.3489 ng/ml
Lorazepam	5.747	634931	13165.48	54.7	3579.04	52522	224.3180 ng/ml
MDA	3.192	3689945	2270.04	27.0	3541.32	248379	378.9586 ng/ml
MDMA	3.292	3955983	3427.82	89.3	2235.73	78917	507.8673 ng/ml
Meprobamate	4.896	989443	70740.31	28.6	8646.75	170392	344.3709 ng/ml
Methadone	5.659	7454767	70932.62	57.4	162911.67	555985	529.6916 ng/ml
Methamphetamine	3.227	7651786	64516.77	37.1	18995.63	770390	440.0886 ng/ml
Metoprolol	4.331	978066	3559699.72	98.1	2377.73	927098	444.5981 ng/ml
Mirtazapine	4.630	8437200	14553.85	52.6	233887.21	452962	517.6037 ng/ml
Mitragynine	5.236	1476548	37958.89	36.7	156000.27	555985	486.3863 ng/ml
Morphine	1.247	247223	557.10	29.8	∞	7252	492.4215 ng/ml
Norbuprenorphine	4.998	21271	1064.11	96.2	149.74	19432	48.2903 ng/ml
Nordiazepam	5.900	1380129	∞	54.6	860.17	96043	488.7927 ng/ml
Norfentanyl	4.084	1052675	2963.75	36.4	591.84	688512	57.4428 ng/ml
Norhydrocodone	3.068	266222	∞	39.8	145.15	36423	580.6460 ng/ml
Noroxycodone	2.918	1184928	14693.33	48.2	5026.97	70038	515.7831 ng/ml
O-desmethyl-tramadol	3.372	10405374	172558.39	5.8	542.83	996700	515.3632 ng/ml
Oxazepam	5.750	943662	11646.62	74.7	2514.50	121809	462.9454 ng/ml
Oxycodone	2.829	2982010	1567.50	30.3	4520.83	272501	450.0568 ng/ml
Oxymorphone	1.405	1491837	1080.92	47.2	311.56	90435	523.0492 ng/ml
Phentermine	3.780	2007297	∞	4.9	395.16	666169	407.3245 ng/ml
Promethazine	5.545	9204796	6180.68	29.4	3680.58	720992	525.0643 ng/ml
Pseudoephedrine	2.590	9446600	63347.28	16.6	6345.18	873090	514.2266 ng/ml
Quetiapine	5.569	4634894	439.71	59.6	938.95	133053	498.7262 ng/ml
Sertraline	5.790	1139423	22742.66	93.1	44749.35	91492	517.1191 ng/ml
Temazepam	5.824	2629502	45711.80	27.0	355.11	248988	493.0230 ng/ml
Tramadol	4.244	9593236	2053.60	3.3	181.15	927098	497.2432 ng/ml
Trazodone	5.162	6280618	123942.58	81.9	188121.45	585610	479.4276 ng/ml
Venlafaxine	5.043	9212587	57750.83	30.4	5480.76	889201	516.5747 ng/ml
Zolpidem	4.920	7437822	348568.19	28.3	6779.85	830362	471.9810 ng/ml

TS

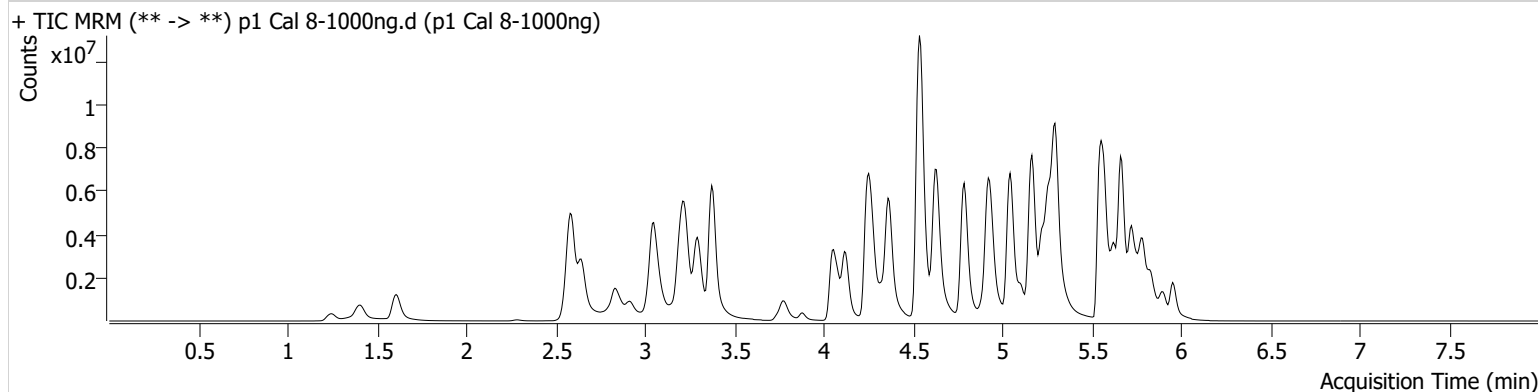


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\072722 AM 27 28 P1 TS_Urines\QuantResults\AM 28.batch.bin
Calibration Last Update 8/2/2022 3:22:03 PM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-H1 **Comment**
Injection Volume 2
Acq. Date-Time 7/27/2022 10:28:36 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	188719	762.39	69.5	3069.38	47033	101.1544 ng/ml
7-aminoclonazepam	4.256	807085	1794.31	72.2	5732.37	48852	681.6985 ng/ml
a-hydroxyalprazolam	5.685	355236	130.28	66.0	726.25	98154	468.7607 ng/ml
alpha-PHP	4.936	2080128	16760.95	264.0	116301.93	366934	850.2620 ng/ml
alpha-PVP	4.361	10377439	1755.53	50.8	215201.98	366934	1030.3035 ng/ml
Alprazolam	5.776	2848935	779.93	105.2	3413.38	98154	991.5482 ng/ml
Amphetamine	3.051	10434360	54616.21	45.9	2041.16	243116	518.6355 ng/ml
Benzoylcegonine	3.877	364090	757.50	8.2	85682.51	12783	991.2815 ng/ml
Buprenorphine	5.853	363230	184730.71	15.0	105417.26	94751	118.9655 ng/ml
Bupropion	4.787	11357568	234922.13	66.6	36006.42	415681	959.1533 ng/ml
Carisoprodol	5.731	1451434	39989.68	62.7	33050.46	59376	1081.2928 ng/ml
Citalopram	5.218	5569267	68751.30	33.6	27191.44	254962	966.3824 ng/ml
Clonazepam	5.605	1848275	65468.84	34.9	39492.28	33597	831.3456 ng/ml
Clonazepam	5.542	807895	8938.12	38.2	332973.31	33597	540.6284 ng/ml
Cocaine	4.262	5096198	745.39	56.2	1591.57	414247	1007.3785 ng/ml
Codeine	2.580	450053	2690.69	97.0	3930.93	31042	813.7753 ng/ml
Cyclobenzaprine	5.628	5255473	49379.82	7.6	338.09	182542	1092.6845 ng/ml
Dextromethorphan	5.268	2612074	19729.92	81.1	32213.49	107006	1013.8913 ng/ml
Dextrophan	4.123	2704561	96171.47	204.1	3605.89	256664	1043.4109 ng/ml
Diazepam	5.954	2282456	824.45	88.4	5622.96	110684	970.6207 ng/ml
Dihydrocodeine	2.552	1650898	20826.47	71.4	572.67	155851	704.2699 ng/ml
Diphenhydramine	5.295	16066536	106955.48	31.9	36516.15	917605	1035.4190 ng/ml
Doxylamine	4.535	21465667	424755.78	96.7	167639.60	1024163	931.0319 ng/ml
EDDP	5.261	8018811	109224.26	39.5	707.52	386954	1055.5057 ng/ml
Etizolam	5.814	1625778	6166.87	26.7	5306.14	33597	1294.2256 ng/ml
Fentanyl	5.102	1088529	63707.82	63.7	115498.36	536167	106.9973 ng/ml
Flualprazolam	5.706	885221	5787.81	109.2	46717.40	98154	855.8824 ng/ml
Fluoxetine	5.721	4693013	30701.30	7.7	169806.36	152127	1098.9181 ng/ml
Hydrocodone	3.021	2749845	3102.99	41.0	∞	194646	885.3466 ng/ml
Hydromorphone	1.608	2692881	11232623.78	78.4	8323795.38	84075	989.6874 ng/ml
Ketamine	4.049	6850557	137596.36	32.9	∞	340651	909.0230 ng/ml
Lamotrigine	4.285	308992	1929.09	87.8	6333.64	340651	518.8182 ng/ml
Levetiracetam	2.644	2494750	25678.89	168.2	1104.67	622549	1100.0569 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	661041	18636.34	53.4	1459.12	33597	366.2104 ng/ml
MDA	3.192	4750287	65937.50	26.9	1059.48	188523	643.4233 ng/ml
MDMA	3.292	5823776	41413.36	89.9	3180.33	62119	949.9069 ng/ml
Meprobamate	4.889	1233656	43898.33	28.4	6537.01	135476	540.5459 ng/ml
Methadone	5.659	11385443	179518.23	56.9	1434.73	420879	1068.2649 ng/ml
Methamphetamine	3.220	11832015	112114.00	36.7	54677.37	730693	718.9400 ng/ml
Metoprolol	4.324	1374909	5524.89	100.0	56157.63	773678	749.4294 ng/ml
Mirtazapine	4.630	13731179	240441.17	51.9	184418.64	366934	1039.5383 ng/ml
Mitragynine	5.236	2061623	147966.91	37.5	65108.69	420879	897.5981 ng/ml
Morphine	1.247	400738	374.47	28.3	217.21	6135	944.0714 ng/ml
Norbuprenorphine	4.998	38680	1144.82	90.7	390.79	16639	102.7413 ng/ml
Nordiazepam	5.900	1733367	3856.54	53.9	423.53	61820	954.0576 ng/ml
Norfentanyl	4.084	1726287	23360.30	36.3	10555.71	484356	133.8572 ng/ml
Norhydrocodone	3.068	464146	130.32	40.3	510.63	28223	1305.2395 ng/ml
Noroxycodone	2.918	1654143	3652.23	48.8	15749.24	48909	1031.2611 ng/ml
O-desmethyl-tramadol	3.372	16672782	319130.10	5.8	2215.19	801973	1026.0751 ng/ml
Oxazepam	5.750	907659	16825.12	71.8	10491.48	56289	964.0455 ng/ml
Oxycodone	2.823	4468785	1449.11	30.6	1962.21	229420	801.8337 ng/ml
Oxymorphone	1.405	2234611	∞	50.1	914.10	78205	906.1939 ng/ml
Phentermine	3.780	2942704	∞	5.0	2412.67	597279	666.7649 ng/ml
Promethazine	5.545	14191126	2997.53	29.3	3304.42	562131	1037.9220 ng/ml
Pseudoephedrine	2.590	14109488	123234.08	16.1	51907.19	622549	1076.8525 ng/ml
Quetiapine	5.569	6476886	154431.02	60.5	3721.65	99468	932.8008 ng/ml
Sertraline	5.790	1607665	39120.02	92.8	125023.04	63185	1056.1829 ng/ml
Temazepam	5.831	2909561	58774.75	27.3	2195.84	130483	1041.0038 ng/ml
Tramadol	4.244	14378919	956.41	3.3	515.86	773678	893.4783 ng/ml
Trazodone	5.162	10394655	150509.96	81.2	953.26	540058	860.9742 ng/ml
Venlafaxine	5.043	14868712	3290.76	30.0	2235.58	705614	1050.5116 ng/ml
Zolpidem	4.920	11351141	167968.94	28.1	∞	720051	831.2881 ng/ml