

Worklist: 6135

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-3905	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-4023	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-4163	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-2586	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-2895	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-2915	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-2920	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-2932	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3042	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3043	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3094	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3104	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 10/18/2022

Plate lot#: 220315

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

Blank Blood Lot: Lampire 22B52015-1

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 09/15/2022

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

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

Blank Urine Lot: POC021022

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.

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette **250µL blood or 250µL hydrolyzed urine** into the appropriate wells of the analytical (standards) plate. **Pipette ID: 42**
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. (SKIPPED PER DEVIATION)
- 5. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **200-450µL of blood+base or urine+base (if applicable)** mixture to corresponding wells of SLE+ plate. Amount transferred: 300µl
- 8. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). (**Load at 85-100 PSI- Selector to the right**). *Manifold ID: 067104*
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. (**10-15 PSI- Selector to the left**).
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. (**10-15 PSI- Selector to the left**).
- 16. Remove plate containing eluate.
- 17. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 18. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 19. Reconstitute in **100µL 20% LC MeOH** and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

COMMENTS: Per the method, an external control was included in the run since it was after the plate re-test date.

Curve Limits: 7-aminoclonazepam not evaluated due to low ISTD response for negative blood, Amphetamine 5-100 (Cals 6, 7 and 8 removed due to accuracy), Clonazolam 5-250 (Cals 7 and 8 removed due to accuracy), Codeine 5-500 (Cal 8 removed due to accuracy), Dihydrocodeine 5-500 (Cal 8 removed due to accuracy), MDA 5-250 (Cals 7 and 8 removed due to accuracy), Meprobamate 5-100 (Cals 6, 7 and 8 removed due to accuracy), Methamphetamine 5-500 (Cal 8 removed due to accuracy), Norfentanyl 0.5-50 (Cal 8 removed due to accuracy), Oxycodone 5-500 (Cal 8 removed due to accuracy), Phentermine 5-250 (Cals 7 and 8 removed due to accuracy) and Quetiapine 5-500 (Cal 8 removed due to accuracy).

**Idaho State Police
Forensic Services**

Request for Departure from an Analytical Method or Quality Standard

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

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

Requestor/Discipline: Celena Shrum/Toxicology

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

Temporary or Permanent Deviation: Permanent

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

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

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

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

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





Idaho State Police Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ And AM #28 Blood Multi-Drug Confirmatory Analysis by LCMS-QQQ---Panel 1

Methanol External Control Solution (Lot: 042222)

100 μ L of 1mg/mL stock was added to each drug to 9700 μ L of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	215245	N/A
Tramadol	Cerilliant	FE10051901	12/31/2024
Hydrocodone	Cerilliant	FE04241902	09/30/2024
Alprazolam	Cerilliant	FE06102008	06/30/2025
Buprenorphine	Cerilliant	FE03191903	06/31/2024
Prepared:	04/22/2022		
Expires:	04/22/2023		
Prepared By:	Celena Shrum		

Blood External Control Solution (Lot: WS101322)

50 μ L of methanol external control solution was added to 9950 μ L of blood.

Approximately 50 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	22B52015-1
Methanol External Control Solution		042222
Prepared:	10/13/2022	
Expires:	04/22/2023	
Prepared by:	Celena Shrum	



Idaho State Police Forensic Services

**AM #25 Urine Multi-Drug Screen by LCMS-QQQ
And
AM #28 Urine Multi-Drug Confirmatory Analysis by
LCMS-QQQ---Panel 1**

Methanol External Control Solution (Lot: 042222)

100 μ L of 1mg/mL stock was added to each drug to 9600 μ L of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	215245	N/A
Tramadol	Cerilliant	FE10051901	N/A- Qualitative
Hydrocodone	Cerilliant	FE04241902	N/A- Qualitative
Alprazolam	Cerilliant	FE06102008	N/A- Qualitative
Buprenorphine	Cerilliant	FE03191903	N/A- Qualitative
Prepared:	04/22/2022		
Prepared By:	Celena Shrum		

Urine External Control Solution (Lot: WS042222)

100 μ L of methanol external control solution was added to 9900 μ L of blood. Approximately 100 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Urine	Pocatello Lab	POC021022
Methanol External Control Solution		042222
Prepared:	04/22/2022	
Prepared by:	Celena Shrum	

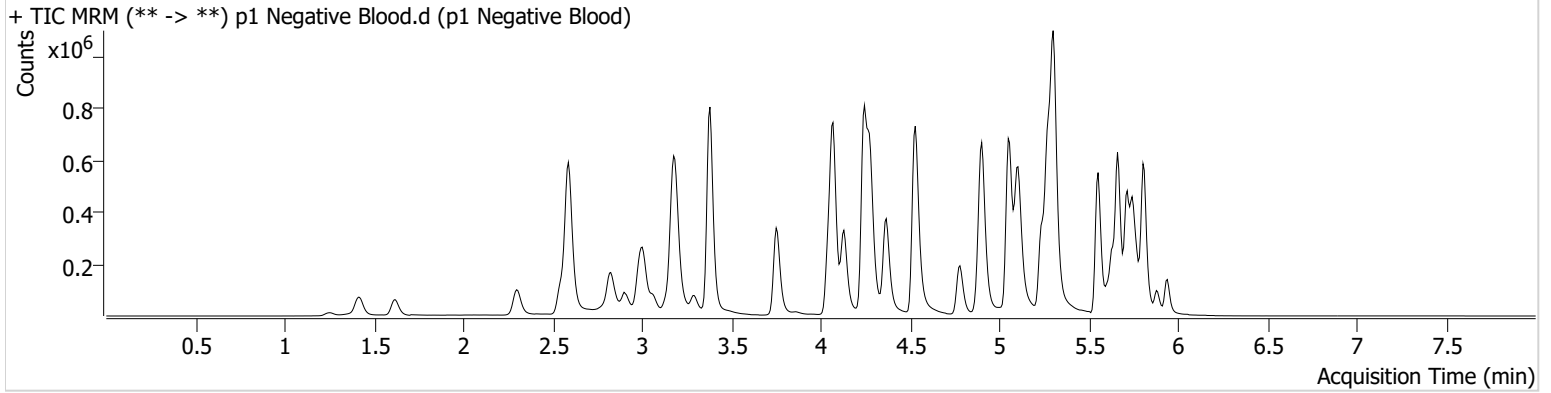
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E4	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 1:05:27 AM		
Sample Info.			

Sample Chromatogram



CS

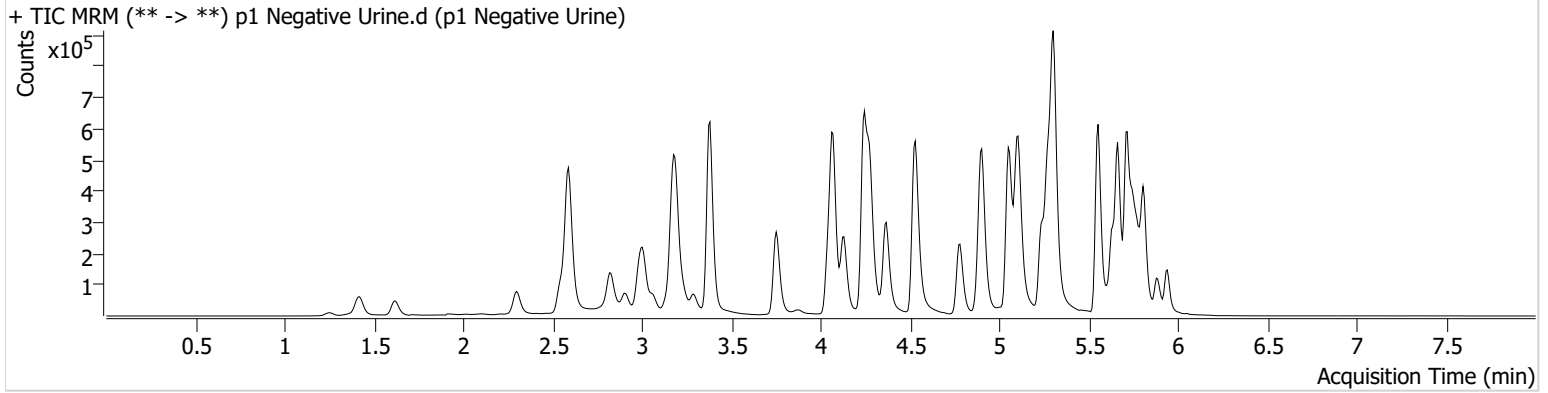


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 1:16:03 AM		
Sample Info.			

Sample Chromatogram



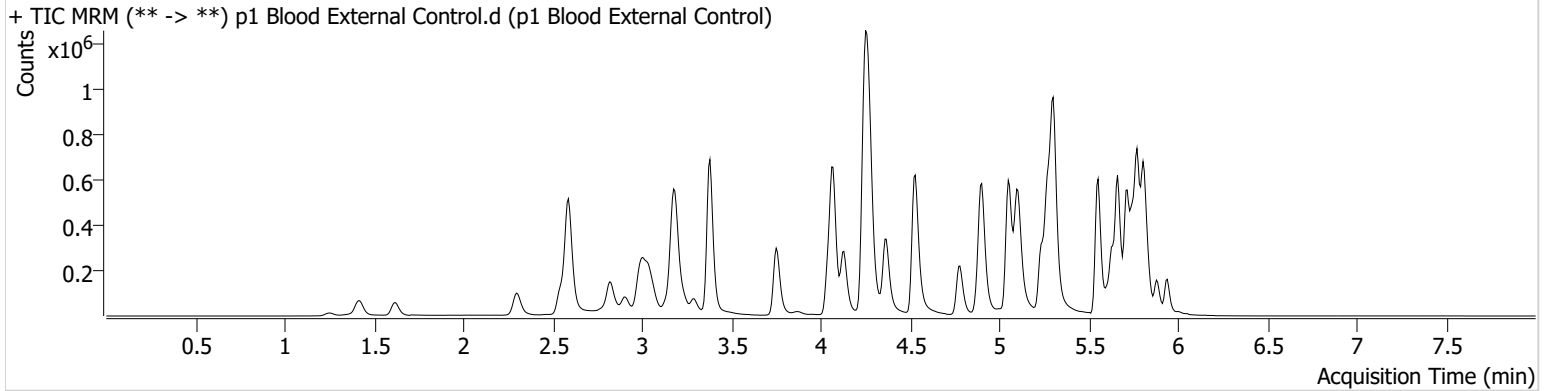
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Blood External Control.d
Type	Sample	Sample	p1 Blood External Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 1:37:18 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.769	439426	1559.79	108.5	1765.83	399951	43.4252 ng/ml
Buprenorphine	5.820	242857	36433.44	15.5	3356.20	162381	52.3141 ng/ml
Hydrocodone	3.034	310770	589.07	38.0	605.05	405758	45.2349 ng/ml
Tramadol	4.257	1548116	4061.69	3.3	201.26	1701888	46.3372 ng/ml

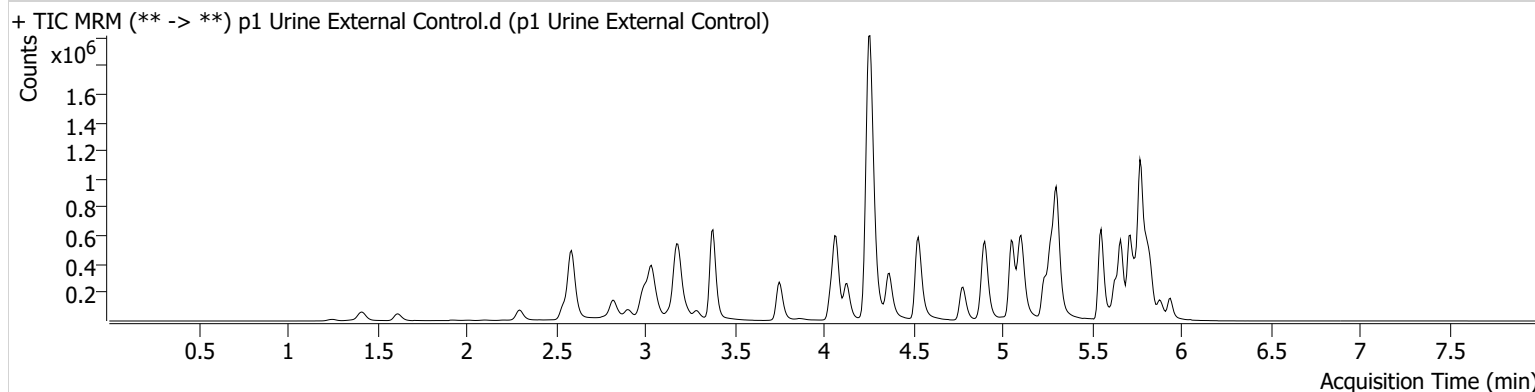
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Urine External Control.d
Type	Sample	Sample	p1 Urine External Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 1:58:31 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.769	918650	991.52	109.6	2607.00	320929	113.3010 ng/ml
Buprenorphine	5.819	516924	18893.44	15.3	965.09	156095	115.8466 ng/ml
Hydrocodone	3.034	693434	1108.97	39.0	1503.55	363265	114.2177 ng/ml
Tramadol	4.257	3721013	∞	3.4	155.55	1521237	125.4980 ng/ml

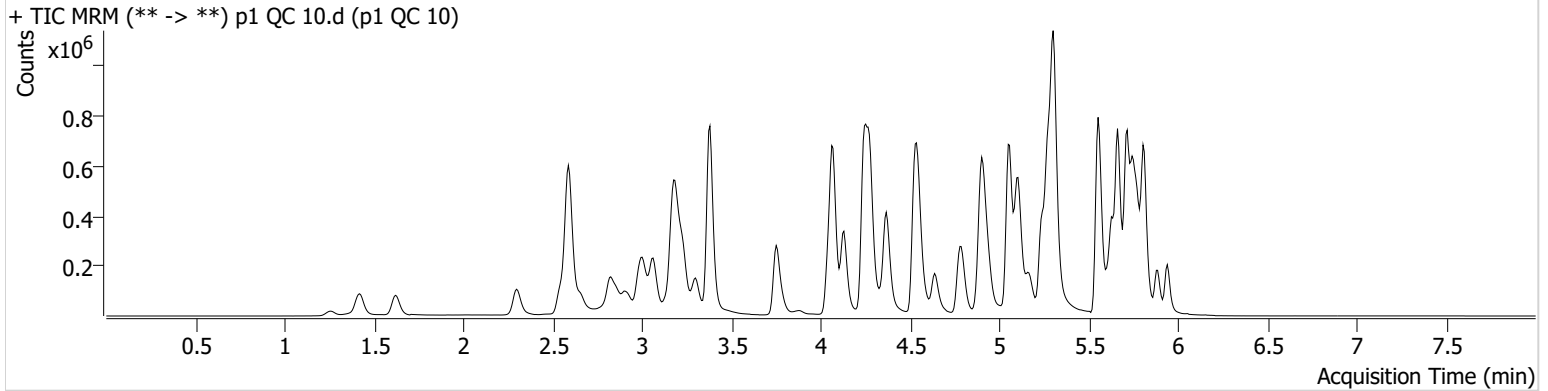
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 11:19:18 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	3131	70.71	71.3	220.47	90990	0.9461 ng/ml
7-aminoclonazepam	4.270	12622	28.41	70.6	283.79	45284	9.9494 ng/ml
a-hydroxyalprazolam	5.692	25933	357.89	66.8	964.59	882110	10.4147 ng/ml
alpha-PHP	4.943	55131	218.92	257.2	1923.52	760251	10.5478 ng/ml
alpha-PVP	4.375	196779	431.45	53.2	1784.38	760251	10.0104 ng/ml
Alprazolam	5.769	94247	563.42	110.5	417.94	378301	9.7677 ng/ml
Amphetamine	3.065	294153	546.10	50.3	1925.90	482750	10.3159 ng/ml
Benzoylecgonine	3.884	4783	174.26	9.3	37.38	14695	10.2120 ng/ml
Buprenorphine	5.820	4749	184.85	15.1	1608.29	156469	1.0522 ng/ml
Bupropion	4.800	152313	5125.42	70.7	200.22	615295	9.6904 ng/ml
Carisoprodol	5.724	105937	5099.53	69.9	870.68	472542	9.7588 ng/ml
Citalopram	5.239	155968	1033.22	35.5	∞	692868	9.8638 ng/ml
Clonazepam	5.612	98416	2441.49	36.1	1805.43	140903	10.6547 ng/ml
Clonazepam	5.556	72778	11212.16	38.4	30726.27	140903	10.5672 ng/ml
Cocaine	4.276	118919	3078.39	60.1	4043.33	1060425	9.9357 ng/ml
Codeine	2.600	16943	348.20	100.5	141.03	84337	10.6199 ng/ml
Cyclobenzaprine	5.635	132217	255.95	8.0	68.93	543034	9.4143 ng/ml
Dextromethorphan	5.281	91839	210.04	82.7	7637.16	382847	10.1474 ng/ml
Dextrophan	4.130	60612	2398.04	201.2	470.39	582198	10.0640 ng/ml
Diazepam	5.947	61527	1820.75	91.1	423.22	273057	10.6857 ng/ml
Dihydrocodeine	2.573	45188	190.55	64.7	356.99	253641	11.0636 ng/ml
Diphenhydramine	5.309	380283	3303.03	33.8	575.40	1823794	9.7107 ng/ml
Doxylamine	4.548	371669	4725.42	97.3	3801.42	1649238	10.1380 ng/ml
EDDP	5.274	164292	3732.18	41.8	512.08	891888	9.3854 ng/ml
Etizolam	5.807	43048	4508.16	25.1	16000.80	140903	9.2117 ng/ml
Fentanyl	5.109	16229	493.56	64.5	1123.81	784387	1.0425 ng/ml
Flualprazolam	5.706	49902	2385.04	97.8	1600.23	378301	10.5505 ng/ml
Fluoxetine	5.714	154612	15539.15	7.7	28034.29	576934	9.7238 ng/ml
Hydrocodone	3.034	70660	66.51	37.4	182.49	384152	10.1116 ng/ml
Hydromorphone	1.628	59185	913.16	76.4	1347.99	180594	10.0211 ng/ml
Ketamine	4.056	128934	4960.96	33.8	391.50	589873	10.3203 ng/ml
Lamotrigine	4.292	12568	454.88	88.0	483.63	1393269	10.0683 ng/ml
Levetiracetam	2.658	54867	757.23	156.0	1284.37	1393269	9.9081 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	81179	2363.58	48.6	90.40	602101	10.9142 ng/ml
MDA	3.212	192924	1126.89	36.5	124.63	646328	10.9348 ng/ml
MDMA	3.306	101813	1934.19	125.6	1376.28	135641	9.9534 ng/ml
Meprobamate	4.910	77284	3139.56	27.9	3843.20	340924	10.5528 ng/ml
Methadone	5.666	249253	1618.97	57.4	1420.51	1036920	9.9579 ng/ml
Methamphetamine	3.233	342758	2202.83	39.2	1672.16	1080794	10.5749 ng/ml
Metoprolol	4.338	39449	777.27	99.1	844.82	1393269	9.9481 ng/ml
Mirtazapine	4.636	262028	2472.22	53.0	1014.97	760251	9.6561 ng/ml
Mitragynine	5.250	52040	978.88	35.1	29798.57	1036920	10.4649 ng/ml
Morphine	1.267	9174	161.46	25.8	128.33	16421	10.1454 ng/ml
Norbuprenorphine	5.012	779	1870.47	92.6	1568.48	26133	0.9860 ng/ml
Nordiazepam	5.887	69583	762.48	55.3	506.20	234108	10.0862 ng/ml
Norfentanyl	4.090	31061	826.74	38.0	217.35	1353721	0.9713 ng/ml
Norhydrocodone	3.082	13855	199.99	41.8	35.39	111089	9.2553 ng/ml
Noroxycodone	2.925	67999	190.36	47.4	136.81	215457	10.1939 ng/ml
O-desmethyl-tramadol	3.379	303428	∞	6.2	2642.18	1635179	9.6950 ng/ml
Oxazepam	5.750	114855	199.64	73.5	254.78	602101	10.3547 ng/ml
Oxycodone	2.850	130336	1675.58	29.4	1203.95	471072	10.6691 ng/ml
Oxymorphone	1.425	67441	2213.02	47.7	379.81	234376	9.8624 ng/ml
Phentermine	3.787	70757	298.47	7.2	78.91	769223	10.0924 ng/ml
Promethazine	5.552	262131	3423.62	30.7	1904.28	1121304	9.7855 ng/ml
Pseudoephedrine	2.597	281666	264.70	20.2	5003.30	1393269	9.9867 ng/ml
Quetiapine	5.562	157890	4885.35	59.2	20945.62	241332	9.9985 ng/ml
Sertraline	5.783	42873	311.69	90.6	421.73	178496	10.3136 ng/ml
Temazepam	5.810	192867	2329.63	25.8	49.10	882110	9.4491 ng/ml
Tramadol	4.257	327477	503.93	3.5	88.99	1578151	10.1604 ng/ml
Trazodone	5.162	158716	194.41	80.5	24758.26	669933	10.2496 ng/ml
Venlafaxine	5.056	277958	728.06	31.9	621.66	1447408	9.8851 ng/ml
Zolpidem	4.920	292137	514.19	30.2	110.87	1314066	10.5266 ng/ml

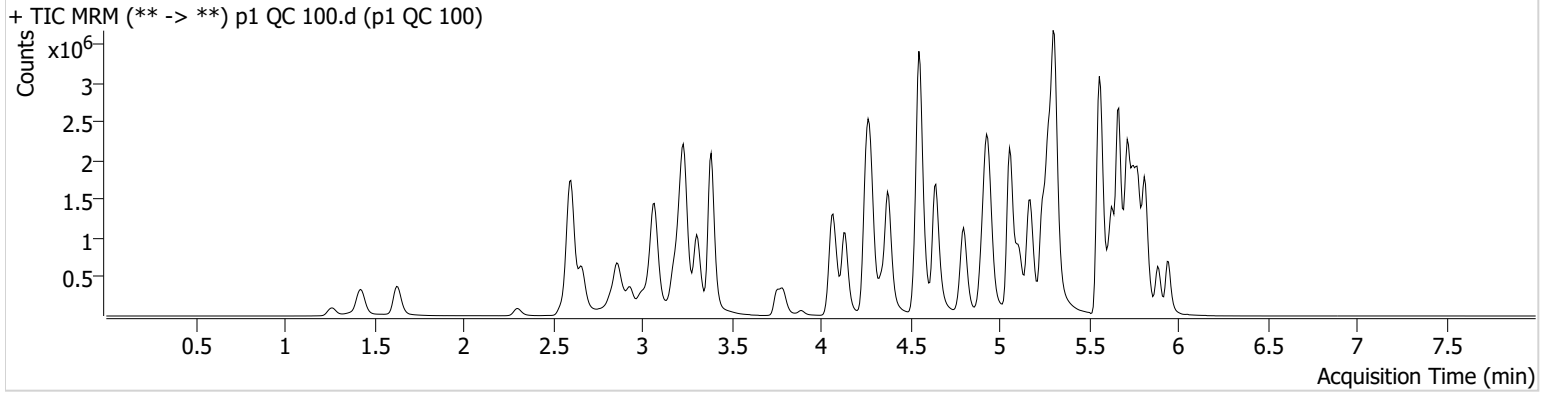
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 6:45:14 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	35966	205725.11	69.1	2433.30	105760	9.9251 ng/ml
7-aminoclonazepam	4.270	226651	528.03	72.3	281.37	84012	116.9186 ng/ml
a-hydroxyalprazolam	5.692	210596	2530.95	67.2	486.97	761835	99.6645 ng/ml
alpha-PHP	4.949	569392	13062.91	259.2	1053.11	832616	103.7049 ng/ml
alpha-PVP	4.381	2144882	17362.13	52.4	35226.03	832616	97.1097 ng/ml
Alprazolam	5.769	964778	1445.83	108.7	2712.94	374855	101.8623 ng/ml
Amphetamine	3.071	2744388	952.52	48.1	12654.00	539110	92.6484 ng/ml
Benzoylecgonine	3.890	54495	2328.24	8.7	695.33	17731	101.8639 ng/ml
Buprenorphine	5.826	48645	983.44	14.6	255.26	166004	10.2423 ng/ml
Bupropion	4.800	1597981	46911.35	69.3	17150.86	646335	98.5382 ng/ml
Carisoprodol	5.724	902458	854.37	63.8	1176.95	380568	98.4385 ng/ml
Citalopram	5.239	1698642	∞	35.3	536.24	724115	100.2869 ng/ml
Clonazepam	5.612	869027	4370.76	36.9	4717.98	134976	108.1214 ng/ml
Clonazepam	5.556	633640	287920.43	38.9	67374.72	134976	104.9953 ng/ml
Cocaine	4.276	1266098	14626.64	60.7	10499.02	1143520	98.4513 ng/ml
Codeine	2.608	158004	234.83	99.5	148.76	87003	102.6015 ng/ml
Cyclobenzaprine	5.635	1442351	1277.45	7.8	1945.59	562583	94.3417 ng/ml
Dextromethorphan	5.281	946017	31359.63	81.0	250233.63	387974	102.2863 ng/ml
Dextrophan	4.137	660447	2314.07	201.1	∞	637409	98.9083 ng/ml
Diazepam	5.947	612478	921.26	90.5	5758.81	277799	106.4208 ng/ml
Dihydrocodeine	2.579	461763	294.35	67.8	1983.21	283788	109.4323 ng/ml
Diphenhydramine	5.309	4260242	32209.22	32.7	462.30	1960572	105.2926 ng/ml
Doxylamine	4.548	4370868	136893.99	96.5	236101.19	1888345	105.5001 ng/ml
EDDP	5.274	1765150	495.64	40.7	3140.23	918325	96.2902 ng/ml
Etizolam	5.814	431511	11180.38	25.9	16806.71	134976	90.7005 ng/ml
Fentanyl	5.116	189775	2850.23	65.9	1754.11	907096	9.9927 ng/ml
Flualprazolam	5.706	474948	6750.62	103.8	5192.98	374855	108.9060 ng/ml
Fluoxetine	5.714	1345908	333311.37	7.4	244.51	481842	97.6522 ng/ml
Hydrocodone	3.041	714542	778.42	38.0	679.65	416385	102.5798 ng/ml
Hydromorphone	1.635	648431	1249042.42	76.1	2237646.73	196704	100.7358 ng/ml
Ketamine	4.063	1393817	51675.39	34.4	458.83	665070	104.2239 ng/ml
Lamotrigine	4.299	124303	4977.01	93.1	793.58	1453527	103.9674 ng/ml
Levetiracetam	2.664	569160	408.69	160.7	8898.70	1453527	94.0119 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	496323	5414.40	52.0	2429.90	446546	98.3930 ng/ml
MDA	3.212	1718092	9093.56	37.0	873.86	643395	106.0932 ng/ml
MDMA	3.306	1109464	17026.87	127.2	1116.07	145906	102.7182 ng/ml
Meprobamate	4.916	664130	115656.41	28.1	578.06	355311	93.8877 ng/ml
Methadone	5.666	2756447	91928.56	56.5	807.87	1138313	95.8776 ng/ml
Methamphetamine	3.240	3467500	1812.76	37.8	29186.20	1246994	107.4365 ng/ml
Metoprolol	4.338	427584	667412.45	99.6	9423.87	1453527	102.0209 ng/ml
Mirtazapine	4.643	2992424	2362.22	51.4	97114.77	832616	97.1151 ng/ml
Mitragynine	5.250	551039	69154.16	37.0	171104.98	1138313	103.6778 ng/ml
Morphine	1.267	103674	504.76	26.1	114.21	18705	101.5560 ng/ml
Norbuprenorphine	5.012	6961	149.08	96.9	632564.03	30338	9.8468 ng/ml
Nordiazepam	5.887	658158	981.15	56.4	13109.27	225015	102.6513 ng/ml
Norfentanyl	4.097	335724	404.09	37.4	52.54	1401841	9.4918 ng/ml
Norhydrocodone	3.089	122479	176.20	41.3	241.47	86306	94.7824 ng/ml
Noroxycodone	2.932	643120	4734.32	47.8	3077.65	211367	98.6835 ng/ml
O-desmethyl-tramadol	3.386	3427575	69691.91	6.4	5273.94	1789899	97.2195 ng/ml
Oxazepam	5.750	853199	2616.11	71.3	1083.24	446546	106.6903 ng/ml
Oxycodone	2.856	1391754	1455.16	29.8	1171.47	537920	106.5801 ng/ml
Oxymorphone	1.425	725914	∞	46.3	∞	245177	102.0259 ng/ml
Phentermine	3.794	738413	3274.01	7.2	140.21	850034	101.5923 ng/ml
Promethazine	5.552	2850048	61048.22	30.0	2991.66	1160671	99.4277 ng/ml
Pseudoephedrine	2.604	2964774	2718.27	19.8	45945.34	1453527	96.8339 ng/ml
Quetiapine	5.569	1630129	104815.58	61.5	72480.26	265749	99.9883 ng/ml
Sertraline	5.783	374590	859.34	94.5	45167.91	153271	101.4929 ng/ml
Temazepam	5.817	1676943	1857.20	25.6	312.32	761835	95.1842 ng/ml
Tramadol	4.257	3609369	81668.59	3.5	1571.30	1690080	109.5038 ng/ml
Trazodone	5.162	1958205	352849.62	82.4	119275.37	834379	105.5615 ng/ml
Venlafaxine	5.056	3179113	110492.72	30.9	811.02	1596846	99.6763 ng/ml
Zolpidem	4.927	3284068	176525.27	28.8	935.72	1468763	112.5637 ng/ml

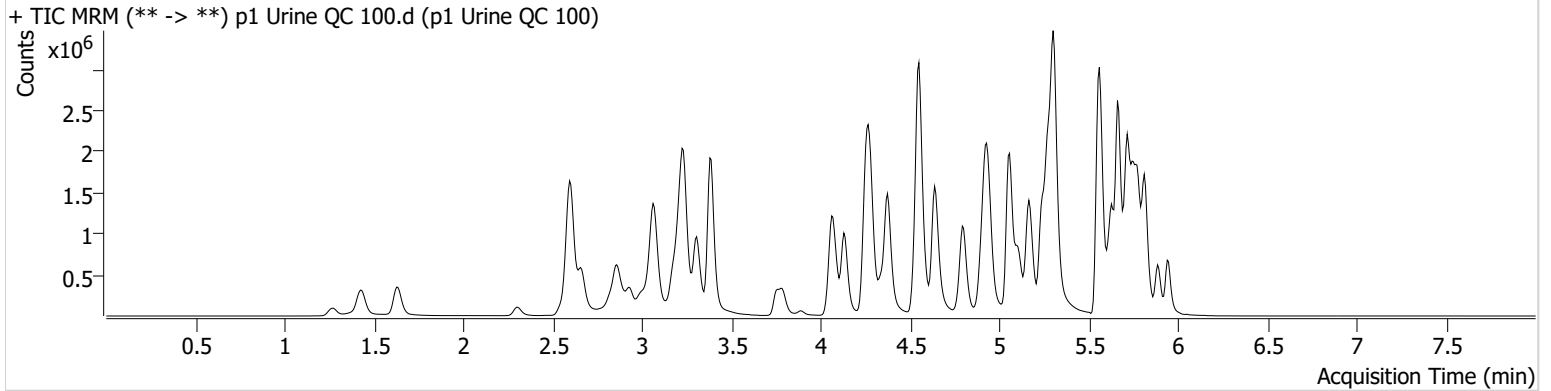
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Urine QC 100.d
Type	QC	Sample	p1 Urine QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 12:44:13 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	33023	1898.99	69.5	68706.12	96208	10.0182 ng/ml
7-aminoclonazepam	4.270	192767	2454.52	72.4	929.21	75481	110.5516 ng/ml
a-hydroxyalprazolam	5.692	204406	535.54	65.3	1534.31	727580	101.2927 ng/ml
alpha-PHP	4.943	534732	8713.33	257.3	12341.50	767588	105.6522 ng/ml
alpha-PVP	4.375	1987159	23819.15	53.7	5098.38	767588	97.5893 ng/ml
Alprazolam	5.769	879618	∞	109.5	1664.29	343012	101.4919 ng/ml
Amphetamine	3.065	2584785	2161.23	48.5	574.73	504125	93.3223 ng/ml
Benzoylecgonine	3.890	49039	439.34	8.1	318.50	16316	99.5989 ng/ml
Buprenorphine	5.820	44077	1399.38	15.3	13739.92	157454	9.7840 ng/ml
Bupropion	4.800	1530912	702.56	69.5	21300.05	621740	98.1360 ng/ml
Carisoprodol	5.724	820865	128371.02	66.2	1099.97	363539	93.7565 ng/ml
Citalopram	5.239	1572842	69561.38	35.9	518.14	690752	97.3527 ng/ml
Clonazepam	5.612	837272	20504.12	36.7	13876.93	128079	109.7987 ng/ml
Clonazepam	5.556	582481	158625.08	39.0	4269.43	128079	101.6814 ng/ml
Cocaine	4.276	1176569	41187.67	60.3	34919.07	1053602	99.2979 ng/ml
Codeine	2.600	151477	129.88	100.8	1816.99	81529	104.9860 ng/ml
Cyclobenzaprine	5.635	1417408	22604.54	7.7	319.90	549963	94.8349 ng/ml
Dextromethorphan	5.281	893442	13537.30	81.1	12503.16	362035	103.5220 ng/ml
Dextrophan	4.130	619707	2201.61	199.3	49225.26	587714	100.6520 ng/ml
Diazepam	5.947	585186	800.92	89.9	400.83	262747	107.5059 ng/ml
Dihydrocodeine	2.573	424047	281.42	68.7	424.00	266343	107.0538 ng/ml
Diphenhydramine	5.309	3973008	85015.94	32.6	26070.31	1826224	105.4177 ng/ml
Doxylamine	4.548	3967227	4551.89	97.2	4415.66	1740426	103.8936 ng/ml
EDDP	5.274	1591293	34268.29	40.5	1008.92	862003	92.4848 ng/ml
Etizolam	5.807	403755	3860.67	25.5	114762.23	128079	89.4450 ng/ml
Fentanyl	5.116	178714	3545.95	66.7	174.89	856228	9.9695 ng/ml
Flualprazolam	5.706	444825	5665.60	102.6	20578.68	343012	111.4882 ng/ml
Fluoxetine	5.714	1385521	22963.97	7.6	122273.61	491202	98.6069 ng/ml
Hydrocodone	3.034	668747	625.85	37.6	106.43	385837	103.6164 ng/ml
Hydromorphone	1.635	599253	2014.22	75.5	1634422.06	184012	99.5169 ng/ml
Ketamine	4.063	1268869	1090.59	34.5	379.27	607740	103.8289 ng/ml
Lamotrigine	4.292	118362	2214.10	91.7	2046.57	1341139	107.3267 ng/ml
Levetiracetam	2.664	522250	894.43	158.7	12204.32	1341139	93.4952 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	502771	14694.67	51.2	565.75	444712	100.1025 ng/ml
MDA	3.212	1599180	9897.65	37.5	295.42	592681	107.2109 ng/ml
MDMA	3.306	1023345	5560.10	127.7	978.31	135417	102.0822 ng/ml
Meprobamate	4.910	596528	31701.19	28.1	8029.01	314737	95.2156 ng/ml
Methadone	5.666	2666624	127442.91	55.8	3333.56	1076375	98.0794 ng/ml
Methamphetamine	3.233	3197116	28601.01	38.0	33065.32	1159628	106.5059 ng/ml
Metoprolol	4.338	384798	720045.81	100.1	13717.07	1341139	99.5098 ng/ml
Mirtazapine	4.636	2769065	10958.38	51.2	8320.99	767588	97.4781 ng/ml
Mitragynine	5.243	530650	48936.68	36.2	617703.86	1076375	105.5928 ng/ml
Morphine	1.274	96078	535.77	26.2	2585.61	17260	101.9951 ng/ml
Norbuprenorphine	5.012	6455	83.29	97.8	3310.41	27953	9.9115 ng/ml
Nordiazepam	5.886	638105	25429.92	55.9	1375.20	217646	102.8941 ng/ml
Norfentanyl	4.090	318867	3968.30	36.5	1434.11	1326867	9.5244 ng/ml
Norhydrocodone	3.082	115657	469.12	40.2	1010.31	81500	94.7805 ng/ml
Noroxycodone	2.932	603249	6664.25	47.9	1137.47	198151	98.7391 ng/ml
O-desmethyl-tramadol	3.386	3149744	85674.79	6.3	8839.52	1638842	97.5727 ng/ml
Oxazepam	5.750	810174	6973.05	74.0	2840.56	444712	101.7126 ng/ml
Oxycodone	2.850	1263987	1048.47	30.1	2137.44	490197	106.2165 ng/ml
Oxymorphone	1.425	670184	∞	45.9	∞	230671	100.1158 ng/ml
Phentermine	3.787	687357	636.54	7.2	467.39	800237	100.4443 ng/ml
Promethazine	5.552	2842354	48932.42	30.1	25905.54	1169615	98.4046 ng/ml
Pseudoephedrine	2.604	2761979	26611.63	19.8	398.00	1341139	97.7658 ng/ml
Quetiapine	5.562	1512296	2129.30	61.8	44347.58	245998	100.2104 ng/ml
Sertraline	5.783	398935	7629.99	93.2	3125.10	162809	101.7553 ng/ml
Temazepam	5.817	1614295	1049.44	25.2	802.01	727580	95.9422 ng/ml
Tramadol	4.257	3301008	∞	3.5	274.77	1632247	103.6688 ng/ml
Trazodone	5.162	1837275	43483.80	81.7	462.24	772859	106.9321 ng/ml
Venlafaxine	5.056	2919095	136806.00	30.9	8182.63	1457911	100.2441 ng/ml
Zolpidem	4.920	2951484	71032.64	29.1	131827.78	1353040	109.7984 ng/ml

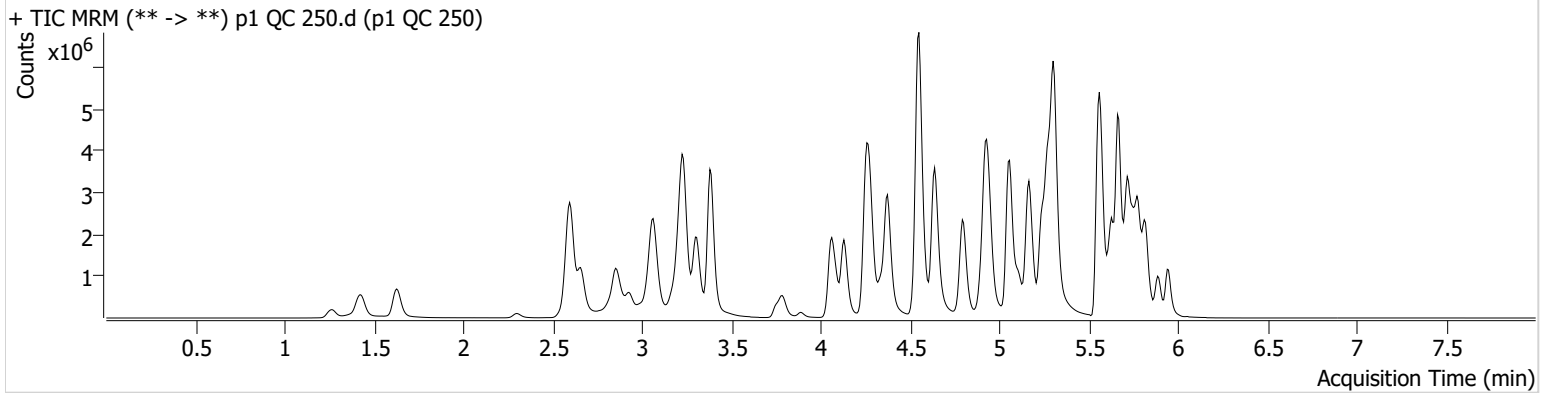
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 11:40:31 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	76459	1600.73	72.0	735.97	89951	24.9047 ng/ml
7-aminoclonazepam	4.270	367195	1779.21	75.3	131.77	61842	260.1771 ng/ml
a-hydroxyalprazolam	5.692	315434	415.03	66.1	1093.25	459267	247.9319 ng/ml
alpha-PHP	4.943	1159751	12892.63	259.4	262718.80	695206	253.7012 ng/ml
alpha-PVP	4.375	4598466	2671.15	52.5	41125.37	695206	248.9054 ng/ml
Alprazolam	5.769	1762471	1032.87	110.8	1796.13	276855	252.1029 ng/ml
Amphetamine	3.065	4736476	62796.00	48.4	747.35	468053	185.0431 ng/ml
Benzoylecgonine	3.890	119509	835.84	8.9	897.75	15662	253.8526 ng/ml
Buprenorphine	5.820	99355	8502.81	15.3	27718.22	139816	24.8511 ng/ml
Bupropion	4.794	3648570	359368.01	68.8	19904.57	593250	245.4088 ng/ml
Carisoprodol	5.724	1359459	78599.04	64.8	529.05	225908	249.0393 ng/ml
Citalopram	5.239	3365006	61852.11	34.9	62817.60	569547	252.1807 ng/ml
Clonazepam	5.612	1507096	67770.02	35.1	18144.07	96792	263.1890 ng/ml
Clonazepam	5.556	920727	2569.43	40.4	589389.42	96792	213.8891 ng/ml
Cocaine	4.276	2533209	277269.65	59.0	57747.89	899797	250.3981 ng/ml
Codeine	2.600	280548	4296.66	97.8	617.59	69697	228.4100 ng/ml
Cyclobenzaprine	5.635	2992541	67391.26	7.4	8168.10	450622	243.5698 ng/ml
Dextromethorphan	5.281	1774246	59336.67	81.3	89889.88	294953	252.2004 ng/ml
Dextrophan	4.130	1377269	410410.59	201.1	2738.53	517200	253.9788 ng/ml
Diazepam	5.947	1168752	4594.24	91.7	4133.88	216412	260.9880 ng/ml
Dihydrocodeine	2.573	914086	16899.20	68.2	813.26	250297	246.8967 ng/ml
Diphenhydramine	5.309	8635614	116133.16	32.0	159750.61	1522451	275.5502 ng/ml
Doxylamine	4.548	9567272	127692.78	96.9	180590.67	1625990	268.4145 ng/ml
EDDP	5.274	3661473	119422.27	40.5	42031.15	768633	238.3773 ng/ml
Etizolam	5.807	816987	1716.62	26.0	1334.32	96792	238.4834 ng/ml
Fentanyl	5.116	425849	17360.52	65.2	1803.96	802969	25.2388 ng/ml
Flualprazolam	5.706	835783	15341.16	105.6	32443.48	276855	260.6995 ng/ml
Fluoxetine	5.714	2450648	46848.50	7.9	449.84	349974	244.2113 ng/ml
Hydrocodone	3.034	1427571	1034.25	38.5	852.09	349049	245.8466 ng/ml
Hydromorphone	1.628	1342445	6632259.92	75.8	5090.70	164770	248.9622 ng/ml
Ketamine	4.056	2940213	59047.95	33.7	1144.84	560574	261.7629 ng/ml
Lamotrigine	4.292	234527	3146.82	93.3	2306.71	1091446	262.7533 ng/ml
Levetiracetam	2.658	1104416	38475.15	162.9	68910.43	1091446	242.1434 ng/ml

CS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	646453	10200.67	52.5	906.40	251190	229.3542 ng/ml
MDA	3.205	2701488	413.96	36.4	240.02	481993	223.8240 ng/ml
MDMA	3.306	2208736	20021.19	130.3	6121.84	117125	255.0483 ng/ml
Meprobamate	4.910	1062961	22576.05	28.3	145.89	273421	196.3011 ng/ml
Methadone	5.666	5994826	139286.88	53.6	22803.17	893380	264.8208 ng/ml
Methamphetamine	3.233	6996340	9655.88	36.7	3079.89	1108277	246.3119 ng/ml
Metoprolol	4.338	821541	6141.82	101.2	73198.48	1091446	260.8251 ng/ml
Mirtazapine	4.636	6441397	127161.64	50.8	1669.47	695206	249.7673 ng/ml
Mitragynine	5.243	1097880	63315.65	36.5	71530.87	893380	263.6861 ng/ml
Morphine	1.267	221248	591.96	25.8	531.75	16065	252.5027 ng/ml
Norbuprenorphine	5.012	15294	36709.56	98.7	678.49	26510	25.2692 ng/ml
Nordiazepam	5.886	1195548	1327.05	56.6	635.64	165729	253.7334 ng/ml
Norfentanyl	4.090	727136	5791.94	37.1	3321.76	1121568	25.5784 ng/ml
Norhydrocodone	3.082	242460	555.91	41.0	265.20	64064	251.0809 ng/ml
Noroxycodone	2.925	1125380	7983.28	47.7	2112.31	145471	250.9789 ng/ml
O-desmethyl-tramadol	3.379	7407530	96953.51	6.2	1543.91	1477401	254.0569 ng/ml
Oxazepam	5.750	1140332	19479.32	70.8	3347.01	251190	253.9497 ng/ml
Oxycodone	2.850	2685965	1434.15	30.0	1401.34	454752	244.3546 ng/ml
Oxymorphone	1.425	1419341	∞	46.7	580.31	193190	253.2546 ng/ml
Phentermine	3.787	1379934	∞	7.0	1817.62	735881	220.1672 ng/ml
Promethazine	5.552	6173847	52735.74	29.5	21352.72	966535	258.0783 ng/ml
Pseudoephedrine	2.597	5847641	3163.66	19.4	72016.86	1091446	253.6507 ng/ml
Quetiapine	5.562	3196037	157221.18	61.2	1367.47	218738	239.2003 ng/ml
Sertraline	5.783	705938	2943.26	93.5	32458.05	116562	250.9498 ng/ml
Temazepam	5.817	2588323	27764.53	25.7	200.80	459267	243.7120 ng/ml
Tramadol	4.251	7407631	∞	3.3	3251.26	1400578	271.9765 ng/ml
Trazodone	5.162	4265665	130783.80	85.7	405426.42	746725	257.5916 ng/ml
Venlafaxine	5.056	6916016	2107.03	29.9	1256.02	1324675	260.9085 ng/ml
Zolpidem	4.920	6794219	122661.99	27.9	32288.79	1255606	273.4600 ng/ml

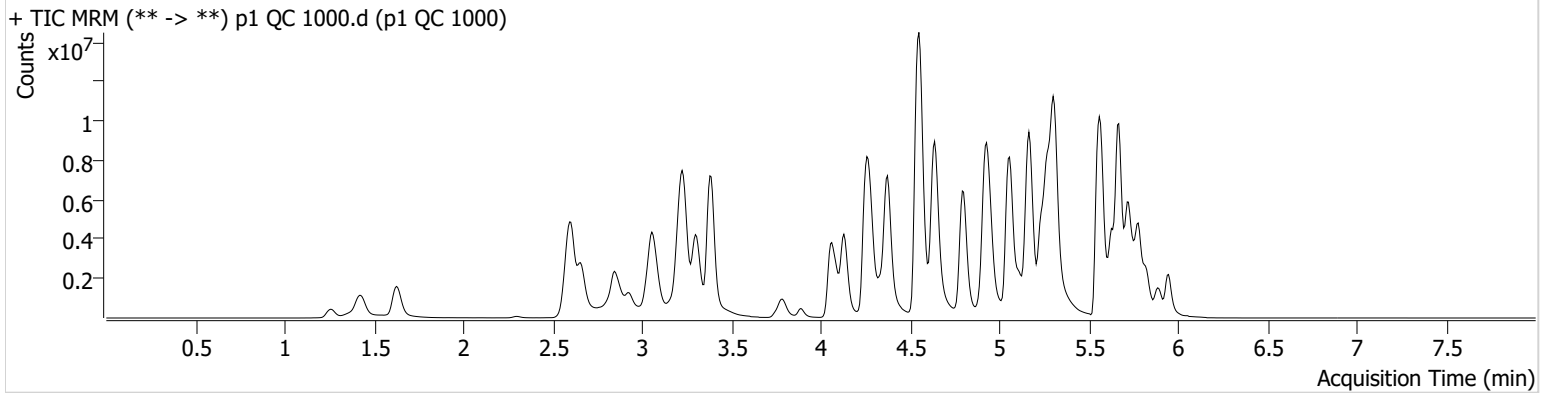
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	10/19/2022 12:01:46 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	248527	6667.69	68.7	327.22	70684	103.2211 ng/ml
7-aminoclonazepam	4.270	925338	305.10	70.7	3058.39	54540	747.8503 ng/ml
a-hydroxyalprazolam	5.692	370054	1437.42	68.6	825.94	115174	1160.6096 ng/ml
alpha-PHP	4.949	2752056	22853.24	261.3	104273.50	469613	892.4907 ng/ml
alpha-PVP	4.375	13233449	687.59	51.9	724.35	469613	1059.4788 ng/ml
Alprazolam	5.769	3422487	3452.22	107.3	893.58	138348	979.9593 ng/ml
Amphetamine	3.058	9076723	61198.96	47.5	67068.67	349387	476.4230 ng/ml
Benzoylecgonine	3.890	473471	2062.43	9.0	324.98	15811	998.1724 ng/ml
Buprenorphine	5.826	266292	29648.18	15.2	118066.25	91784	101.4914 ng/ml
Bupropion	4.794	11359475	630621.50	68.1	55234.12	478944	946.9668 ng/ml
Carisoprodol	5.731	1619592	34220.41	66.0	4467.75	59687	1121.1939 ng/ml
Citalopram	5.232	6883011	344140.10	34.9	98314.07	273165	1074.6293 ng/ml
Clonazepam	5.612	1654865	63678.44	35.9	2517.15	31459	892.0230 ng/ml
Clonazepam	5.569	939745	914.59	39.8	1883.14	31459	674.0388 ng/ml
Cocaine	4.276	5948352	138710.34	59.4	66362.86	520039	1017.4603 ng/ml
Codeine	2.600	569858	14004.95	96.2	19163.97	40449	801.4740 ng/ml
Cyclobenzaprine	5.635	7116051	47954.15	7.0	6022.90	243887	1068.4497 ng/ml
Dextromethorphan	5.281	3436210	30673.10	80.7	∞	142135	1013.3087 ng/ml
Dextrophan	4.130	3670839	35326.15	208.5	39690.07	325936	1073.7104 ng/ml
Diazepam	5.947	2674154	7239.18	88.7	∞	125219	1032.6649 ng/ml
Dihydrocodeine	2.566	2230093	24000.46	69.6	22007.55	216660	697.7434 ng/ml
Diphenhydramine	5.309	19343812	∞	34.1	188663.14	851706	1104.6298 ng/ml
Doxylamine	4.548	24825849	153043.88	96.6	210989.65	1241833	912.3172 ng/ml
EDDP	5.274	10154935	60343.42	39.2	77107.48	507054	1001.6334 ng/ml
Etizolam	5.807	1713393	8074.99	25.6	9385.12	31459	1535.5438 ng/ml
Fentanyl	5.109	1578024	14660.34	64.1	46193.66	696672	107.5975 ng/ml
Flualprazolam	5.706	1411316	29115.70	108.0	18667.40	138348	883.0416 ng/ml
Fluoxetine	5.721	6535014	136095.40	7.1	84908.15	198989	1143.9003 ng/ml
Hydrocodone	3.027	3754715	189.47	40.9	221.46	266009	850.8916 ng/ml
Hydromorphone	1.628	3597077	29708919.96	76.9	18291678.0	108321	1014.7165 ng/ml
Ketamine	4.056	8005454	13469.96	32.3	982.92	421759	948.9004 ng/ml
Lamotrigine	4.299	398375	13281.74	93.8	763.15	573286	851.9702 ng/ml

AM #28 Multi-Drug Quant. Results

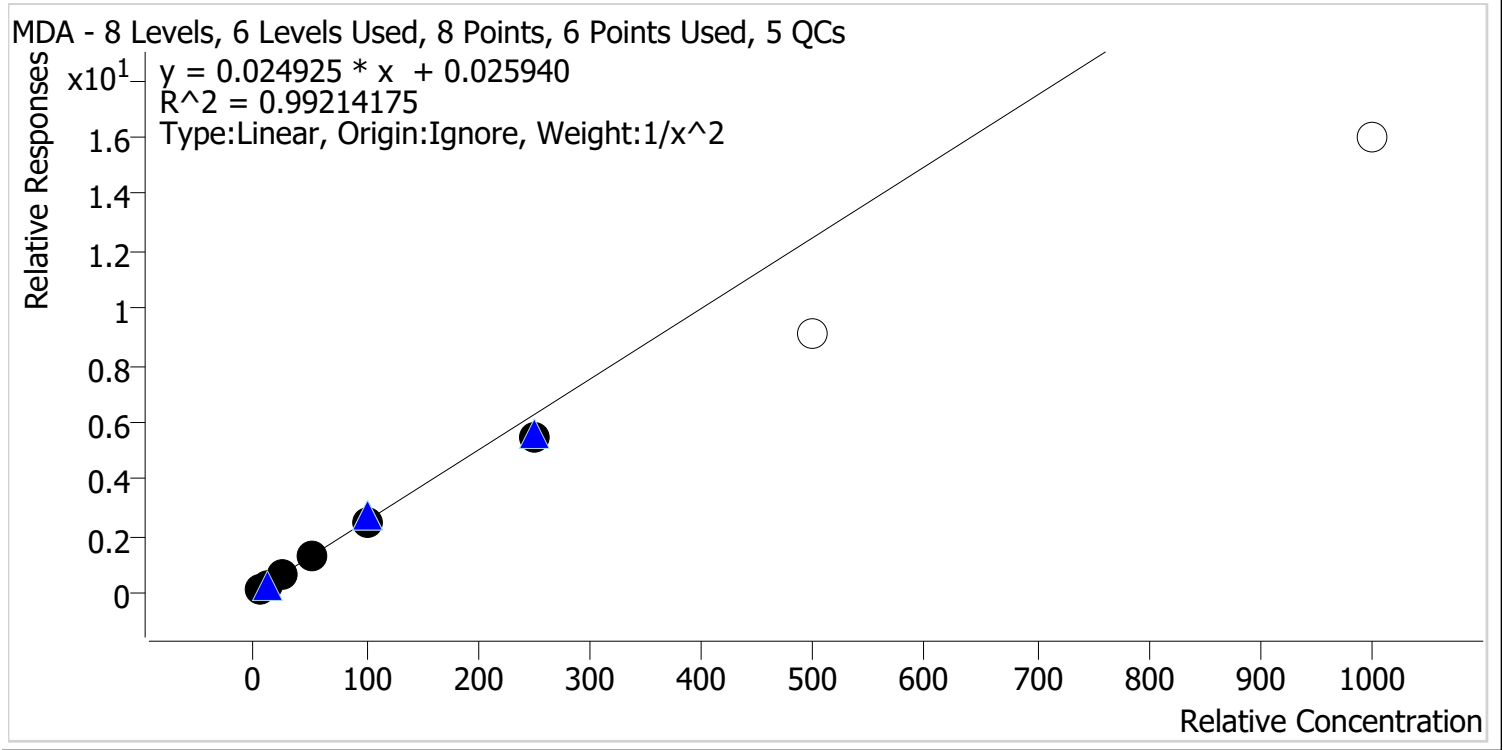


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.658	2558702	17886.88	165.6	1339.29	573286	1066.3285 ng/ml
Lorazepam	5.747	709564	26717.36	50.7	1415.22	59298	1070.6442 ng/ml
MDA	3.199	4616423	43694.99	35.7	1357.71	266946	692.7689 ng/ml
MDMA	3.299	5197116	95154.73	131.2	13545.04	73205	960.7440 ng/ml
Meprobamate	4.903	1439569	23671.71	28.2	9884.07	142331	512.2249 ng/ml
Methadone	5.666	14571117	2431.09	55.8	224091.50	556887	1031.1958 ng/ml
Methamphetamine	3.233	16939477	332143.79	35.4	121958.70	957399	693.7651 ng/ml
Metoprolol	4.338	1722870	15019.14	101.6	58274.47	573286	1040.9420 ng/ml
Mirtazapine	4.636	17675401	501236.29	50.8	434090.22	469613	1013.4473 ng/ml
Mitragynine	5.243	2987014	950.74	37.9	392832.64	556887	1151.9695 ng/ml
Morphine	1.261	523241	1947.16	25.7	6670.51	10301	931.5519 ng/ml
Norbuprenorphine	5.012	47422	1703.35	99.0	862.81	19947	105.1841 ng/ml
Nordiazepam	5.893	1951507	36748.12	55.6	25682.63	73256	938.0247 ng/ml
Norfentanyl	4.090	2029755	131977.60	36.9	∞	565590	141.2770 ng/ml
Norhydrocodone	3.082	700935	174.54	41.9	205.15	41971	1104.4941 ng/ml
Noroxycodone	2.925	2267505	6098.22	47.8	12052.47	70465	1044.1169 ng/ml
O-desmethyl-tramadol	3.384	19812969	∞	6.2	827.75	982349	1021.0558 ng/ml
Oxazepam	5.750	1004803	6131.44	71.6	∞	59298	948.7903 ng/ml
Oxycodone	2.836	6532056	770.72	29.7	11344.53	341082	794.1220 ng/ml
Oxymorphone	1.425	3603068	312.09	46.2	356.46	124776	995.5704 ng/ml
Phentermine	3.787	3140466	∞	6.9	1713.27	592602	623.5618 ng/ml
Promethazine	5.552	16167015	144552.25	29.9	96661.96	627858	1039.2852 ng/ml
Pseudoephedrine	2.604	13331925	97299.54	19.1	2874.53	573286	1099.5365 ng/ml
Quetiapine	5.569	6310774	46411.34	61.7	88239.91	136613	757.8606 ng/ml
Sertraline	5.783	1687085	1576.48	90.9	509.17	68172	1024.2758 ng/ml
Temazepam	5.824	2536810	18206.26	27.2	288.77	115174	952.5038 ng/ml
Tramadol	4.251	17836613	∞	3.4	531.08	995210	922.8997 ng/ml
Trazodone	5.162	13169761	443538.39	83.6	305345.32	683152	870.3660 ng/ml
Venlafaxine	5.056	18690660	1207979.35	29.6	12112.07	857410	1088.4251 ng/ml
Zolpidem	4.920	16816427	213782.80	27.4	2351.52	982146	866.8962 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



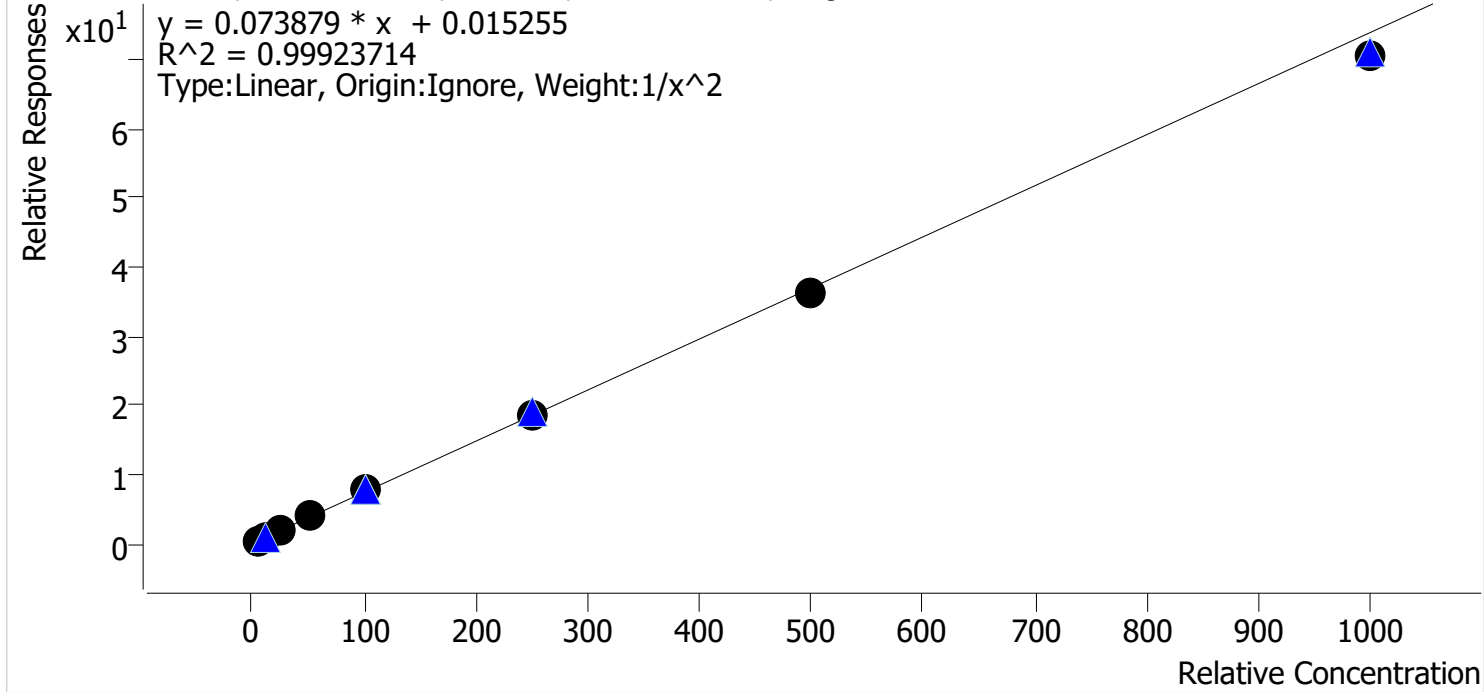
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	218.1	87.2
p1 Cal 7-500ng	7	✗	500.0	364.4	72.9
p1 Cal 8-1000ng	8	✗	1000.0	640.6	64.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



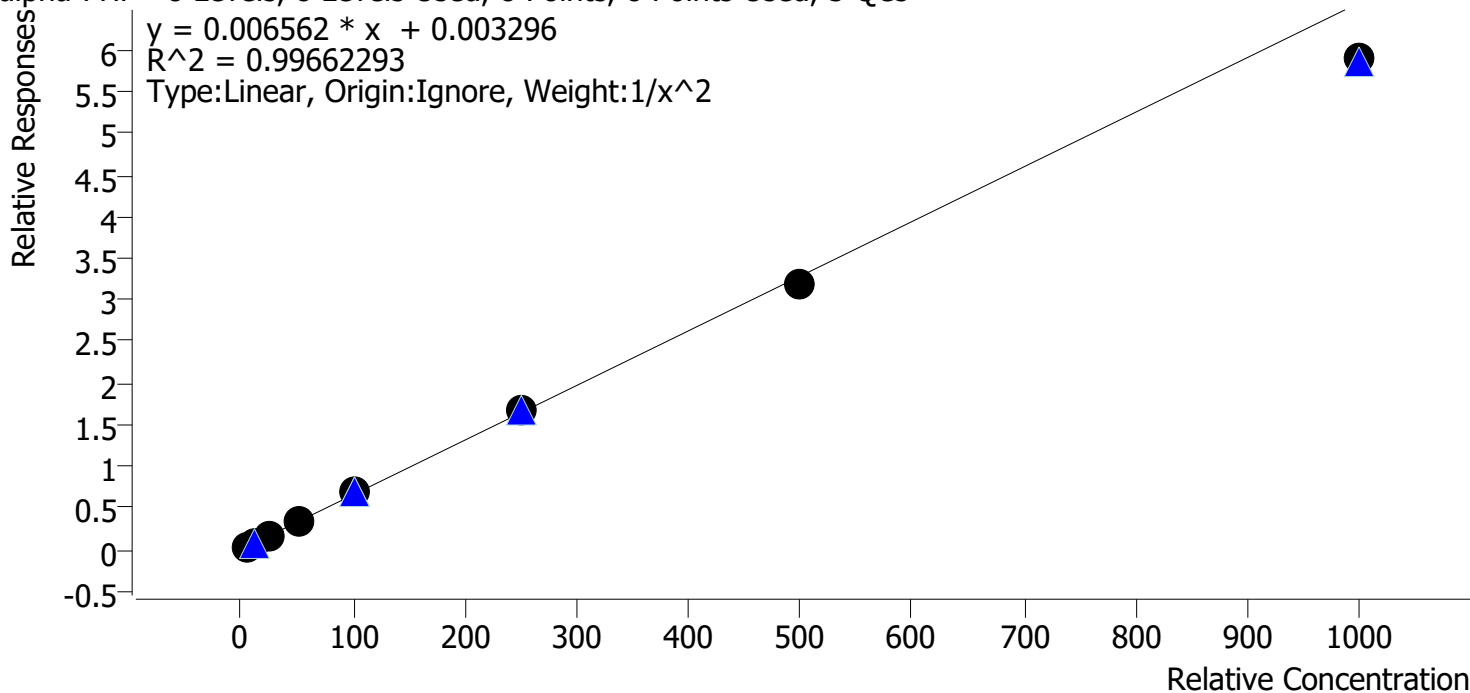
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	493.2	98.6
p1 Cal 8-1000ng	8	✓	1000.0	952.0	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

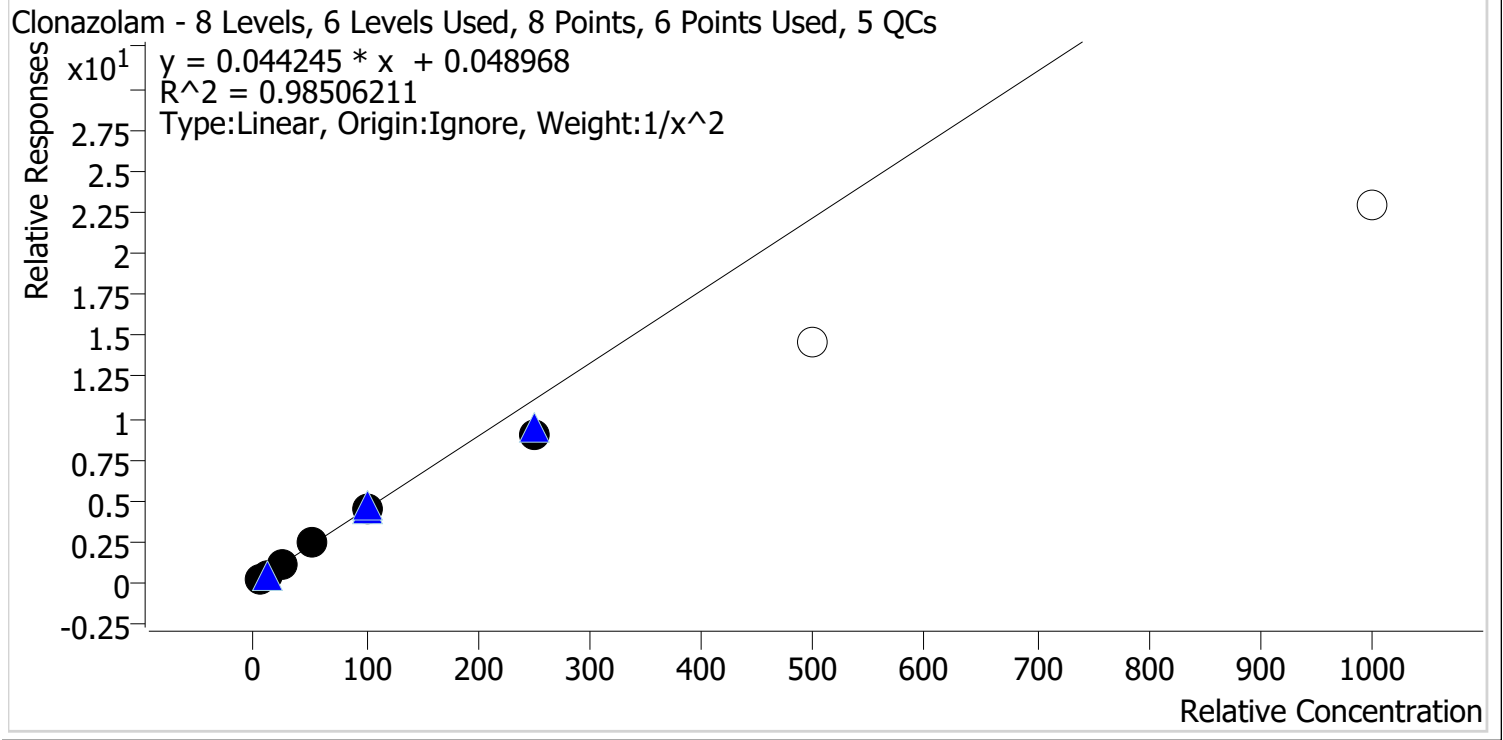


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	898.1	89.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



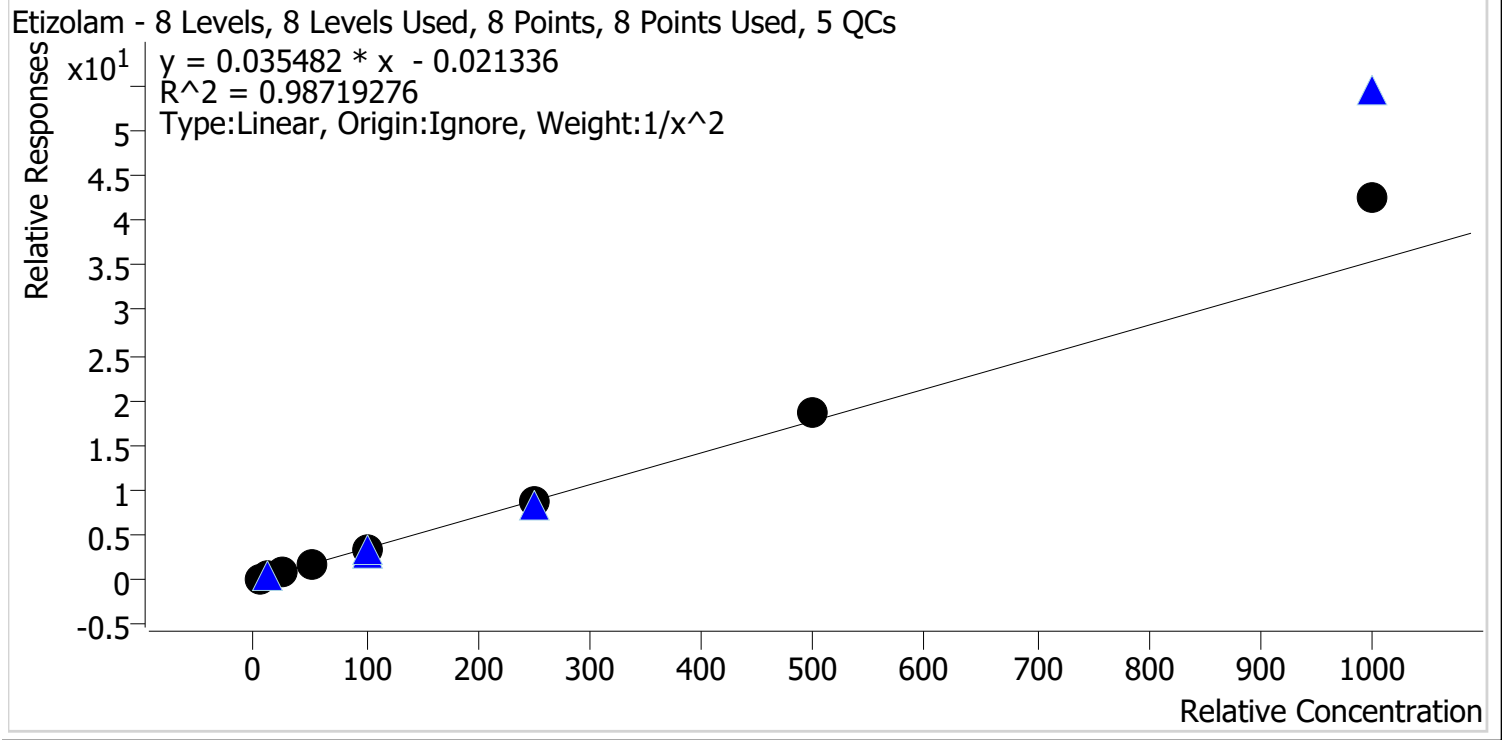
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	204.6	81.8
p1 Cal 7-500ng	7	x	500.0	329.1	65.8
p1 Cal 8-1000ng	8	x	1000.0	518.1	51.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



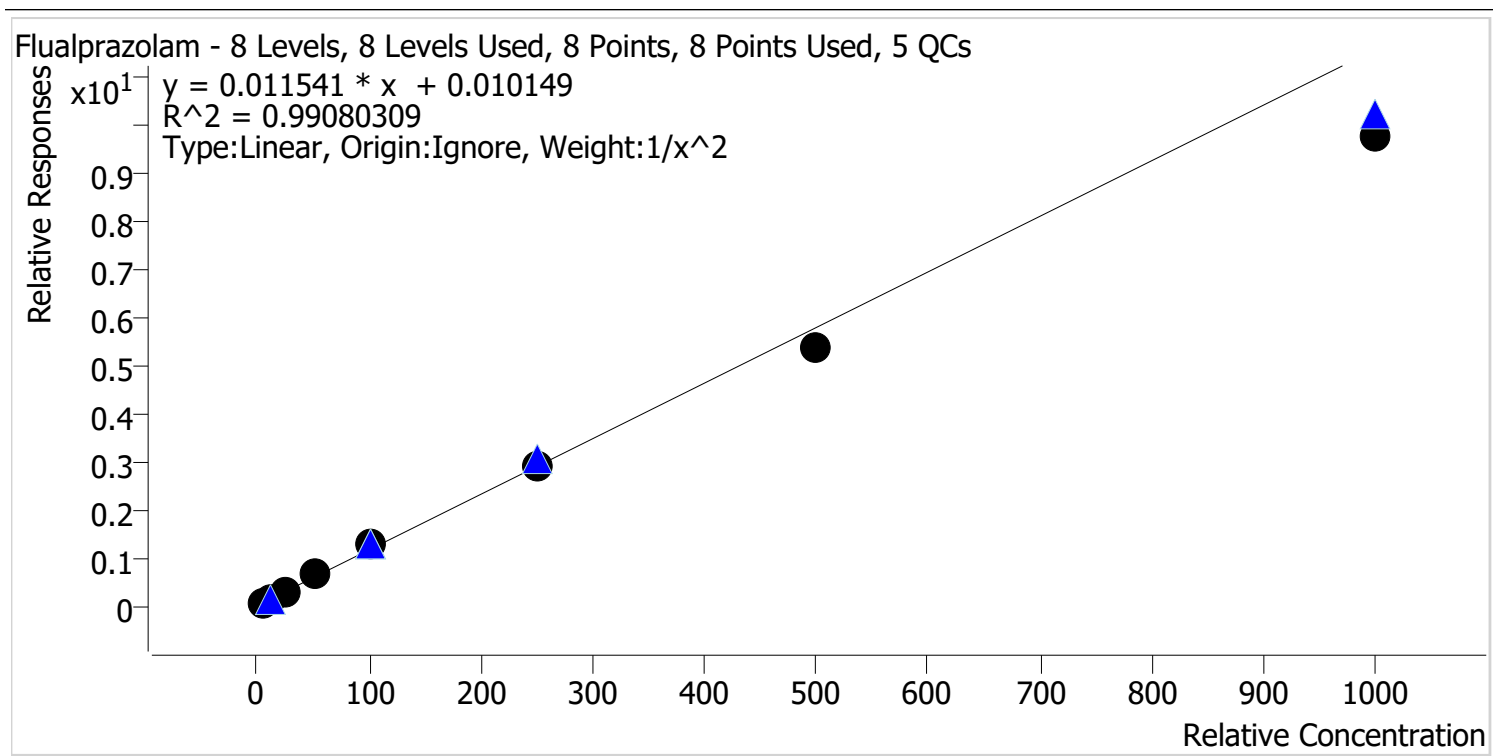
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.8
p1 Cal 4-50ng	4	✓	50.0	46.5	92.9
p1 Cal 5-100ng	5	✓	100.0	92.0	92.0
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	525.0	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1195.7	119.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

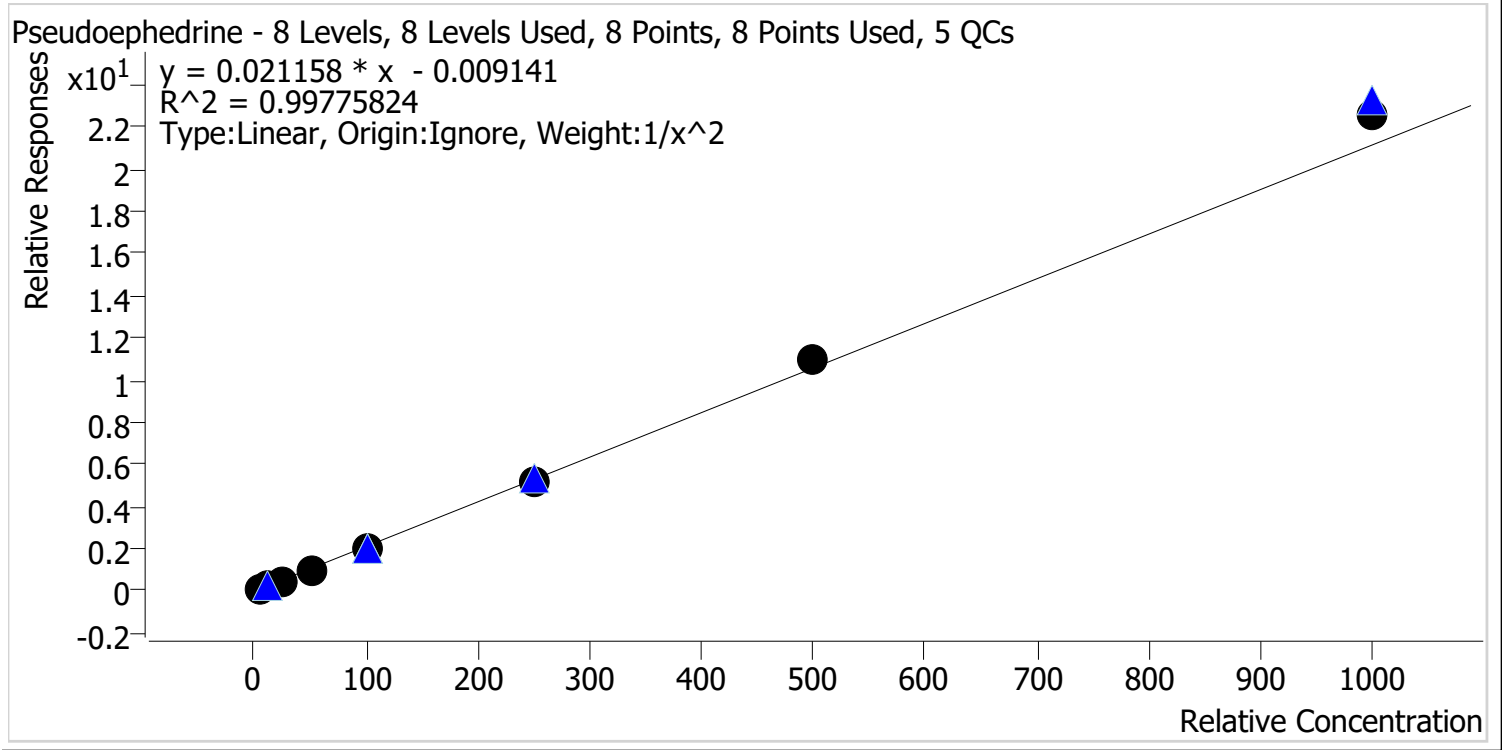


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	466.1	93.2
p1 Cal 8-1000ng	8	✓	1000.0	844.5	84.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



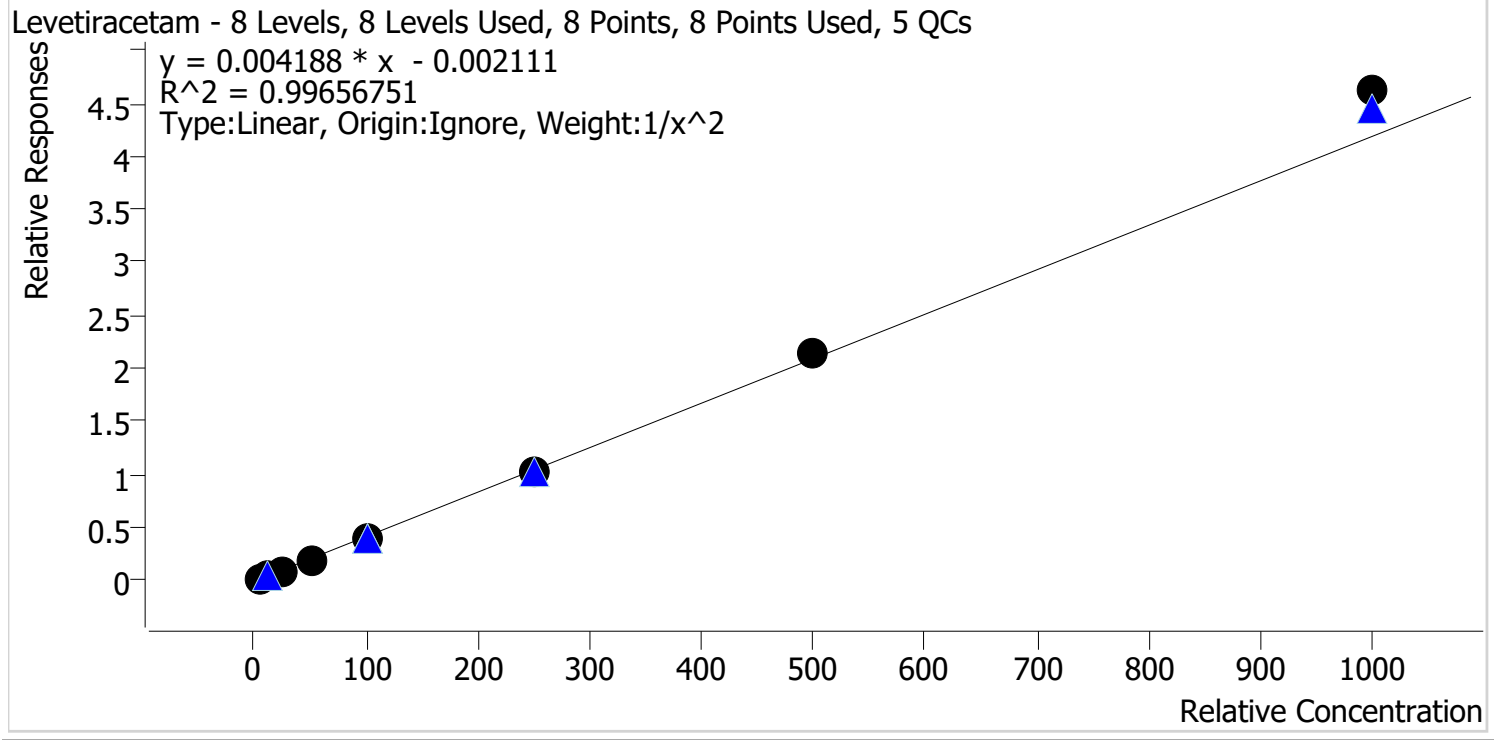
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1071.2	107.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

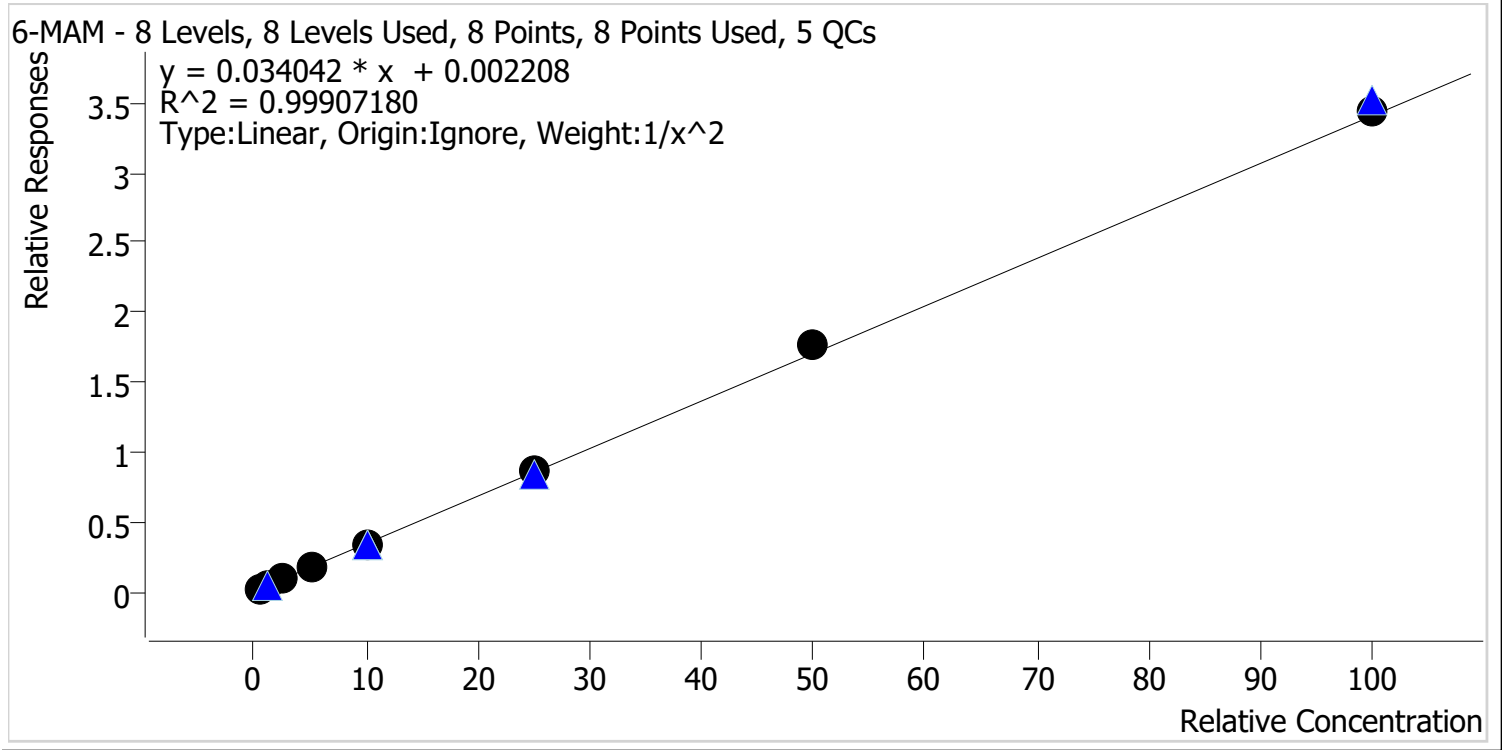


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1103.1	110.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



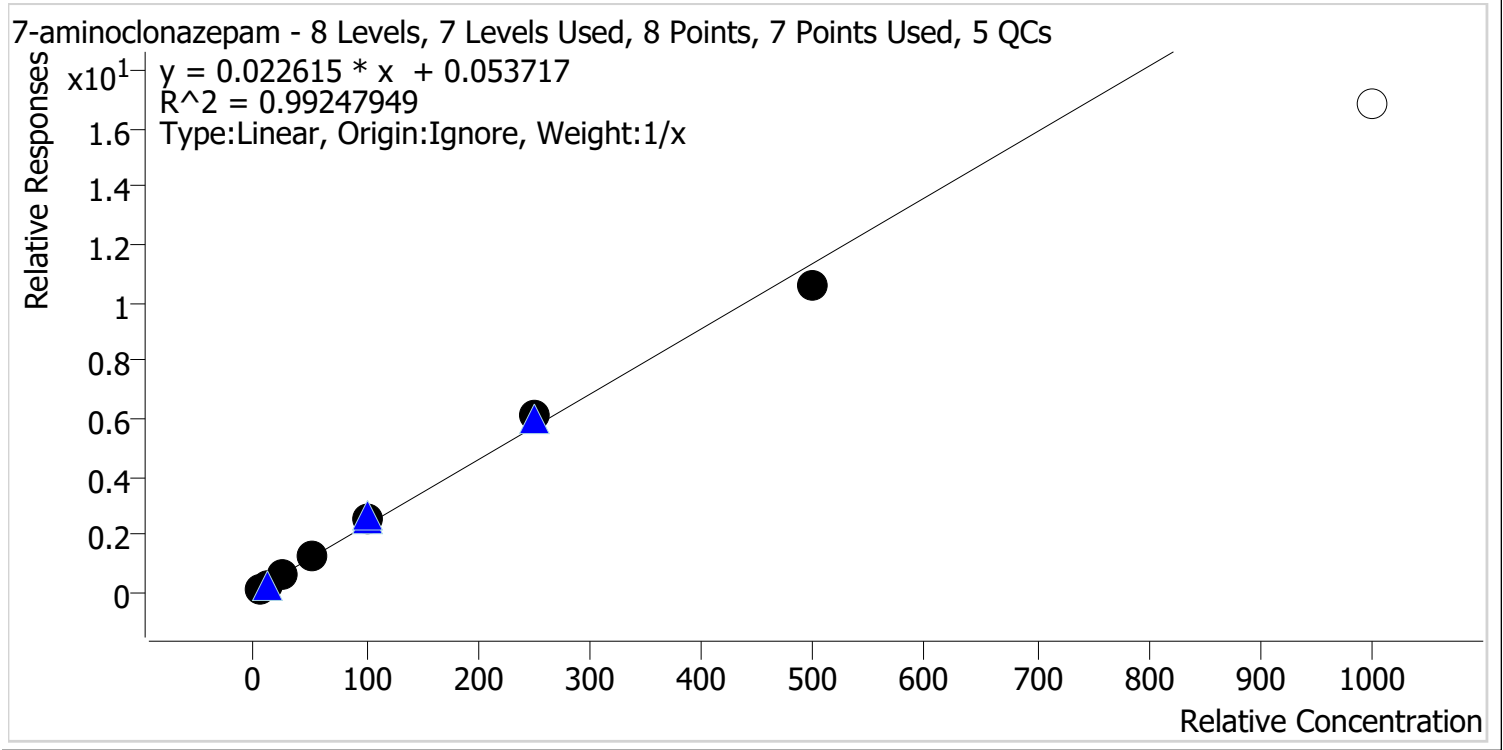
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	97.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.3
p1 Cal 4-50ng	4	✓	5.0	5.0	100.6
p1 Cal 5-100ng	5	✓	10.0	9.6	96.1
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	51.7	103.5
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.6	71.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	56.3	112.5
p1 Cal 5-100ng	5	✓	100.0	110.1	110.1
p1 Cal 6-250ng	6	✓	250.0	268.1	107.2
p1 Cal 7-500ng	7	✓	500.0	465.2	93.0
p1 Cal 8-1000ng	8	✗	1000.0	740.9	74.1

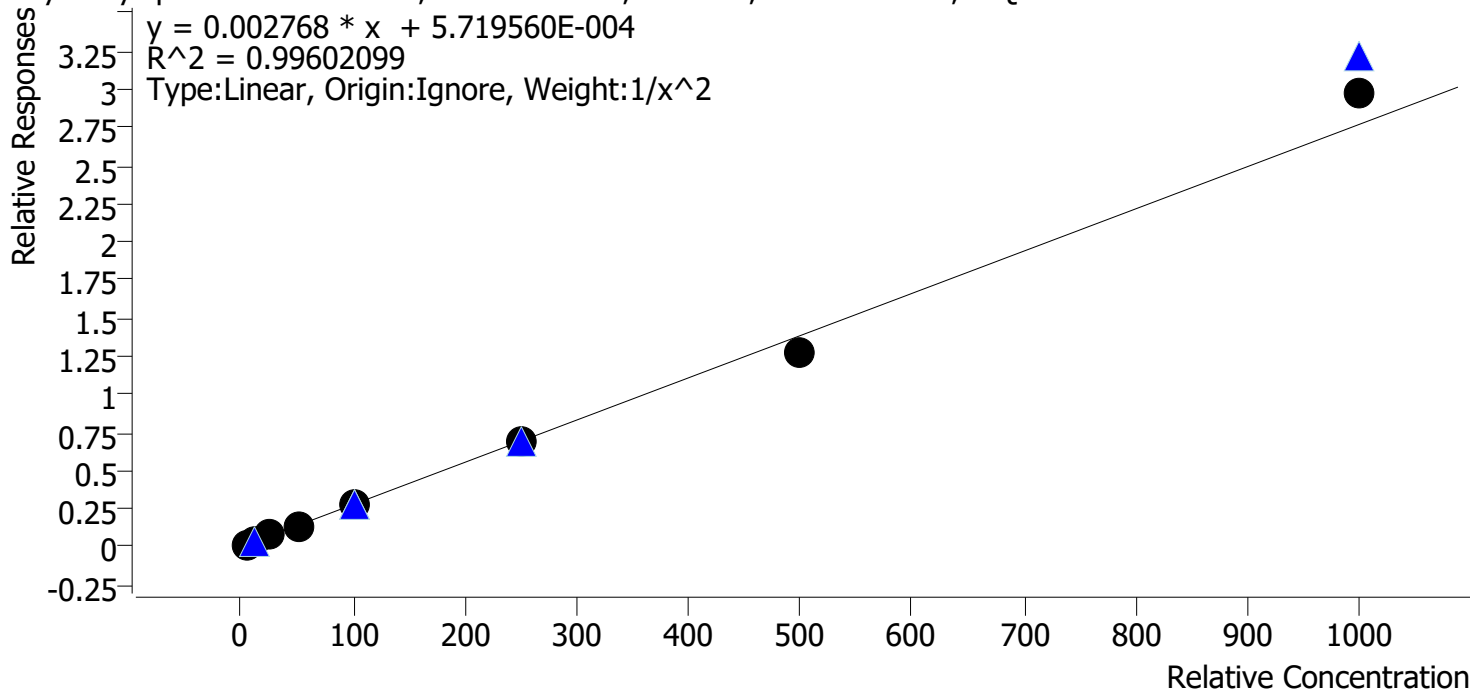
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs

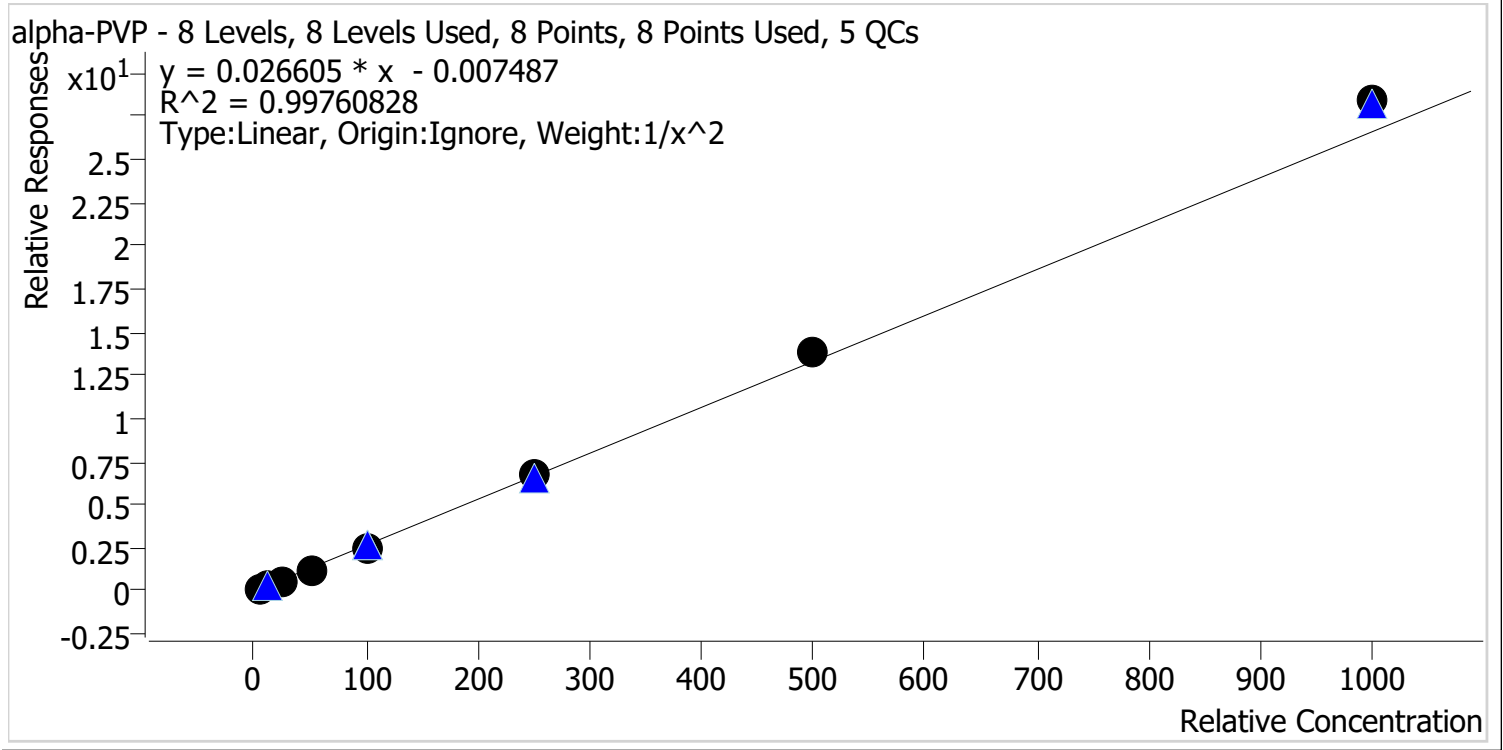


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	245.6	98.3
p1 Cal 7-500ng	7	✓	500.0	457.7	91.5
p1 Cal 8-1000ng	8	✓	1000.0	1075.1	107.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



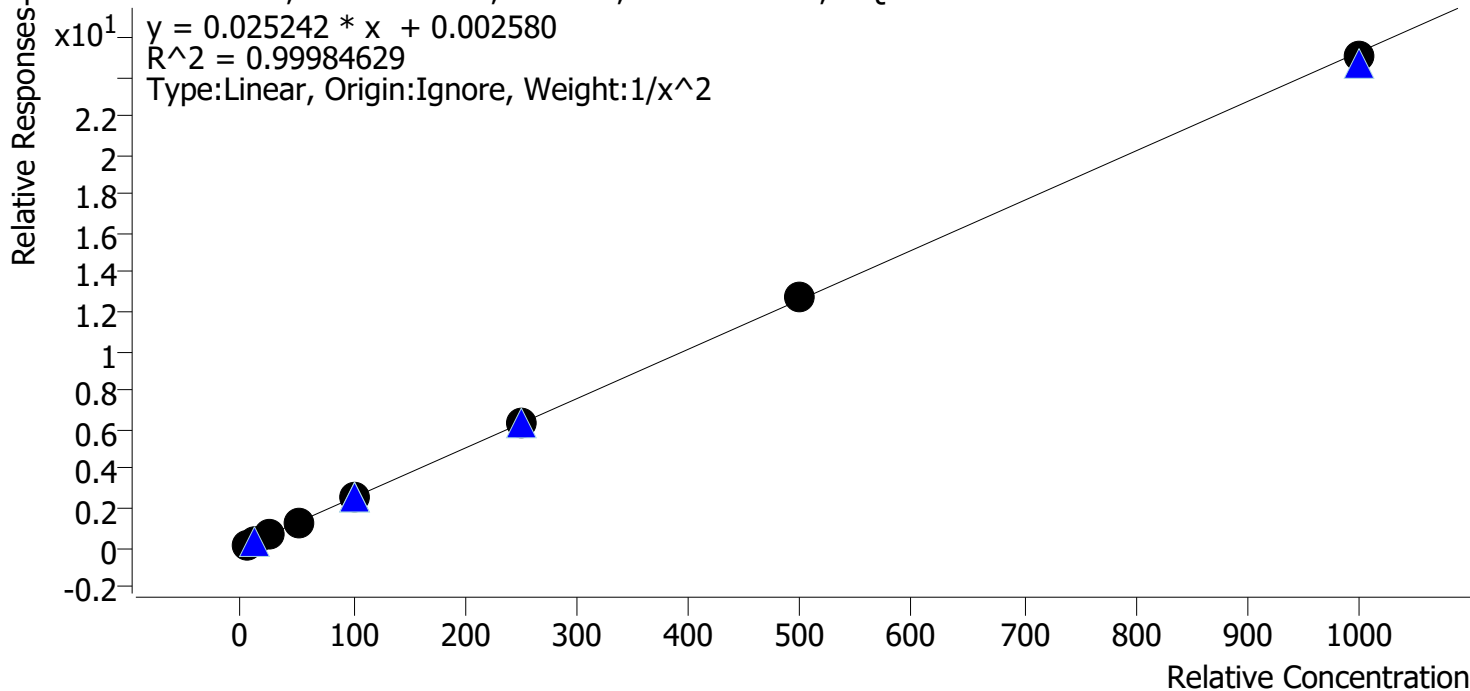
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	519.4	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1067.8	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



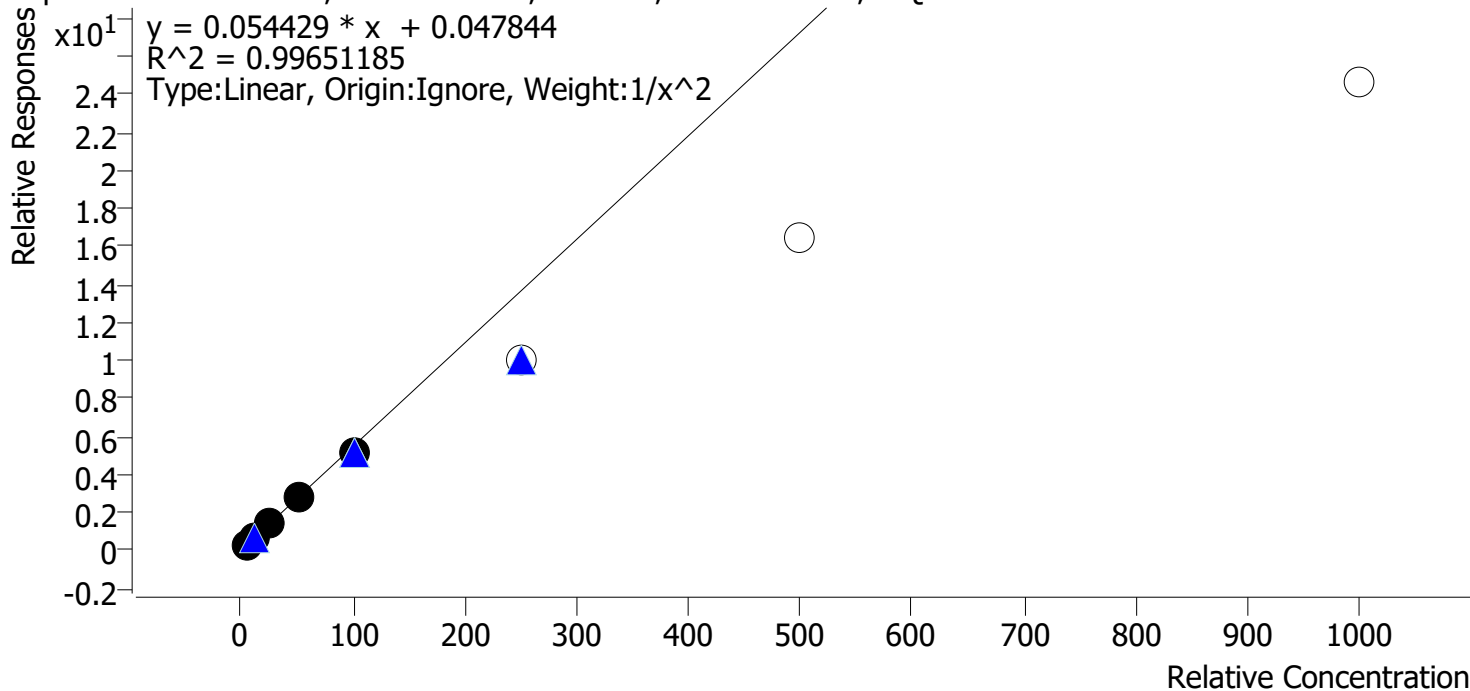
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	502.7	100.5
p1 Cal 8-1000ng	8	✓	1000.0	990.8	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



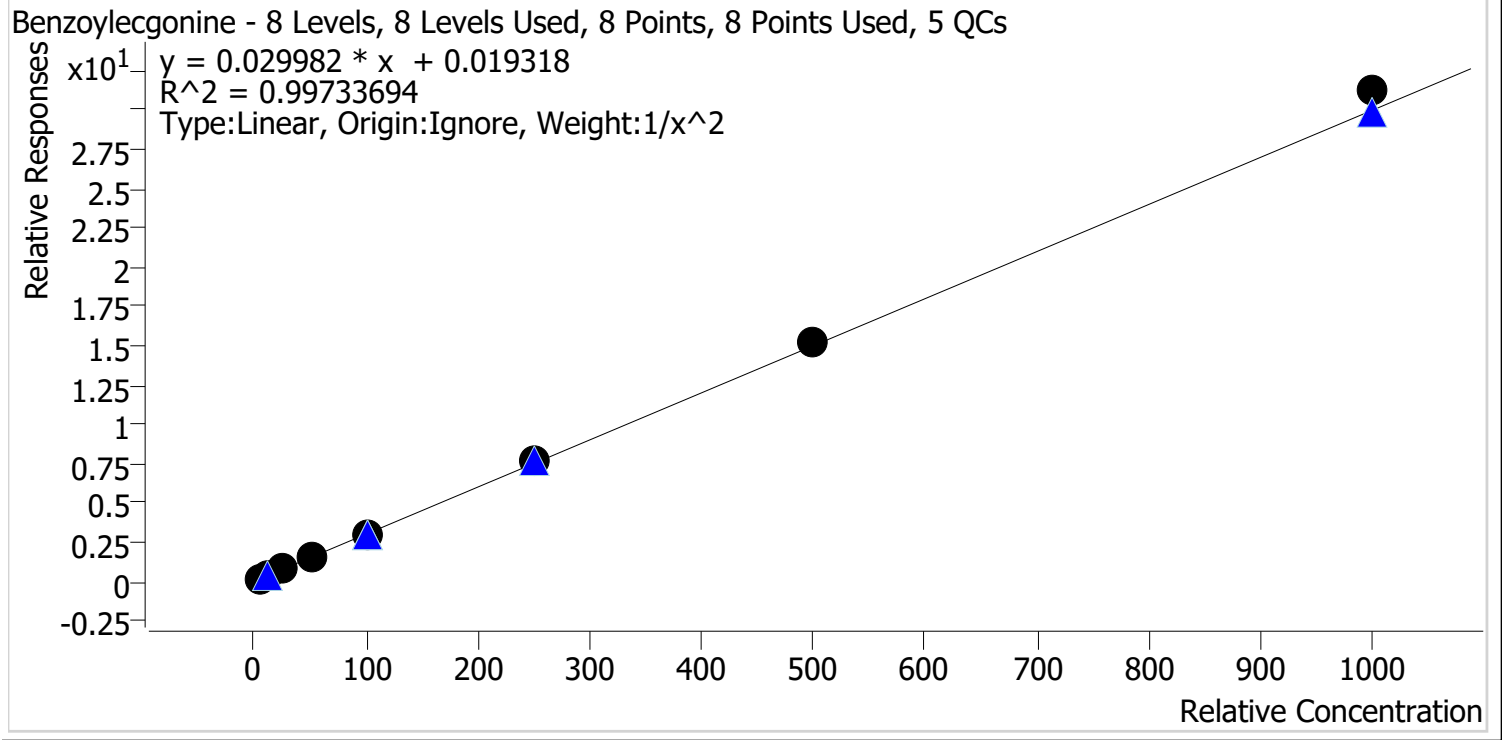
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	✗	250.0	182.5	73.0
p1 Cal 7-500ng	7	✗	500.0	301.9	60.4
p1 Cal 8-1000ng	8	✗	1000.0	452.5	45.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.2	91.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	259.6	103.9
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1041.9	104.2

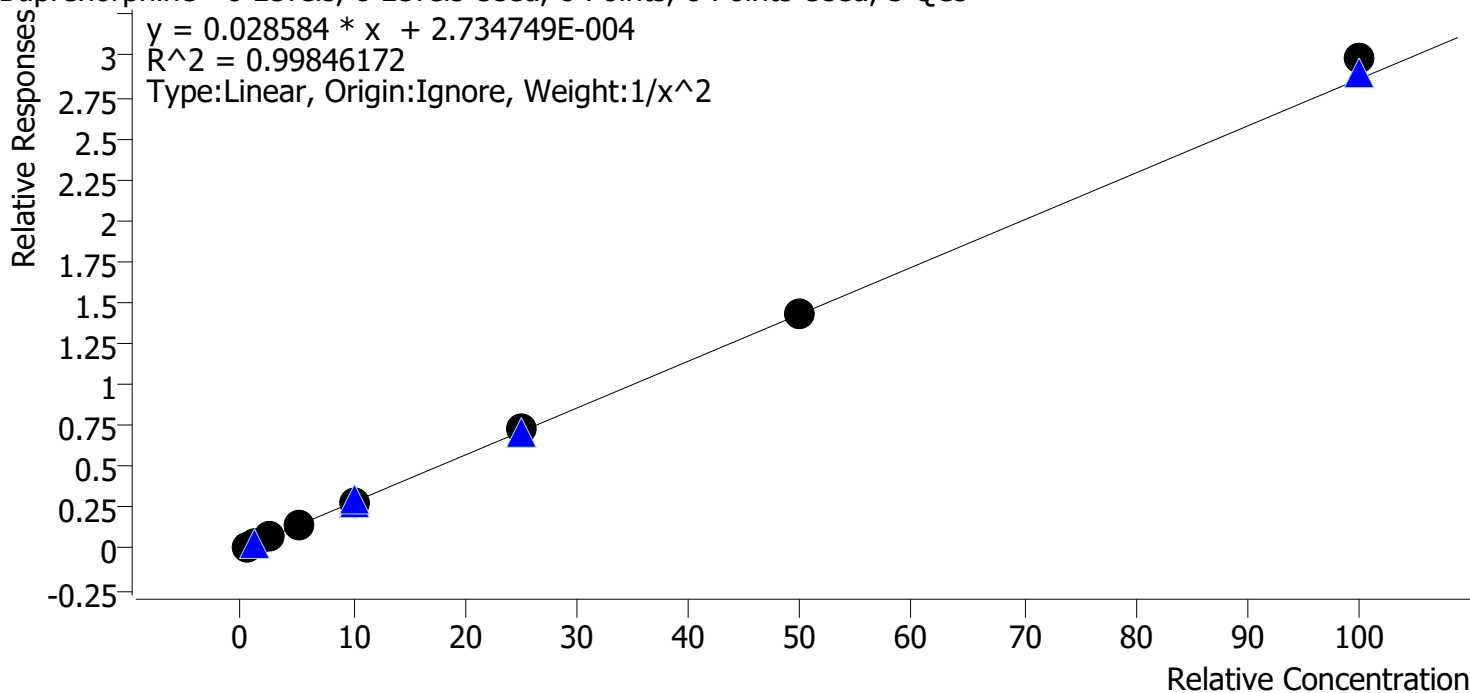
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

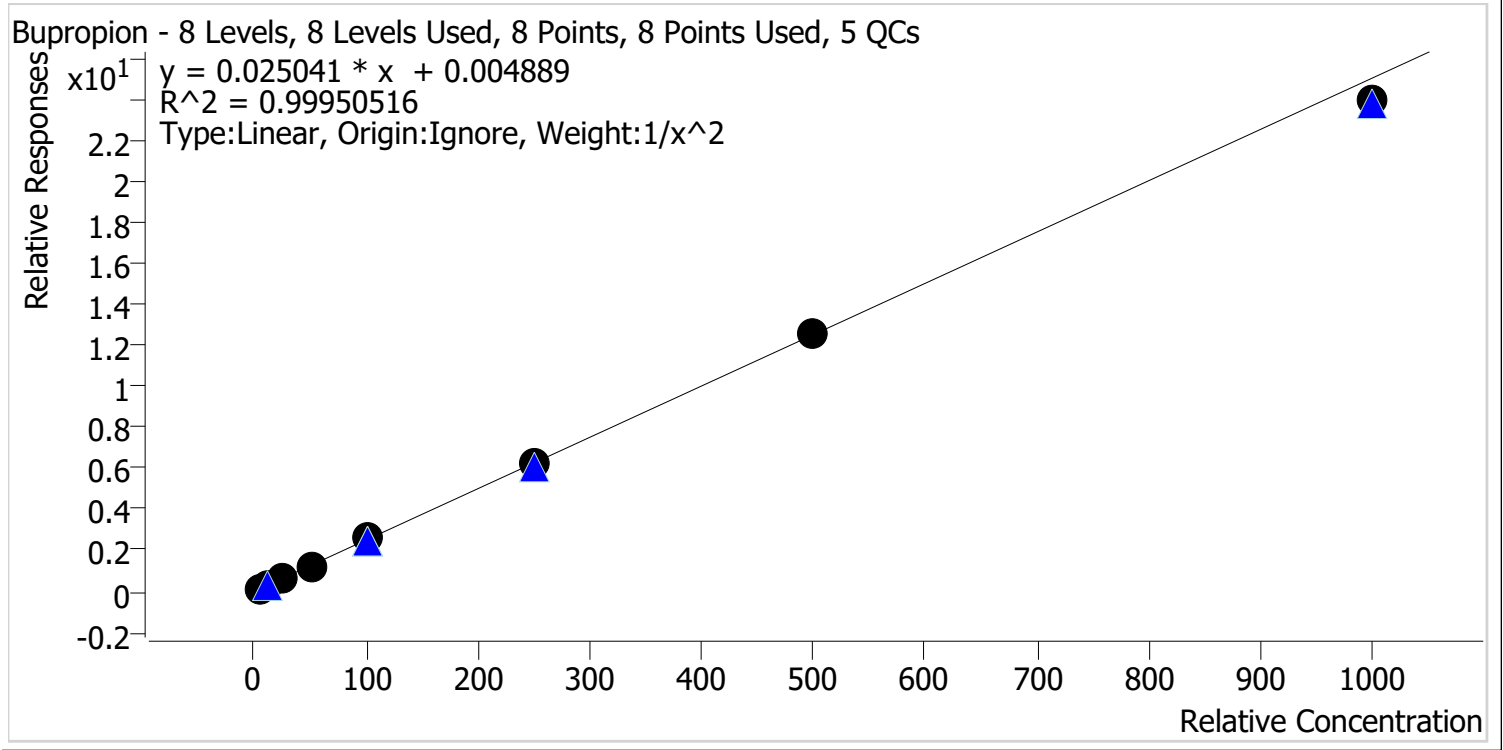


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.1
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.7
p1 Cal 4-50ng	4	✓	5.0	4.9	97.1
p1 Cal 5-100ng	5	✓	10.0	10.2	101.6
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	50.0	99.9
p1 Cal 8-1000ng	8	✓	100.0	104.3	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



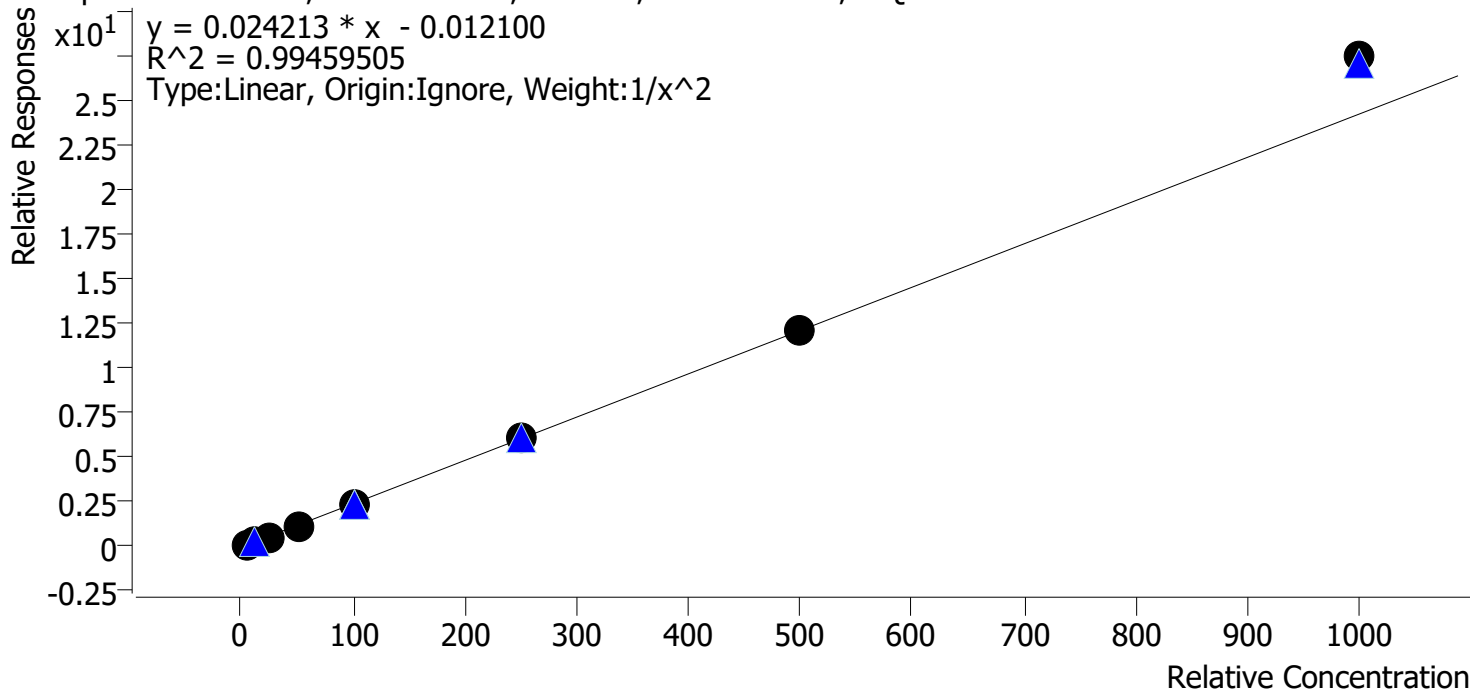
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	956.2	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

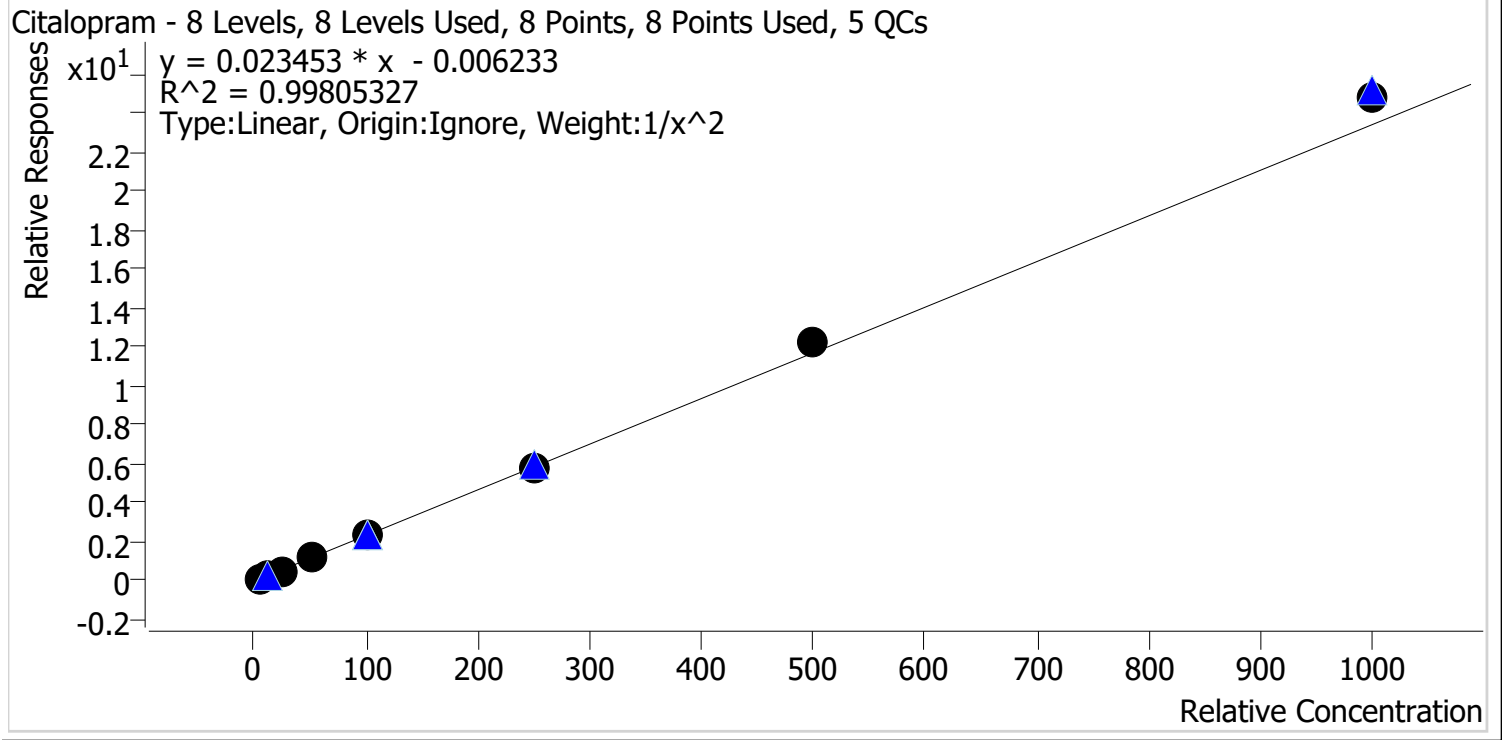


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	501.6	100.3
p1 Cal 8-1000ng	8	✓	1000.0	1132.8	113.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



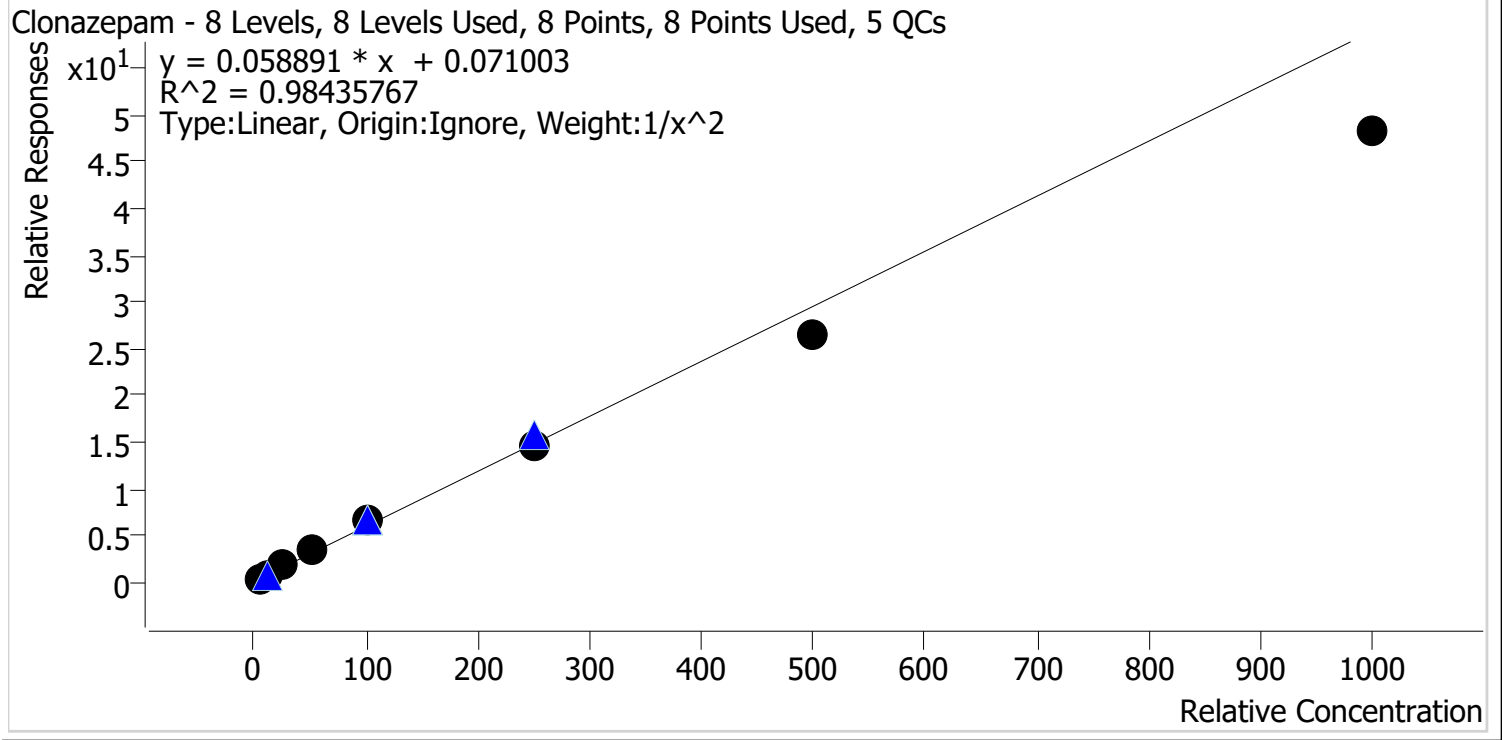
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	522.7	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1056.1	105.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

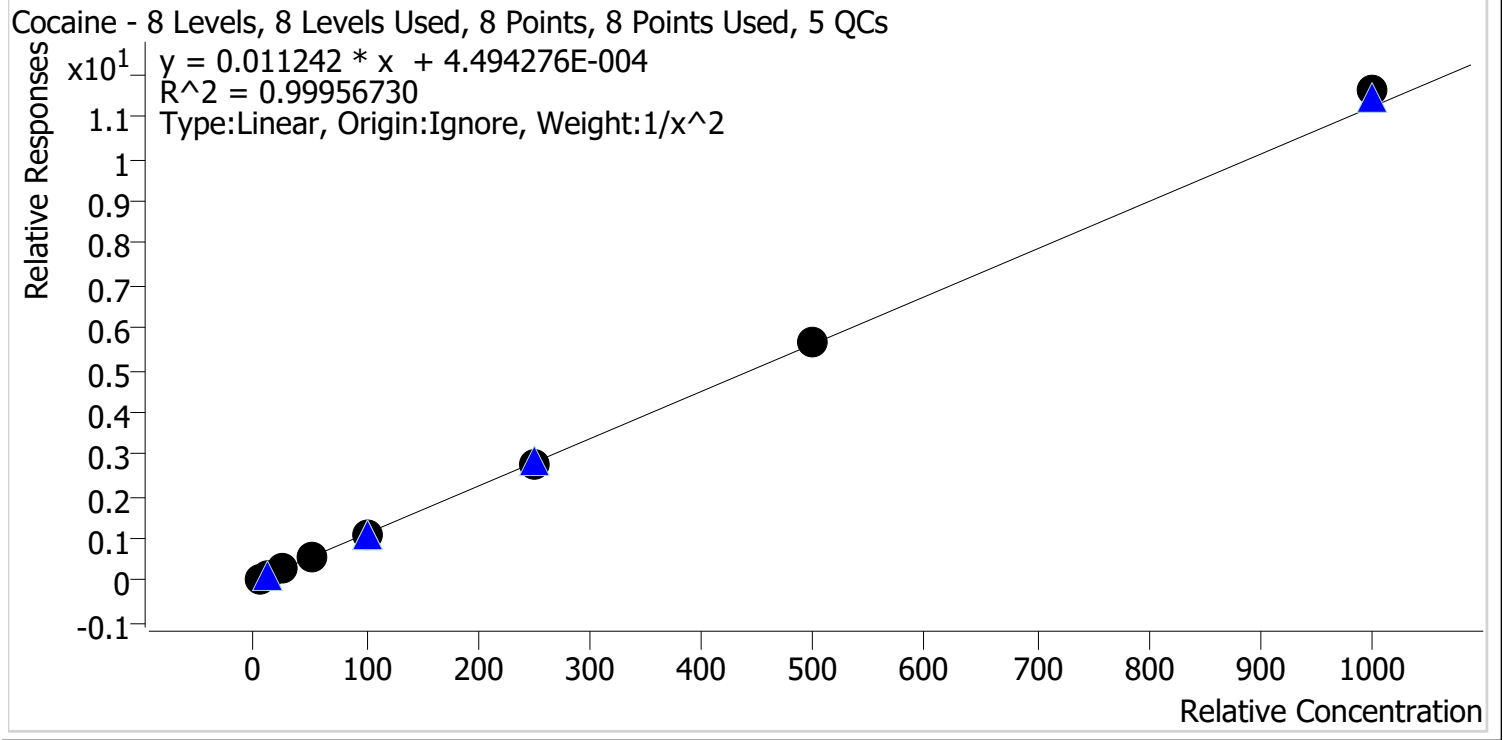


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	27.7	111.0
p1 Cal 4-50ng	4	✓	50.0	56.3	112.5
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	451.6	90.3
p1 Cal 8-1000ng	8	✓	1000.0	817.1	81.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

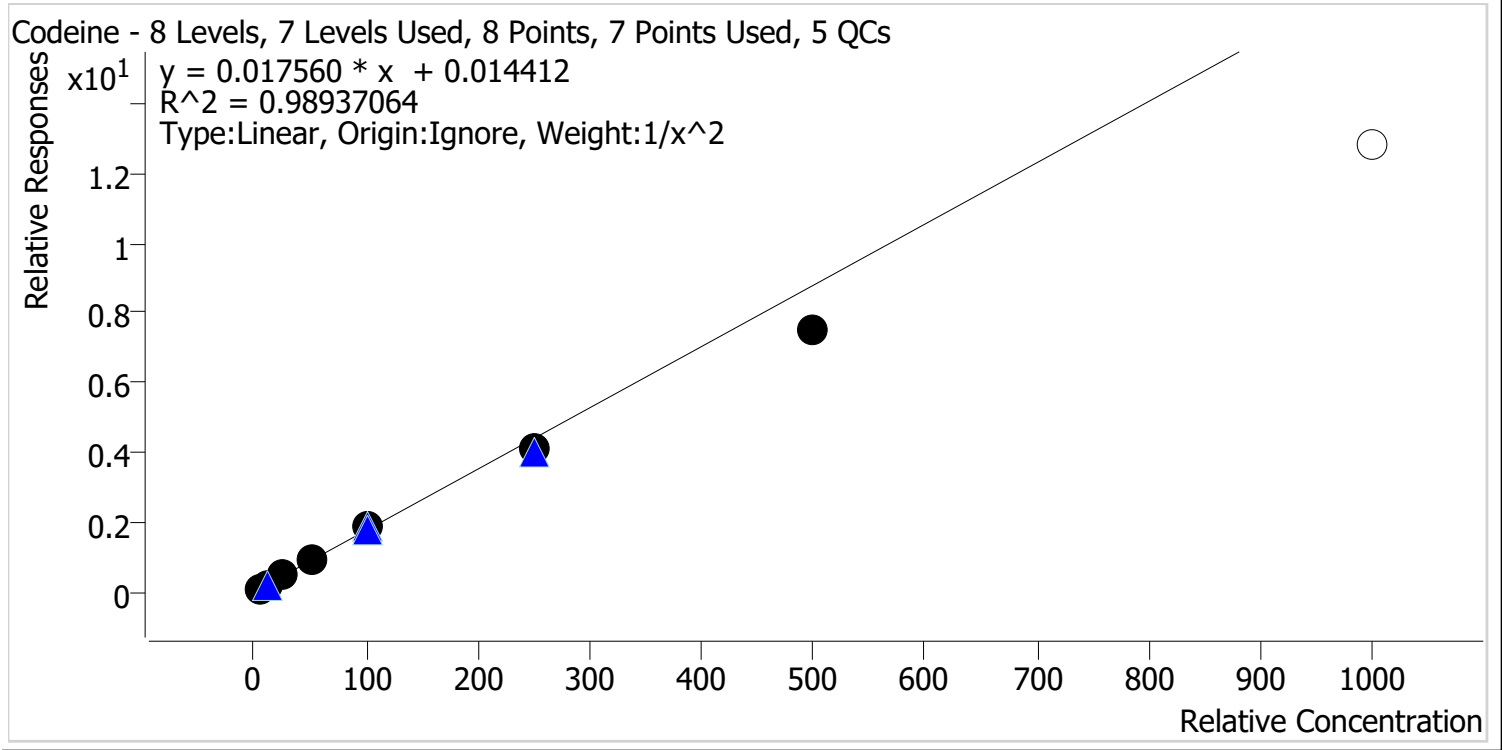


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	506.8	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1034.1	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



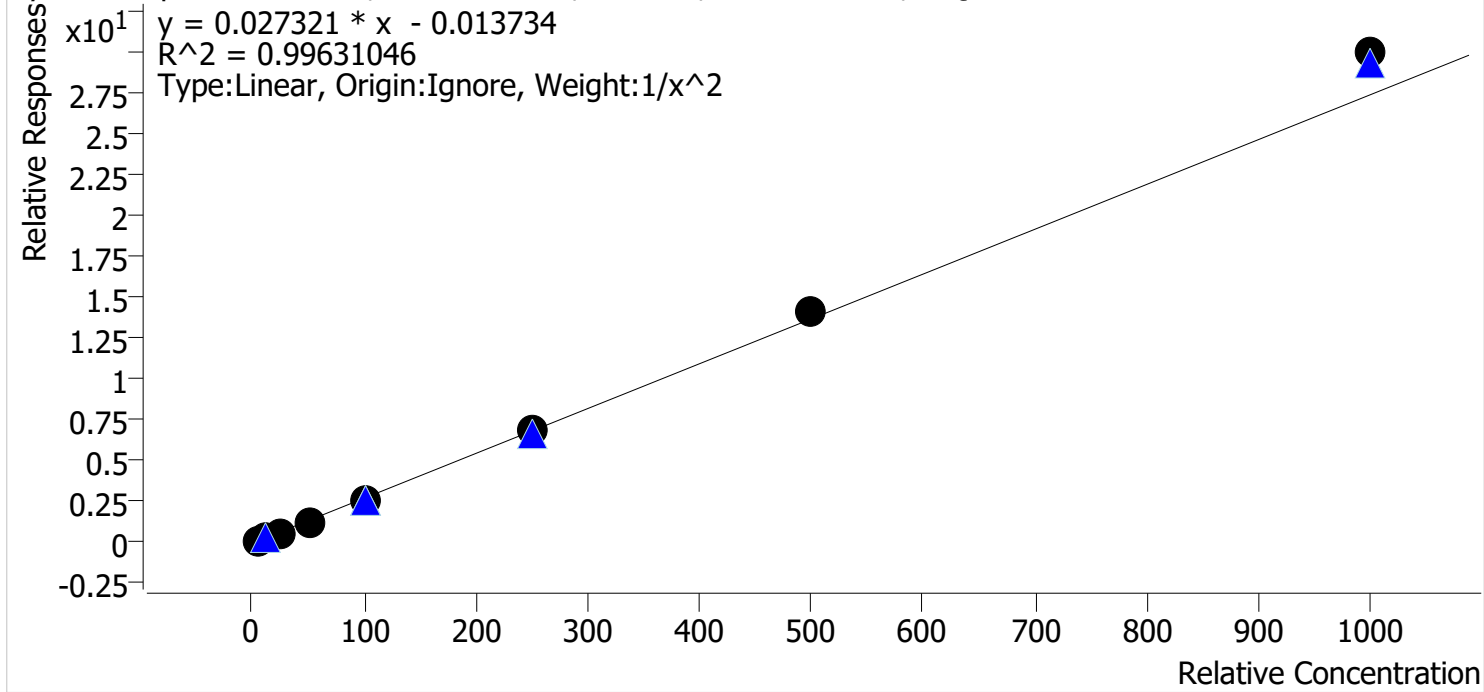
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.8	107.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	236.1	94.4
p1 Cal 7-500ng	7	✓	500.0	426.3	85.3
p1 Cal 8-1000ng	8	✗	1000.0	732.6	73.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



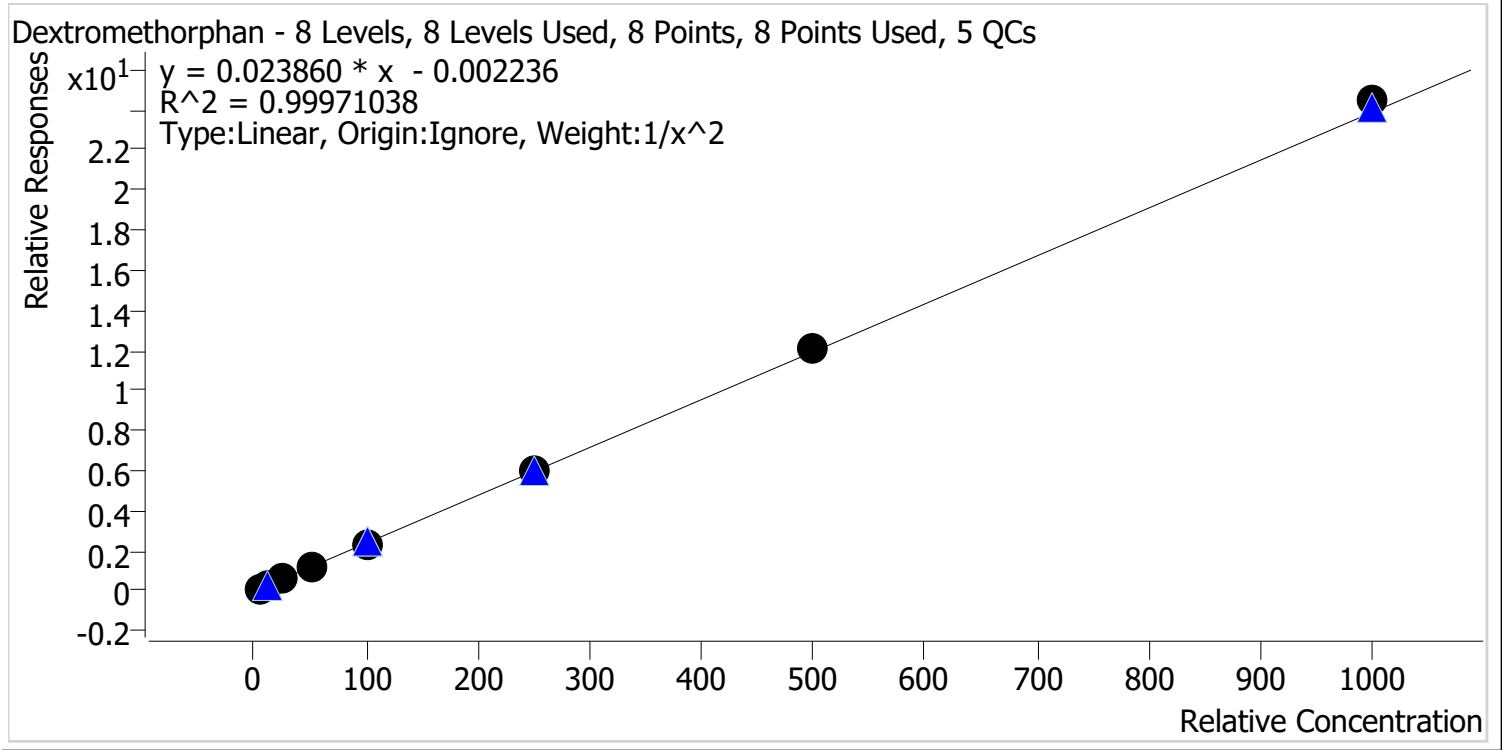
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	517.8	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1094.1	109.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

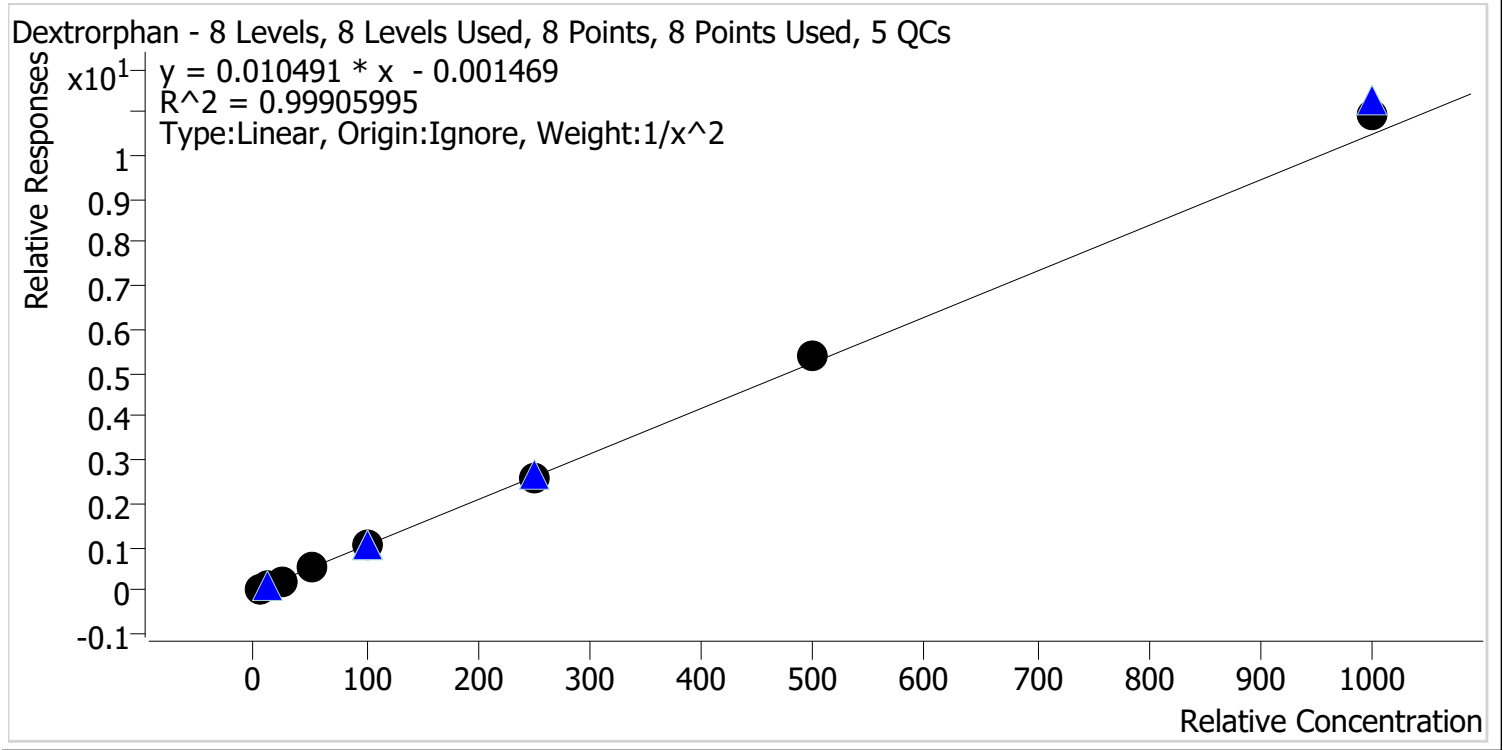


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	505.7	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1024.5	102.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Dextrophan **Internal Standard** Dextrophan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	513.3	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1043.1	104.3

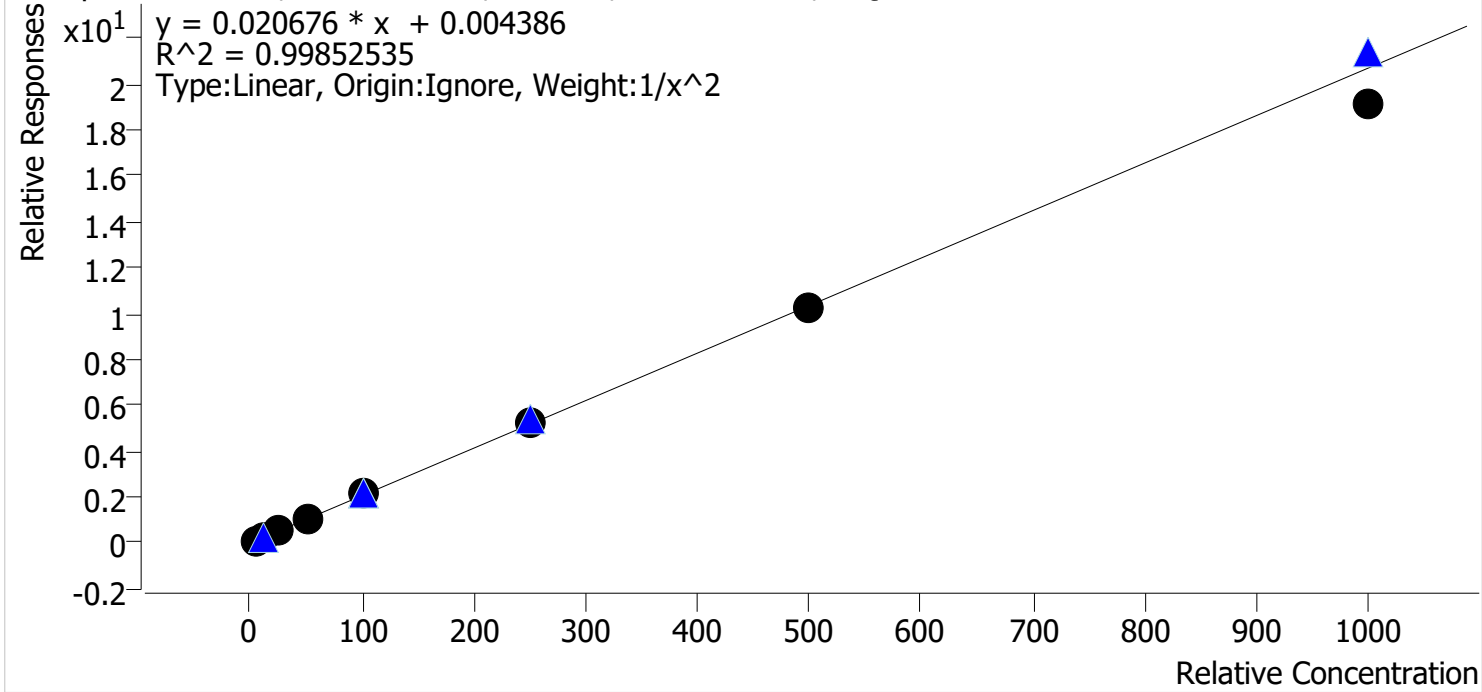
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

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

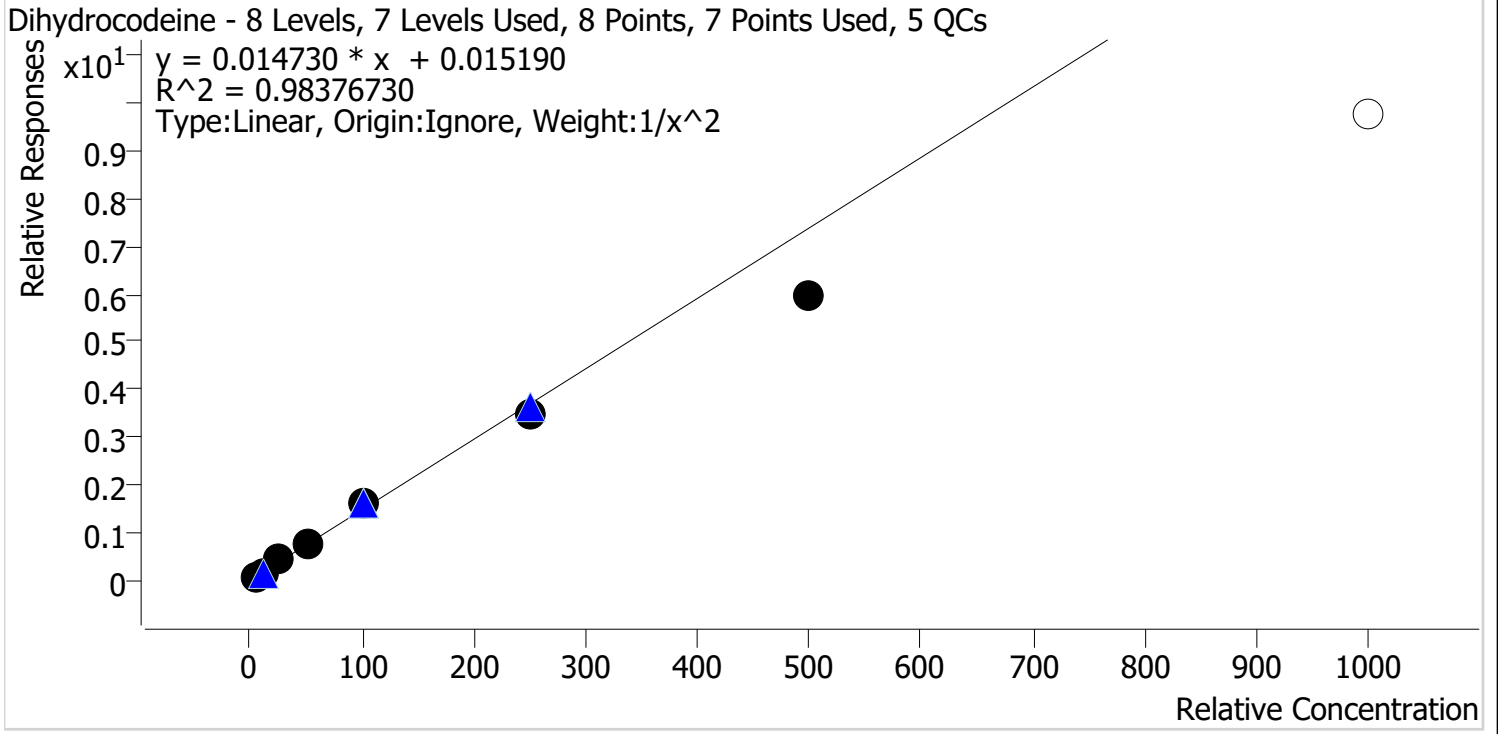


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	925.8	92.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

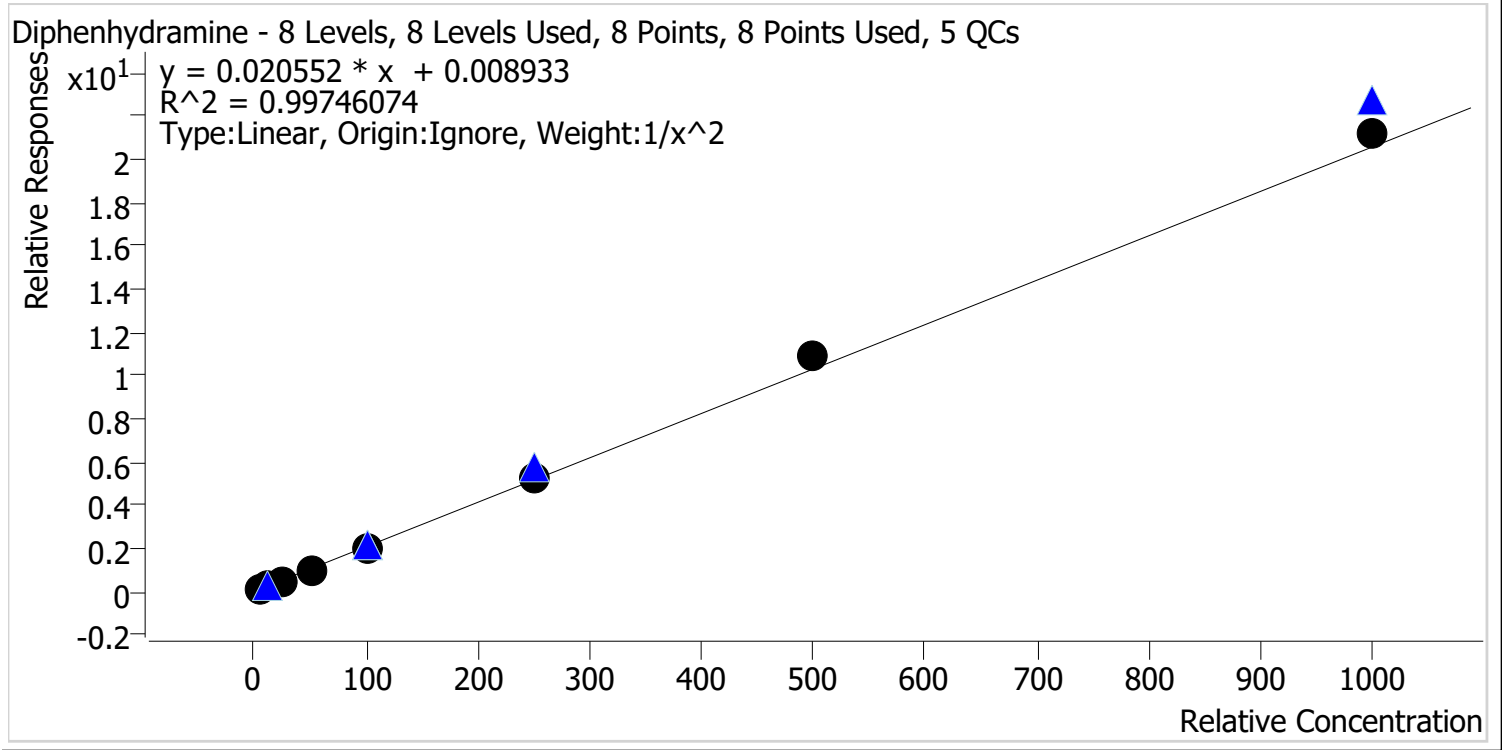


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	28.0	112.1
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	234.0	93.6
p1 Cal 7-500ng	7	✓	500.0	403.8	80.8
p1 Cal 8-1000ng	8	✗	1000.0	660.6	66.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

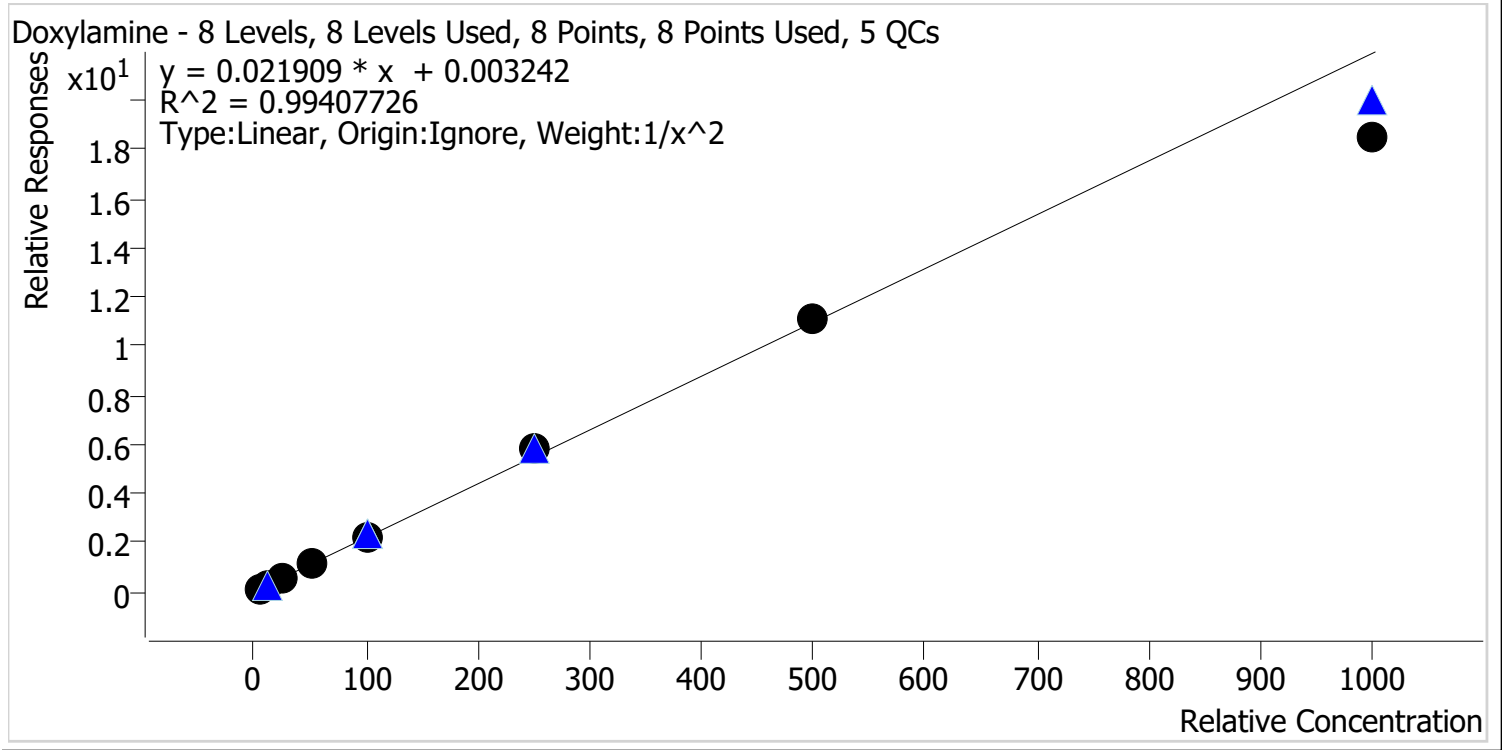


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.4	93.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	526.5	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1035.0	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



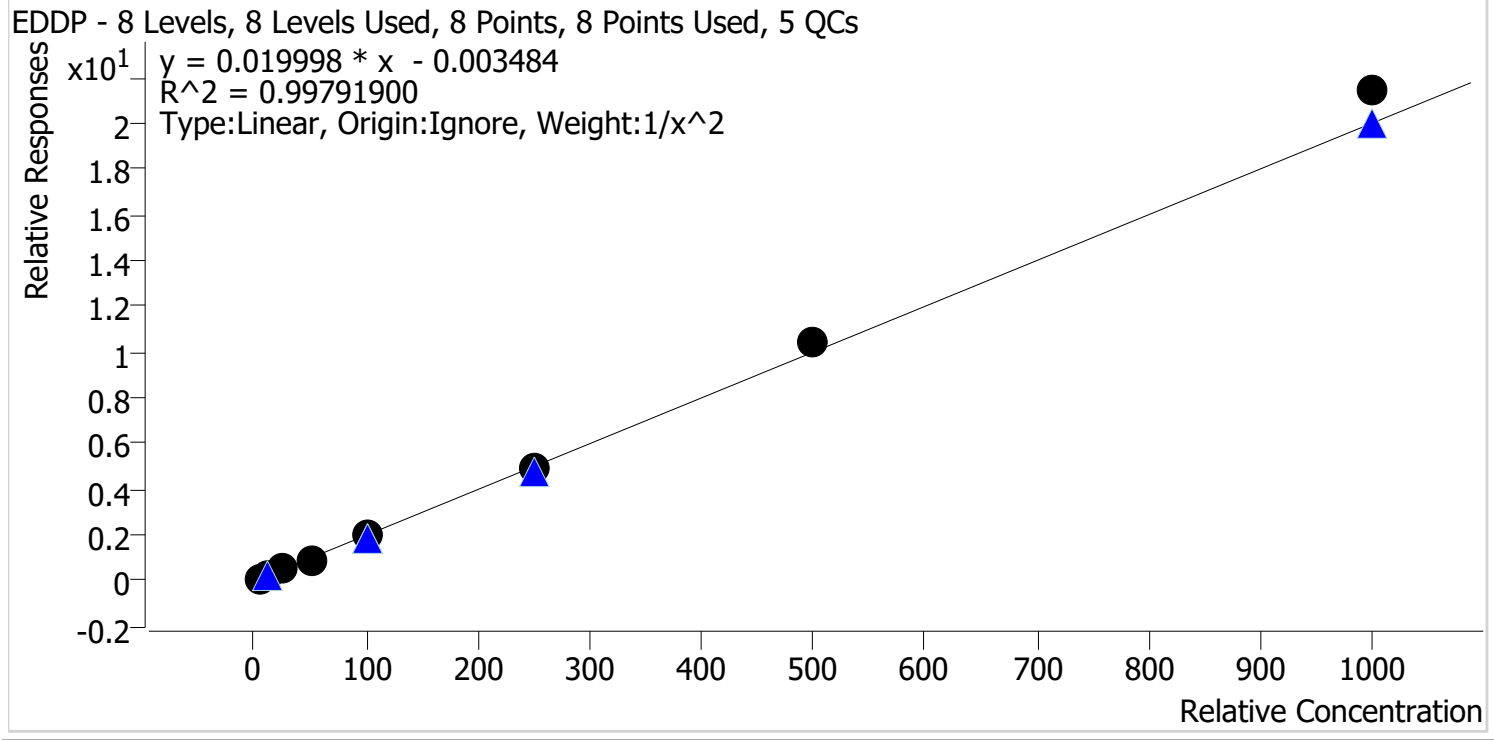
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	268.4	107.4
p1 Cal 7-500ng	7	✓	500.0	506.8	101.4
p1 Cal 8-1000ng	8	✓	1000.0	847.6	84.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



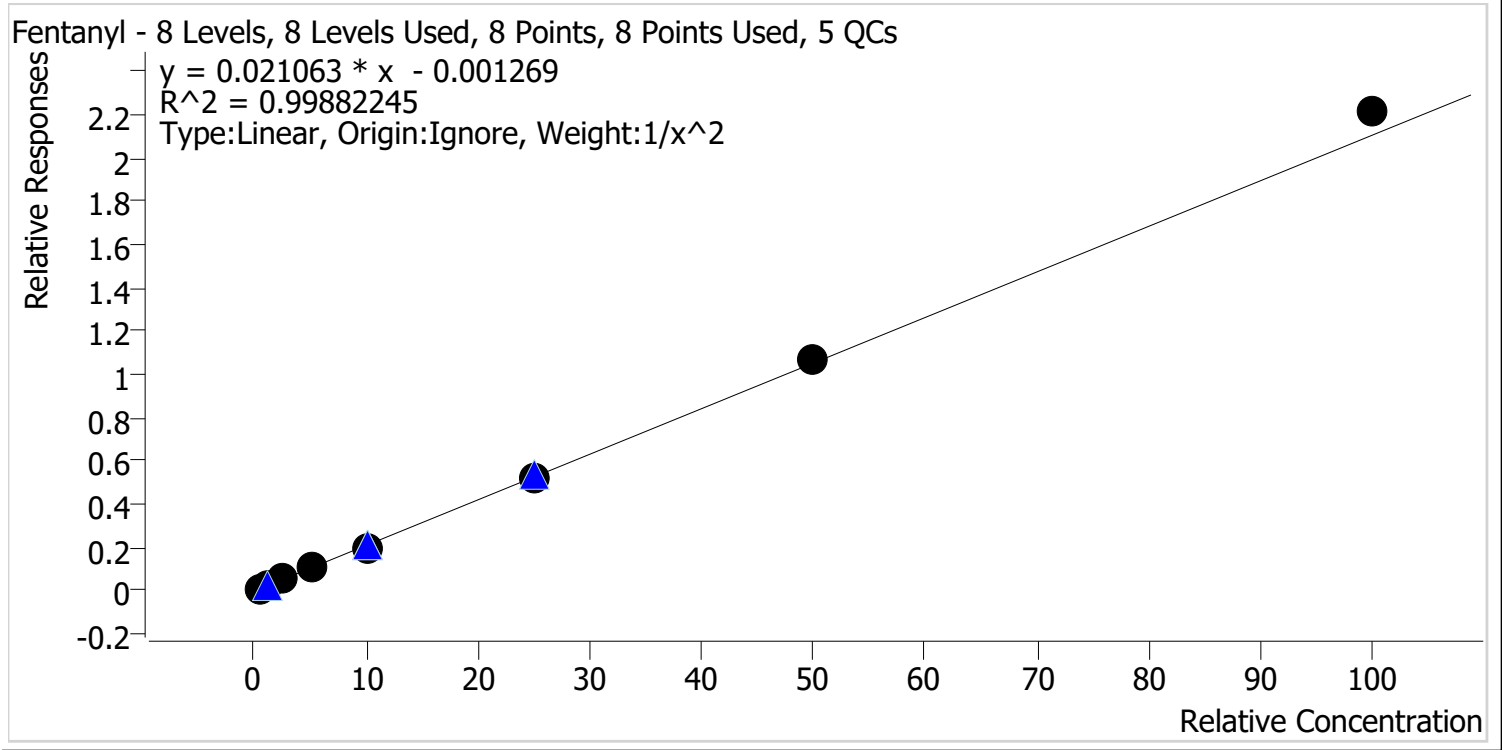
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1071.1	107.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



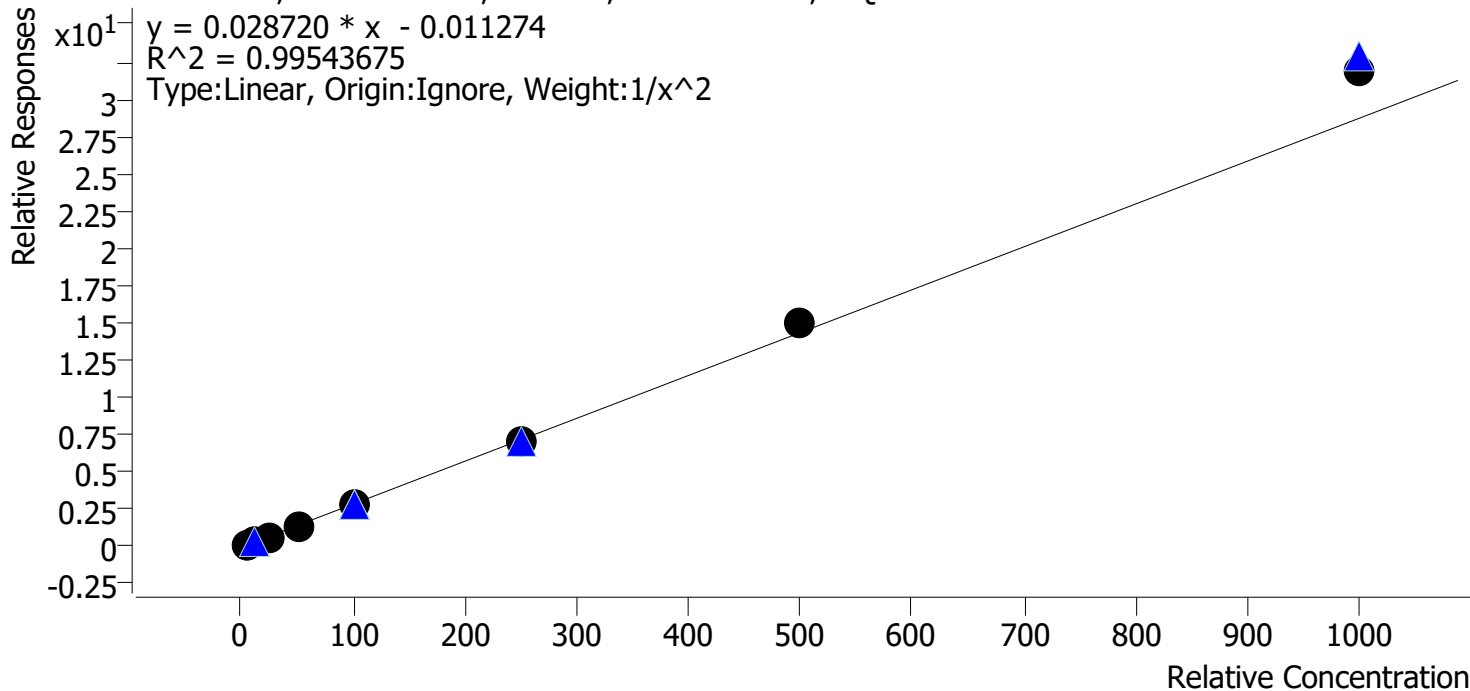
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.8
p1 Cal 2-10ng	2	✓	1.0	1.0	101.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.6
p1 Cal 4-50ng	4	✓	5.0	4.9	97.6
p1 Cal 5-100ng	5	✓	10.0	9.6	95.9
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	51.1	102.2
p1 Cal 8-1000ng	8	✓	100.0	105.3	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

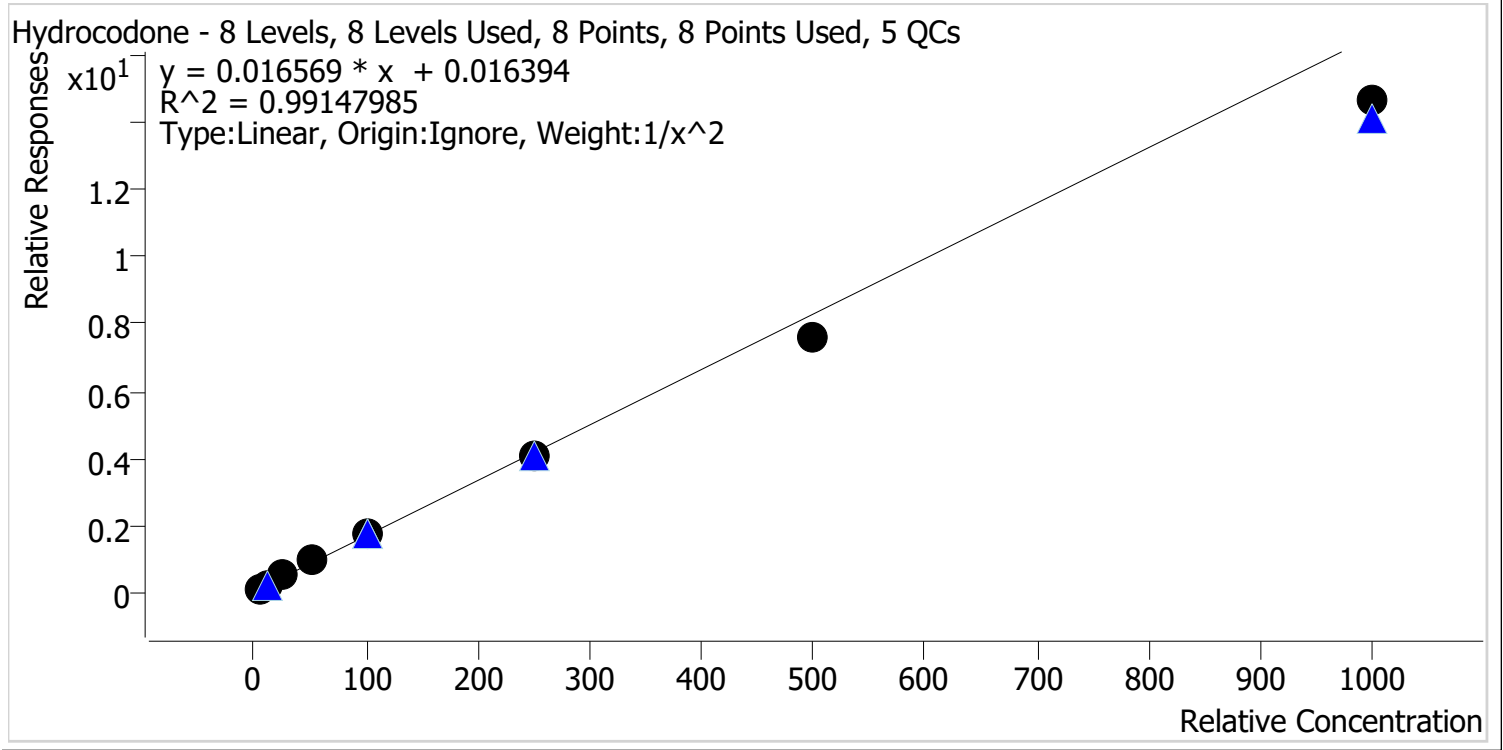


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1109.0	110.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

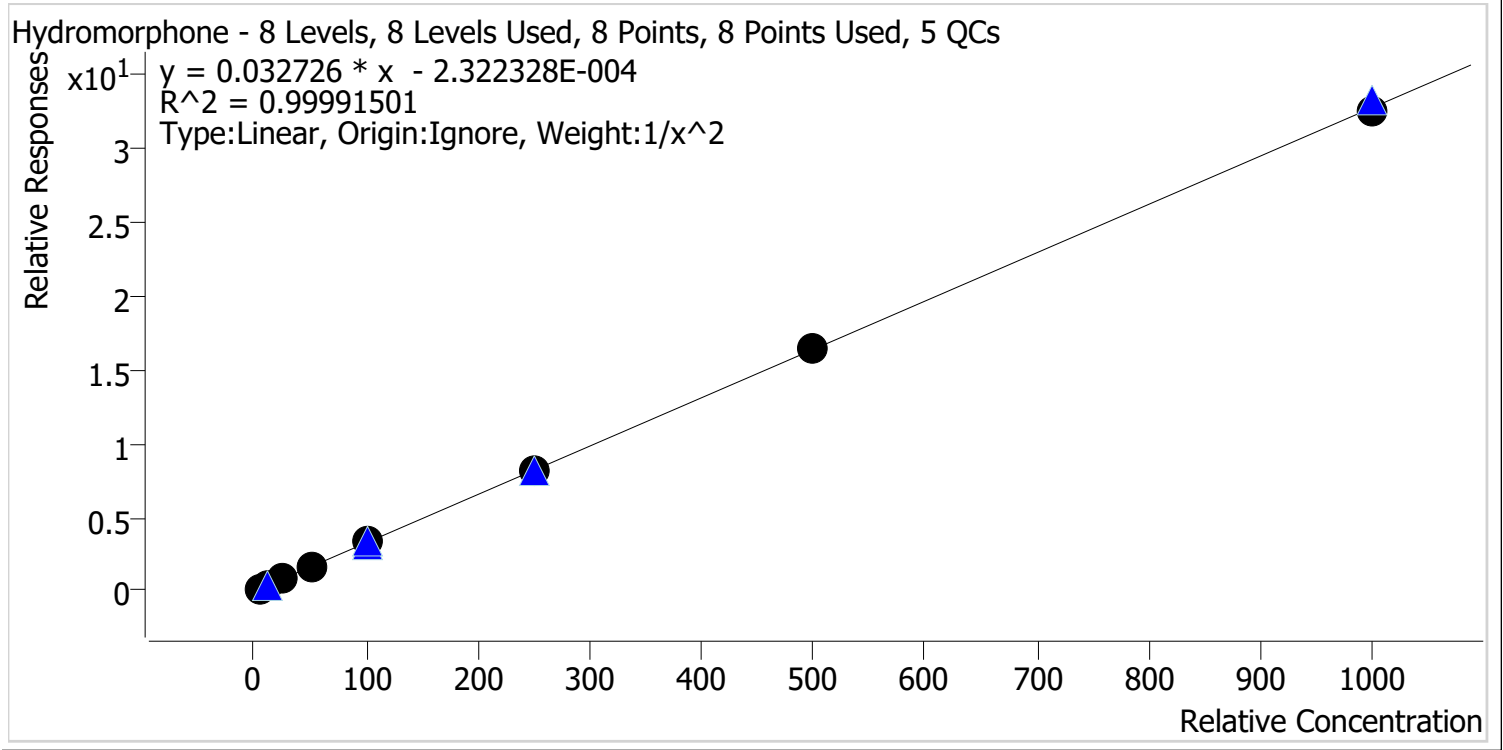


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.5	109.1
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	460.1	92.0
p1 Cal 8-1000ng	8	✓	1000.0	884.8	88.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

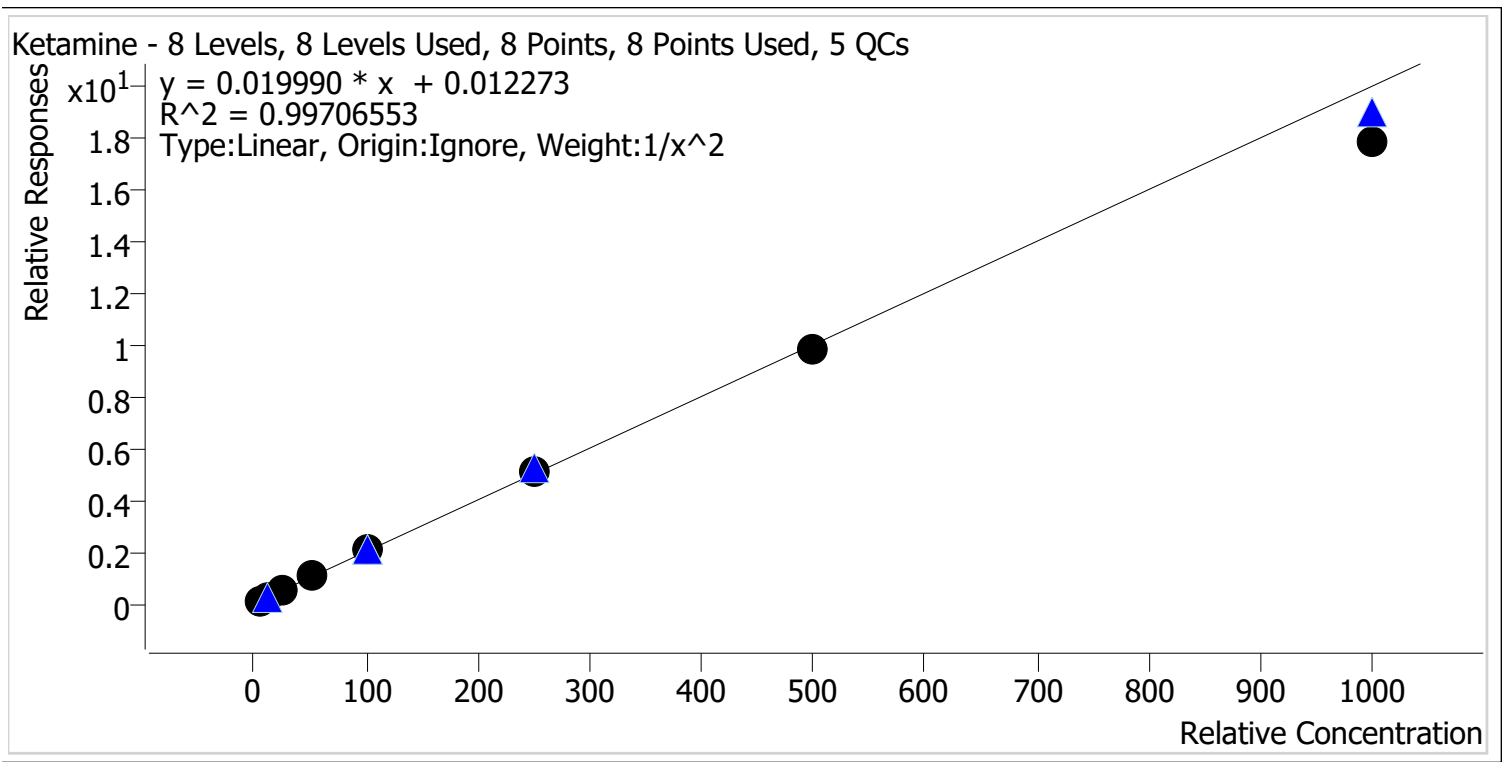


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	499.2	99.8
p1 Cal 8-1000ng	8	✓	1000.0	992.5	99.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

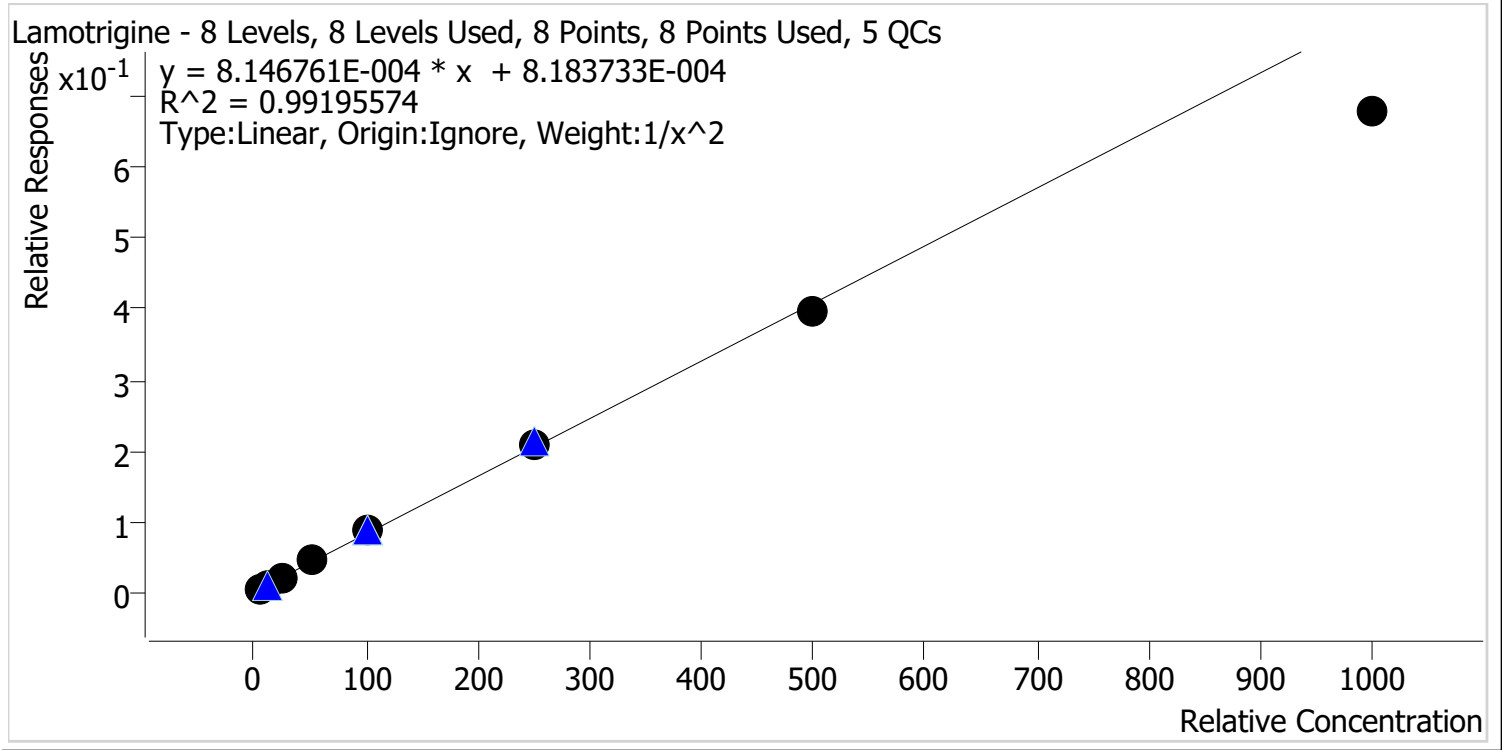


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	894.3	89.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

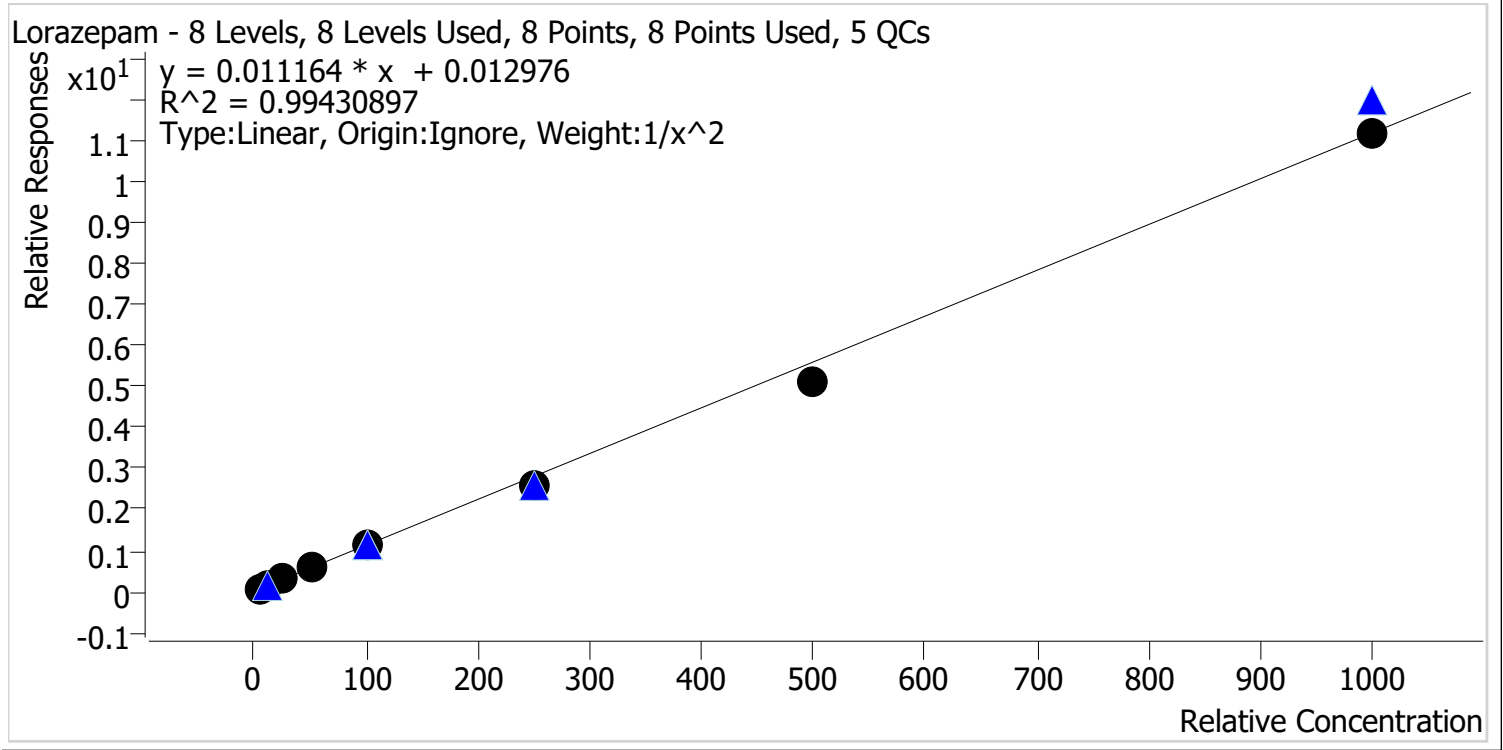


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	832.6	83.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



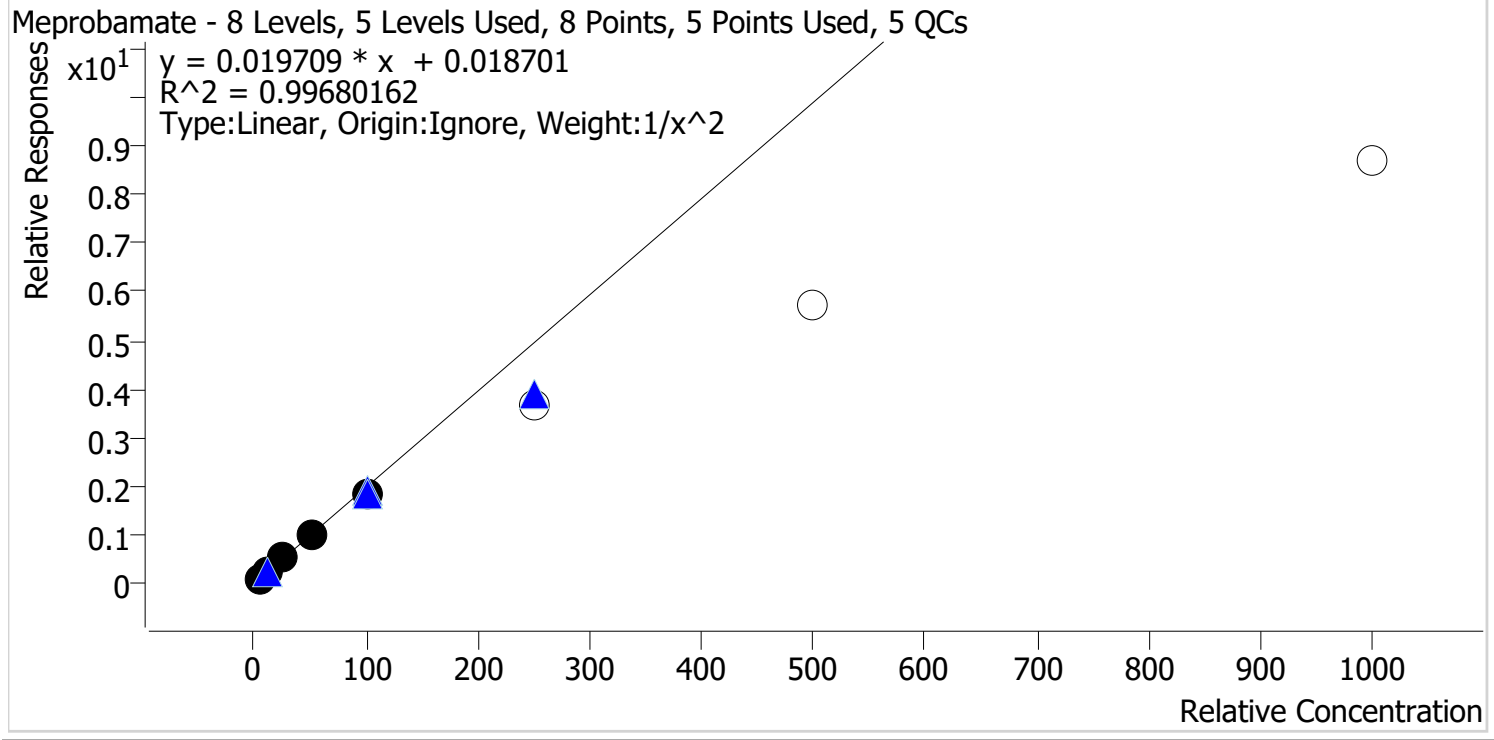
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.8
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	231.8	92.7
p1 Cal 7-500ng	7	✓	500.0	460.4	92.1
p1 Cal 8-1000ng	8	✓	1000.0	1001.2	100.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

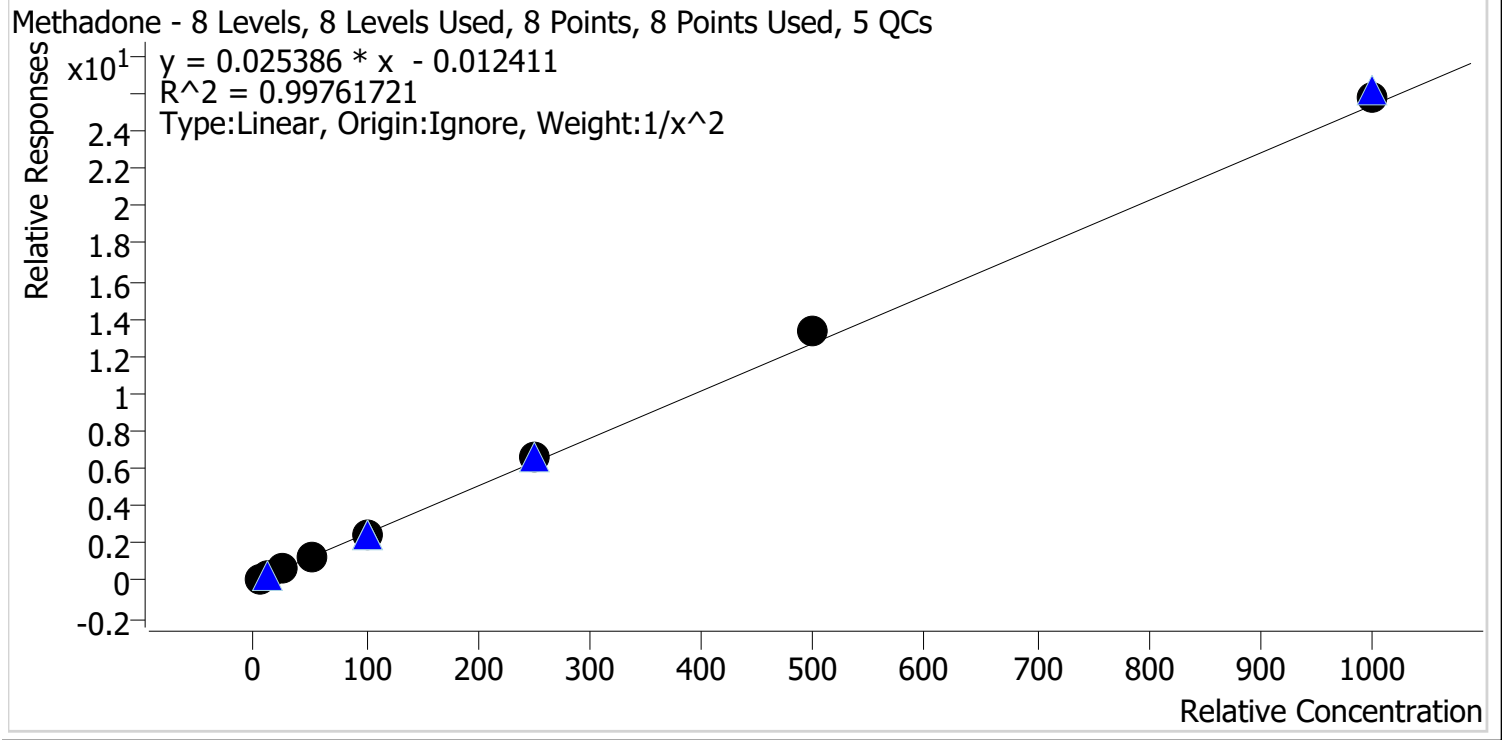


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	x	250.0	183.5	73.4
p1 Cal 7-500ng	7	x	500.0	288.6	57.7
p1 Cal 8-1000ng	8	x	1000.0	437.8	43.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



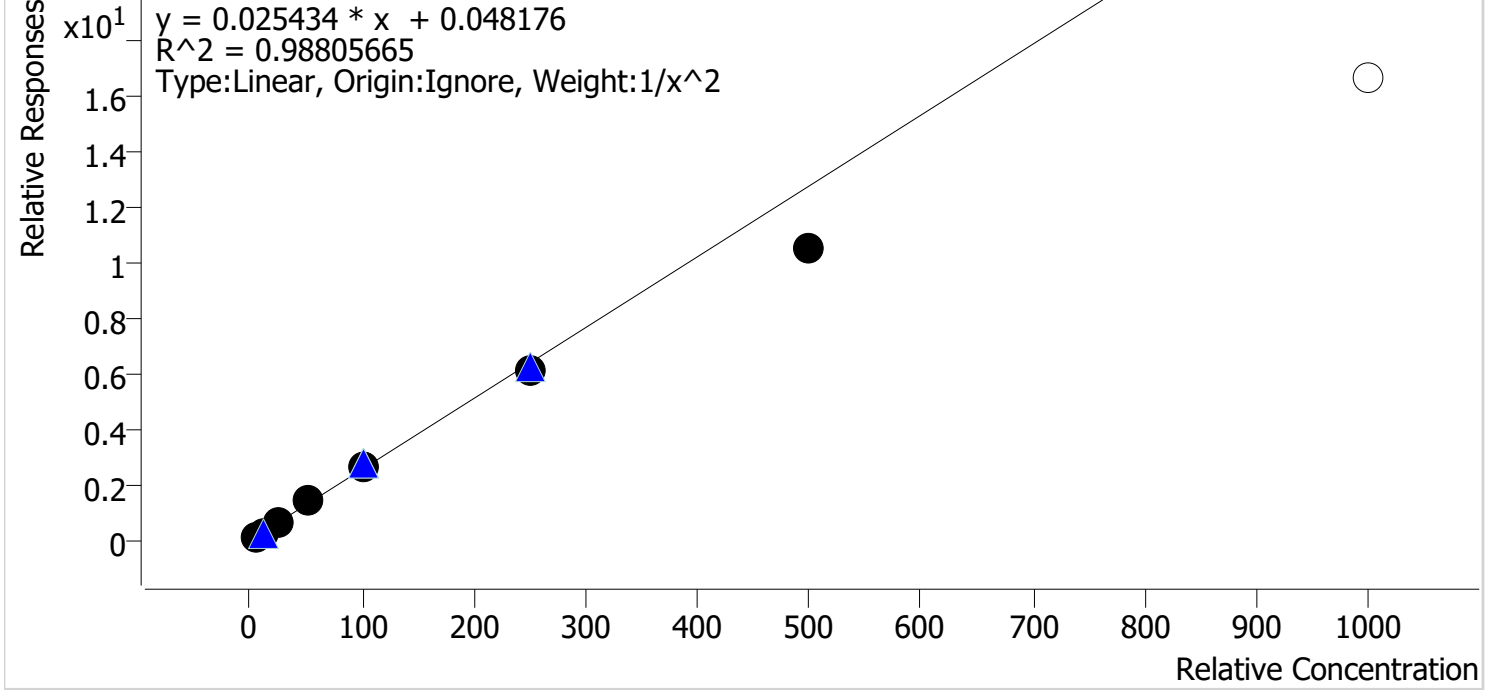
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	261.1	104.5
p1 Cal 7-500ng	7	✓	500.0	529.5	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1013.4	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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

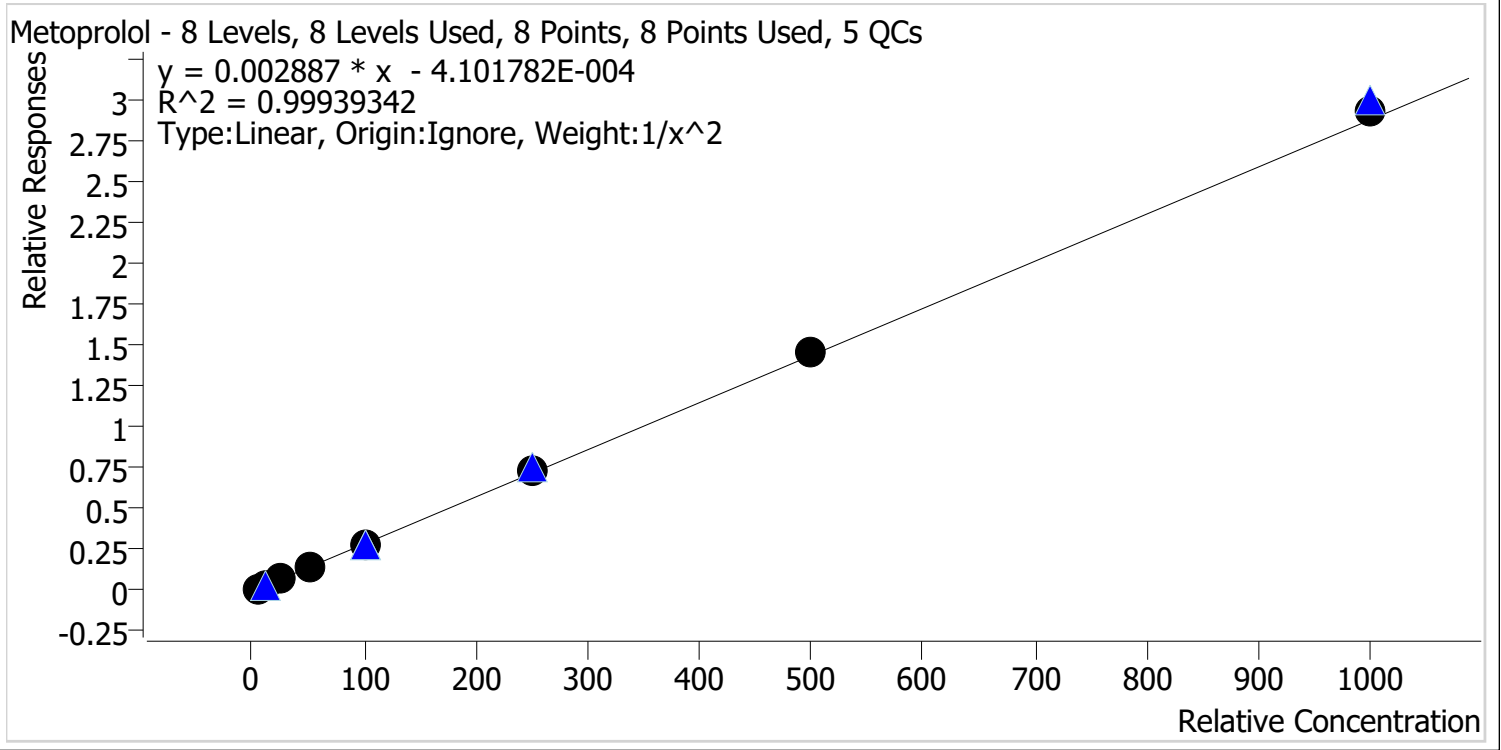


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	239.3	95.7
p1 Cal 7-500ng	7	✓	500.0	413.9	82.8
p1 Cal 8-1000ng	8	x	1000.0	652.9	65.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Pseudoephedrine-D3



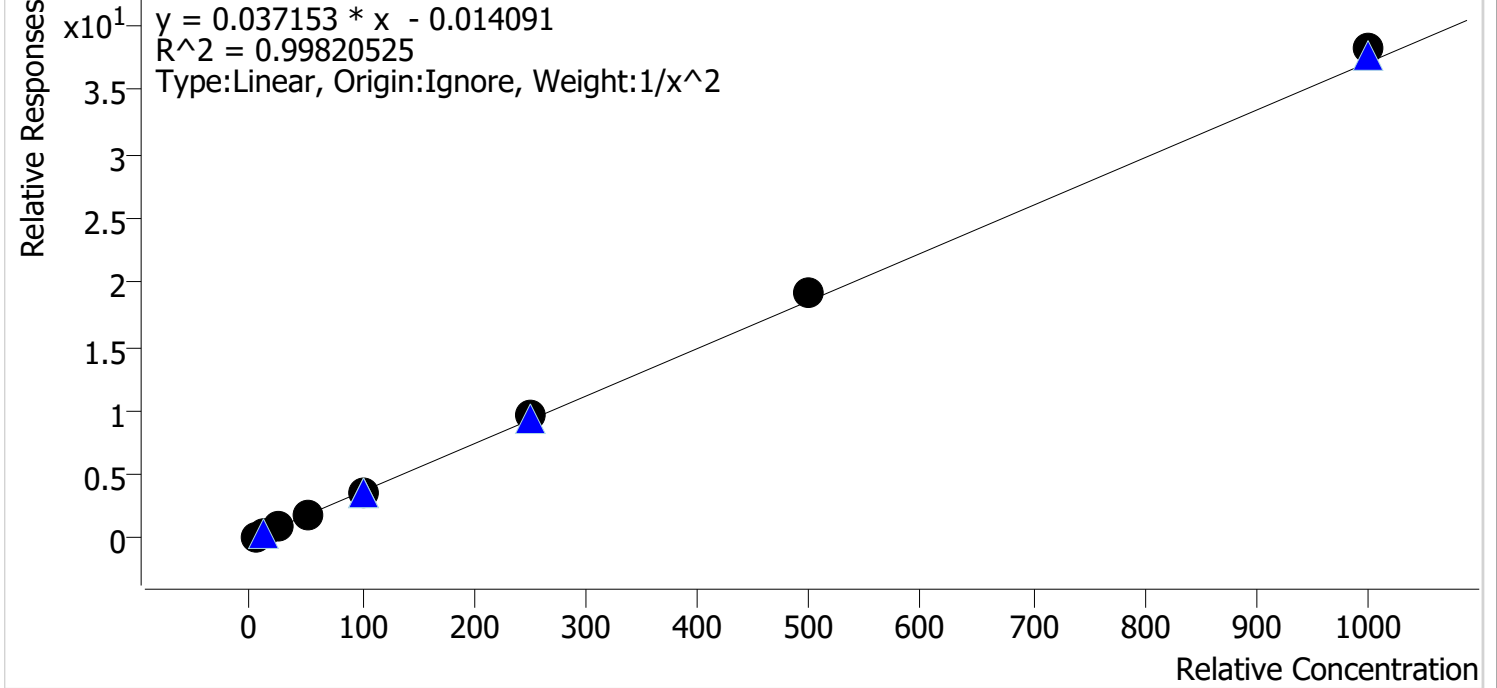
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	510.5	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1016.9	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

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



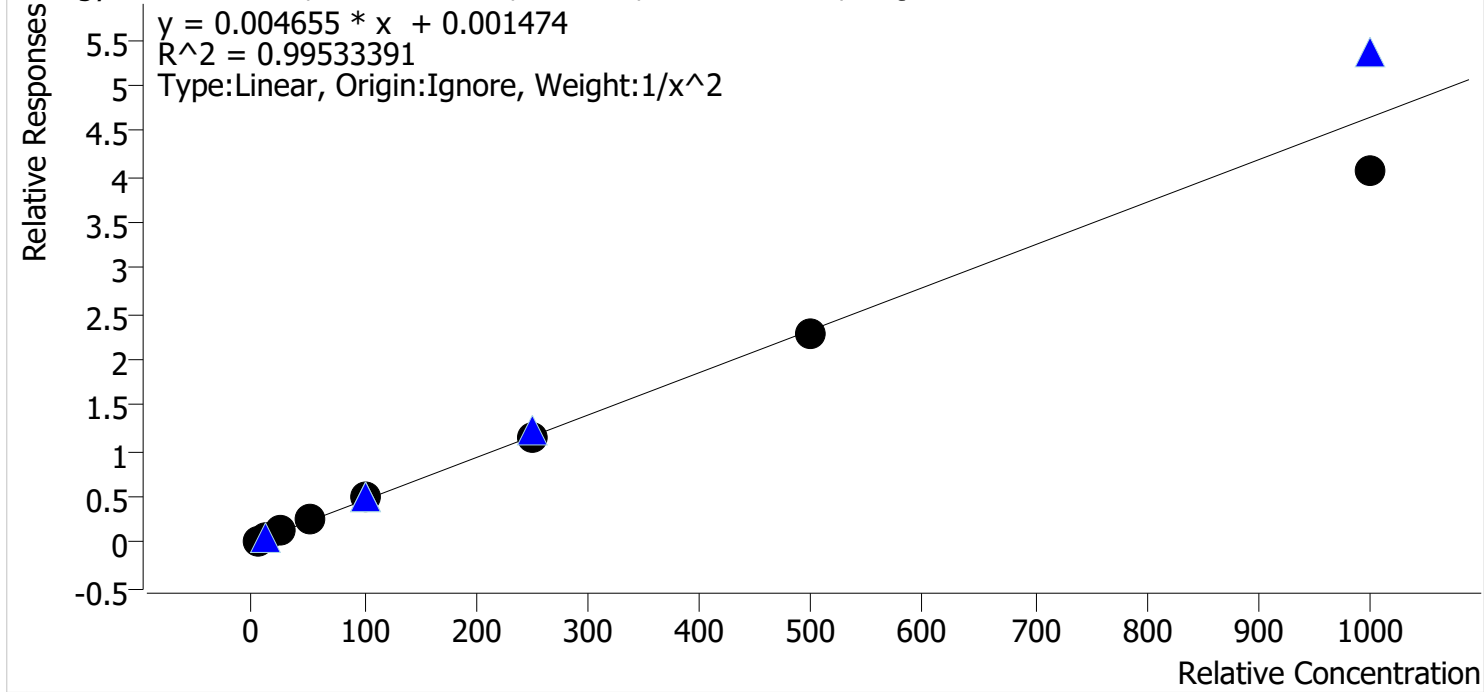
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	258.4	103.3
p1 Cal 7-500ng	7	✓	500.0	520.8	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1029.1	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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

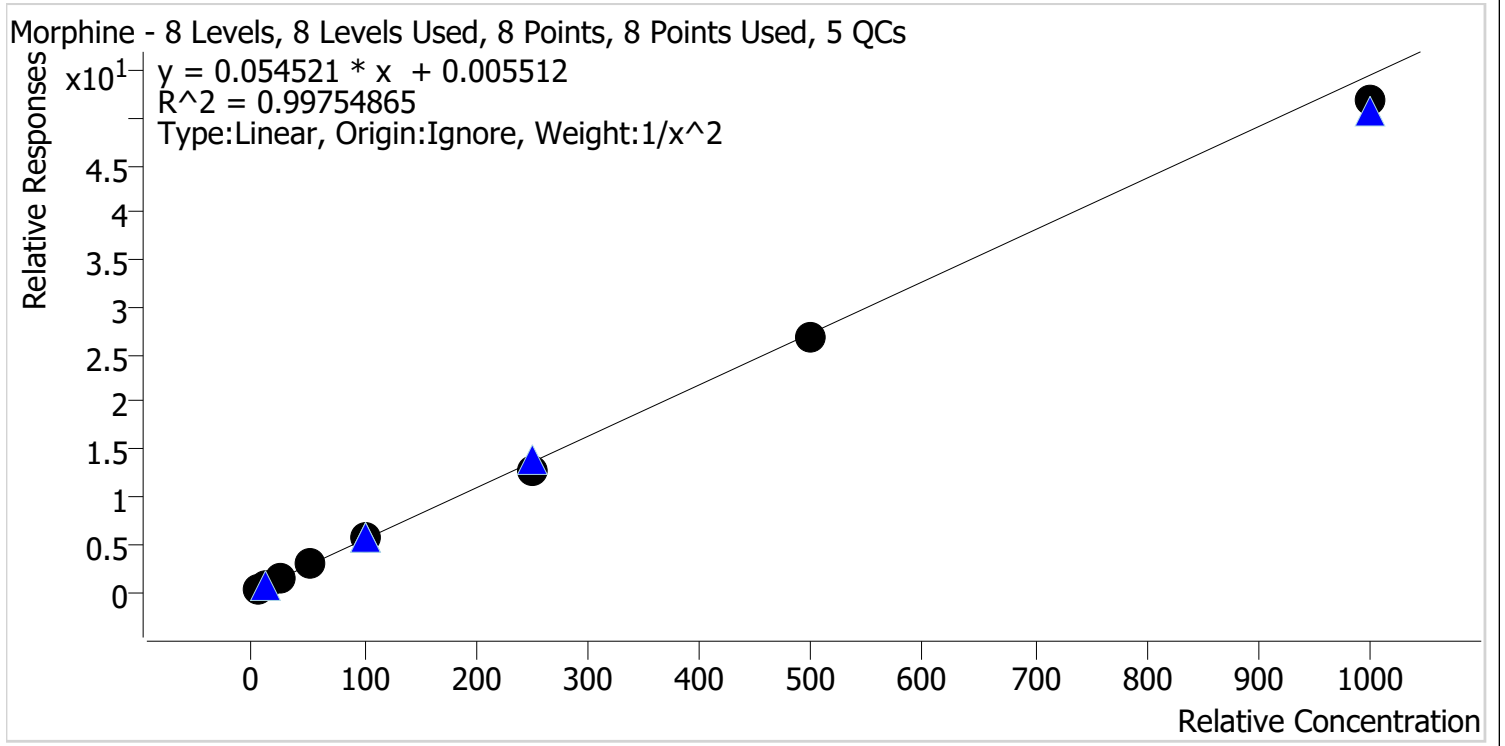


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	871.8	87.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



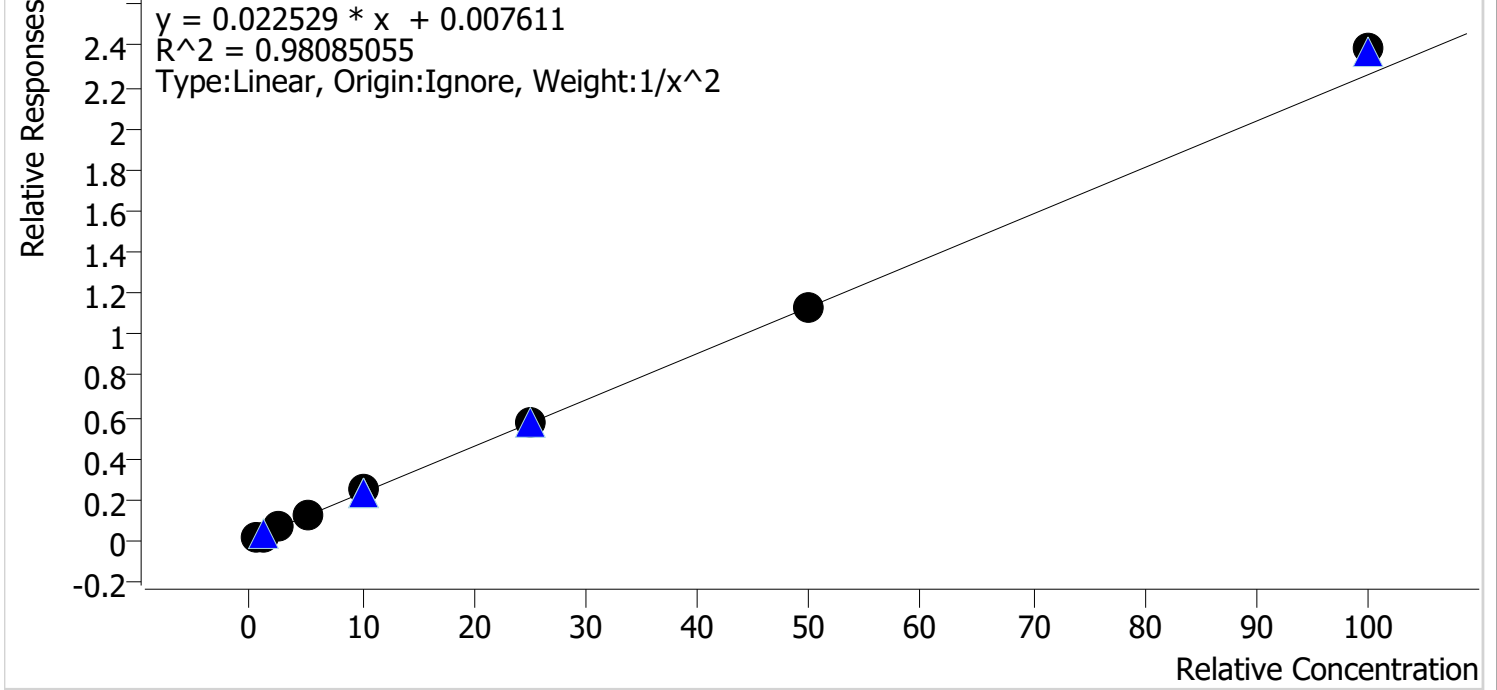
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	236.6	94.6
p1 Cal 7-500ng	7	✓	500.0	493.2	98.6
p1 Cal 8-1000ng	8	✓	1000.0	950.6	95.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

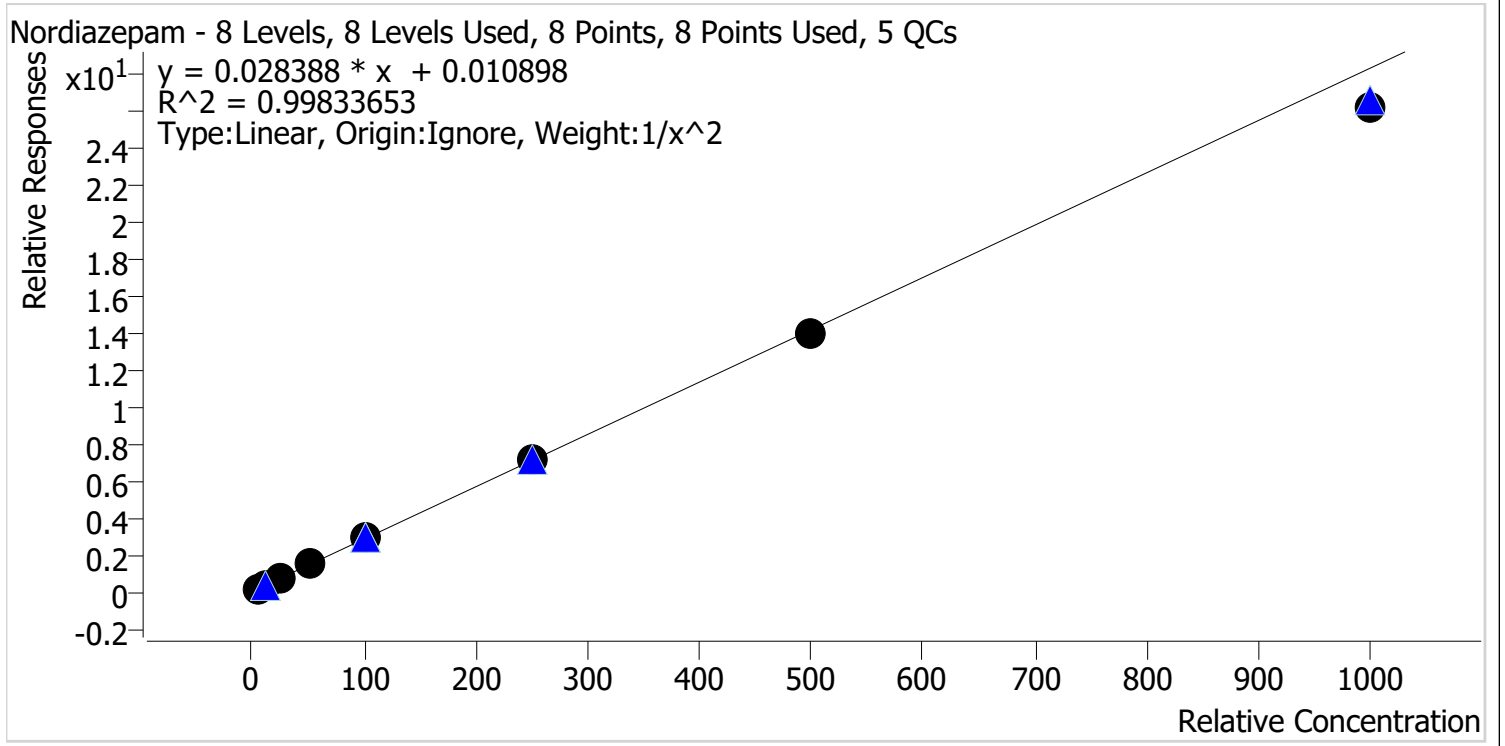


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	112.8
p1 Cal 2-10ng	2	✓	1.0	0.7	72.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.6
p1 Cal 5-100ng	5	✓	10.0	10.6	106.1
p1 Cal 6-250ng	6	✓	25.0	25.4	101.5
p1 Cal 7-500ng	7	✓	50.0	49.7	99.3
p1 Cal 8-1000ng	8	✓	100.0	105.6	105.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

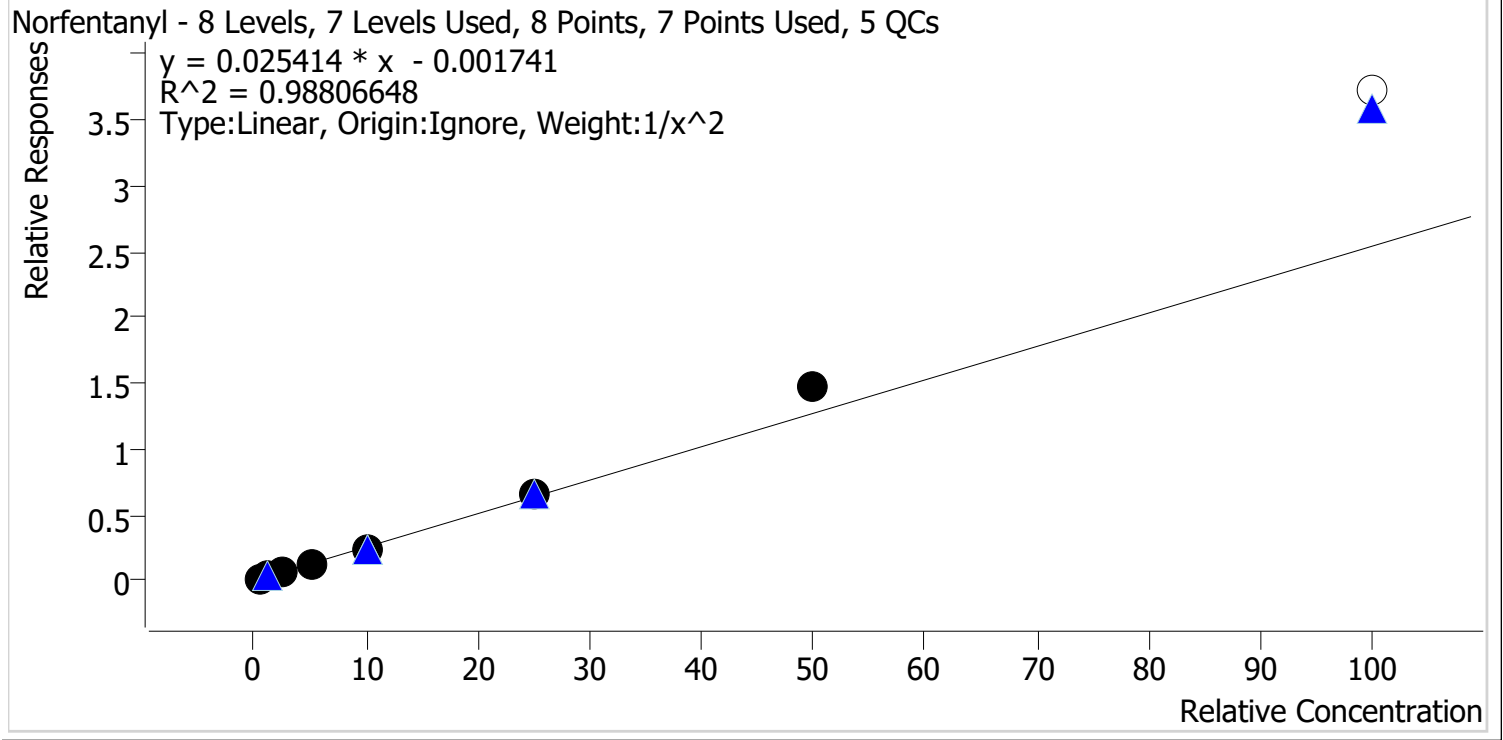


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	922.5	92.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



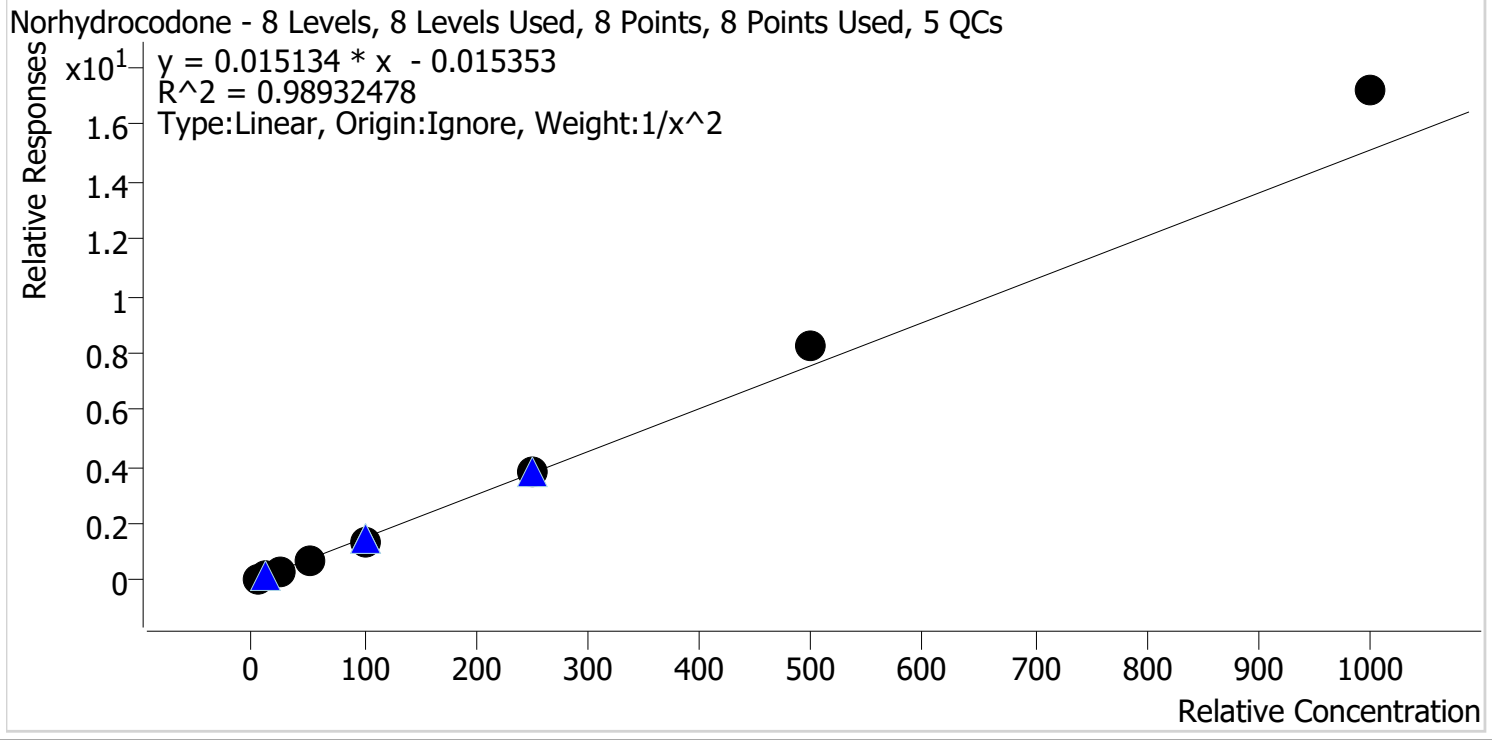
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.2
p1 Cal 2-10ng	2	✓	1.0	1.0	97.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.6
p1 Cal 4-50ng	4	✓	5.0	4.6	92.0
p1 Cal 5-100ng	5	✓	10.0	9.4	94.1
p1 Cal 6-250ng	6	✓	25.0	26.3	105.3
p1 Cal 7-500ng	7	✓	50.0	58.3	116.7
p1 Cal 8-1000ng	8	x	100.0	146.6	146.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

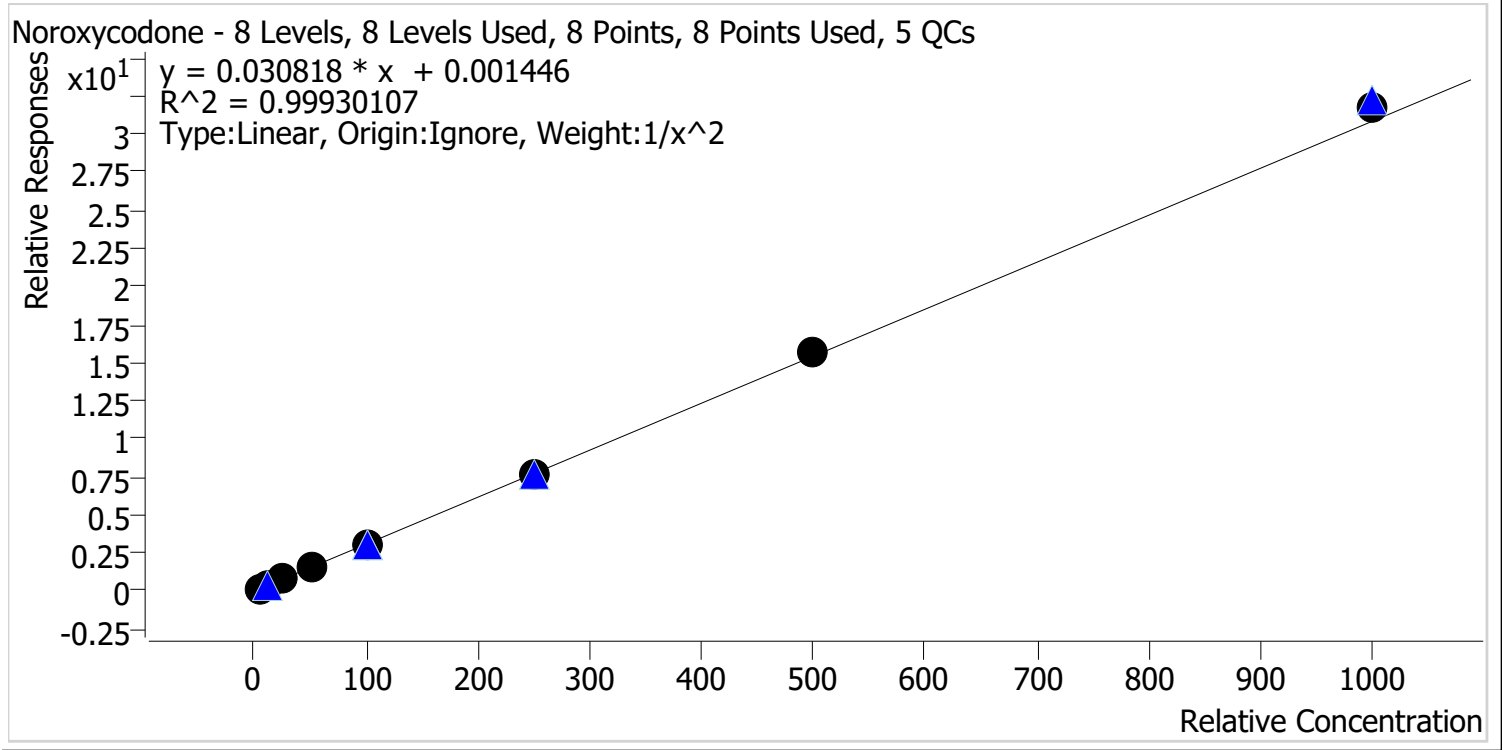


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.1
p1 Cal 2-10ng	2	✓	10.0	9.4	93.6
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.0
p1 Cal 4-50ng	4	✓	50.0	46.4	92.9
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	548.5	109.7
p1 Cal 8-1000ng	8	✓	1000.0	1137.9	113.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

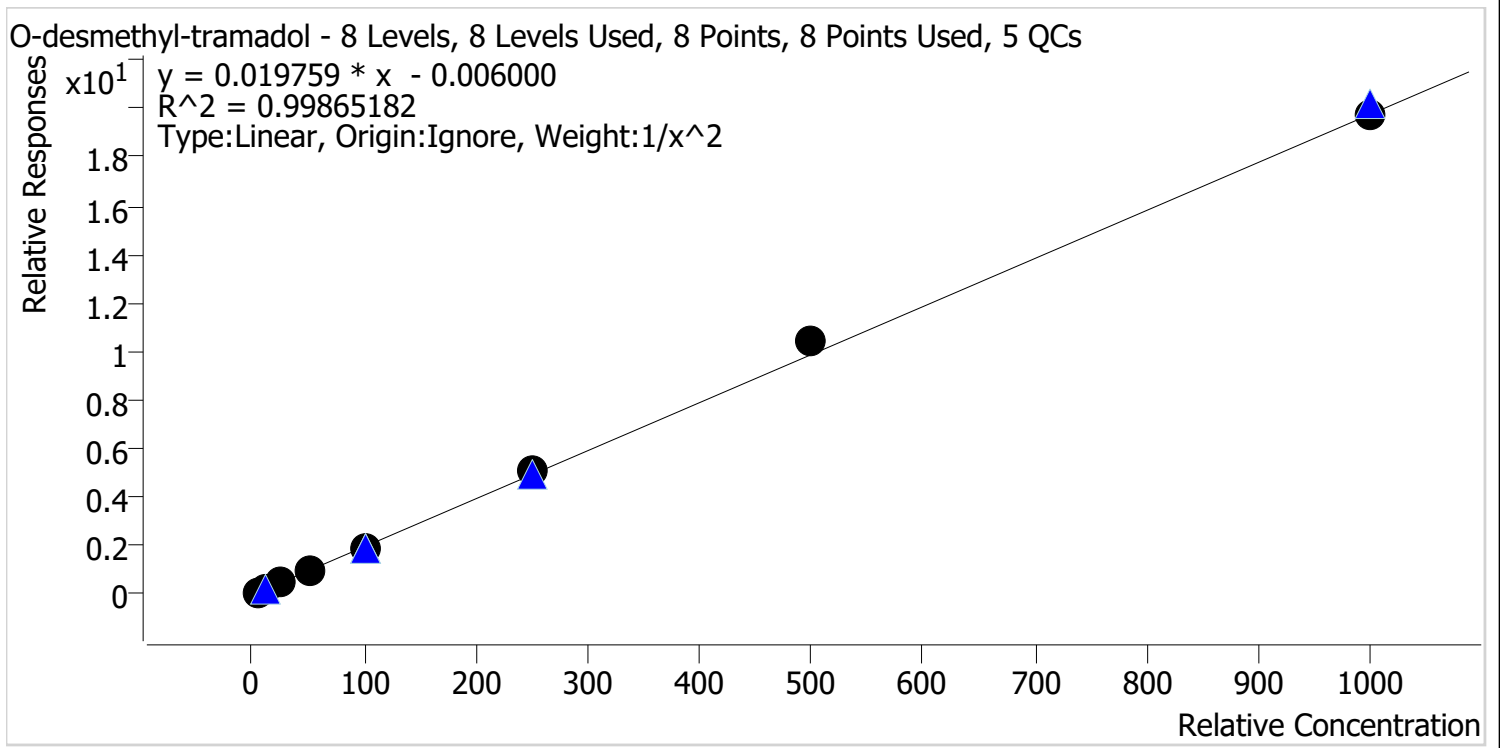


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	508.3	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1031.8	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

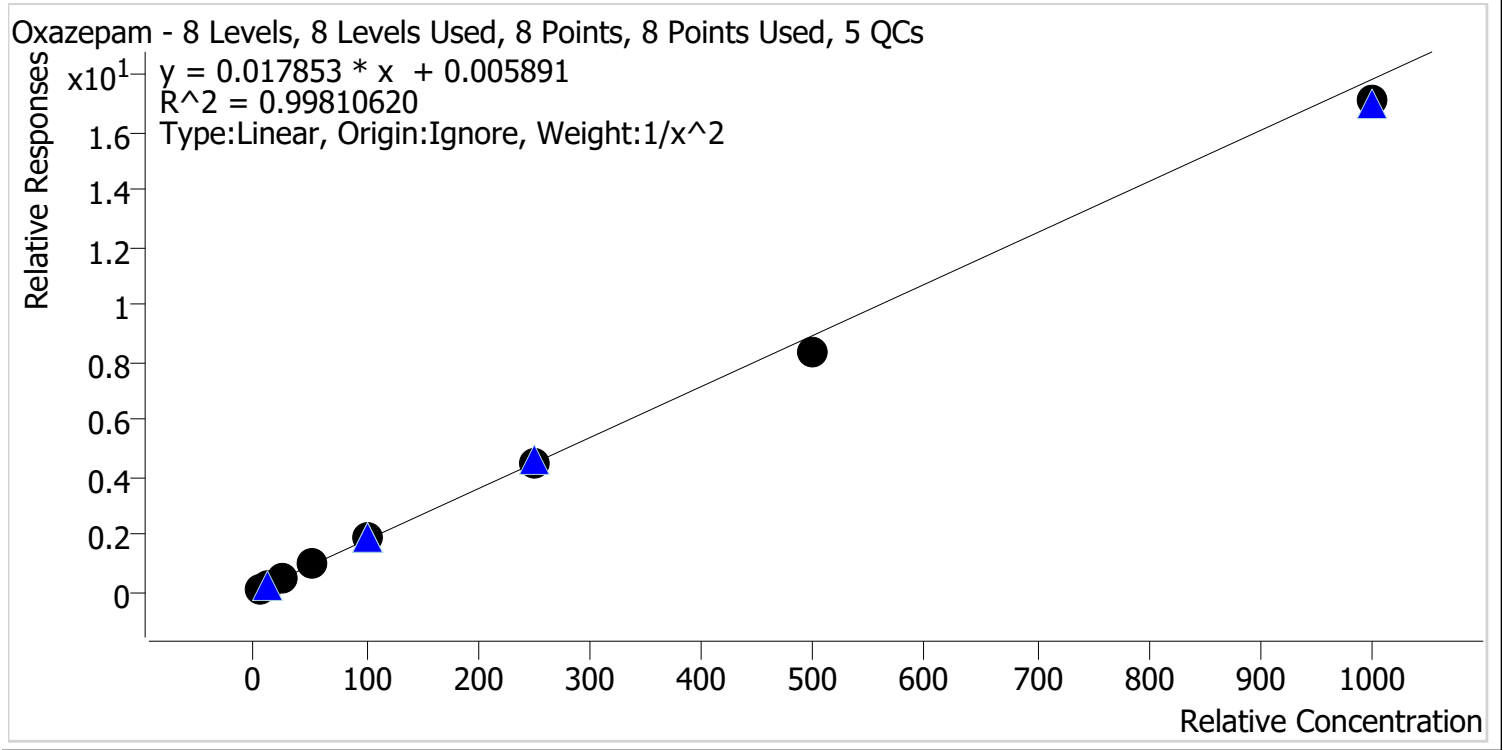


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	526.9	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1000.8	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

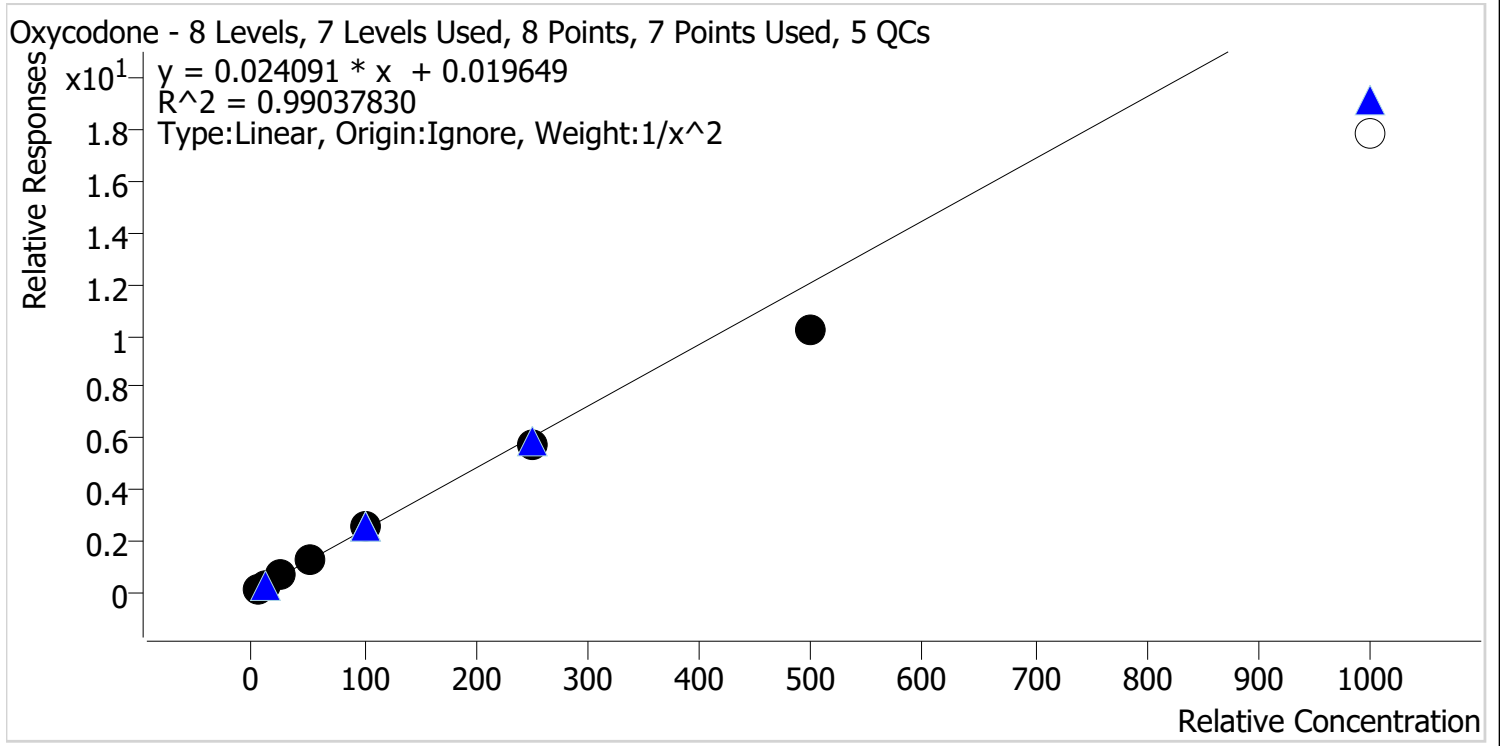


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	469.4	93.9
p1 Cal 8-1000ng	8	✓	1000.0	958.4	95.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

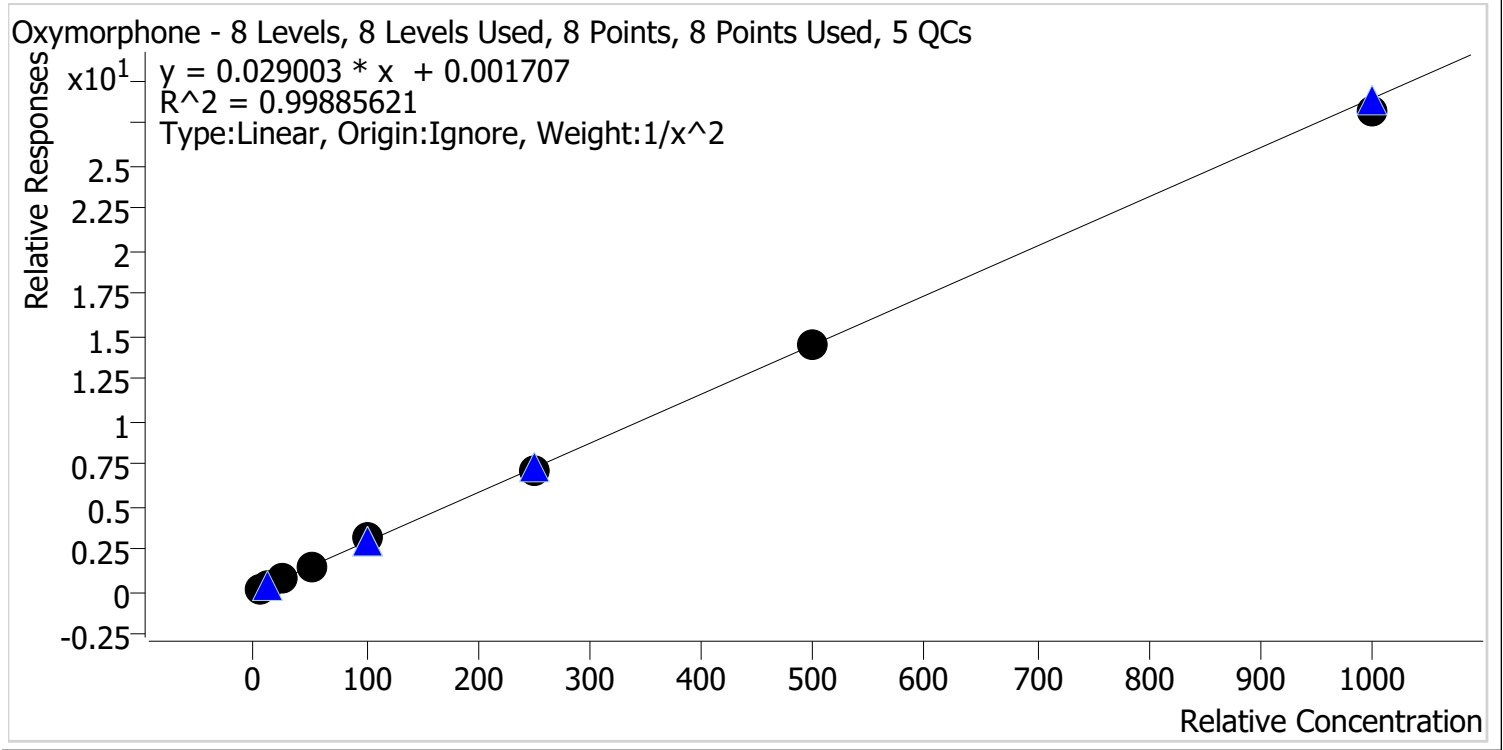


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	424.6	84.9
p1 Cal 8-1000ng	8	✗	1000.0	738.7	73.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

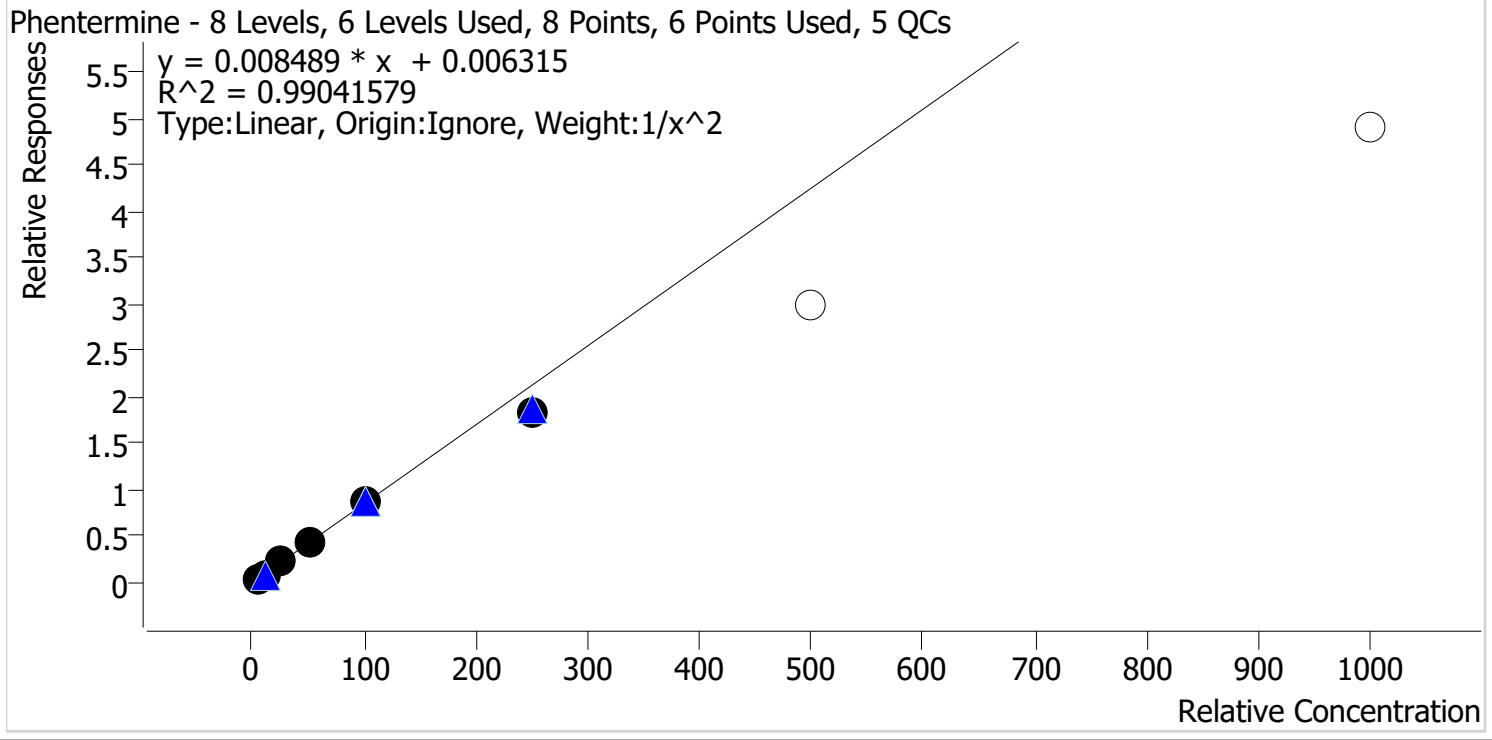


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	241.5	96.6
p1 Cal 7-500ng	7	✓	500.0	497.4	99.5
p1 Cal 8-1000ng	8	✓	1000.0	974.9	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



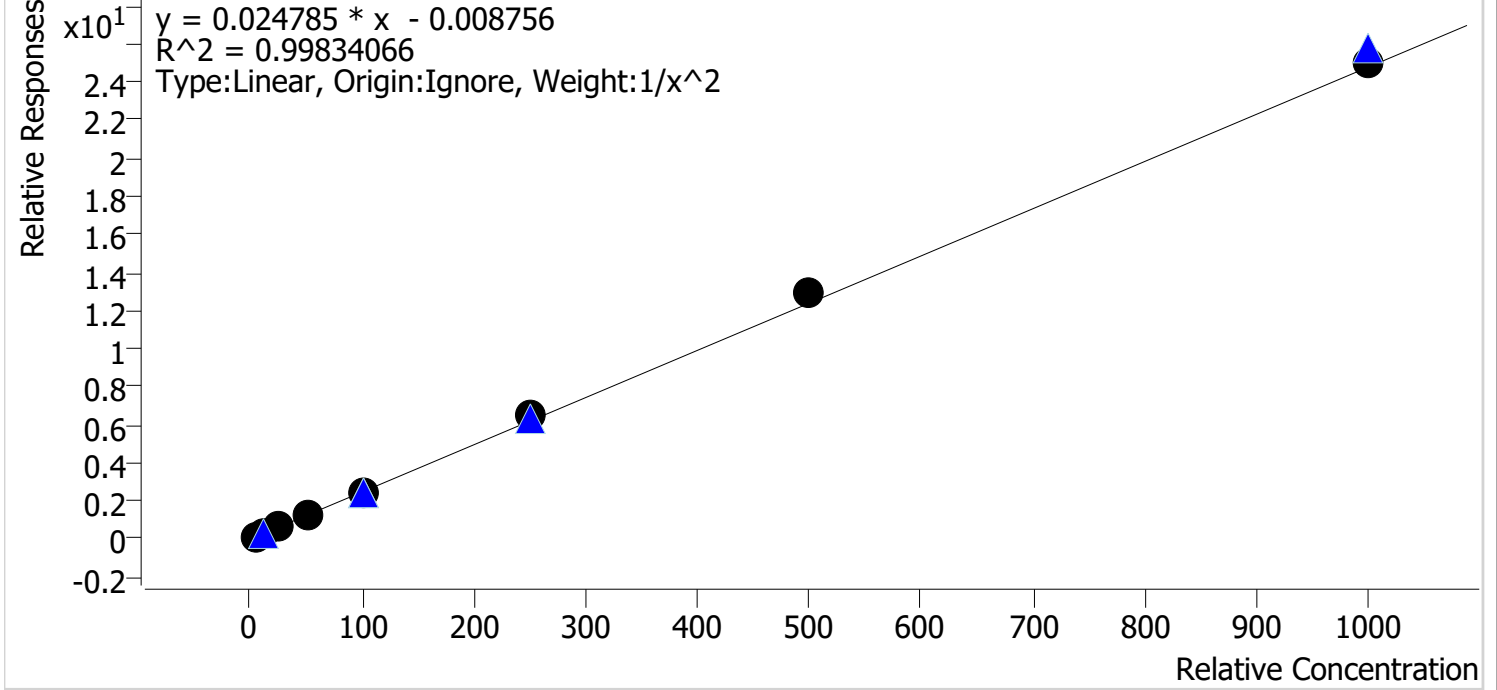
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	214.5	85.8
p1 Cal 7-500ng	7	x	500.0	352.1	70.4
p1 Cal 8-1000ng	8	x	1000.0	575.3	57.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

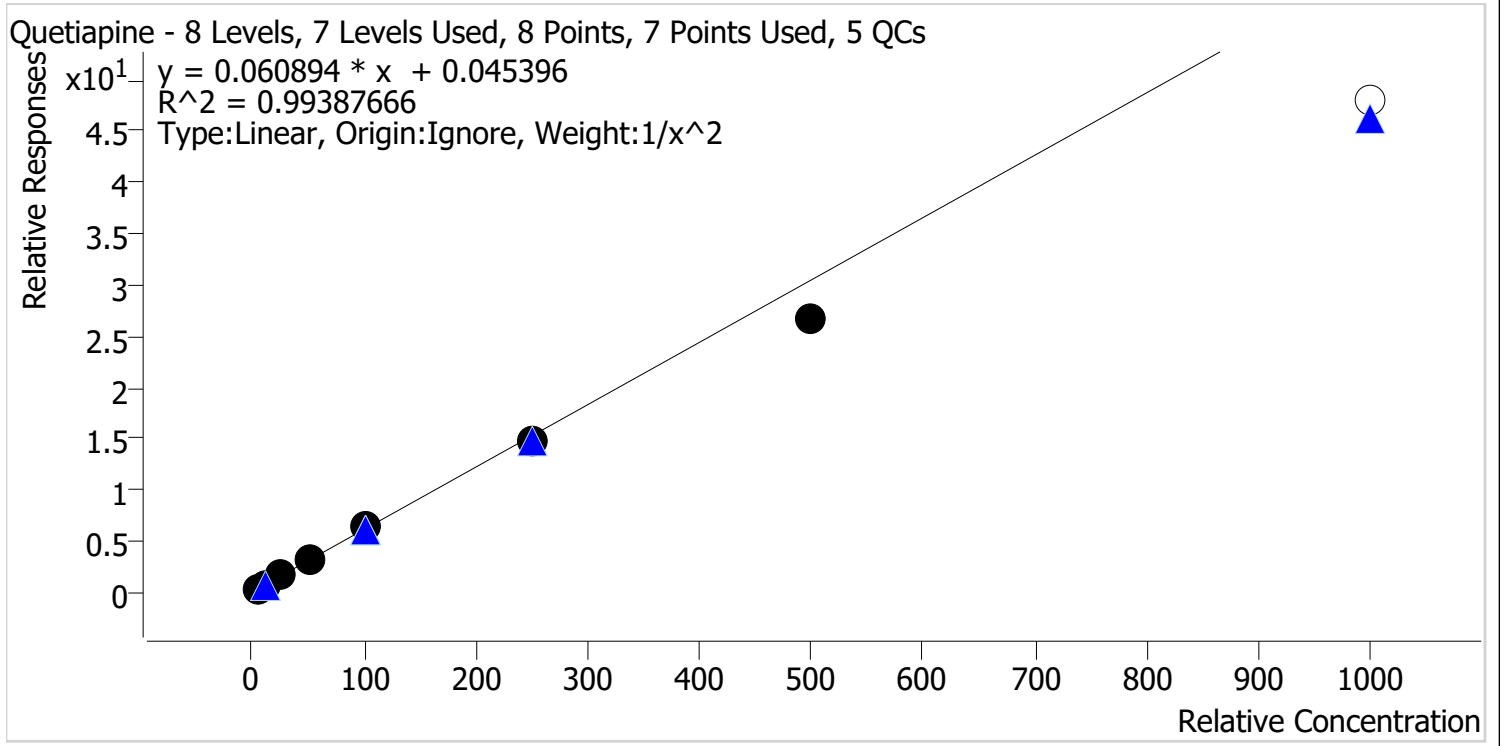


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	259.4	103.8
p1 Cal 7-500ng	7	✓	500.0	521.2	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1011.8	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



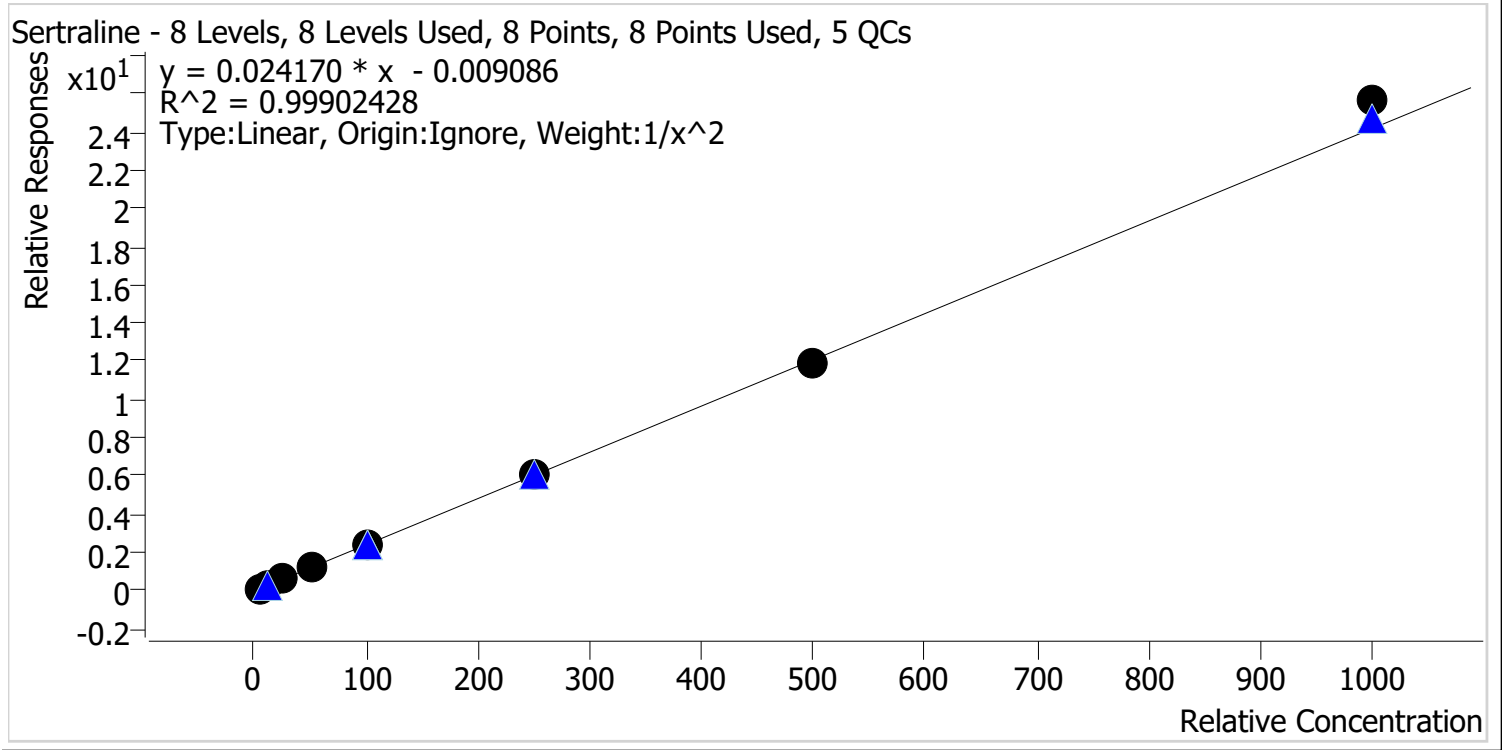
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	241.1	96.4
p1 Cal 7-500ng	7	✓	500.0	439.9	88.0
p1 Cal 8-1000ng	8	✗	1000.0	787.5	78.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1060.5	106.0

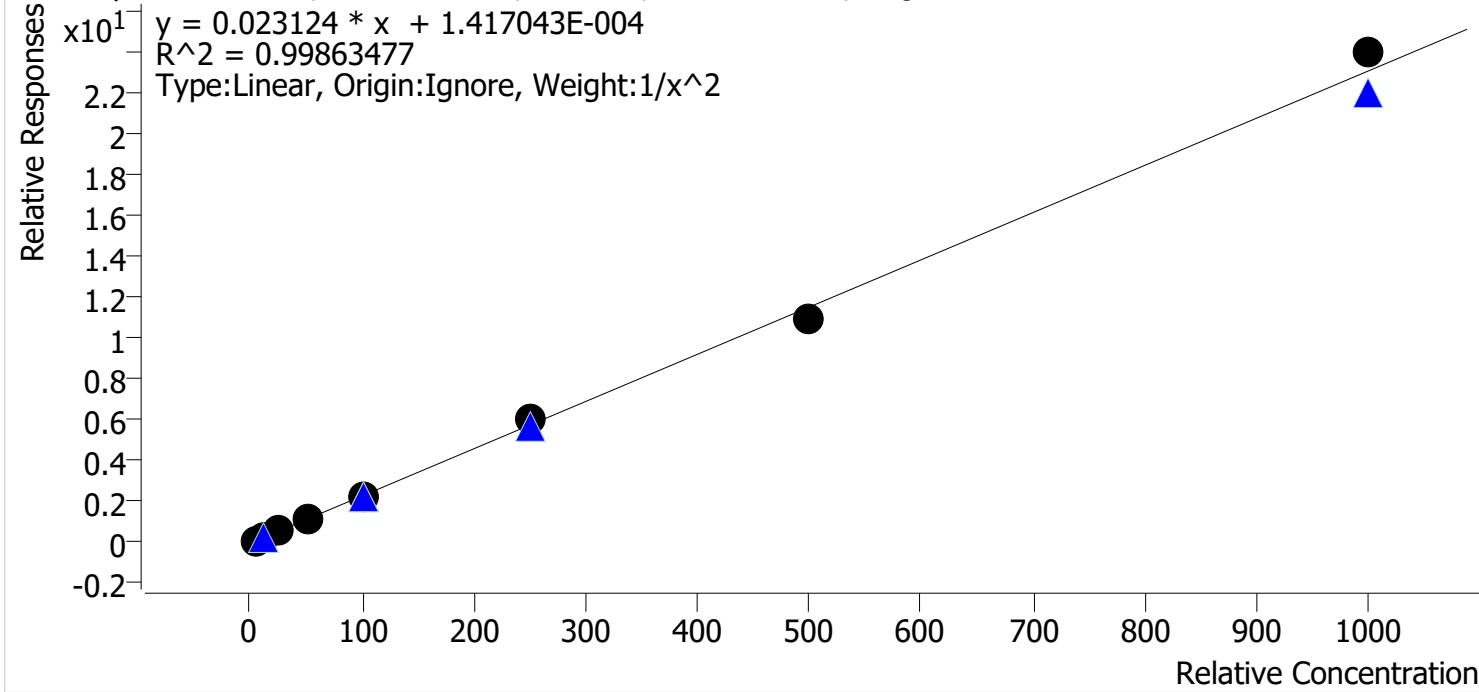
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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

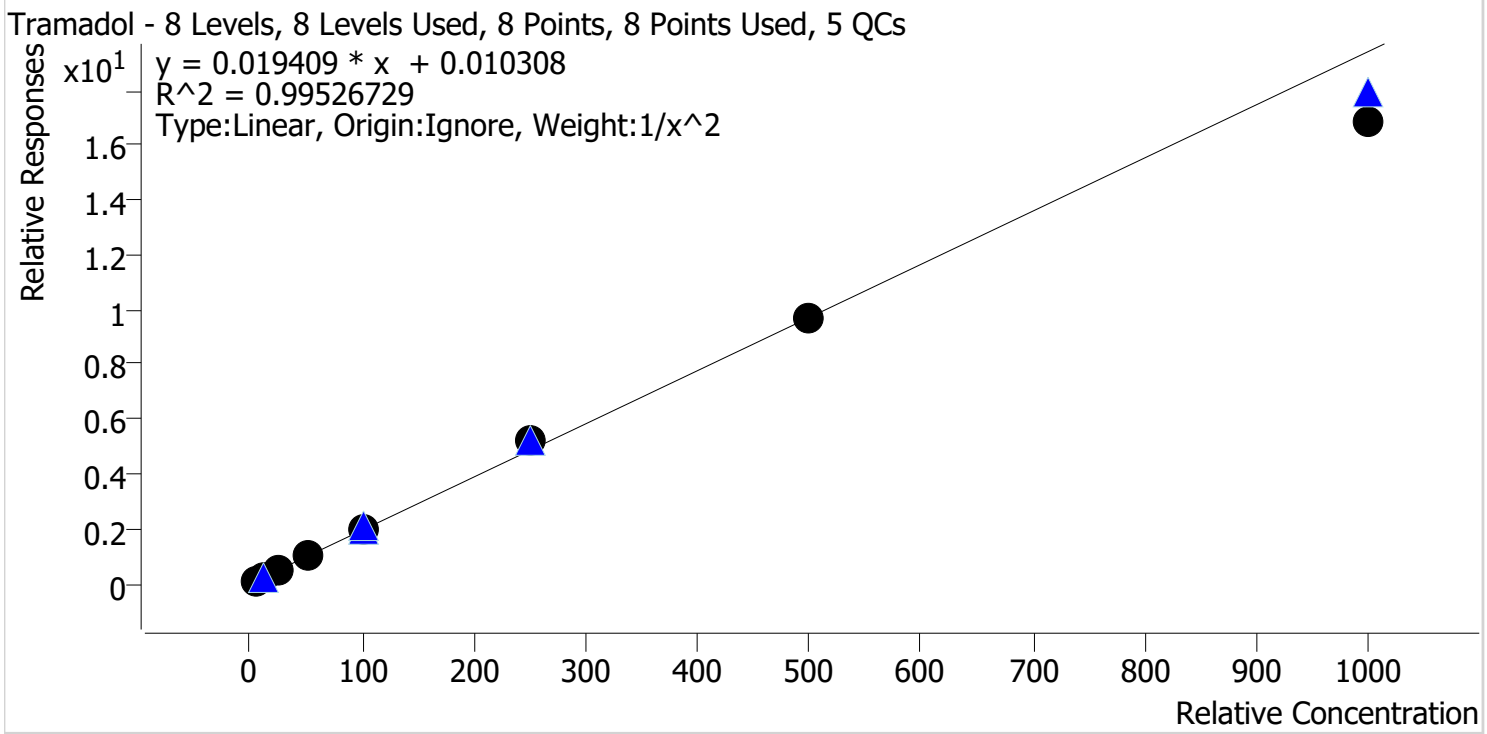


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	262.5	105.0
p1 Cal 7-500ng	7	✓	500.0	478.2	95.6
p1 Cal 8-1000ng	8	✓	1000.0	1039.0	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

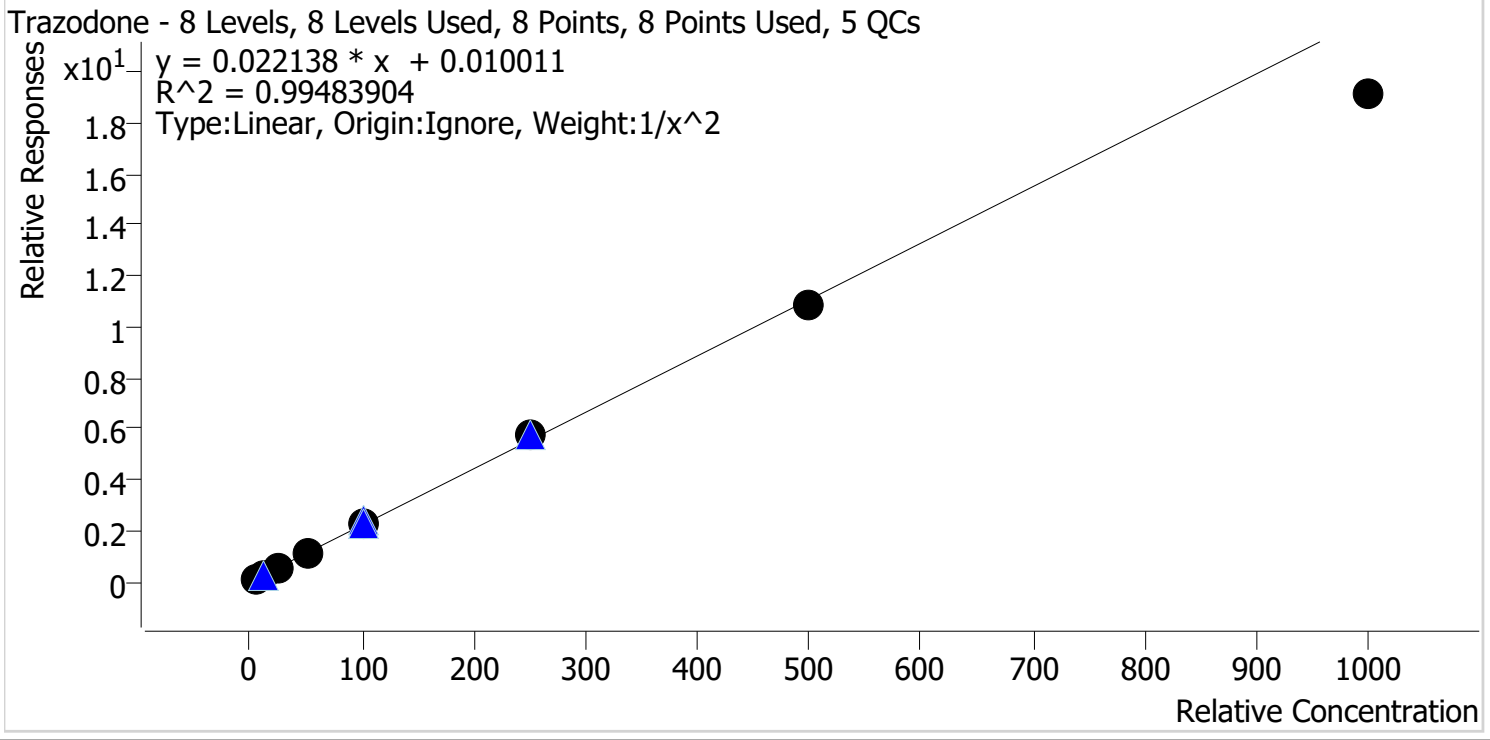


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	266.3	106.5
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	865.6	86.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

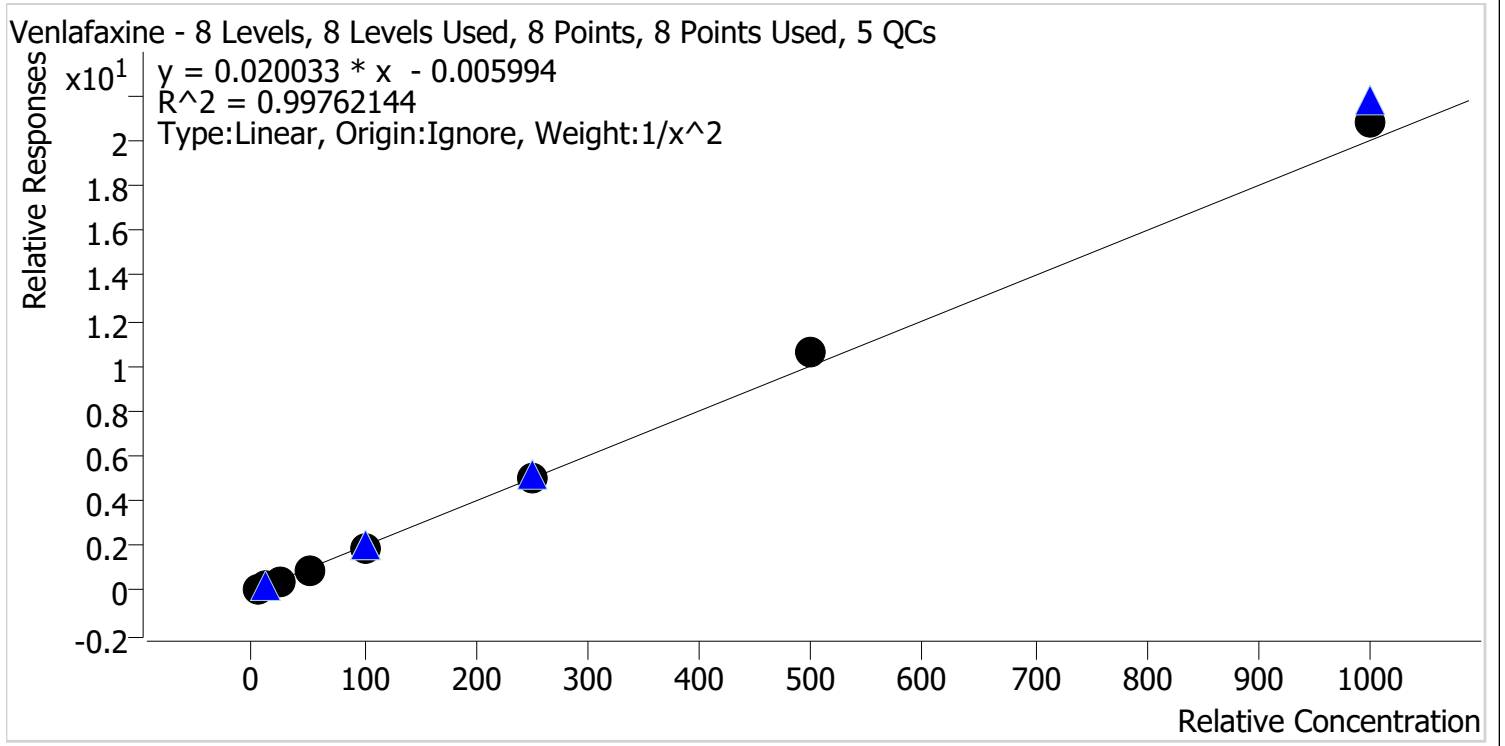


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	259.4	103.8
p1 Cal 7-500ng	7	✓	500.0	489.5	97.9
p1 Cal 8-1000ng	8	✓	1000.0	862.0	86.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



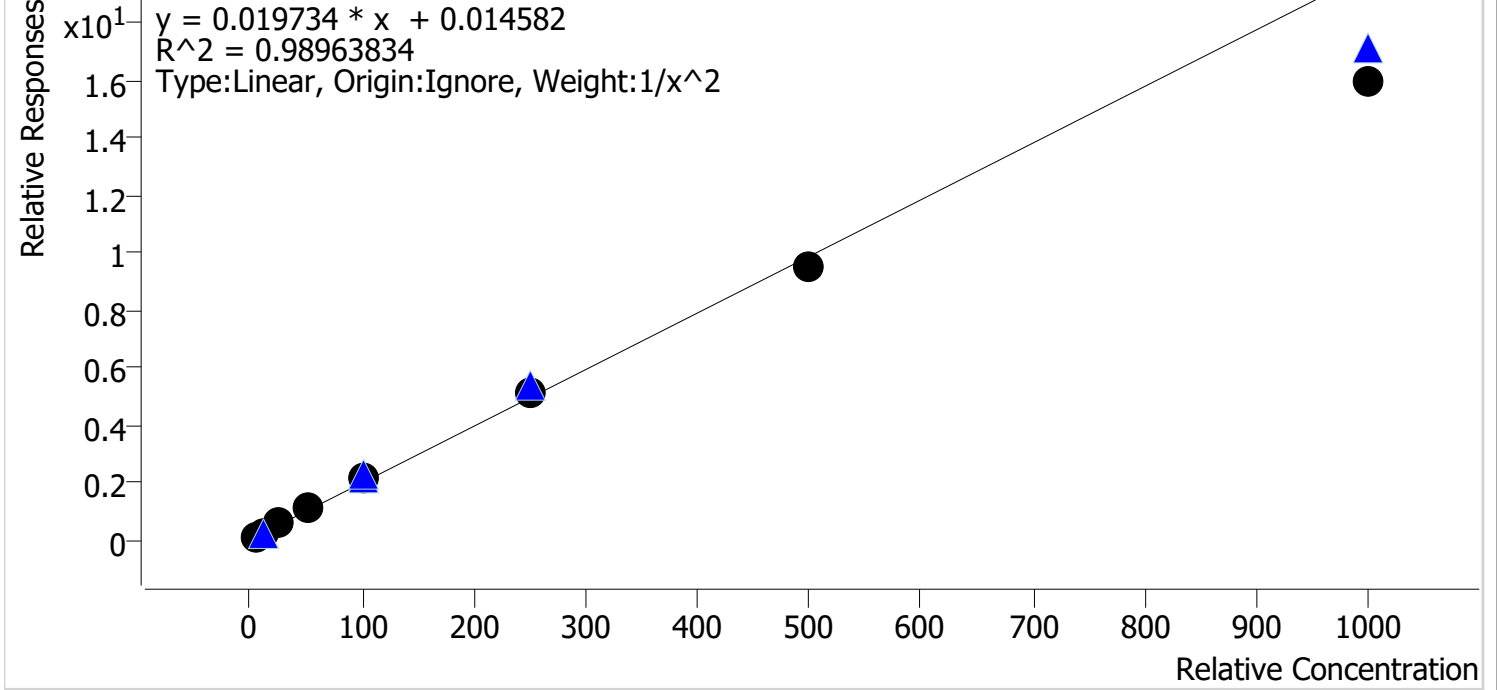
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	529.7	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1044.5	104.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 10/19/2022 1:30 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	479.9	96.0
p1 Cal 8-1000ng	8	✓	1000.0	811.8	81.2

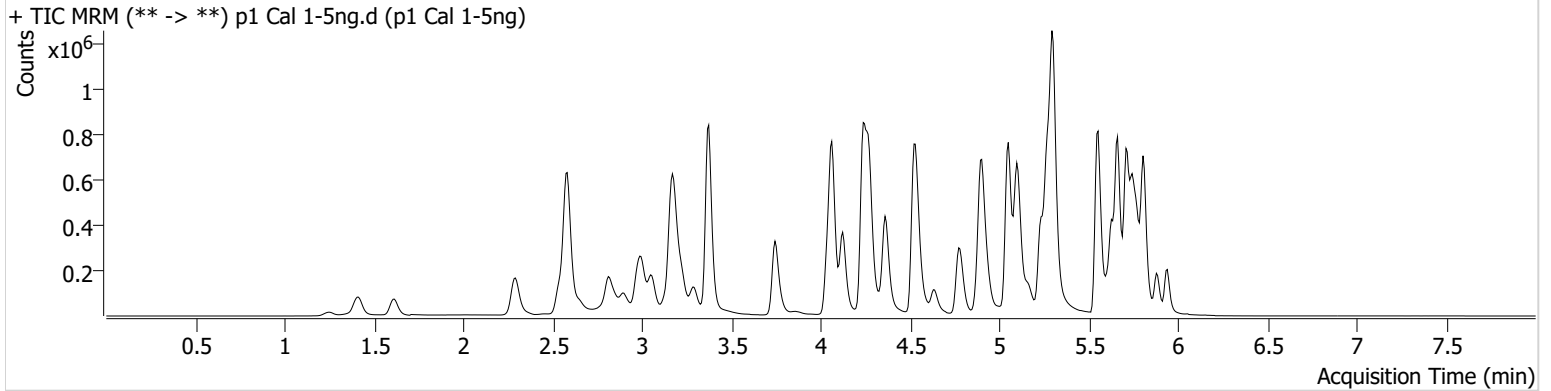
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 9:22:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	2093	230.95	64.4	294.46	107121	0.5090 ng/ml
7-aminoclonazepam	4.263	9693	128.50	75.1	70.30	72092	3.5703 ng/ml
a-hydroxyalprazolam	5.692	14086	431.02	68.1	246.94	1011970	4.8223 ng/ml
alpha-PHP	4.943	32847	1306.08	262.1	856.90	928117	4.8906 ng/ml
alpha-PVP	4.368	119681	418.79	53.8	1584.12	928117	5.1284 ng/ml
Alprazolam	5.769	57699	765.22	107.6	580.47	444002	5.0461 ng/ml
Amphetamine	3.058	178602	931.21	50.8	937.99	565033	4.9284 ng/ml
Benzoylecgonine	3.884	3044	88.55	8.7	13.35	17252	5.2405 ng/ml
Buprenorphine	5.819	2749	111.71	15.2	611.90	183190	0.5154 ng/ml
Bupropion	4.794	96229	6086.83	69.2	294.16	739807	4.9992 ng/ml
Carisoprodol	5.724	61329	329.52	68.7	433.00	538584	5.2027 ng/ml
Citalopram	5.232	97723	1300.57	34.9	19548.55	853885	5.1455 ng/ml
Clonazepam	5.612	57229	406.60	37.5	224.98	164587	4.6987 ng/ml
Clonazepam	5.556	42754	15843.90	38.5	25681.52	164587	4.7644 ng/ml
Cocaine	4.269	74073	5687.63	59.2	7709.46	1302637	5.0184 ng/ml
Codeine	2.587	9643	86.75	103.8	238.64	99414	4.7029 ng/ml
Cyclobenzaprine	5.628	85927	475.07	7.7	110.19	672134	5.1819 ng/ml
Dextromethorphan	5.275	55626	1803.48	81.1	2372.02	471958	5.0333 ng/ml
Dextrophan	4.123	36799	374.56	198.7	1197.39	711277	5.0717 ng/ml
Diazepam	5.940	35293	151.87	92.5	273.64	330179	4.9577 ng/ml
Dihydrocodeine	2.566	25639	438.79	66.8	31.36	300658	4.7580 ng/ml
Diphenhydramine	5.302	259417	16795.95	33.6	806.54	2236077	5.2101 ng/ml
Doxylamine	4.542	222617	4512.54	97.5	4183.72	1980183	4.9833 ng/ml
EDDP	5.267	104705	5529.61	40.4	386.80	1064646	5.0920 ng/ml
Etizolam	5.807	27133	57131.00	24.6	8136.18	164587	5.2473 ng/ml
Fentanyl	5.109	8859	44.42	65.8	∞	958548	0.4990 ng/ml
Flualprazolam	5.699	29309	334.42	100.2	1541.76	444002	4.8403 ng/ml
Fluoxetine	5.714	92821	101350.43	7.3	152.39	678373	5.1568 ng/ml
Hydrocodone	3.027	42324	119.38	37.9	95.84	448022	4.7120 ng/ml
Hydromorphone	1.621	33791	6146.67	75.7	42.85	205550	5.0303 ng/ml
Ketamine	4.056	78805	286.04	33.8	115.65	711053	4.9302 ng/ml
Lamotrigine	4.285	7940	268.16	86.4	678.79	1669767	4.8323 ng/ml
Levetiracetam	2.651	32487	607.24	160.4	191.30	1669767	5.1502 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	47318	963.18	49.7	26.34	705429	4.8458 ng/ml
MDA	3.205	110341	1439.37	36.5	26.59	752606	4.8413 ng/ml
MDMA	3.292	61862	1664.57	126.6	782.50	160940	4.9963 ng/ml
Meprobamate	4.903	45266	758.43	27.8	611.83	391564	4.9166 ng/ml
Methadone	5.660	152261	945.44	57.9	3995.28	1284625	5.1579 ng/ml
Methamphetamine	3.227	216142	618.51	39.3	894.10	1273818	4.7773 ng/ml
Metoprolol	4.331	23968	1158.60	98.4	647.92	1669767	5.1132 ng/ml
Mirtazapine	4.636	164520	1375.59	51.5	6029.52	928117	5.1504 ng/ml
Mitragynine	5.243	30803	40237.59	37.9	1209.14	1284625	4.8345 ng/ml
Morphine	1.261	4877	1168.27	29.4	64.94	18123	4.8349 ng/ml
Norbuprenorphine	5.005	619	7668.04	94.3	358.47	30451	0.5639 ng/ml
Nordiazepam	5.886	42779	1847.31	55.0	108.90	281819	4.9634 ng/ml
Norfentanyl	4.090	18405	1546.16	37.7	16.84	1600913	0.5209 ng/ml
Norhydrocodone	3.075	8359	92.00	40.8	48.69	128765	5.3037 ng/ml
Noroxycodone	2.918	39011	514.83	47.9	383.09	246597	5.0864 ng/ml
O-desmethyl-tramadol	3.372	184967	19492.94	6.1	107.24	1946588	5.1127 ng/ml
Oxazepam	5.750	66527	258.17	69.4	76.88	705429	4.9524 ng/ml
Oxycodone	2.843	76945	317.06	30.3	234.28	564497	4.8423 ng/ml
Oxymorphone	1.411	39483	221.89	48.1	270.92	270857	4.9671 ng/ml
Phentermine	3.780	42938	280.57	7.6	13.49	904314	4.8496 ng/ml
Promethazine	5.552	163193	828.32	30.7	511.44	1380037	5.1245 ng/ml
Pseudoephedrine	2.590	165589	932.43	20.2	143.08	1669767	5.1190 ng/ml
Quetiapine	5.562	101875	3168.47	60.3	6092.89	297085	4.8859 ng/ml
Sertraline	5.776	23421	426.42	97.1	232.85	209333	5.0050 ng/ml
Temazepam	5.810	118448	557.57	25.0	98.80	1011970	5.0556 ng/ml
Tramadol	4.251	202331	823.48	3.5	116.00	1901248	4.9521 ng/ml
Trazodone	5.155	99313	11814.22	85.5	396.79	842861	4.8703 ng/ml
Venlafaxine	5.050	168932	1258.05	30.7	274.59	1741309	5.1418 ng/ml
Zolpidem	4.920	171463	808.37	30.8	702.82	1556299	4.8440 ng/ml

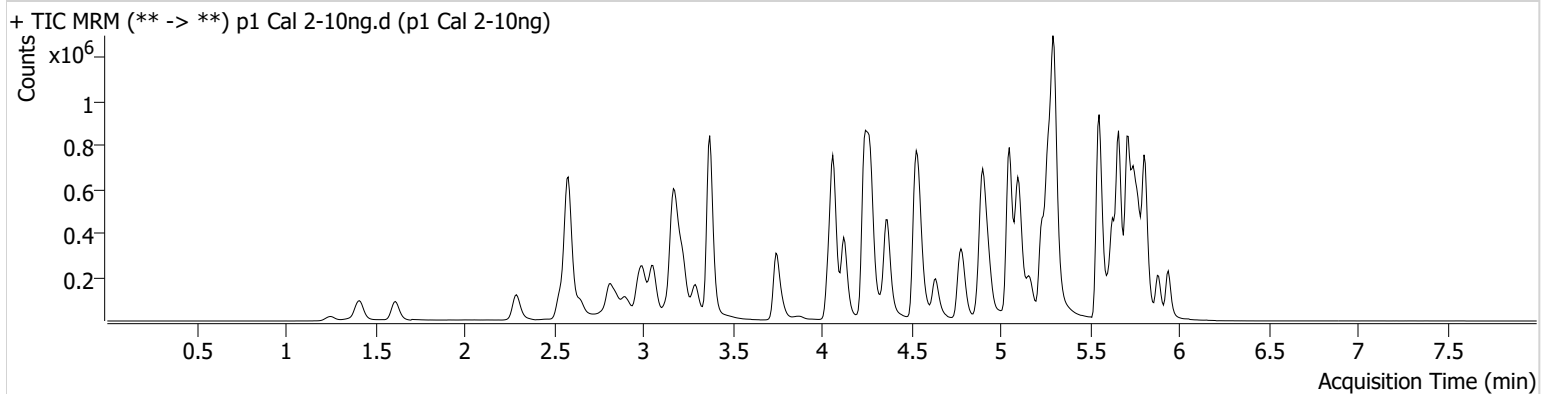
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 9:33:12 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	3580	561.19	70.4	1376.53	101036	0.9759 ng/ml
7-aminoclonazepam	4.263	19516	238.55	70.1	306.34	71447	9.7032 ng/ml
a-hydroxyalprazolam	5.692	28765	616.57	65.3	153.28	958763	10.6327 ng/ml
alpha-PPH	4.943	60583	1403.36	259.9	682.86	867742	10.1365 ng/ml
alpha-PVP	4.375	218843	6207.38	52.1	227.87	867742	9.7609 ng/ml
Alprazolam	5.769	105275	1127.75	109.9	536.52	419091	9.8495 ng/ml
Amphetamine	3.058	319865	817.25	51.1	357.73	533408	10.1383 ng/ml
Benzoylecgonine	3.884	4917	70.20	8.4	47.09	16718	9.1652 ng/ml
Buprenorphine	5.820	4838	33.93	18.0	1274.86	174876	0.9583 ng/ml
Bupropion	4.794	181800	5404.46	69.5	3379.43	714957	9.9594 ng/ml
Carisoprodol	5.724	112440	2050.42	69.1	240.45	514018	9.5342 ng/ml
Citalopram	5.232	175882	594.36	35.5	23180.84	798868	9.6531 ng/ml
Clonazepam	5.612	104293	4081.02	36.5	1661.70	151527	10.4817 ng/ml
Clonazepam	5.556	78336	5837.73	38.4	1572.86	151527	10.5777 ng/ml
Cocaine	4.269	135528	300.48	59.3	4249.89	1197052	10.0314 ng/ml
Codeine	2.587	18525	8639.19	104.6	7778.72	91055	10.7654 ng/ml
Cyclobenzaprine	5.628	163295	5148.14	7.9	38.46	658014	9.5858 ng/ml
Dextromethorphan	5.275	104384	128.30	81.1	201.99	442293	9.9849 ng/ml
Dextrophan	4.130	66798	426.96	196.9	5341.26	651646	9.9113 ng/ml
Diazepam	5.940	66360	559.37	90.4	1059.48	314730	9.9855 ng/ml
Dihydrocodeine	2.566	46525	1602.00	67.5	4935.92	278271	10.3192 ng/ml
Diphenhydramine	5.302	420491	10470.44	33.2	5725.28	2081971	9.3923 ng/ml
Doxylamine	4.548	404473	4351.04	96.6	4877.69	1832936	9.9240 ng/ml
EDDP	5.267	190690	683.46	41.5	4121.17	982822	9.8762 ng/ml
Etizolam	5.807	48645	5262.89	25.1	21195.47	151527	9.6489 ng/ml
Fentanyl	5.109	18743	697.20	63.6	485.96	929099	1.0180 ng/ml
Flualprazolam	5.699	53368	3982.18	99.2	1717.67	419091	10.1547 ng/ml
Fluoxetine	5.714	188143	679.66	7.4	85.04	697994	9.7780 ng/ml
Hydrocodone	3.027	80096	126.52	36.9	86.71	416598	10.6142 ng/ml
Hydromorphone	1.621	64323	1214.45	75.5	2132.48	198899	9.8890 ng/ml
Ketamine	4.056	140123	8755.87	34.8	254.29	656179	10.0684 ng/ml
Lamotrigine	4.285	14347	707.21	90.9	1770.23	1559042	10.2910 ng/ml
Levetiracetam	2.651	60042	303.92	157.9	243.20	1559042	9.7009 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	82454	362.85	50.3	167.53	657335	10.0732 ng/ml
MDA	3.205	200658	2097.79	36.4	40.35	710356	10.2922 ng/ml
MDMA	3.299	112006	4223.43	124.6	459.31	149985	9.9017 ng/ml
Meprobamate	4.910	81944	494.23	27.2	631.01	372486	10.2130 ng/ml
Methadone	5.660	281465	6180.76	58.6	3528.12	1210714	9.6467 ng/ml
Methamphetamine	3.227	371571	355.09	38.8	1027.79	1189704	10.3856 ng/ml
Metoprolol	4.331	42732	3306.04	99.7	523.73	1559042	9.6345 ng/ml
Mirtazapine	4.636	298198	4364.28	53.1	555.64	867742	9.6289 ng/ml
Mitragynine	5.243	60106	1767.06	35.5	1663.52	1210714	10.3485 ng/ml
Morphine	1.261	10121	1487.03	25.2	709.33	17709	10.3815 ng/ml
Norbuprenorphine	5.005	725	322.83	119.3	19.41	30341	0.7231 ng/ml
Nordiazepam	5.886	78728	542.43	55.0	620.48	267764	9.9733 ng/ml
Norfentanyl	4.090	34208	748.84	36.6	192.35	1492490	0.9703 ng/ml
Norhydrocodone	3.075	14656	71.21	41.1	60.19	115993	9.3633 ng/ml
Noroxycodone	2.918	70669	12.37	50.5	271.17	236502	9.6491 ng/ml
O-desmethyl-tramadol	3.379	332118	1458.66	6.4	897.67	1780998	9.7413 ng/ml
Oxazepam	5.750	120562	185.75	72.6	152.10	657335	9.9432 ng/ml
Oxycodone	2.843	139471	376.93	30.2	768.21	527234	10.1649 ng/ml
Oxymorphone	1.418	72720	303.10	48.0	822.66	246107	10.1292 ng/ml
Phentermine	3.780	78282	2069.71	6.9	175.81	842237	10.2055 ng/ml
Promethazine	5.552	315583	872.11	30.3	11182.37	1351325	9.7759 ng/ml
Pseudoephedrine	2.590	308741	1611.98	19.7	5713.89	1559042	9.7915 ng/ml
Quetiapine	5.562	182635	3785.14	61.6	19631.93	277530	10.0614 ng/ml
Sertraline	5.783	51723	289.15	92.8	132988.40	221233	10.0489 ng/ml
Temazepam	5.810	218327	2116.91	25.5	189.07	958763	9.8415 ng/ml
Tramadol	4.251	363708	448.38	3.6	109.20	1785133	9.9665 ng/ml
Trazodone	5.155	188199	239.98	85.7	701.85	795141	10.2394 ng/ml
Venlafaxine	5.050	305440	2810.69	31.6	290.00	1618698	9.7182 ng/ml
Zolpidem	4.920	311880	704.40	30.2	1942.32	1453098	10.1372 ng/ml

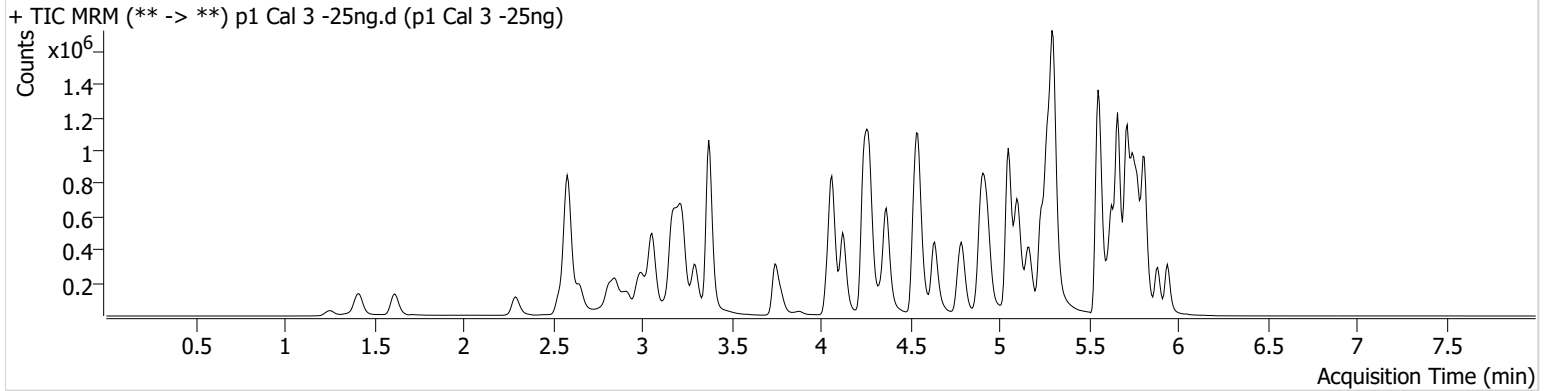
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 9:43:48 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	8476	162.06	71.4	2942.91	99687	2.4327 ng/ml
7-aminoclonazepam	4.263	34910	467.36	74.0	189.70	52231	27.1791 ng/ml
a-hydroxyalprazolam	5.692	66182	319.28	66.6	245.23	923914	25.6731 ng/ml
alpha-PHP	4.943	150419	820.28	258.2	1891.84	858813	26.1870 ng/ml
alpha-PVP	4.375	539930	4556.98	52.6	5576.69	858813	23.9125 ng/ml
Alprazolam	5.769	257219	2481.92	111.8	648.95	411121	24.6845 ng/ml
Amphetamine	3.058	778322	1039.66	50.3	354.41	533332	25.9332 ng/ml
Benzoylecgonine	3.884	11952	59.77	8.9	92.03	15895	24.4346 ng/ml
Buprenorphine	5.820	12593	546.64	15.0	2701.63	183460	2.3919 ng/ml
Bupropion	4.794	430912	9483.91	69.5	375.12	680296	25.1001 ng/ml
Carisoprodol	5.724	263085	32235.24	67.2	412.06	470193	23.6087 ng/ml
Citalopram	5.232	441371	597.93	36.1	∞	796311	23.8988 ng/ml
Clonazepam	5.612	257627	9243.58	35.0	537.42	151124	27.7417 ng/ml
Clonazepam	5.556	184571	21053.07	39.1	18739.02	151124	26.4970 ng/ml
Cocaine	4.269	330591	16666.47	60.4	4789.67	1188944	24.6945 ng/ml
Codeine	2.594	44600	4048.78	103.2	343797.87	91505	26.9360 ng/ml
Cyclobenzaprine	5.635	420302	2951.13	7.8	21850.89	661608	23.7547 ng/ml
Dextromethorphan	5.281	258266	538.53	80.6	16250.17	444588	24.4400 ng/ml
Dextrophan	4.123	165210	3935.21	200.4	526.92	660332	23.9891 ng/ml
Diazepam	5.940	162317	222.04	88.5	725.75	302938	25.7024 ng/ml
Dihydrocodeine	2.566	120236	539.31	65.3	441.33	280845	28.0332 ng/ml
Diphenhydramine	5.302	1049124	27868.50	33.2	18331.14	2093572	23.9476 ng/ml
Doxylamine	4.542	1021118	6056.40	97.4	69660.99	1843404	25.1351 ng/ml
EDDP	5.267	485281	9523.47	41.0	15612.37	1016955	24.0360 ng/ml
Etizolam	5.807	115858	6100.28	26.2	17069.20	151124	22.2074 ng/ml
Fentanyl	5.109	48224	362.03	64.3	118.10	951942	2.4653 ng/ml
Flualprazolam	5.699	129817	6738.21	99.3	5478.18	411121	26.4810 ng/ml
Fluoxetine	5.714	458012	25684.63	8.0	65664.54	702836	23.0831 ng/ml
Hydrocodone	3.027	193364	296.53	37.4	721.02	413738	27.2170 ng/ml
Hydromorphone	1.621	157899	433349.08	76.4	3328.87	194544	24.8078 ng/ml
Ketamine	4.056	342645	447.04	34.7	740.00	652449	25.6571 ng/ml
Lamotrigine	4.285	33982	1300.59	91.9	596.83	1532410	26.2155 ng/ml
Levetiracetam	2.651	149214	327.38	157.5	258.67	1532410	23.7567 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	201812	4450.82	51.5	175.45	621118	27.9409 ng/ml
MDA	3.205	477315	4145.50	35.8	179.87	690195	26.7047 ng/ml
MDMA	3.299	277774	11996.55	127.6	1114.80	147590	25.2685 ng/ml
Meprobamate	4.910	192963	292.24	29.0	130.85	366564	25.7600 ng/ml
Methadone	5.660	724297	37563.14	57.3	1870.05	1231995	23.6477 ng/ml
Methamphetamine	3.227	893068	349.07	38.3	1372.35	1210801	27.1060 ng/ml
Metoprolol	4.331	108225	3337.16	97.8	4055.54	1532410	24.6012 ng/ml
Mirtazapine	4.636	754428	21441.07	51.6	3566.78	858813	24.0237 ng/ml
Mitragynine	5.243	152586	228745.62	35.6	2125.93	1231995	26.2904 ng/ml
Morphine	1.261	24700	762.72	26.1	1651.27	17194	26.2467 ng/ml
Norbuprenorphine	5.005	1947	17596.93	86.4	63.45	29223	2.6198 ng/ml
Nordiazepam	5.887	192069	2963.24	55.7	774.53	260942	25.5448 ng/ml
Norfentanyl	4.090	83282	10883.39	37.9	630.85	1491245	2.2659 ng/ml
Norhydrocodone	3.075	34770	130.64	40.0	164.76	106924	22.5008 ng/ml
Noroxycodone	2.918	177022	618.62	46.3	374.52	227603	25.1905 ng/ml
O-desmethyl-tramadol	3.379	842438	34961.83	6.2	1257.96	1790454	24.1165 ng/ml
Oxazepam	5.750	290484	1055.04	71.4	454.17	621118	25.8657 ng/ml
Oxycodone	2.843	350906	779.50	29.8	1094.52	527490	26.7977 ng/ml
Oxymorphone	1.418	183150	∞	48.1	∞	257319	24.4821 ng/ml
Phentermine	3.780	200846	444.17	7.1	849.44	854173	26.9562 ng/ml
Promethazine	5.552	792425	1927.70	31.0	552.69	1381224	23.5012 ng/ml
Pseudoephedrine	2.590	760842	7682.38	20.0	369.23	1532410	23.8979 ng/ml
Quetiapine	5.562	458622	115582.34	61.4	185128.11	274348	26.7068 ng/ml
Sertraline	5.783	135069	1186.83	94.0	36094.25	227229	24.9694 ng/ml
Temazepam	5.810	527441	444.08	25.2	336.68	923914	24.6814 ng/ml
Tramadol	4.251	912770	10691.50	3.4	215.12	1787964	25.7721 ng/ml
Trazodone	5.162	482300	61145.59	84.2	2562.51	826473	25.9084 ng/ml
Venlafaxine	5.050	768225	596.32	30.6	1887.06	1631275	23.8066 ng/ml
Zolpidem	4.920	786903	10132.56	29.6	5021.90	1454664	26.6729 ng/ml

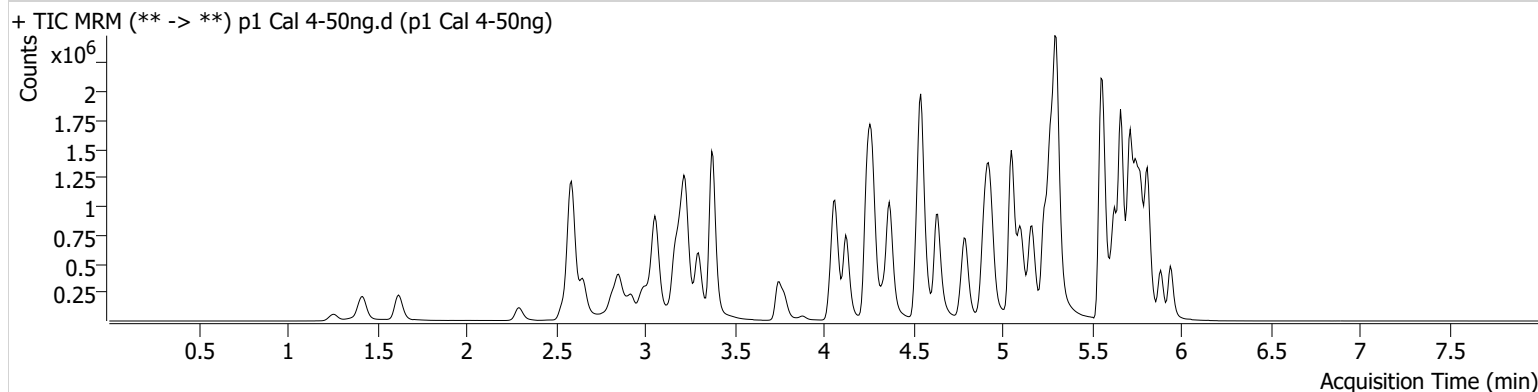
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 9:54:24 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	18962	2658.70	68.3	29153.03	109291	5.0318 ng/ml
7-aminoclonazepam	4.263	98204	289.16	71.3	255.48	74054	56.2639 ng/ml
a-hydroxyalprazolam	5.692	125771	3468.94	66.8	1730.96	892201	50.7228 ng/ml
alpha-PHP	4.943	313561	4384.11	257.4	38685.62	910294	51.9870 ng/ml
alpha-PVP	4.375	1154291	48078.67	53.3	9178.95	910294	47.9440 ng/ml
Alprazolam	5.769	516044	591.58	110.9	1901.96	407345	50.0867 ng/ml
Amphetamine	3.058	1597417	859.93	49.1	1870.47	557337	51.7798 ng/ml
Benzoylcegonine	3.884	26879	348.76	8.8	60.55	18071	48.9657 ng/ml
Buprenorphine	5.819	25528	3651.73	16.0	6422.56	183550	4.8562 ng/ml
Bupropion	4.794	897791	∞	70.3	9269.45	712479	50.1263 ng/ml
Carisoprodol	5.724	513843	473959.90	65.3	5432.92	454007	47.2440 ng/ml
Citalopram	5.232	929135	14411.50	35.3	34474.01	817609	48.7199 ng/ml
Clonazepam	5.612	496369	663.31	36.8	36209.00	146646	56.2701 ng/ml
Clonazepam	5.556	359711	22863.86	39.0	233012.61	146646	54.3330 ng/ml
Cocaine	4.269	692847	43221.02	61.6	20121.88	1260554	48.8534 ng/ml
Codeine	2.594	91079	2406.07	100.5	13162.57	96693	52.8208 ng/ml
Cyclobenzaprine	5.635	858086	41520.33	7.8	4190.73	667810	47.5329 ng/ml
Dextromethorphan	5.281	528428	366.67	81.5	36590.51	449666	49.3452 ng/ml
Dextrophan	4.123	358291	72425.09	199.0	790.84	694707	49.3024 ng/ml
Diazepam	5.940	331864	556.08	92.6	3184.03	312012	51.2301 ng/ml
Dihydrocodeine	2.566	247654	833.67	66.7	310.74	306659	53.7944 ng/ml
Diphenhydramine	5.302	2197080	68787.39	33.2	7955.33	2199519	48.1673 ng/ml
Doxylamine	4.542	2272420	84046.42	97.0	188548.60	2001443	51.6748 ng/ml
EDDP	5.267	995928	27518.67	40.9	404.87	1037146	48.1916 ng/ml
Etizolam	5.807	238571	27381.50	26.5	4285.38	146646	46.4506 ng/ml
Fentanyl	5.109	102424	11514.84	65.7	253540.69	1008736	4.8808 ng/ml
Flualprazolam	5.706	262716	5289.43	102.2	25633.53	407345	55.0045 ng/ml
Fluoxetine	5.714	904597	145153.09	7.7	657.04	661520	48.0065 ng/ml
Hydrocodone	3.027	404685	1514.94	38.2	1177.66	439860	54.5371 ng/ml
Hydromorphone	1.621	338082	1703462.83	76.2	961102.69	205513	50.2744 ng/ml
Ketamine	4.056	740536	690.50	34.5	215.35	706540	51.8171 ng/ml
Lamotrigine	4.285	70047	2577.22	92.7	818.49	1584616	53.2559 ng/ml
Levetiracetam	2.658	313062	7368.85	158.9	5616.57	1584616	47.6824 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	346898	5032.90	48.8	1372.38	572980	53.0664 ng/ml
MDA	3.205	944496	1023.93	37.3	306.40	701907	52.9451 ng/ml
MDMA	3.299	595997	723.74	127.5	3011.24	156868	51.2202 ng/ml
Meprobamate	4.910	385592	32027.92	28.0	253.48	371533	51.7089 ng/ml
Methadone	5.660	1523371	2857.36	56.7	38995.52	1254611	48.3195 ng/ml
Methamphetamine	3.227	1868359	16726.60	38.3	13484.16	1310685	54.1527 ng/ml
Metoprolol	4.331	224905	2389.41	100.3	6660.78	1584616	49.2964 ng/ml
Mirtazapine	4.636	1608913	6225.05	51.8	3171.41	910294	47.9522 ng/ml
Mitragynine	5.243	305548	46998.29	36.4	10827.14	1254611	52.0025 ng/ml
Morphine	1.261	53907	315.47	25.8	243.00	18855	52.3384 ng/ml
Norbuprenorphine	5.005	3626	4636.60	107.0	1167.62	30843	4.8798 ng/ml
Nordiazepam	5.886	381230	732.51	55.8	350.34	258803	51.5061 ng/ml
Norfentanyl	4.090	177221	128.91	37.8	444.98	1538182	4.6019 ng/ml
Norhydrocodone	3.075	67814	242.09	39.2	153.41	98663	46.4289 ng/ml
Noroxycodone	2.925	353443	3054.72	48.4	5657.43	229247	49.9807 ng/ml
O-desmethyl-tramadol	3.379	1813663	78974.45	6.4	723.51	1902816	48.5424 ng/ml
Oxazepam	5.750	537421	4838.17	70.8	899.42	572980	52.2061 ng/ml
Oxycodone	2.843	747807	936.76	29.7	1658.25	562857	54.3329 ng/ml
Oxymorphone	1.418	381623	∞	48.5	∞	256795	51.1807 ng/ml
Phentermine	3.780	418388	529.39	6.9	152.16	911656	53.3208 ng/ml
Promethazine	5.552	1682668	34542.97	29.9	2026.87	1401954	48.7798 ng/ml
Pseudoephedrine	2.597	1595816	22550.54	20.1	509.80	1584616	48.0286 ng/ml
Quetiapine	5.562	948583	32303.61	61.3	238733.48	290908	52.8028 ng/ml
Sertraline	5.783	263705	628.97	92.3	527.37	223659	49.1579 ng/ml
Temazepam	5.810	1031534	8480.80	24.7	381.50	892201	49.9922 ng/ml
Tramadol	4.251	1931884	523.43	3.5	257.22	1908144	51.6336 ng/ml
Trazodone	5.155	1042969	42115.09	83.6	30501.23	889761	52.4977 ng/ml
Venlafaxine	5.050	1654064	57212.43	30.9	734.10	1737379	47.8219 ng/ml
Zolpidem	4.920	1683622	3734.50	29.1	810.34	1555289	54.1157 ng/ml

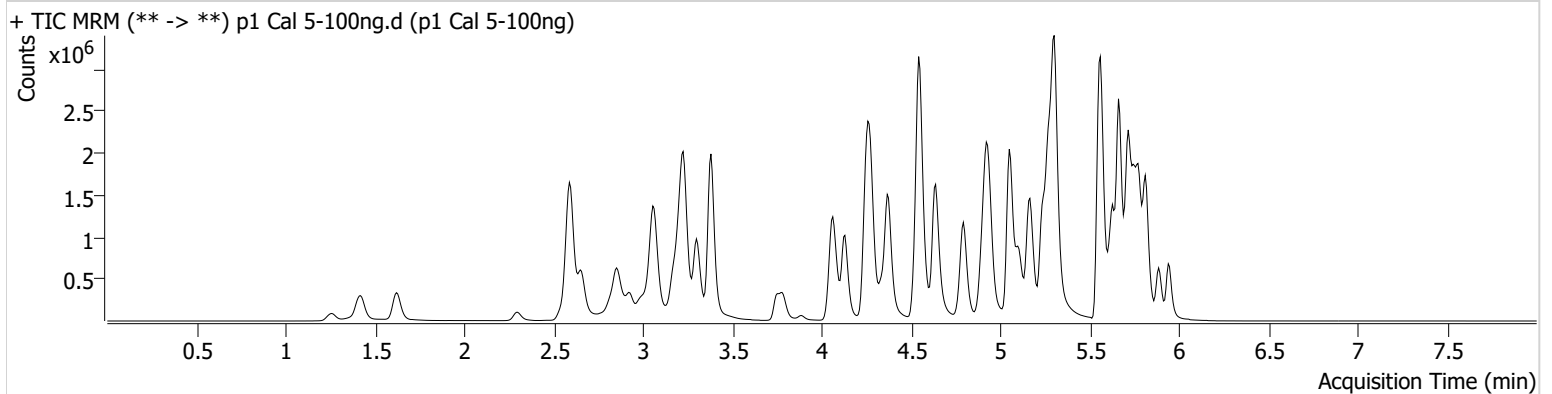
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 10:05:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	32799	1324.02	68.8	7995.17	99602	9.6085 ng/ml
7-aminoclonazepam	4.270	199447	420.70	71.3	1539.64	78435	110.0646 ng/ml
a-hydroxyalprazolam	5.692	191676	834.92	66.7	825.92	721489	95.7752 ng/ml
alpha-PHP	4.943	542726	8023.57	257.4	53946.15	788140	104.4298 ng/ml
alpha-PVP	4.375	2009790	233453.62	53.3	1709.55	788140	96.1312 ng/ml
Alprazolam	5.769	895378	807.80	108.2	5044.59	351648	100.7726 ng/ml
Amphetamine	3.065	2560012	611.98	48.7	13351.21	502312	92.7562 ng/ml
Benzoylecgonine	3.884	48694	1208.02	8.4	56.40	16438	98.1561 ng/ml
Buprenorphine	5.820	43885	743.58	15.1	5908.38	150996	10.1584 ng/ml
Bupropion	4.794	1654678	32979.23	68.9	∞	645851	102.1179 ng/ml
Carisoprodol	5.724	810690	1223.44	64.6	391.24	347205	96.9335 ng/ml
Citalopram	5.232	1610379	27427.53	34.9	32173.19	702245	98.0428 ng/ml
Clonazepam	5.612	803556	∞	36.6	47392.14	124757	108.1657 ng/ml
Clonazepam	5.556	571641	82969.77	38.5	6239.30	124757	102.4548 ng/ml
Cocaine	4.269	1197710	50456.29	60.5	37699.26	1080709	98.5463 ng/ml
Codeine	2.594	150784	365.64	99.9	12634.06	80995	105.1966 ng/ml
Cyclobenzaprine	5.635	1500895	70203.48	7.7	382.33	573062	96.3649 ng/ml
Dextromethorphan	5.281	904328	68564.80	80.6	37095.84	382558	99.1662 ng/ml
Dextrophan	4.130	621269	1418.26	199.9	25121.56	602831	98.3785 ng/ml
Diazepam	5.947	579194	2154.29	91.8	602.95	272177	102.7087 ng/ml
Dihydrocodeine	2.566	431222	24298.44	66.1	3329.81	269524	107.5858 ng/ml
Diphenhydramine	5.302	3848433	49511.51	32.7	89043.32	1892421	98.5121 ng/ml
Doxylamine	4.542	4042330	28725.26	96.8	43094.67	1776454	103.7132 ng/ml
EDDP	5.267	1661695	30191.73	39.8	2367.74	854881	97.3720 ng/ml
Etizolam	5.807	404506	9429.40	26.2	7585.26	124757	91.9804 ng/ml
Fentanyl	5.109	182607	426.97	65.8	4604.40	909621	9.5911 ng/ml
Flualprazolam	5.706	438990	9246.06	101.3	14069.67	351648	107.2911 ng/ml
Fluoxetine	5.714	1535508	119907.47	7.5	239.88	555532	96.6345 ng/ml
Hydrocodone	3.027	684720	240.61	37.4	112.14	393333	104.0734 ng/ml
Hydromorphone	1.621	579092	49253.39	75.9	3095931.39	175795	100.6641 ng/ml
Ketamine	4.056	1296034	3092.78	34.4	284.35	622454	103.5432 ng/ml
Lamotrigine	4.292	118336	1670.21	94.1	6982.39	1343846	107.0845 ng/ml
Levetiracetam	2.658	548090	2719.42	159.4	18779.05	1343846	97.8997 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	477518	3760.05	52.3	640.53	424799	99.5246 ng/ml
MDA	3.205	1506656	388.87	37.2	849.19	596467	100.3005 ng/ml
MDMA	3.299	1031100	45820.56	127.9	3096.55	136130	102.3175 ng/ml
Meprobamate	4.910	602106	21469.47	28.4	10268.58	324892	93.0809 ng/ml
Methadone	5.660	2680915	29796.74	56.0	34443.06	1089179	97.4490 ng/ml
Methamphetamine	3.233	3224367	3037.81	37.7	1517.99	1181850	105.3742 ng/ml
Metoprolol	4.331	385239	1378.32	100.4	1043.37	1343846	99.4231 ng/ml
Mirtazapine	4.636	2866721	1457.98	51.5	8429.83	788140	98.2813 ng/ml
Mitragynine	5.243	528759	587.15	36.1	16707.41	1089179	103.9749 ng/ml
Morphine	1.261	91613	112.48	25.4	367.14	16539	101.4979 ng/ml
Norbuprenorphine	5.005	6937	7174.60	98.1	18365.06	28134	10.6061 ng/ml
Nordiazepam	5.886	655524	∞	54.8	8087.08	223739	102.8239 ng/ml
Norfentanyl	4.090	315071	1394.83	36.8	862.88	1326468	9.4146 ng/ml
Norhydrocodone	3.082	112821	127.29	41.9	314.66	81379	92.6172 ng/ml
Noroxycodone	2.925	580504	7124.86	44.8	1399.88	193286	97.4070 ng/ml
O-desmethyl-tramadol	3.379	3249566	4785.32	6.3	1259.82	1673323	98.5875 ng/ml
Oxazepam	5.750	787721	∞	73.3	1790.43	424799	103.5354 ng/ml
Oxycodone	2.843	1273194	754.27	29.6	1424.10	497838	105.3414 ng/ml
Oxymorphone	1.418	682774	674.49	44.8	∞	223008	105.5044 ng/ml
Phentermine	3.787	689515	372.80	7.2	2414.04	800795	100.6912 ng/ml
Promethazine	5.552	3006756	2068.99	29.9	1105.37	1229750	99.0039 ng/ml
Pseudoephedrine	2.597	2759363	21520.82	19.6	25258.28	1343846	97.4778 ng/ml
Quetiapine	5.562	1634653	50730.42	61.9	1049081.77	254268	104.8290 ng/ml
Sertraline	5.783	449709	613.83	94.4	1276.14	193003	96.7796 ng/ml
Temazepam	5.817	1622585	34578.95	25.3	282.21	721489	97.2491 ng/ml
Tramadol	4.251	3382585	5105.12	3.5	1352.27	1691566	102.4996 ng/ml
Trazodone	5.155	1904612	643.91	84.6	56876.75	826010	103.7048 ng/ml
Venlafaxine	5.050	2946810	66275.29	30.8	2183.13	1522494	96.9131 ng/ml
Zolpidem	4.920	2936732	1649.02	28.9	2677.44	1379340	107.1489 ng/ml

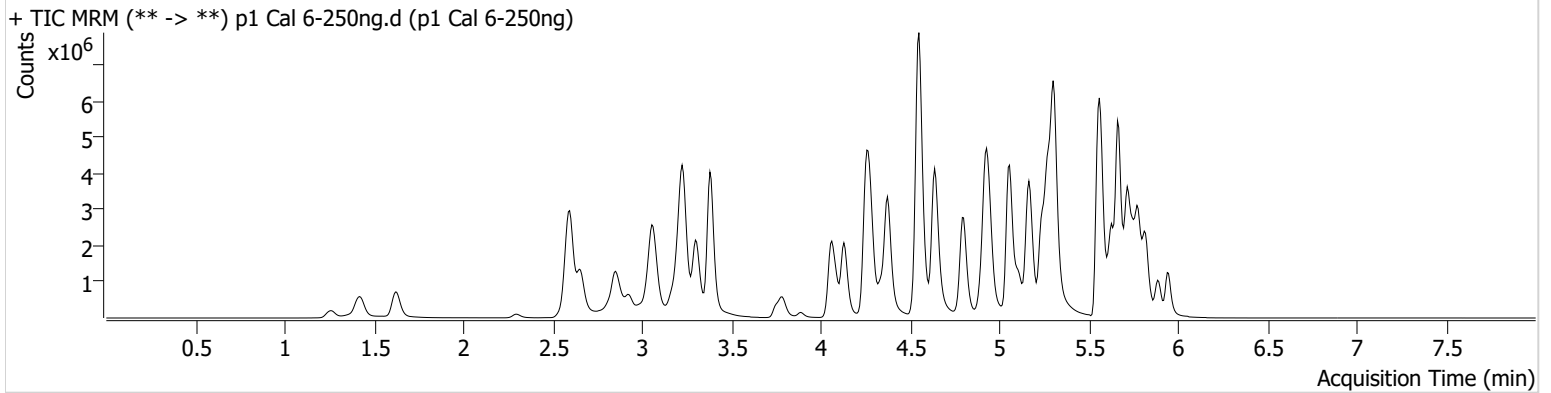
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 10:15:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	89756	206450.15	69.7	313292.50	103268	25.4672 ng/ml
7-aminoclonazepam	4.270	318122	1575.56	71.7	131.82	52017	268.0517 ng/ml
a-hydroxyalprazolam	5.692	298704	275.64	67.6	715.34	438963	245.6397 ng/ml
alpha-PHP	4.943	1298399	19180.44	260.0	13665.97	782575	252.3185 ng/ml
alpha-PVP	4.375	5276577	56472.92	52.3	42602.07	782575	253.7185 ng/ml
Alprazolam	5.769	1875177	∞	108.9	1332.94	293289	253.1947 ng/ml
Amphetamine	3.065	5159002	56432.27	48.1	302.96	516984	182.4619 ng/ml
Benzoylecgonine	3.884	137476	410.46	8.1	190.54	17617	259.6263 ng/ml
Buprenorphine	5.819	109413	520.02	14.9	27752.40	149428	25.6068 ng/ml
Bupropion	4.800	4380737	263721.27	68.2	55547.32	692332	252.4917 ng/ml
Carisoprodol	5.724	1334103	40063.93	64.3	982.52	218339	252.8591 ng/ml
Citalopram	5.239	3716723	40770.50	35.3	41030.97	638870	248.3192 ng/ml
Clonazepam	5.612	1451340	21205.94	36.1	112810.44	100612	243.7397 ng/ml
Clonazepam	5.556	915560	10680.68	39.8	15203.39	100612	204.5648 ng/ml
Cocaine	4.276	2868420	117915.36	59.7	382.21	1025450	248.7895 ng/ml
Codeine	2.594	306680	14651.47	96.4	3702.42	73720	236.0878 ng/ml
Cyclobenzaprine	5.635	3436530	231323.98	7.5	4651.25	498780	252.6823 ng/ml
Dextromethorphan	5.281	1965992	73618.77	81.1	748646.07	328792	250.6957 ng/ml
Dextrophan	4.130	1532228	251807.20	203.4	109046.40	587242	248.8563 ng/ml
Diazepam	5.947	1292500	3575.27	88.6	512.60	247797	252.0582 ng/ml
Dihydrocodeine	2.566	993527	21077.85	68.2	7032.08	287023	233.9624 ng/ml
Diphenhydramine	5.309	9123118	272245.08	32.4	105016.44	1730382	256.0945 ng/ml
Doxylamine	4.548	11044076	549841.28	96.1	365588.32	1877111	268.3955 ng/ml
EDDP	5.274	4056085	148227.94	40.3	477.46	825936	245.7420 ng/ml
Etizolam	5.807	892981	32543.92	25.9	8258.23	100612	250.7380 ng/ml
Fentanyl	5.116	498540	2100.15	65.4	15326.69	960945	24.6909 ng/ml
Flualprazolam	5.706	855572	38160.18	106.4	34005.73	293289	251.8885 ng/ml
Fluoxetine	5.714	2940765	161250.64	7.7	153411.98	415691	246.7193 ng/ml
Hydrocodone	3.027	1600335	176.23	39.1	199.73	396292	242.7314 ng/ml
Hydromorphone	1.628	1424539	1899763.46	75.9	2741946.47	172433	252.4461 ng/ml
Ketamine	4.056	3324082	273415.04	33.3	2606.80	646438	256.6176 ng/ml
Lamotrigine	4.292	253802	2065.77	93.8	1821.53	1220820	254.1821 ng/ml
Levetiracetam	2.658	1262520	8945.65	161.1	14489.80	1220820	247.4625 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	637846	29572.01	50.4	1738.90	245214	231.8278 ng/ml
MDA	3.205	2843445	1057.98	36.6	353.97	520558	218.1057 ng/ml
MDMA	3.299	2463210	154204.62	130.2	10267.67	131439	253.4561 ng/ml
Meprobamate	4.910	1106411	42395.72	28.1	8003.13	304385	183.4782 ng/ml
Methadone	5.666	6819269	3946.01	52.5	5713.59	1030605	261.1372 ng/ml
Methamphetamine	3.233	7838087	4022.20	36.5	5272.45	1277884	239.2676 ng/ml
Metoprolol	4.338	891181	153991.15	100.7	12717.79	1220820	252.9555 ng/ml
Mirtazapine	4.636	7500749	265387.99	49.9	46554.66	782575	258.3605 ng/ml
Mitragynine	5.243	1207313	51528.00	36.8	3795.17	1030605	251.3453 ng/ml
Morphine	1.261	226404	13683.79	26.1	3896.39	17545	236.5741 ng/ml
Norbuprenorphine	5.012	17402	31191.69	98.5	1668.57	30026	25.3867 ng/ml
Nordiazepam	5.886	1280387	1184.23	56.3	13788.22	176673	254.9076 ng/ml
Norfentanyl	4.090	810897	1613.53	37.4	1545.14	1215345	26.3219 ng/ml
Norhydrocodone	3.082	267571	224.81	41.3	158.32	70078	253.2979 ng/ml
Noroxycodone	2.925	1171610	1828.41	48.2	888.30	153869	247.0275 ng/ml
O-desmethyl-tramadol	3.379	8527524	∞	6.1	767.88	1682407	256.8279 ng/ml
Oxazepam	5.750	1100143	27838.01	70.2	2110.34	245214	250.9663 ng/ml
Oxycodone	2.843	2967852	2398.17	29.9	774.22	514883	238.4476 ng/ml
Oxymorphone	1.418	1553670	1394.31	48.5	∞	221754	241.5117 ng/ml
Phentermine	3.787	1529728	925.47	6.9	462.25	837297	214.4853 ng/ml
Promethazine	5.552	7297599	2326.96	28.4	1896.35	1136656	259.3948 ng/ml
Pseudoephedrine	2.597	6410657	8104.94	19.3	69008.72	1220820	248.6129 ng/ml
Quetiapine	5.562	3622042	121444.62	62.2	63866.32	245984	241.0633 ng/ml
Sertraline	5.783	909853	18535.96	93.9	596.29	151622	248.6523 ng/ml
Temazepam	5.817	2664163	710.49	24.9	300.39	438963	262.4567 ng/ml
Tramadol	4.251	8422785	919665.20	3.4	656.17	1626604	266.2655 ng/ml
Trazodone	5.162	5024365	162648.75	82.2	127524.66	873321	259.4288 ng/ml
Venlafaxine	5.056	7721133	474889.31	29.4	98920.58	1516190	254.4963 ng/ml
Zolpidem	4.920	7395481	2156.65	28.1	64775.57	1457920	256.3078 ng/ml

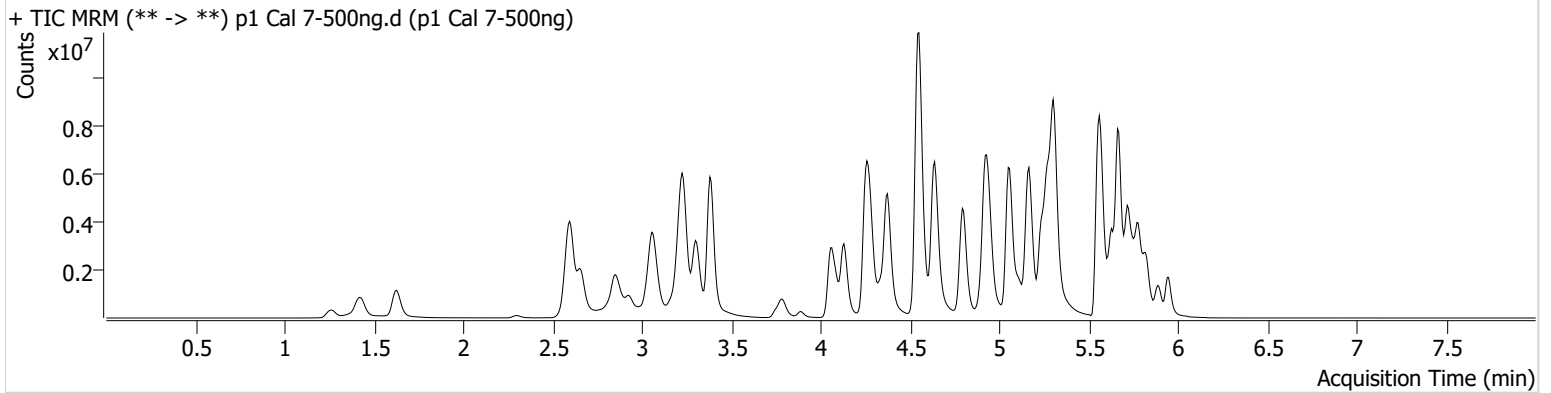
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 10:26:13 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	155880	4800.69	69.4	115031.25	88416	51.7255 ng/ml
7-aminoclonazepam	4.270	431610	1099.13	77.5	1059.38	40820	465.1673 ng/ml
a-hydroxyalprazolam	5.692	350391	1171.63	68.4	1326.92	276427	457.7489 ng/ml
alpha-PHP	4.943	2017489	133786.93	261.5	69970.20	633657	484.6608 ng/ml
alpha-PVP	4.375	8751555	2201.48	52.3	4473.32	633657	519.4100 ng/ml
Alprazolam	5.769	2674200	1080.62	108.6	5144.00	210707	502.7034 ng/ml
Amphetamine	3.065	7260927	38510.59	47.7	52855.29	440570	301.9151 ng/ml
Benzoylecgonine	3.884	253175	389.47	8.6	2352.72	16590	508.3500 ng/ml
Buprenorphine	5.820	176518	15953.86	15.1	12965.31	123581	49.9616 ng/ml
Bupropion	4.794	7520887	511397.24	68.3	32313.86	594315	505.1672 ng/ml
Carisoprodol	5.724	1636864	14894.04	65.3	2505.51	134901	501.6393 ng/ml
Citalopram	5.232	5664291	34489.99	33.2	39971.92	462267	522.7223 ng/ml
Clonazepam	5.612	1837295	∞	35.0	55782.49	68895	451.6328 ng/ml
Clonazepam	5.563	1006449	33783.17	40.7	29305.39	68895	329.0678 ng/ml
Cocaine	4.276	4464256	193046.81	59.5	177869.37	783544	506.7866 ng/ml
Codeine	2.600	430493	2726.47	96.4	16679.45	57391	426.3496 ng/ml
Cyclobenzaprine	5.635	5359045	1844.72	7.3	11099.20	379157	517.8319 ng/ml
Dextromethorphan	5.281	2782127	44493.89	80.9	17707.01	230620	505.6907 ng/ml
Dextrophan	4.130	2492429	21968.90	203.1	1637.96	462962	513.3267 ng/ml
Diazepam	5.947	1870663	∞	89.4	43231.80	181585	498.0380 ng/ml
Dihydrocodeine	2.566	1558743	51946.77	68.3	∞	261408	403.7776 ng/ml
Diphenhydramine	5.309	13974285	150749.68	32.6	56192.31	1290389	526.4848 ng/ml
Doxylamine	4.548	18086089	477039.66	96.6	464314.31	1628240	506.8444 ng/ml
EDDP	5.267	6682980	504.46	39.3	93696.99	642300	520.4611 ng/ml
Etizolam	5.814	1281827	30358.99	26.7	50520.45	68895	524.9605 ng/ml
Fentanyl	5.109	881796	53956.85	65.1	3234.87	820310	51.0947 ng/ml
Flualprazolam	5.706	1135573	19356.54	108.3	2970.95	210707	466.1012 ng/ml
Fluoxetine	5.714	4215849	90828.57	7.3	17568.88	281120	522.5658 ng/ml
Hydrocodone	3.027	2564292	294.40	39.5	245.43	335623	460.1303 ng/ml
Hydromorphone	1.628	2390063	1038712.53	76.2	3764010.51	146314	499.1533 ng/ml
Ketamine	4.056	5441836	746707.61	33.1	13958.61	550210	494.1488 ng/ml
Lamotrigine	4.292	354121	1818.69	90.3	5855.25	893927	485.2507 ng/ml
Levetiracetam	2.658	1914840	9180.91	164.7	15538.70	893927	512.0297 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	693801	26382.01	50.6	2933.53	134636	460.4091 ng/ml
MDA	3.199	3701232	13223.39	35.5	476.12	406372	364.3696 ng/ml
MDMA	3.299	3730496	150768.42	130.5	14615.98	102335	493.2176 ng/ml
Meprobamate	4.903	1383664	121220.72	27.7	13929.50	242457	288.6033 ng/ml
Methadone	5.666	10680087	307141.09	53.7	39210.25	795294	529.4896 ng/ml
Methamphetamine	3.233	12233430	3221.44	36.1	148872.51	1156706	413.9350 ng/ml
Metoprolol	4.338	1317355	101613.13	101.6	2687.58	893927	510.5137 ng/ml
Mirtazapine	4.636	12252087	5223.63	49.9	142820.82	633657	520.8128 ng/ml
Mitragynine	5.243	1832967	62834.02	36.7	61381.90	795294	494.8105 ng/ml
Morphine	1.261	390115	13526.23	26.2	4679.58	14505	493.1992 ng/ml
Norbuprenorphine	5.005	29977	99980.87	99.7	6348.85	26615	49.6561 ng/ml
Nordiazepam	5.893	1739367	436.99	56.1	677.91	123967	493.8721 ng/ml
Norfentanyl	4.090	1360997	35252.20	37.1	∞	918976	58.3422 ng/ml
Norhydrocodone	3.082	454846	∞	40.8	497.83	54892	548.5188 ng/ml
Noroxycodone	2.925	1691808	9930.99	48.1	4354.65	107987	508.3156 ng/ml
O-desmethyl-tramadol	3.379	14052850	271264.08	6.1	15662.04	1350559	526.9116 ng/ml
Oxazepam	5.750	1129148	7652.46	70.7	2728.03	134636	469.4239 ng/ml
Oxycodone	2.843	4512792	3475.80	29.9	1035.83	440289	424.6360 ng/ml
Oxymorphone	1.418	2584838	∞	44.8	716.68	179156	497.4026 ng/ml
Phentermine	3.787	2232662	∞	7.0	2620.10	745407	352.1108 ng/ml
Promethazine	5.552	11495135	106229.82	28.3	4270.82	890434	521.2248 ng/ml
Pseudoephedrine	2.597	9828097	111180.84	19.1	166524.23	893927	520.0504 ng/ml
Quetiapine	5.569	5251967	380280.24	61.5	130855.41	195726	439.9089 ng/ml
Sertraline	5.783	1243606	25154.89	94.7	91022.35	104100	494.6384 ng/ml
Temazepam	5.817	3056439	30547.15	25.0	2332.43	276427	478.1507 ng/ml
Tramadol	4.251	13101963	132054.48	3.3	880.05	1357258	496.8399 ng/ml
Trazodone	5.162	8438799	1251.74	82.4	704.36	778029	489.4980 ng/ml
Venlafaxine	5.050	12840181	2105.76	28.9	5423.34	1210568	529.7493 ng/ml
Zolpidem	4.920	11735896	20020.71	27.3	86492.69	1237348	479.8834 ng/ml

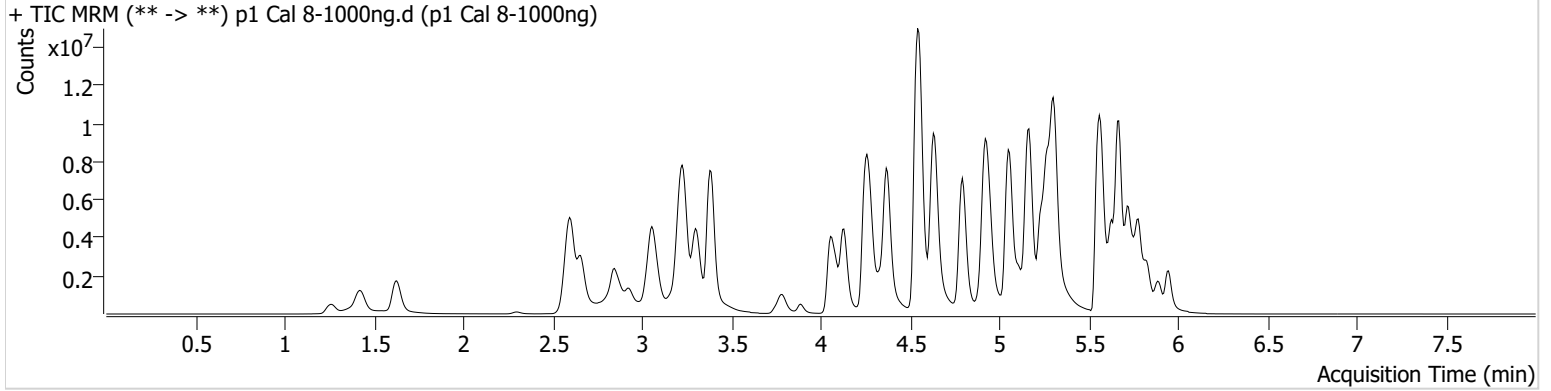
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\101822 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 10/19/2022 1:30:49 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	10/18/2022 10:36:49 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	276474	149578.77	69.8	1585.75	80152	101.2623 ng/ml
7-aminoclonazepam	4.270	585090	1436.09	63.8	2370.99	34809	740.8637 ng/ml
a-hydroxyalprazolam	5.685	390750	1262.22	66.4	390.39	131289	1075.0762 ng/ml
alpha-PHP	4.943	2954850	47219.47	266.7	185221.70	501061	898.1174 ng/ml
alpha-PVP	4.368	14231171	23547.97	52.3	124519.93	501061	1067.8463 ng/ml
Alprazolam	5.769	3710537	355.34	109.2	701.41	148351	990.7983 ng/ml
Amphetamine	3.058	9495058	88788.71	48.0	105622.38	384776	452.4987 ng/ml
Benzoylecgonine	3.884	509571	1596.99	8.4	3107.42	16302	1041.9080 ng/ml
Buprenorphine	5.826	269645	32169.43	14.9	48787.58	90396	104.3487 ng/ml
Bupropion	4.794	12667369	536268.73	68.2	51745.74	528922	956.2162 ng/ml
Carisoprodol	5.731	1827959	279129.48	64.3	3739.31	66678	1132.7609 ng/ml
Citalopram	5.232	7550203	316467.35	33.5	145823.86	304904	1056.0958 ng/ml
Clonazepam	5.605	2140575	77366.21	35.3	21296.74	44417	817.1393 ng/ml
Clonazepam	5.569	1020318	2515.73	40.8	115949.81	44417	518.0864 ng/ml
Cocaine	4.269	6678707	2067.96	56.2	615164.85	574478	1034.1318 ng/ml
Codeine	2.594	606670	4631.67	94.3	16928.42	47108	732.5757 ng/ml
Cyclobenzaprine	5.635	7610476	118102.08	7.1	612.87	254703	1094.1494 ng/ml
Dextromethorphan	5.281	3614096	90495.60	81.3	52121.59	147859	1024.5111 ng/ml
Dextrophan	4.130	3925110	5719.74	208.4	3733.63	358758	1043.0538 ng/ml
Diazepam	5.947	2761603	302.89	89.6	1393.08	144233	925.8226 ng/ml
Dihydrocodeine	2.566	2374389	∞	69.4	12611.15	243639	660.5736 ng/ml
Diphenhydramine	5.309	19722807	∞	34.2	98641.99	926761	1035.0325 ng/ml
Doxylamine	4.548	26572019	327369.39	97.1	275781.52	1430599	847.6293 ng/ml
EDDP	5.267	10963323	∞	38.7	103304.49	511915	1071.0892 ng/ml
Etizolam	5.814	1883418	2044.26	25.7	5339.72	44417	1195.6559 ng/ml
Fentanyl	5.109	1679197	4382.40	64.5	5805.17	757418	105.3146 ng/ml
Flualprazolam	5.706	1447317	29131.80	108.4	24219.51	148351	844.4669 ng/ml
Fluoxetine	5.721	5515064	119518.94	7.4	2175.40	173216	1109.0199 ng/ml
Hydrocodone	3.027	4217340	159.41	40.6	197.73	287333	884.8394 ng/ml
Hydromorphone	1.628	3987749	2376231.01	76.5	2805329.15	122773	992.5042 ng/ml
Ketamine	4.056	8359670	470281.33	33.6	17205.16	467292	894.2992 ng/ml
Lamotrigine	4.292	419746	27115.98	92.7	1257.65	618064	832.6160 ng/ml
Levetiracetam	2.658	2853613	8931.72	168.1	144165.44	618064	1103.0553 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.740	728348	8284.15	52.1	2052.60	65086	1001.1861 ng/ml
MDA	3.199	4657225	42812.14	35.6	432.67	291206	640.5905 ng/ml
MDMA	3.299	5599326	139229.34	131.6	67880.73	79596	951.9851 ng/ml
Meprobamate	4.896	1635259	19071.81	28.4	6432.62	189115	437.7751 ng/ml
Methadone	5.666	15226518	197387.89	56.5	2129.96	592136	1013.4394 ng/ml
Methamphetamine	3.227	18314665	307131.85	35.5	188319.81	1099706	652.9108 ng/ml
Metoprolol	4.331	1814474	64564.70	103.4	147407.47	618064	1016.8663 ng/ml
Mirtazapine	4.630	19151308	593629.88	51.2	1672.63	501061	1029.1476 ng/ml
Mitragynine	5.243	2403952	58272.04	37.8	66274.30	592136	871.8390 ng/ml
Morphine	1.261	633930	24461.67	25.6	∞	12231	950.5555 ng/ml
Norbuprenorphine	5.005	54483	342099.46	97.6	533.96	22826	105.6075 ng/ml
Nordiazepam	5.893	2211392	∞	56.4	9380.31	84411	922.4745 ng/ml
Norfentanyl	4.090	2266828	31087.58	36.5	14471.59	608908	146.5513 ng/ml
Norhydrocodone	3.082	766492	124.13	41.1	103.22	44547	1137.9173 ng/ml
Noroxycodone	2.925	2350864	∞	46.5	1643.63	73929	1031.7783 ng/ml
O-desmethyl-tramadol	3.384	21288838	77612.88	6.3	95036.94	1076878	1000.8148 ng/ml
Oxazepam	5.750	1114023	5360.46	69.1	5397.71	65086	958.3850 ng/ml
Oxycodone	2.836	6621980	1233.83	30.1	636.59	371685	738.7134 ng/ml
Oxymorphone	1.418	4135867	298.79	46.4	253.80	146269	974.8645 ng/ml
Phentermine	3.787	3300733	∞	7.1	2536.17	675047	575.2833 ng/ml
Promethazine	5.552	16548869	85472.31	29.8	138384.95	660153	1011.7985 ng/ml
Pseudoephedrine	2.604	14003081	281553.21	19.0	38859.70	618064	1071.2299 ng/ml
Quetiapine	5.569	7179322	85511.12	61.6	202797.98	149562	787.5447 ng/ml
Sertraline	5.783	1573233	28339.71	92.8	158864.00	61400	1060.4887 ng/ml
Temazepam	5.824	3154424	18221.75	25.4	8968.59	131289	1039.0215 ng/ml
Tramadol	4.251	18688269	79841.50	3.4	1795.00	1111659	865.6407 ng/ml
Trazodone	5.155	13939349	753.77	83.6	592.13	730129	861.9504 ng/ml
Venlafaxine	5.050	19929824	6978.70	29.7	3324.08	952709	1044.5054 ng/ml
Zolpidem	4.914	17433565	320868.13	27.6	186473.94	1087264	811.7750 ng/ml