

REVIEWED

By Anne Nord at 1:18 pm, Sep 01, 2022

8/31/2022

CS
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Worklist: 6081

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-3050	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3083	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3106	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3122	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3220	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3376	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3400	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3402	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-3403	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2113	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2427	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2429	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2439	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2491	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2496	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2520	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2522	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2523	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2527	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2532	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2546	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6081

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<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-2581	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-2601	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



Worklist: 6069

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
P2022-2008	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2094	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2095	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2096	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2097	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2123	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2203	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2207	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2218	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2236	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2238	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2248	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2251	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2357	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2383	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2385	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2388	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2407	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2409	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2426	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

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Extraction Date: 08/25/2022

Analyst: Celena Shrum

Plate lot#: 220324

Plate Retest Date: 09/24/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 22B52015-1

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

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. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. (SKIPPED PER DEVIATION)
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 15. Remove plate containing eluate.
- 16. Add 50 ul 1% HCl in MeOH to all wells with samples.
- 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 18. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

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.

Curve limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-250, Amphetamine 5-250, Buprenorphine 2.5-100, ~~Chlordiazepoxide 5-500~~, Clonazepam 5-500, Clonazolam 5-250, Dihydrocodeine 5-500, Flualprazolam 5-500, MDA 5-500, Meprobamate 5-250, Methamphetamine 5-500, Norhydrocodone 5-250, Norfentanyl 0.5-50, Oxycodone 5-500, Phentermine 5-500. Chlordiazepoxide not evaluated.

Tamara Salazar had samples in this batch. Celena Shrum acted as the primary analyst and preformed steps 3-18.

I, Tamara Salazar, approved of all steps utilized in this method. TS

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	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-3106-2	P2022-2427-1	P2022-2527-1	P2022-2096-1	P2022-2251-1	P2022-2236-1				
B	IS + Cal. 2	IS + QC_2	M2022-3122-2	P2022-2429-1	P2022-2532-1	P2022-2097-1	P2022-2357-1					
C	IS + Cal. 3	IS + QC_3	M2022-3220-1	P2022-2439-1	P2022-2546-1	P2022-2123-1	P2022-2383-1					
D	IS + Cal. 4	IS + QC_4	M2022-3376-3	P2022-2491-1	P2022-2581-1	P2022-2203-1	P2022-2385-1					
E	IS + Cal. 5		M2022-3400-2	P2022-2496-2	P2022-2601-1	P2022-2207-1	P2022-2388-2					
F	IS + Cal. 6	Blood NEG	M2022-3402-2	P2022-2520-1	P2022-2008-1	P2022-2218-1	P2022-2407-1					
G	IS + Cal. 7	M2022-3050-2	M2022-3403-3	P2022-2522-1	P2022-2094-1	P2022-2238-1	P2022-2409-1					
H	IS + Cal. 8	M2022-3083-1	P2022-2113-1	P2022-2523-3	P2022-2095-1	P2022-2248-1	P2022-2426-1					

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



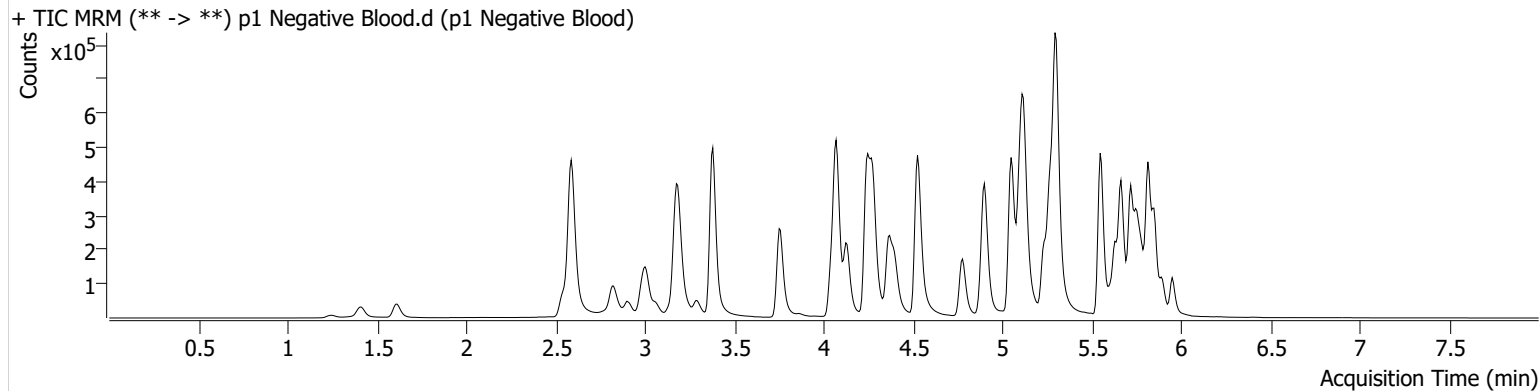


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	8/26/2022 11:22:19 PM		
Sample Info.			

Sample Chromatogram



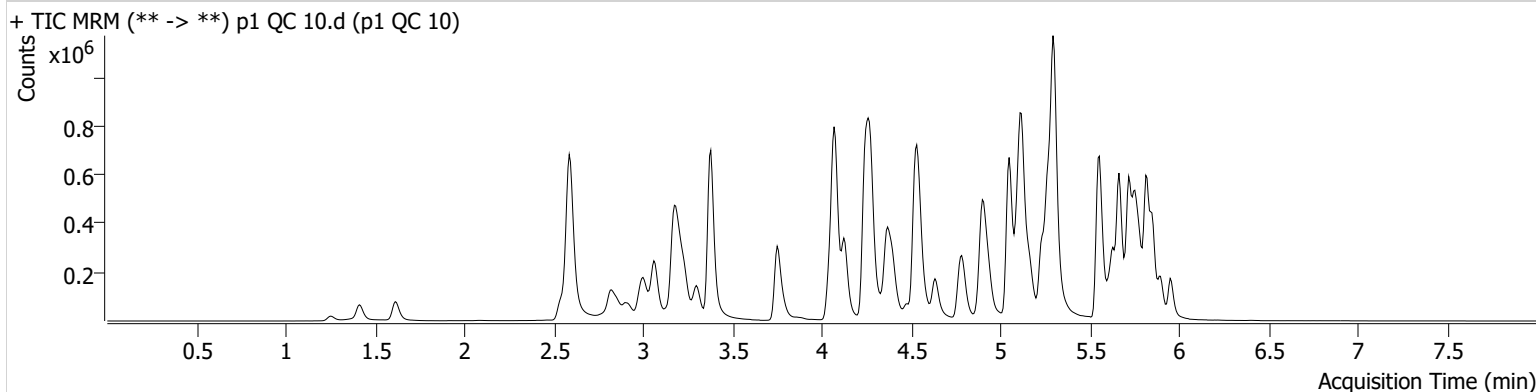


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-A2 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 9:57:16 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	2659	163.59	66.4	2352.37	59978	0.9865 ng/ml
7-aminoclonazepam	4.271	46253	103.70	70.8	42.09	184229	10.7781 ng/ml
a-hydroxyalprazolam	5.695	26101	207.53	64.7	203.99	282535	11.7887 ng/ml
alpha-PHP	4.941	47383	470.25	268.4	432.94	671275	10.1303 ng/ml
alpha-PVP	4.377	180081	2018.27	51.3	951.02	671275	9.8024 ng/ml
Alprazolam	5.779	84849	1111.14	104.3	276.06	282535	10.1367 ng/ml
Amphetamine	3.064	380039	58405.07	46.3	722.02	342144	10.6571 ng/ml
Benzoylcegonine	3.891	3935	141.87	7.8	126.90	11938	11.2063 ng/ml
Buprenorphine	5.836	4086	40.02	10.8 Low	303.36	142072	1.1862 ng/ml *
Bupropion	4.792	182435	9787.36	70.2	5035.45	534761	9.5842 ng/ml
Carisoprodol	5.727	79695	71437.91	64.7	92.60	325516	9.5111 ng/ml
Chlordiazepoxide	5.854	54108	1404.55	66.8	1216.63	589559	10.1820 ng/ml NE
Chlorpheniramine	5.124	298945	1317.11	0.2	56.88	1265966	10.2627 ng/ml
Citalopram	5.231	146236	1343.23	33.2	2025.31	551232	10.6220 ng/ml
Clonazepam	5.614	87162	150.87	35.6	52491.06	111977	10.4669 ng/ml
Clonazolam	5.558	61212	3043.35	34.1	15560.27	111977	10.4064 ng/ml
Cocaine	4.271	120832	4909.49	57.0	1846.05	1007043	10.1763 ng/ml
Codeine	2.600	15368	755.25	101.0	27567.03	67349	10.6326 ng/ml
Cyclobenzaprine	5.631	97283	1968.60	8.6	163.73	396220	9.7857 ng/ml
Dextromethorphan	5.275	79188	128.95	87.9	683.79	351916	10.2556 ng/ml
Dextrorphan	4.131	50298	240.44	196.6	398.56	524535	10.1941 ng/ml
Diazepam	5.957	54716	192.61	90.0	240.11	237827	10.0690 ng/ml
Dihydrocodeine	2.572	36470	3430.21	68.9	388.47	215857	10.4530 ng/ml
Diphenhydramine	5.303	379403	265.16	30.9	3494.80	2022046	10.0449 ng/ml
Doxylamine	4.545	384581	972.20	95.6	2124.62	1676784	10.0819 ng/ml
Duloxetine	5.657	8195	213.45	11.6	120.80	36958	10.5388 ng/ml
EDDP	5.268	146900	2391.30	41.5	301.27	736449	9.9503 ng/ml
Etizolam	5.817	40702	49587.58	27.7	1907.00	111977	9.0624 ng/ml
Fentanyl	5.108	11871	22.88	66.1	122.32	630016	1.0161 ng/ml
Flualprazolam	5.708	31850	628.33	100.0	1412.31	282535	10.9282 ng/ml
Fluoxetine	5.717	112103	319.87	7.8	143.37	374193	9.7967 ng/ml
Hydrocodone	3.033	56520	741.06	37.1	148.77	290127	10.3848 ng/ml
Hydromorphone	1.622	51346	925.05	79.3	197295.07	141986	11.2146 ng/ml

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AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.721	114495	732.22	75.6	666.59	351916	8.9163 ng/ml
Ketamine	4.057	128834	99089.29	33.8	291.38	472767	10.6159 ng/ml
Lamotrigine	4.287	10203	421.65	88.6	723.84	1636186	10.1152 ng/ml
Lorazepam	5.750	82936	2148.27	51.9	414.65	499817	10.8156 ng/ml
MDA	3.211	217633	1230.83	28.9	297.39	443360	10.3719 ng/ml
MDMA	3.305	128987	497.89	88.4	799.14	115368	10.3854 ng/ml
Meprobamate	4.908	46300	6079.98	31.0	842.69	255816	10.3777 ng/ml
Methadone	5.662	225396	341.55	53.2	3137.03	809276	9.9800 ng/ml
Methamphetamine	3.232	234888	2603.61	39.4	332.41	1066927	10.2307 ng/ml
Metoprolol	4.334	33784	206.68	103.3	210.36	1296266	10.4513 ng/ml
Mirtazapine	4.634	262266	1265.04	55.0	2045.71	671275	10.3668 ng/ml
Mitragynine	5.243	41946	62416.97	35.0	6033.32	809276	9.1448 ng/ml
Morphine	1.261	8660	960.46	28.8	60.76	11630	9.8474 ng/ml
Norbuprenorphine	5.004	458	552.84	96.7	937.81	20660	0.7638 ng/ml
Nordiazepam	5.904	64410	3134.46	57.2	345.46	190803	10.2857 ng/ml
Norfentanyl	4.091	31674	772.38	34.5	76.16	1107341	0.9938 ng/ml
Norhydrocodone	3.081	8051	57.46	38.7	57.47	70414	9.5278 ng/ml
Noroxycodone	2.924	56289	147.55	46.2	339.61	154990	9.9040 ng/ml
O-desmethyl-tramadol	3.379	292064	693.82	6.0	265.87	1516061	10.0762 ng/ml
o-desmethylvenlafaxine	4.076	421397	9389.15	15.6	317.64	299909	9.8569 ng/ml
Olanzapine	4.475	85744	1733.26	56.9	828.22	196724	10.2498 ng/ml
Oxazepam	5.760	103587	103.35	72.2	∞	499817	10.3490 ng/ml
Oxycodone	2.849	104918	720.27	31.3	245.01	394173	9.9296 ng/ml
Oxymorphone	1.418	47886	668.38	49.0	730.77	143926	9.7190 ng/ml
Phentermine	3.787	74179	295.55	5.5	199.47	840427	10.6408 ng/ml
Promethazine	5.554	225753	928.67	30.5	280.42	941321	10.4546 ng/ml
Pseudoephedrine	2.596	343755	689.73	16.9	170.20	1636186	9.7049 ng/ml
Quetiapine	5.564	179893	5481.61	58.4	1582158.45	230767	10.5768 ng/ml
Sertraline	5.792	25900	429.39	101.5	2273.76	107371	9.6868 ng/ml
Temazepam	5.820	178202	2382.97	27.7	111.38	813750	10.5544 ng/ml
Tramadol	4.253	281497	∞	3.2	31.68	1296266	10.0820 ng/ml
Trazodone	5.161	196037	1137.20	63.8	3035.27	562856	10.1582 ng/ml
Venlafaxine	5.049	246555	3864.66	36.2	173.67	1400858	9.2081 ng/ml
Zolpidem	4.918	244341	7340.85	29.1	5427.39	1010630	10.1990 ng/ml

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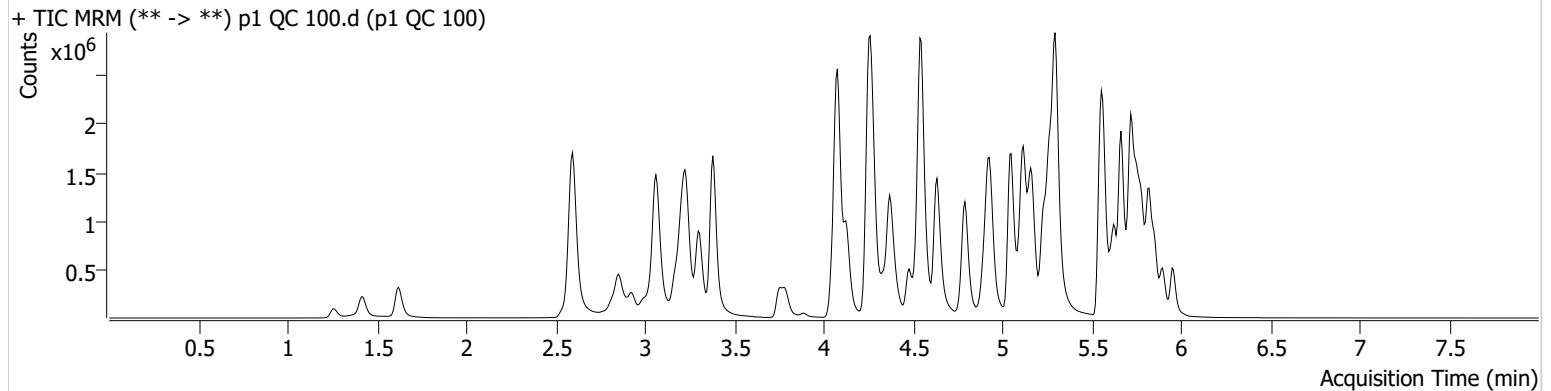


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-B2 **Comment**
Injection Volume 2
Acq. Date-Time 8/27/2022 3:08:47 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	25143	38921.87	71.2	1695.87	56266	10.2378 ng/ml
7-aminoclonazepam	4.265	315899	10994.86	71.6	3983.16	133907	104.9068 ng/ml
a-hydroxyalprazolam	5.695	175553	∞	69.7	336.77	225909	106.4643 ng/ml
alpha-PHP	4.935	426550	8674.11	261.3	3038.53	618411	103.6103 ng/ml
alpha-PVP	4.370	1690412	101130.08	50.6	2014.78	618411	97.2303 ng/ml
Alprazolam	5.772	705446	∞	105.4	873.79	225909	102.4637 ng/ml
Amphetamine	3.064	3004057	891.25	44.9	826.22	306187	103.0407 ng/ml
Benzoylecgonine	3.884	38854	596.52	8.5	4605.21	13329	100.3667 ng/ml
Buprenorphine	5.836	37916	2720.28	15.5	9064.22	134345	9.5887 ng/ml
Bupropion	4.792	1721667	53868.38	70.9	876.32	508503	96.8314 ng/ml
Carisoprodol	5.727	510734	943426.42	64.3	5476.82	209003	90.5516 ng/ml
Chlordiazepoxide	5.854	423843	8097.20	68.1	4021.51	502236	101.5073 ng/ml NE
Chlorpheniramine	5.117	2811746	12708.02	0.3	92.89	1167394	102.6495 ng/ml
Citalopram	5.231	1336192	25699.77	32.6	978776.89	509031	102.4078 ng/ml
Clonazepam	5.607	659419	11972.28	35.2	7951.54	87765	108.1279 ng/ml
Clonazolam	5.551	430290	6039.11	35.5	21687.12	87765	103.9686 ng/ml
Cocaine	4.271	1074504	1570.54	56.8	47427.67	904536	98.9319 ng/ml
Codeine	2.593	125877	1413.19	100.6	157.67	60621	110.6136 ng/ml
Cyclobenzaprine	5.631	914852	293091.21	8.4	142.49	373871	93.7572 ng/ml
Dextromethorphan	5.275	696759	25585.41	84.2	95867.46	304383	103.2708 ng/ml
Dextrorphan	4.124	463965	563.81	199.5	4042.42	481261	100.1344 ng/ml
Diazepam	5.957	457742	1130.85	88.4	646.44	199537	101.6318 ng/ml
Dihydrocodeine	2.572	319924	4348.04	71.8	66652.78	202975	104.0720 ng/ml
Diphenhydramine	5.296	3435095	47139.15	30.4	530.84	1753126	100.9684 ng/ml
Doxylamine	4.545	3688108	200937.29	94.2	104609.55	1582103	100.9835 ng/ml
Duloxetine	5.657	71420	582.46	12.1	696.64	36328	101.1560 ng/ml
EDDP	5.268	1374550	72221.07	42.3	35364.69	700531	96.3581 ng/ml
Etizolam	5.817	350953	8345.49	27.8	2064.50	87765	95.6403 ng/ml
Fentanyl	5.108	111646	124.73	65.1	34121.93	614624	10.4851 ng/ml
Flualprazolam	5.701	235108	4710.81	102.7	29650.13	225909	106.9296 ng/ml
Fluoxetine	5.717	896436	14968.57	7.8	117.20	291727	97.4067 ng/ml
Hydrocodone	3.033	488874	288.53	38.7	250.96	275490	101.2614 ng/ml
Hydromorphone	1.622	476211	3768812.82	79.3	22786.21	144396	102.1260 ng/ml

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CS

AM #28 Multi-Drug Quant. Results



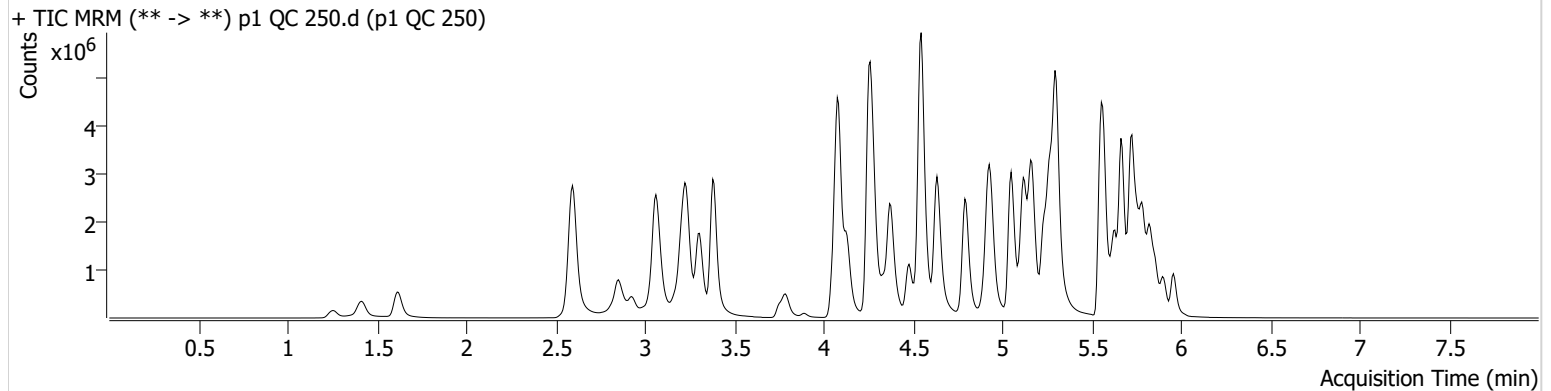
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	1045365	15165.34	77.3	93169.92	304383	87.2660 ng/ml
Ketamine	4.057	1129928	132882.06	33.8	681.52	442571	108.0793 ng/ml
Lamotrigine	4.287	88073	1393.75	88.4	3206.55	1398379	105.2329 ng/ml
Lorazepam	5.750	463908	1618.13	54.6	1414.84	330327	100.3034 ng/ml
MDA	3.205	1635402	5973.25	28.3	2686.14	365985	105.5312 ng/ml
MDMA	3.305	1159153	7668.33	89.1	9681.56	108151	99.4327 ng/ml
Meprobamate	4.901	352085	299.44	29.0	322.81	224084	99.2084 ng/ml
Methadone	5.662	2023138	1159.08	54.4	936.93	729846	96.3146 ng/ml
Methamphetamine	3.232	2115018	770.21	38.5	5311.82	1035158	102.9322 ng/ml
Metoprolol	4.334	305258	738879.39	102.5	80014.20	1215448	108.6962 ng/ml
Mirtazapine	4.634	2436802	544150.59	54.3	95646.30	618411	103.6224 ng/ml
Mitragynine	5.236	401104	574192.34	34.4	113355.65	729846	99.4905 ng/ml
Morphine	1.261	80811	722.96	28.6	77.16	10534	105.0136 ng/ml
Norbuprenorphine	5.004	4428	11844.55	99.9	3792.95	20377	9.5588 ng/ml
Nordiazepam	5.897	486518	5486.94	56.7	2243.96	144723	103.4725 ng/ml
Norfentanyl	4.091	270586	15361.62	36.7	50.36	912066	9.5611 ng/ml
Norhydrocodone	3.081	65551	452.24	38.3	815.16	49840	105.7003 ng/ml
Noroxycodone	2.924	456409	2203.40	47.9	1277.21	128445	99.6105 ng/ml
O-desmethyl-tramadol	3.379	2756409	255590.10	6.0	16390.46	1422811	98.5498 ng/ml
o-desmethylvenlafaxine	4.076	3950387	797683.95	14.8	5905.91	263447	101.7947 ng/ml
Olanzapine	4.475	811984	3080.39	57.3	5248.83	183929	104.2688 ng/ml
Oxazepam	5.753	664357	5485.62	71.6	3353.76	330327	103.0065 ng/ml
Oxycodone	2.849	952642	4046.69	30.3	2770.17	378405	98.9700 ng/ml
Oxymorphone	1.418	422798	521.98	47.5	∞	122251	103.2007 ng/ml
Phentermine	3.787	634583	1919.92	5.4	115.44	794658	104.4965 ng/ml
Promethazine	5.547	2145757	48102.41	31.8	701.96	889207	101.6796 ng/ml
Pseudoephedrine	2.596	3110121	885.33	17.0	54311.79	1398379	97.8526 ng/ml
Quetiapine	5.564	1504210	26926.76	59.7	79841.73	202601	107.8993 ng/ml
Sertraline	5.786	249013	4285.92	97.3	367.21	100990	96.7495 ng/ml
Temazepam	5.820	1224145	4842.37	28.8	379.30	595391	98.2812 ng/ml
Tramadol	4.253	2608653	408.93	3.2	∞	1215448	102.1761 ng/ml
Trazodone	5.155	1792299	1355691.42	64.8	1952382.63	541115	100.0463 ng/ml
Venlafaxine	5.049	2367525	1815.72	34.7	11596.29	1292710	92.5657 ng/ml
Zolpidem	4.918	2237765	2638.03	28.4	80141.75	949357	104.6597 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-C2 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 10:18:30 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	56975	730.66	69.2	1373.49	50706	25.7912 ng/ml
7-aminoclonazepam	4.271	563258	22177.79	71.1	3930.16	101150	248.2159 ng/ml
a-hydroxyalprazolam	5.695	253856	1111.60	70.2	324.54	178409	195.7586 ng/ml
alpha-PHP	4.941	901982	10407.29	255.6	41891.84	521976	260.3641 ng/ml
alpha-PVP	4.377	3654293	52029.41	50.9	20297.28	521976	248.5723 ng/ml
Alprazolam	5.779	1382608	∞	104.8	2319.30	178409	253.8233 ng/ml
Amphetamine	3.064	5576996	781.67	45.8	838.35	279446	210.7753 ng/ml
Benzoylcegonine	3.891	86090	528.91	8.2	614.50	11303	262.5105 ng/ml
Buprenorphine	5.836	80720	103135.40	15.6	27304.07	112631	23.9904 ng/ml
Bupropion	4.792	3876779	794.03	69.9	35019.00	463963	239.2542 ng/ml
Carisoprodol	5.733	799180	13836.39	62.6	2541.32	120308	245.3132 ng/ml
Chlordiazepoxide	5.854	754514	152912.77	77.6	3685.66	385606	236.6233 ng/ml
Chlorpheniramine	5.124	6010473	9676.62	0.3	594.10	988156	258.8914 ng/ml
Citalopram	5.231	2699731	57488.61	32.8	∞	407364	258.0891 ng/ml
Clonazepam	5.614	1137625	1714.38	35.8	1278.49	67114	244.9723 ng/ml
Clonazolam	5.558	663250	18337.11	36.6	381778.55	67114	210.9258 ng/ml
Cocaine	4.271	2168793	42383.46	57.4	∞	715194	252.2334 ng/ml
Codeine	2.593	225612	245.29	100.5	3580.95	48245	251.2533 ng/ml
Cyclobenzaprine	5.631	2261395	225348.91	7.8	2107.41	339051	254.8315 ng/ml
Dextromethorphan	5.275	1417373	31318.96	82.1	639.66	244143	261.7349 ng/ml
Dextrorphan	4.131	995245	82018.41	200.7	33281.72	398155	259.2168 ng/ml
Diazepam	5.957	941915	∞	89.9	12299.22	165827	251.8485 ng/ml
Dihydrocodeine	2.565	674450	16579.05	70.3	9387.12	186096	240.3231 ng/ml
Diphenhydramine	5.303	7357882	∞	30.1	55275.67	1473012	256.7543 ng/ml
Doxylamine	4.545	8285615	4140.01	93.1	16663.47	1323407	270.9409 ng/ml
Duloxetine	5.657	181701	1967.02	12.4	503.13	35625	263.9939 ng/ml
EDDP	5.268	3087690	71149.87	41.8	352.85	606183	249.8663 ng/ml
Etizolam	5.817	711549	3182.76	27.8	303.87	67114	252.9058 ng/ml
Fentanyl	5.108	254851	4509.73	63.7	335155.81	559651	26.4053 ng/ml
Flualprazolam	5.701	406975	2939.75	105.8	9331.55	178409	235.2528 ng/ml
Fluoxetine	5.724	2016501	35544.61	7.7	6489.43	254392	250.7456 ng/ml
Hydrocodone	3.033	1007600	768.86	39.6	415.90	235243	245.5748 ng/ml
Hydromorphone	1.615	1037048	4390193.36	78.7	2412.77	122913	261.2427 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	2389034	88524.83	78.3	148671.31	244143	247.3158 ng/ml
Ketamine	4.057	2369115	1582.70	33.5	7781.37	389142	259.1493 ng/ml
Lamotrigine	4.294	169180	1045.20	91.2	314401.37	1107080	255.8106 ng/ml
Lorazepam	5.750	580770	17582.83	54.5	2045.30	188623	221.3064 ng/ml
MDA	3.205	2903582	2461.18	27.2	4335.81	295688	233.5531 ng/ml
MDMA	3.305	2476280	9599.26	89.3	9247.13	92029	249.6090 ng/ml
Meprobamate	4.908	610931	15618.53	27.9	18290.14	179065	216.8128 ng/ml
Methadone	5.662	4677316	106776.32	53.9	1395.31	637277	254.4607 ng/ml
Methamphetamine	3.232	4489962	2227.63	38.1	2019.83	936501	242.8323 ng/ml
Metoprolol	4.334	615173	2223.33	104.4	7030.40	990378	270.1933 ng/ml
Mirtazapine	4.634	5173834	224102.36	53.1	113163.36	521976	260.5029 ng/ml
Mitragynine	5.243	848516	705265.56	35.1	707092.03	637277	241.4139 ng/ml
Morphine	1.253	175040	663.03	28.2	1838.36	9637	249.1639 ng/ml
Norbuprenorphine	5.004	10289	112.78	97.3	2234.89	18517	24.8108 ng/ml
Nordiazepam	5.904	954953	25181.17	56.1	5183.92	114432	257.0350 ng/ml
Norfentanyl	4.098	530338	440.89	37.1	3571.66	663901	25.6093 ng/ml
Norhydrocodone	3.081	144254	222.63	40.0	139.25	39542	292.5319 ng/ml
Noroxycodone	2.924	831509	4533.19	48.6	5942.05	91015	256.5911 ng/ml
O-desmethyl-tramadol	3.379	6087135	108103.10	5.8	13682.28	1197832	258.0112 ng/ml
o-desmethylvenlafaxine	4.083	8242646	153284.44	14.7	4486.19	213729	261.2549 ng/ml
Olanzapine	4.475	1851290	8429.28	59.1	5440.73	167330	261.3858 ng/ml
Oxazepam	5.760	918340	447.74	71.0	251.58	188623	249.7749 ng/ml
Oxycodone	2.842	1931792	1028.22	30.5	1275.30	328743	231.8088 ng/ml
Oxymorphone	1.411	889492	∞	48.8	∞	107564	247.0846 ng/ml
Phentermine	3.787	1285543	10864.95	5.0	1876.24	711508	237.7191 ng/ml
Promethazine	5.547	5518286	2487.67	29.9	19157.04	857569	270.4923 ng/ml
Pseudoephedrine	2.596	6382952	101785.08	16.5	131382.44	1107080	252.8548 ng/ml
Quetiapine	5.564	2953950	1220.54	58.5	27260.28	167934	256.7824 ng/ml
Sertraline	5.792	793345	19061.48	95.9	13655.42	126820	245.0811 ng/ml
Temazepam	5.827	2002275	16293.87	27.7	1264.80	378193	252.9233 ng/ml
Tramadol	4.253	5545410	∞	3.5	140.54	990378	267.0230 ng/ml
Trazodone	5.161	3813075	490.75	71.0	1623.90	483422	238.8070 ng/ml
Venlafaxine	5.049	5246792	80034.82	33.5	12041.30	1080115	244.9454 ng/ml
Zolpidem	4.918	4827267	1555.98	27.7	148213.65	829177	259.3707 ng/ml

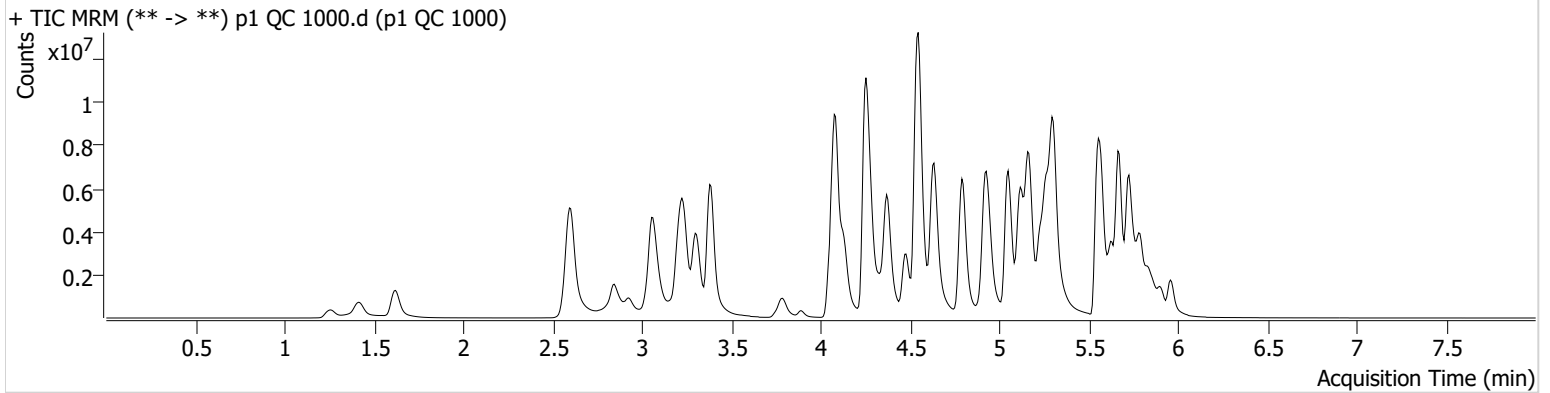
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-D2 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 10:39:46 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	179752	2012.87	69.3	102170.77	41261	100.0895 ng/ml
7-aminoclonazepam	4.271	746885	3725.09	71.3	3466.43	42163	790.5472 ng/ml *
a-hydroxyalprazolam	5.688	303231	328.51	67.7	507.75	90153	464.0921 ng/ml *
alpha-PHP	4.941	2151651	3413.79	267.4	78582.72	356964	909.5115 ng/ml
alpha-PVP	4.370	10370094	252724.88	50.6	59313.89	356964	1030.5666 ng/ml
Alprazolam	5.779	2718695	∞	102.2	396.37	90153	986.8079 ng/ml
Amphetamine	3.064	11008397	173145.56	46.0	178.86	208113	560.5290 ng/ml *
Benzoylcegonine	3.891	324993	1269.46	8.5	14398.59	10683	1049.0057 ng/ml
Buprenorphine	5.836	215695	3784.08	15.8	19445.37	70542	101.5930 ng/ml
Bupropion	4.792	11422423	171804.01	68.8	222154.60	361049	906.4019 ng/ml
Carisoprodol	5.733	1019623	1725085.30	62.0	7751.94	33727	1114.7064 ng/ml
Chlordiazepoxide	5.861	1207668	141840.36	93.7 High	8917.66	198979	735.9868 ng/ml *
Chlorpheniramine	5.117	15869959	24240.26	0.3	3981.33	661876	1019.9012 ng/ml
Citalopram	5.225	5565994	73271.34	33.1	87435.65	201132	1076.7292 ng/ml
Clonazepam	5.607	1695096	11809.99	35.8	1605.49	32047	766.1751 ng/ml *
Clonazolam	5.564	797984	105426.69	36.8	205449.15	32047	533.4950 ng/ml *
Cocaine	4.271	5169060	678.53	56.5	343614.93	417868	1028.2887 ng/ml
Codeine	2.593	478454	12288.42	95.7	6959.12	31737	813.7916 ng/ml
Cyclobenzaprine	5.631	5083057	1123.91	7.7	2513.05	179893	1078.2140 ng/ml
Dextromethorphan	5.275	2642410	49444.84	81.3	162804.88	113718	1047.2427 ng/ml
Dextrorphan	4.131	2646509	111302.15	204.2	237278.34	255084	1075.0889 ng/ml
Diazepam	5.957	2231712	453.95	89.0	15274.54	104358	948.5665 ng/ml
Dihydrocodeine	2.565	1673257	17990.06	71.8	25638.89	158329	702.2919 ng/ml *
Diphenhydramine	5.303	16489159	159026.50	31.4	37168.94	805769	1050.5753 ng/ml
Doxylamine	4.545	21891177	291548.41	94.5	334593.58	994858	951.8421 ng/ml
Duloxetine	5.657	244522	1482.97	13.2	728.07	12474	1017.3833 ng/ml
EDDP	5.268	8717437	443764.05	39.9	25009.41	395869	1079.6562 ng/ml
Etizolam	5.817	1543070	16433.97	27.7	3376.19	32047	1147.1619 ng/ml
Fentanyl	5.101	589446	6140.86	63.7	720436.42	380313	90.0638 ng/ml
Flualprazolam	5.701	613759	15759.42	107.7	7612.35	90153	703.5618 ng/ml *
Fluoxetine	5.724	3263658	179251.52	7.4	105275.92	91335	1129.1629 ng/ml
Hydrocodone	3.026	2699281	293.77	40.6	∞	181797	853.3088 ng/ml
Hydromorphone	1.622	2914970	7401336.73	78.8	6497996.22	87356	1033.1510 ng/ml

p1 QC 1000

Generated at 10:00 AM on 9/1/2022

*Outside curve range.

**NE- Not evaluated

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	5599479	188159.77	79.4	235001.68	113718	1241.5943 ng/ml
Ketamine	4.050	5686428	288110.19	33.1	1540.07	280888	864.1381 ng/ml
Lamotrigine	4.294	304076	34215.56	90.8	53386.18	604340	843.0401 ng/ml
Lorazepam	5.750	624632	22194.86	54.9	6856.23	45598	988.6486 ng/ml
MDA	3.198	5006852	92683.69	26.1	622.37	174301	685.8449 ng/ml *
MDMA	3.305	6240922	3372.47	89.8	4310.45	57738	1002.6592 ng/ml
Meprobamate	4.901	949291	69683.14	28.1	3986.20	111927	540.7402 ng/ml *
Methadone	5.669	11848882	394481.83	52.7	115798.63	395529	1037.5700 ng/ml
Methamphetamine	3.232	11517648	70171.25	36.9	49069.68	796632	734.2254 ng/ml *
Metoprolol	4.334	1313183	259263.55	102.7	120499.69	711353	804.8281 ng/ml
Mirtazapine	4.634	13926212	434950.25	52.4	346571.22	356964	1025.0190 ng/ml
Mitragynine	5.236	1833872	685758.08	36.1	680652.61	395529	841.3149 ng/ml
Morphine	1.261	480424	822.48	27.4	394.03	7055	935.2884 ng/ml
Norbuprenorphine	5.004	33568	148.03	96.4	889.36	15434	97.7969 ng/ml
Nordiazepam	5.904	1662107	10644.46	56.6	14696.20	52167	981.6610 ng/ml
Norfentanyl	4.098	1086889	269682.41	36.7	608.14	267231	130.0644 ng/ml *
Norhydrocodone	3.081	421665	203.92	42.3	119.72	25450	1327.2412 ng/ml *
Noroxycodone	2.924	1699858	6207.72	48.6	4260.47	46750	1022.1303 ng/ml
O-desmethyl-tramadol	3.379	16760600	170654.34	5.8	22755.62	804504	1056.7985 ng/ml
o-desmethylvenlafaxine	4.083	19671961	540798.72	14.6	12781.97	119464	1114.3632 ng/ml
Olanzapine	4.475	5265875	22656.50	59.6	84529.13	122372	1016.7897 ng/ml
Oxazepam	5.753	859147	13936.31	76.1	3639.41	45598	967.4725 ng/ml
Oxycodone	2.835	4674786	477.16	30.5	483.18	245914	751.2372 ng/ml *
Oxymorphone	1.411	2268687	∞	47.3	∞	74316	912.7656 ng/ml
Phentermine	3.787	3038020	∞	5.0	1726.48	562758	712.3057 ng/ml *
Promethazine	5.547	13559601	319178.86	30.0	846.90	518862	1097.3491 ng/ml
Pseudoephedrine	2.603	15058014	116813.00	16.1	78778.93	604340	1091.0429 ng/ml
Quetiapine	5.570	6149737	210310.66	60.7	3322.70	103904	866.0110 ng/ml
Sertraline	5.792	1417844	1544720.45	94.3	25297.17	55495	1000.1820 ng/ml
Temazepam	5.827	2349106	19371.73	28.5	9721.53	115709	969.5949 ng/ml
Tramadol	4.246	12857743	1334.04	3.7	380.35	711353	862.6125 ng/ml
Trazodone	5.161	9524960	150112.86	71.8	563.08	302046	955.9591 ng/ml
Venlafaxine	5.049	14443106	5203.88	31.9	3701.84	694013	1048.2591 ng/ml
Zolpidem	4.918	12223113	3277.16	26.8	244046.22	654357	833.5309 ng/ml

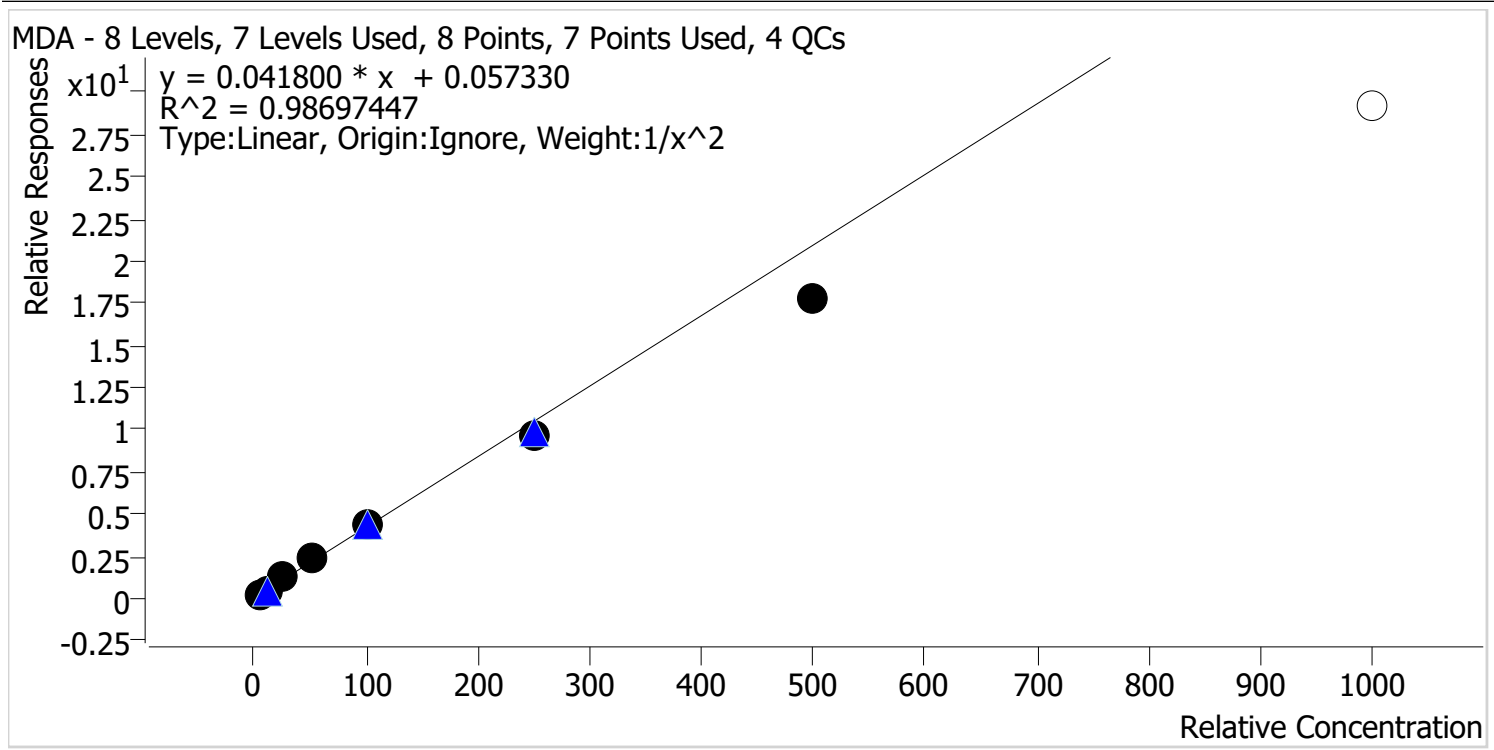
*Outside curve range.

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



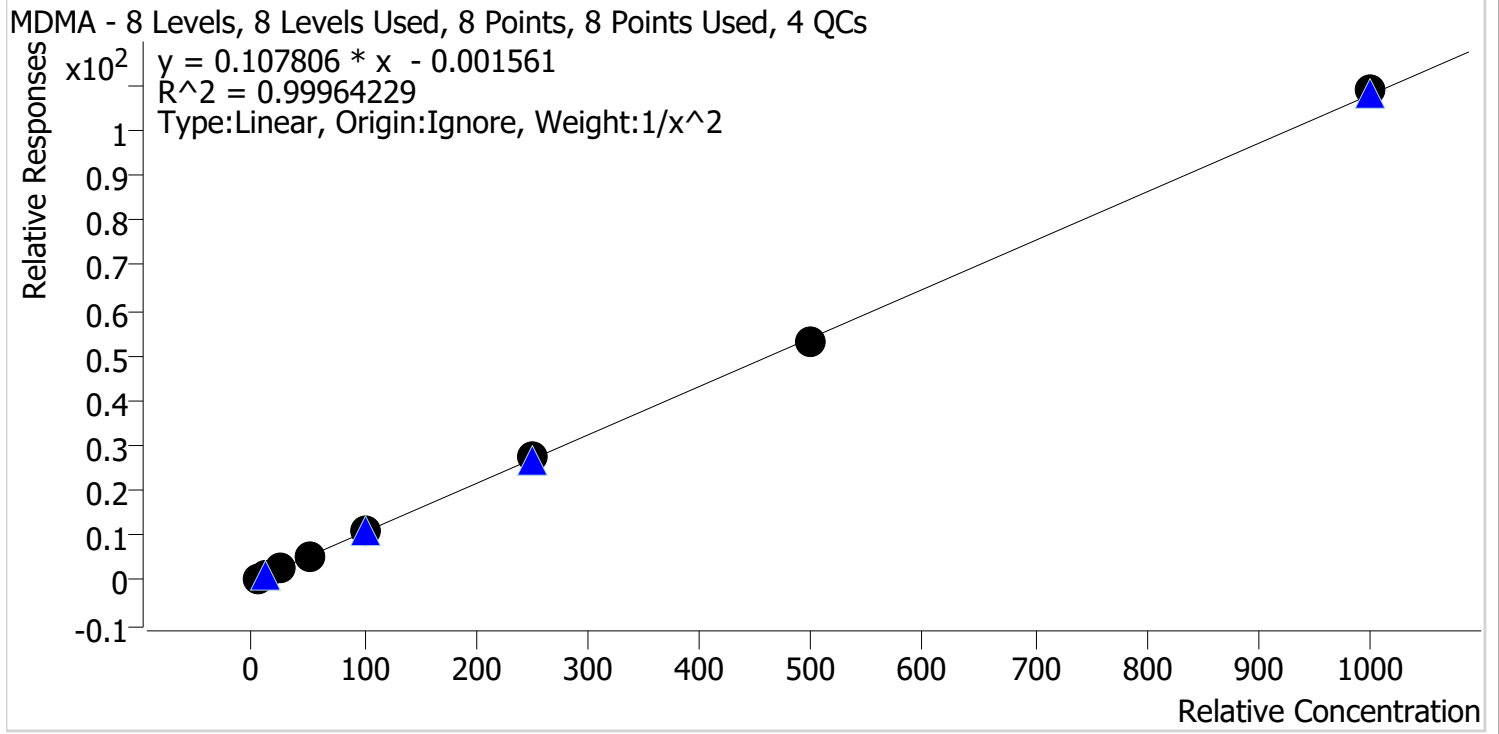
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.7
p1 Cal 4-50ng	4	✓	50.0	54.7	109.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	231.8	92.7
p1 Cal 7-500ng	7	✓	500.0	422.8	84.6
p1 Cal 8-1000ng	8	x	1000.0	696.7	69.7

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



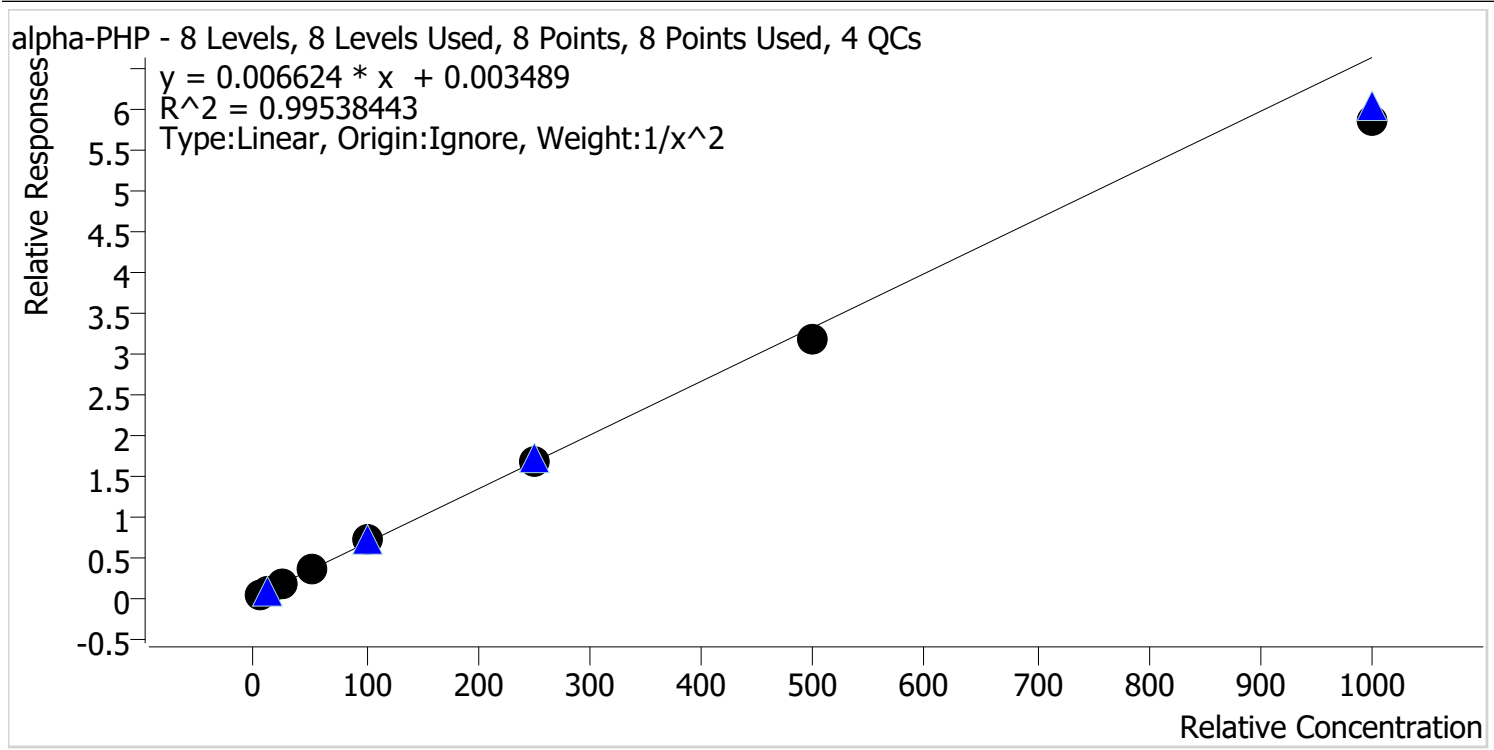
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	489.2	97.8
p1 Cal 8-1000ng	8	✓	1000.0	1009.4	100.9

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



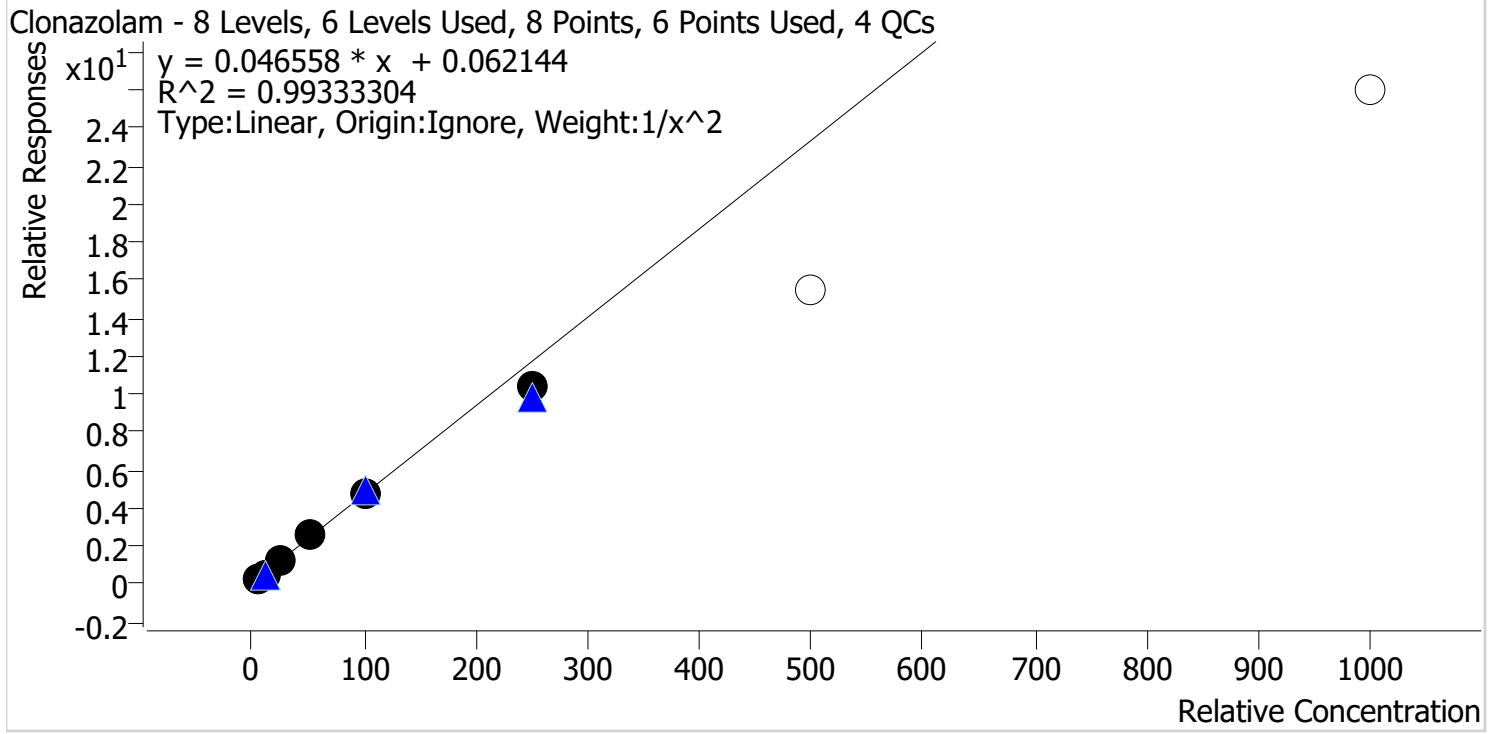
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	479.4	95.9
p1 Cal 8-1000ng	8	✓	1000.0	885.3	88.5

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	220.7	88.3
p1 Cal 7-500ng	7	✗	500.0	331.4	66.3
p1 Cal 8-1000ng	8	✗	1000.0	556.5	55.6

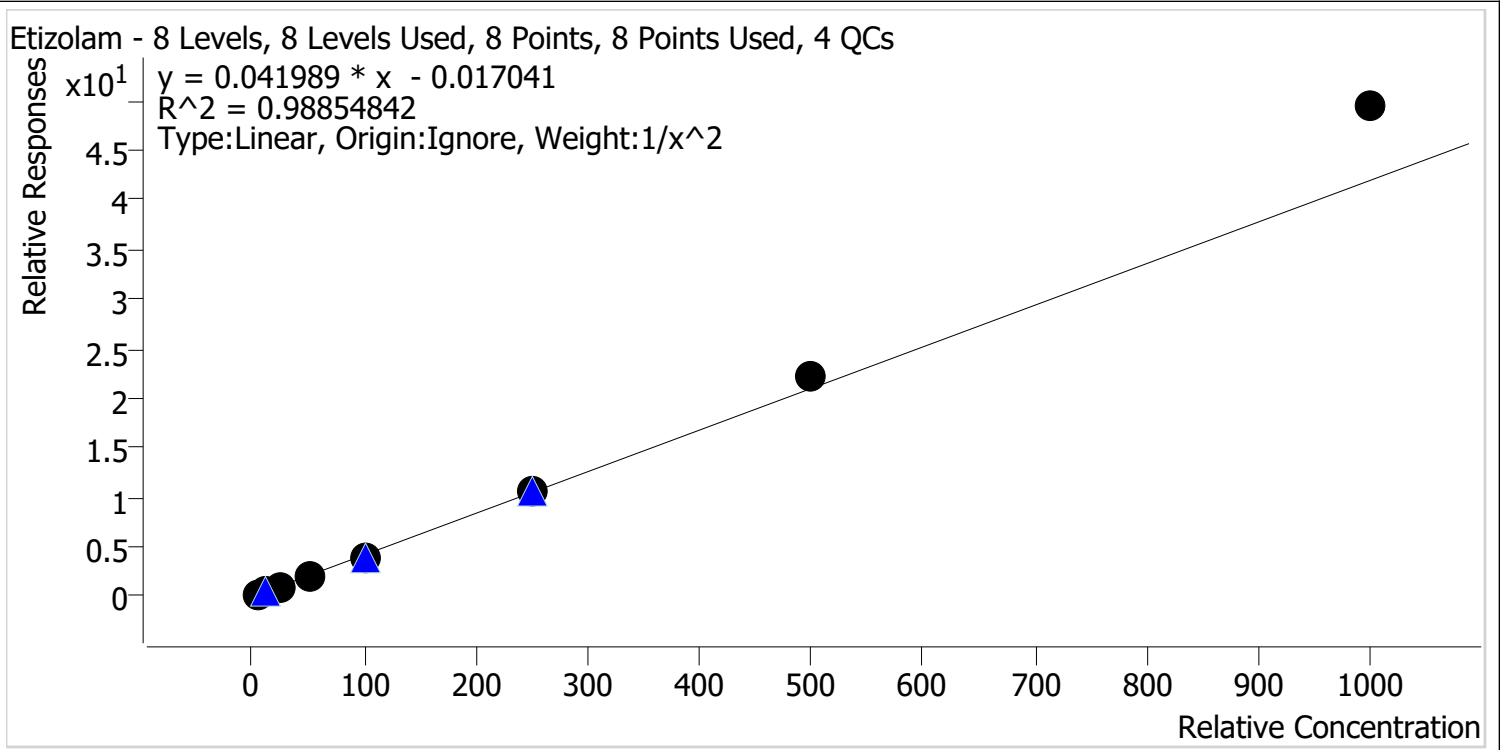
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	22.3	89.1
p1 Cal 4-50ng	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	528.7	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1178.1	117.8

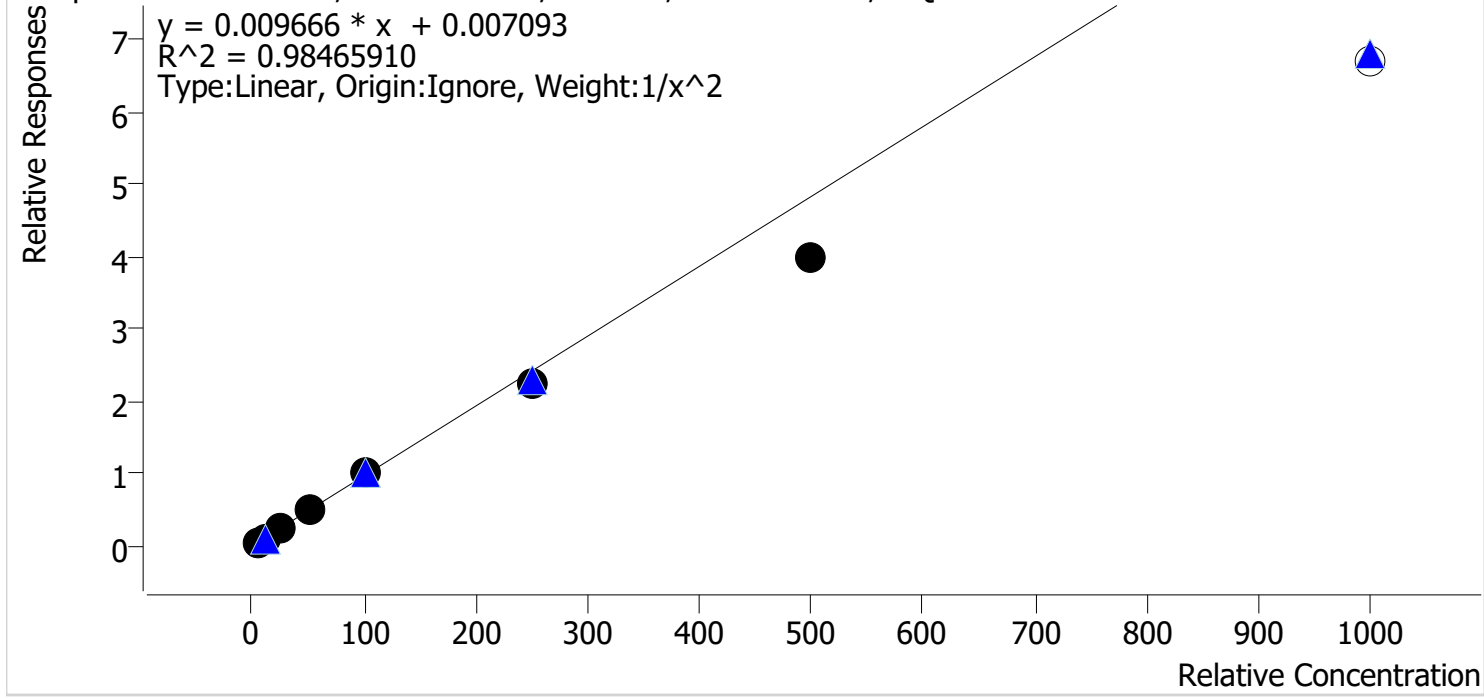
TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.9
p1 Cal 2-10ng	2	✓	10.0	11.2	111.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	233.8	93.5
p1 Cal 7-500ng	7	✓	500.0	415.0	83.0
p1 Cal 8-1000ng	8	x	1000.0	691.7	69.2

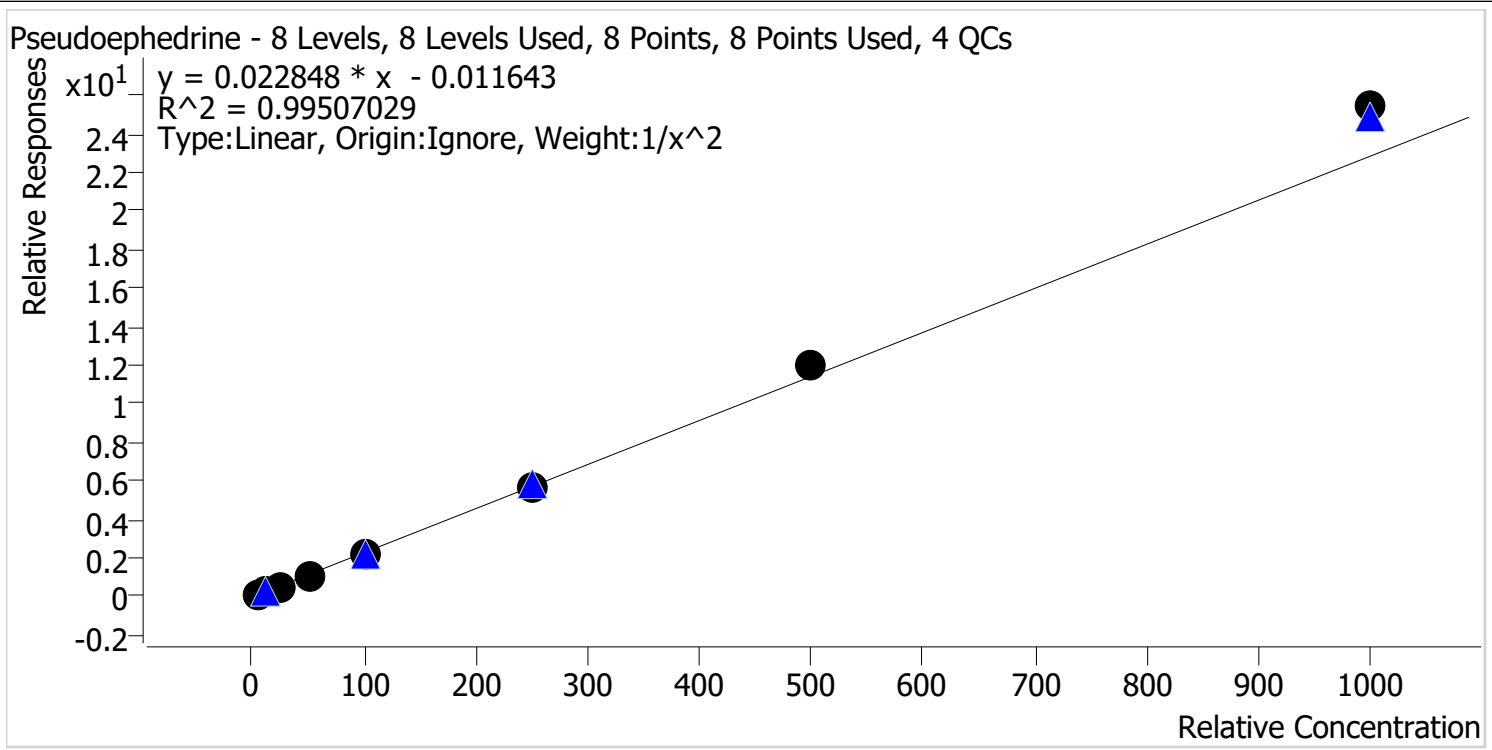
Calibrator 8 dropped due to not meeting accuracy requirement.

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



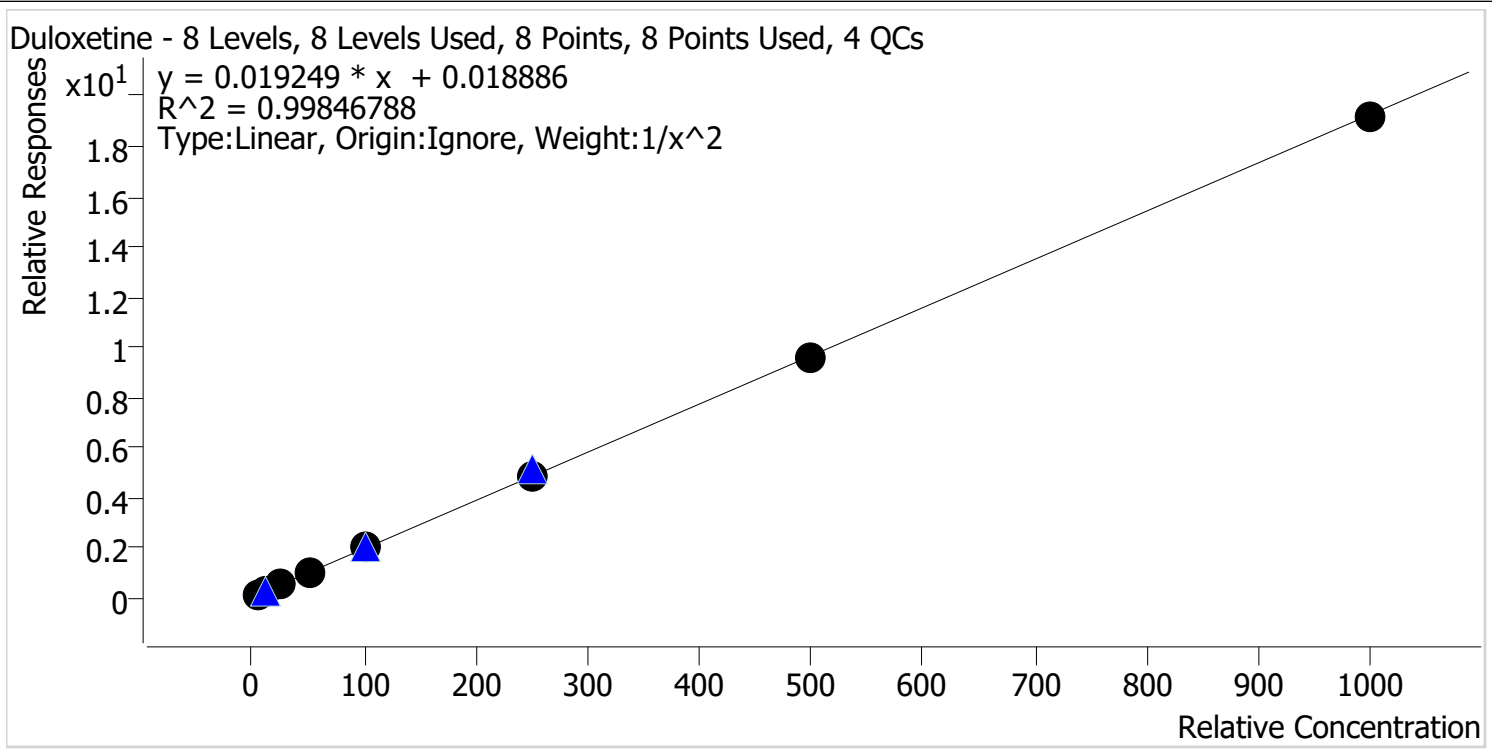
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1113.4	111.3

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



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	9.3	93.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	499.2	99.8
p1 Cal 8-1000ng	8	✓	1000.0	991.9	99.2

TS CS



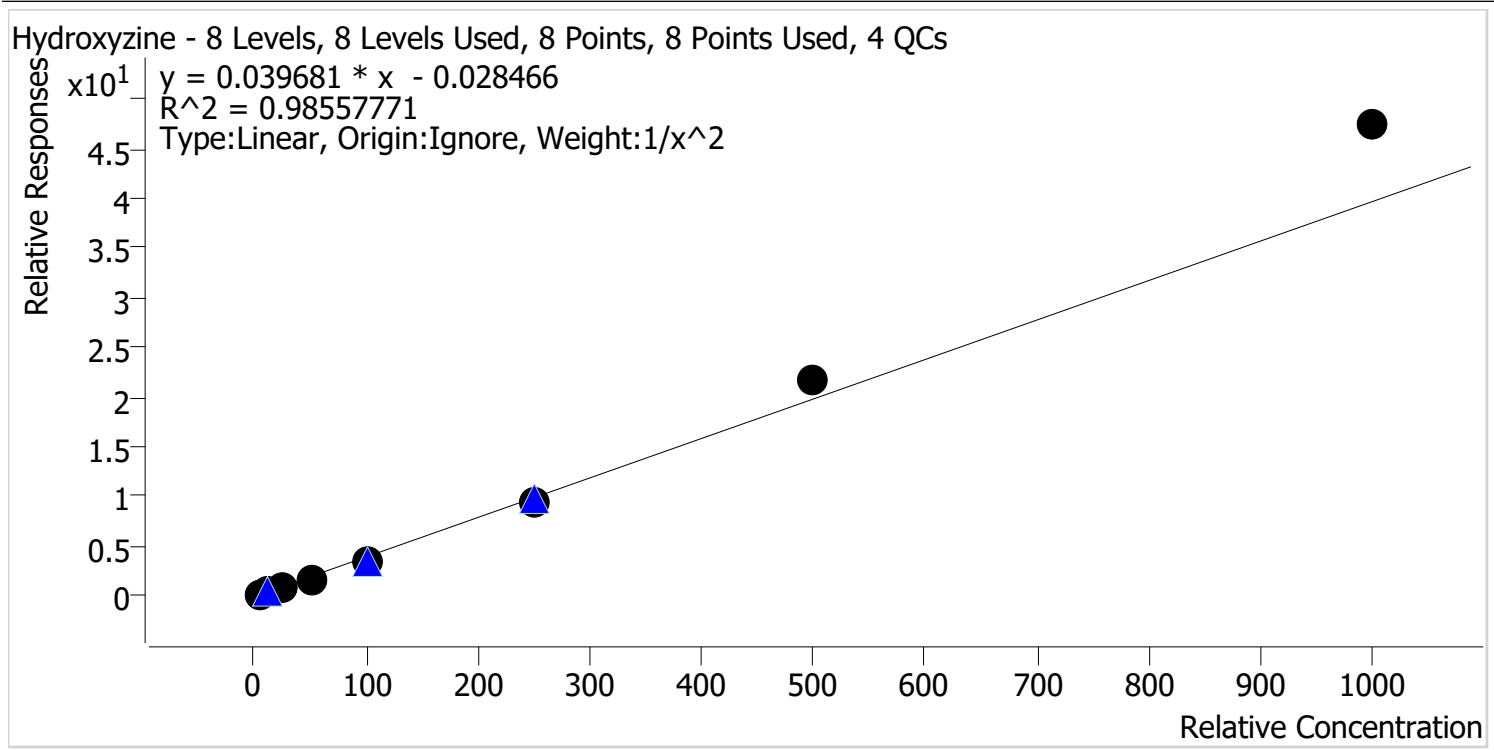
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



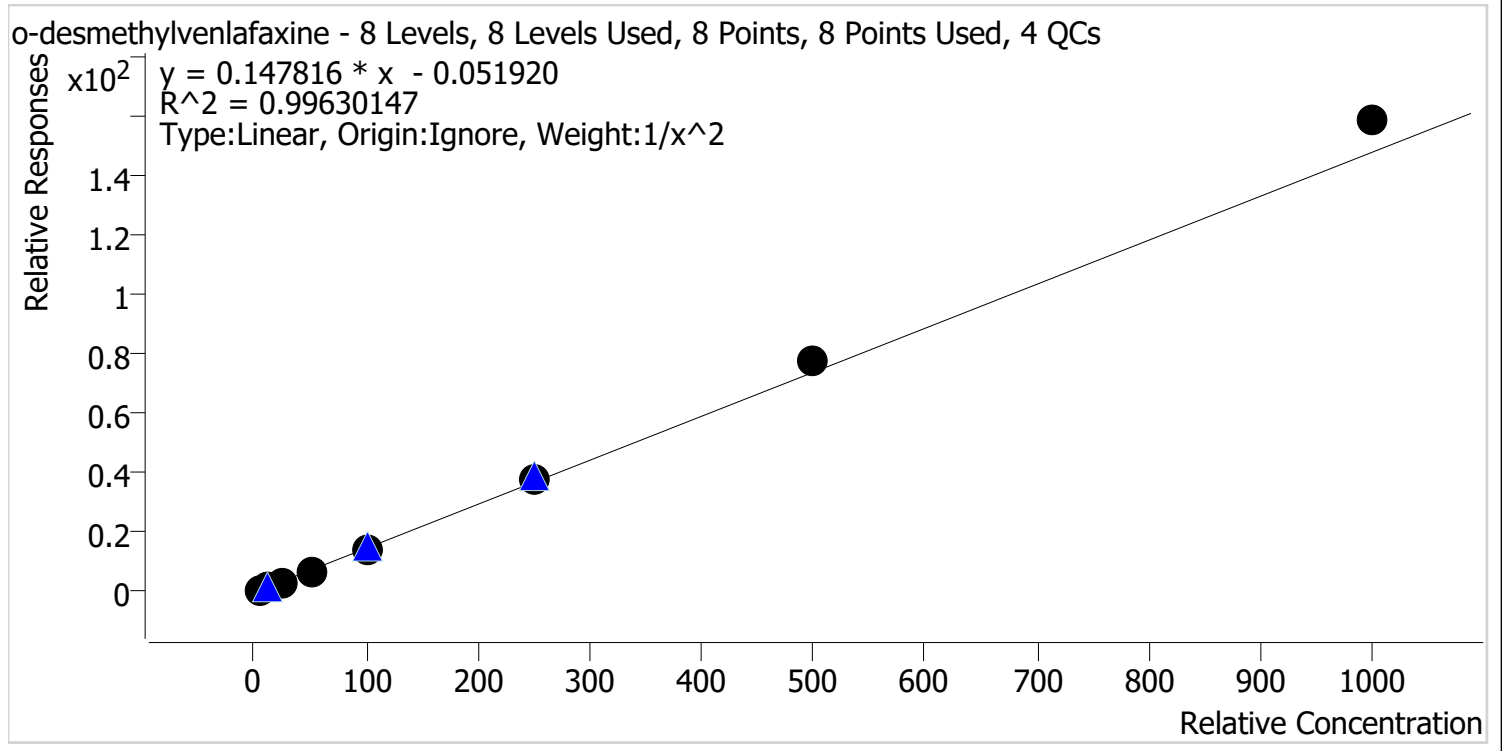
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.8
p1 Cal 4-50ng	4	✓	50.0	44.0	88.0
p1 Cal 5-100ng	5	✓	100.0	91.1	91.1
p1 Cal 6-250ng	6	✓	250.0	237.9	95.1
p1 Cal 7-500ng	7	✓	500.0	549.9	110.0
p1 Cal 8-1000ng	8	✓	1000.0	1194.0	119.4

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



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	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	527.8	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1077.1	107.7



TS CS

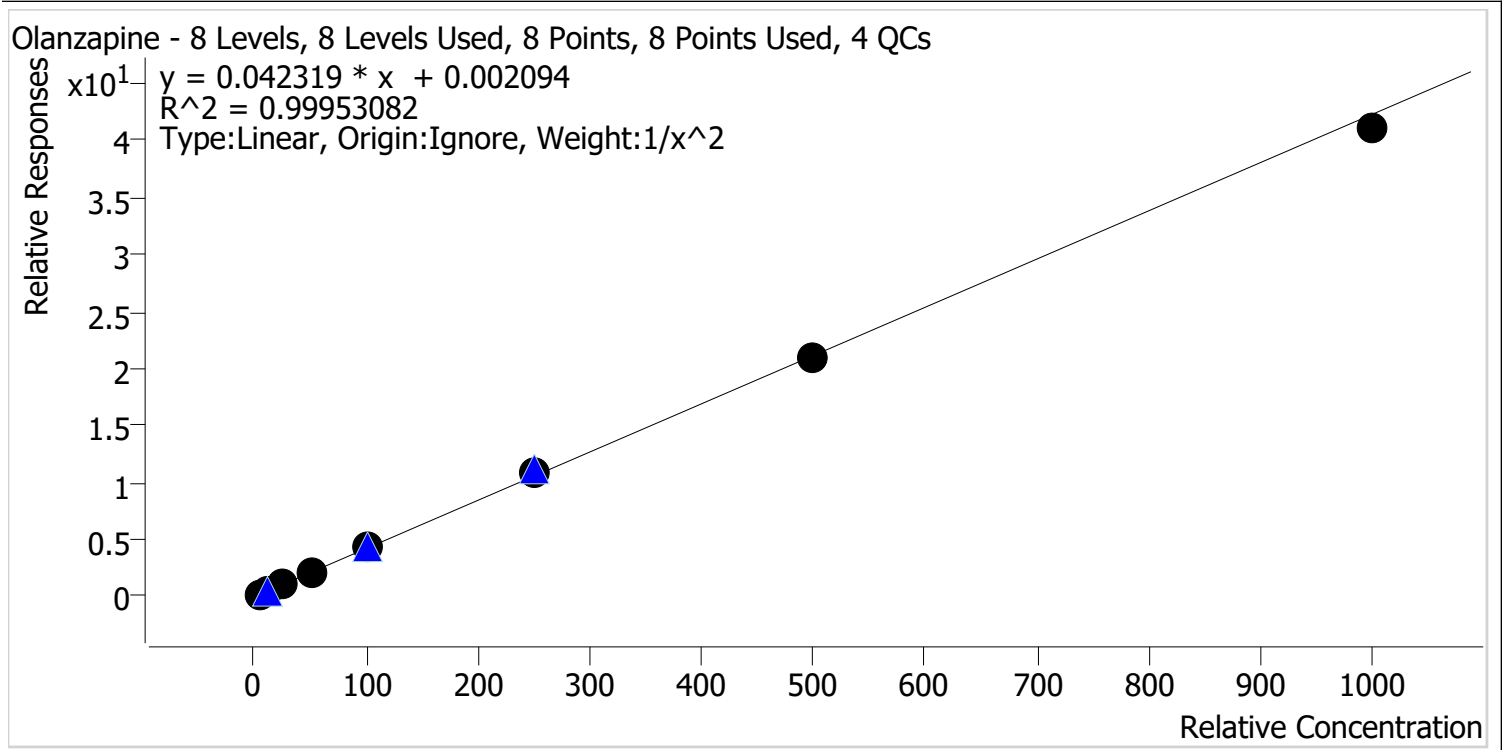
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Olanzapine **Internal Standard** Olanzapine-D8



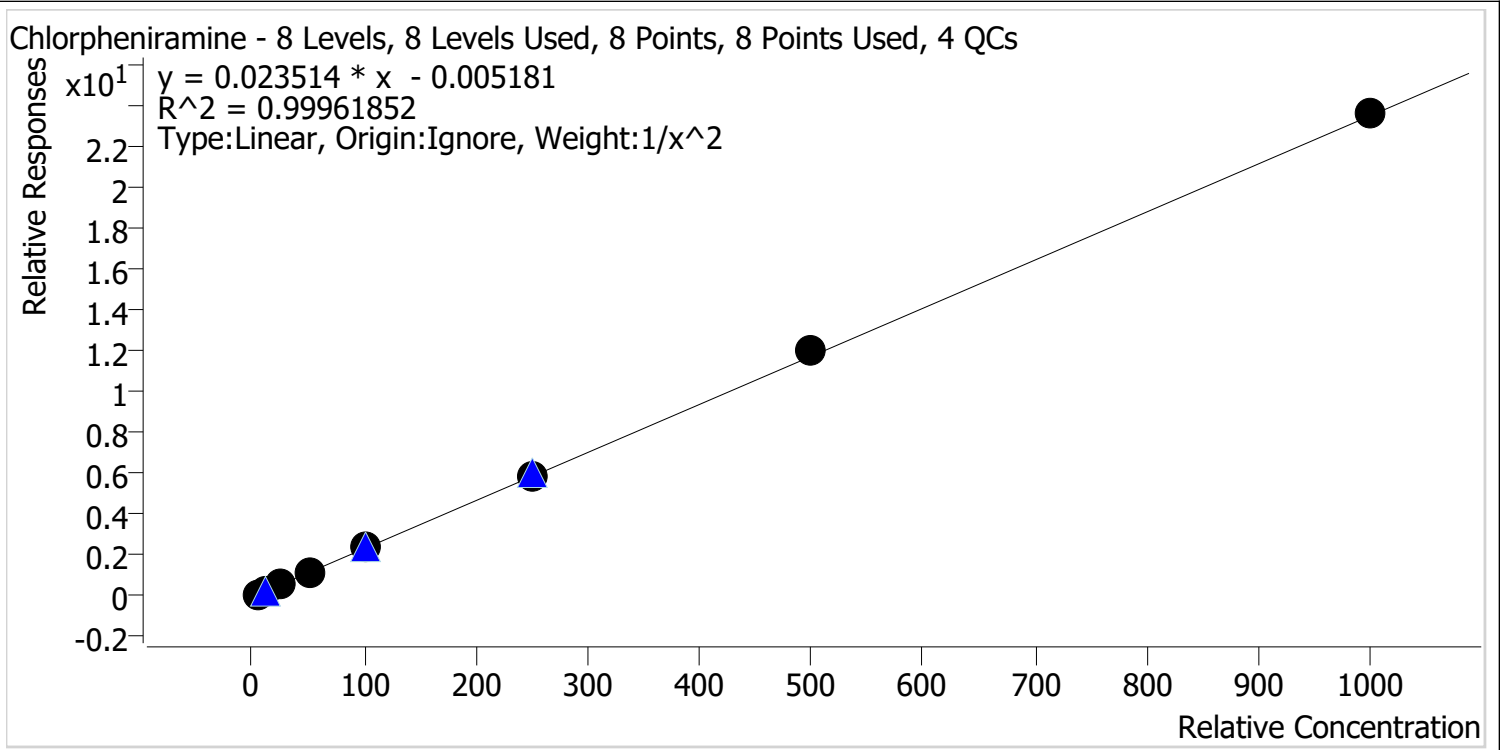
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	975.5	97.6

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6



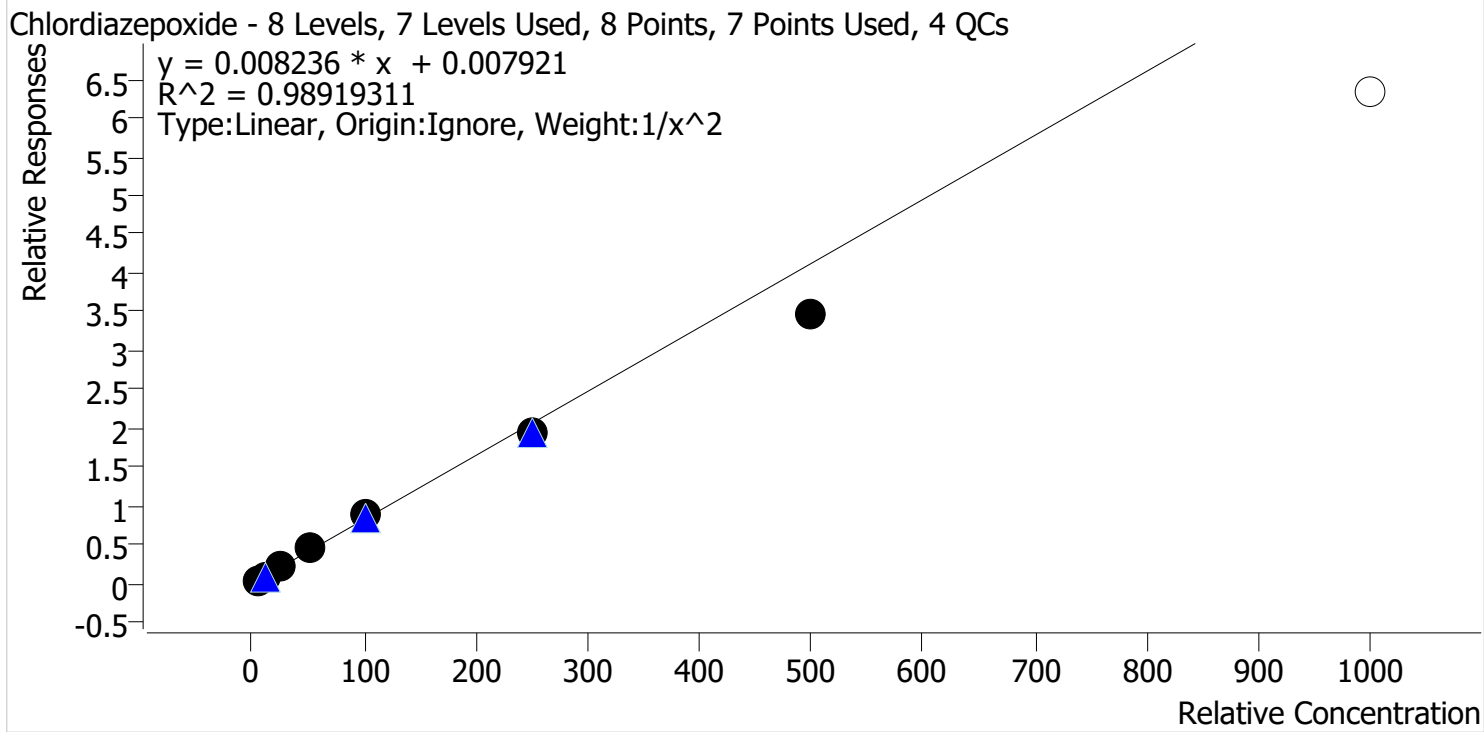
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1006.8	100.7



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	236.9	94.8
p1 Cal 7-500ng	7	✓	500.0	422.8	84.6
p1 Cal 8-1000ng	8	x	1000.0	767.4	76.7

~~Calibrator 8 dropped due to not meeting accuracy requirement.~~ 9/1/22 CS TS

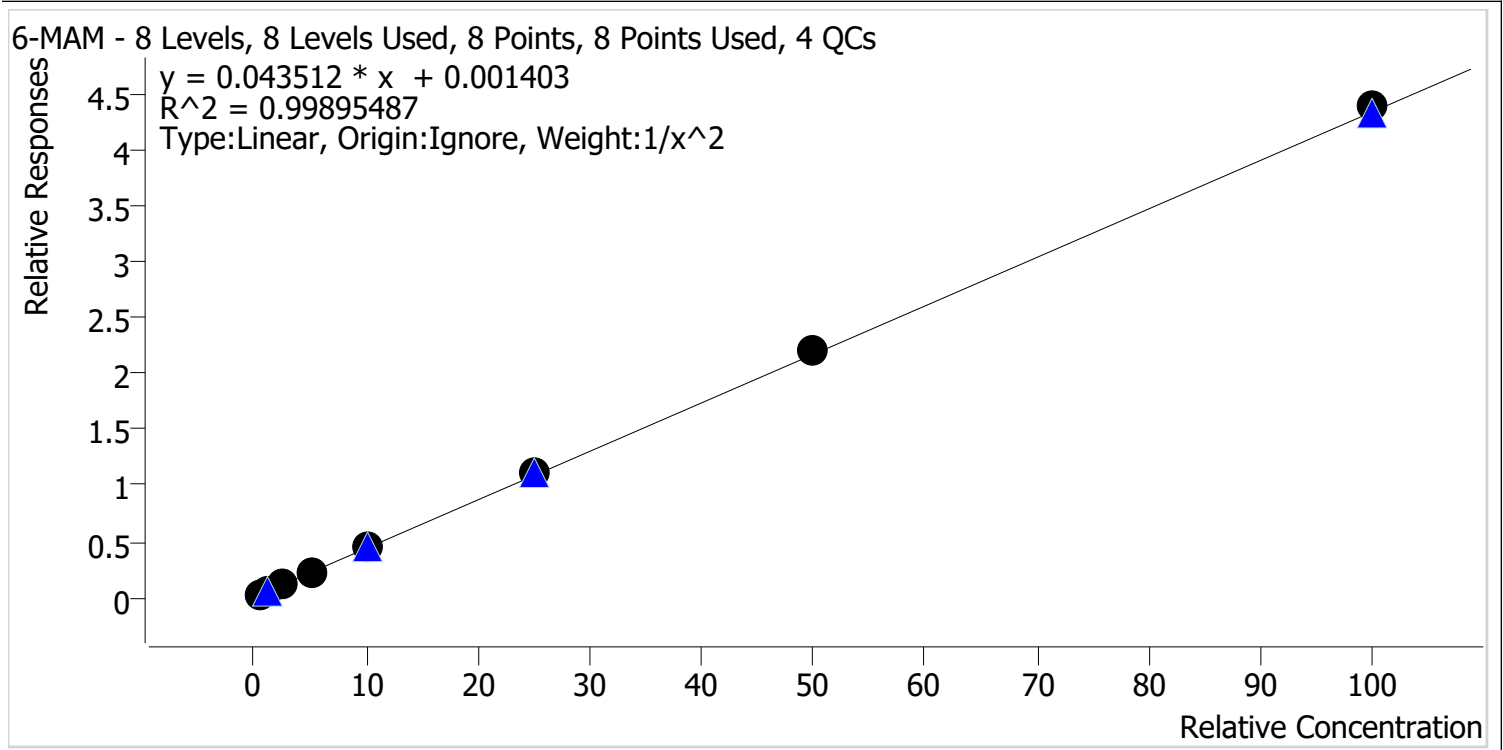
Compound not evaluated.

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



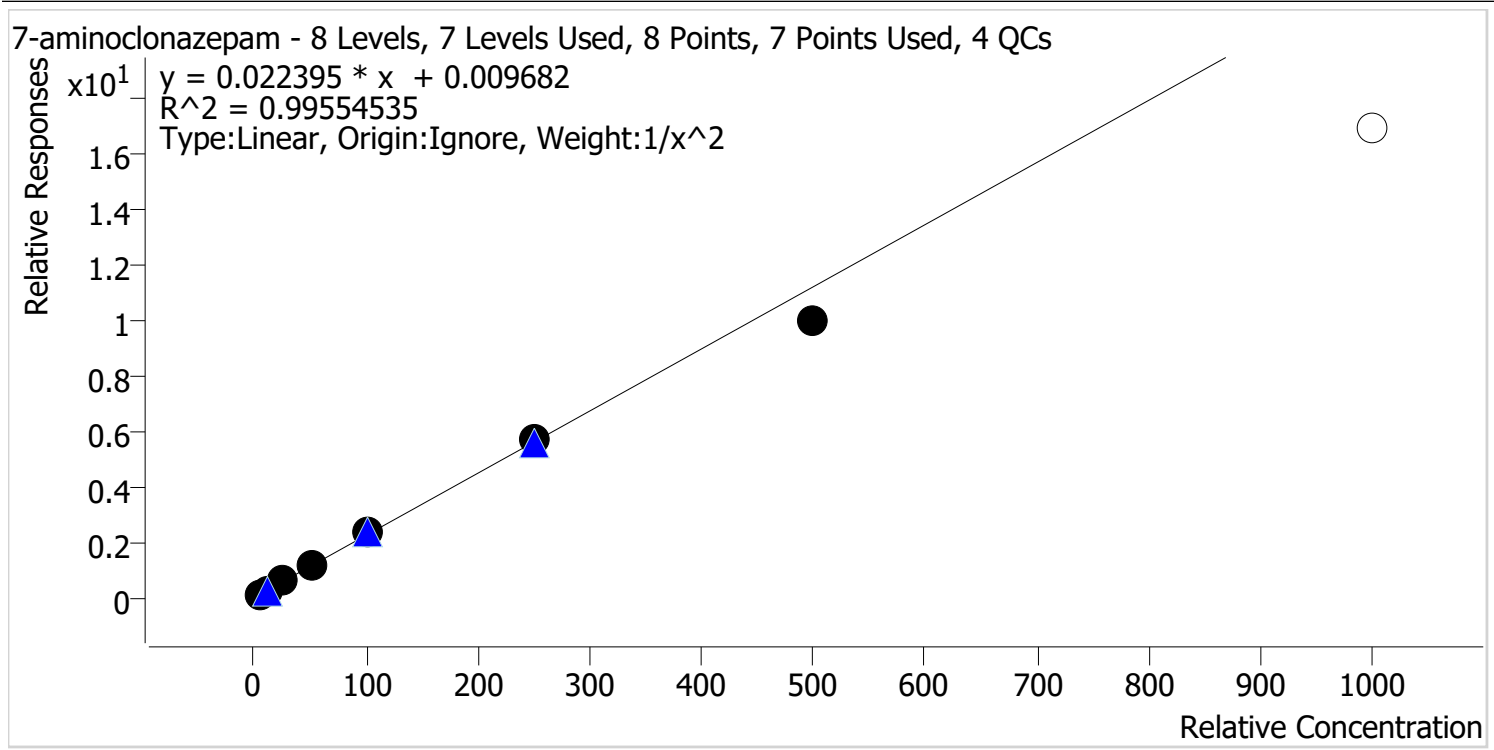
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.5
p1 Cal 4-50ng	4	✓	5.0	4.8	95.7
p1 Cal 5-100ng	5	✓	10.0	10.0	100.0
p1 Cal 6-250ng	6	✓	25.0	26.0	103.8
p1 Cal 7-500ng	7	✓	50.0	50.9	101.8
p1 Cal 8-1000ng	8	✓	100.0	101.2	101.2

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	442.7	88.5
p1 Cal 8-1000ng	8	x	1000.0	755.3	75.5

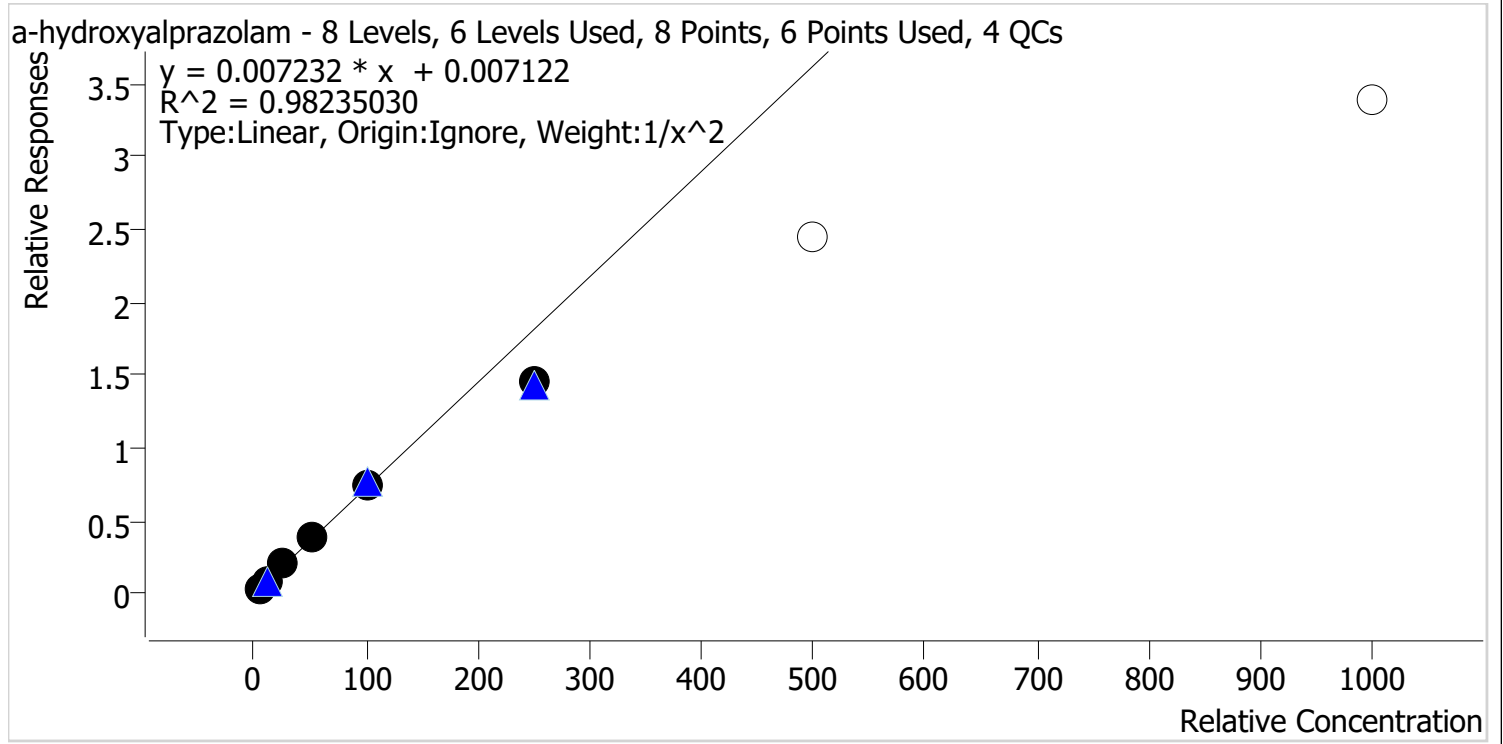
Calibrator 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	200.8	80.3
p1 Cal 7-500ng	7	✗	500.0	336.3	67.3
p1 Cal 8-1000ng	8	✗	1000.0	467.3	46.7

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.

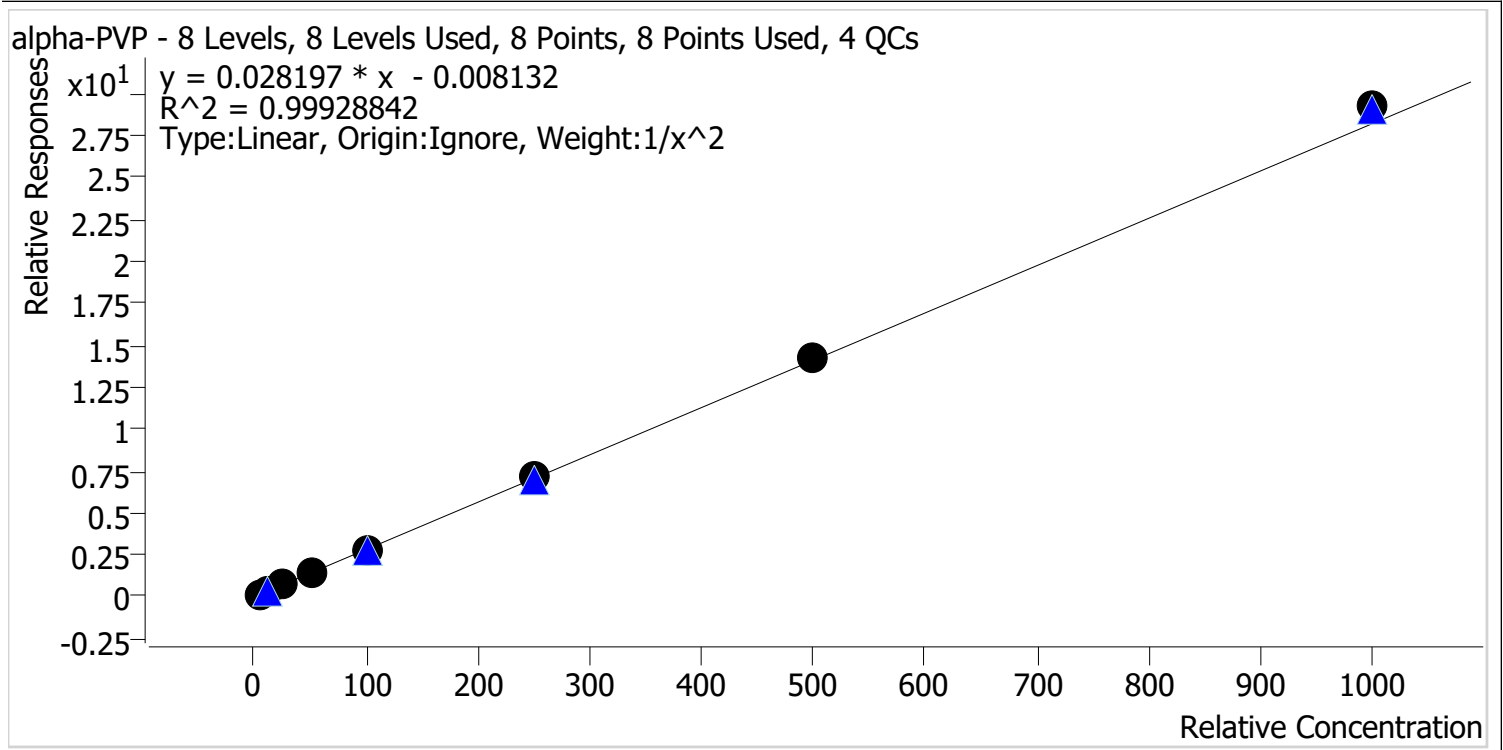
TS

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	253.4	101.3
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1036.9	103.7

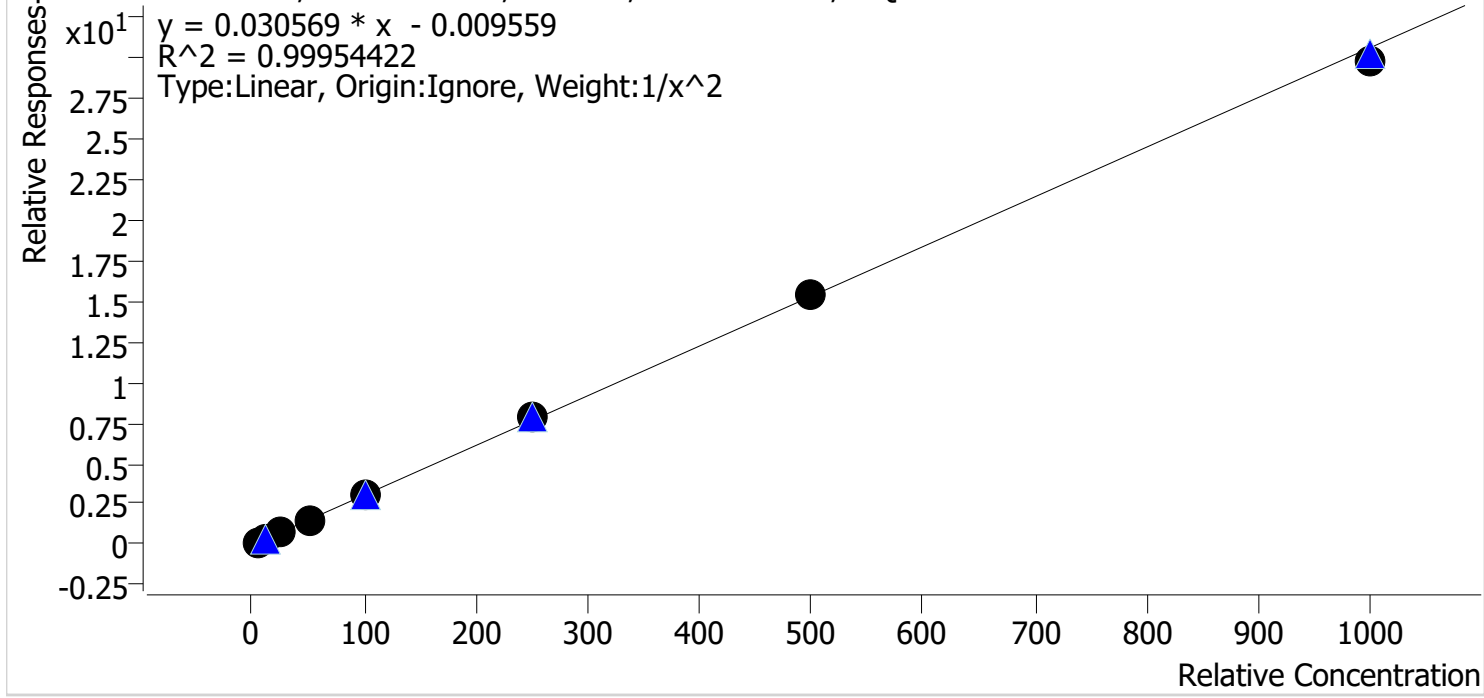


TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

Alprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 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	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	976.8	97.7

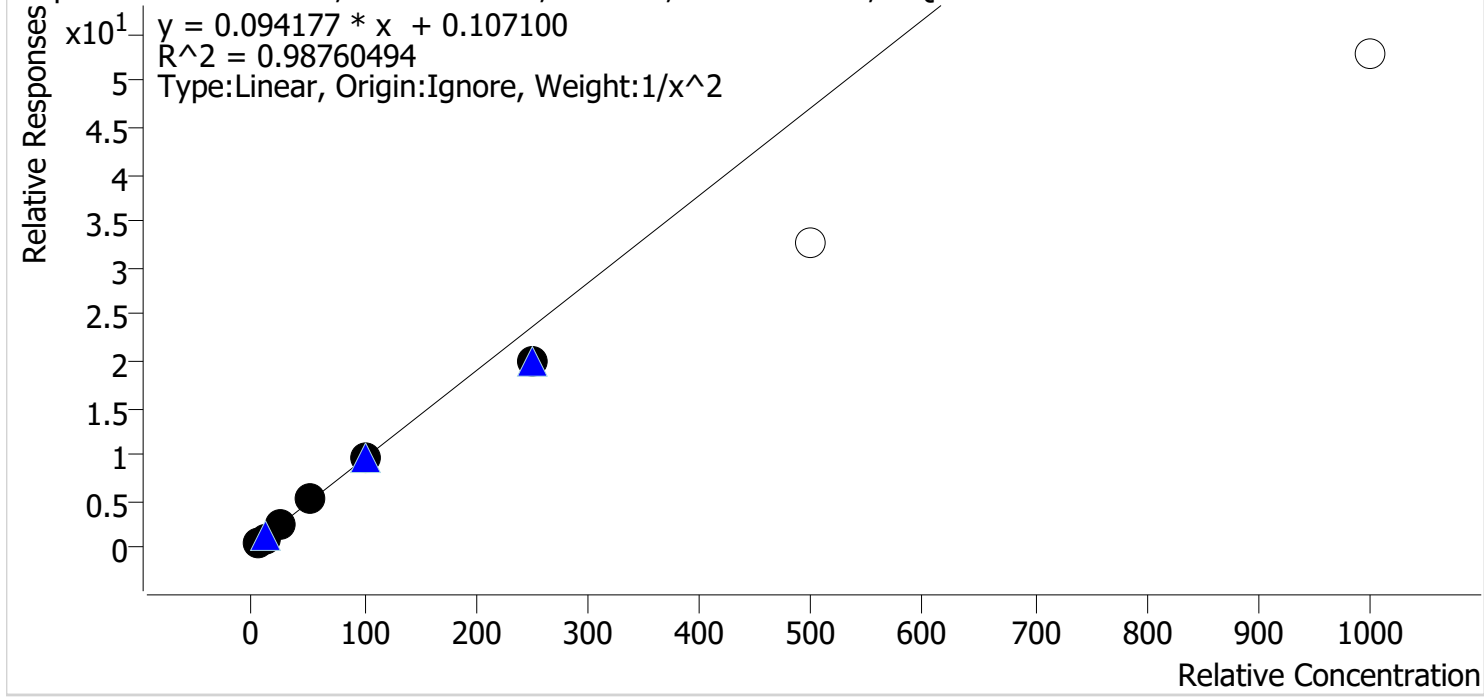


TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	210.6	84.2
p1 Cal 7-500ng	7	✗	500.0	345.5	69.1
p1 Cal 8-1000ng	8	✗	1000.0	559.6	56.0

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

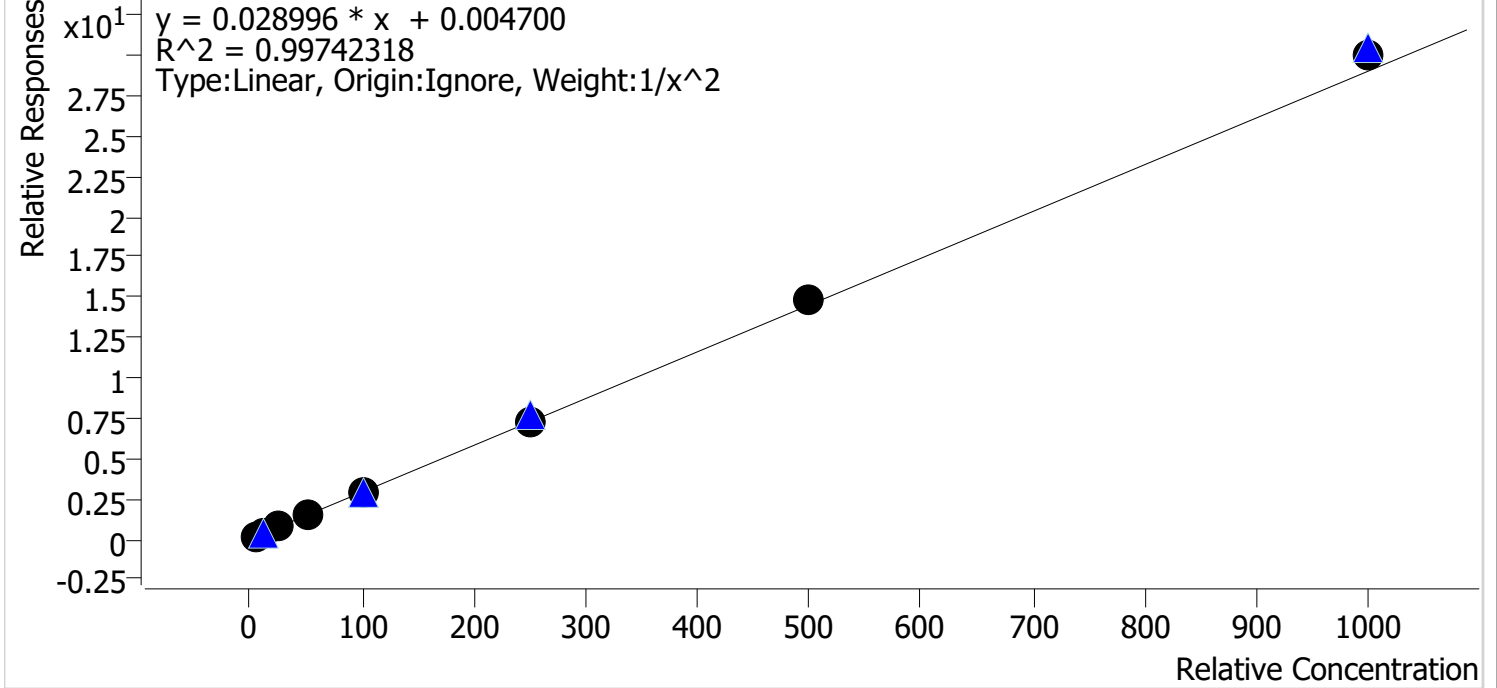
Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Benzoyllecgonine **Internal Standard** Benzoyllecgonine-d8

Benzoyllecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.1	91.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	514.4	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1032.1	103.2

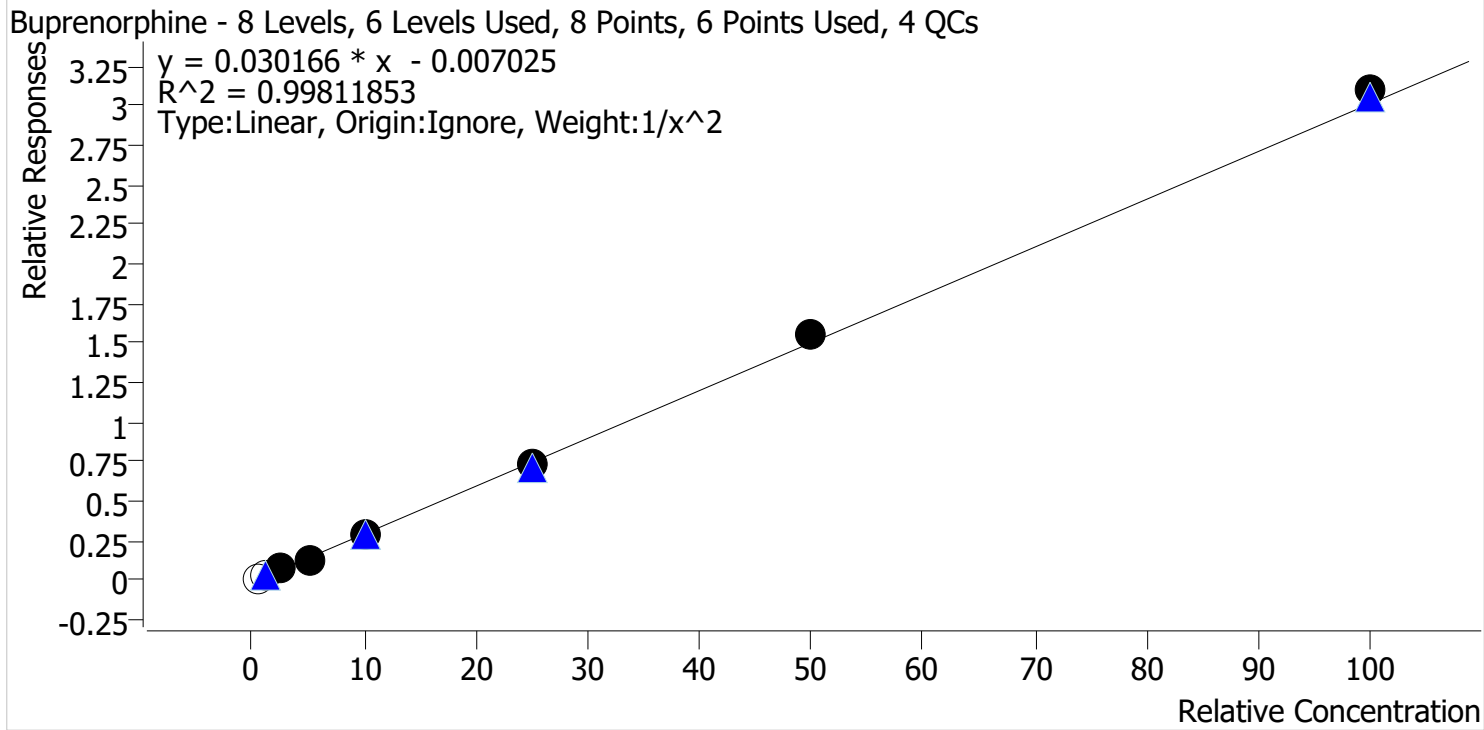
TS

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	143.8
p1 Cal 2-10ng	2	x	1.0	1.2	116.4
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.4
p1 Cal 4-50ng	4	✓	5.0	4.9	97.0
p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
p1 Cal 6-250ng	6	✓	25.0	24.3	97.2
p1 Cal 7-500ng	7	✓	50.0	52.1	104.2
p1 Cal 8-1000ng	8	✓	100.0	102.8	102.8

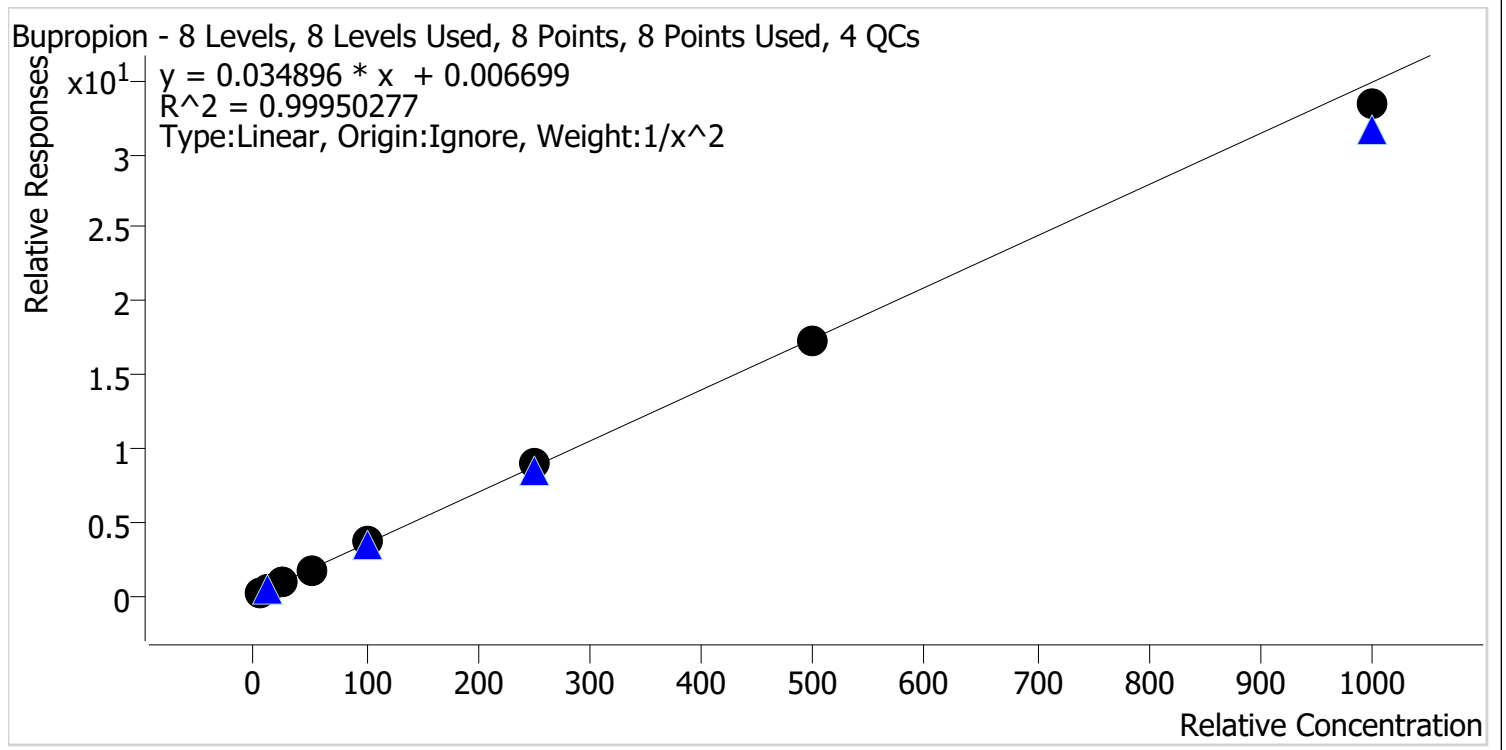
Calibrators 1 and 2 dropped due to not meeting ratio requirements.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



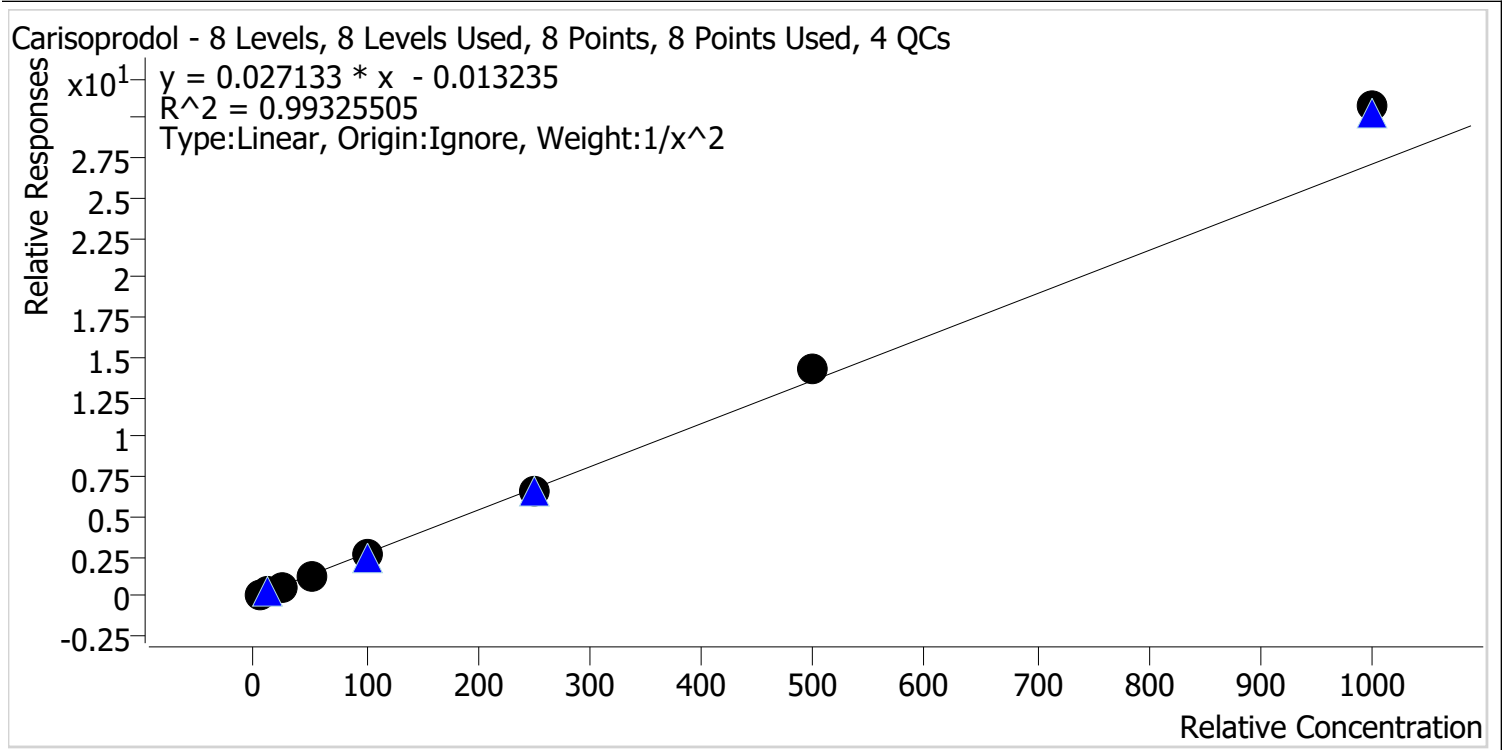
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	253.9	101.5
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	957.0	95.7



TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



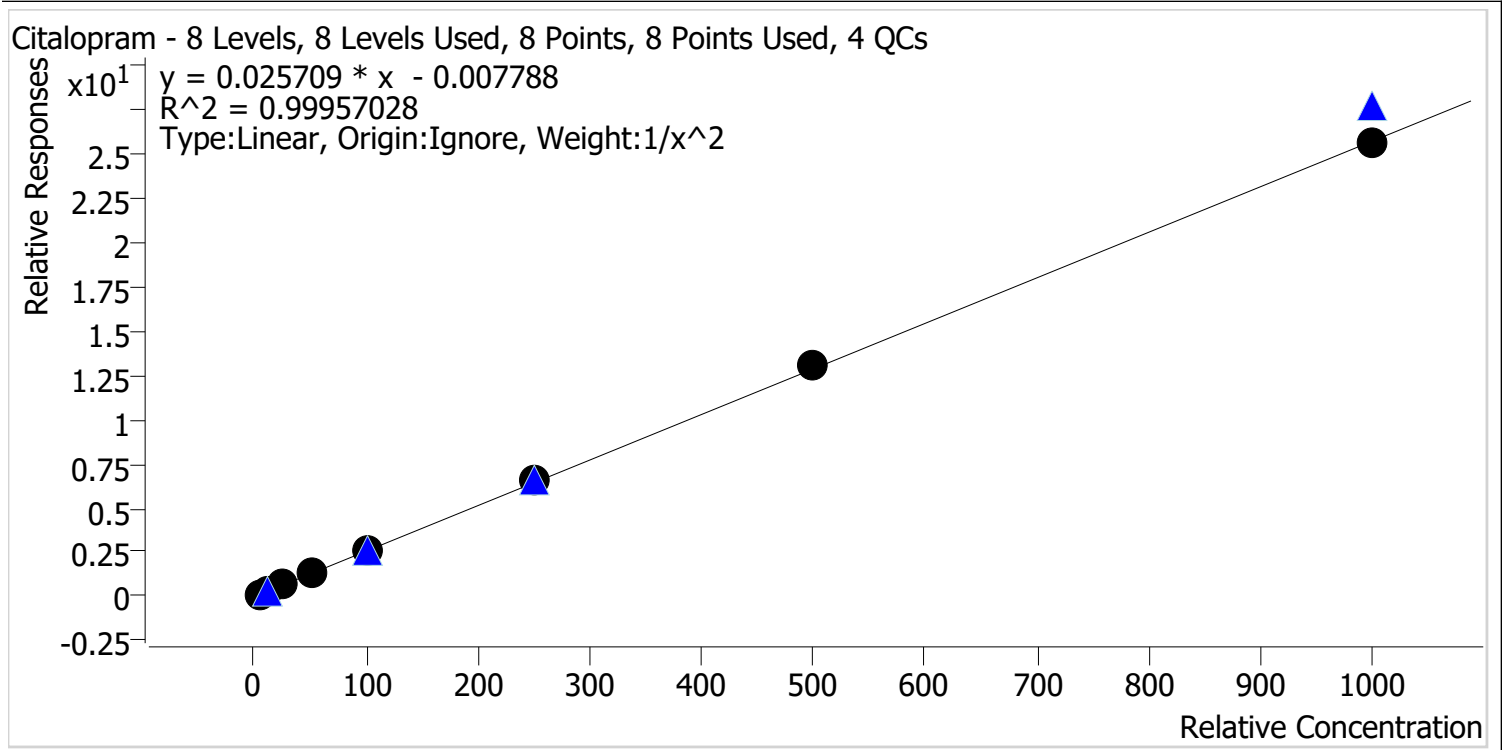
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	247.1	98.9
p1 Cal 7-500ng	7	✓	500.0	529.6	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1133.6	113.4



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng	8	✓	1000.0	994.5	99.5

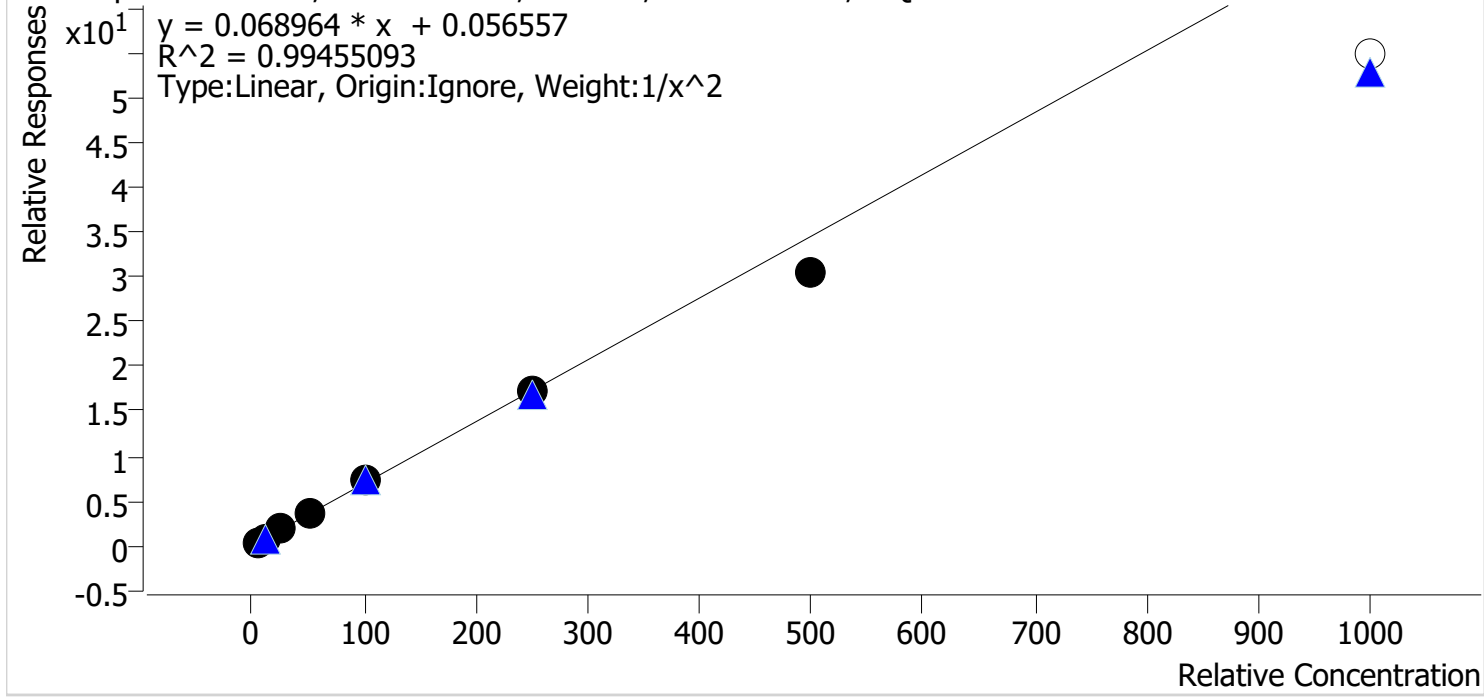


TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



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	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	438.8	87.8
p1 Cal 8-1000ng	8	x	1000.0	794.2	79.4

Calibrator 8 dropped due to not meeting accuracy requirement.

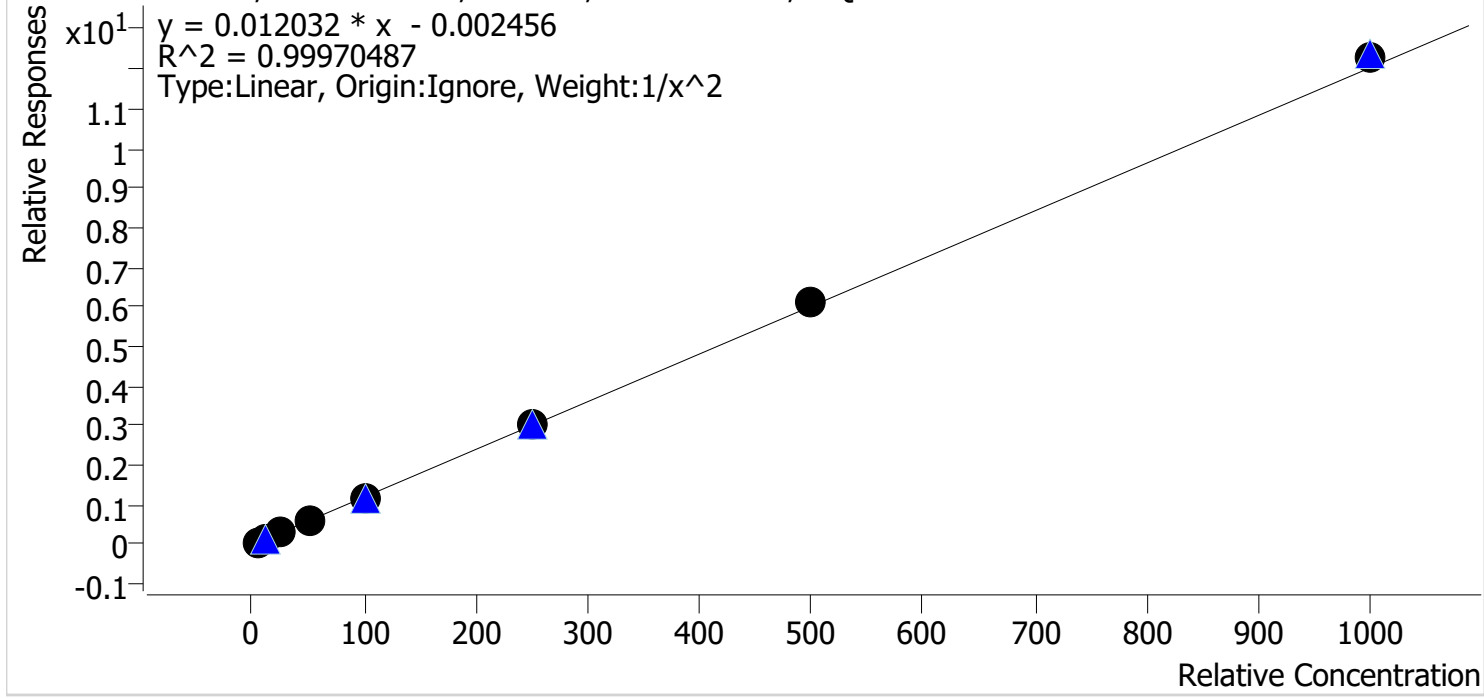


TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



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	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1018.0	101.8



TS

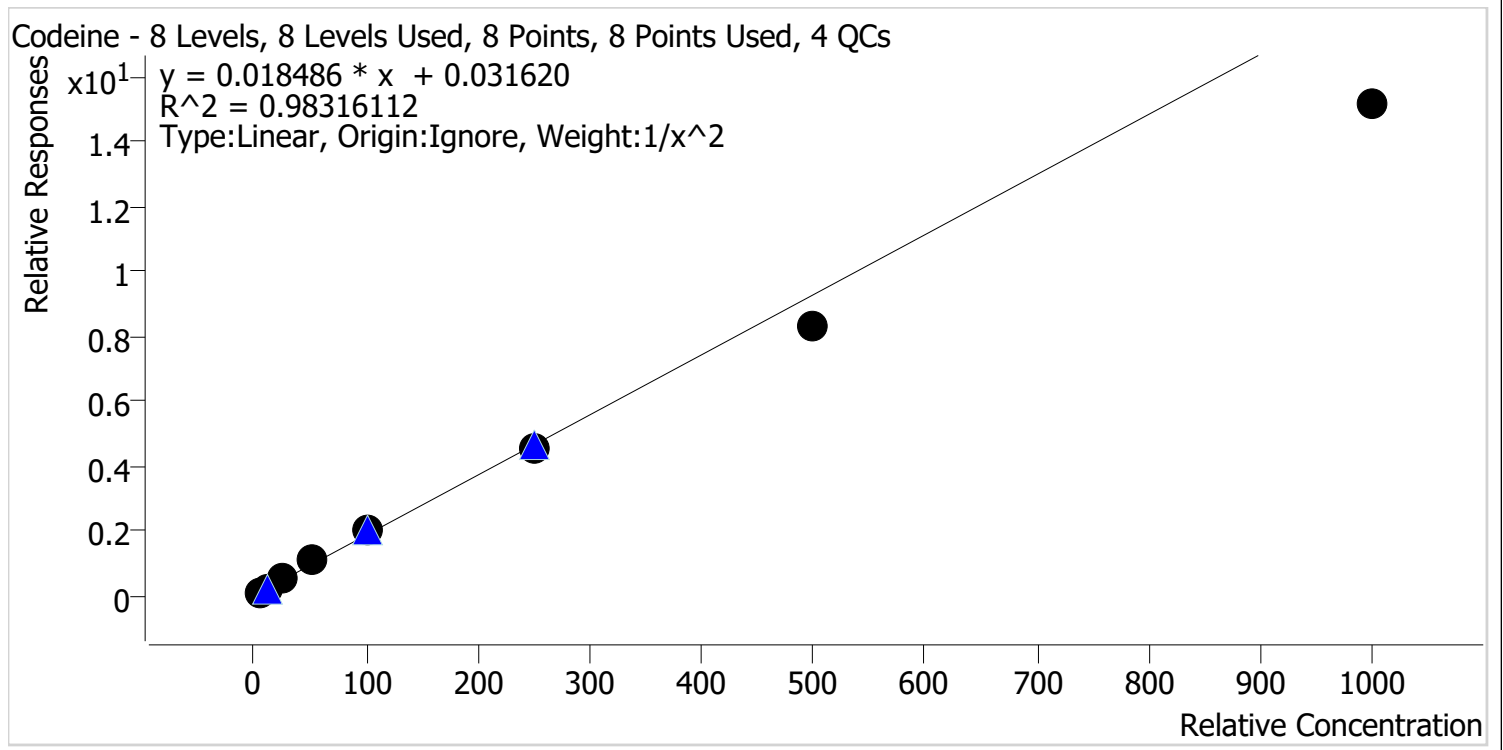
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	28.2	112.7
p1 Cal 4-50ng	4	✓	50.0	56.7	113.3
p1 Cal 5-100ng	5	✓	100.0	108.4	108.4
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	445.8	89.2
p1 Cal 8-1000ng	8	✓	1000.0	817.0	81.7

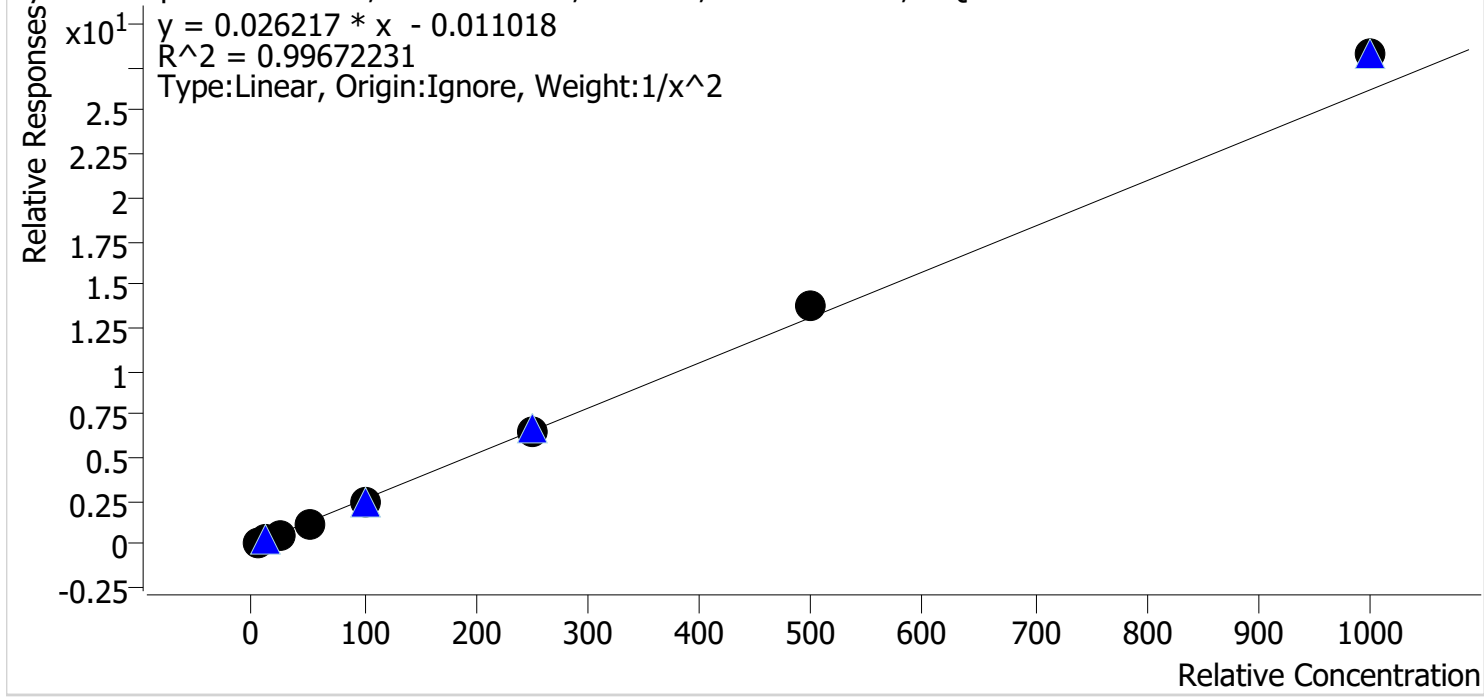


TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



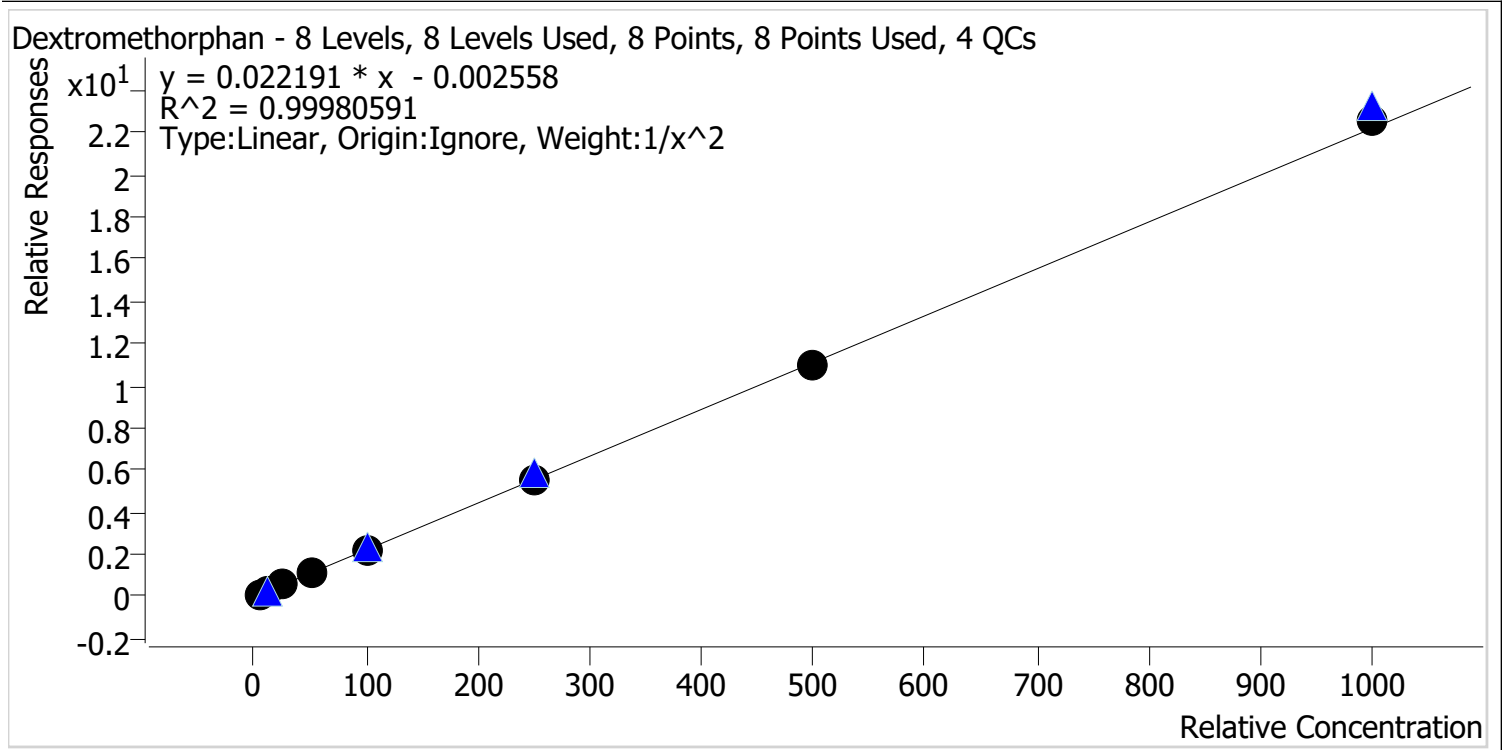
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	527.6	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1076.9	107.7



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



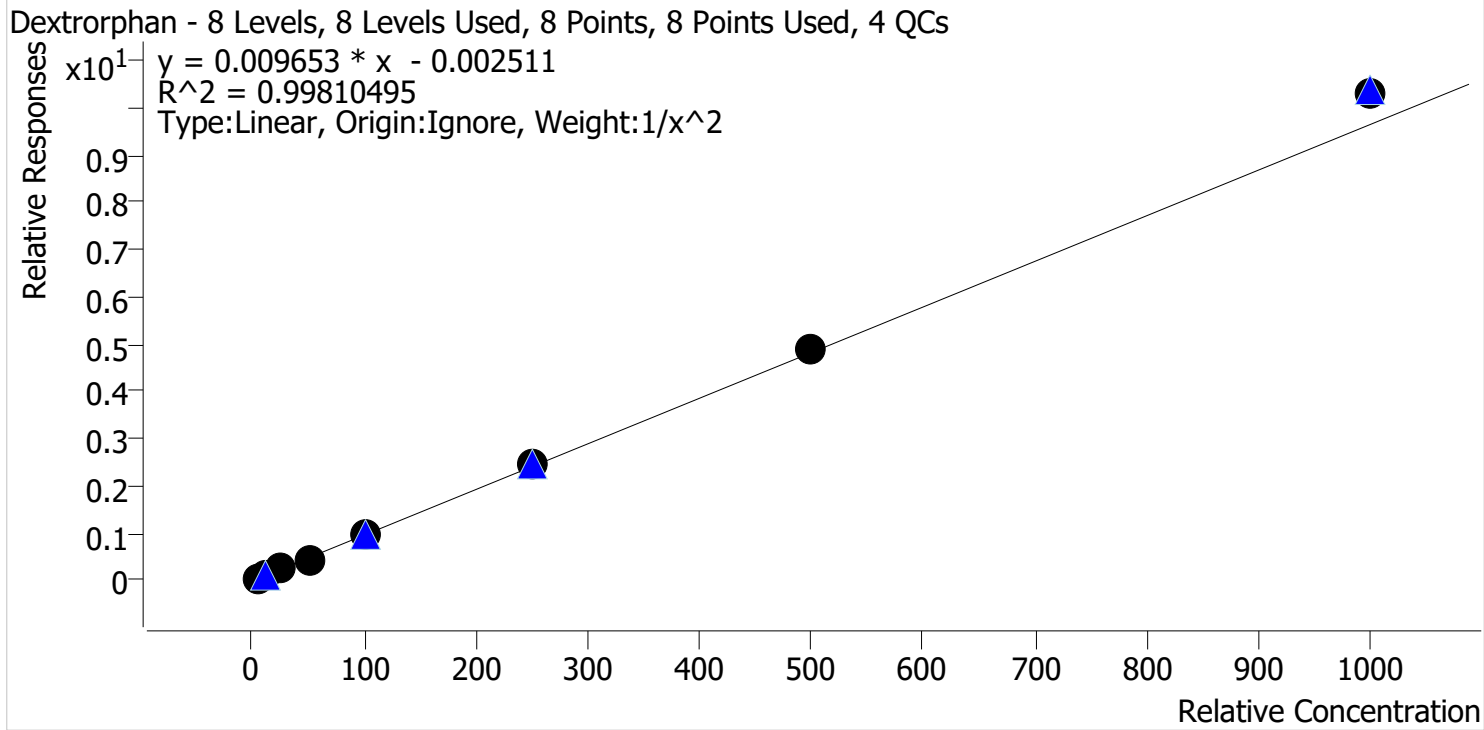
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1015.7	101.6

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



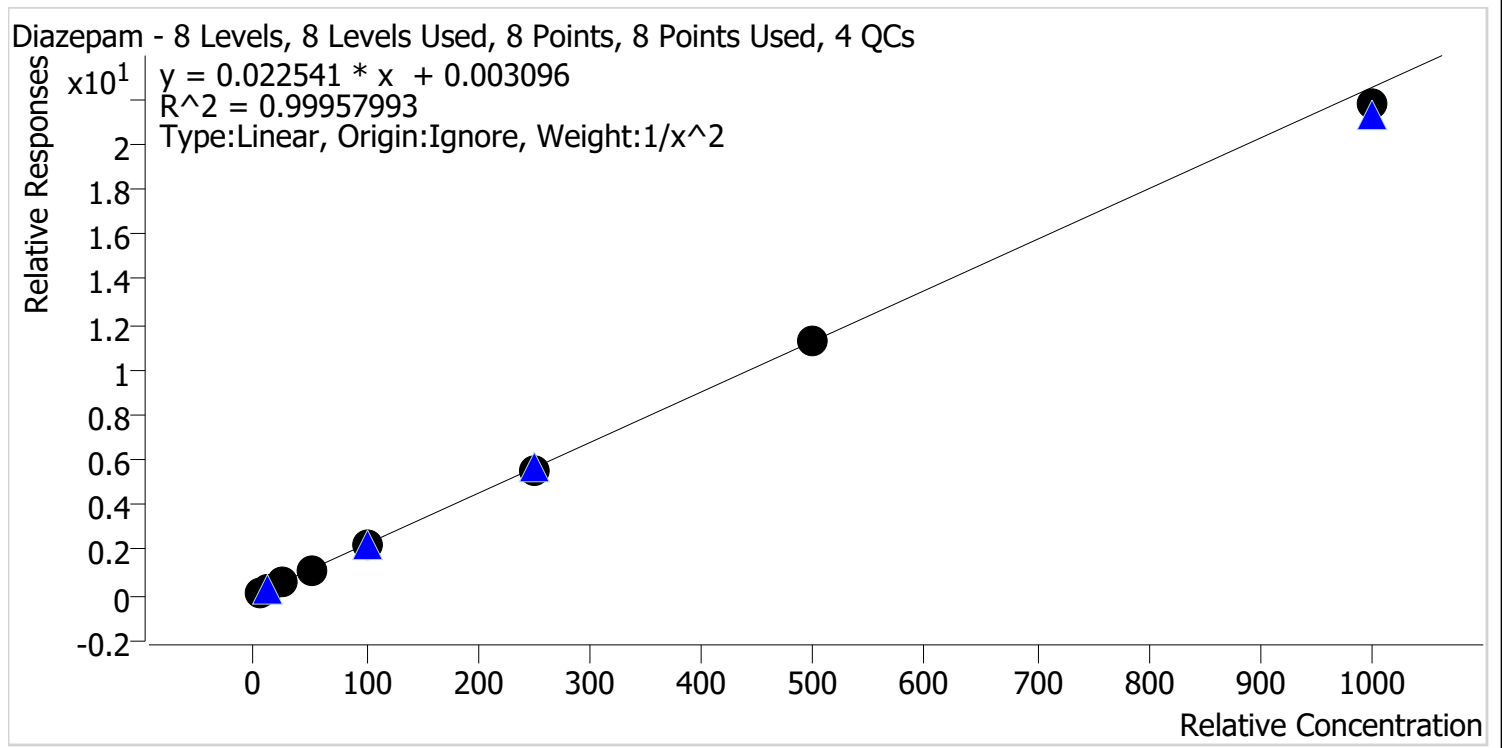
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	505.9	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1069.8	107.0



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



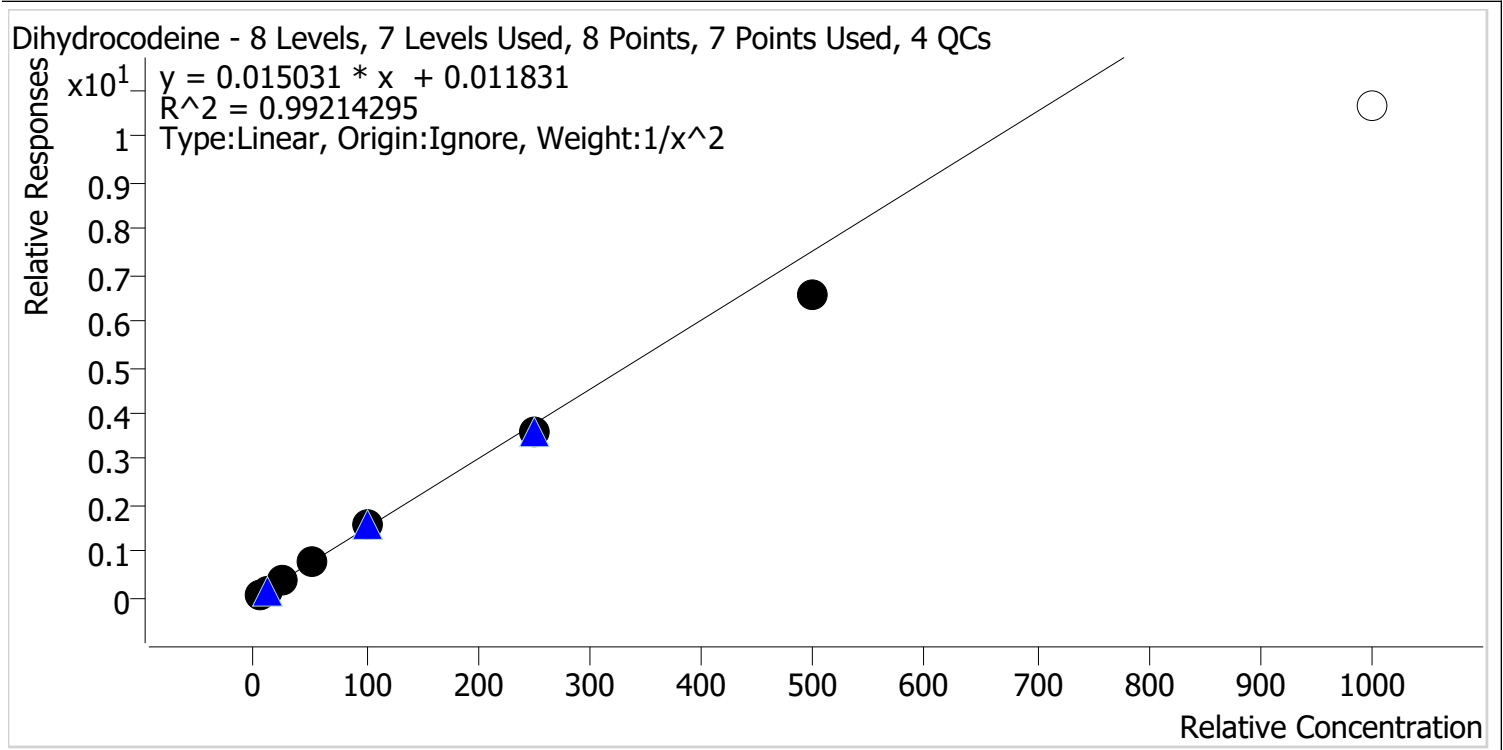
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	966.6	96.7



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	95.3
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.3	106.7
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	239.3	95.7
p1 Cal 7-500ng	7	✓	500.0	434.3	86.9
p1 Cal 8-1000ng	8	x	1000.0	707.8	70.8

Calibrator 8 dropped due to not meeting accuracy requirement.



TS CS

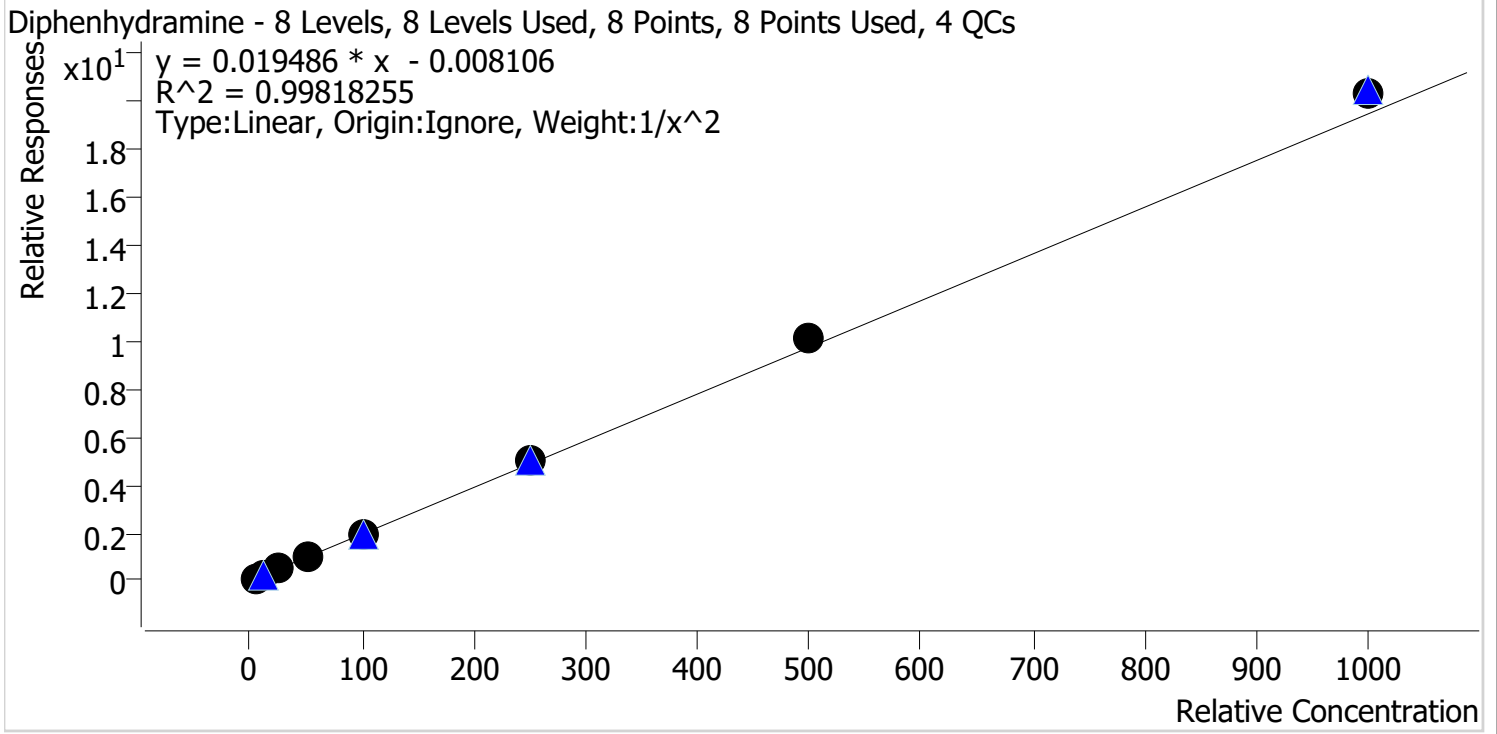
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



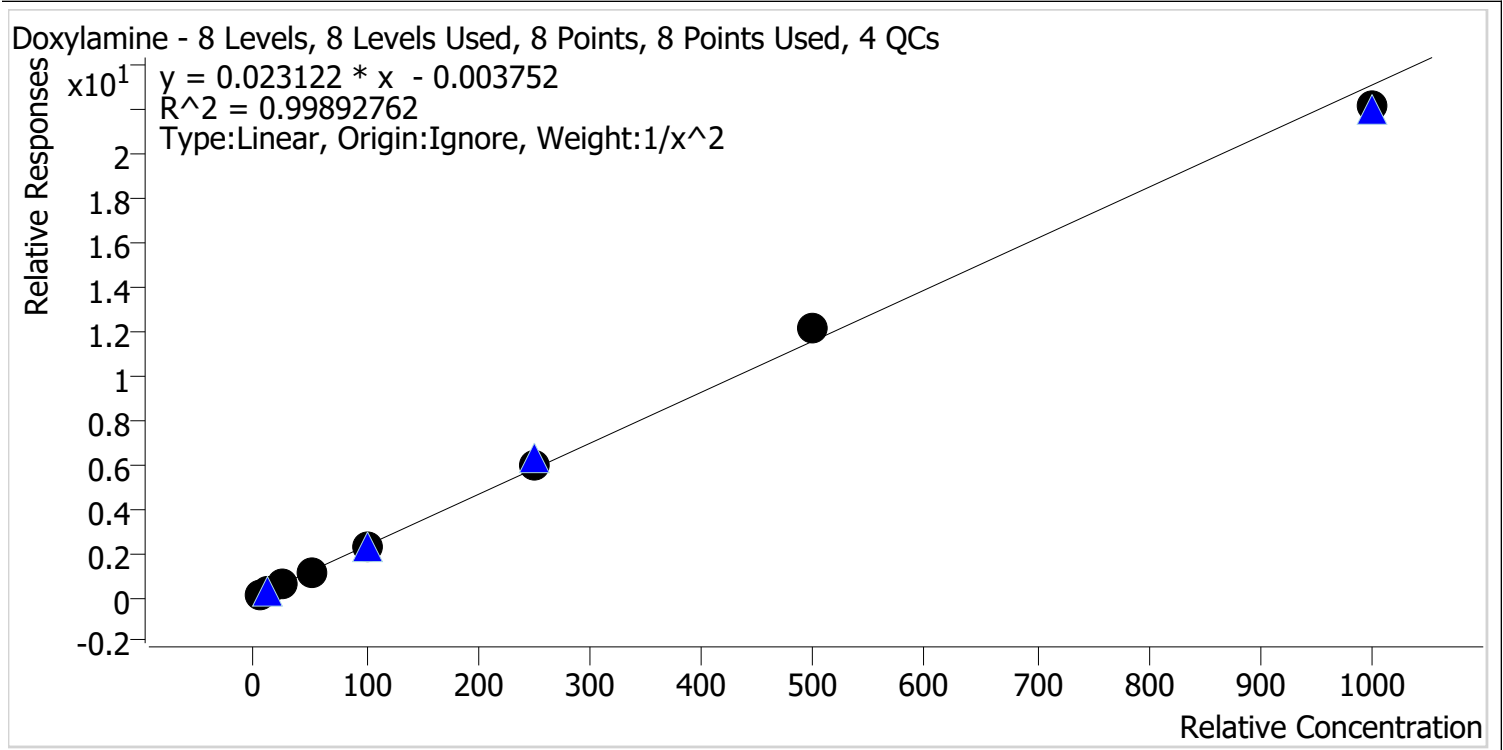
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1044.8	104.5

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



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	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	525.2	105.0
p1 Cal 8-1000ng	8	✓	1000.0	958.4	95.8

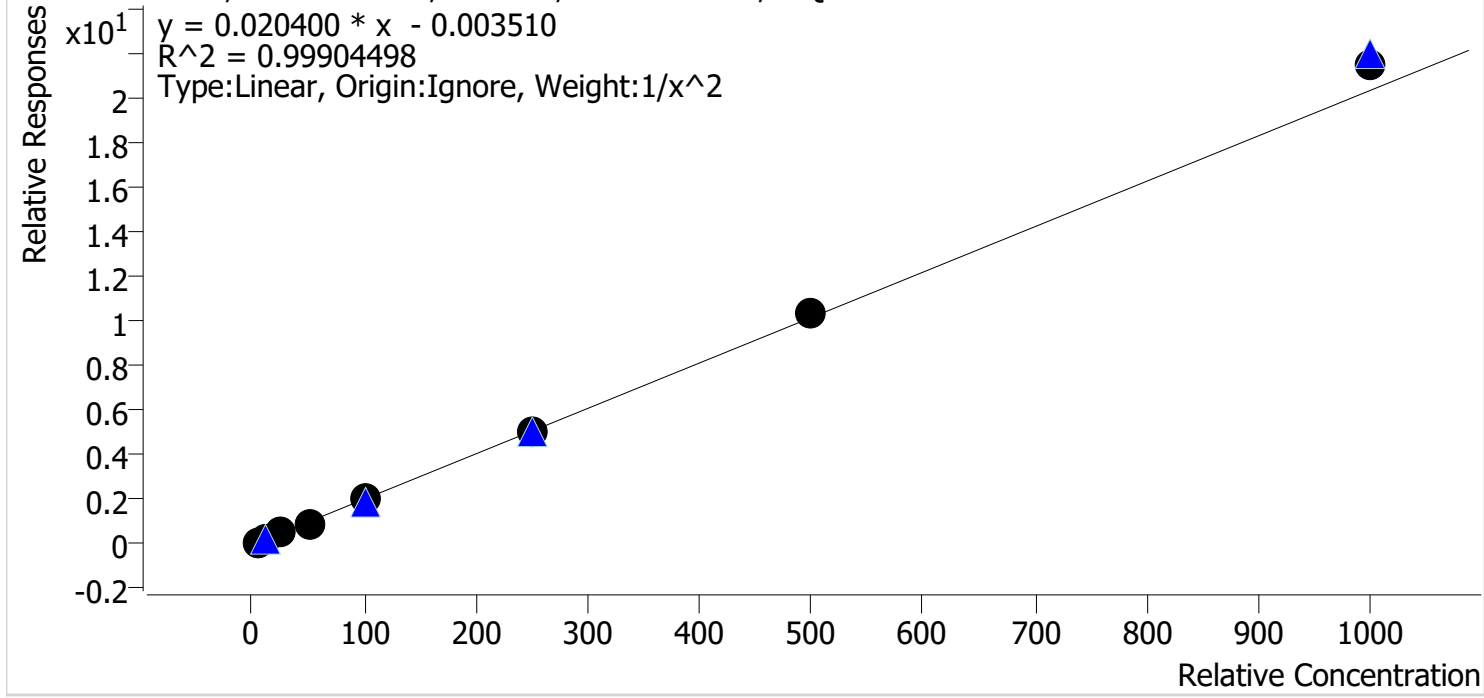
TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

EDDP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



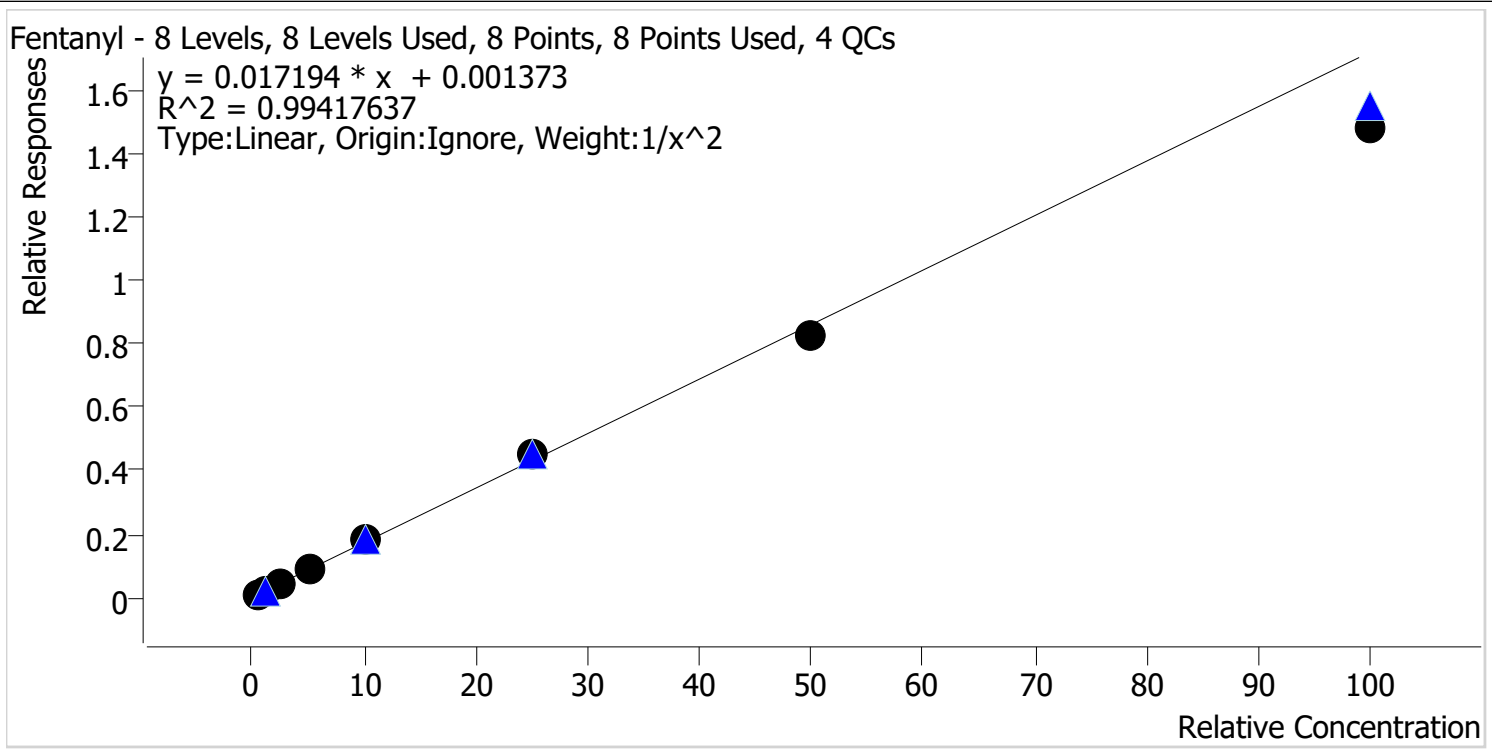
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1053.7	105.4



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



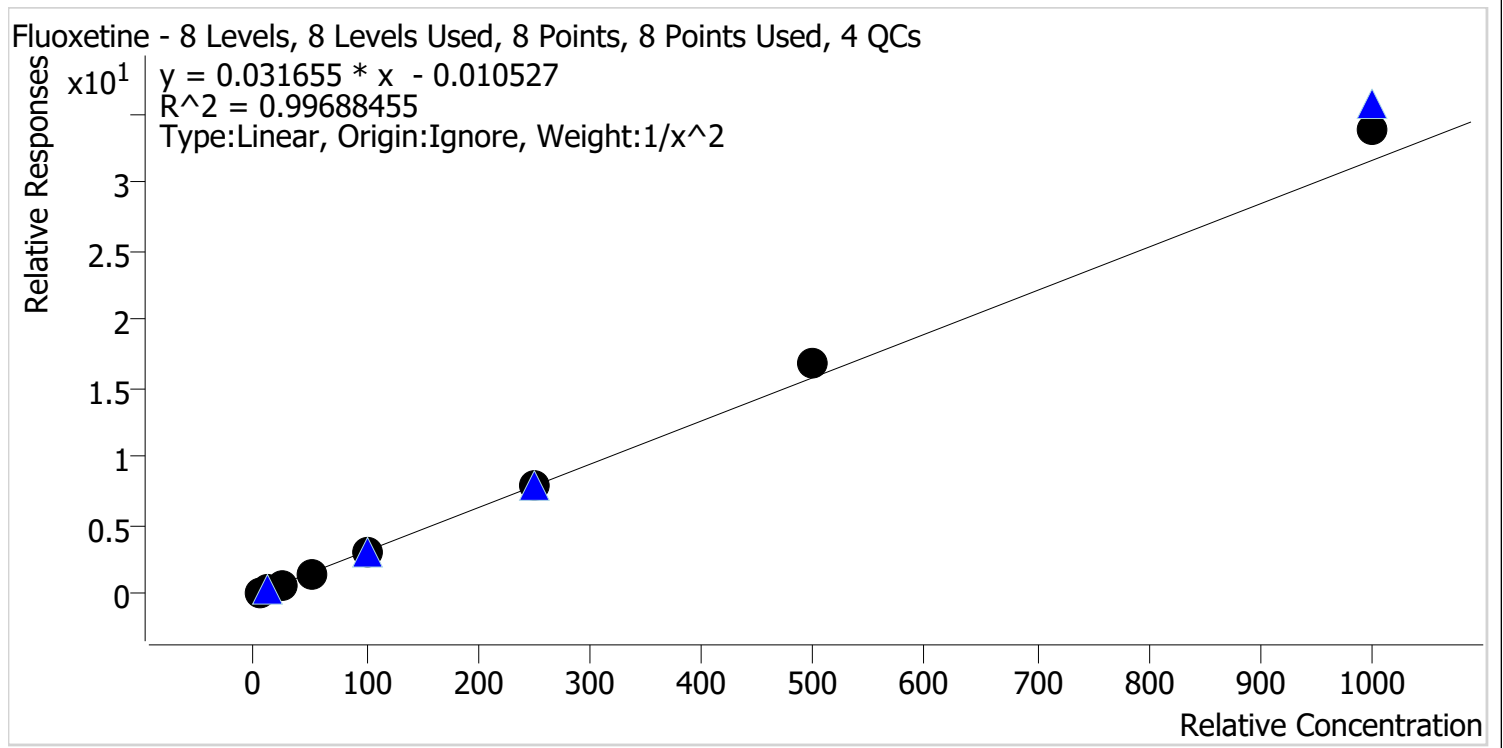
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.2
p1 Cal 2-10ng	2	✓	1.0	1.0	102.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.6
p1 Cal 4-50ng	4	✓	5.0	5.3	105.7
p1 Cal 5-100ng	5	✓	10.0	10.4	104.0
p1 Cal 6-250ng	6	✓	25.0	26.1	104.3
p1 Cal 7-500ng	7	✓	50.0	47.8	95.7
p1 Cal 8-1000ng	8	✓	100.0	86.3	86.3



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	529.6	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1070.9	107.1



TS CS

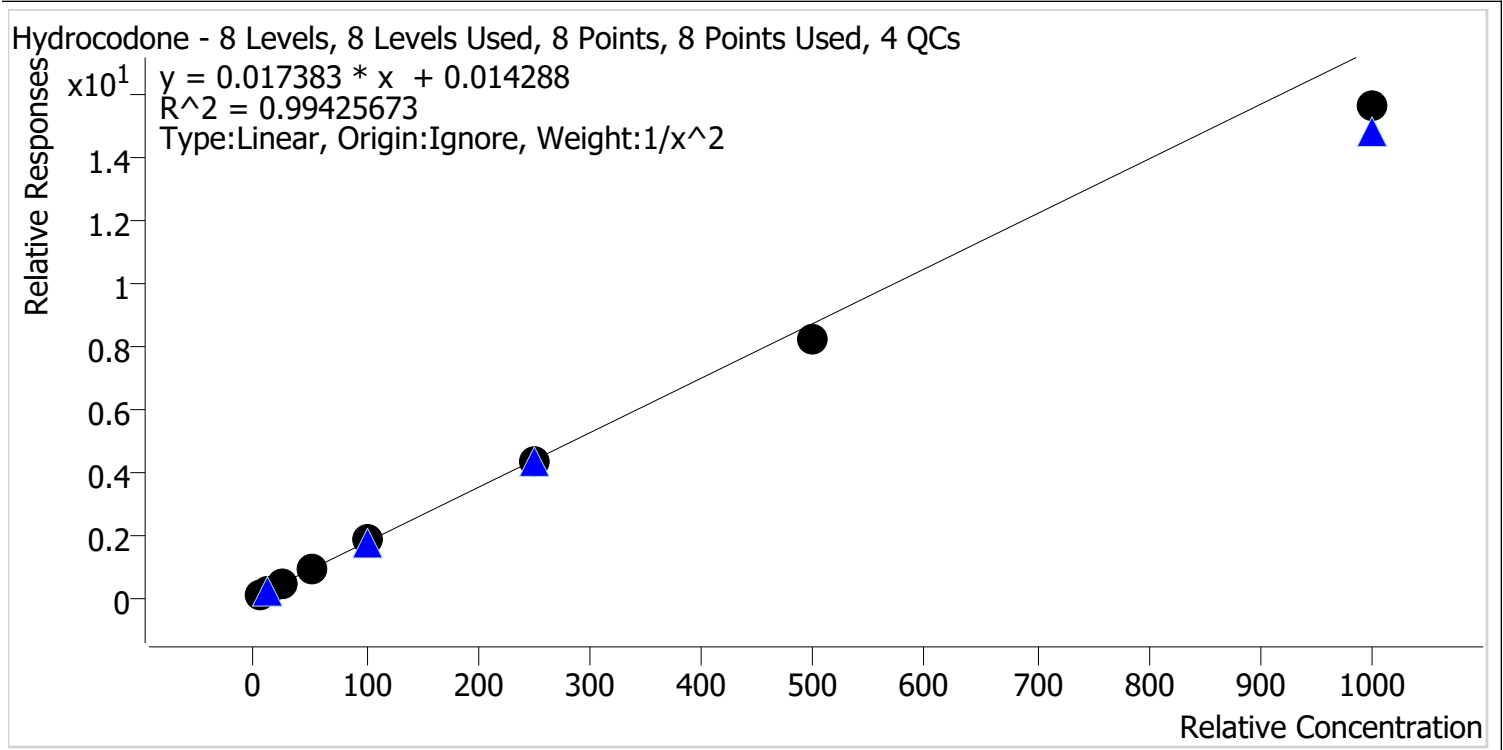
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

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	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng	7	✓	500.0	468.5	93.7
p1 Cal 8-1000ng	8	✓	1000.0	896.6	89.7

TS

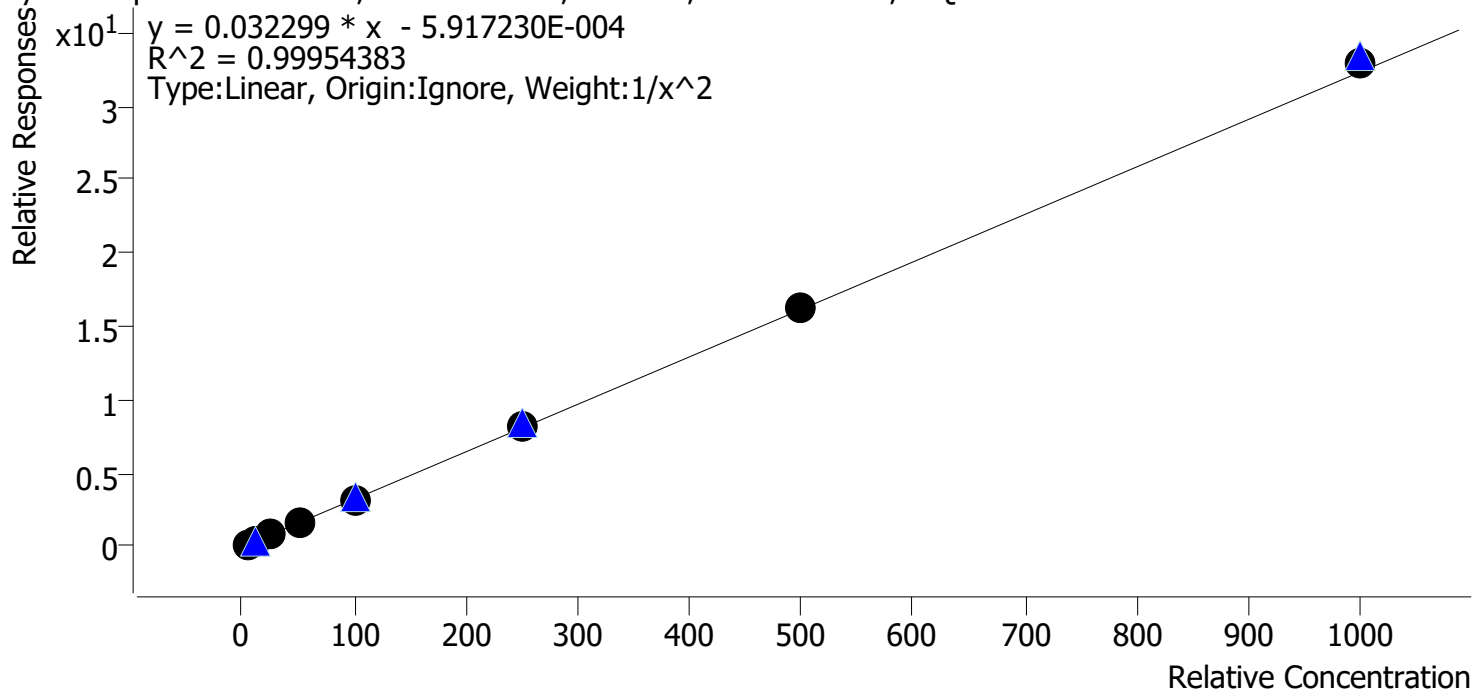
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

Hydromorphone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



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	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1018.7	101.9



TS CS

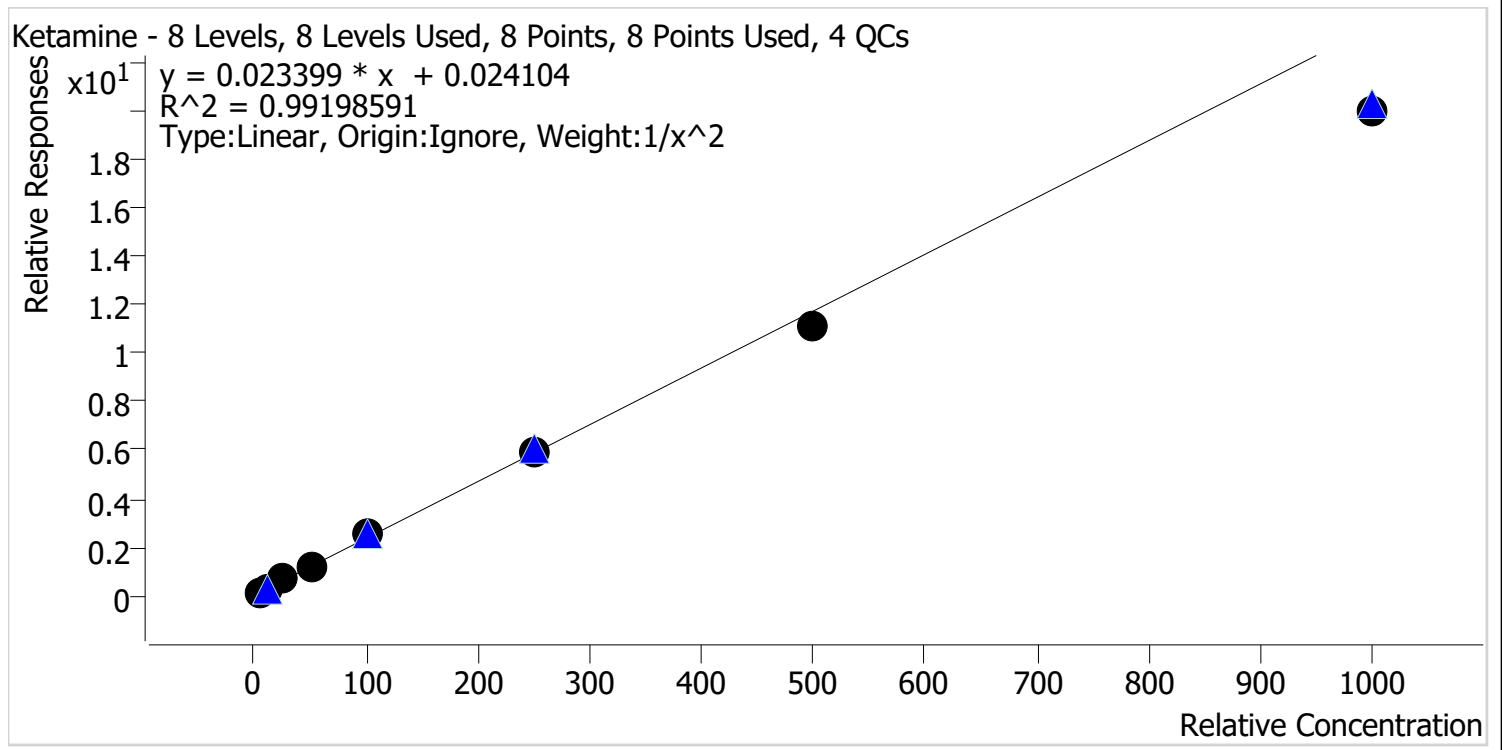
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Ketamine **Internal Standard** Ketamine-D4



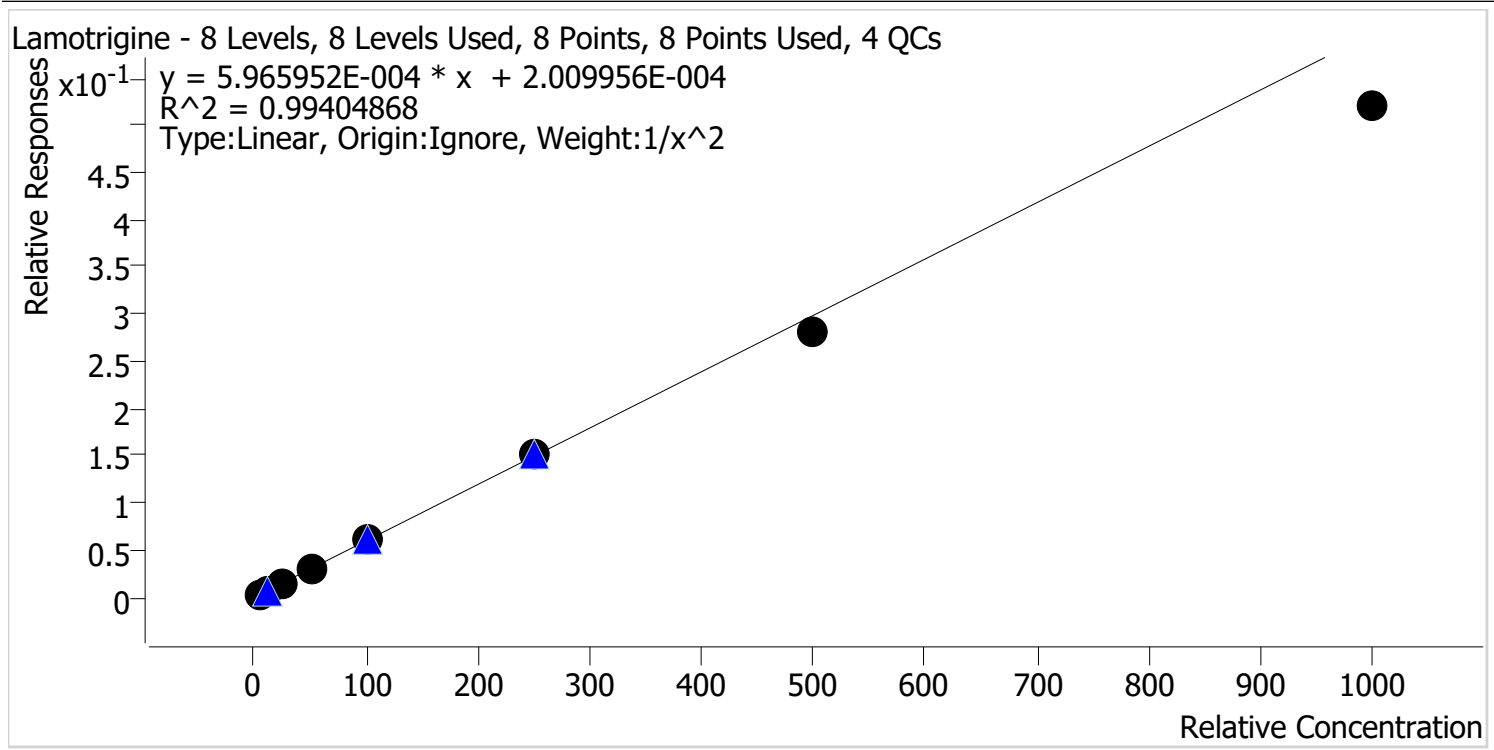
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	473.0	94.6
p1 Cal 8-1000ng	8	✓	1000.0	849.0	84.9

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



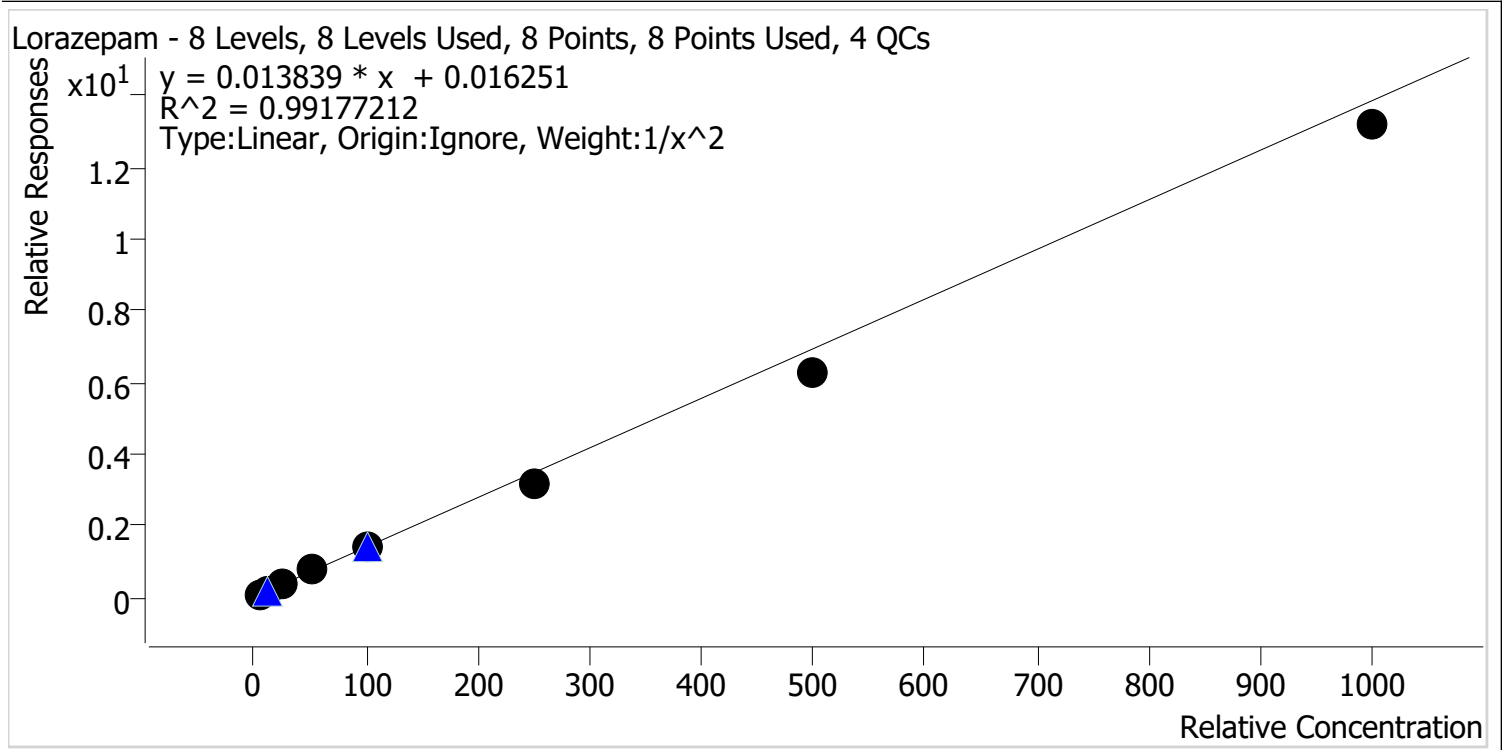
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	471.9	94.4
p1 Cal 8-1000ng	8	✓	1000.0	871.2	87.1

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



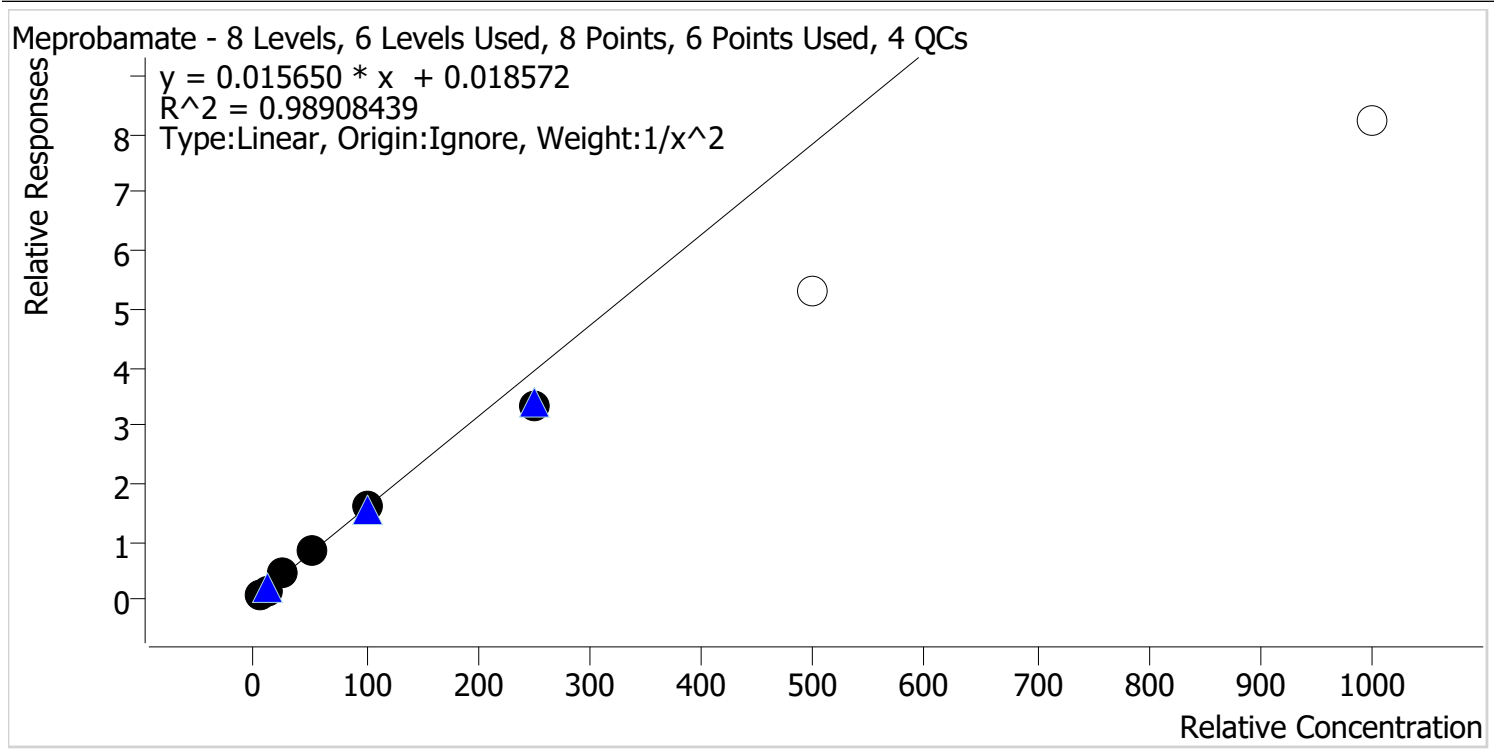
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.7
p1 Cal 2-10ng	2	✓	10.0	10.8	107.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	228.0	91.2
p1 Cal 7-500ng	7	✓	500.0	455.3	91.1
p1 Cal 8-1000ng	8	✓	1000.0	955.2	95.5



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



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	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	211.4	84.6
p1 Cal 7-500ng	7	✗	500.0	338.3	67.7
p1 Cal 8-1000ng	8	✗	1000.0	524.3	52.4

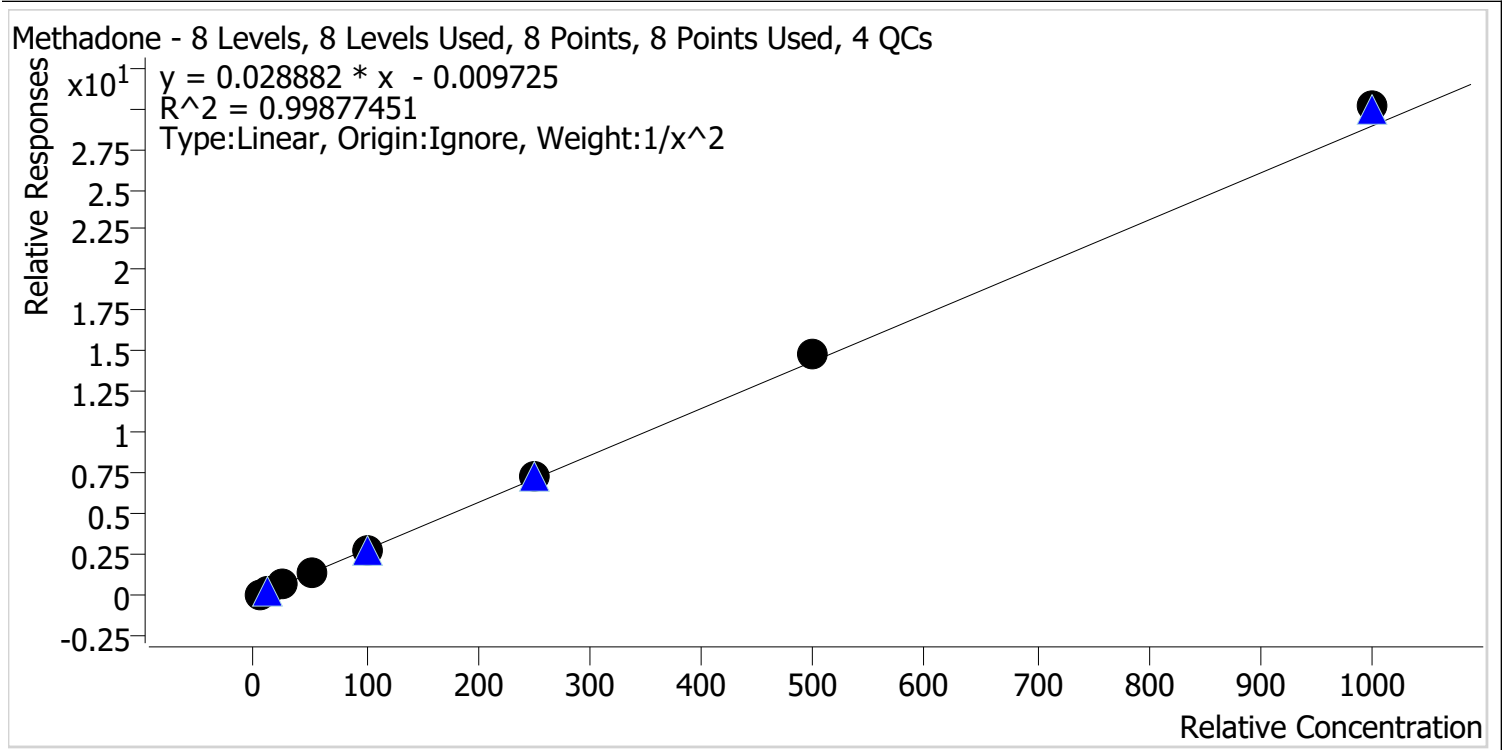
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



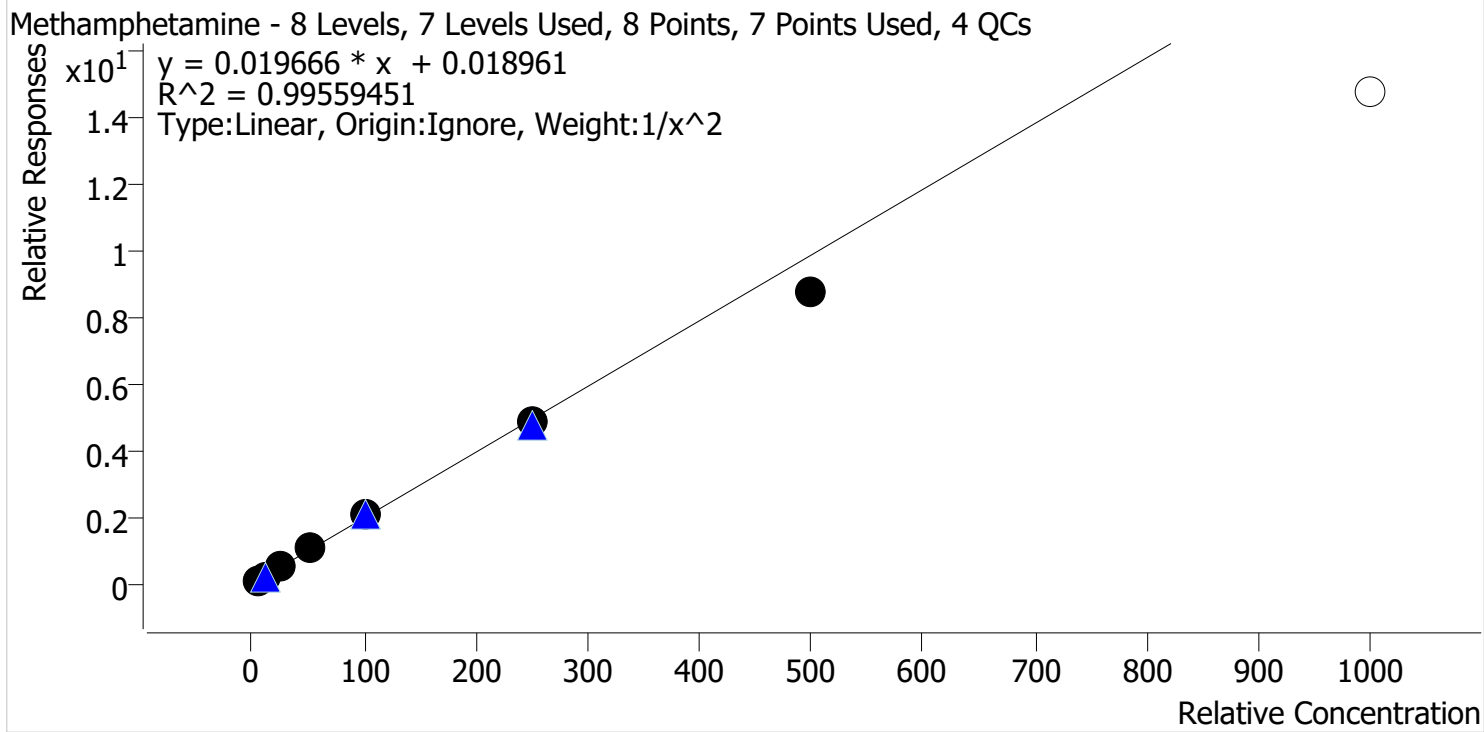
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	513.3	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1041.8	104.2



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	445.4	89.1
p1 Cal 8-1000ng	8	x	1000.0	747.6	74.8

Calibrator 8 dropped due to not meeting accuracy requirement.



TS CS

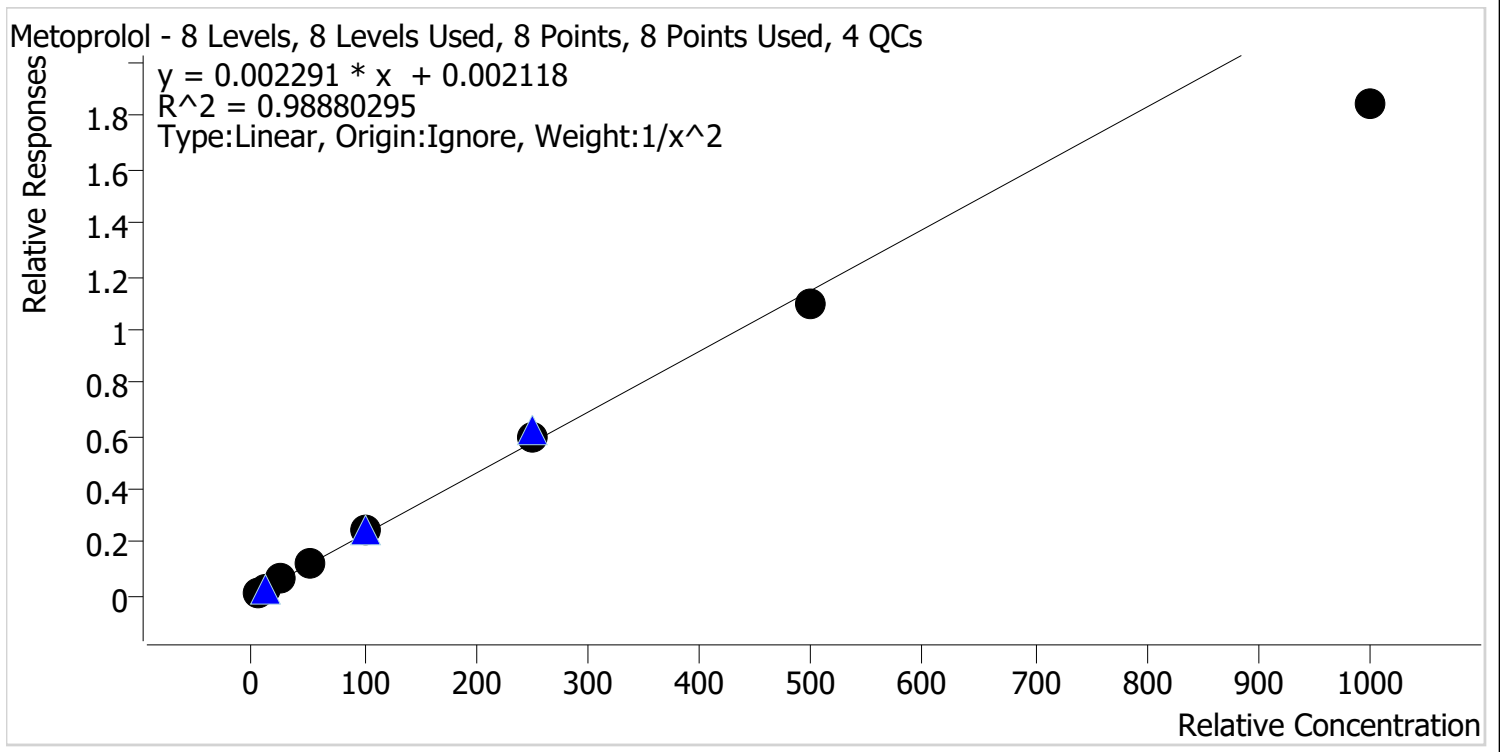
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

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	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	261.4	104.5
p1 Cal 7-500ng	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng	8	✓	1000.0	803.9	80.4



TS CS

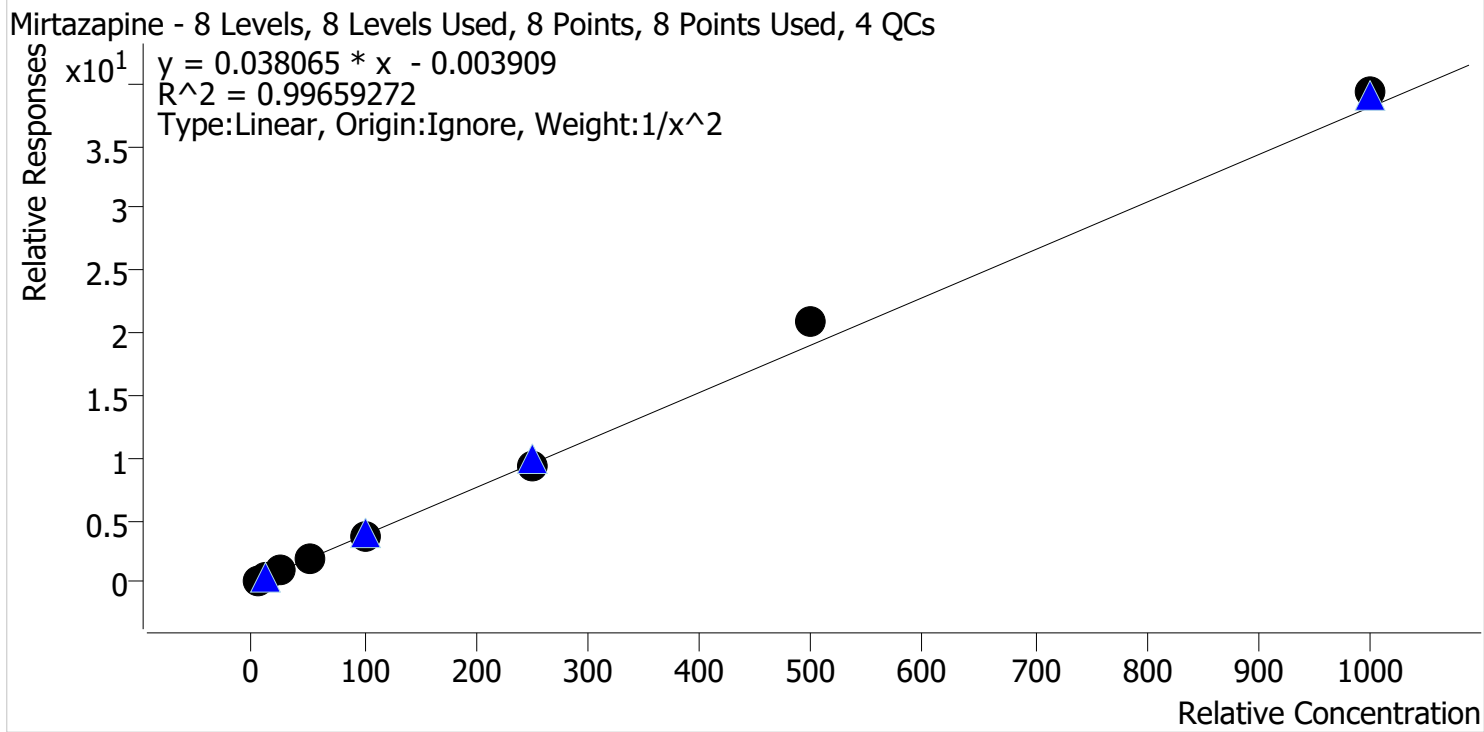
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



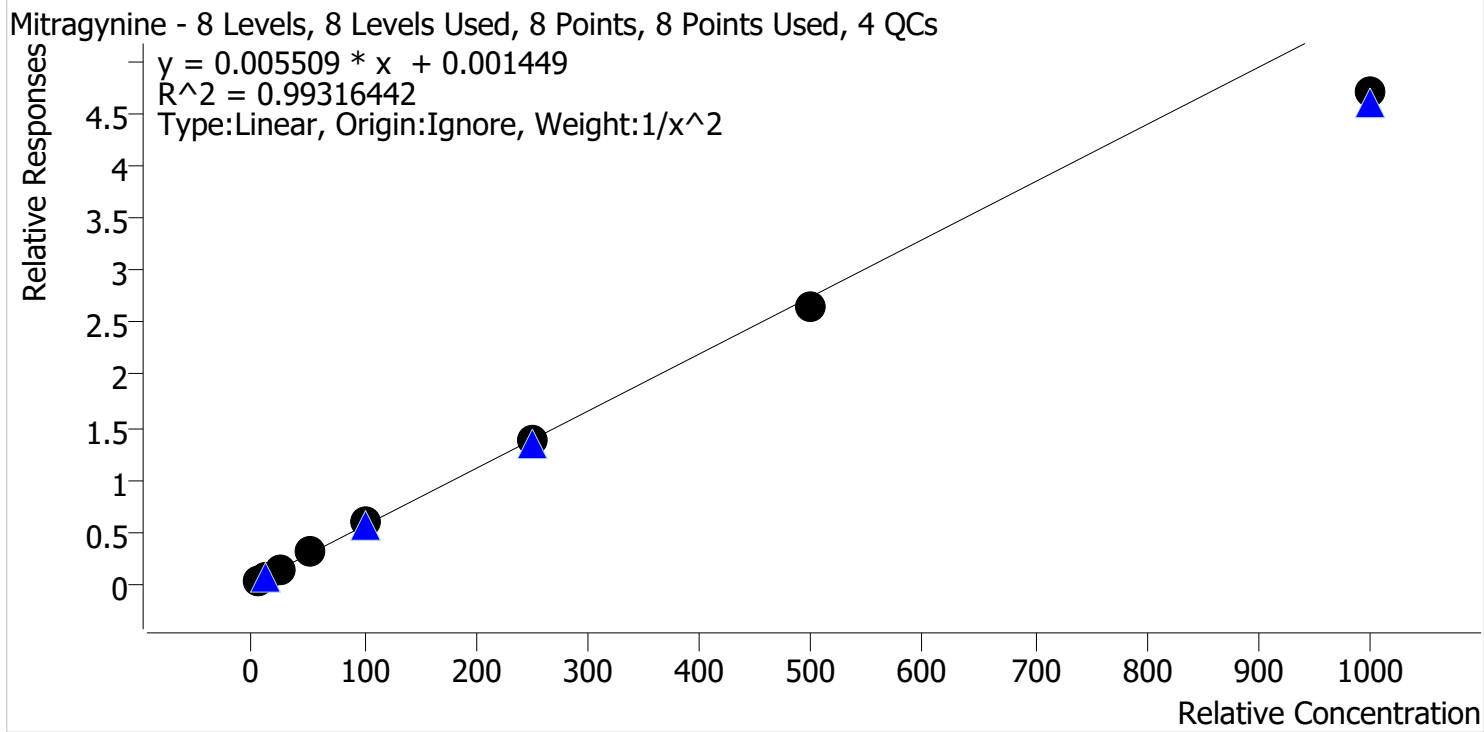
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	545.5	109.1
p1 Cal 8-1000ng	8	✓	1000.0	1031.4	103.1



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



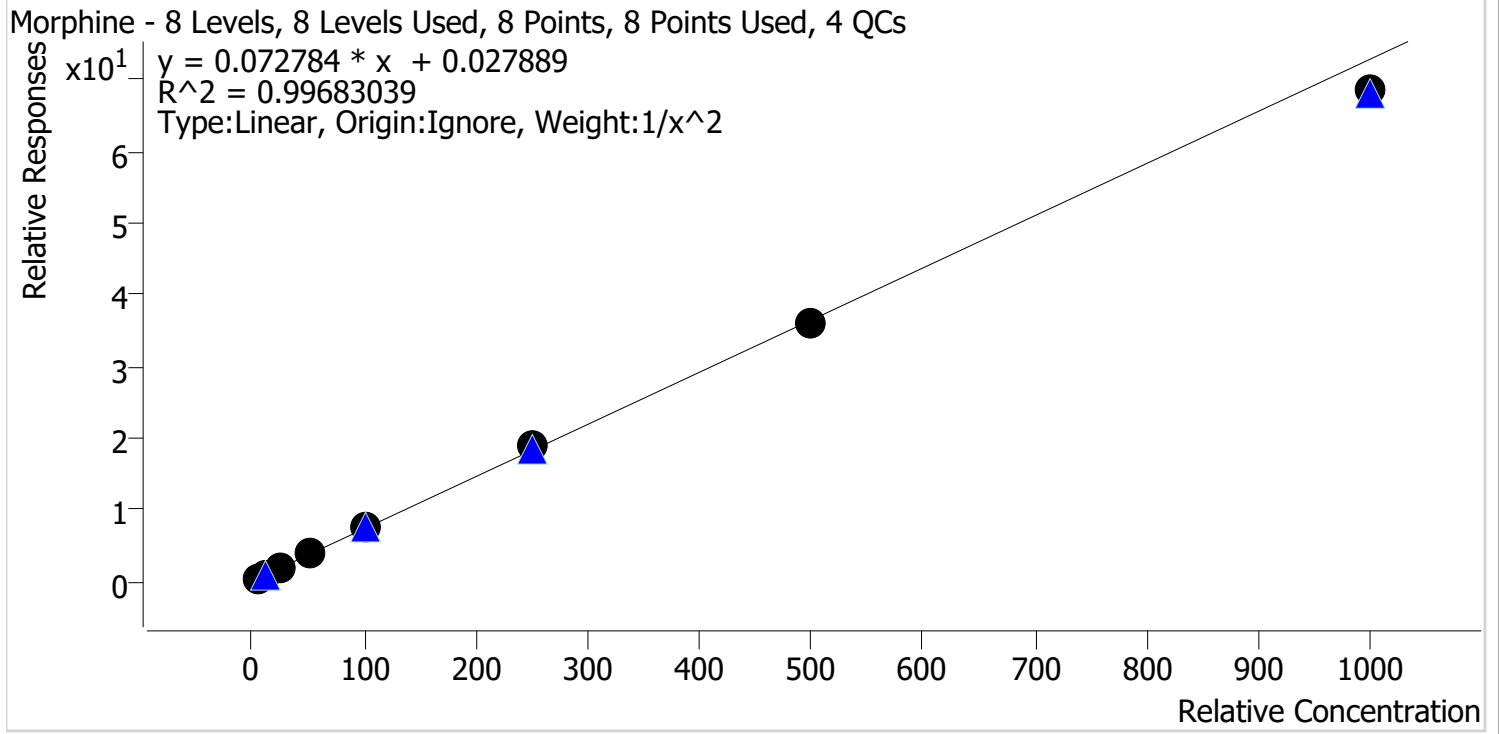
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	481.2	96.2
p1 Cal 8-1000ng	8	✓	1000.0	856.5	85.7

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	490.7	98.1
p1 Cal 8-1000ng	8	✓	1000.0	940.4	94.0

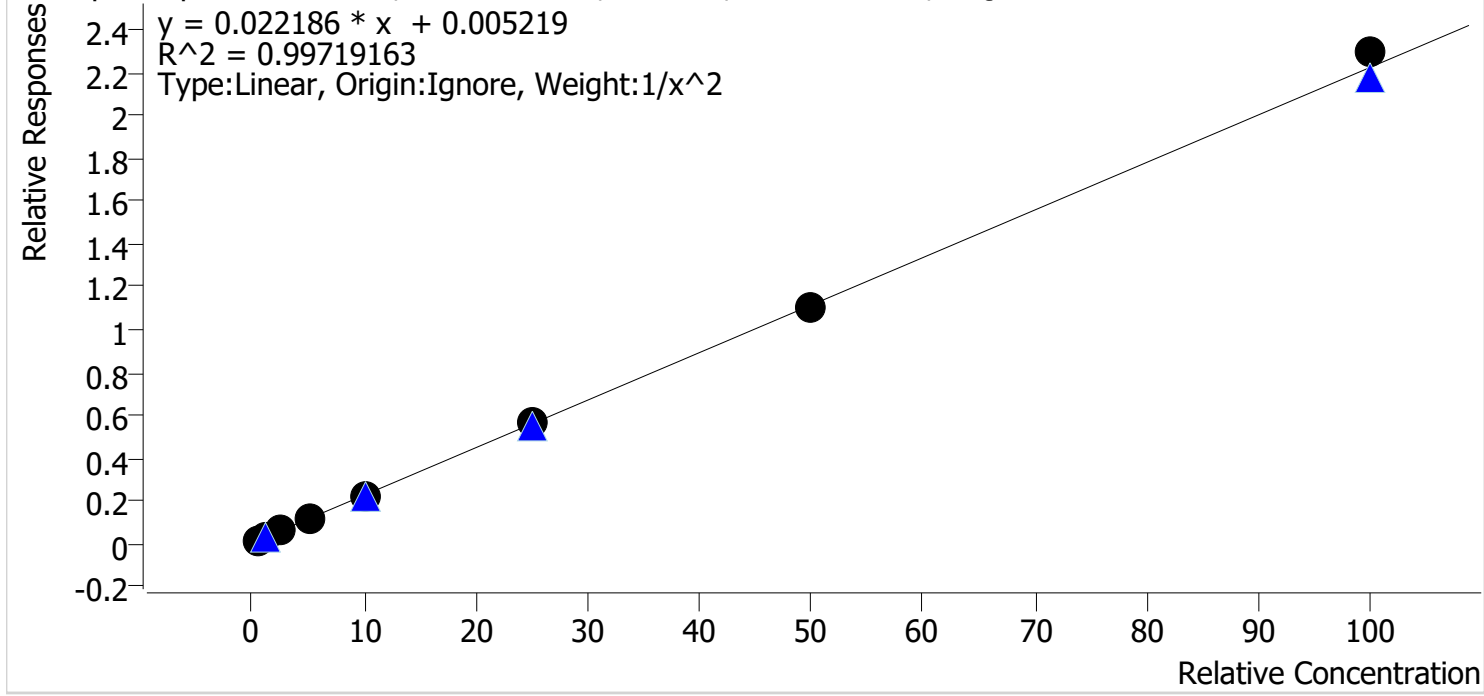
TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



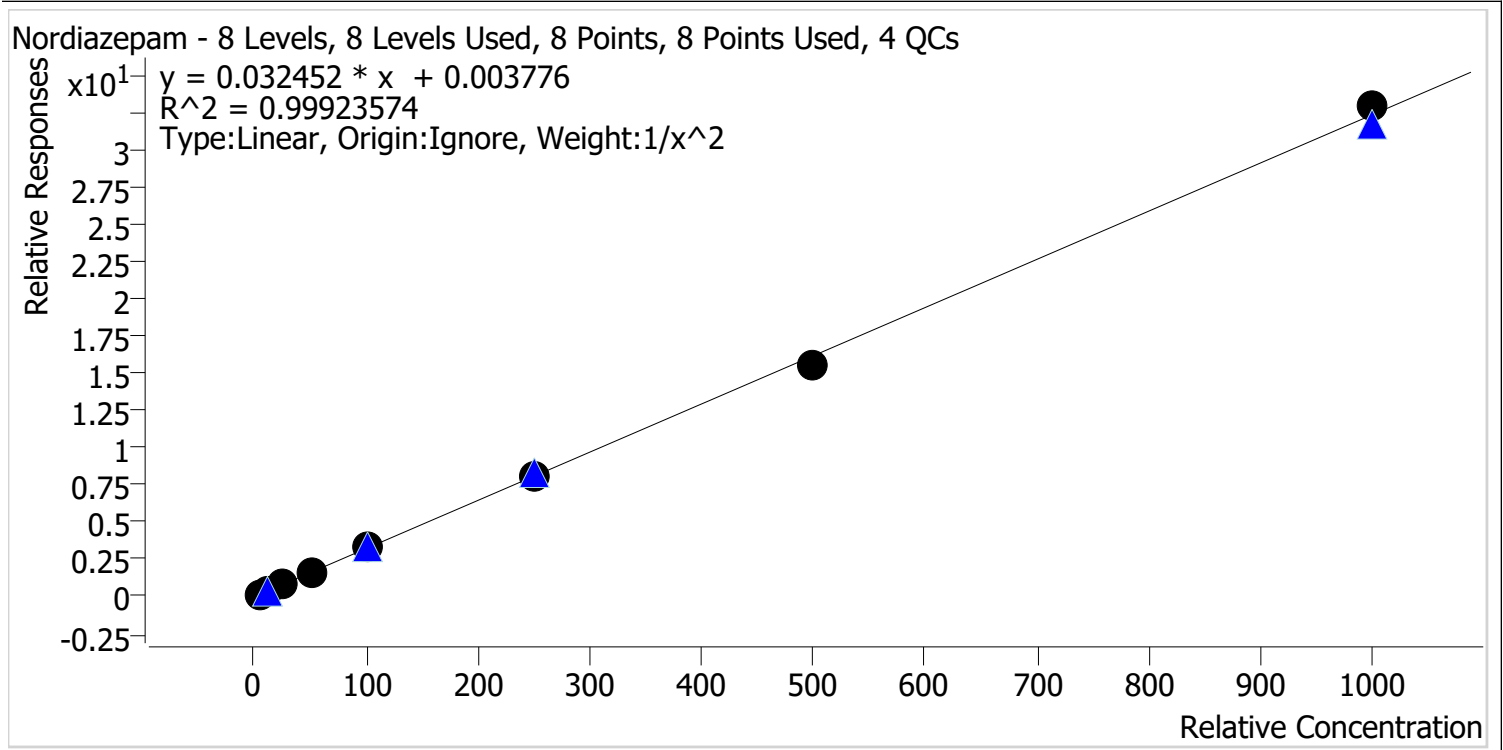
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.5
p1 Cal 2-10ng	2	✓	1.0	1.0	103.5
p1 Cal 3 -25ng	3	✓	2.5	2.7	107.5
p1 Cal 4-50ng	4	✓	5.0	4.8	95.0
p1 Cal 5-100ng	5	✓	10.0	9.4	93.9
p1 Cal 6-250ng	6	✓	25.0	25.1	100.6
p1 Cal 7-500ng	7	✓	50.0	49.4	98.8
p1 Cal 8-1000ng	8	✓	100.0	103.2	103.2



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	477.4	95.5
p1 Cal 8-1000ng	8	✓	1000.0	1017.7	101.8

CS

TS



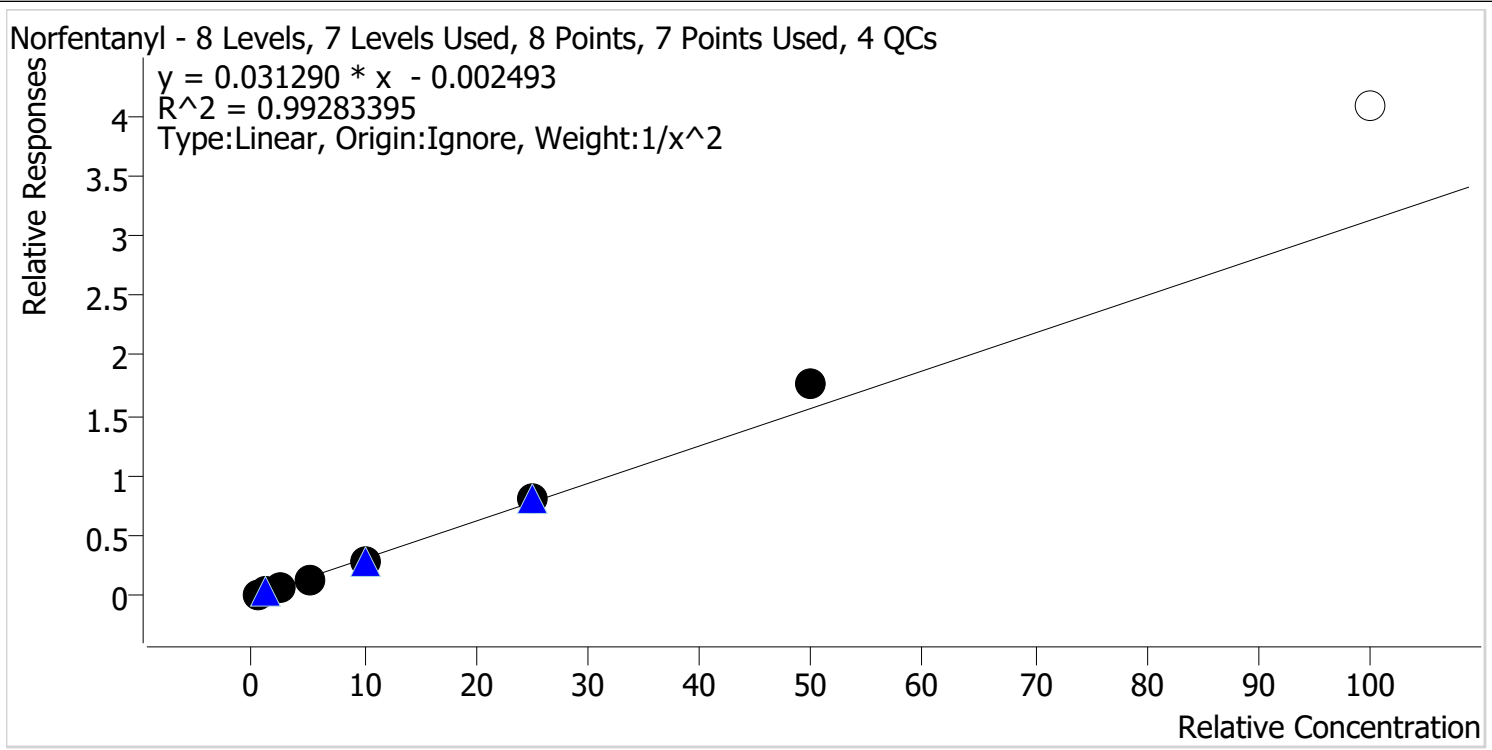
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.3
p1 Cal 2-10ng	2	✓	1.0	1.0	97.3
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.7
p1 Cal 4-50ng	4	✓	5.0	4.6	92.8
p1 Cal 5-100ng	5	✓	10.0	9.6	96.0
p1 Cal 6-250ng	6	✓	25.0	26.0	104.0
p1 Cal 7-500ng	7	✓	50.0	56.5	112.9
p1 Cal 8-1000ng	8	x	100.0	130.3	130.3

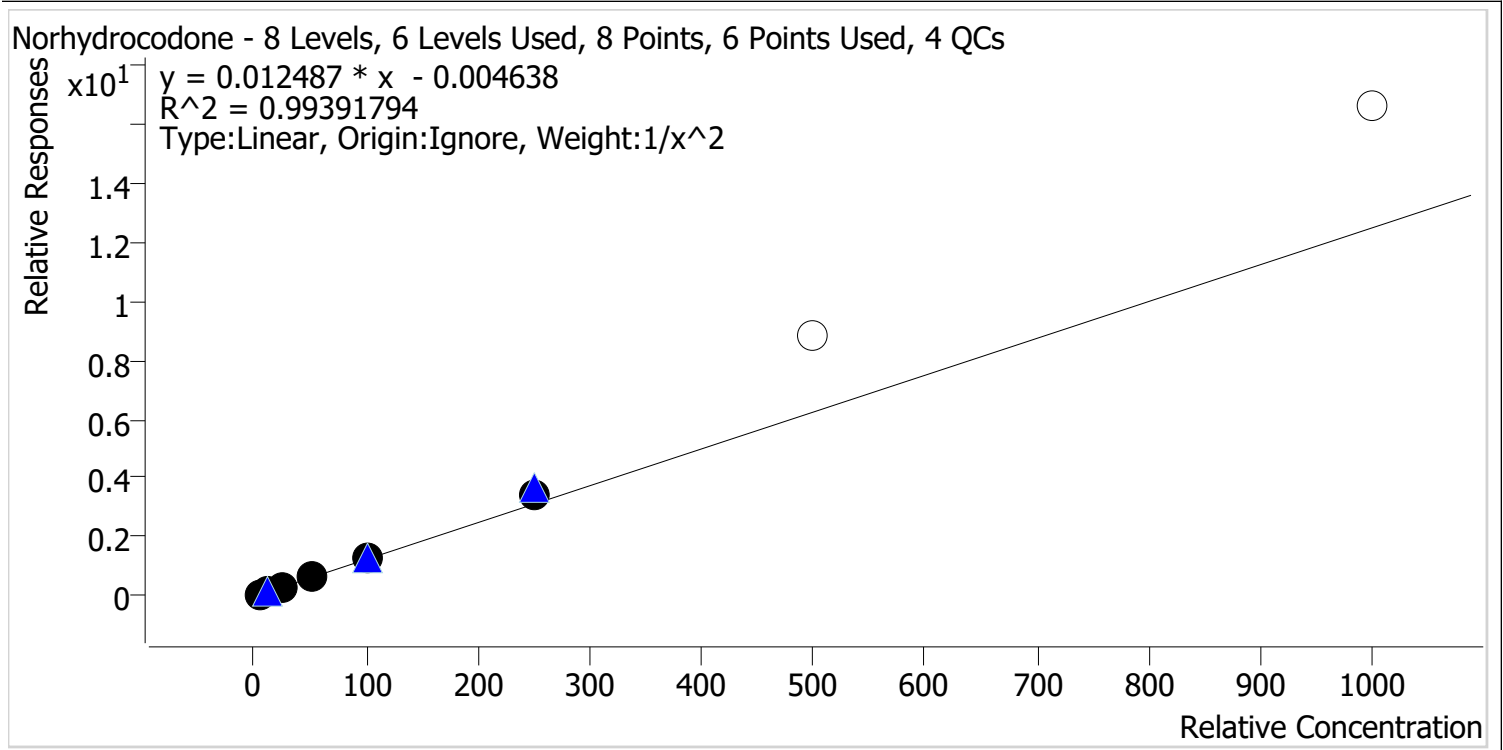
Calibrator 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.5	95.0
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	273.3	109.3
p1 Cal 7-500ng	7	✗	500.0	705.0	141.0
p1 Cal 8-1000ng	8	✗	1000.0	1330.1	133.0

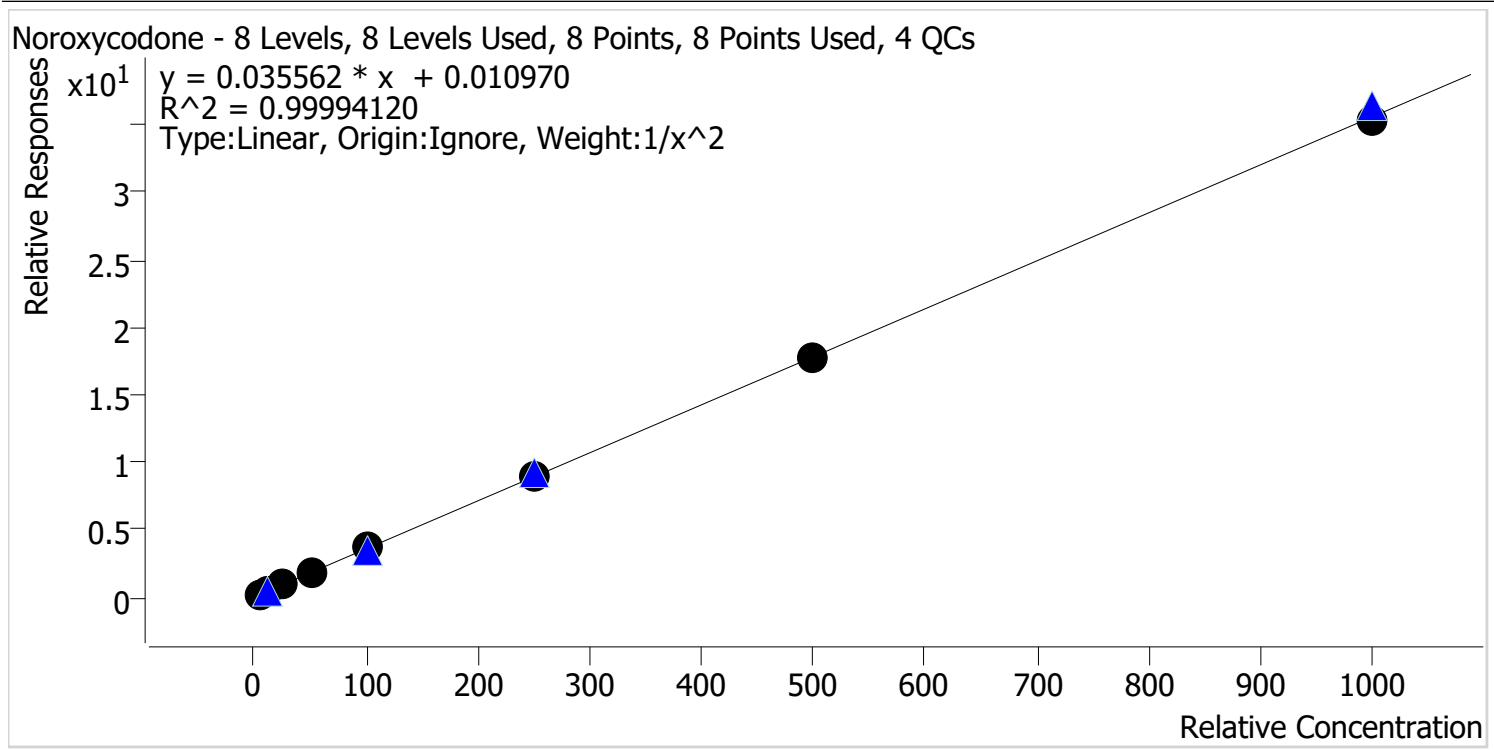
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



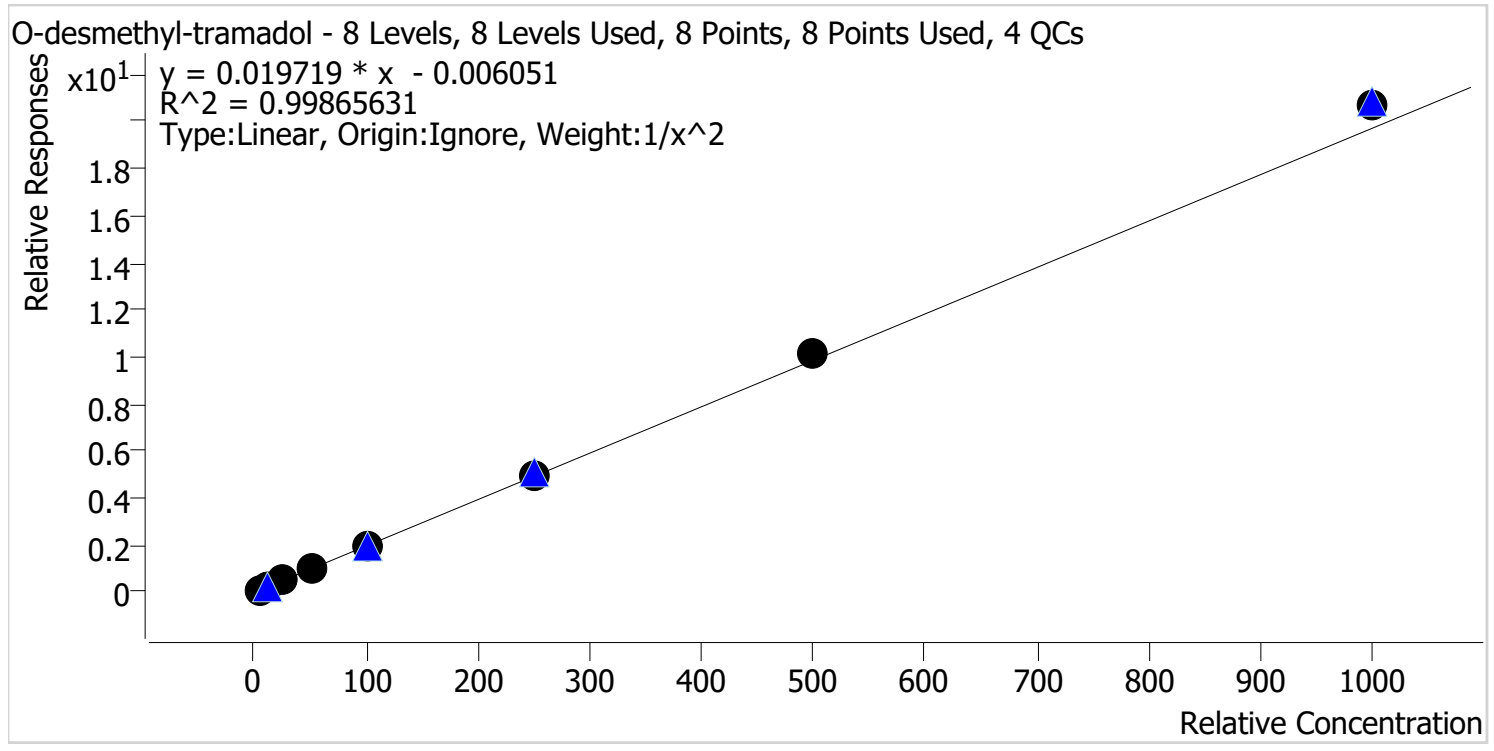
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	994.9	99.5

TS CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1051.7	105.2



TS CS

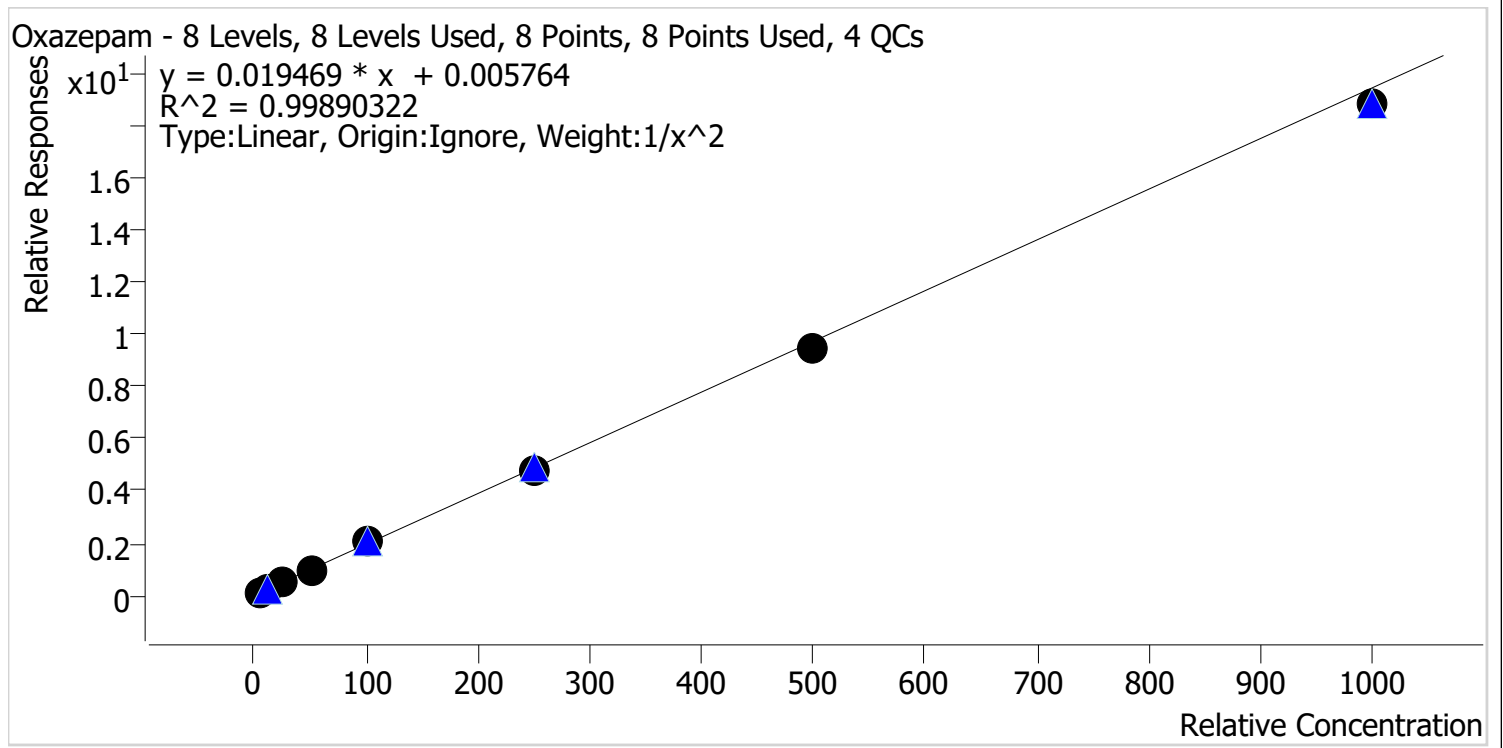
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

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	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	485.9	97.2
p1 Cal 8-1000ng	8	✓	1000.0	967.6	96.8



TS

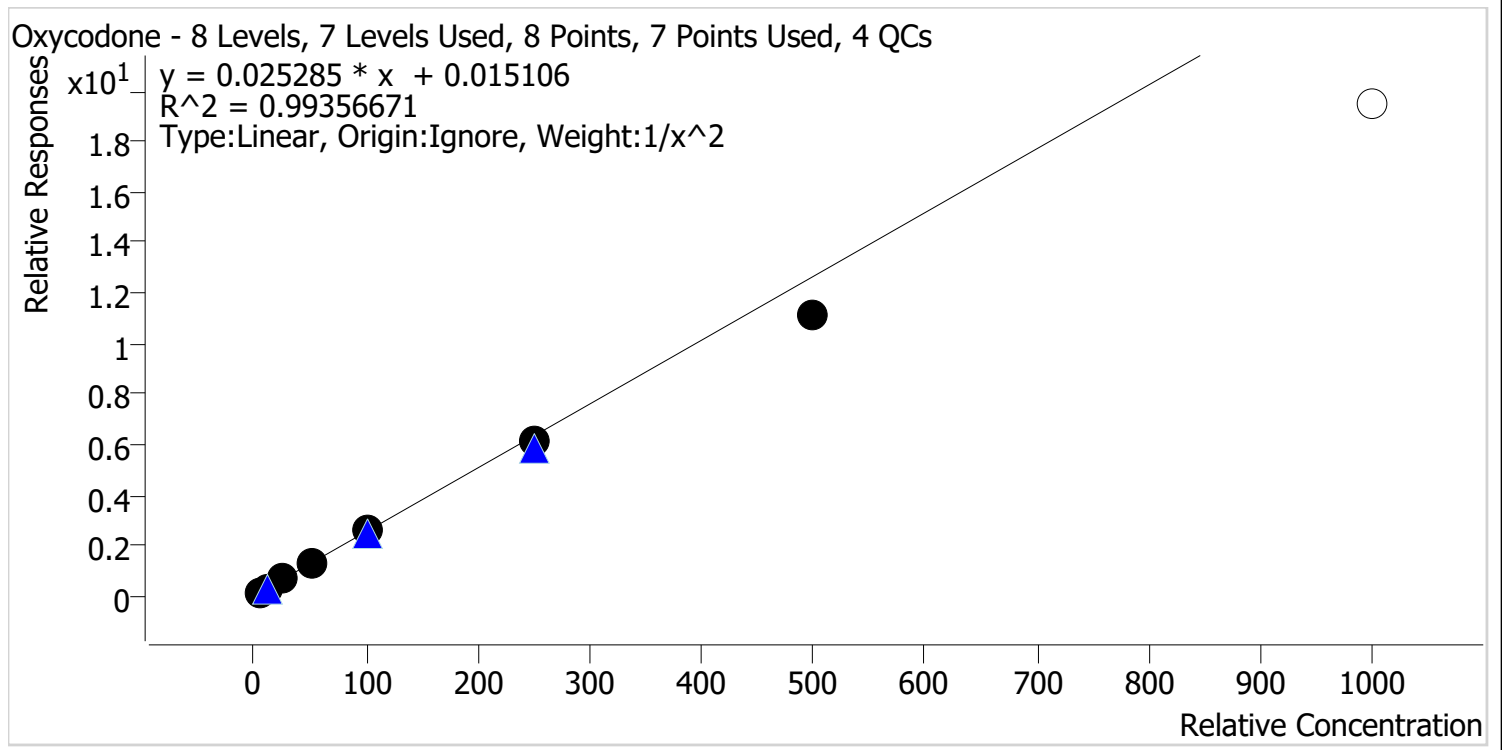
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

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	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	239.2	95.7
p1 Cal 7-500ng	7	✓	500.0	439.7	87.9
p1 Cal 8-1000ng	8	x	1000.0	769.8	77.0

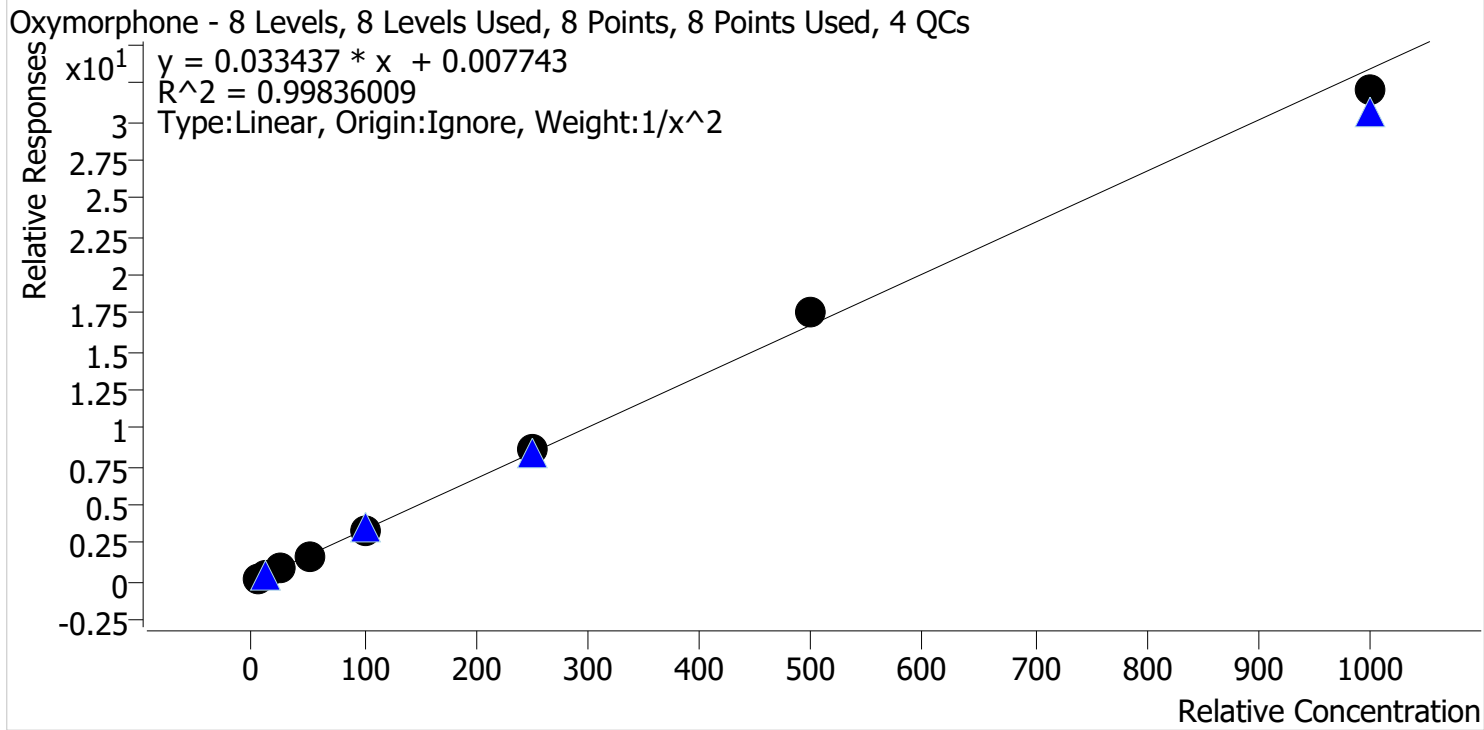
Calibrator 8 dropped due to not meeting accuracy requirement.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



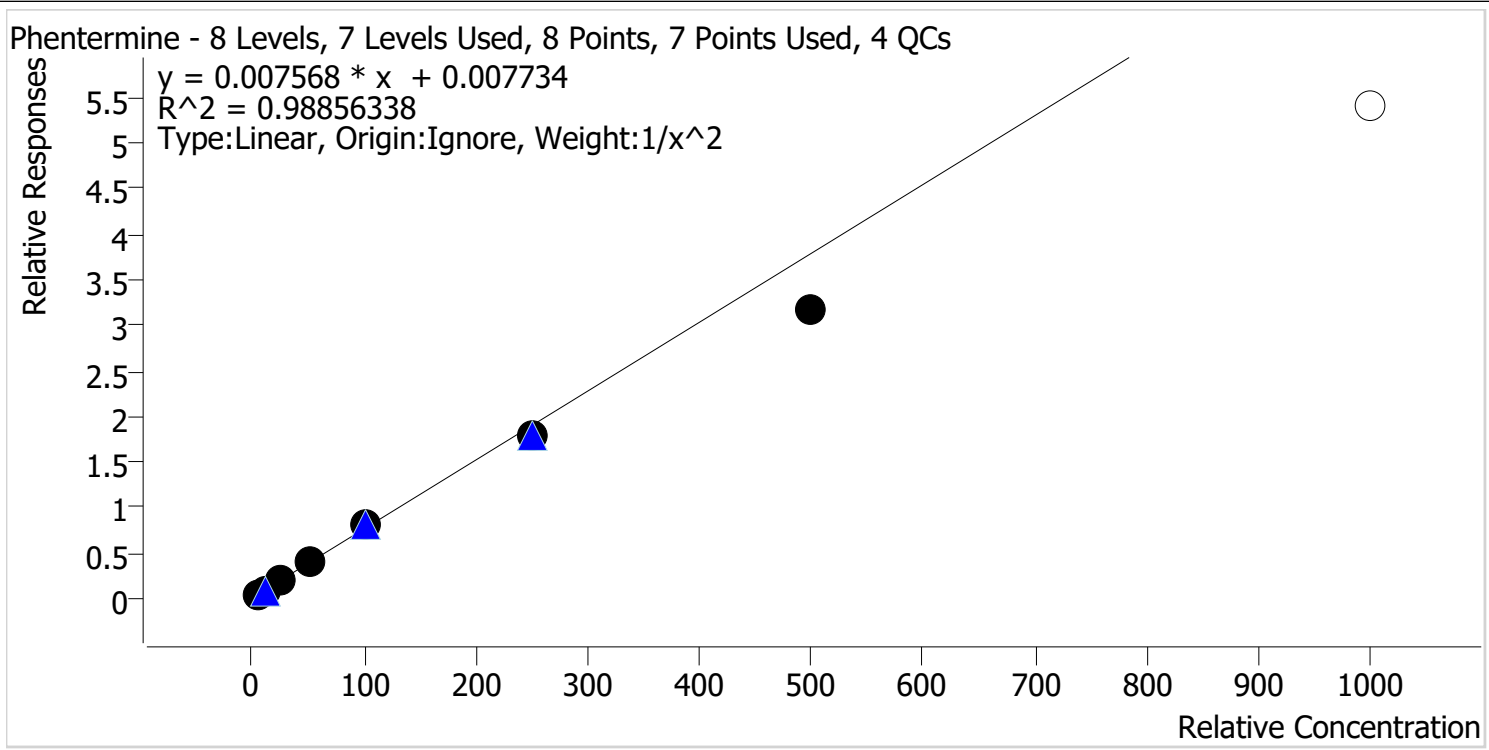
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	958.2	95.8



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	95.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	235.6	94.2
p1 Cal 7-500ng	7	✓	500.0	420.7	84.1
p1 Cal 8-1000ng	8	x	1000.0	713.6	71.4

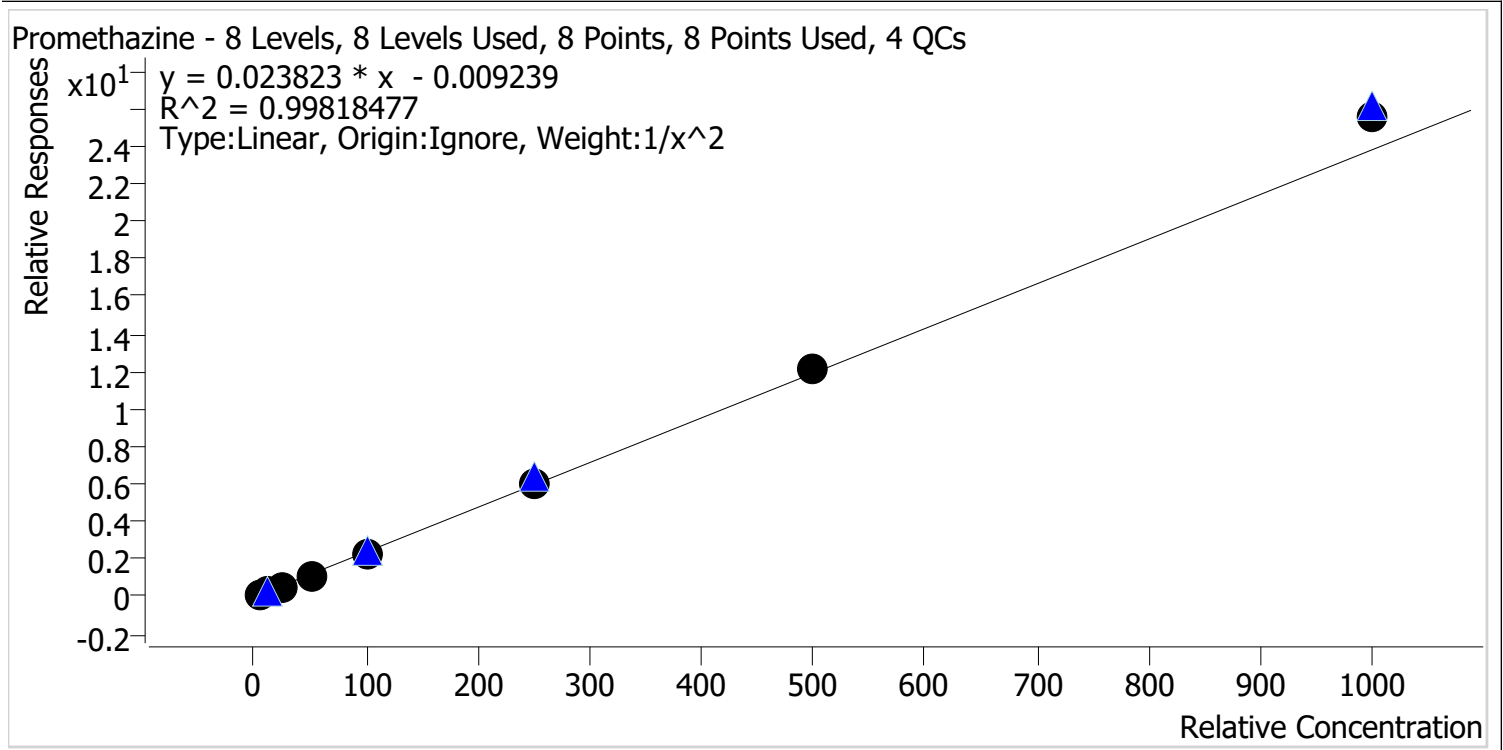
Calibrator 8 dropped due to not meeting accuracy requirement.



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



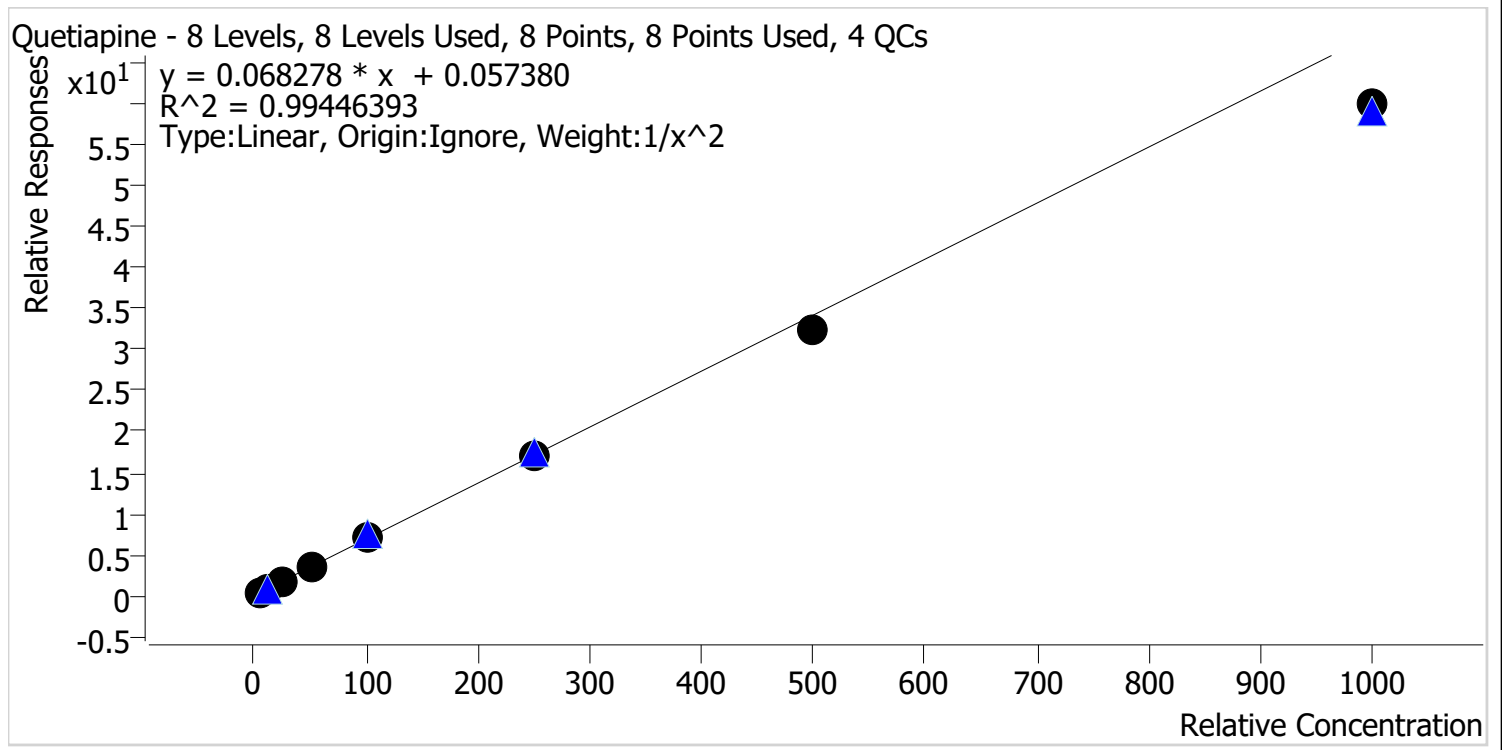
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1074.9	107.5



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



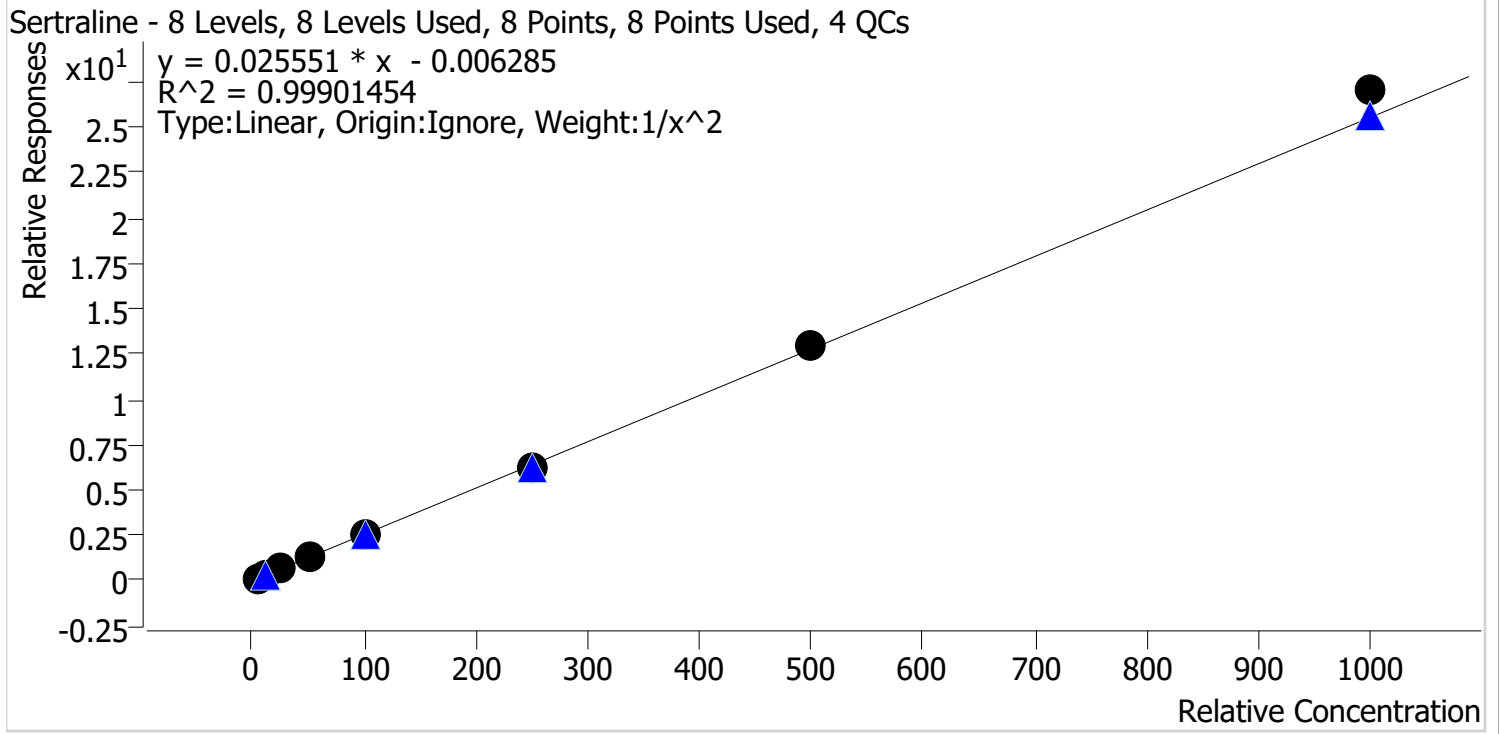
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng	8	✓	1000.0	876.6	87.7



CS
TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1058.8	105.9



TS CS

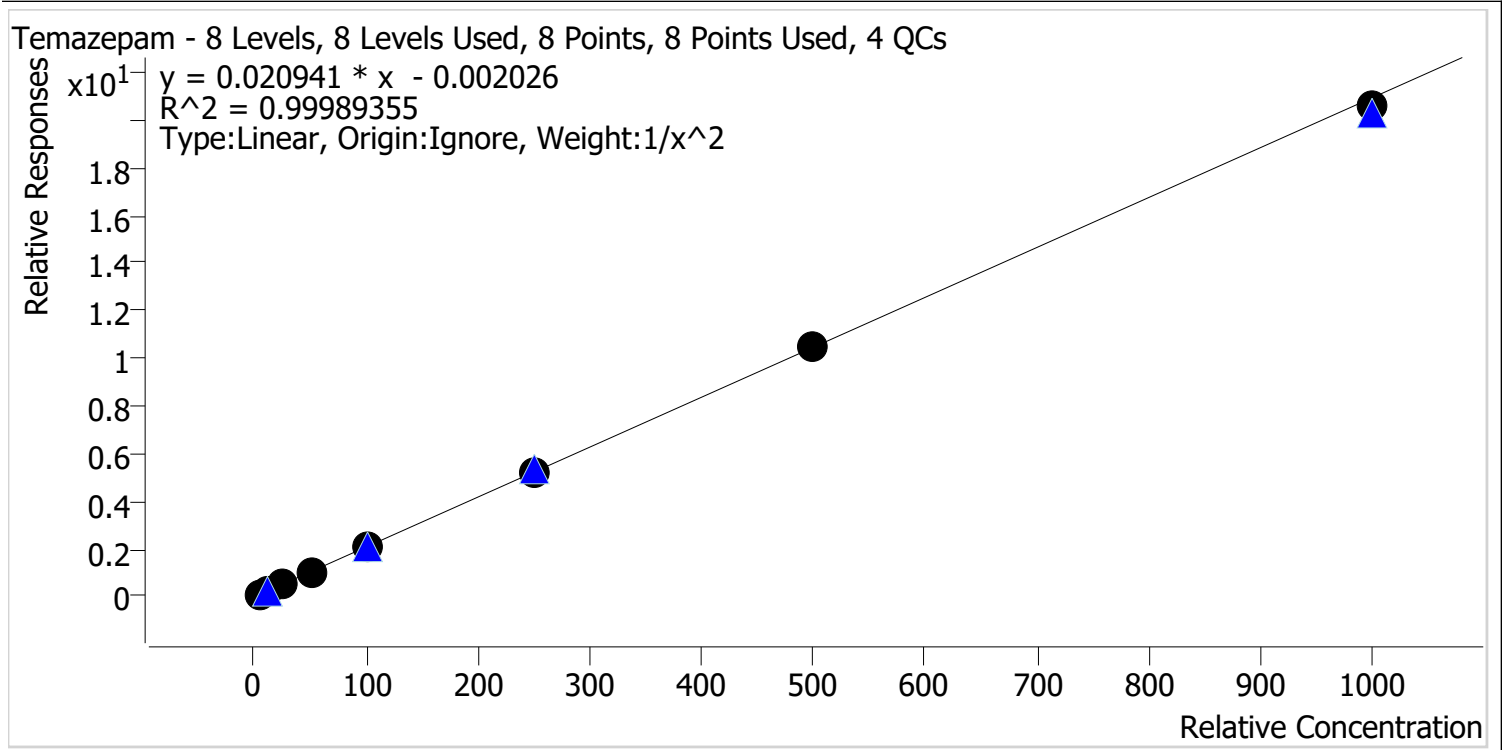
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Temazepam **Internal Standard** Temazepam-D5



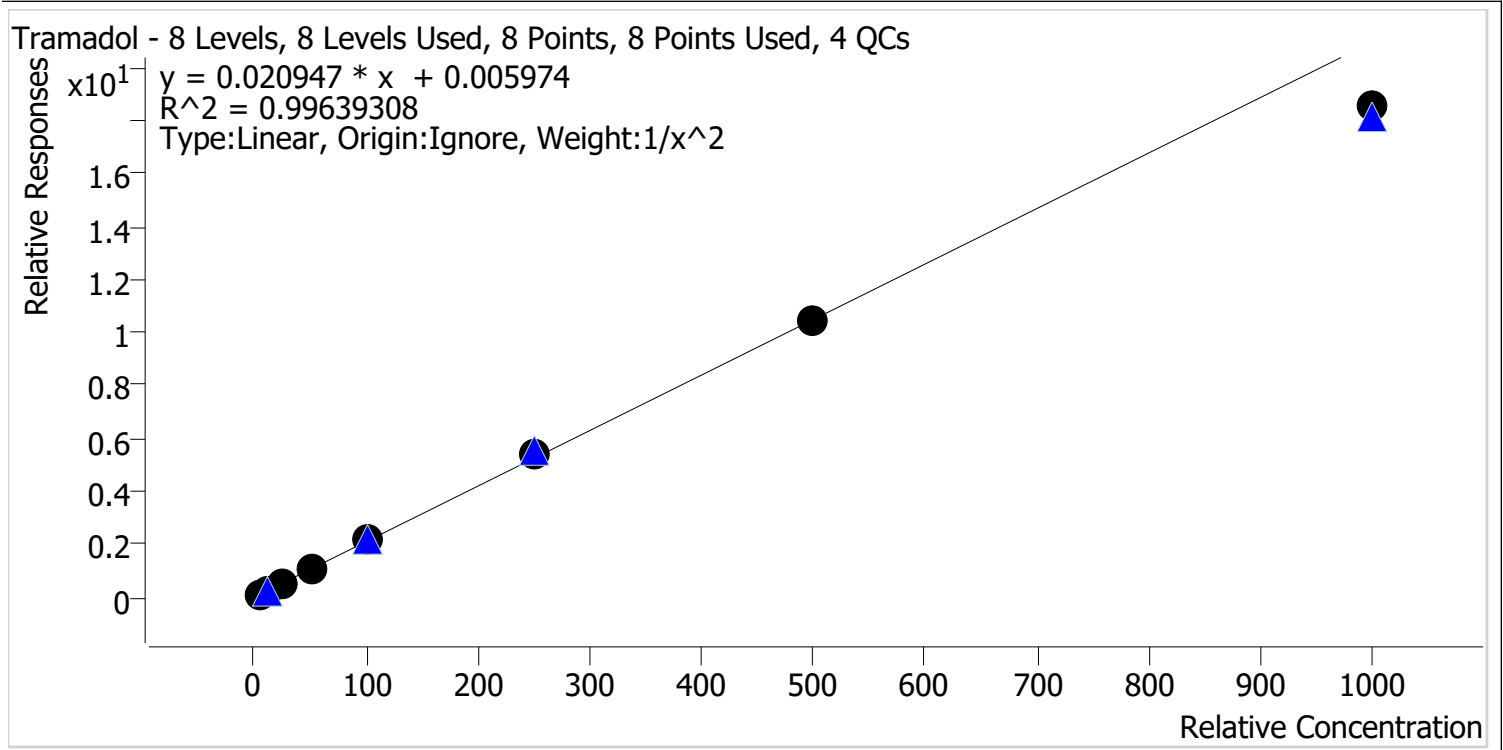
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	499.8	100.0
p1 Cal 8-1000ng	8	✓	1000.0	983.0	98.3



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



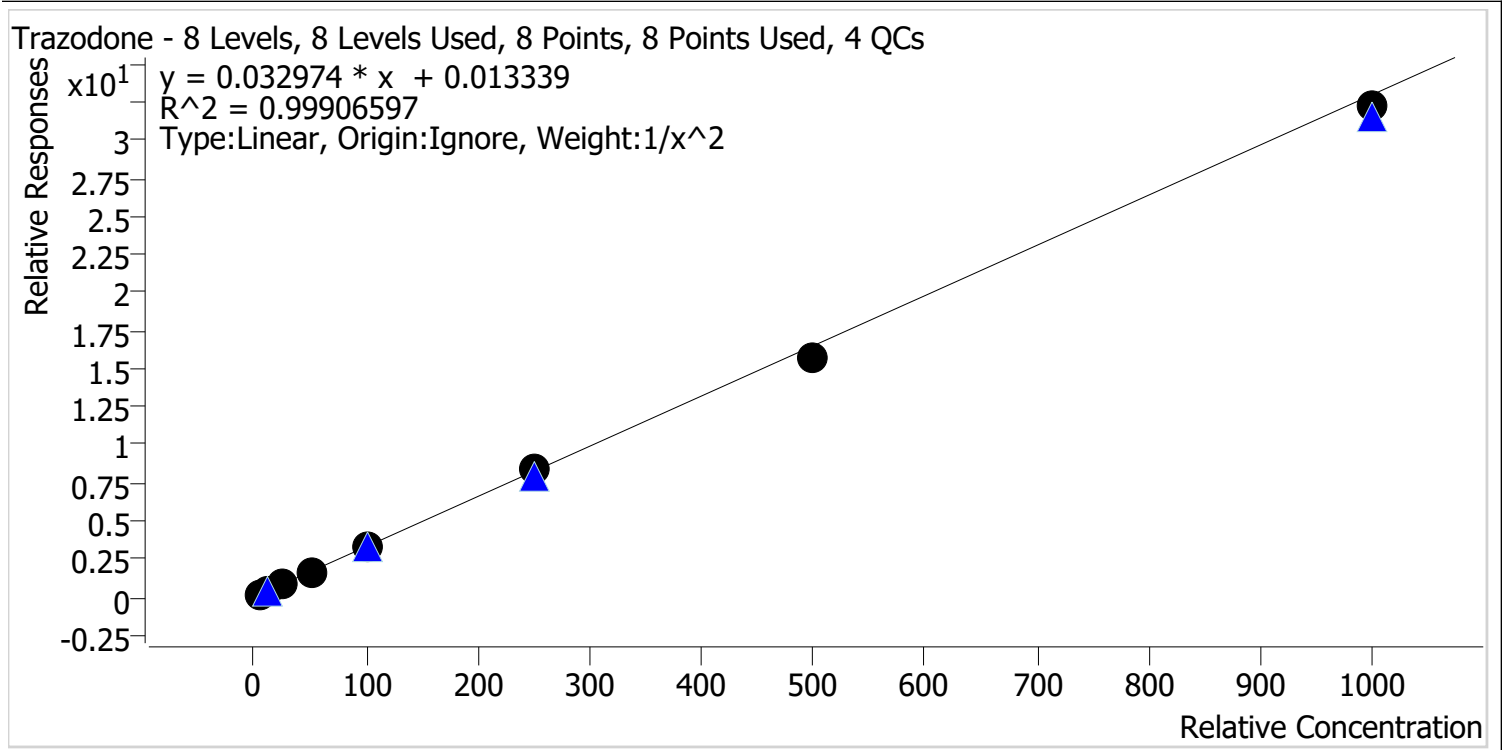
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	52.0	103.9
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng	8	✓	1000.0	884.3	88.4



CS
TS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
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	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	478.5	95.7
p1 Cal 8-1000ng	8	✓	1000.0	977.0	97.7



CS
TS

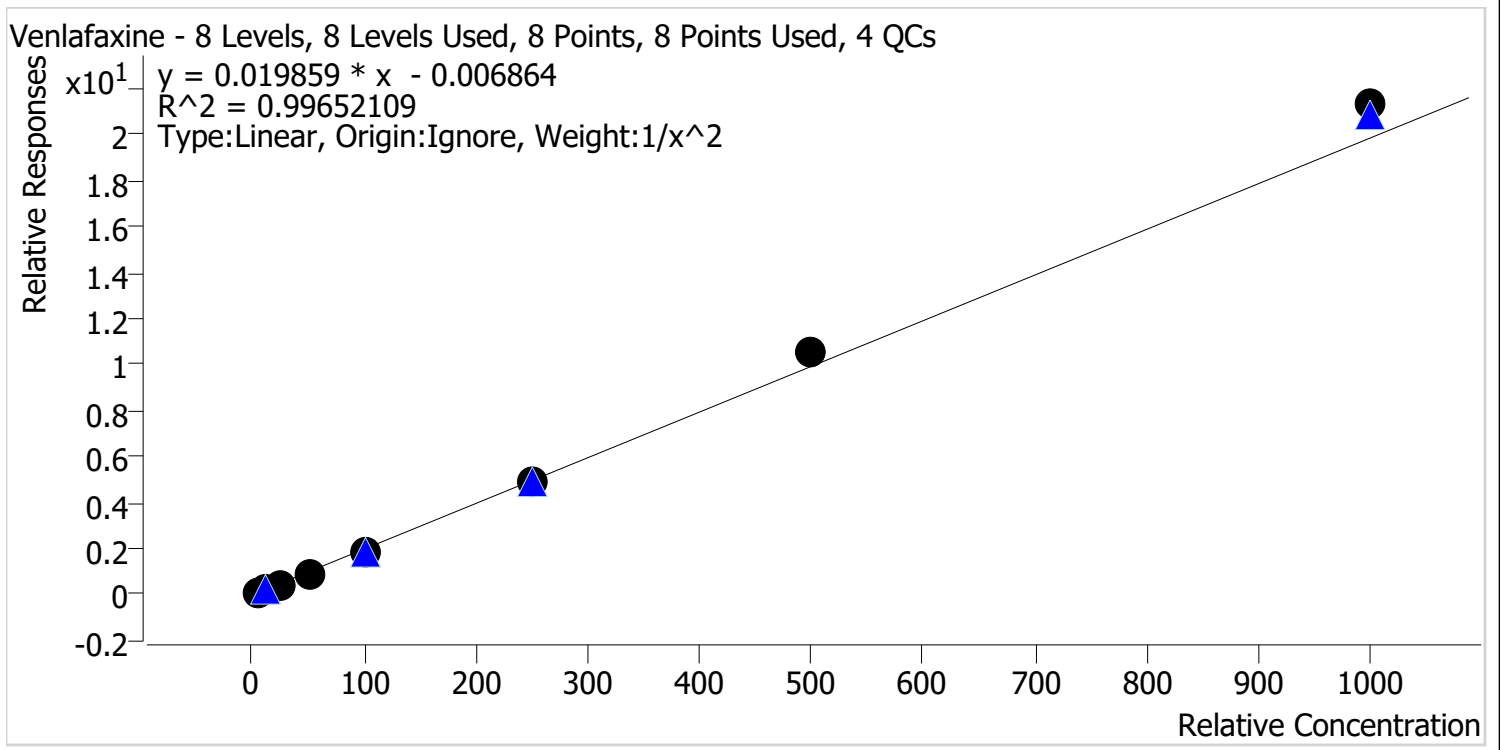
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin

Last Cal. Update 9/1/2022 9:59 AM

Analyst Name ISP\datastor

Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



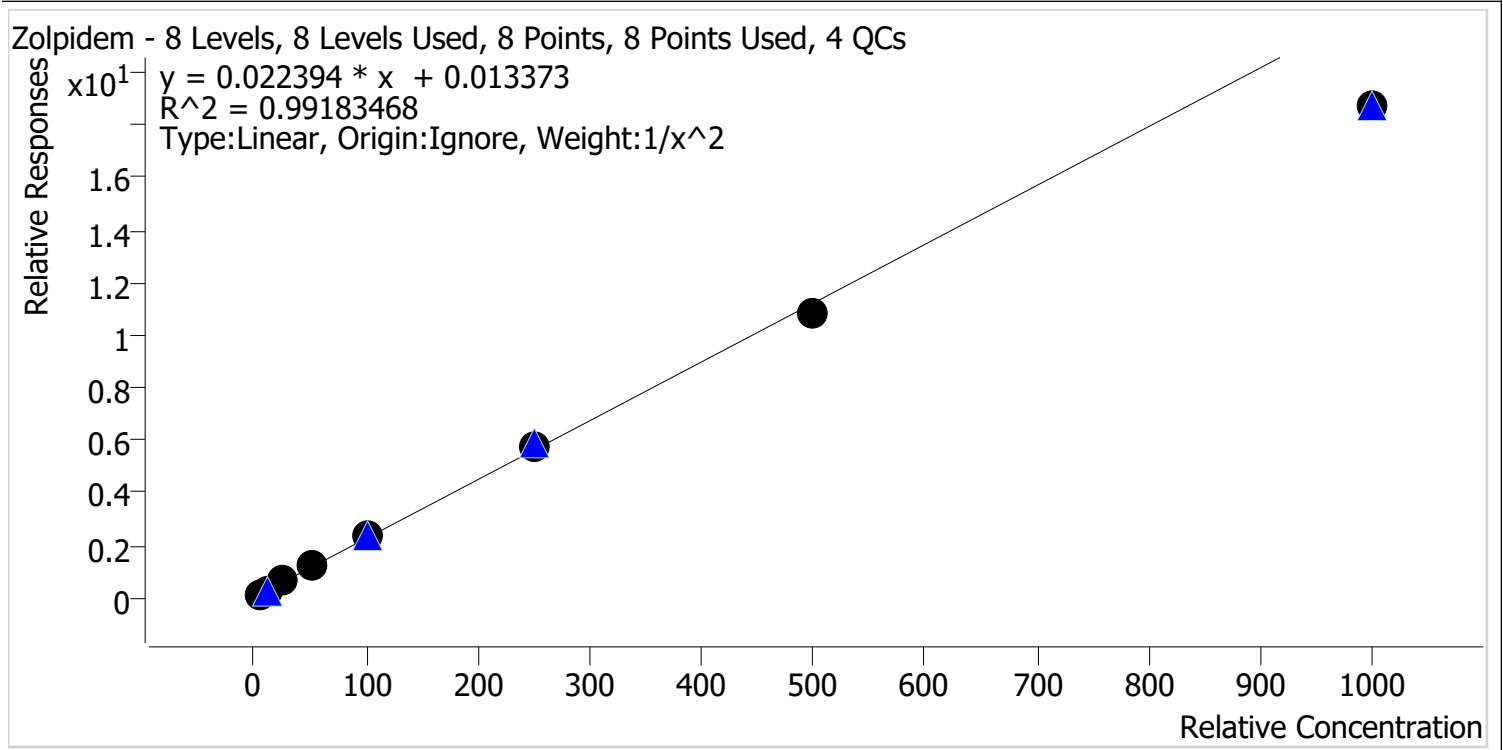
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	531.4	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1073.9	107.4



TS CS

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Last Cal. Update 9/1/2022 9:59 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	256.1	102.5
p1 Cal 7-500ng	7	✓	500.0	479.8	96.0
p1 Cal 8-1000ng	8	✓	1000.0	834.7	83.5

TS CS

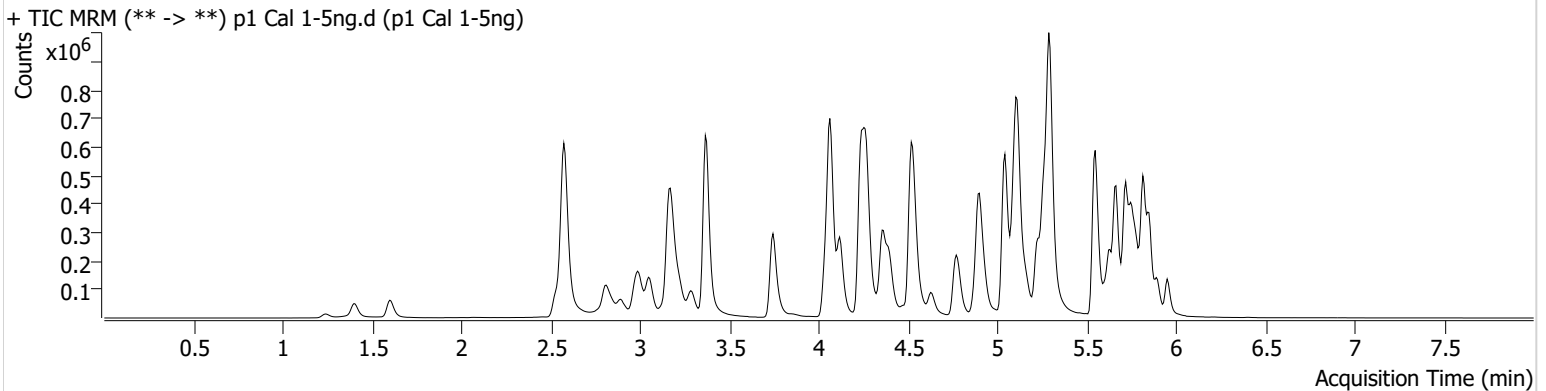


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-A1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 8:00:10 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1378	3056.68	69.4	1323.23	58276	0.5112 ng/ml
7-aminoclonazepam	4.265	17419	71.95	70.4	79.81	147456	4.8425 ng/ml
a-hydroxyalprazolam	5.695	11103	74.99	73.6	83.12	268186	4.7399 ng/ml
alpha-PHP	4.935	22789	571.49	257.8	17386.65	641247	4.8387 ng/ml
alpha-PVP	4.370	86273	755.83	52.2	512.45	641247	5.0598 ng/ml
Alprazolam	5.779	38776	218.76	105.3	576.94	268186	5.0425 ng/ml
Amphetamine	3.057	180882	1556.94	47.4	476.97	323772	4.7949 ng/ml
Benzoylcegonine	3.884	1756	23.41	7.3	9.45	11203	5.2451 ng/ml
Buprenorphine	5.836	1839	135.49	11.7 Low	22.88	125363	0.7192 ng/ml
Bupropion	4.785	92790	4505.97	70.2	300.12	512709	4.9942 ng/ml
Carisoprodol	5.727	39910	42631.89	56.5	42.84	313043	5.1866 ng/ml
Chlordiazepoxide	5.854	25152	2067.53	63.5	377.99	534682	4.7499 ng/ml
Chlorpheniramine	5.117	132753	1138.12	0.3	31.78	1172865	5.0338 ng/ml
Citalopram	5.225	64669	459.09	33.3	166.35	526241	5.0830 ng/ml
Clonazepam	5.607	39006	144.84	35.1	3813.70	100474	4.8093 ng/ml
Clonazolam	5.551	29121	52958.31	35.2	13579.59	100474	4.8905 ng/ml
Cocaine	4.264	57364	80642.67	57.6	181.20	988132	5.0290 ng/ml
Codeine	2.586	7581	1583.02	102.5	78448.05	63644	4.7333 ng/ml
Cyclobenzaprine	5.631	46490	265.46	8.3	82.19	372464	5.1812 ng/ml
Dextromethorphan	5.268	35742	26744.34	88.9	124.80	331790	4.9698 ng/ml
Dextrorphan	4.124	23181	472.81	194.7	658.46	491111	5.1501 ng/ml
Diazepam	5.957	24200	122.47	91.7	147.18	211044	4.9496 ng/ml
Dihydrocodeine	2.558	17162	195.89	70.7	222.05	205589	4.7666 ng/ml
Diphenhydramine	5.296	178100	6643.15	30.0	7423.57	1941354	5.1239 ng/ml
Doxylamine	4.538	178215	9565.59	95.8	1529.14	1578708	5.0446 ng/ml
Duloxetine	5.657	5026	320.47	10.0	69.54	42413	5.1748 ng/ml
EDDP	5.261	66229	1750.35	43.0	5894.04	666556	5.0427 ng/ml
Etizolam	5.817	20228	144.13	27.6	4924.19	100474	5.2007 ng/ml
Fentanyl	5.101	5654	100.76	65.9	11266.99	581139	0.4860 ng/ml
Flualprazolam	5.708	13818	358.87	108.4	1805.26	268186	4.5965 ng/ml
Fluoxetine	5.717	61237	582.49	8.0	101.35	400090	5.1678 ng/ml
Hydrocodone	3.026	27368	74.82	37.2	70.14	279515	4.8106 ng/ml
Hydromorphone	1.609	24296	1010.41	80.2	4696.76	151241	4.9921 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	58315	1121.43	70.9	1265.20	331790	5.1466 ng/ml
Ketamine	4.050	63369	206.13	33.5	39.06	464901	4.7951 ng/ml
Lamotrigine	4.281	4958	211.59	94.1	1512.80	1610314	4.8236 ng/ml
Lorazepam	5.750	36988	2304.07	50.5	102.24	456198	4.6843 ng/ml
MDA	3.198	105881	418.75	28.0	242.91	416251	4.7139 ng/ml
MDMA	3.292	61604	2375.61	87.5	558.88	114356	5.0115 ng/ml
Meprobamate	4.901	23114	1797.23	28.7	81.61	242598	4.9010 ng/ml
Methadone	5.662	100209	6293.60	55.2	1020.19	730919	5.0837 ng/ml
Methamphetamine	3.226	118085	160.24	37.5	274.74	1024941	4.8943 ng/ml
Metoprolol	4.327	16270	18648.76	102.2	2498.17	1244339	4.7828 ng/ml
Mirtazapine	4.627	118616	1894.60	58.4	1039.07	641247	4.9623 ng/ml
Mitragynine	5.236	20305	322.78	33.2	304.90	730919	4.7793 ng/ml
Morphine	1.253	4051	356.02	28.9	130.61	10604	4.8656 ng/ml
Norbuprenorphine	4.990	323	79.84	94.6	113.19	20115	0.4877 ng/ml
Nordiazepam	5.897	26824	415.55	55.3	711.28	164172	4.9184 ng/ml
Norfentanyl	4.085	14995	742.64	38.2	31.10	1096496	0.5167 ng/ml
Norhydrocodone	3.074	4123	110.49	34.5	102.97	68352	5.2015 ng/ml
Noroxycodone	2.917	27673	368.96	46.9	196.33	146583	5.0002 ng/ml
O-desmethyl-tramadol	3.372	143103	5868.46	5.9	213.64	1517784	5.0881 ng/ml
o-desmethylvenlafaxine	4.069	204702	10458.14	14.9	234.30	288825	5.1460 ng/ml
Olanzapine	4.475	41230	3032.04	56.0	280.01	194611	4.9567 ng/ml
Oxazepam	5.753	46804	648.50	71.4	54.38	456198	4.9737 ng/ml
Oxycodone	2.835	51527	318.51	31.6	191.06	375096	4.8356 ng/ml
Oxymorphone	1.405	23464	156.22	47.1	246.38	130982	5.1259 ng/ml
Phentermine	3.780	35629	140.36	6.0	34.71	814106	4.7608 ng/ml
Promethazine	5.547	110363	1475.70	30.6	83.74	984040	5.0955 ng/ml
Pseudoephedrine	2.583	170179	2950.66	16.9	999.56	1610314	5.1349 ng/ml
Quetiapine	5.557	78833	2967.08	58.1	186.23	202241	4.8686 ng/ml
Sertraline	5.786	16525	170.29	103.4	44654.18	134722	5.0466 ng/ml
Temazepam	5.820	76804	213.56	28.5	207.27	750698	4.9825 ng/ml
Tramadol	4.246	134097	232.56	3.7	69.26	1244339	4.8595 ng/ml
Trazodone	5.155	94158	4757.10	63.1	56188.72	536962	4.9134 ng/ml
Venlafaxine	5.042	126456	405.25	33.3	99.46	1316800	5.1813 ng/ml
Zolpidem	4.918	117435	234768.57	29.8	1224.83	966170	4.8305 ng/ml

TS CS

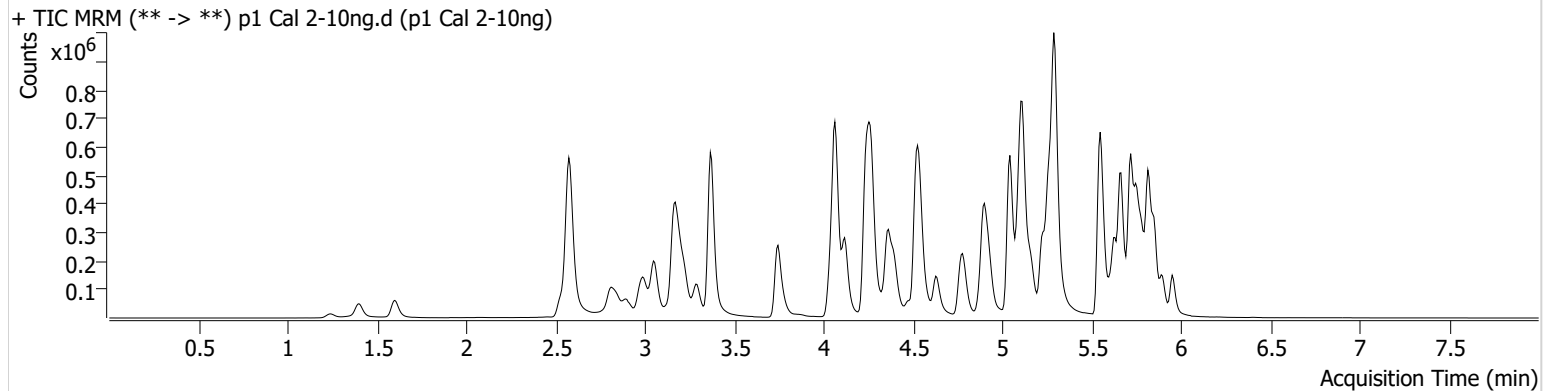


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-B1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 8:10:57 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	2157	4307.95	67.6	1257.92	49577	0.9678 ng/ml
7-aminoclonazepam	4.265	33767	3350.64	65.6	74.54	138579	10.4479 ng/ml
a-hydroxyalprazolam	5.695	19599	128.07	72.3	216.40	234818	10.5561 ng/ml
alpha-PHP	4.935	39598	405.00	261.5	5931.47	552588	10.2923 ng/ml
alpha-PVP	4.370	149842	430.10	50.6	232.77	552588	9.9052 ng/ml
Alprazolam	5.779	68651	542.49	107.6	328.89	234818	9.8765 ng/ml
Amphetamine	3.057	305552	679.80	46.8	1043.22	280893	10.4132 ng/ml
Benzoylcegonine	3.877	2711	21.70	10.3	∞	10041	9.1487 ng/ml
Buprenorphine	5.836	3413	61.43	18.3	809.21	121453	1.1644 ng/ml
Bupropion	4.785	157573	356.75	72.0	538.40	444780	9.9602 ng/ml
Carisoprodol	5.727	66021	255.28	62.9	83.42	264151	9.6995 ng/ml
Chlordiazepoxide	5.854	43439	1829.89	61.9	426.62	455201	10.6253 ng/ml LINE
Chlorpheniramine	5.117	248062	2521.16	0.3	17.28	1076907	10.0163 ng/ml
Citalopram	5.225	118855	3977.01	33.4	37847.02	489884	9.7402 ng/ml
Clonazepam	5.607	71113	2003.90	34.8	177.24	90632	10.5575 ng/ml
Clonazolam	5.551	48448	1457.55	35.2	478.89	90632	10.1468 ng/ml
Cocaine	4.264	98799	23073.72	56.3	34801.09	838657	9.9951 ng/ml
Codeine	2.586	12199	263.23	107.4	18762.18	55132	10.2586 ng/ml
Cyclobenzaprine	5.631	93275	41210.11	9.2	121.07	389648	9.5512 ng/ml
Dextromethorphan	5.268	66600	19896.94	86.4	114059.10	298324	10.1757 ng/ml
Dextrorphan	4.118	39010	984.26	207.2	4804.49	433646	9.5796 ng/ml
Diazepam	5.957	46408	149.84	88.7	432.29	199933	10.1601 ng/ml
Dihydrocodeine	2.558	29902	938.60	69.1	468.23	175276	10.5623 ng/ml
Diphenhydramine	5.296	313695	7393.00	30.5	134.87	1718798	9.7819 ng/ml
Doxylamine	4.538	317816	2686.22	95.6	4500.27	1408028	9.9245 ng/ml
Duloxetine	5.657	9456	5341.94	11.9	1283.16	47787	9.2992 ng/ml
EDDP	5.261	124656	250.89	42.2	847.42	623305	9.9758 ng/ml
Etizolam	5.817	35891	53622.57	27.3	16996.67	90632	9.8371 ng/ml
Fentanyl	5.101	10557	237.00	66.7	7195.15	556970	1.0226 ng/ml
Flualprazolam	5.701	27024	576.65	94.3	187.77	234818	11.1717 ng/ml
Fluoxetine	5.717	129694	6228.51	7.5	11756.15	440349	9.6369 ng/ml
Hydrocodone	3.026	46937	121.51	36.3	108.64	242548	10.3102 ng/ml
Hydromorphone	1.609	42302	8804.74	78.8	6121.58	129841	10.1053 ng/ml

TS

CS

AM #28 Multi-Drug Quant. Results



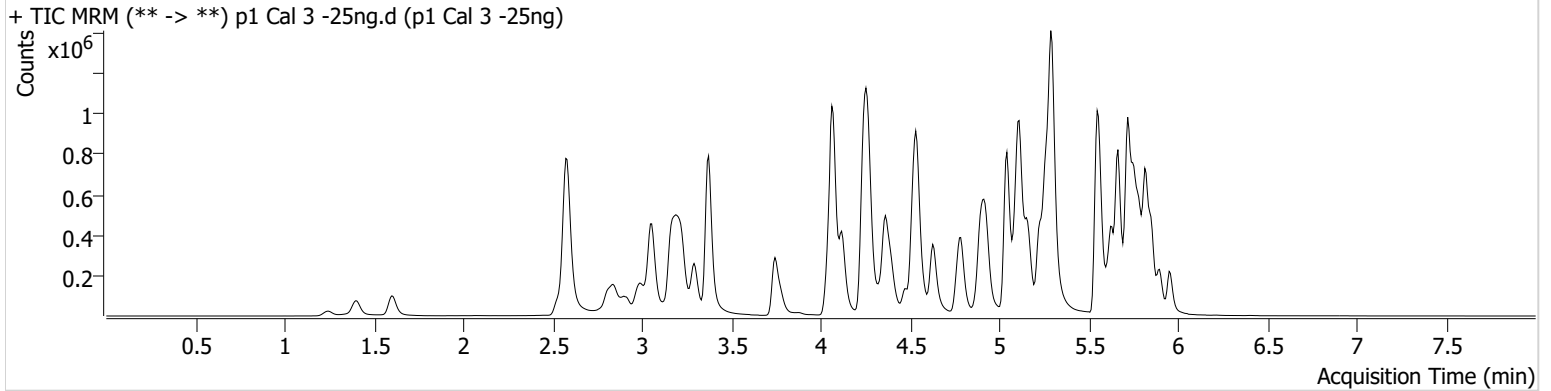
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	109558	1729.16	71.7	1370.70	298324	9.9721 ng/ml
Ketamine	4.050	104056	510.47	35.0	295.15	390160	10.3676 ng/ml
Lamotrigine	4.281	8531	506.24	89.7	3065.95	1340357	10.3311 ng/ml
Lorazepam	5.750	70953	1322.51	52.7	63.88	428986	10.7769 ng/ml
MDA	3.198	180638	1761.36	28.5	407.67	362137	10.5619 ng/ml
MDMA	3.292	105518	3756.59	86.1	548.40	98556	9.9456 ng/ml
Meprobamate	4.901	36724	1332.96	28.9	140.56	210435	9.9641 ng/ml
Methadone	5.662	189905	4117.19	53.8	1431.19	687164	9.9054 ng/ml
Methamphetamine	3.226	192838	2336.89	38.8	276.46	884900	10.1171 ng/ml
Metoprolol	4.327	27555	9909.90	101.8	2445.77	1061359	10.4075 ng/ml
Mirtazapine	4.627	216519	9742.32	57.5	4088.17	552588	10.3965 ng/ml
Mitragynine	5.236	40765	1586.74	35.3	14562.07	687164	10.5047 ng/ml
Morphine	1.247	7292	2075.95	27.9	42.85	9047	10.6905 ng/ml
Norbuprenorphine	4.997	485	387.02	91.7	592.80	17193	1.0352 ng/ml
Nordiazepam	5.897	51670	9504.16	56.6	285.15	152449	10.3277 ng/ml
Norfentanyl	4.085	26257	44.41	36.5	144.91	939833	0.9726 ng/ml
Norhydrocodone	3.067	6693	55.10	38.4	71.95	58696	9.5036 ng/ml
Noroxycodone	2.911	46012	981.26	47.8	12.51	125734	9.9818 ng/ml
O-desmethyl-tramadol	3.372	237006	807.84	5.8	139.37	1259770	9.8474 ng/ml
o-desmethylvenlafaxine	4.069	344914	66201.81	15.2	387.14	247757	9.7694 ng/ml
Olanzapine	4.475	73607	132123.95	56.8	424.91	169908	10.1874 ng/ml
Oxazepam	5.753	85629	1276.91	73.2	452.59	428986	9.9565 ng/ml
Oxycodone	2.835	89278	739.09	31.3	408.84	324035	10.2994 ng/ml
Oxymorphone	1.405	38962	598.12	50.1	420.39	119635	9.5083 ng/ml
Phentermine	3.780	60043	872.59	5.3	57.32	691431	10.4525 ng/ml
Promethazine	5.547	213752	1330.13	30.9	509.78	947328	9.8590 ng/ml
Pseudoephedrine	2.583	286795	4225.16	16.7	3719.79	1340357	9.8745 ng/ml
Quetiapine	5.557	146946	9091.66	59.4	1421.79	196644	10.1041 ng/ml
Sertraline	5.786	40640	130.38	98.8	126.13	164500	9.9152 ng/ml
Temazepam	5.820	142270	1769.17	29.0	81.45	682660	10.0490 ng/ml
Tramadol	4.246	235698	63.64	3.7	226.69	1061359	10.3165 ng/ml
Trazodone	5.155	170843	988.08	63.0	151.03	490789	10.1523 ng/ml
Venlafaxine	5.042	212956	350.17	35.6	212.20	1162994	9.5659 ng/ml
Zolpidem	4.918	200288	193484.81	28.7	2654.35	823018	10.2699 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Celena Shrum
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	8/26/2022 8:21:34 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	5921	7112.34	72.3	87.17	54535	2.4631 ng/ml
7-aminoclonazepam	4.265	89251	∞	69.9	1864.36	153193	25.5823 ng/ml
a-hydroxyalprazolam	5.695	50876	475.23	69.2	319.72	245900	27.6229 ng/ml
alpha-PHP	4.935	109232	260.98	260.5	2034.62	613635	26.3483 ng/ml
alpha-PVP	4.370	419753	15148.92	50.7	2670.36	613635	24.5477 ng/ml
Alprazolam	5.779	183074	577.11	104.4	716.63	245900	24.6673 ng/ml
Amphetamine	3.057	814953	3791.72	46.8	545.33	308925	26.8741 ng/ml
Benzoylcegonine	3.877	7480	23573.32	9.6	22.46	10590	24.1965 ng/ml
Buprenorphine	5.836	9243	252.55	17.5	1837.40	131681	2.5596 ng/ml
Bupropion	4.785	435046	23885.33	70.9	1240.45	492733	25.1094 ng/ml
Carisoprodol	5.727	165412	407.49	63.4	1508.75	267982	23.2371 ng/ml
Chlordiazepoxide	5.854	113841	5214.71	66.0	515.93	509673	26.1590 ng/ml NE
Chlorpheniramine	5.117	646423	7580.56	0.3	49.06	1153899	24.0443 ng/ml
Citalopram	5.225	328919	1009.66	31.8	2203.69	526065	24.6233 ng/ml
Clonazepam	5.607	183143	3236.23	36.4	839.92	99882	25.7676 ng/ml
Clonazolam	5.551	127816	181616.95	35.0	56303.81	99882	26.1505 ng/ml
Cocaine	4.264	267495	13370.52	56.9	11050.38	911809	24.5862 ng/ml
Codeine	2.586	32540	4059.77	100.8	505.35	58901	28.1736 ng/ml
Cyclobenzaprine	5.631	268885	367875.41	8.5	162.34	437959	23.8386 ng/ml
Dextromethorphan	5.268	181158	20257.05	87.1	813.62	332055	24.7006 ng/ml
Dextrorphan	4.124	111370	1561.63	198.6	7622.32	479196	24.3371 ng/ml
Diazepam	5.957	119146	385.61	91.6	561.00	210551	24.9665 ng/ml
Dihydrocodeine	2.558	80341	12465.62	69.0	7019.97	195661	26.5301 ng/ml
Diphenhydramine	5.296	857551	16450.73	30.6	11091.03	1884694	23.7659 ng/ml
Doxylamine	4.538	816119	14416.88	97.4	3791.68	1457431	24.3809 ng/ml
Duloxetine	5.657	29722	1749.47	13.0	413.06	60590	24.5030 ng/ml
EDDP	5.261	339893	728.18	42.4	6210.45	682884	24.5712 ng/ml
Etizolam	5.817	91764	543.78	28.0	3731.98	99882	22.2860 ng/ml
Fentanyl	5.101	28885	339.59	61.7	8016.22	623406	2.6150 ng/ml
Flualprazolam	5.708	66034	3493.63	100.7	1173.90	245900	27.0469 ng/ml
Fluoxetine	5.717	369634	15695.59	7.9	28628.01	503243	23.5362 ng/ml
Hydrocodone	3.026	127872	160.32	36.9	1940.27	266163	26.8151 ng/ml
Hydromorphone	1.609	113642	192891.19	80.0	3554.39	140558	25.0504 ng/ml

TS CS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	299524	3702.69	70.9	720.73	332055	23.4491 ng/ml
Ketamine	4.050	285128	9950.36	33.8	178.78	436699	26.8730 ng/ml
Lamotrigine	4.281	23404	443.16	88.1	296.05	1465030	26.4405 ng/ml
Lorazepam	5.750	169343	2169.48	56.4	507.97	433376	27.0605 ng/ml
MDA	3.198	476600	1577.27	28.3	405.46	392682	27.6648 ng/ml
MDMA	3.292	291202	5314.09	86.9	2053.88	106954	25.2700 ng/ml
Meprobamate	4.901	102123	773.00	29.6	480.03	231248	27.0310 ng/ml
Methadone	5.662	520074	28951.33	55.8	4659.44	766469	23.8302 ng/ml
Methamphetamine	3.226	526875	767.73	38.6	240.48	981809	26.3239 ng/ml
Metoprolol	4.327	74725	154756.28	102.1	658.81	1183645	26.6309 ng/ml
Mirtazapine	4.627	568215	30127.90	56.3	2642.61	613635	24.4293 ng/ml
Mitragynine	5.236	112268	78791.67	35.8	74270.83	766469	26.3236 ng/ml
Morphine	1.247	17258	716.84	31.4	38.11	9966	23.4102 ng/ml
Norbuprenorphine	4.997	1205	2362.52	93.3	283.74	18581	2.6869 ng/ml
Nordiazepam	5.897	135491	1743.09	57.1	540.32	167397	24.8246 ng/ml
Norfentanyl	4.085	71194	381.64	35.2	247.26	1005712	2.3420 ng/ml
Norhydrocodone	3.074	16378	294.04	39.7	83.41	58370	22.8421 ng/ml
Noroxycodone	2.917	122112	1448.78	48.6	954.56	134630	25.1968 ng/ml
O-desmethyl-tramadol	3.372	656011	2519.51	5.9	458.32	1387687	24.2800 ng/ml
o-desmethylvenlafaxine	4.069	927170	211656.58	15.1	808.94	268476	23.7144 ng/ml
Olanzapine	4.468	194598	33909.56	59.0	1119.10	183682	24.9849 ng/ml
Oxazepam	5.753	217285	1380.78	74.1	762.04	433376	25.4564 ng/ml
Oxycodone	2.835	241297	1380.97	30.5	1023.15	352966	26.4399 ng/ml
Oxymorphone	1.405	105555	410.83	47.4	386.93	126717	24.6810 ng/ml
Phentermine	3.780	164780	∞	5.4	204.12	773286	27.1350 ng/ml
Promethazine	5.547	602092	28798.24	32.3	1978.97	1076943	23.8553 ng/ml
Pseudoephedrine	2.589	763745	1393.95	17.5	3089.65	1465030	23.3263 ng/ml
Quetiapine	5.557	378207	7478.48	57.2	407938.96	200561	26.7783 ng/ml
Sertraline	5.786	133091	520.40	95.4	5272.86	212094	24.8055 ng/ml
Temazepam	5.820	369353	387.36	28.3	178.30	709950	24.9410 ng/ml
Tramadol	4.246	650442	539.38	3.3	101.22	1183645	25.9489 ng/ml
Trazodone	5.155	476002	1778.43	62.3	1501.59	545959	26.0367 ng/ml
Venlafaxine	5.042	595274	6941.15	34.3	697.28	1271754	23.9149 ng/ml
Zolpidem	4.918	551461	5312.36	28.5	957.85	913831	26.3501 ng/ml

TS

CS

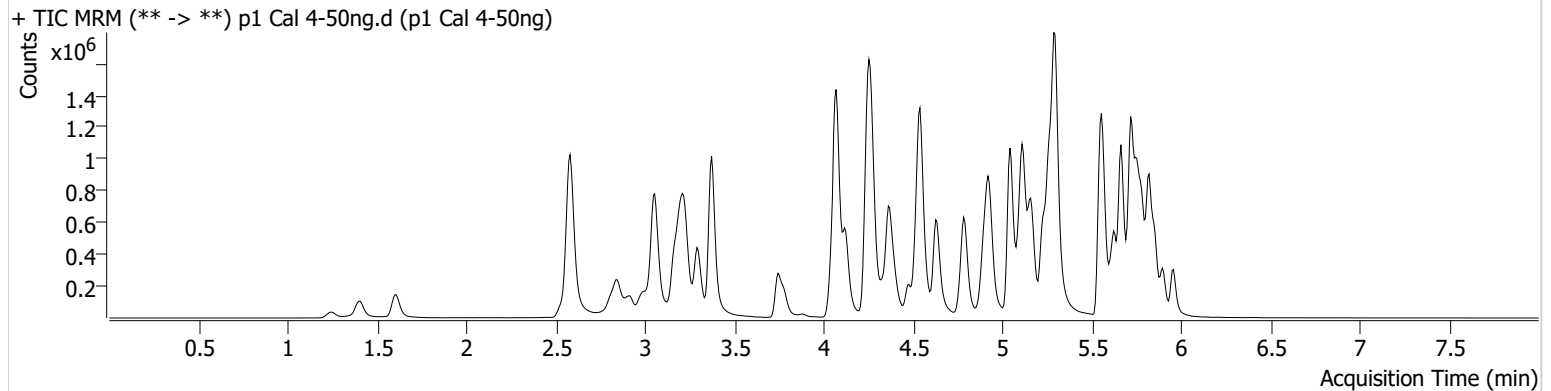


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-D1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 8:32:11 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	10995	251.17	70.8	160.54	52448	4.7856 ng/ml
7-aminoclonazepam	4.265	126796	181.27	71.6	72.41	108074	51.9554 ng/ml
a-hydroxyalprazolam	5.695	90668	782.79	70.4	415.63	233294	52.7529 ng/ml
alpha-PHP	4.935	205340	3321.70	261.1	12356.04	579691	52.9528 ng/ml
alpha-PVP	4.370	784760	562.69	51.4	1150.58	579691	48.2989 ng/ml
Alprazolam	5.779	349397	2618.02	107.1	568.62	233294	49.3050 ng/ml
Amphetamine	3.057	1518165	1217.69	45.4	2051.41	290247	54.4027 ng/ml
Benzoylecgonine	3.884	16099	3916.73	8.7	146.83	11271	49.0997 ng/ml
Buprenorphine	5.836	17380	623.15	16.4	4184.08	124755	4.8511 ng/ml
Bupropion	4.792	825934	1164.26	70.9	6696.11	465478	50.6552 ng/ml
Carisoprodol	5.727	308192	15799.60	62.2	1830.72	245886	46.6828 ng/ml
Chlordiazepoxide	5.854	206881	10098.80	66.7	564.10	451409	54.6859 ng/ml
Chlorpheniramine	5.117	1173505	10816.60	0.3	54.61	1006124	49.8222 ng/ml
Citalopram	5.225	612160	7119.00	32.5	6278.21	487604	49.1367 ng/ml
Clonazepam	5.607	331651	1768.04	34.8	14566.39	91763	51.5873 ng/ml
Clonazolam	5.551	235462	393739.72	34.8	29866.78	91763	53.7784 ng/ml
Cocaine	4.264	495433	18241.74	57.4	1464.16	845442	48.9074 ng/ml
Codeine	2.586	59047	81.67	99.4	487.36	54714	56.6676 ng/ml
Cyclobenzaprine	5.631	425483	17041.58	8.2	119.70	338627	48.3479 ng/ml
Dextromethorphan	5.275	332452	345.36	83.3	3620.15	299795	50.0882 ng/ml
Dextrorphan	4.124	208442	6453.38	199.1	2652.82	449507	48.2996 ng/ml
Diazepam	5.957	226025	∞	89.7	790.04	195999	51.0217 ng/ml
Dihydrocodeine	2.558	147984	357.39	70.0	1058.80	181923	53.3293 ng/ml
Diphenhydramine	5.296	1598822	55421.80	30.9	220.53	1727326	47.9159 ng/ml
Doxylamine	4.538	1489769	6366.65	95.2	17232.31	1311766	49.2808 ng/ml
Duloxetine	5.657	38270	789.35	12.3	207.55	38035	51.2914 ng/ml
EDDP	5.261	645974	35945.73	43.2	206.41	659120	48.2149 ng/ml
Etizolam	5.817	175642	4707.71	28.8	33304.40	91763	45.9912 ng/ml
Fentanyl	5.101	51445	8900.35	64.1	36318.68	557810	5.2842 ng/ml
Flualprazolam	5.708	120967	6008.62	105.0	80296.03	233294	52.9074 ng/ml
Fluoxetine	5.717	487045	25262.15	7.4	439596.82	318518	48.6381 ng/ml
Hydrocodone	3.026	234192	245.68	38.1	139.80	248997	53.2837 ng/ml
Hydromorphone	1.609	206415	29.18	81.7	2868.87	133516	47.8838 ng/ml

TS CS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	514659	1145.15	71.7	7928.20	299795	43.9794 ng/ml
Ketamine	4.057	522958	∞	34.3	1163.64	417675	52.4785 ng/ml
Lamotrigine	4.281	42799	1431.23	88.6	10034.26	1354313	52.6341 ng/ml
Lorazepam	5.750	290939	5367.94	53.7	880.67	378093	54.4272 ng/ml
MDA	3.198	851899	5700.40	28.2	2643.52	363233	54.7373 ng/ml
MDMA	3.292	538968	3745.03	88.6	3161.16	102737	48.6768 ng/ml
Meprobamate	4.901	184636	162.16	29.3	114.04	215318	53.6044 ng/ml
Methadone	5.662	955151	3409.58	54.6	1141.48	681420	48.8694 ng/ml
Methamphetamine	3.226	975354	2119.65	39.0	404.33	936375	52.0028 ng/ml
Metoprolol	4.334	140898	480.47	102.3	1018.37	1123260	53.8257 ng/ml
Mirtazapine	4.627	1039073	41550.19	54.1	3154.79	579691	47.1927 ng/ml
Mitragynine	5.236	201898	1406.05	34.7	48682.93	681420	53.5169 ng/ml
Morphine	1.247	34897	647.66	28.5	489.58	9209	51.6802 ng/ml
Norbuprenorphine	4.997	2044	2183.91	98.3	2636.59	18480	4.7512 ng/ml
Nordiazepam	5.897	244669	559.58	56.1	3301.70	148471	50.6633 ng/ml
Norfentanyl	4.085	131277	162.35	36.0	413.27	919907	4.6405 ng/ml
Norhydrocodone	3.074	31278	314.78	37.0	55.70	50688	49.7892 ng/ml
Noroxycodone	2.917	219385	803.58	49.2	355.60	124018	49.4347 ng/ml
O-desmethyl-tramadol	3.372	1235468	2180.27	5.9	451.70	1310284	48.1226 ng/ml
o-desmethylvenlafaxine	4.069	1748474	71580.82	15.4	920.18	255511	46.6455 ng/ml
Olanzapine	4.475	321677	2963.48	57.8	2072.27	154350	49.1973 ng/ml
Oxazepam	5.753	377729	2061.26	74.0	1149.28	378093	51.0180 ng/ml
Oxycodone	2.842	446152	1740.06	31.2	7305.27	329162	53.0090 ng/ml
Oxymorphone	1.405	193606	∞	47.4	344.79	113163	50.9356 ng/ml
Phentermine	3.780	307556	5623.46	5.3	665.49	736054	54.1903 ng/ml
Promethazine	5.547	981010	16724.74	31.5	2019.43	848158	48.9383 ng/ml
Pseudoephedrine	2.589	1437964	18917.20	17.0	7813.67	1354313	46.9805 ng/ml
Quetiapine	5.564	648466	2702.65	58.9	15025.31	178541	52.3546 ng/ml
Sertraline	5.786	146223	12147.13	96.2	∞	118692	48.4620 ng/ml
Temazepam	5.820	669391	7162.34	27.6	339.33	632681	50.6218 ng/ml
Tramadol	4.246	1229518	393.95	3.5	83.90	1123260	51.9706 ng/ml
Trazodone	5.155	836063	197.13	63.8	27160.52	495646	50.7519 ng/ml
Venlafaxine	5.042	1134791	30238.37	35.1	1872.22	1212365	47.4775 ng/ml
Zolpidem	4.918	1037154	172706.97	28.5	3627.86	853723	53.6518 ng/ml

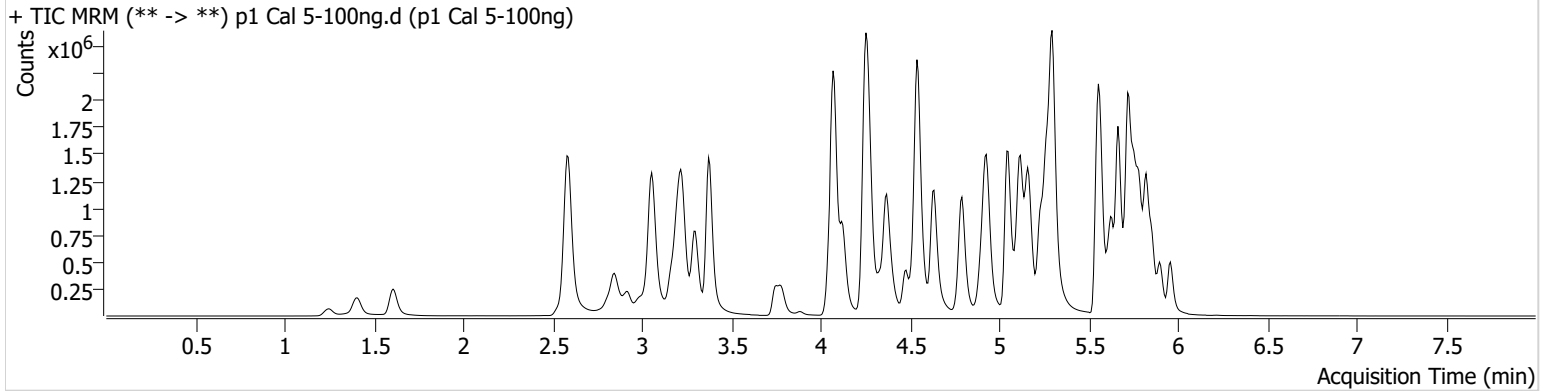
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-E1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 8:42:48 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	21822	487.55	68.5	602245.59	50012	9.9957 ng/ml
7-aminoclonazepam	4.265	268618	210.66	71.0	116.61	115951	103.0112 ng/ml
a-hydroxyalprazolam	5.695	157061	850.84	71.4	6663.28	208239	103.3031 ng/ml
alpha-PHP	4.935	379445	662.63	264.8	592.42	551142	103.4168 ng/ml
alpha-PVP	4.370	1524645	3354.69	50.7	3363.61	551142	98.3956 ng/ml
Alprazolam	5.779	651557	847.25	108.8	1382.27	208239	102.6661 ng/ml
Amphetamine	3.057	2690745	80257.81	45.6	732.22	284118	99.4233 ng/ml
Benzoylecgonine	3.884	31395	149.43	8.5	109.54	10521	102.7504 ng/ml
Buprenorphine	5.836	33436	85829.81	15.5	3852.51	117803	9.6418 ng/ml
Bupropion	4.792	1606016	1778.82	71.2	10121.43	451326	101.7797 ng/ml
Carisoprodol	5.727	509000	11893.14	62.4	773.57	198836	94.8353 ng/ml
Chlordiazepoxide	5.854	387494	5844.84	67.6	2380.89	442312	105.4113 ng/ml
Chlorpheniramine	5.117	2291656	7940.69	0.3	176.57	974898	100.1870 ng/ml
Citalopram	5.225	1164214	696.96	32.8	23395.34	448047	101.3750 ng/ml
Clonazepam	5.614	623380	10524.55	35.3	71025.53	85865	104.4533 ng/ml
Clonazolam	5.551	406221	486852.46	35.0	26790.14	85865	100.2785 ng/ml
Cocaine	4.271	925705	1639.25	57.6	1285.76	779285	98.9306 ng/ml
Codeine	2.586	107832	1870.05	101.0	7287.63	52985	108.3784 ng/ml
Cyclobenzaprine	5.631	893843	697.41	8.3	109.32	357624	95.7568 ng/ml
Dextromethorphan	5.275	613996	400.39	84.9	15925.29	280512	98.7532 ng/ml
Dextrorphan	4.124	398924	1490.45	202.1	1224.08	422479	98.0815 ng/ml
Diazepam	5.957	442900	1378.97	89.8	433.46	193862	101.2145 ng/ml
Dihydrocodeine	2.558	280105	830.38	69.4	536.47	178395	103.6704 ng/ml
Diphenhydramine	5.296	3073435	319710.22	30.9	85525.42	1614797	98.0886 ng/ml
Doxylamine	4.538	3038575	4834.55	94.1	11173.57	1300153	101.2407 ng/ml
Duloxetine	5.657	84512	2677.94	12.2	1460.82	42416	102.5288 ng/ml
EDDP	5.261	1211225	668.85	41.9	1206.19	600902	98.9817 ng/ml
Etizolam	5.817	331312	1081.65	27.8	112614.77	85865	92.3004 ng/ml
Fentanyl	5.108	98495	3379.51	67.9	214113.04	546441	10.4035 ng/ml
Flualprazolam	5.708	214498	4256.83	105.5	18674.50	208239	105.8266 ng/ml
Fluoxetine	5.724	979728	44213.10	7.6	244.29	322233	96.3823 ng/ml
Hydrocodone	3.026	445545	∞	37.7	1122.44	240494	105.7523 ng/ml
Hydromorphone	1.609	419755	1853.98	78.8	813725.94	130419	99.6661 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	1005633	16546.07	76.3	7089.34	280512	91.0615 ng/ml
Ketamine	4.057	999877	1083.59	33.9	4241.79	393551	107.5474 ng/ml
Lamotrigine	4.287	79357	993.52	89.0	122580.64	1259035	105.3131 ng/ml
Lorazepam	5.750	464835	2377.90	53.6	1191.88	320366	103.6677 ng/ml
MDA	3.205	1466765	2880.86	28.3	4663.13	337278	102.6686 ng/ml
MDMA	3.298	1037813	9095.28	88.5	3322.42	94825	101.5351 ng/ml
Meprobamate	4.908	319487	6069.73	29.3	2899.65	197007	102.4338 ng/ml
Methadone	5.662	1848414	68008.00	54.4	68617.75	658431	97.5367 ng/ml
Methamphetamine	3.226	1898710	6066.66	38.5	23008.60	918015	104.2083 ng/ml
Metoprolol	4.334	267019	3341.20	102.7	16573.61	1091967	105.8075 ng/ml
Mirtazapine	4.634	1980084	7701.75	55.4	1627.92	551142	94.4870 ng/ml
Mitragynine	5.236	379935	244988.08	34.6	6109.20	658431	104.4746 ng/ml
Morphine	1.247	68859	2879.35	29.0	198.58	9158	102.9189 ng/ml
Norbuprenorphine	5.004	3919	44.42	109.1	2410.77	18354	9.3881 ng/ml
Nordiazepam	5.904	469847	951.41	57.0	744.68	143288	100.9251 ng/ml
Norfentanyl	4.091	245378	12555.34	36.0	3237.27	823628	9.6010 ng/ml
Norhydrocodone	3.074	57041	141.96	40.8	204.50	45548	100.6639 ng/ml
Noroxycodone	2.917	402026	1148.33	49.0	354.60	111863	100.7513 ng/ml
O-desmethyl-tramadol	3.379	2410257	47323.45	5.9	325110.04	1252839	97.8671 ng/ml
o-desmethylvenlafaxine	4.076	3395254	71742.59	15.1	1572.29	240178	95.9861 ng/ml
Olanzapine	4.475	678439	1859.50	59.3	4303.48	158129	101.3332 ng/ml
Oxazepam	5.753	658138	206.54	70.6	267.23	320366	105.2215 ng/ml
Oxycodone	2.842	851820	1161.27	30.4	727.42	319305	104.9106 ng/ml
Oxymorphone	1.405	367711	∞	49.3	∞	111113	98.7417 ng/ml
Phentermine	3.780	572859	3488.28	5.3	341.10	714167	104.9689 ng/ml
Promethazine	5.547	2027337	16751.06	32.2	810.30	875511	97.5866 ng/ml
Pseudoephedrine	2.589	2729568	1037.16	17.1	240.10	1259035	95.3970 ng/ml
Quetiapine	5.564	1254243	501.87	59.1	28359.24	171598	106.2102 ng/ml
Sertraline	5.792	346433	3255.61	94.8	394256.91	136986	99.2244 ng/ml
Temazepam	5.820	1193315	1007.59	28.4	2301.45	565693	100.8331 ng/ml
Tramadol	4.253	2336134	350.57	3.5	276.58	1091967	101.8483 ng/ml
Trazodone	5.155	1618769	54598.10	65.8	1701.83	485522	100.7089 ng/ml
Venlafaxine	5.042	2173764	1012.59	33.9	17113.36	1140585	96.3115 ng/ml
Zolpidem	4.918	1972370	74630.76	28.4	477736.42	825471	106.0997 ng/ml

TS CS

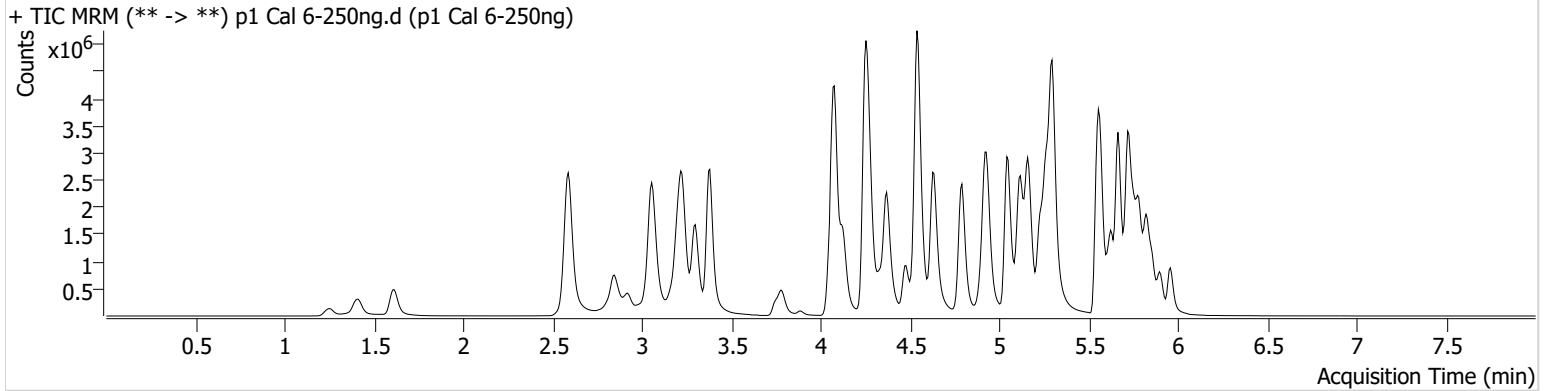


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 P1 Updated 082522.m	Operator	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	8/26/2022 8:53:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	53502	601.54	66.9	3861.58	47312	25.9566 ng/ml
7-aminoclonazepam	4.265	467506	7986.43	71.1	7236.18	82632	252.1956 ng/ml
a-hydroxyalprazolam	5.695	253661	1079.34	68.9	634.79	173775	200.8499 ng/ml
alpha-PPH	4.935	824785	4012.51	260.3	18633.14	491297	252.9327 ng/ml
alpha-PVP	4.370	3505796	2219.16	50.9	991.74	491297	253.3572 ng/ml
Alprazolam	5.779	1357291	1887.03	104.5	2424.16	173775	255.8174 ng/ml
Amphetamine	3.057	5272996	1606.39	45.7	2439.40	264417	210.6121 ng/ml
Benzoylcegonine	3.884	81315	993.21	8.1	12531.45	11233	249.4873 ng/ml
Buprenorphine	5.836	75954	12533.60	15.7	20587.16	104611	24.3015 ng/ml
Bupropion	4.792	3805375	113147.22	69.9	22469.91	429224	253.8666 ng/ml
Carisoprodol	5.727	863357	16631.55	63.6	7856.81	129014	247.1271 ng/ml
Chlordiazepoxide	5.854	717014	10348.70	73.3	1987.53	365986	236.9186 ng/ml
Chlorpheniramine	5.117	5296040	45871.94	0.3	173.28	897927	251.0479 ng/ml
Citalopram	5.225	2473076	140891.17	32.5	515428.64	379880	253.5319 ng/ml
Clonazepam	5.607	1120812	28317.84	34.7	13107.59	64935	249.4634 ng/ml
Clonazolam	5.551	671306	230243.45	36.6	316819.55	64935	220.7111 ng/ml
Cocaine	4.271	2025823	97987.16	57.7	72417.93	665299	253.2746 ng/ml
Codeine	2.586	208660	2495.86	101.1	11409.18	45992	243.7052 ng/ml
Cyclobenzaprine	5.631	1805759	38282.39	8.0	137.54	276409	249.6115 ng/ml
Dextromethorphan	5.275	1261928	35454.51	82.7	19644.27	226338	251.3659 ng/ml
Dextrorphan	4.124	909881	714.44	200.5	84335.54	373653	252.5300 ng/ml
Diazepam	5.957	918611	18149.00	90.2	750.25	164727	247.2549 ng/ml
Dihydrocodeine	2.558	618183	9197.58	69.8	200.54	171267	239.3423 ng/ml
Diphenhydramine	5.296	6797681	49913.71	30.5	1605.90	1359432	257.0240 ng/ml
Doxylamine	4.538	7222446	350311.41	94.7	82256.35	1229972	254.1262 ng/ml
Duloxetine	5.657	131110	2264.08	12.0	803.94	26774	253.4225 ng/ml
EDDP	5.261	2743029	28175.98	41.7	122360.57	545039	246.8789 ng/ml
Etizolam	5.817	684865	1797.39	28.4	148713.30	64935	251.5894 ng/ml
Fentanyl	5.101	218190	74736.93	63.4	251134.66	485166	26.0764 ng/ml
Flualprazolam	5.701	393950	4940.28	108.4	27526.58	173775	233.7910 ng/ml
Fluoxetine	5.724	1461958	53199.67	7.6	282.55	185978	248.6660 ng/ml
Hydrocodone	3.026	962804	2049.17	39.0	272.84	225890	244.3692 ng/ml
Hydromorphone	1.615	928523	7041.48	79.4	2384326.78	114328	251.4701 ng/ml

TS

CS



AM #28 Multi-Drug Quant. Results

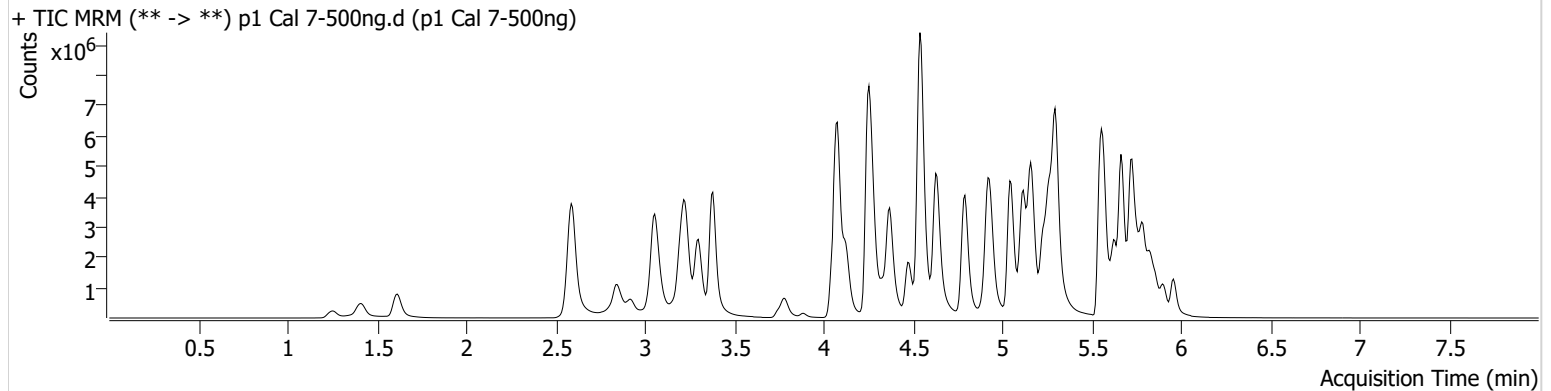
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	2129941	20404.12	75.4	658.05	226338	237.8667 ng/ml
Ketamine	4.057	2181197	174011.52	33.4	3094.99	367955	252.3050 ng/ml
Lamotrigine	4.287	159973	11230.90	90.2	5223.33	1046373	255.9224 ng/ml
Lorazepam	5.750	618397	8850.32	54.5	∞	194994	227.9810 ng/ml
MDA	3.198	2761332	4584.85	27.3	3650.16	283264	231.8429 ng/ml
MDMA	3.298	2329148	179121.14	88.0	35007.51	85095	253.9077 ng/ml
Meprobamate	4.901	587856	34413.82	28.7	166.88	176664	211.4297 ng/ml
Methadone	5.662	4238608	35681.21	53.2	23178.43	577215	254.5877 ng/ml
Methamphetamine	3.226	4292179	96620.27	38.1	29575.01	884128	245.8987 ng/ml
Metoprolol	4.334	571630	955827.21	105.1	8263.73	951292	261.3541 ng/ml
Mirtazapine	4.634	4578005	81443.17	55.2	5176.13	491297	244.9028 ng/ml
Mitragynine	5.236	801224	765.75	35.3	653019.99	577215	251.6898 ng/ml
Morphine	1.253	153934	6176.63	28.5	2529.12	8147	259.2049 ng/ml
Norbuprenorphine	4.997	9540	16622.66	99.1	6630.76	16942	25.1456 ng/ml
Nordiazepam	5.904	894290	5269.36	56.4	1006.27	110664	248.8981 ng/ml
Norfentanyl	4.091	511365	333.59	36.2	1747.03	630795	25.9879 ng/ml
Norhydrocodone	3.074	124251	510.23	41.8	167.10	36458	273.3061 ng/ml
Noroxycodone	2.917	794468	735.07	47.6	387.08	88778	251.3322 ng/ml
O-desmethyl-tramadol	3.379	5628411	176446.81	5.9	16097.77	1143981	249.8075 ng/ml
o-desmethylvenlafaxine	4.076	7495629	87026.10	15.0	6691.40	199179	254.9422 ng/ml
Olanzapine	4.475	1533300	4298.92	58.1	6120.34	140738	257.3921 ng/ml
Oxazepam	5.753	930589	86.34	74.8	14859.83	194994	244.8308 ng/ml
Oxycodone	2.835	1822754	564.14	30.8	3208.50	300644	239.1861 ng/ml
Oxymorphone	1.405	798902	∞	47.4	∞	93679	254.8189 ng/ml
Phentermine	3.780	1199912	271.10	5.1	287.21	670158	235.5661 ng/ml
Promethazine	5.547	4215936	32001.59	31.0	1612.44	712542	248.7467 ng/ml
Pseudoephedrine	2.589	5960854	84565.28	16.7	3446.55	1046373	249.8396 ng/ml
Quetiapine	5.564	2637700	70029.38	59.8	406.10	153181	251.3578 ng/ml
Sertraline	5.792	511588	26868.85	92.5	28025.41	81922	244.6562 ng/ml
Temazepam	5.820	2011242	2319.04	27.5	1086.76	385210	249.4292 ng/ml
Tramadol	4.246	5101982	∞	3.5	2548.78	951292	255.7530 ng/ml
Trazodone	5.155	3495535	551.52	68.8	509002.68	421450	251.1317 ng/ml
Venlafaxine	5.042	5073968	5116.69	33.3	771.92	1022283	250.2702 ng/ml
Zolpidem	4.918	4480752	96777.27	27.9	70127.41	779365	256.1323 ng/ml

AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng.d
Type Cal **Sample** p1 Cal 7-500ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-G1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 9:04:08 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	93333	1963.51	69.7	1065.77	42119	50.8944 ng/ml
7-aminoclonazepam	4.265	818559	11020.27	71.0	23009.52	82481	442.7067 ng/ml
a-hydroxyalprazolam	5.688	298918	192.27	68.8	441.28	122532	336.3285 ng/ml
alpha-PHP	4.935	1332184	941.73	262.9	65934.98	419047	479.4425 ng/ml
alpha-PVP	4.370	5994966	14539.92	50.9	64512.13	419047	507.6529 ng/ml
Alprazolam	5.779	1879796	549.39	101.8	718.21	122532	502.1646 ng/ml
Amphetamine	3.057	7611281	5986.21	46.2	3299.03	233130	345.5310 ng/ml
Benzoylecgonine	3.884	139641	562.09	8.1	435.14	9360	514.3682 ng/ml
Buprenorphine	5.836	133392	3317.38	15.0	8614.92	85281	52.0835 ng/ml
Bupropion	4.792	6652436	131598.90	70.1	44960.09	382102	498.7177 ng/ml
Carisoprodol	5.733	904237	697554.53	60.4	10451.19	62987	529.5880 ng/ml
Chlordiazepoxide	5.854	966200	23976.31	79.3	6773.00	276838	422.8150 ng/ml
Chlorpheniramine	5.117	9884097	26178.02	0.3	459.43	824092	510.2858 ng/ml
Citalopram	5.225	3899416	1218.62	33.1	232468.04	297785	509.6552 ng/ml
Clonazepam	5.607	1402956	16771.97	35.4	15909.94	46277	438.7834 ng/ml
Clonazolam	5.558	716898	1530.47	37.1	781.95	46277	331.3991 ng/ml
Cocaine	4.271	3278689	90438.49	57.2	49542.60	538380	506.3410 ng/ml
Codeine	2.586	313347	866.77	96.2	3122.53	37876	445.8060 ng/ml
Cyclobenzaprine	5.631	3536924	558.02	7.7	332.15	255899	527.6283 ng/ml
Dextromethorphan	5.275	1912192	33027.93	81.7	184476.16	174127	494.9903 ng/ml
Dextrorphan	4.124	1498625	941441.99	200.9	1136.65	307046	505.8968 ng/ml
Diazepam	5.957	1471202	626.55	89.0	469.61	129559	503.6212 ng/ml
Dihydrocodeine	2.558	1025143	37079.65	70.7	13448.39	156753	434.2951 ng/ml
Diphenhydramine	5.296	11081963	49573.39	29.9	86698.34	1100532	517.1668 ng/ml
Doxylamine	4.538	13808617	154511.34	93.1	37121.59	1137402	525.2344 ng/ml
Duloxetine	5.657	259259	1899.94	12.9	2513.35	26930	499.1611 ng/ml
EDDP	5.261	4803503	94259.84	40.8	130254.28	463841	507.8252 ng/ml
Etizolam	5.817	1026525	3291.36	27.3	6003.21	46277	528.6970 ng/ml
Fentanyl	5.101	388326	8736.23	61.9	969.02	471456	47.8259 ng/ml
Flualprazolam	5.701	492453	12050.36	106.5	11151.44	122532	415.0350 ng/ml
Fluoxetine	5.724	3005760	48345.37	7.5	160100.63	179420	529.5629 ng/ml
Hydrocodone	3.026	1571654	676.83	39.9	246.97	192650	468.4793 ng/ml
Hydromorphone	1.615	1615946	3179370.16	78.8	2117792.69	99063	505.0598 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydroxyzine	5.714	3794780	15838.52	78.3	117328.95	174127	549.9199 ng/ml
Ketamine	4.050	3518765	70262.30	33.4	311.35	317211	473.0335 ng/ml
Lamotrigine	4.287	228614	1172.37	90.3	119880.40	811383	471.9417 ng/ml
Lorazepam	5.750	601058	22078.53	52.9	1386.91	95139	455.3266 ng/ml
MDA	3.198	3898760	1470.00	26.4	1080.71	219883	422.8210 ng/ml
MDMA	3.298	3796780	104301.65	87.8	4415.50	71994	489.2019 ng/ml
Meprobamate	4.901	755563	282.72	28.3	2484.85	142204	338.3095 ng/ml
Methadone	5.662	7288030	19957.02	53.5	33582.95	491945	513.2820 ng/ml
Methamphetamine	3.226	6993080	1979.23	37.9	1374.87	796718	445.3668 ng/ml
Metoprolol	4.334	887378	1039740.01	102.0	6109.89	810785	476.7857 ng/ml
Mirtazapine	4.627	8699842	659909.10	52.6	10972.48	419047	545.5192 ng/ml
Mitragynine	5.236	1304817	1932.97	35.4	270954.43	491945	481.1709 ng/ml
Morphine	1.253	278044	793.89	28.5	1966.44	7779	490.6904 ng/ml
Norbuprenorphine	4.997	17717	116.85	97.9	2054.30	16089	49.3994 ng/ml
Nordiazepam	5.904	1316566	2115.07	55.7	9869.07	84964	477.3679 ng/ml
Norfentanyl	4.091	783310	146.22	37.2	5722.13	443918	56.4726 ng/ml
Norhydrocodone	3.074	231768	217.26	40.7	488.84	26340	705.0323 ng/ml
Noroxycodone	2.917	1136158	∞	50.0	4402.81	64021	498.7211 ng/ml
O-desmethyl-tramadol	3.379	9726386	152438.70	5.8	24422.85	954278	517.1767 ng/ml
o-desmethylvenlafaxine	4.076	12271316	95519.62	14.7	3487.34	157394	527.8019 ng/ml
Olanzapine	4.468	3136013	31294.63	58.8	3964.39	149972	494.0692 ng/ml
Oxazepam	5.753	900593	5251.38	73.9	3861.88	95139	485.9148 ng/ml
Oxycodone	2.835	3030740	26735.84	30.5	3075.47	272259	439.6632 ng/ml
Oxymorphone	1.411	1421005	∞	47.2	∞	80674	526.5588 ng/ml
Phentermine	3.780	1877489	984.18	4.9	1013.65	588249	420.7103 ng/ml
Promethazine	5.547	8686044	1677.66	30.5	178242.98	718055	508.1504 ng/ml
Pseudoephedrine	2.589	9687844	76318.06	16.1	46483.71	811383	523.0910 ng/ml
Quetiapine	5.564	4324306	144752.77	59.6	604.92	132609	476.7600 ng/ml
Sertraline	5.792	1411384	30265.79	94.4	25777.38	109646	504.0354 ng/ml
Temazepam	5.827	2254716	23183.42	28.2	177.43	215492	499.7553 ng/ml
Tramadol	4.246	8439582	1504.22	3.5	135.04	810785	496.6447 ng/ml
Trazodone	5.155	5976068	229876.02	73.8	1922.23	378460	478.4780 ng/ml
Venlafaxine	5.042	8762733	37482.86	31.8	4995.46	830815	531.4350 ng/ml
Zolpidem	4.918	7459607	3279.61	27.0	982.02	693330	479.8451 ng/ml

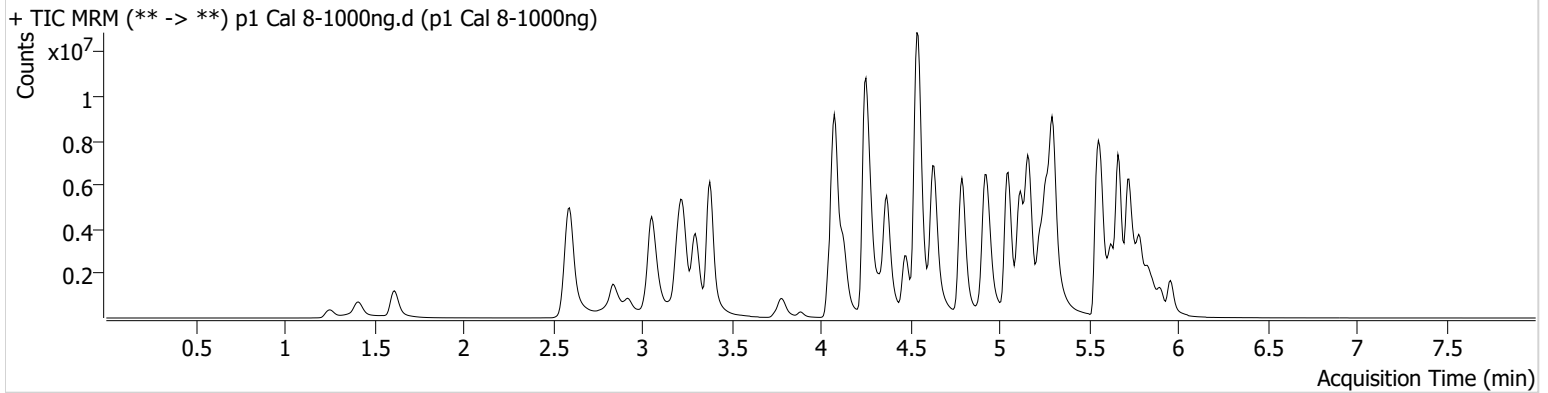
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\082522 AM 27 28 CS TS\082622 Injections\QuantResults\AM 28 CS.batch.bin
Calibration Last Update 9/1/2022 9:59:30 AM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 P1 Updated 082522.m **Operator** Celena Shrum
Sample Position P6-H1 **Comment**
Injection Volume 2
Acq. Date-Time 8/26/2022 9:14:45 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	171037	2366.73	69.2	1725.31	38838	101.1774 ng/ml
7-aminoclonazepam	4.271	713798	11585.36	70.4	4462.46	42175	755.2929 ng/ml
a-hydroxyalprazolam	5.688	295294	137.43	69.1	205.26	87192	467.2980 ng/ml
alpha-PHP	4.941	1983884	23766.10	263.3	61317.68	338140	885.2645 ng/ml
alpha-PVP	4.370	9884099	151867.63	49.7	831.84	338140	1036.9482 ng/ml
Alprazolam	5.779	2602723	547.44	103.3	2537.94	87192	976.7975 ng/ml
Amphetamine	3.057	10487967	73997.46	46.0	23312.59	198592	559.6308 ng/ml
Benzoylcegonine	3.884	249693	13786.38	8.1	126.51	8342	1032.0780 ng/ml
Buprenorphine	5.836	198627	18357.21	14.7	20868.12	64195	102.8015 ng/ml
Bupropion	4.792	11088800	102105.69	68.9	36786.89	331990	956.9572 ng/ml
Carisoprodol	5.733	1090067	67087.24	61.1	5642.16	35457	1133.5572 ng/ml
Chlordiazepoxide	5.861	1203957	6217.45	86.1 High	4212.76	190267	767.3626 ng/ml
Chlorpheniramine	5.117	14802983	4912.53	0.3	1287.26	625442	1006.7507 ng/ml
Citalopram	5.225	5269222	23270.56	33.6	22435.47	206149	994.5312 ng/ml
Clonazepam	5.607	1680324	11534.98	34.7	17731.20	30648	794.1993 ng/ml
Clonazolam	5.564	795956	41088.40	36.3	239007.76	30648	556.4887 ng/ml
Cocaine	4.271	4945157	1791.08	56.7	46181.16	403803	1018.0147 ng/ml
Codeine	2.593	449636	∞	96.3	7686.63	29710	816.9681 ng/ml
Cyclobenzaprine	5.631	4739631	34185.76	7.5	1207.62	167951	1076.8532 ng/ml
Dextromethorphan	5.275	2508385	17179.97	82.0	118690.21	111304	1015.6914 ng/ml
Dextrorphan	4.124	2451749	132819.43	203.8	125685.39	237476	1069.8190 ng/ml
Diazepam	5.957	2112958	∞	88.8	8054.66	96966	966.5604 ng/ml
Dihydrocodeine	2.558	1584472	25520.24	72.3	35524.01	148756	707.8323 ng/ml
Diphenhydramine	5.303	15821509	79612.94	30.9	20954.82	777443	1044.7668 ng/ml
Doxylamine	4.538	21147534	180680.04	94.3	3599.18	954486	958.3996 ng/ml
Duloxetine	5.657	237725	2017.58	12.6	20876.93	12439	991.8806 ng/ml
EDDP	5.261	8013902	142948.70	40.1	47957.23	372870	1053.7459 ng/ml
Etizolam	5.817	1515564	3773.72	26.8	348625.70	30648	1178.1367 ng/ml
Fentanyl	5.101	525255	117081.75	64.4	509.71	353829	86.2595 ng/ml
Flualprazolam	5.701	583634	15797.57	110.6	6592.05	87192	691.7351 ng/ml
Fluoxetine	5.724	2914512	35467.00	7.5	1626.98	86000	1070.9305 ng/ml
Hydrocodone	3.026	2618549	305.79	40.9	225.79	167849	896.6185 ng/ml

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Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.615	2653495	6332282.73	79.0	12289227.66	80648	1018.6958 ng/ml
Hydroxyzine	5.714	5270389	284799.21	78.4	36096.55	111304	1193.9987 ng/ml
Ketamine	4.050	5444902	4875.80	32.6	536.10	273756	848.9734 ng/ml
Lamotrigine	4.294	299222	1693.71	87.5	26791.08	575507	871.1562 ng/ml
Lorazepam	5.750	630407	23972.99	54.9	3912.91	47628	955.2274 ng/ml
MDA	3.198	4914319	84963.22	25.7	777.15	168415	696.7157 ng/ml
MDMA	3.298	5962662	96668.58	88.1	4298.83	54794	1009.4228 ng/ml
Meprobamate	4.901	925957	32236.77	28.8	16343.79	112595	524.2835 ng/ml
Methadone	5.662	10999260	1171.32	53.2	48568.84	365662	1041.8402 ng/ml
Methamphetamine	3.226	11038123	19953.61	37.2	73221.98	749786	747.6380 ng/ml
Metoprolol	4.334	1242662	1197.04	105.6	31244.22	673945	803.8795 ng/ml
Mirtazapine	4.634	13273364	169367.12	52.1	10140.53	338140	1031.3521 ng/ml
Mitragynine	5.236	1726064	36794.50	36.0	833976.31	365662	856.5384 ng/ml
Morphine	1.253	436878	3760.64	29.3	∞	6380	940.4265 ng/ml
Norbuprenorphine	4.997	31806	256.19	88.7	4425.70	13862	103.1838 ng/ml
Nordiazepam	5.904	1670501	184.21	52.2	21457.33	50573	1017.7177 ng/ml
Norfentanyl	4.091	1084393	2568.38	37.1	588.49	266083	130.3256 ng/ml
Norhydrocodone	3.074	402918	155.27	39.9	355.26	24267	1330.0603 ng/ml
Noroxycodone	2.917	1614498	3030.53	47.3	535.24	45616	994.9354 ng/ml
O-desmethyl-tramadol	3.379	16183557	1049.08	5.8	2134.30	780549	1051.7324 ng/ml
o-desmethylvenlafaxine	4.076	18703389	180768.31	14.7	1411.29	117507	1077.1474 ng/ml
Olanzapine	4.475	4975524	18577.84	59.0	18190.27	120513	975.5418 ng/ml
Oxazepam	5.753	897536	32976.09	72.4	3424.77	47628	967.6300 ng/ml
Oxycodone	2.835	4568984	546.82	30.6	627.26	234568	769.7652 ng/ml
Oxymorphone	1.411	2288928	6348.89	47.1	∞	71423	958.2201 ng/ml
Phentermine	3.780	2899428	∞	4.7	3527.23	536129	713.5783 ng/ml
Promethazine	5.547	12547187	140181.90	29.2	6124.09	490168	1074.8670 ng/ml
Pseudoephedrine	2.596	14633415	118089.62	15.9	44766.19	575507	1113.3882 ng/ml
Quetiapine	5.564	5958502	35051.84	60.2	51307.63	99460	876.5825 ng/ml
Sertraline	5.792	1256369	11891.26	93.3	15515.91	46453	1058.7698 ng/ml
Temazepam	5.827	2366134	7535.66	28.3	5575.86	114962	982.9691 ng/ml
Tramadol	4.246	12487699	694.48	3.3	∞	673945	884.2956 ng/ml
Trazodone	5.155	9061335	1407.94	72.9	130058.90	281157	977.0035 ng/ml
Venlafaxine	5.049	13934391	2806.26	31.9	336489.97	653552	1073.9397 ng/ml
Zolpidem	4.918	11552395	214151.11	26.9	71945.45	617609	834.6664 ng/ml