






















REVIEWED

By Tamara Salazar at 8:19 am, Mar 17, 2022

3/16/2022

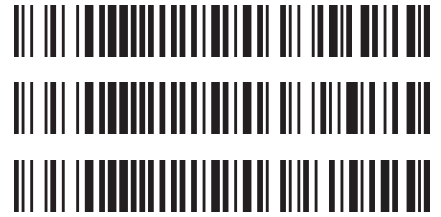
CS

Worklist: 5681

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-0731	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0792	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0851	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0875	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0889	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0904	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0960	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0962	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0976	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0567	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0568	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0596	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0616	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0617	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0618	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0619	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0620	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0624	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0627	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0655	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0656	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5681

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-0665	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0666	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0667	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 03/11/2022

Analyst: Celena Shrum

Plate lot#: 211018

Plate Retest Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

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

LCMS-QQQ ID: 069901

Pre-Analytic:

- 1. Check levels of mobile phases and needle wash refill as needed. Ensure waste is not full.
- 2. Ensure correct column is installed and begin mobile phase flow allow to equilibrate ~ 30 minutes.
- 3. Create worklist

Analytic:

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

Post-Analytic

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

Curve limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-100, Amphetamine 5-250, Buprenorphine 5-500, Clonazolam 5-250, Codeine 5-500, Dihydrocodeine 5-500, Doxylamine 5-500, Etizolam 5-500, Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Meprobamate 5-100, Methamphetamine 5-500, Metoprolol 5-500, Norfentanyl 0.5-50, Norhydrocodone 5-500, Phentermine 5-500, Zolpidem 5-500.

The instrument ran out of solvent during the run and stopped, so new solvent was made and the run was restarted from the beginning on 3/14/2022. There were no further issues.

**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



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-0851-1	P2022-0568-1	P2022-0627-1		P2022-0627-1*					
B	IS + Cal. 2	IS + QC_2	M2022-0875-2	P2022-0596-1	P2022-0655-1		P2022-0655-1*					
C	IS + Cal. 3	IS + QC_3	M2022-0889-2	P2022-0616-1	P2022-0656-1		P2022-0656-1*					
D	IS + Cal. 4	IS + QC_4	M2022-0904-2	P2022-0617-1	P2022-0665-1		P2022-0665-1*					
E	IS + Cal. 5	IS + QC_2	M2022-0960-3	P2022-0618-1	P2022-0666-1		P2022-0666-1*					
F	IS + Cal. 6	Blood NEG	M2022-0962-2	P2022-0619-1	P2022-0667-1		P2022-0667-1*					
G	IS + Cal. 7	M2022-0731-1	M2022-0976-2	P2022-0620-1								
H	IS + Cal. 8	M2022-0792-2	P2022-0567-1	P2022-0624-1								

*Moved during SLE portion of the extraction to maximize SLE space

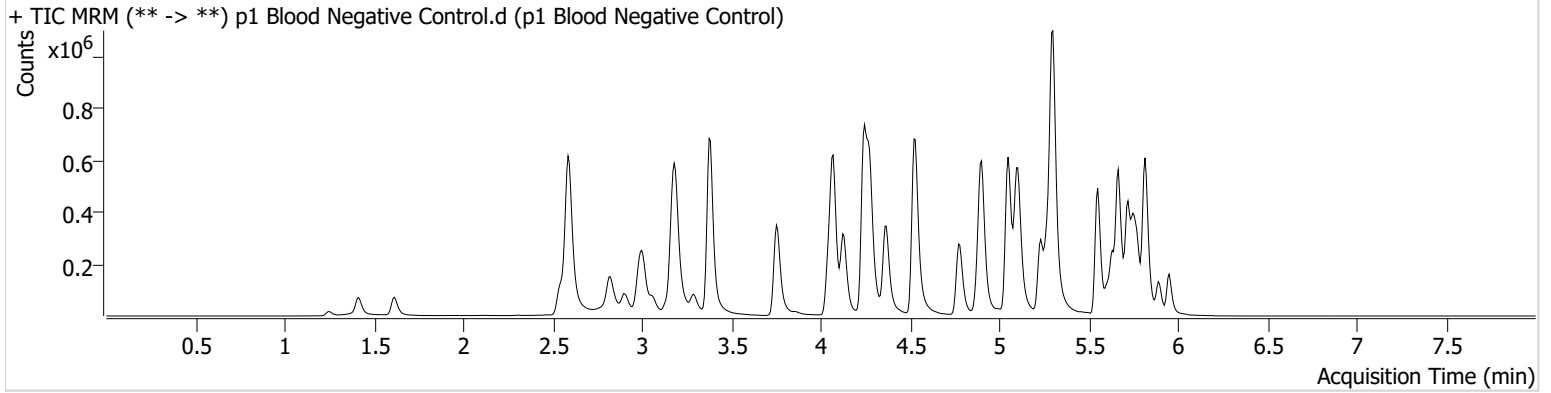
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

Instrument	Falco (069901)	Data File	p1 Blood Negative Control.d
Type	Sample	Sample	p1 Blood Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 1:09:55 PM		
Sample Info.			

Sample Chromatogram



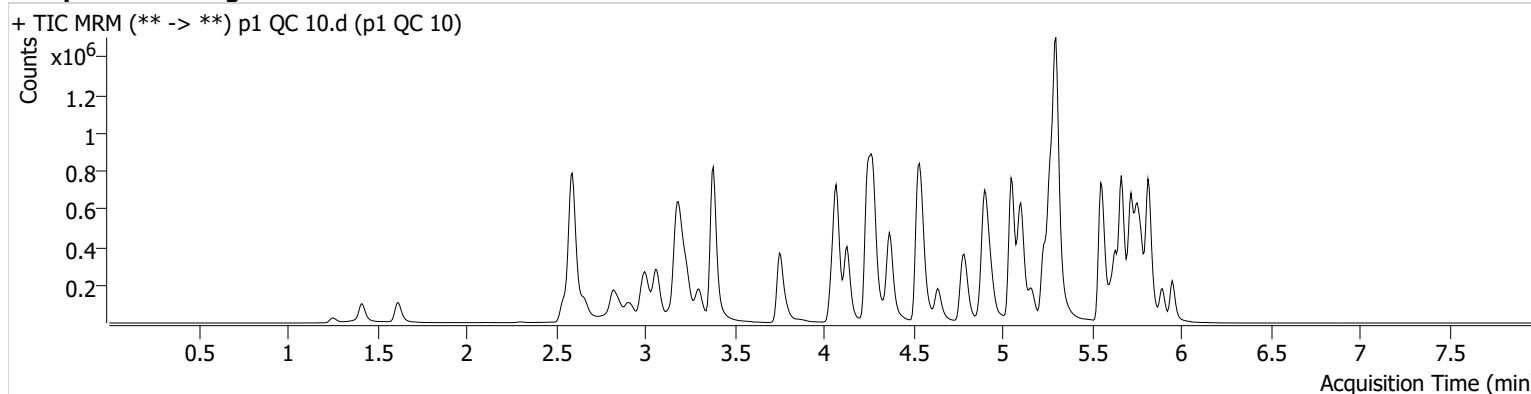
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 11:55:28 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	3329	5474.72	64.2	2898.73	93253	0.9952 ng/ml
7-aminoclonazepam	4.271	36280	171.42	80.4	579.37	136950	10.3720 ng/ml
a-hydroxyalprazolam	5.699	34045	435.59	64.0	656.43	397005	10.3922 ng/ml
alpha-PHP	4.944	56851	4040.13	262.0	1776.03	905104	10.5810 ng/ml
alpha-PVP	4.376	204826	4429.49	51.3	651.91	905104	9.9008 ng/ml
Alprazolam	5.782	102153	2281.68	110.4	2073.68	397005	9.6380 ng/ml
Amphetamine	3.069	391683	579.76	51.0	269.47	555106	10.0669 ng/ml
Benzoylecgonine	3.892	5078	46.23	7.8	47.05	16157	10.4901 ng/ml
Buprenorphine	5.853	4884	151.84	15.8	1395.05	174371	0.9582 ng/ml
Bupropion	4.801	216333	401.55	64.4	250.92	780202	9.9884 ng/ml
Carisoprodol	5.730	123968	10339.25	55.5	784.77	554062	10.5325 ng/ml
Citalopram	5.232	158524	620.20	38.5	345.09	712918	10.0372 ng/ml
Clonazepam	5.612	114632	435.89	35.4	31689.19	150710	10.4220 ng/ml
Clonazepam	5.555	75884	57277.52	37.4	6207.04	150710	10.1031 ng/ml
Cocaine	4.277	136720	824.15	53.9	623.84	1209544	9.8906 ng/ml
Codeine	2.600	18635	140.07	104.3	149.18	95116	10.3958 ng/ml
Cyclobenzaprine	5.635	129518	205.23	7.3	827.06	520702	10.1744 ng/ml
Dextromethorphan	5.282	100333	3283.72	79.8	4427.09	483332	10.1366 ng/ml
Dextrophan	4.132	60385	516.37	214.1	282.81	689613	10.0606 ng/ml
Diazepam	5.960	65687	279.47	89.9	418.80	316905	10.2505 ng/ml
Dihydrocodeine	2.579	45842	284.73	60.7	∞	287758	10.3317 ng/ml
Diphenhydramine	5.303	463155	2884.14	31.9	133.58	2567734	10.0644 ng/ml
Doxylamine	4.549	429055	2235.16	100.7	2749.61	1934104	9.7497 ng/ml
EDDP	5.268	193841	24847.33	42.5	2891.22	1077040	10.5419 ng/ml
Etizolam	5.820	40515	104588.81	25.3	21590.07	150710	10.1895 ng/ml
Fentanyl	5.109	13448	317.65	73.7	308.21	767991	1.0372 ng/ml
Flualprazolam	5.712	48035	2034.35	96.2	2045.21	397005	10.2645 ng/ml
Fluoxetine	5.721	105038	4227.29	8.7	3804.66	393360	10.1611 ng/ml
Hydrocodone	3.039	74714	224.44	33.5	131.05	404218	10.4270 ng/ml
Hydromorphone	1.628	65045	1999.38	75.1	2763.28	212577	10.2130 ng/ml
Ketamine	4.065	137158	∞	38.4	134.59	627343	10.1393 ng/ml
Lamotrigine	4.294	12606	45.04	83.9	1114.86	627343	10.6081 ng/ml
Levetiracetam	2.663	79046	1985.60	141.0	1483.36	1886586	10.4385 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	111744	3901.39	48.9	335.77	150710	11.0773 ng/ml
MDA	3.209	254259	677.97	30.1	181.65	840896	10.1121 ng/ml
MDMA	3.303	137810	1435.88	92.8	907.12	167238	9.8821 ng/ml
Meprobamate	4.911	80148	183.70	26.3	367.19	411482	10.2229 ng/ml
Methadone	5.666	261627	1773.38	50.3	427.38	1146418	10.1639 ng/ml
Methamphetamine	3.238	312382	695.55	39.2	272.24	1216321	10.3682 ng/ml
Metoprolol	4.340	38531	1834.86	94.0	2940.85	1698916	10.3207 ng/ml
Mirtazapine	4.637	290912	1498.31	46.6	1767.69	905104	10.0345 ng/ml
Mitragynine	5.243	56676	943.18	35.7	14545.41	1146418	11.6126 ng/ml
Morphine	1.261	10444	1518.35	21.3	483.13	19004	10.3155 ng/ml
Norbuprenorphine	5.006	695	58.32	86.5	140.97	27540	0.7553 ng/ml
Nordiazepam	5.900	65787	856.88	61.0	418.95	225647	9.9746 ng/ml
Norfentanyl	4.093	31675	20403.48	36.1	223.40	1458557	0.9425 ng/ml
Norhydrocodone	3.080	13066	104.32	38.5	189.23	116114	9.5246 ng/ml
Noroxycodone	2.930	76865	344.28	47.4	1321.24	254622	10.1924 ng/ml
O-desmethyl-tramadol	3.389	296998	5504.86	5.6	1337.09	1800658	9.6888 ng/ml
Oxazepam	5.756	142059	603.37	73.0	305.63	547222	10.2495 ng/ml
Oxycodone	2.854	131617	994.41	29.2	458.37	532381	10.2873 ng/ml
Oxymorphone	1.418	66439	1805.80	44.6	146.22	221634	9.7425 ng/ml
Phentermine	3.790	89597	1337.59	5.9	39.29	1020148	10.4461 ng/ml
Promethazine	5.552	231911	389.94	30.9	449.57	1002855	10.2553 ng/ml
Pseudoephedrine	2.603	380804	4182.12	17.1	1013.26	1886586	9.9284 ng/ml
Quetiapine	5.569	190675	3226.91	60.1	3921.54	287337	10.3006 ng/ml
Sertraline	5.796	22478	377.62	92.5	200.55	103878	9.9318 ng/ml
Temazepam	5.823	222105	777.51	27.1	546.74	1092808	10.0199 ng/ml
Tramadol	4.259	339579	836.35	3.2	43.05	1698916	10.3228 ng/ml
Trazodone	5.163	199216	3916.87	76.7	4855.65	800037	10.4029 ng/ml
Venlafaxine	5.050	277092	622.34	34.8	232.32	1592950	9.9189 ng/ml
Zolpidem	4.928	316190	1062.64	30.6	1446.05	1384154	10.0140 ng/ml

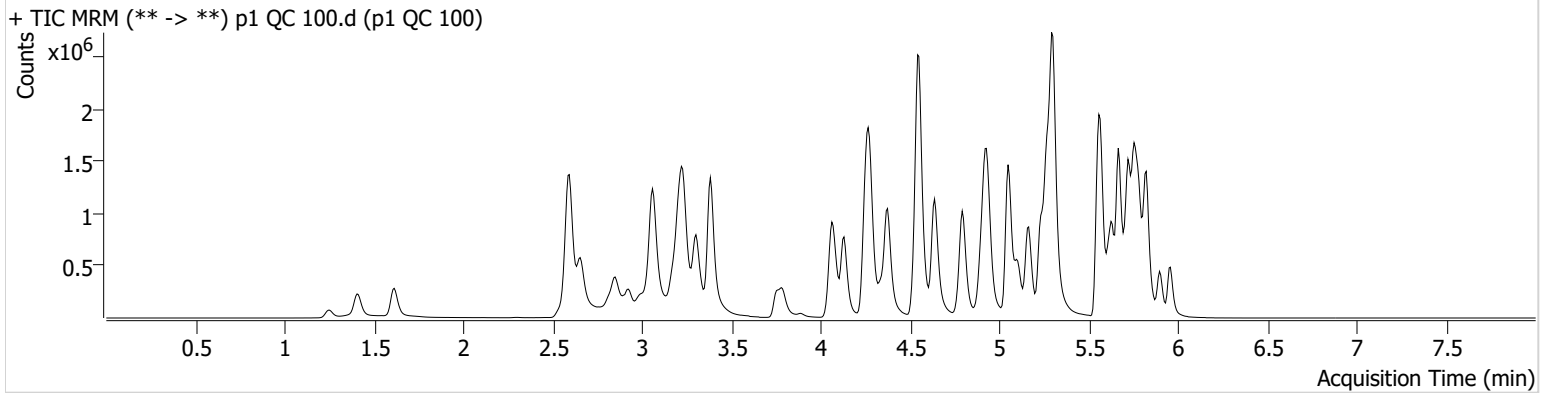
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 8:04:09 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	22694	315.77	74.1	851.36	66882	9.6687 ng/ml
7-aminoclonazepam	4.265	225353	572.17	80.2	2413.48	87637	108.5584 ng/ml
a-hydroxyalprazolam	5.699	203960	30979.45	66.5	1768.99	246928	102.7723 ng/ml
alpha-PHP	4.944	375158	4386.75	254.7	90375.98	622983	105.6041 ng/ml
alpha-PVP	4.376	1385380	34769.73	52.3	23769.64	622983	95.1175 ng/ml
Alprazolam	5.782	658618	635.50	110.7	3489.45	246928	97.2584 ng/ml
Amphetamine	3.063	2516174	1810.94	48.8	1053.63	388806	101.3852 ng/ml
Benzoylcegonine	3.886	32704	2737.98	8.1	167.37	11800	95.1768 ng/ml
Buprenorphine	5.853	31599	18813.56	16.2	11728.50	116017	9.4363 ng/ml
Bupropion	4.795	1480067	90819.64	64.1	37395.65	540643	101.1560 ng/ml
Carisoprodol	5.730	737668	234197.06	55.4	1827.36	333382	92.9767 ng/ml
Citalopram	5.232	1062063	19272.24	38.2	15192.13	474583	98.0325 ng/ml
Clonazepam	5.612	731513	1274.31	35.5	1138.39	99946	108.6321 ng/ml
Clonazepam	5.555	469506	18916.26	37.8	349473.62	99946	103.2021 ng/ml
Cocaine	4.277	936656	1741.37	55.0	717524.25	845668	97.4460 ng/ml
Codeine	2.593	123921	1169.98	105.0	5776.45	65405	107.5856 ng/ml
Cyclobenzaprine	5.635	881827	17486.17	7.3	∞	360247	97.0626 ng/ml
Dextromethorphan	5.275	632460	110758.83	79.0	9098.83	312885	98.6437 ng/ml
Dextrophan	4.132	426086	1426.50	214.4	1352.20	487579	97.8118 ng/ml
Diazepam	5.960	421757	4325.53	90.4	445.48	204152	104.3312 ng/ml
Dihydrocodeine	2.572	322961	5089.59	60.1	93.56	203220	109.6596 ng/ml
Diphenhydramine	5.303	3092509	74384.44	31.1	51096.96	1670466	99.6339 ng/ml
Doxylamine	4.549	3122216	7840.72	99.4	166564.46	1378966	99.3096 ng/ml
EDDP	5.268	1263033	1654.32	41.8	10868.58	701224	105.9278 ng/ml
Etizolam	5.820	256728	14125.49	26.0	63762.03	99946	93.3170 ng/ml
Fentanyl	5.109	83192	∞	77.5	138453.33	493936	9.8281 ng/ml
Flualprazolam	5.712	292314	9553.43	100.4	7603.56	246928	106.3809 ng/ml
Fluoxetine	5.721	734682	105252.48	8.8	27408.01	273159	96.9719 ng/ml
Hydrocodone	3.032	509807	2109.27	33.7	∞	294334	104.0061 ng/ml
Hydromorphone	1.615	460771	1397395.71	74.9	895.85	155179	99.6540 ng/ml
Ketamine	4.065	950896	36378.47	39.1	7532.94	459822	102.1423 ng/ml
Lamotrigine	4.294	84987	576.36	83.8	26385.82	459822	105.7864 ng/ml
Levetiracetam	2.656	529785	3221.00	141.6	17764.27	1284797	98.7203 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	626688	20658.75	50.3	1721.81	99946	117.3388 ng/ml
MDA	3.209	1591322	1232.68	29.9	944.64	560161	105.3727 ng/ml
MDMA	3.303	952681	3972.60	93.4	5712.20	115327	99.9883 ng/ml
Meprobamate	4.911	501109	30210.83	25.1	∞	286510	97.4212 ng/ml
Methadone	5.666	1654683	45583.58	52.0	1221.74	733092	93.7962 ng/ml
Methamphetamine	3.238	2105177	17628.01	39.2	495.14	872998	104.3267 ng/ml
Metoprolol	4.340	262353	618828.78	95.5	883.90	1236035	103.0852 ng/ml
Mirtazapine	4.637	2007404	6903.11	45.9	3425.88	622983	96.5379 ng/ml
Mitragynine	5.243	370573	7415.48	34.9	3966.96	733092	119.6087 ng/ml
Morphine	1.253	71741	382.00	20.2	190.87	12918	107.1260 ng/ml
Norbuprenorphine	5.006	3827	5458.00	108.0	694.81	18363	9.2340 ng/ml
Nordiazepam	5.900	434724	45545.95	59.1	2614.39	150615	100.9164 ng/ml
Norfentanyl	4.093	218720	28431.50	36.6	400.67	1000159	8.9876 ng/ml
Norhydrocodone	3.080	80586	∞	39.7	104.91	68647	92.1647 ng/ml
Noroxycodone	2.923	496688	15925.32	47.8	3299.25	174908	100.5171 ng/ml
O-desmethyl-tramadol	3.383	2143290	170860.90	5.7	654.21	1291362	96.5809 ng/ml
Oxazepam	5.756	859345	18524.11	73.5	6163.73	329647	107.1215 ng/ml
Oxycodone	2.848	928104	2145.14	29.3	624.11	383378	104.1165 ng/ml
Oxymorphone	1.405	423829	∞	46.0	∞	153607	92.0481 ng/ml
Phentermine	3.790	589603	714.28	5.8	503.18	721390	107.5573 ng/ml
Promethazine	5.552	1586371	2643.66	30.5	1364.53	698935	97.5029 ng/ml
Pseudoephedrine	2.596	2513811	74005.85	17.1	46564.71	1284797	91.7378 ng/ml
Quetiapine	5.569	1280855	42751.44	60.1	86626.76	199375	104.3850 ng/ml
Sertraline	5.796	235648	1408.87	93.2	2977.82	106201	96.1564 ng/ml
Temazepam	5.823	1367177	1406.60	26.7	3158.09	691298	101.3399 ng/ml
Tramadol	4.259	2313725	∞	3.2	744.06	1236035	103.9827 ng/ml
Trazodone	5.163	1275328	191980.46	77.4	805.51	542093	102.7833 ng/ml
Venlafaxine	5.050	1979313	62742.44	34.1	1054.64	1110120	97.3245 ng/ml
Zolpidem	4.921	2190329	1571.15	29.7	439584.11	985428	101.8377 ng/ml

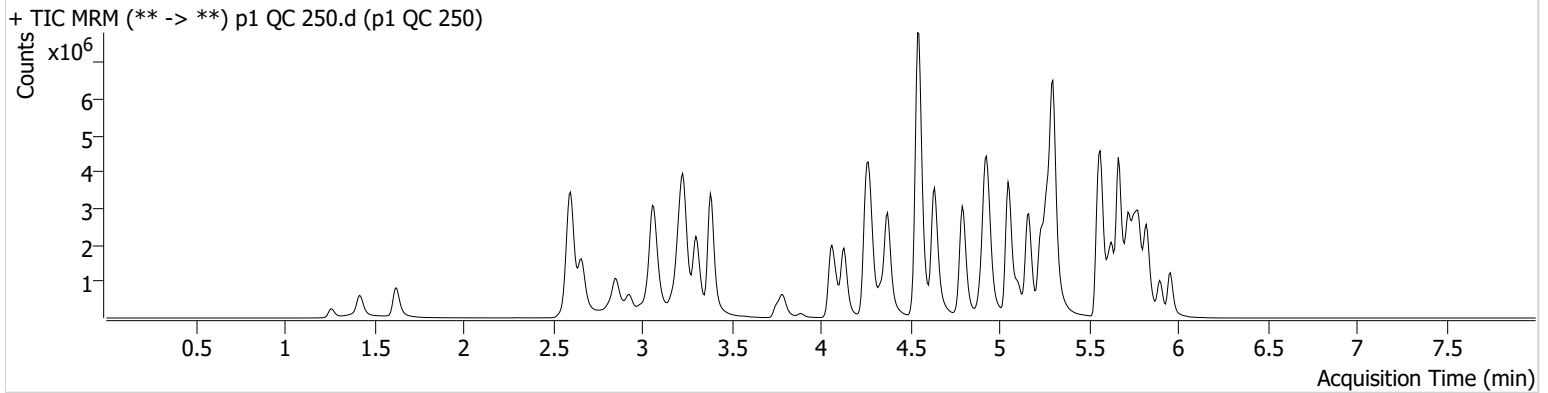
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 12:16:43 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	75448	8026.94	68.7	2111.60	86829	24.7976 ng/ml
7-aminoclonazepam	4.265	476695	2721.94	82.1	3410.29	85887	235.3629 ng/ml
a-hydroxyalprazolam	5.699	420544	478.69	67.3	1998.17	283150	185.0449 ng/ml *
alpha-PHP	4.944	1124691	66144.74	258.1	54220.16	763812	258.9203 ng/ml
alpha-PVP	4.376	4412857	128460.30	52.0	157545.45	763812	246.7225 ng/ml
Alprazolam	5.782	1930574	∞	108.7	1315.52	283150	248.1790 ng/ml
Amphetamine	3.069	6503000	1117.63	48.0	18067.47	481104	212.9649 ng/ml
Benzoylecgonine	3.886	113755	165.26	7.9	66992.19	15384	254.4962 ng/ml
Buprenorphine	5.853	104870	10081.52	14.7	32562.27	140067	25.9634 ng/ml
Bupropion	4.795	4879044	263988.49	63.0	119338.78	695738	259.5724 ng/ml
Carisoprodol	5.730	1758077	31342.61	54.0	5165.23	304115	240.8873 ng/ml
Citalopram	5.232	3102614	53692.45	38.3	84527.06	546385	248.2428 ng/ml
Clonazepam	5.612	1817672	90327.75	34.8	13702.56	103835	261.1681 ng/ml
Clonazepam	5.555	1068784	7419.69	37.6	10931.55	103835	227.4103 ng/ml
Cocaine	4.277	2675348	47504.95	54.7	81749.01	967653	243.3356 ng/ml
Codeine	2.600	318524	166.63	100.0	399.43	73922	245.7117 ng/ml
Cyclobenzaprine	5.635	2225579	168917.92	7.3	9774.11	352455	249.8373 ng/ml
Dextromethorphan	5.275	1855802	33924.29	78.2	28089.70	362800	249.6133 ng/ml
Dextrophan	4.132	1286675	2670.00	216.2	47273.37	577365	248.9879 ng/ml
Diazepam	5.960	1267048	1099.67	92.4	13902.81	254206	252.0589 ng/ml
Dihydrocodeine	2.572	924726	228.87	62.7	6457.86	269610	237.5193 ng/ml
Diphenhydramine	5.303	9614768	90513.59	30.9	12023.37	1952793	264.3257 ng/ml
Doxylamine	4.549	10513981	29856.74	97.3	283269.70	1763528	261.4614 ng/ml
EDDP	5.268	2655976	2030.00	41.3	52592.24	593492	263.2555 ng/ml
Etizolam	5.820	741702	11007.11	26.3	5914.52	103835	258.6598 ng/ml
Fentanyl	5.109	285893	8735.69	75.4	419.97	653736	25.4911 ng/ml
Flualprazolam	5.705	804760	23863.93	102.5	19318.77	283150	256.3566 ng/ml
Fluoxetine	5.727	1243980	62720.09	8.7	292293.21	180880	247.0394 ng/ml
Hydrocodone	3.032	1477981	1690.42	34.6	519.03	350779	254.0824 ng/ml
Hydromorphone	1.628	1351314	1453374.78	77.9	4331966.27	178555	254.0925 ng/ml
Ketamine	4.059	2980549	144192.65	38.1	816.34	562447	262.8964 ng/ml
Lamotrigine	4.294	224278	11746.22	85.1	10060.06	562447	229.3882 ng/ml
Levetiracetam	2.663	1563339	17002.20	144.7	1501.95	1442823	258.6690 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	929482	5114.91	50.3	600.43	103835	168.8720 ng/ml*
MDA	3.209	3714244	7877.01	28.9	3360.72	579283	239.3799 ng/ml
MDMA	3.303	2889234	3205.36	93.9	7103.43	138118	253.3570 ng/ml
Meprobamate	4.904	1135450	2124.72	24.8	5649.58	318935	199.0319 ng/ml*
Methadone	5.666	5514611	2261.48	50.4	35654.54	918291	248.2964 ng/ml
Methamphetamine	3.238	6596330	48547.01	37.5	5739.20	1153670	248.5067 ng/ml
Metoprolol	4.340	758401	208163.92	96.4	24260.63	1463807	252.7466 ng/ml
Mirtazapine	4.637	6495304	6369.37	44.6	84375.71	763812	254.0351 ng/ml
Mitragynine	5.243	1031687	48825.66	35.9	3356.12	918291	265.9520 ng/ml
Morphine	1.267	224047	11729.61	21.8	13530.47	17384	249.0294 ng/ml
Norbuprenorphine	5.006	13144	4131.00	96.6	546.98	24689	24.2267 ng/ml
Nordiazepam	5.900	1193044	21832.74	59.5	2473.16	163339	255.7511 ng/ml
Norfentanyl	4.093	687152	882.49	36.0	4034.01	1116960	25.1830 ng/ml
Norhydrocodone	3.080	228404	∞	39.8	445.90	66283	269.0613 ng/ml
Noroxycodone	2.930	1280651	12190.31	48.5	1694.20	179780	252.9799 ng/ml
O-desmethyl-tramadol	3.383	6866923	3404.52	5.6	6521.27	1589769	251.1926 ng/ml
Oxazepam	5.756	1588321	∞	72.8	5654.89	241416	271.0601 ng/ml
Oxycodone	2.848	2900744	85581.31	29.6	10350.34	489974	255.1726 ng/ml
Oxymorphone	1.418	1328052	699.70	45.8	712.66	178958	248.0590 ng/ml
Phentermine	3.790	1609200	∞	5.7	290.50	892022	238.9060 ng/ml
Promethazine	5.552	4189920	2723.93	29.6	2565.20	701125	256.1362 ng/ml
Pseudoephedrine	2.603	7600717	3630.60	16.5	41757.60	1442823	246.1207 ng/ml
Quetiapine	5.569	3665907	12356.95	62.1	135051.97	235972	253.1847 ng/ml
Sertraline	5.796	262217	8250.41	93.5	30766.51	46990	240.8933 ng/ml
Temazepam	5.823	3191095	15678.36	26.5	517.88	650866	251.8791 ng/ml
Tramadol	4.252	6983757	∞	3.2	1209.39	1463807	266.3775 ng/ml
Trazodone	5.163	4258997	1556.56	79.1	70803.20	719925	259.2674 ng/ml
Venlafaxine	5.050	6325065	103671.30	33.3	38052.43	1360089	253.0938 ng/ml
Zolpidem	4.921	6726293	266533.07	28.6	111336.53	1216843	254.0086 ng/ml

*Outside curve range.

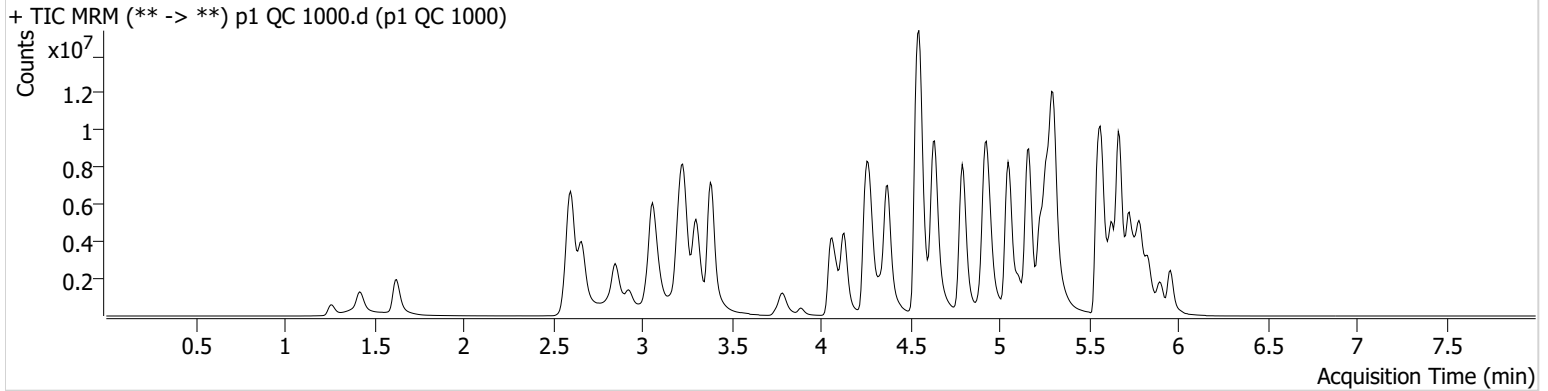


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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 P6-D2 Comment
Injection Volume 2
Acq. Date-Time 3/14/2022 12:37:57 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	248705	17005.04	68.0	892.00	69699	101.9097 ng/ml
7-aminoclonazepam	4.265	676929	158.47	88.0	182.75	45603	630.9865 ng/ml*
a-hydroxyalprazolam	5.692	521260	293.49	67.5	185.97	149065	436.0918 ng/ml*
alpha-PHP	4.944	2693807	51201.40	266.0	36549.73	528363	897.6997 ng/ml
alpha-PVP	4.376	12736348	257282.73	51.7	1794328.20	528363	1028.6275 ng/ml
Alprazolam	5.782	4022033	1169.42	107.0	494.13	149065	981.2823 ng/ml
Amphetamine	3.063	13991520	207.08	47.6	201.64	363356	608.7372 ng/ml*
Benzoylcegonine	3.886	423013	19372.88	8.0	5513.18	13901	1048.4440 ng/ml
Buprenorphine	5.853	375722	22285.48	14.7	31077.64	101987	127.8062 ng/ml*
Bupropion	4.795	14664639	2653670.17	62.6	199338.54	551307	985.3710 ng/ml
Carisoprodol	5.730	2302834	92662.56	54.7	12769.02	91563	1043.7741 ng/ml
Citalopram	5.226	7143633	149337.24	37.8	54898.33	302382	1031.7475 ng/ml
Clonazepam	5.612	2842675	2223.31	34.1	7568.02	49771	854.3128 ng/ml
Clonazepam	5.548	1231253	34976.06	38.8	41263.97	49771	548.0671 ng/ml*
Cocaine	4.277	6871664	185984.72	53.4	173821.35	591778	1022.1854 ng/ml
Codeine	2.600	677747	162.88	97.4	37121.65	48875	792.5527 ng/ml*
Cyclobenzaprine	5.635	7471805	23401.00	6.9	1220.59	273534	1079.6150 ng/ml
Dextromethorphan	5.275	4038575	83732.93	77.7	122890.85	194967	1010.7909 ng/ml
Dextrophan	4.132	3600124	96573.85	220.1	58447.49	382293	1051.2286 ng/ml
Diazepam	5.960	3005965	∞	91.1	3486.16	154943	981.7836 ng/ml
Dihydrocodeine	2.572	2397776	23282.65	62.4	338.65	231703	718.1191 ng/ml*
Diphenhydramine	5.303	21707578	361387.96	34.2	455430.41	1154462	1008.3438 ng/ml
Doxylamine	4.549	26320683	553578.75	98.2	420436.58	1408254	819.6231 ng/ml*
EDDP	5.268	9337331	145647.53	40.2	11060.28	490759	1119.3918 ng/ml
Etizolam	5.820	1716319	14393.09	25.7	389.06	49771	1246.9198 ng/ml*
Fentanyl	5.109	1230680	115939.26	74.8	22787.82	660916	108.4825 ng/ml
Flualprazolam	5.705	1392804	19247.45	110.9	22055.32	149065	844.3181 ng/ml
Fluoxetine	5.727	4792609	307902.39	8.5	209203.40	158337	1085.2461 ng/ml
Hydrocodone	3.032	4162845	372.47	34.1	268.53	281761	892.8260 ng/ml
Hydromorphone	1.628	4009525	26895780.53	75.1	26967013.6	134283	1002.6733 ng/ml
Ketamine	4.059	8506458	346236.45	36.5	18728.92	438814	963.6558 ng/ml
Lamotrigine	4.294	442694	18102.20	86.2	11936.15	438814	581.8793 ng/ml*

AM #28 Multi-Drug Quant. Results



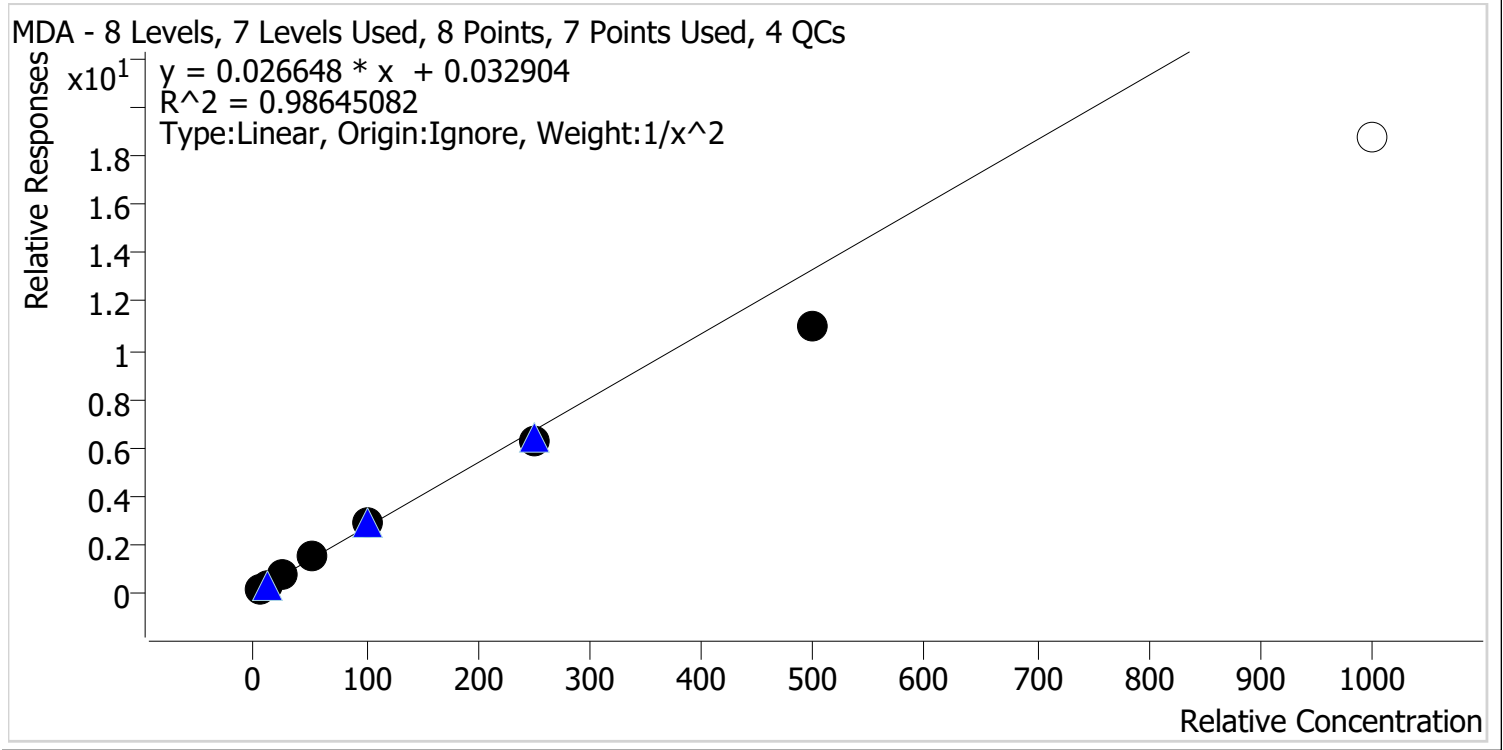
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	3969152	154292.89	146.9	47169.24	805990	1174.0273 ng/ml
Lorazepam	5.753	981969	18884.44	51.0	2546.39	49771	376.0279 ng/ml*
MDA	3.203	6821807	1956.41	28.2	5157.98	335816	761.0923 ng/ml*
MDMA	3.303	7628248	197132.63	94.7	108634.24	90569	1020.4192 ng/ml
Meprobamate	4.904	1760177	1266.47	25.9	3192.04	208795	472.2603 ng/ml*
Methadone	5.666	15138610	274166.53	51.4	154581.82	616440	1013.0472 ng/ml
Methamphetamine	3.231	17493750	124727.23	36.6	60338.17	1005791	757.6464 ng/ml*
Metoprolol	4.340	1695849	23456.67	97.4	101407.97	1033435	802.2085 ng/ml*
Mirtazapine	4.637	18953055	372580.41	45.8	207198.88	528363	1070.1394 ng/ml
Mitragynine	5.243	2683710	39146.86	36.8	225141.54	616440	1030.8486 ng/ml
Morphine	1.261	659257	31240.74	19.7	13345.38	13401	951.4102 ng/ml
Norbuprenorphine	5.006	44750	170.63	97.3	45517.57	21325	96.7116 ng/ml
Nordiazepam	5.906	2391696	1023.09	55.4	6003.78	86499	968.8324 ng/ml
Norfentanyl	4.093	2065498	68726.37	36.0	8055.21	653036	129.2434 ng/ml*
Norhydrocodone	3.080	667871	∞	41.7	375.21	44318	1174.1152 ng/ml*
Noroxycodone	2.923	2836181	4680.40	48.7	3414.20	85213	1184.0537 ng/ml
O-desmethyl-tramadol	3.383	19186333	225999.36	5.6	69151.30	1105503	1008.9731 ng/ml
Oxazepam	5.756	1485017	21777.39	72.6	7342.87	62861	974.4901 ng/ml
Oxycodone	2.848	8849913	2472.71	29.2	858.59	398122	959.1813 ng/ml
Oxymorphone	1.418	3843530	∞	45.5	∞	135889	946.2643 ng/ml
Phentermine	3.790	3887593	∞	5.7	4897.56	743517	694.8053 ng/ml*
Promethazine	5.552	15018840	4273.73	29.1	8518.23	617837	1040.7972 ng/ml
Pseudoephedrine	2.603	19302553	358577.85	16.2	93953.08	805990	1117.0652 ng/ml
Quetiapine	5.569	8784454	1658.98	61.7	582.34	155949	919.4224 ng/ml
Sertraline	5.796	1510847	133863.11	92.2	30755.36	63344	1027.6260 ng/ml
Temazepam	5.830	4504708	40060.48	26.6	30603.69	230002	1007.5040 ng/ml
Tramadol	4.252	17069905	378439.68	3.2	10211.38	1033435	924.3832 ng/ml
Trazodone	5.163	14401796	318332.84	79.1	154503.40	676861	933.8746 ng/ml
Venlafaxine	5.050	17465402	73476.10	33.8	10219.11	914912	1037.4648 ng/ml
Zolpidem	4.921	16962016	6476.80	28.5	532234.14	964220	809.4662 ng/ml*

*Outside curve range.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



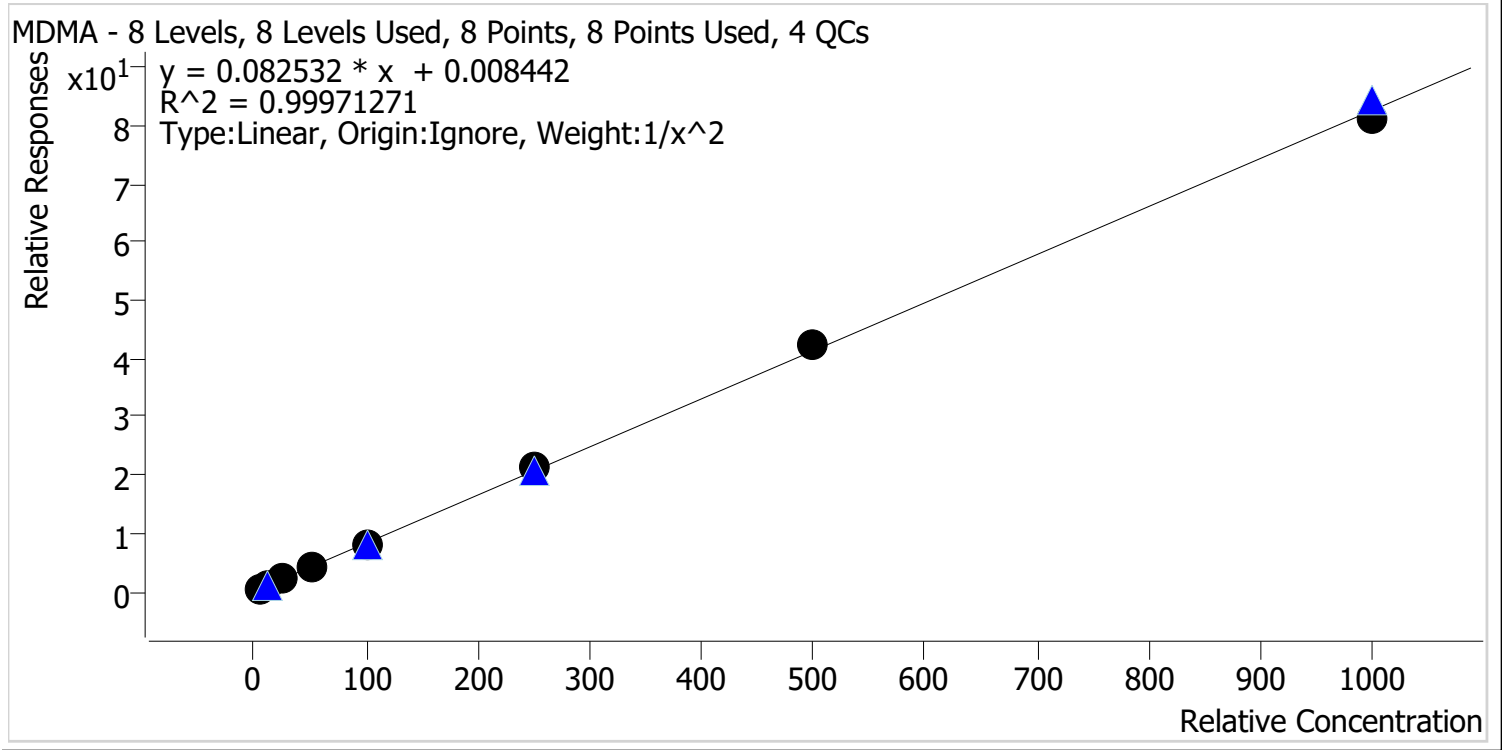
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	54.8	109.5
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	234.4	93.8
p1 Cal 7-500ng	7	✓	500.0	414.1	82.8
p1 Cal 8-1000ng	8	✗	1000.0	707.1	70.7

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

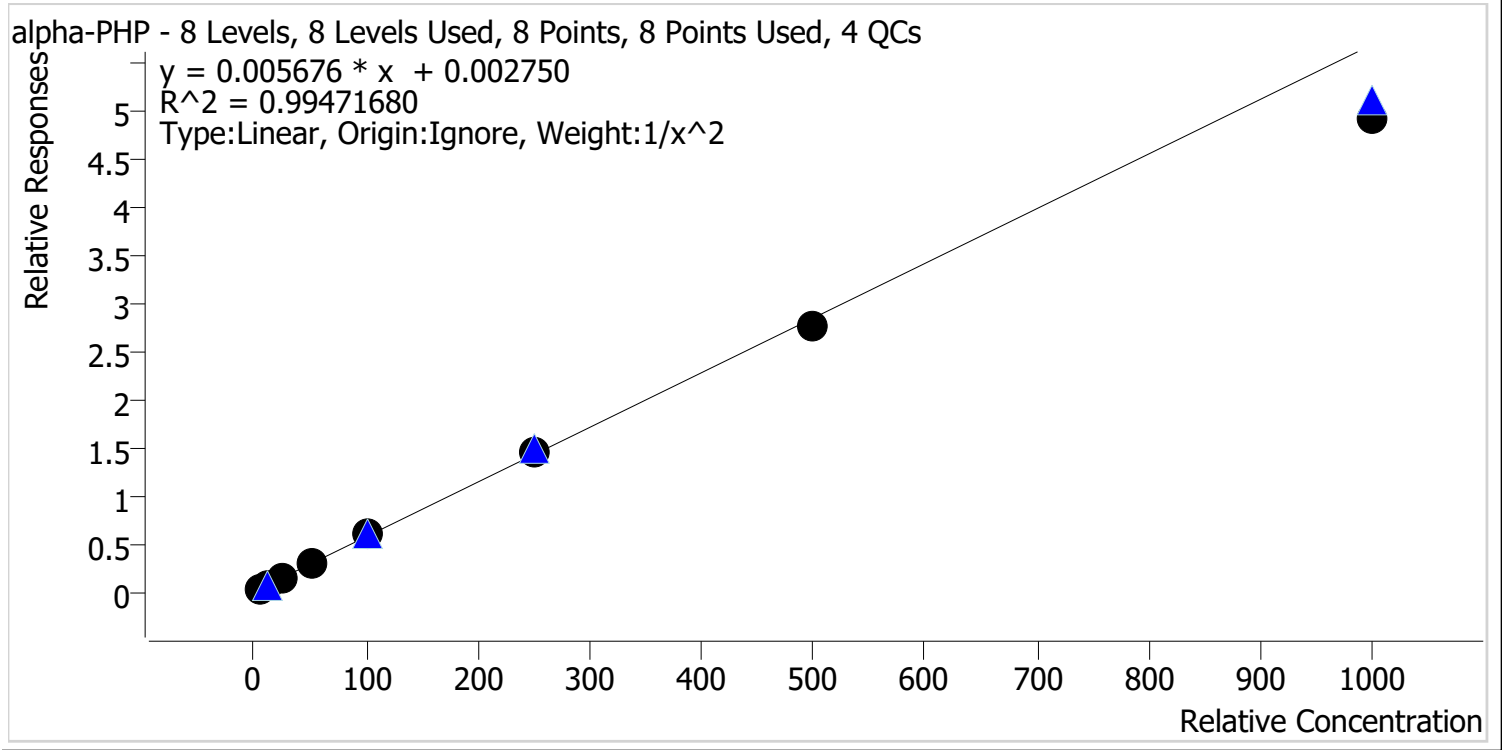


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	254.6	101.9
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	983.1	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

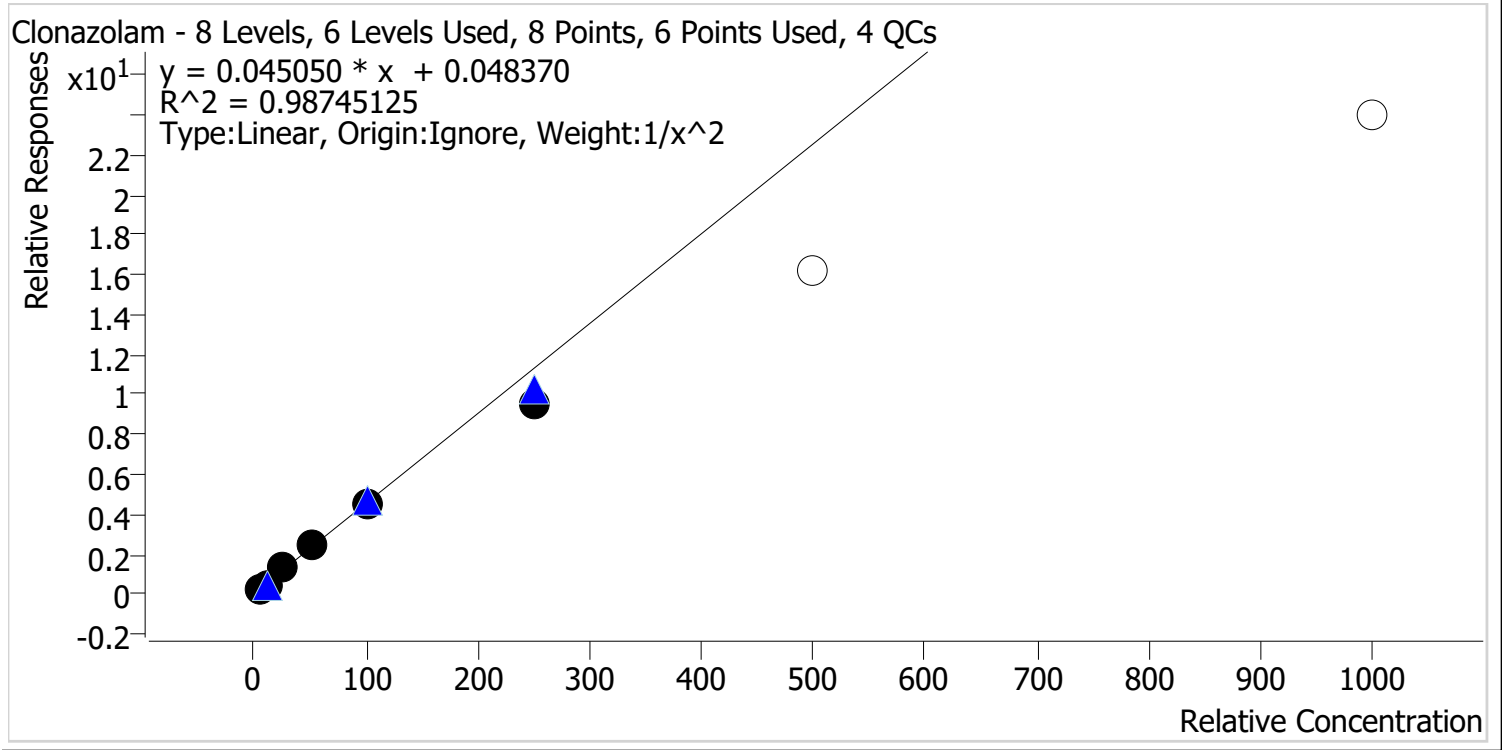


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	864.2	86.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



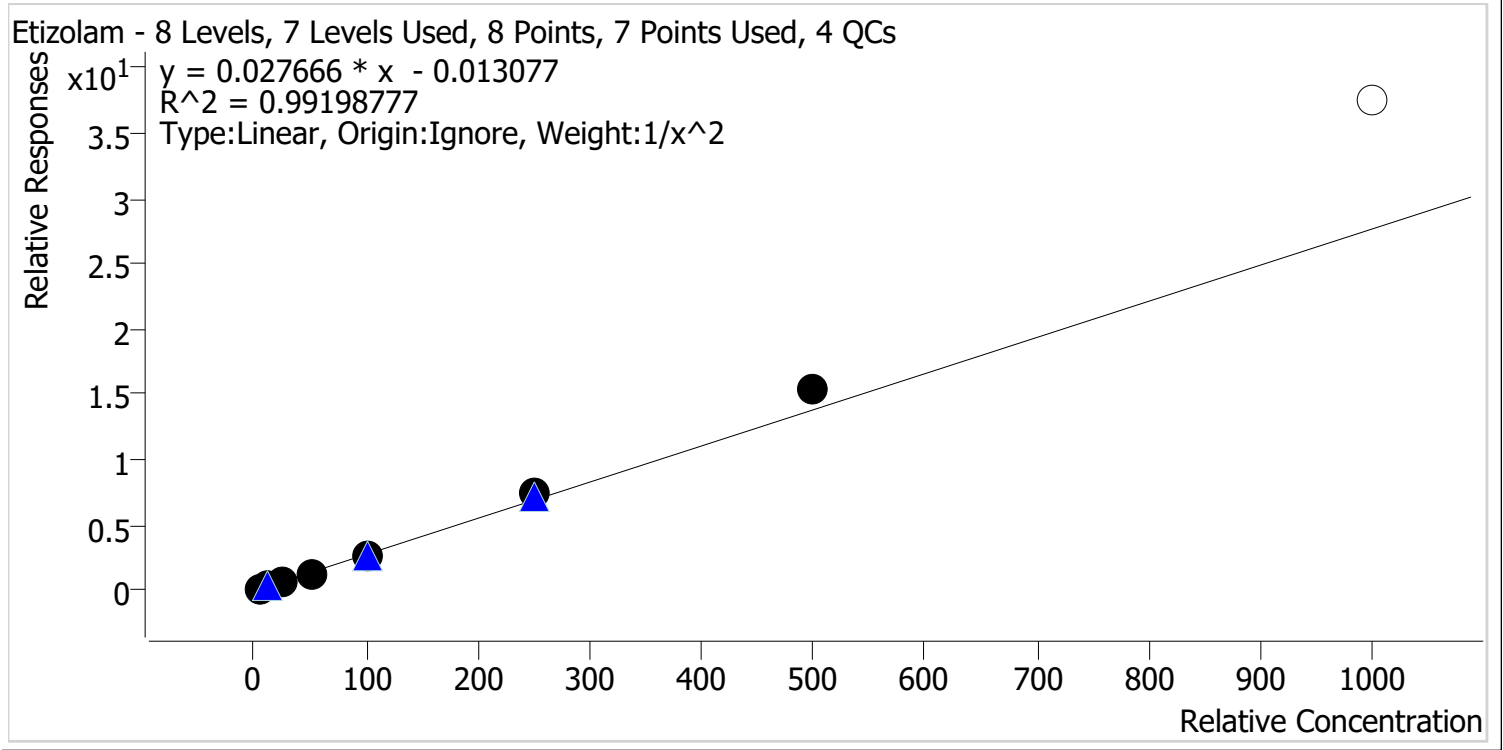
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	210.0	84.0
p1 Cal 7-500ng	7	✗	500.0	360.7	72.1
p1 Cal 8-1000ng	8	✗	1000.0	532.1	53.2

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



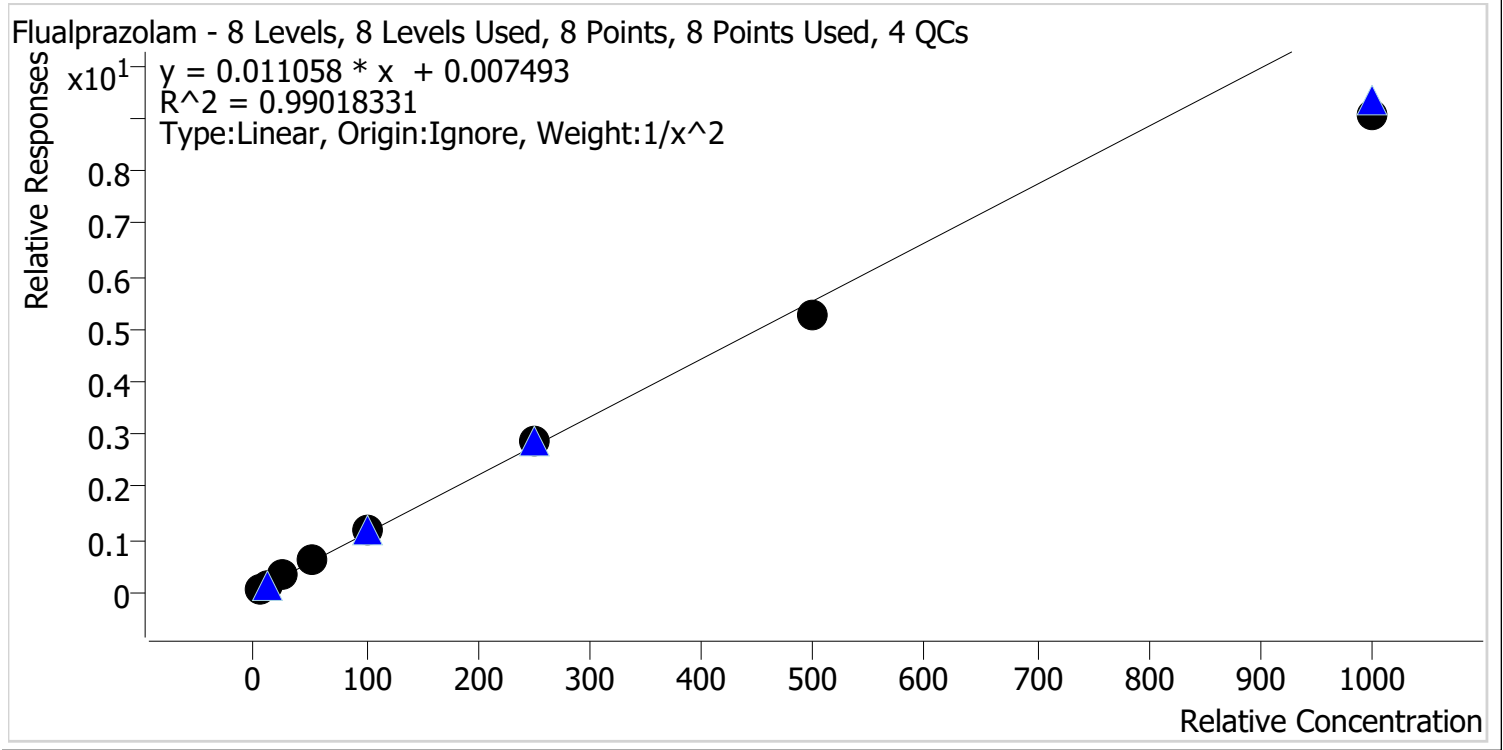
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.3	93.3
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	266.3	106.5
p1 Cal 7-500ng	7	✓	500.0	557.0	111.4
p1 Cal 8-1000ng	8	✗	1000.0	1355.1	135.5

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

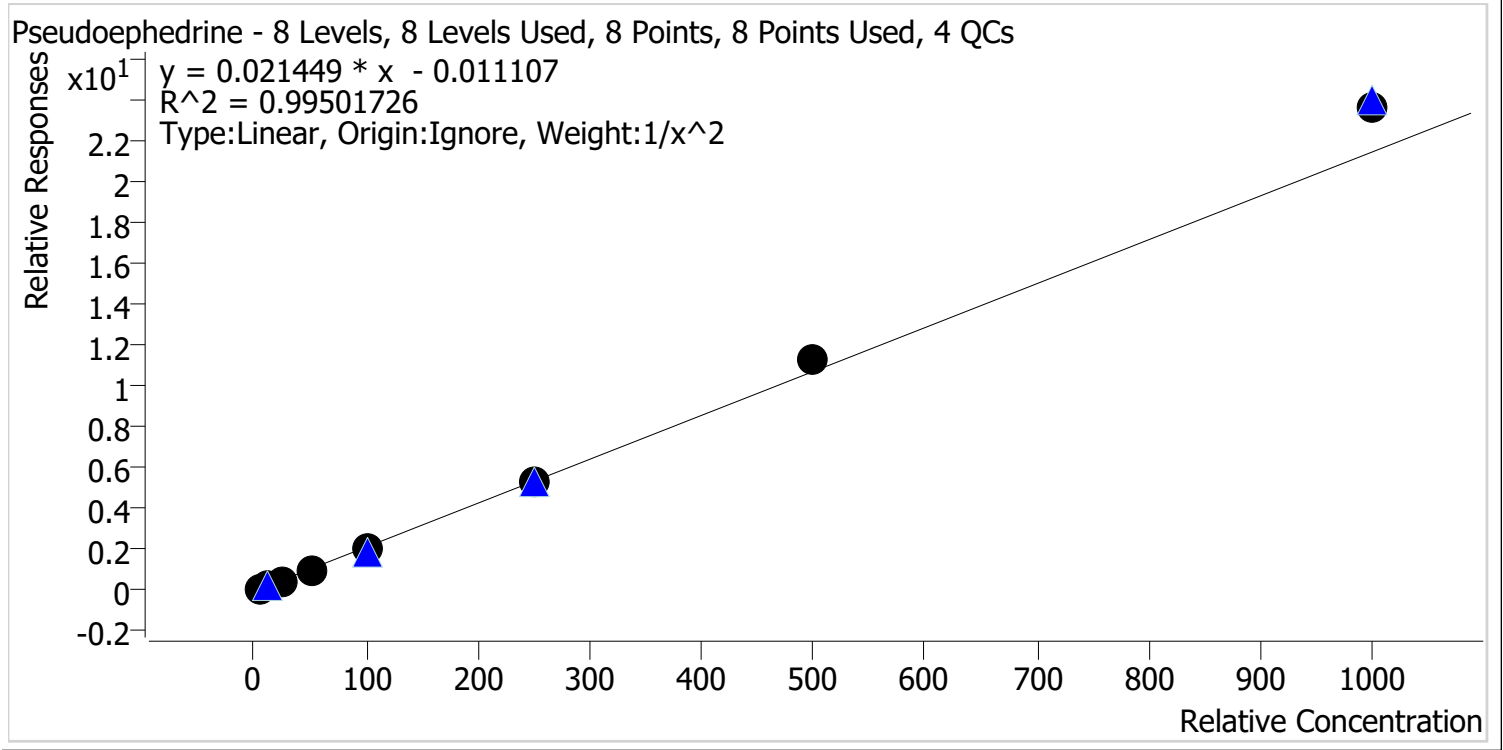


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	108.6	108.6
p1 Cal 6-250ng	6	✓	250.0	257.7	103.1
p1 Cal 7-500ng	7	✓	500.0	474.9	95.0
p1 Cal 8-1000ng	8	✓	1000.0	820.9	82.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datator
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



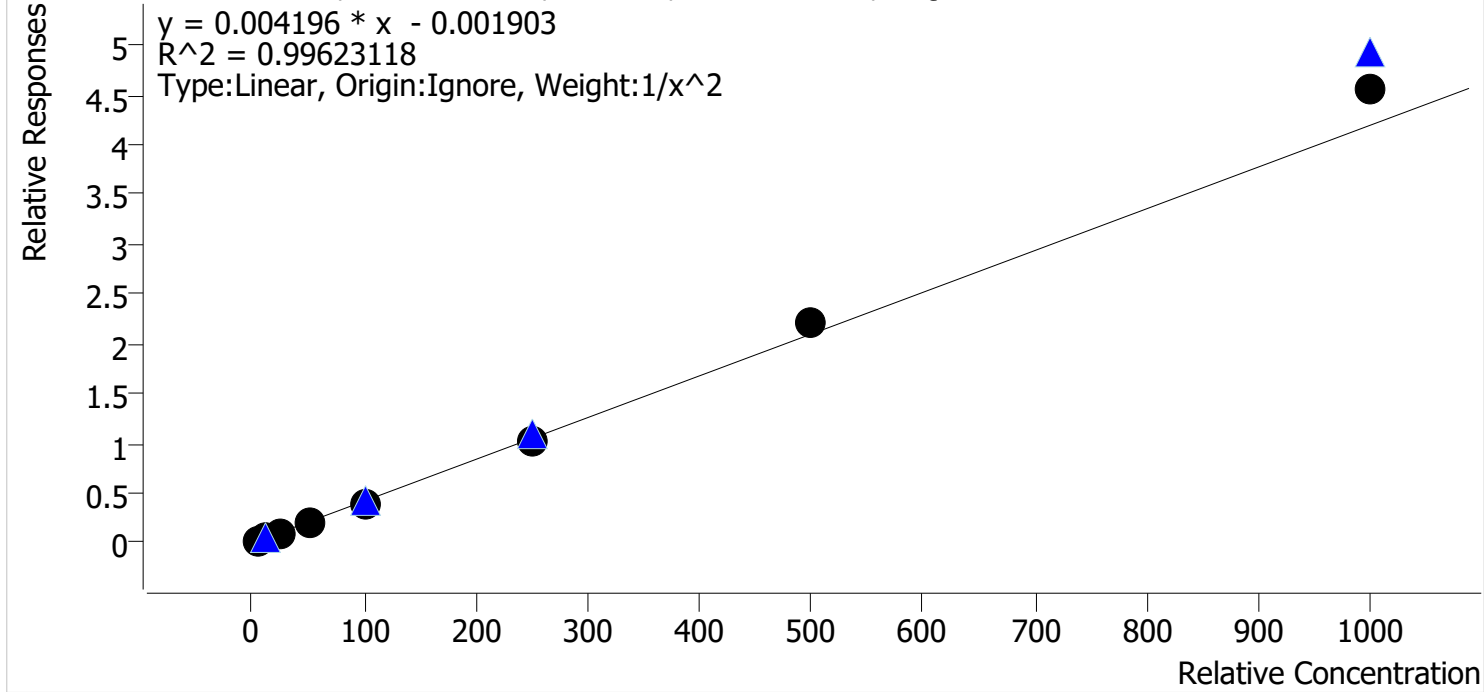
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1103.7	110.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

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

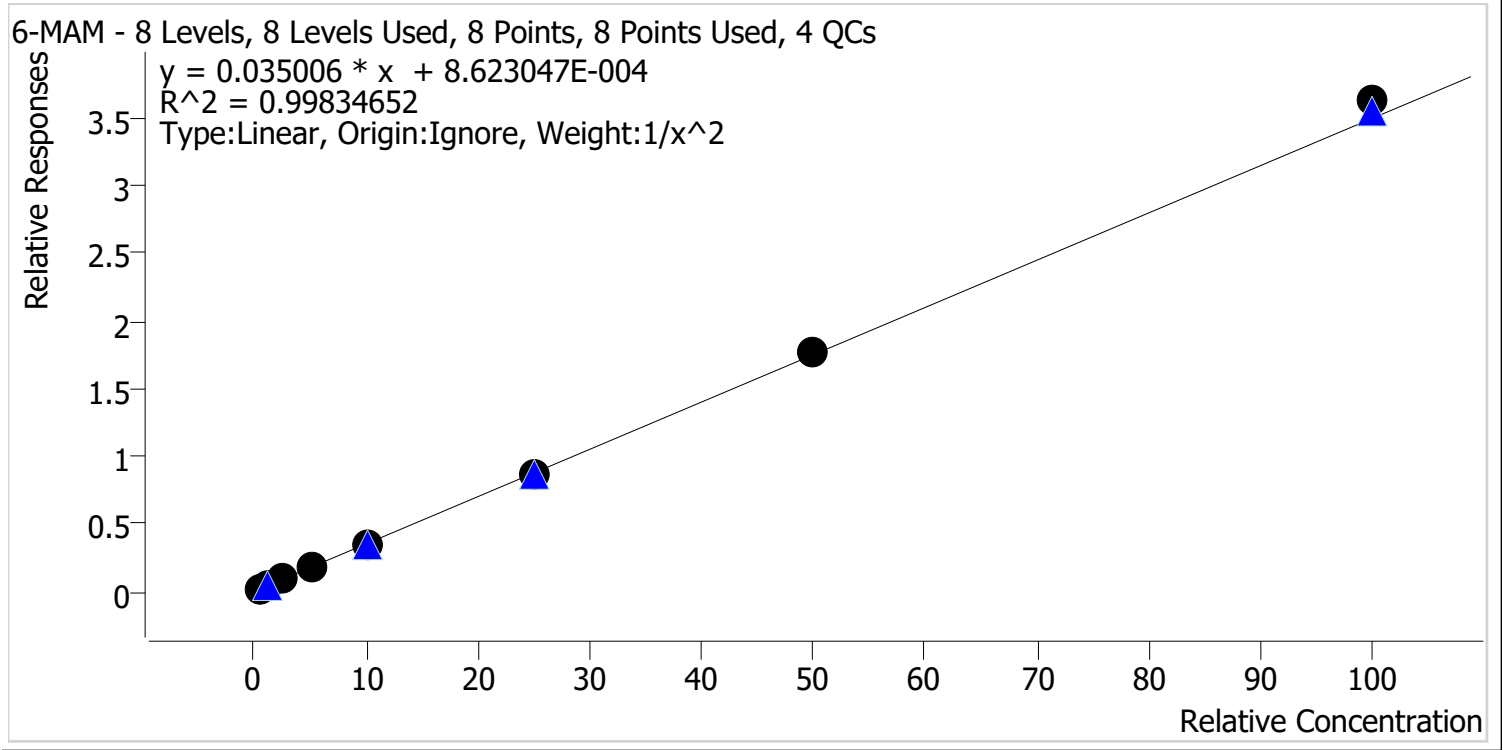


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1090.9	109.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

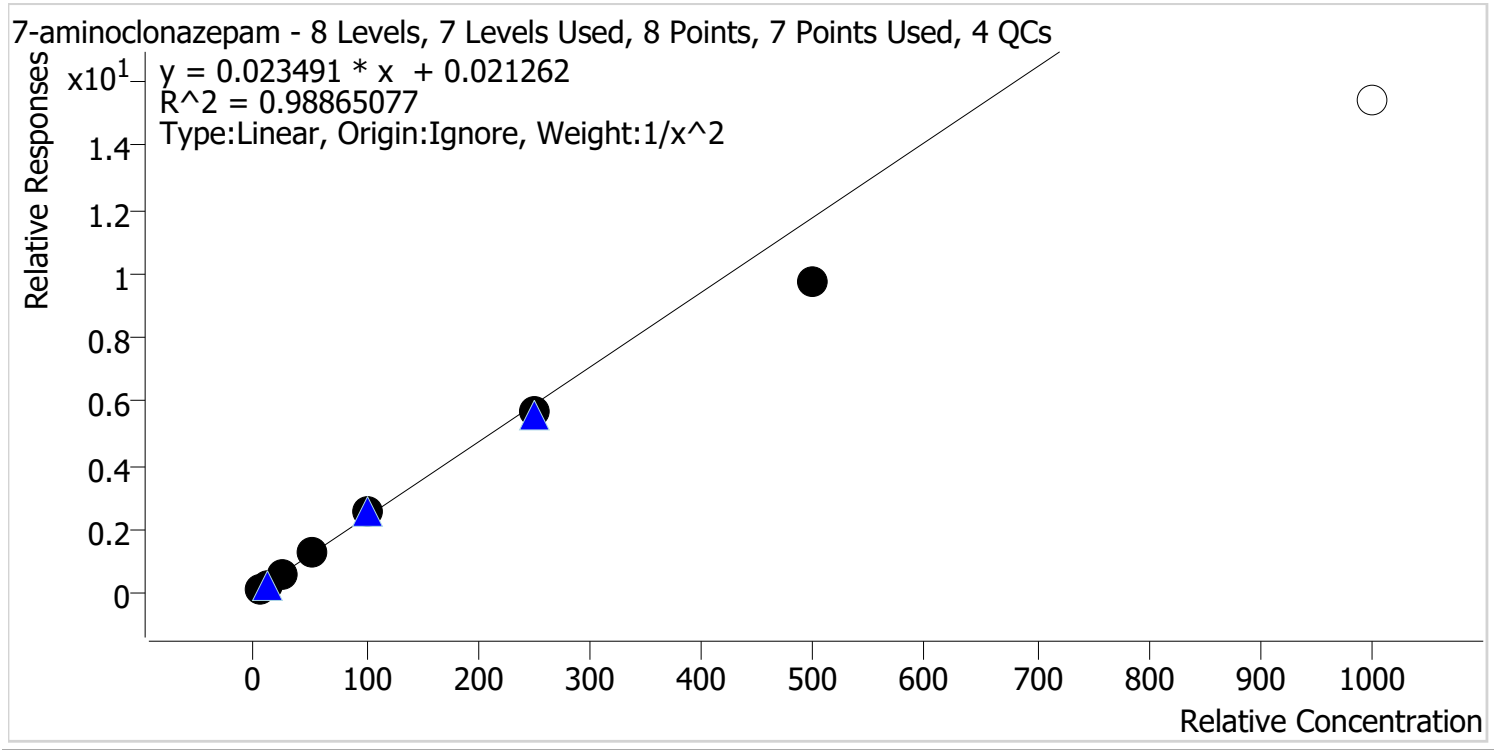


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	0.9	93.3
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.8
p1 Cal 4-50ng	4	✓	5.0	4.9	98.6
p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
p1 Cal 6-250ng	6	✓	25.0	25.0	100.0
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	103.8	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datator
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



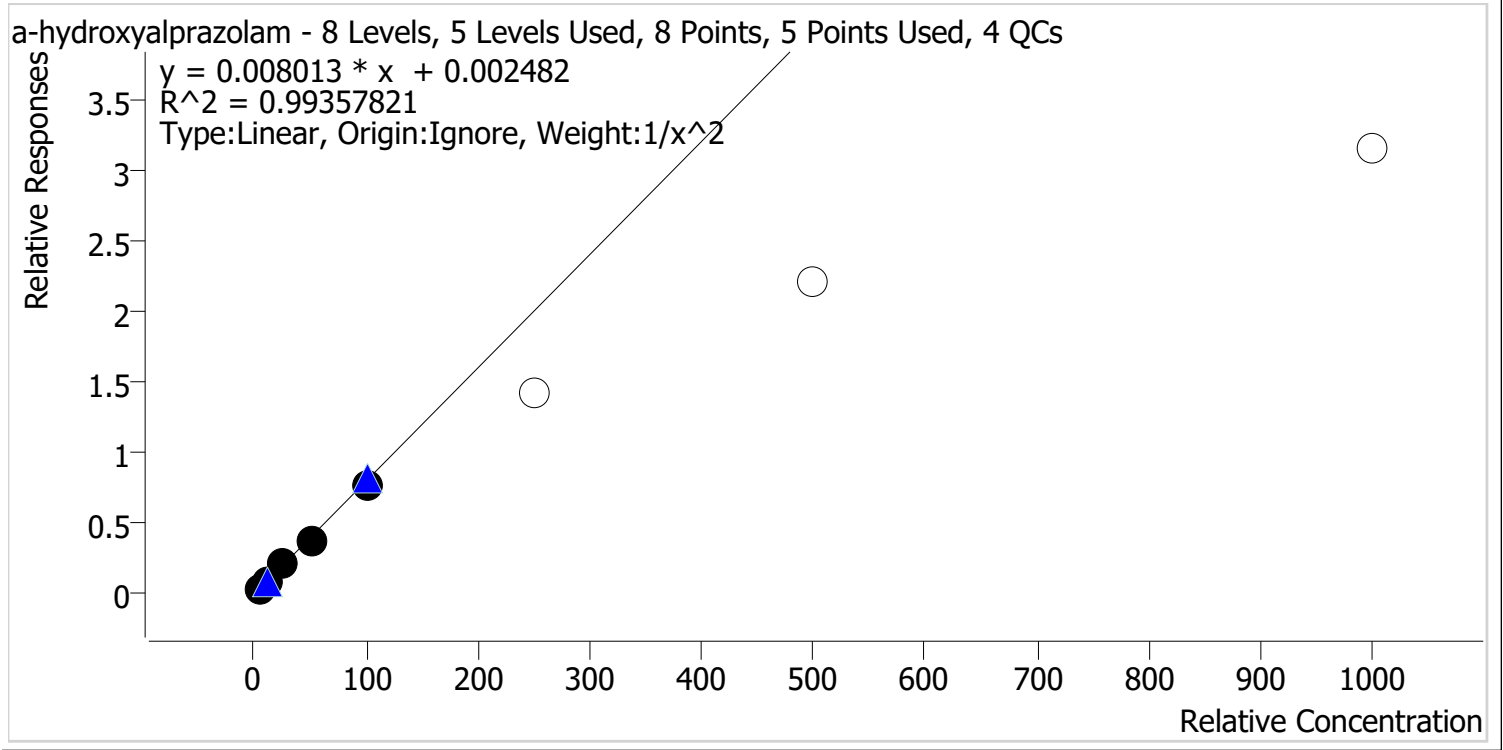
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng	6	✓	250.0	239.1	95.6
p1 Cal 7-500ng	7	✓	500.0	416.1	83.2
p1 Cal 8-1000ng	8	✗	1000.0	655.4	65.5

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



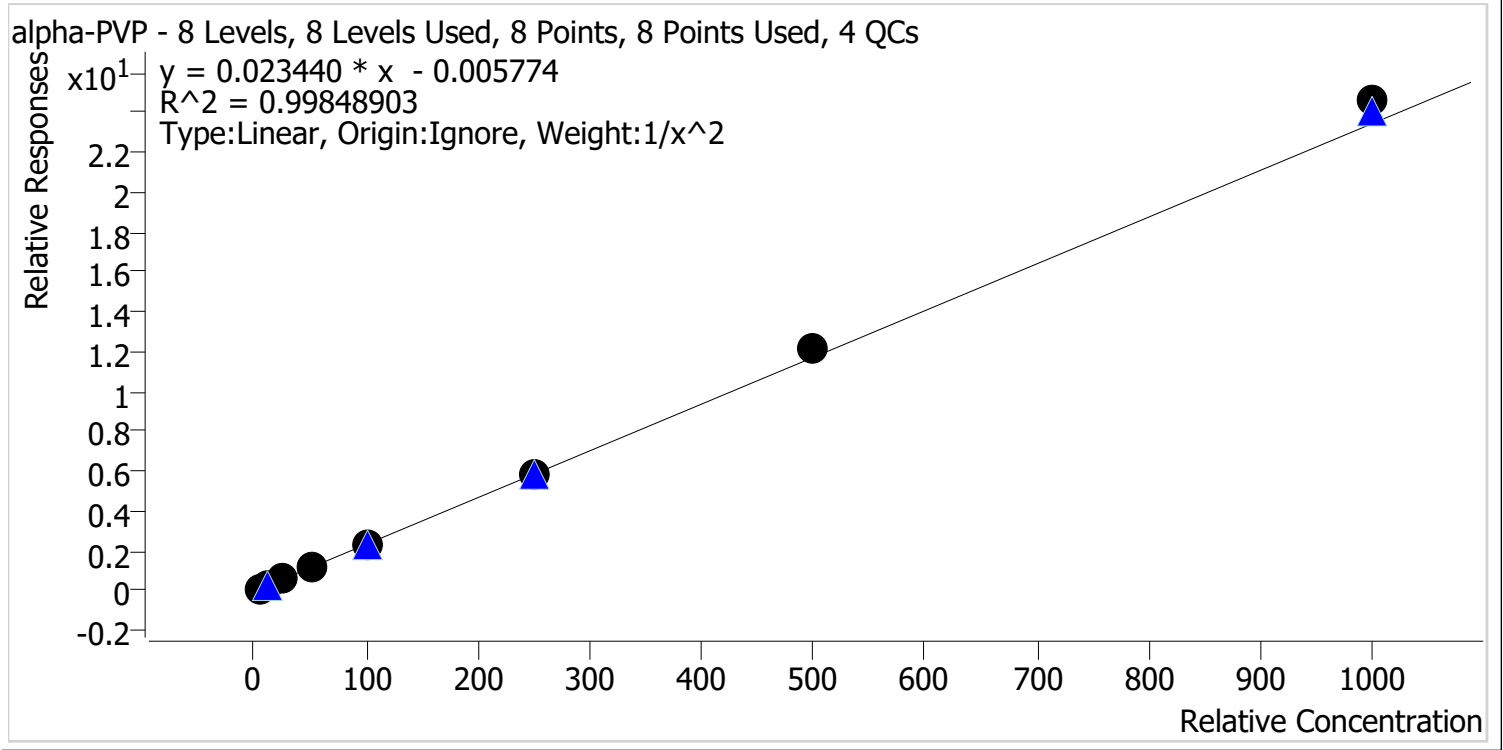
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✗	250.0	178.6	71.4
p1 Cal 7-500ng	7	✗	500.0	276.2	55.2
p1 Cal 8-1000ng	8	✗	1000.0	392.5	39.2

Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



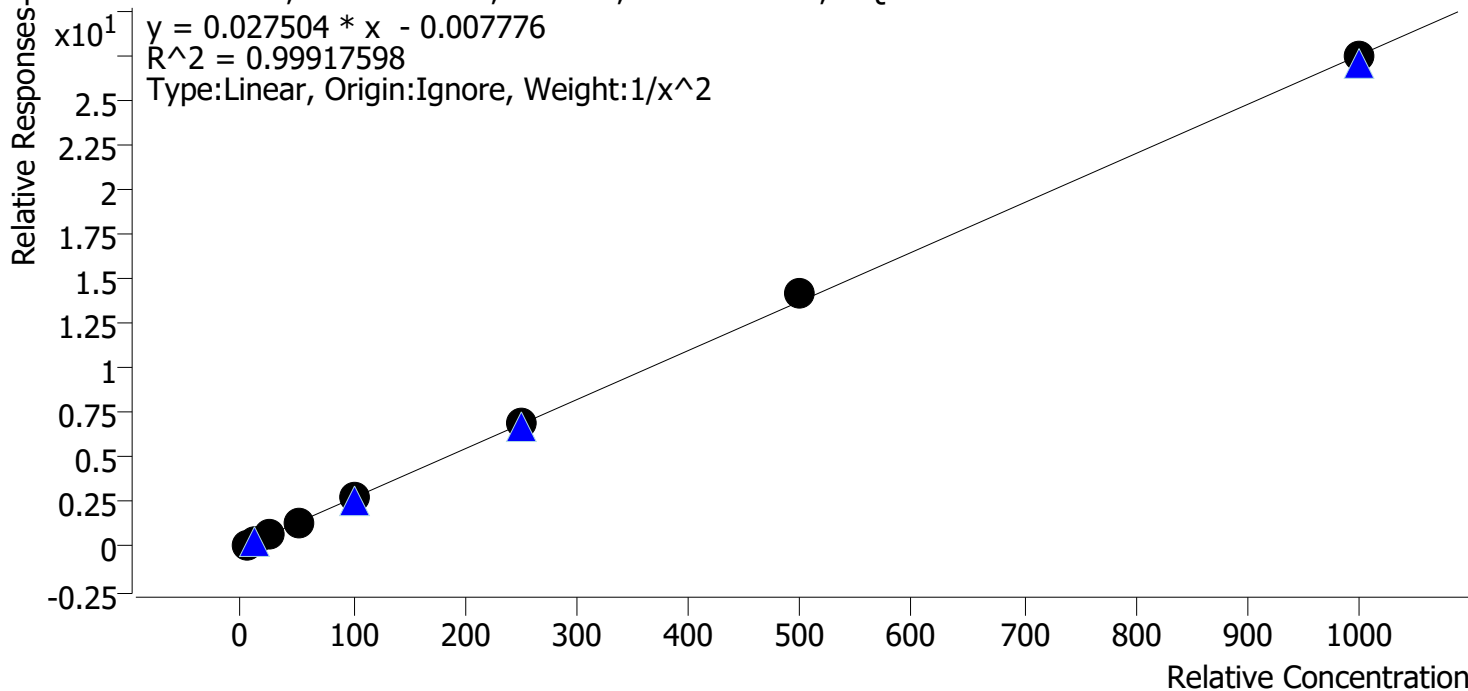
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1049.3	104.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

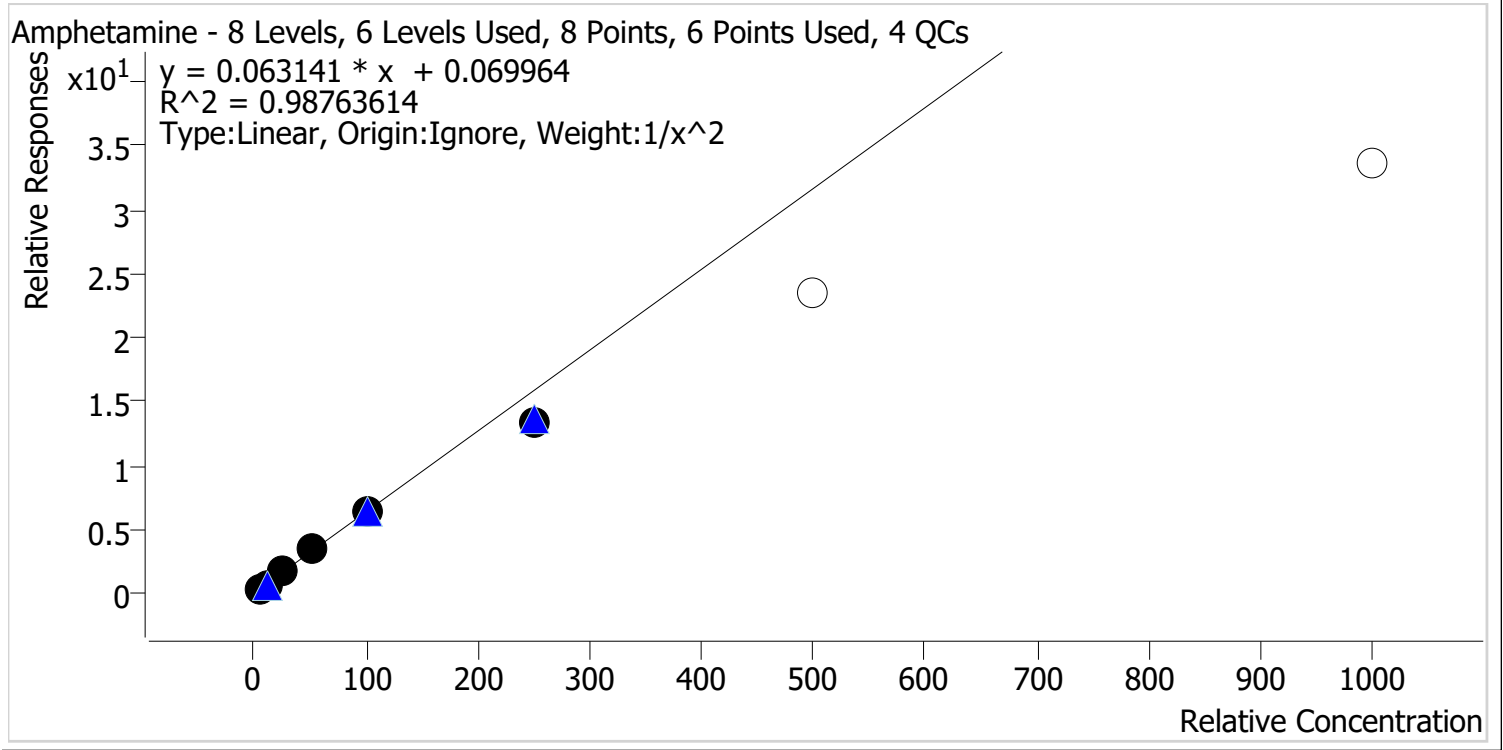


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	515.6	103.1
p1 Cal 8-1000ng	8	✓	1000.0	997.3	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



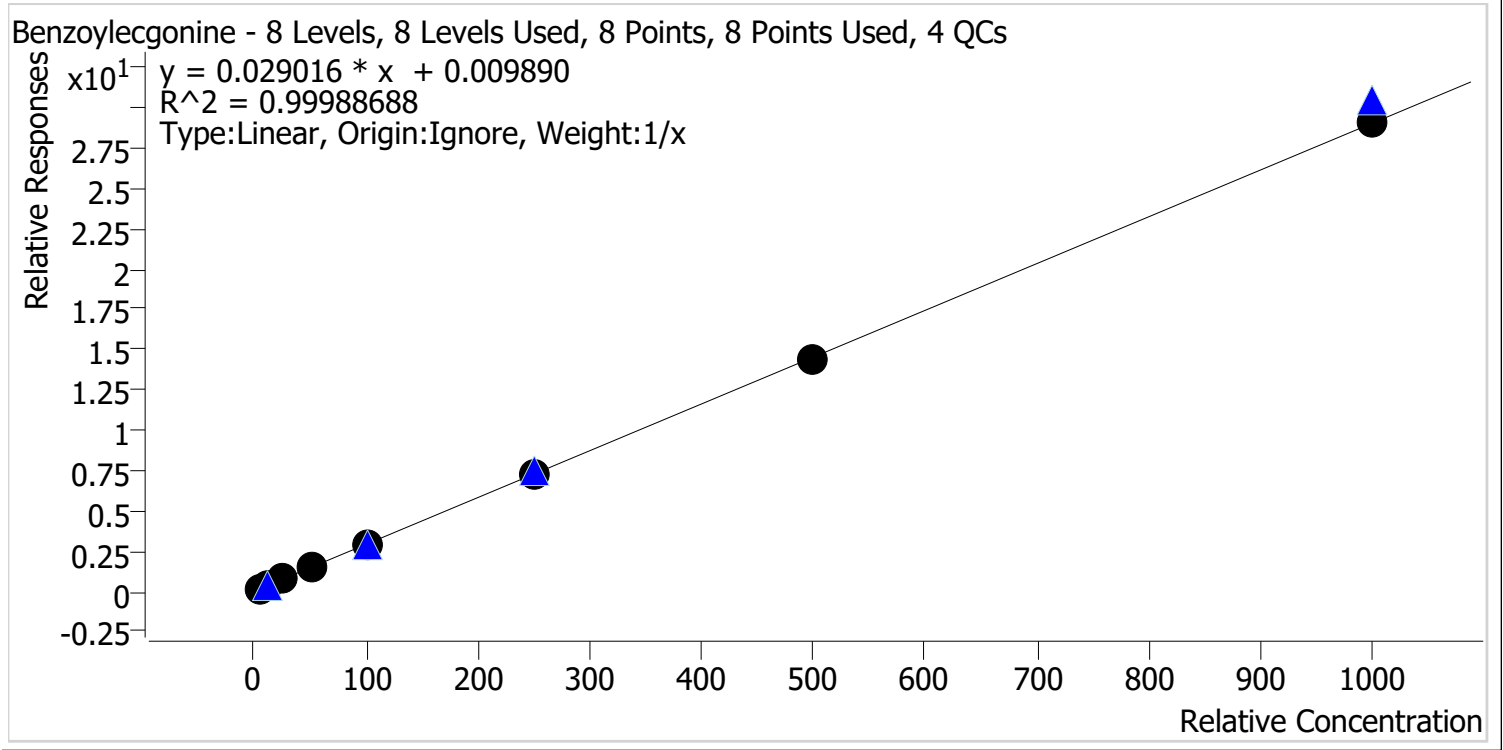
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	211.1	84.4
p1 Cal 7-500ng	7	x	500.0	369.6	73.9
p1 Cal 8-1000ng	8	x	1000.0	530.2	53.0

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

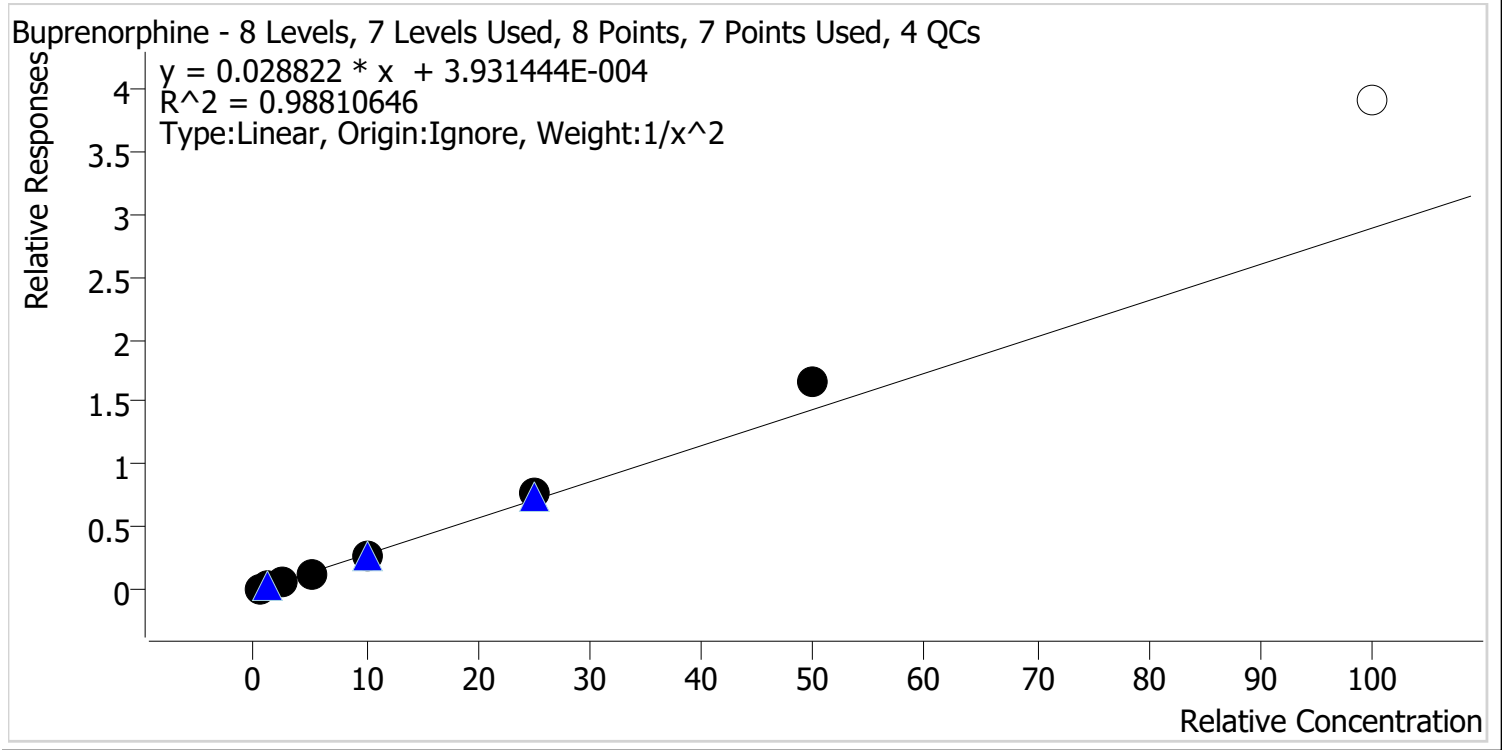


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	495.8	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1004.6	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



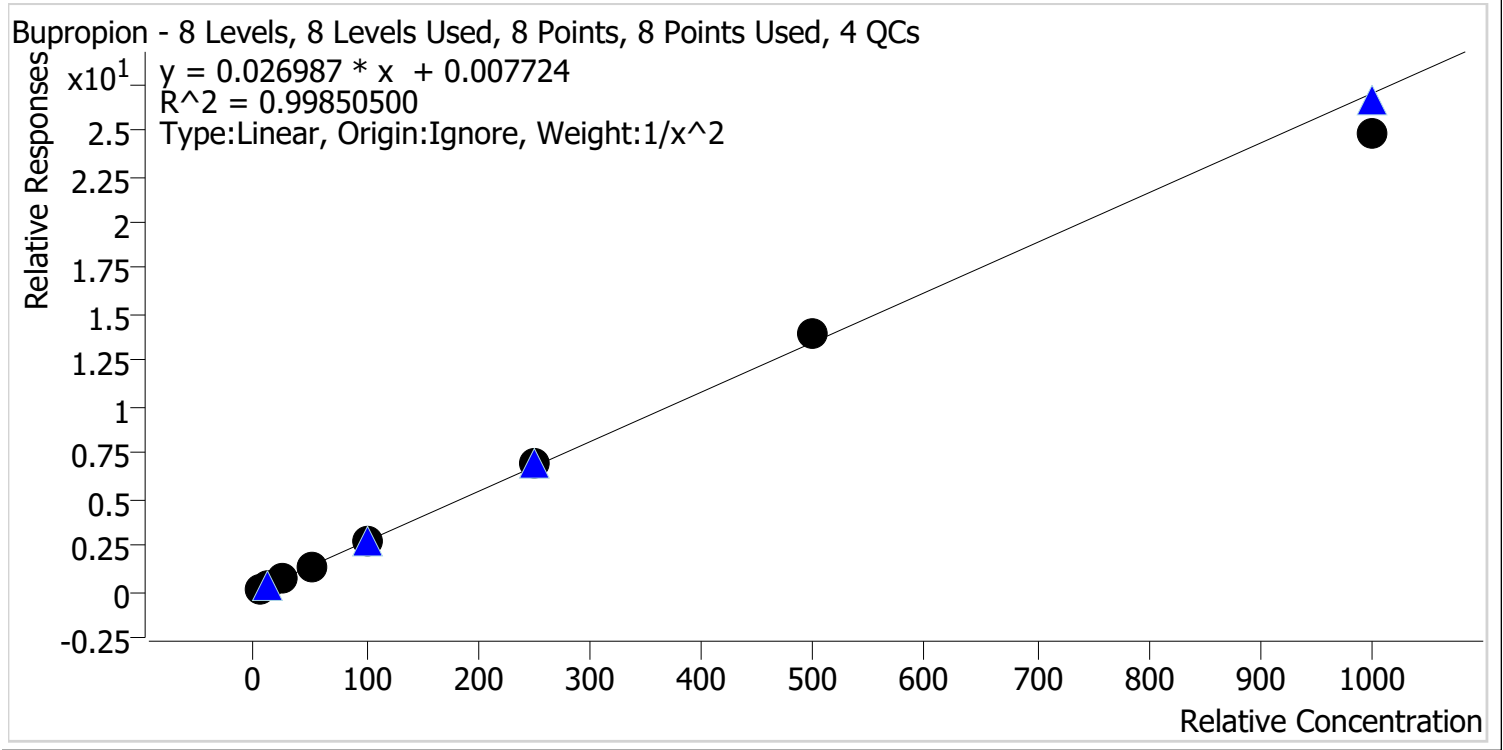
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	106.7
p1 Cal 2-10ng	2	✓	1.0	0.9	90.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.9
p1 Cal 4-50ng	4	✓	5.0	4.6	92.3
p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
p1 Cal 6-250ng	6	✓	25.0	26.8	107.0
p1 Cal 7-500ng	7	✓	50.0	57.2	114.5
p1 Cal 8-1000ng	8	✗	100.0	135.2	135.2

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

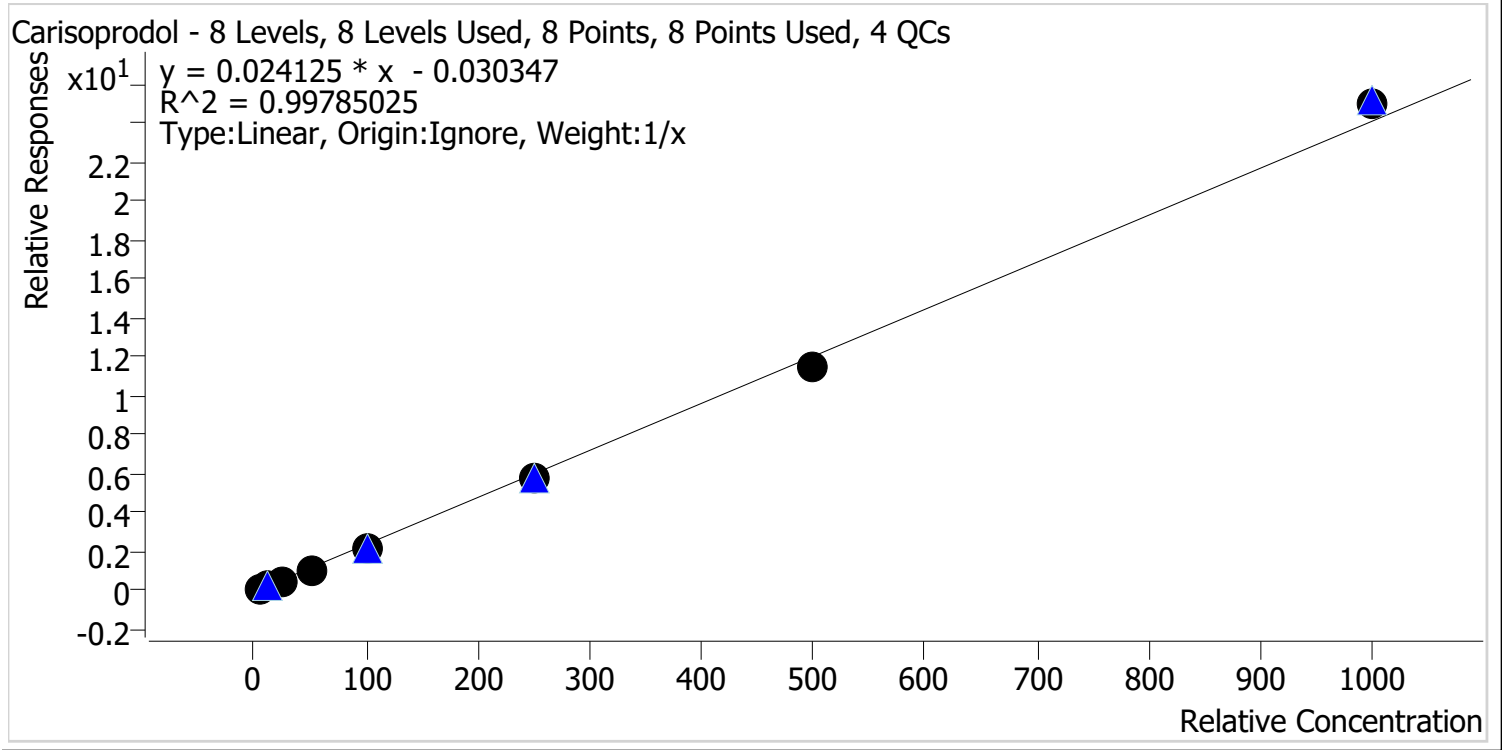


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	515.3	103.1
p1 Cal 8-1000ng	8	✓	1000.0	921.8	92.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

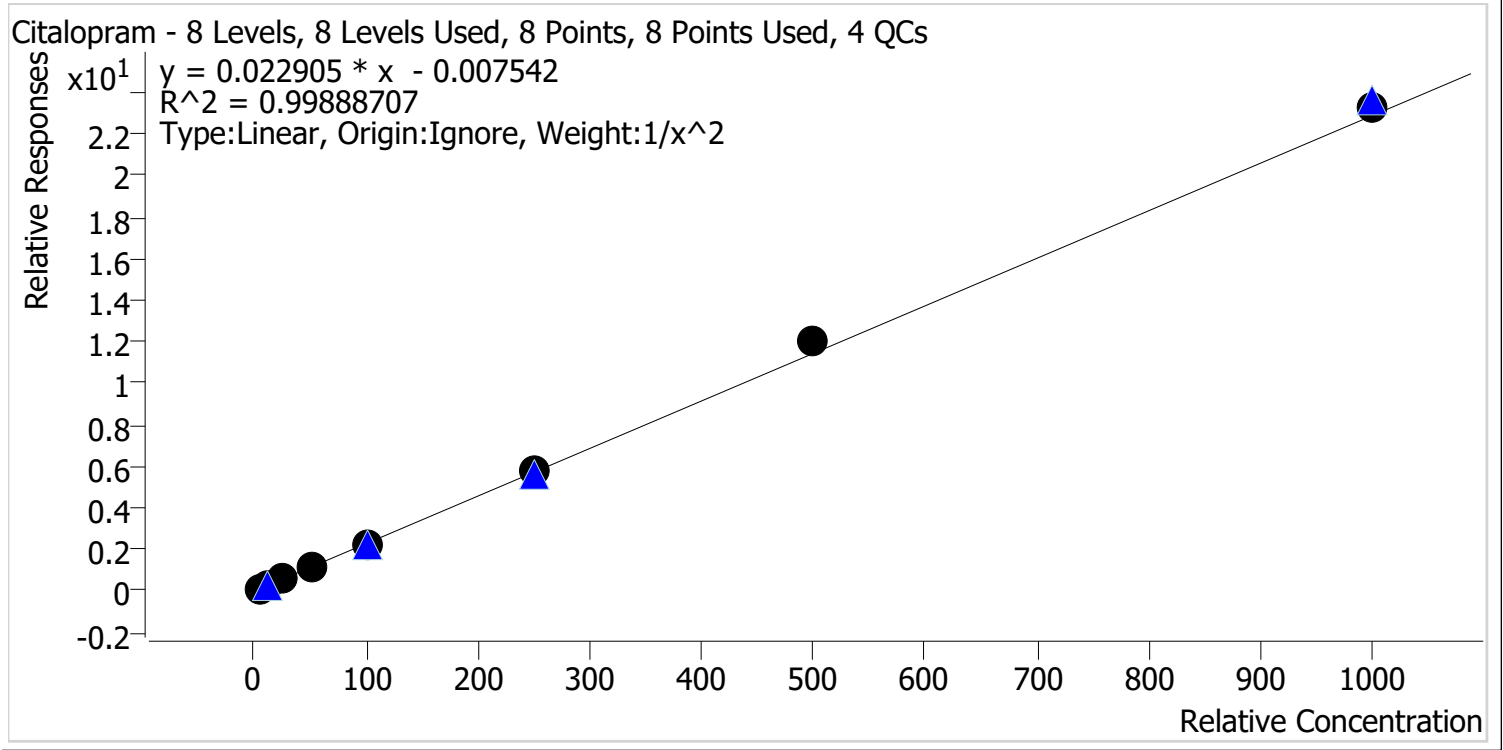


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	116.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	46.8	93.7
p1 Cal 5-100ng	5	✓	100.0	92.4	92.4
p1 Cal 6-250ng	6	✓	250.0	244.8	97.9
p1 Cal 7-500ng	7	✓	500.0	475.8	95.2
p1 Cal 8-1000ng	8	✓	1000.0	1039.8	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



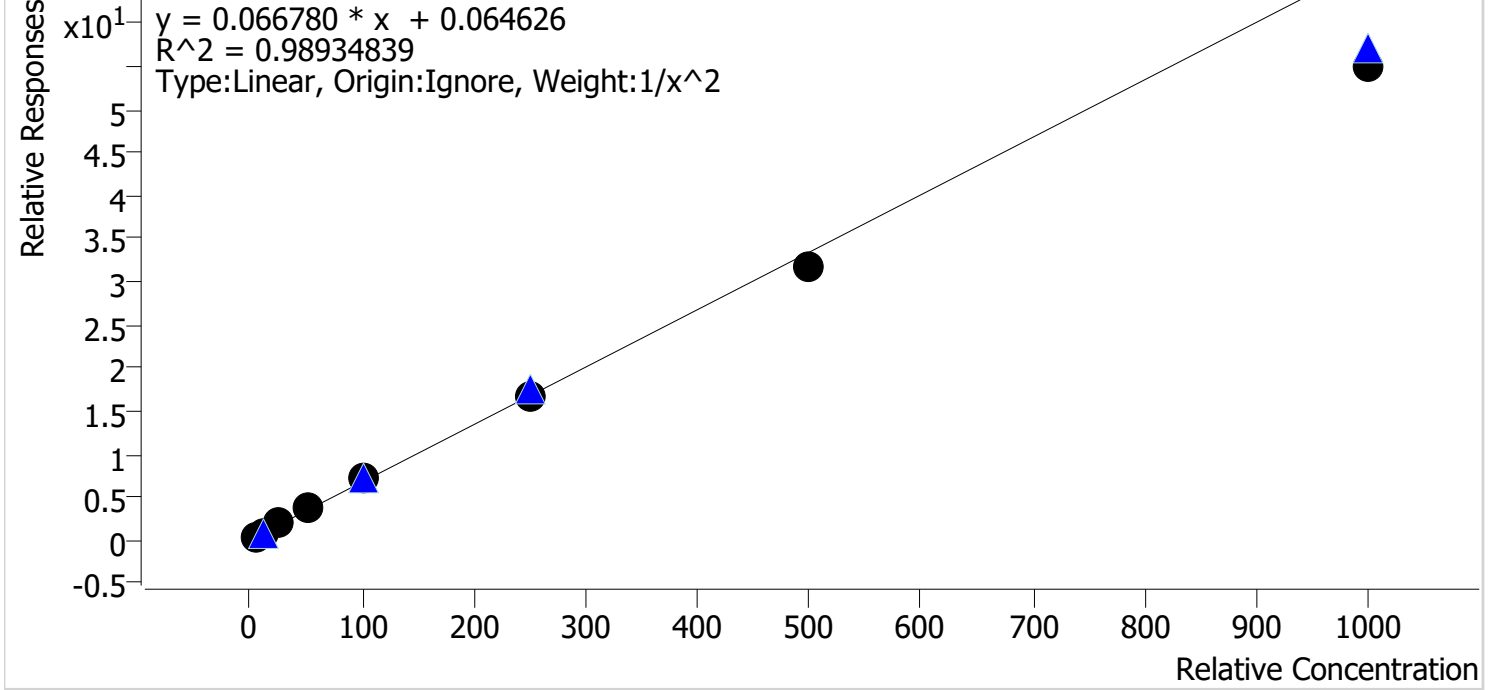
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1020.4	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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

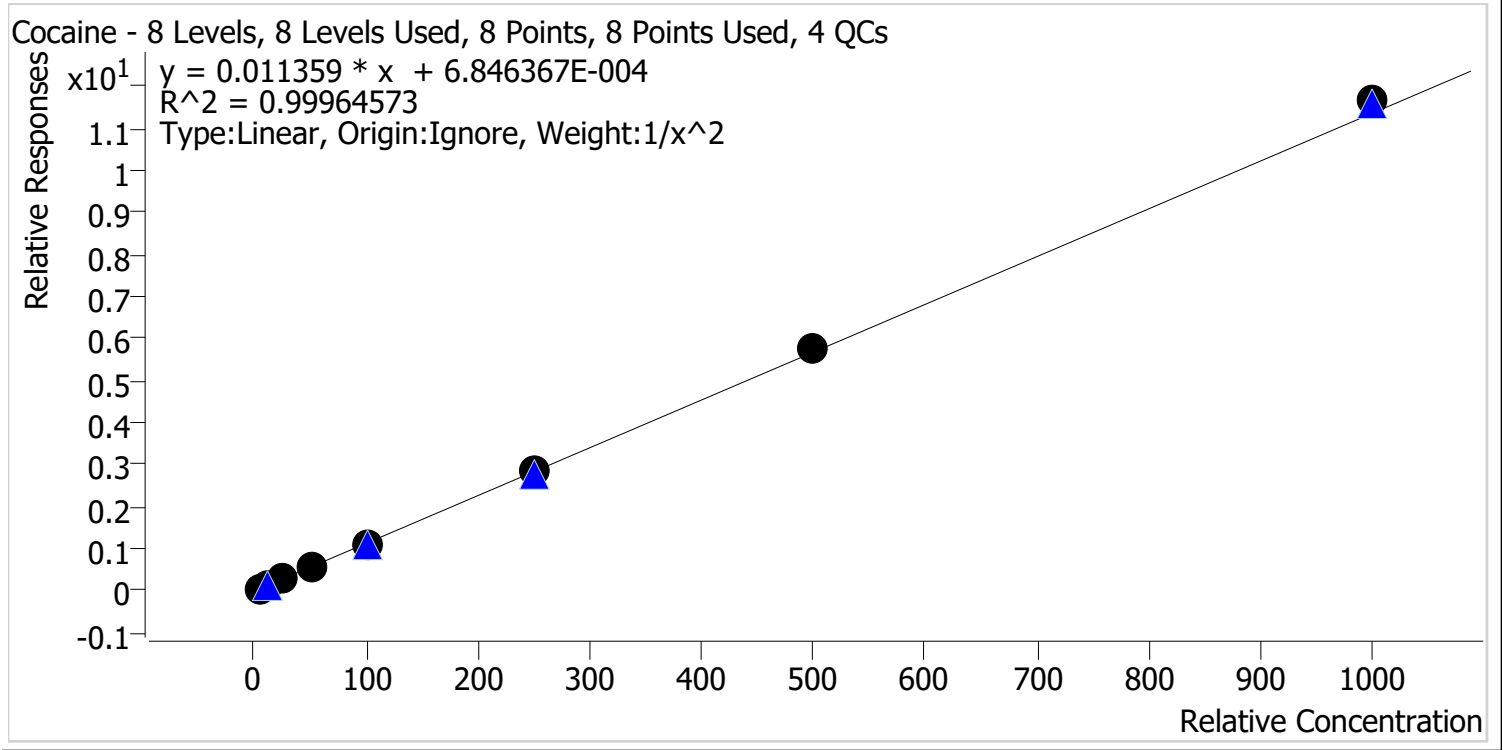


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	473.4	94.7
p1 Cal 8-1000ng	8	✓	1000.0	823.1	82.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

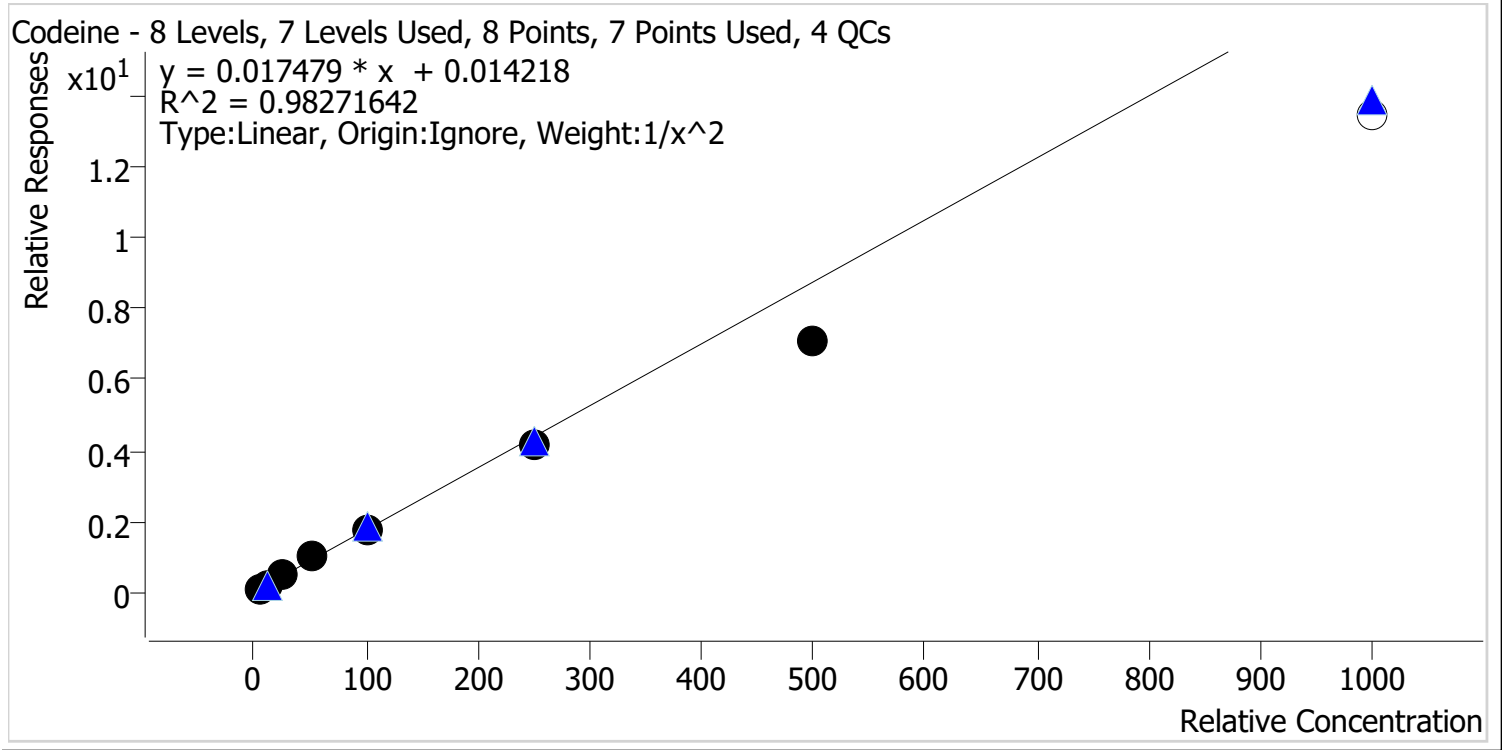


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1026.6	102.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



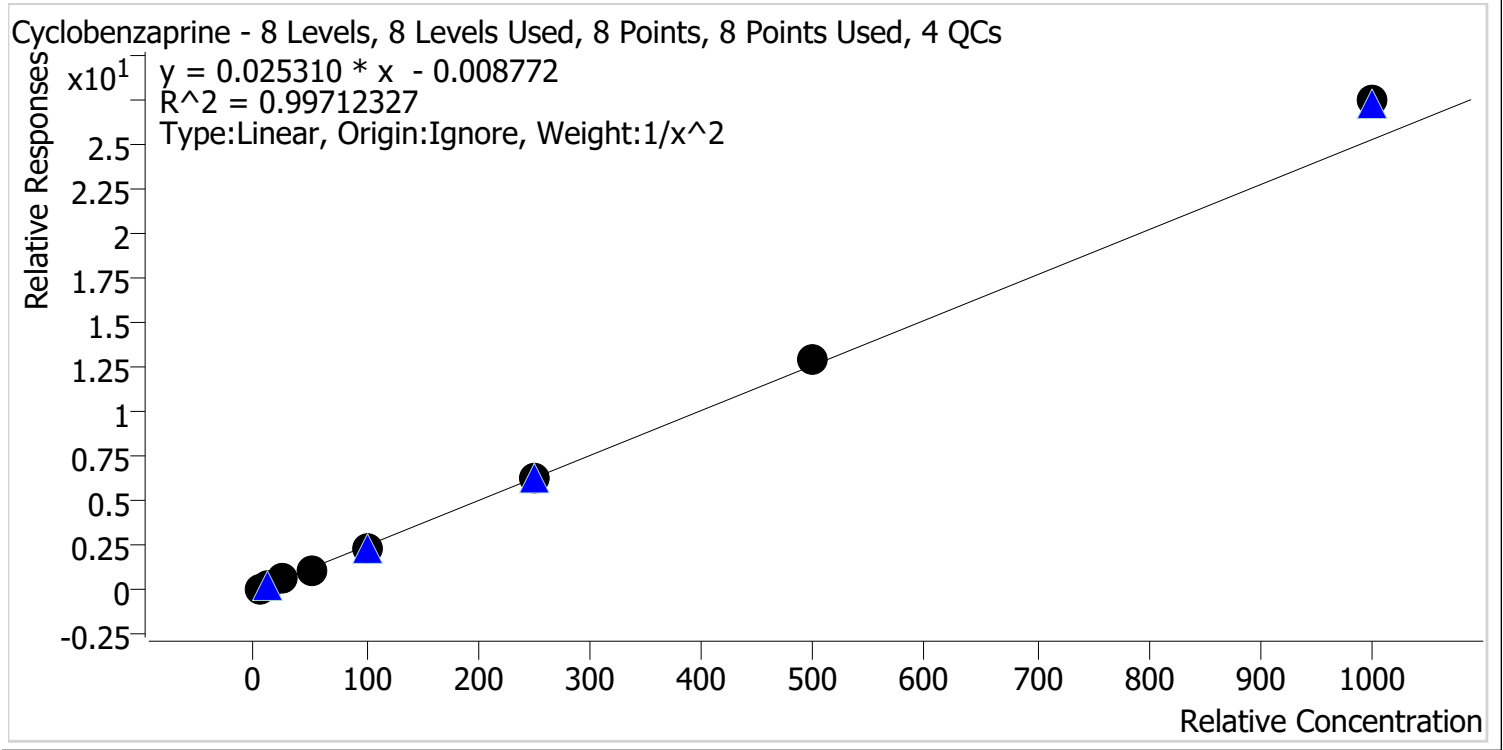
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.7
p1 Cal 4-50ng	4	✓	50.0	56.3	112.5
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
p1 Cal 7-500ng	7	✓	500.0	404.4	80.9
p1 Cal 8-1000ng	8	✗	1000.0	767.8	76.8

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

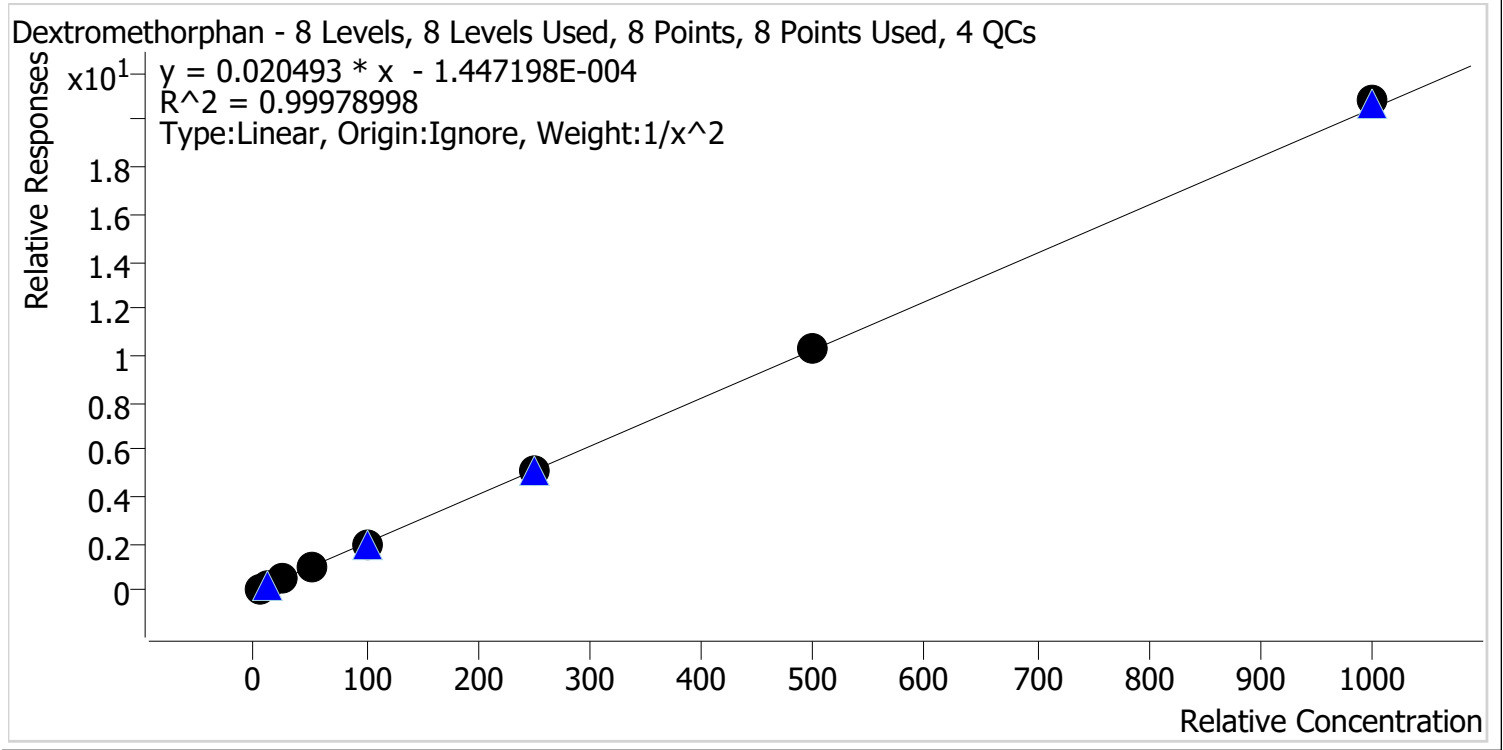


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1086.2	108.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datator
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

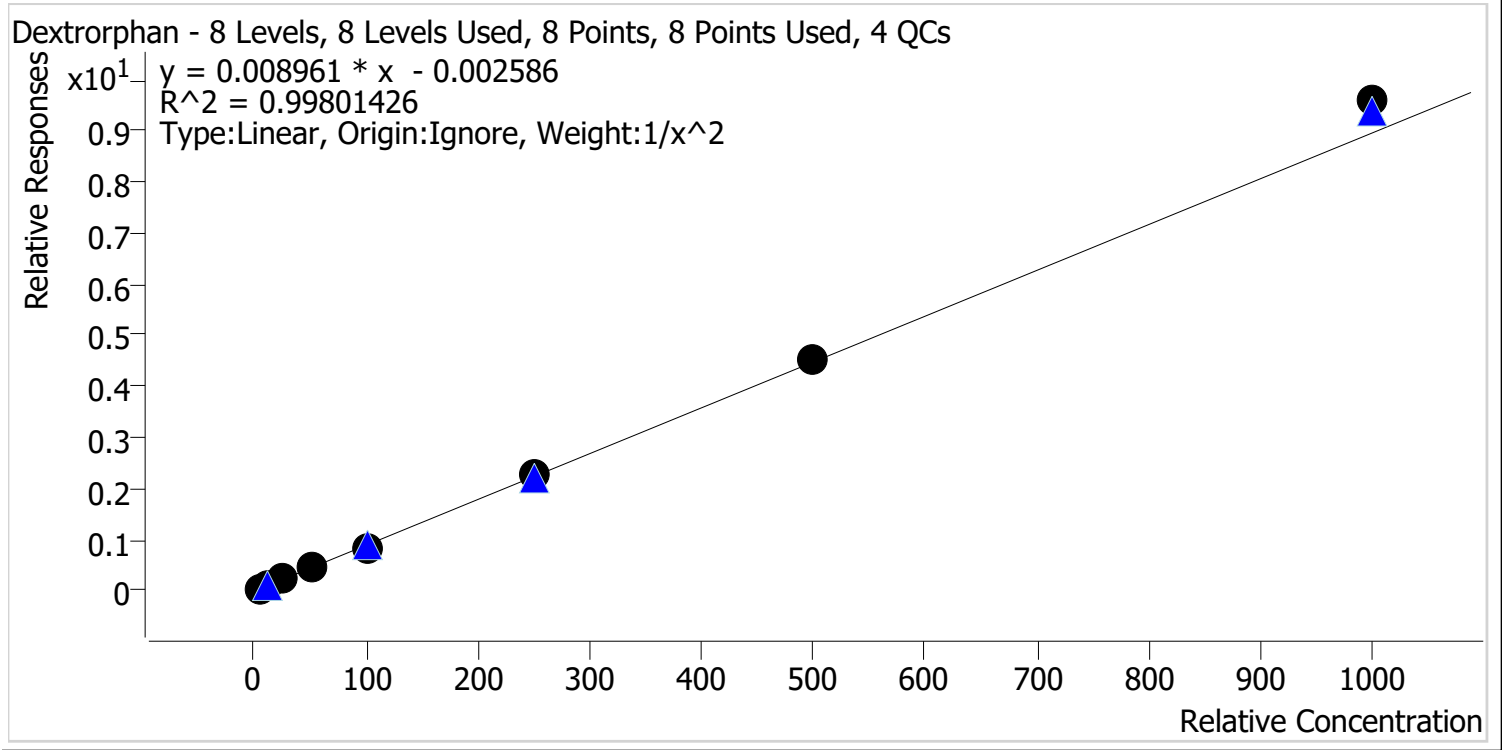


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	505.7	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1016.6	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

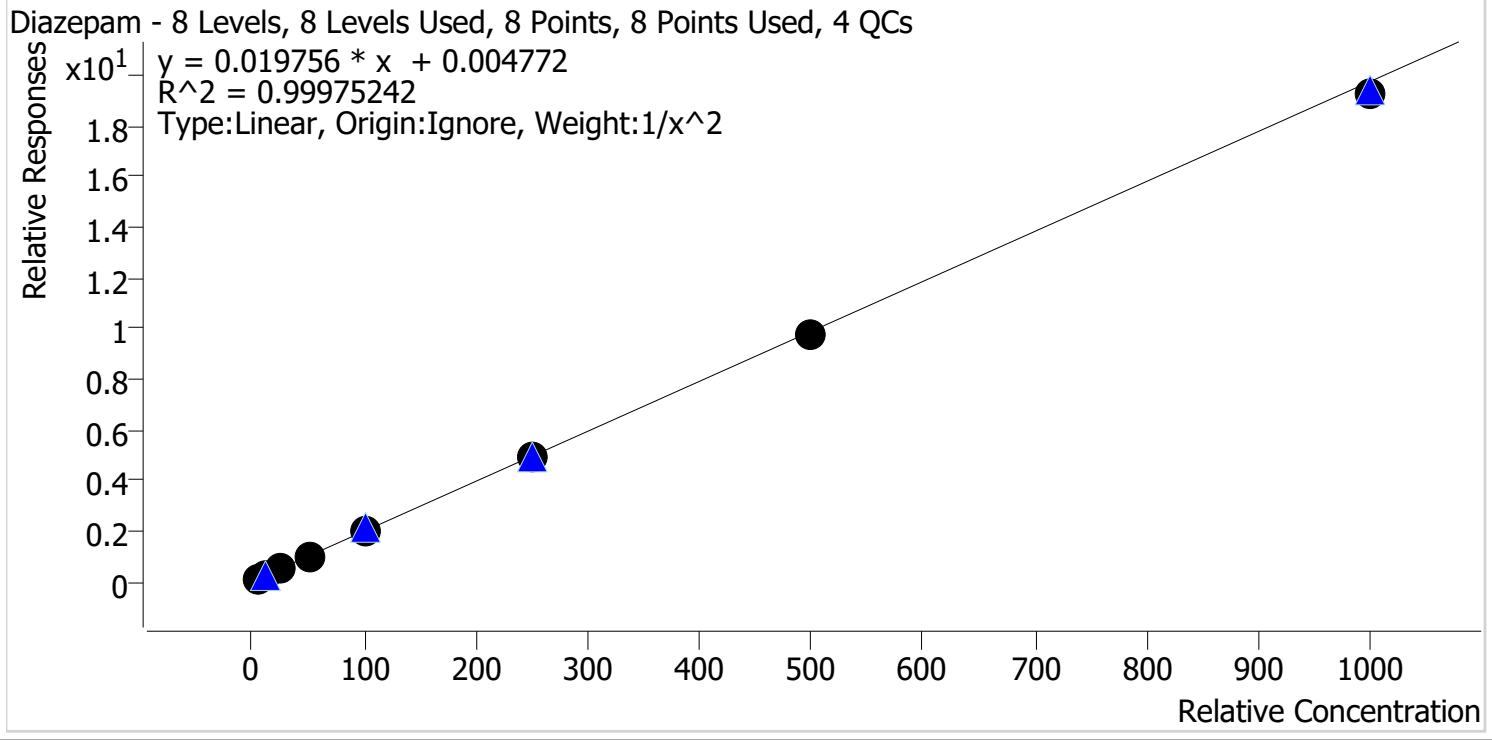


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1070.7	107.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

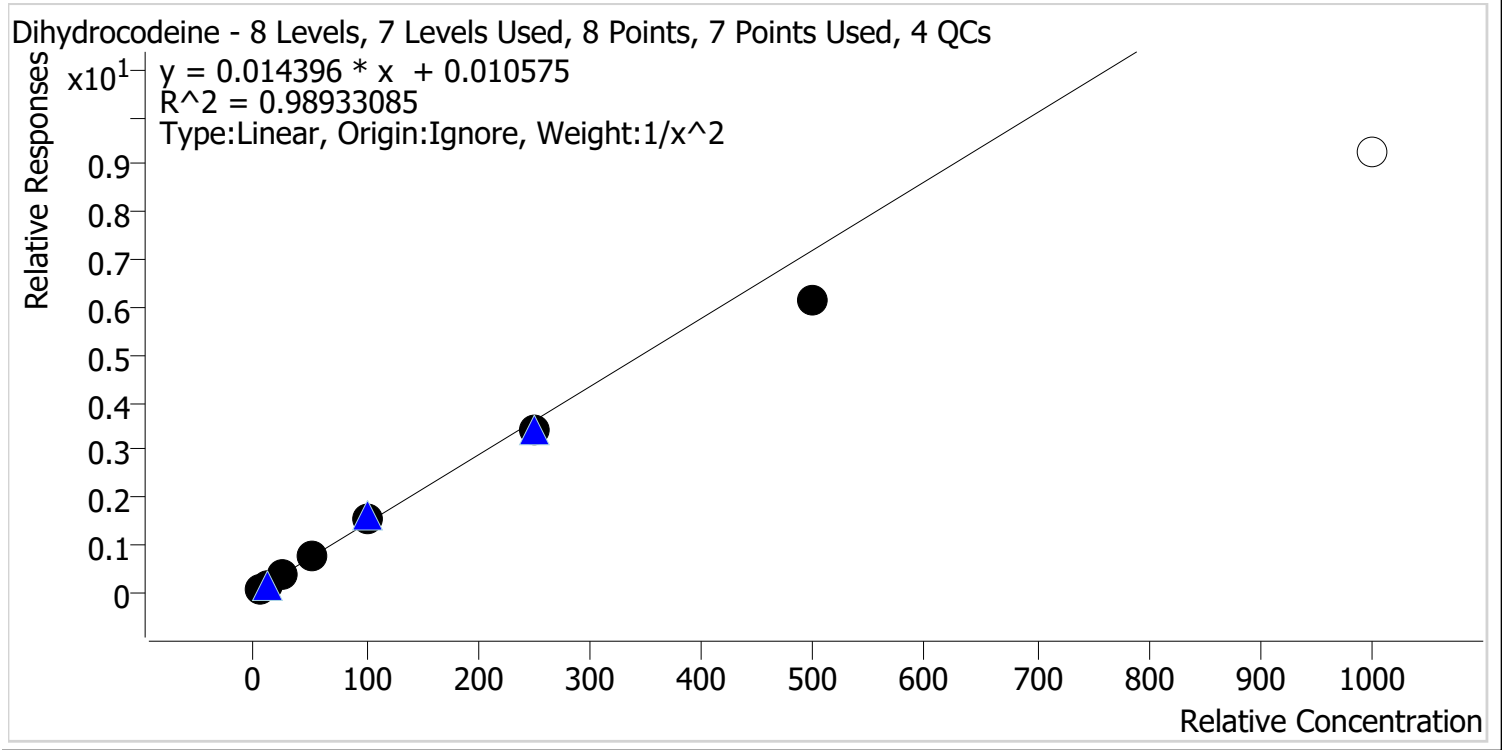


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	975.2	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



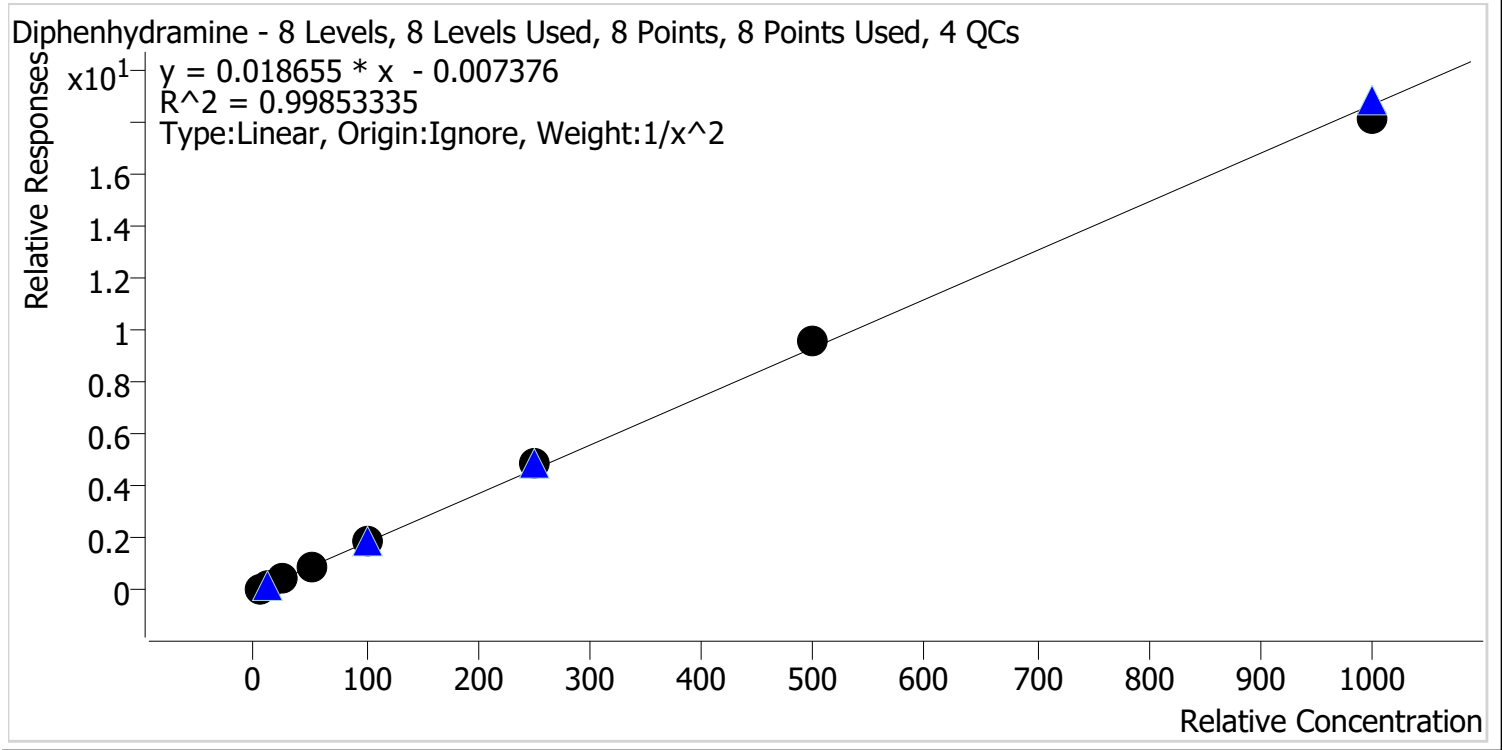
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.6
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	234.9	94.0
p1 Cal 7-500ng	7	✓	500.0	425.3	85.1
p1 Cal 8-1000ng	8	✗	1000.0	644.0	64.4

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

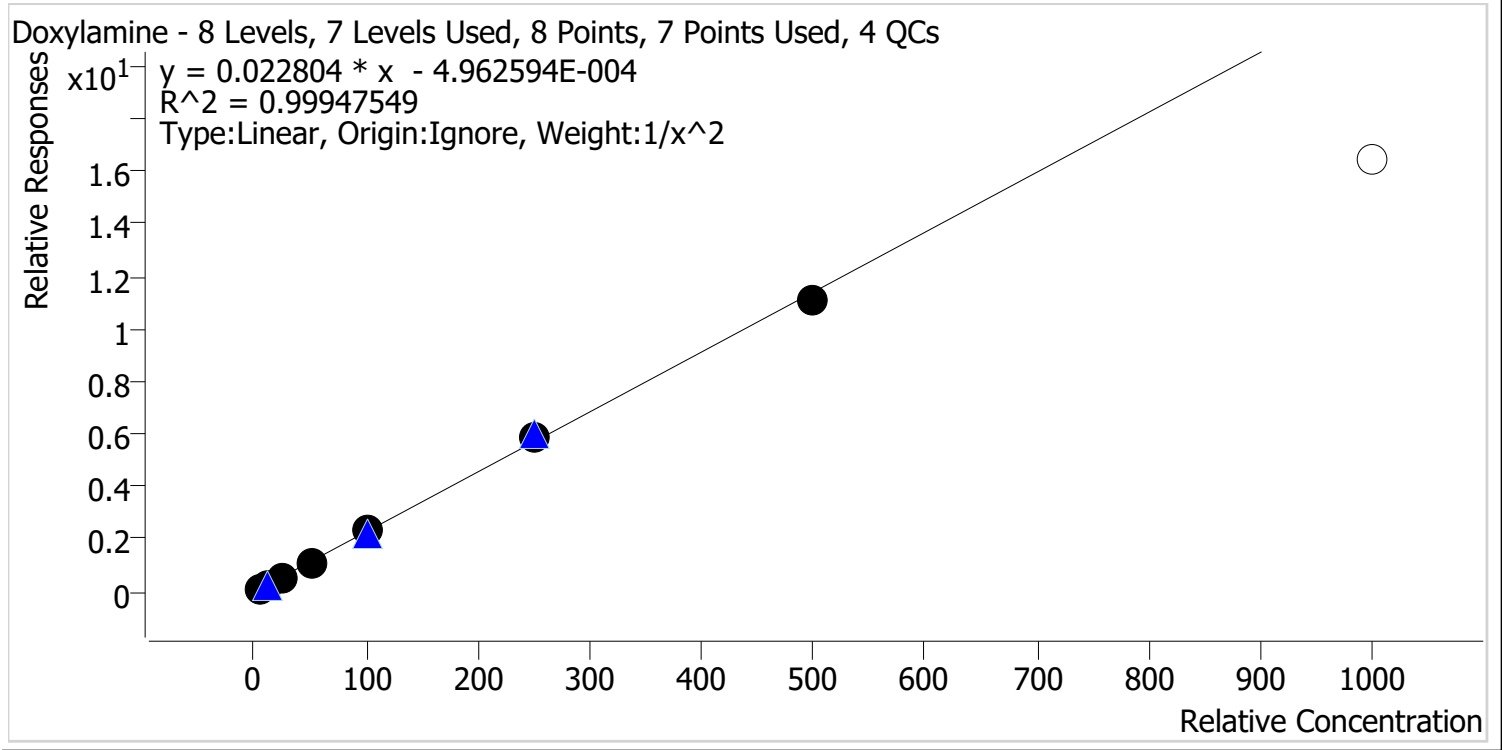


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	263.4	105.4
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	968.1	96.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



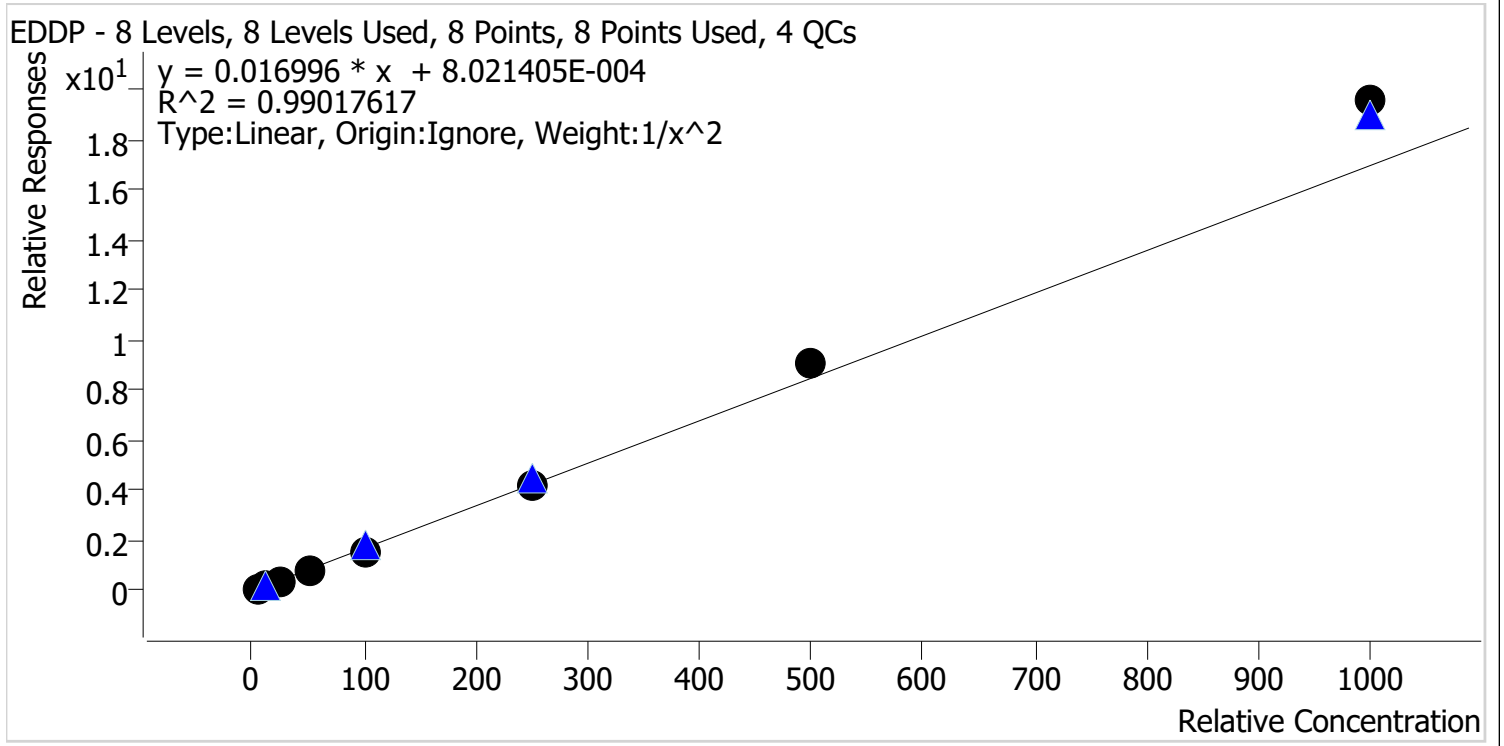
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	485.7	97.1
p1 Cal 8-1000ng	8	✗	1000.0	722.6	72.3

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

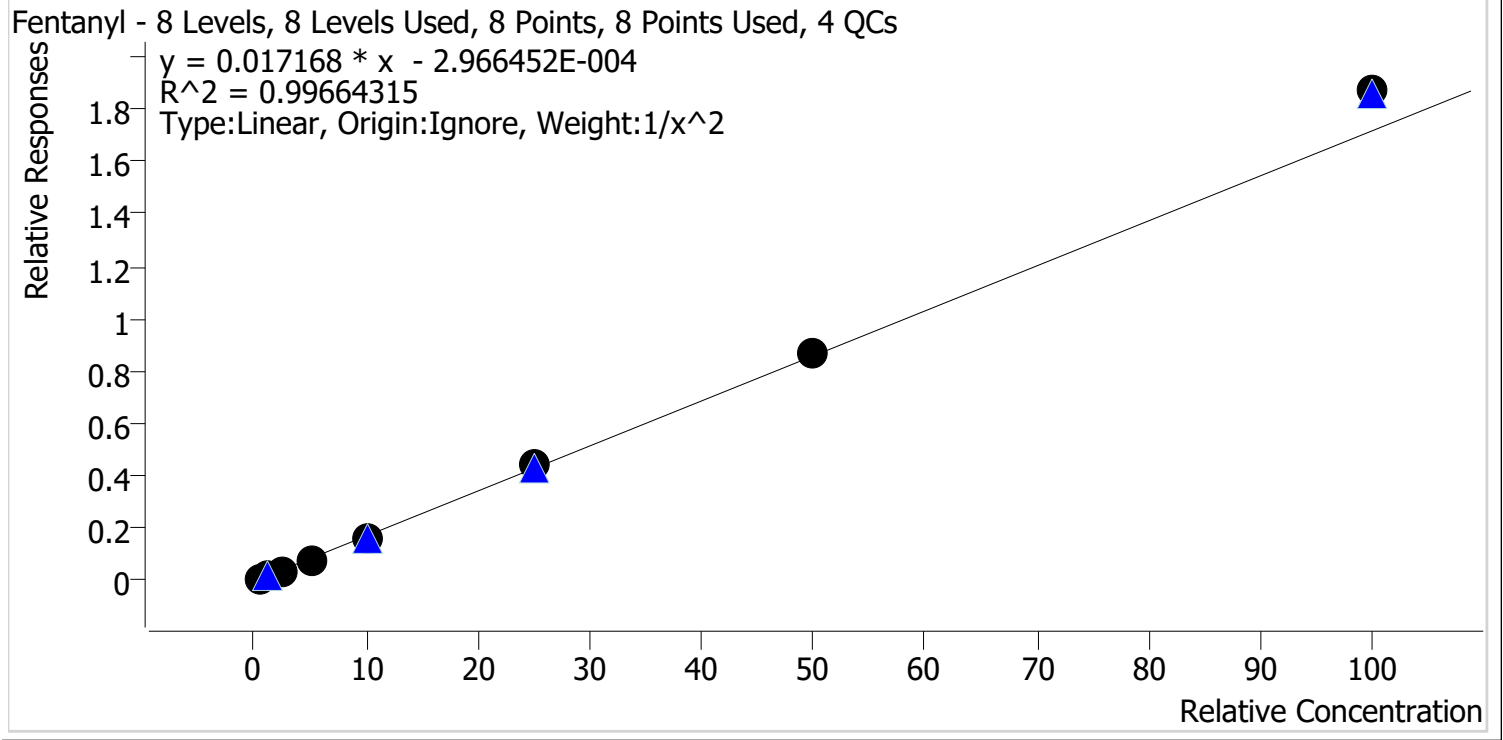


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.1
p1 Cal 4-50ng	4	✓	50.0	45.3	90.5
p1 Cal 5-100ng	5	✓	100.0	92.5	92.5
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	537.9	107.6
p1 Cal 8-1000ng	8	✓	1000.0	1152.7	115.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



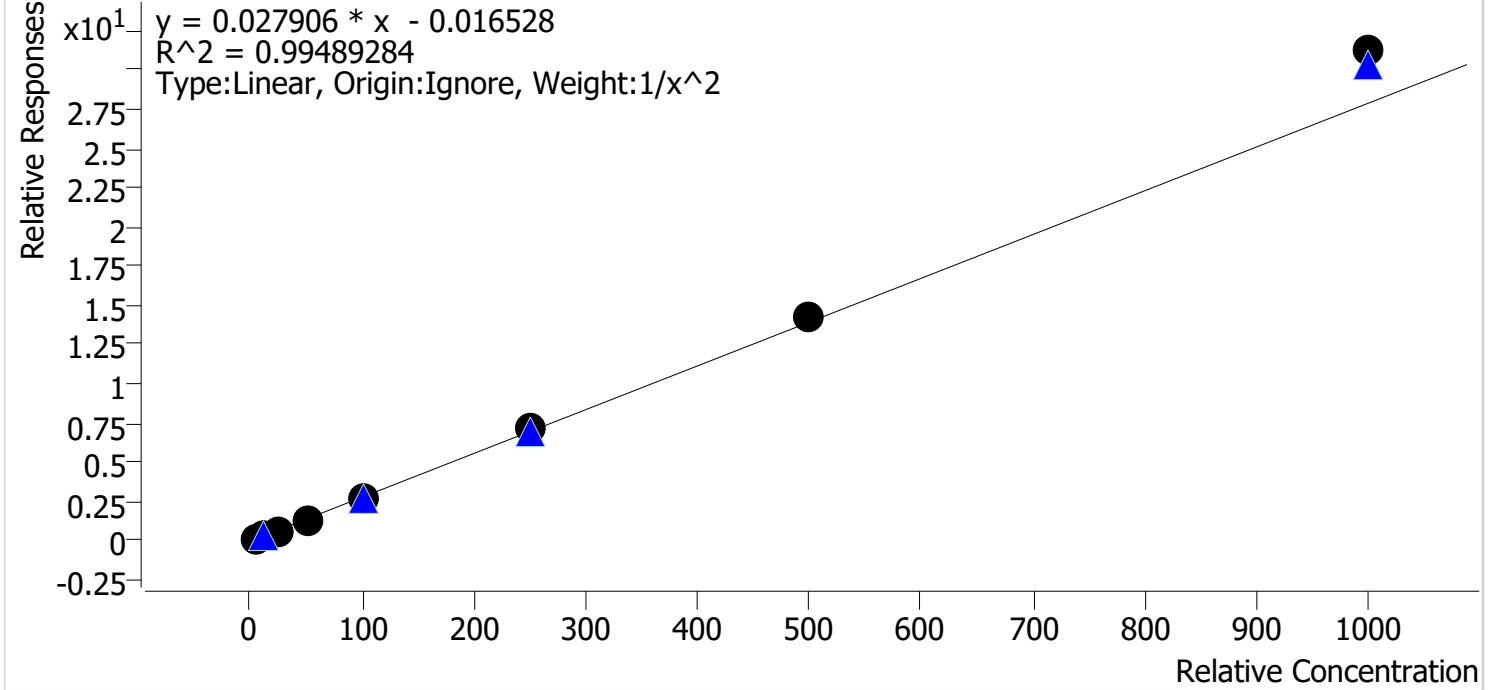
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.1
p1 Cal 5-100ng	5	✓	10.0	9.7	96.5
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	50.9	101.7
p1 Cal 8-1000ng	8	✓	100.0	108.9	108.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



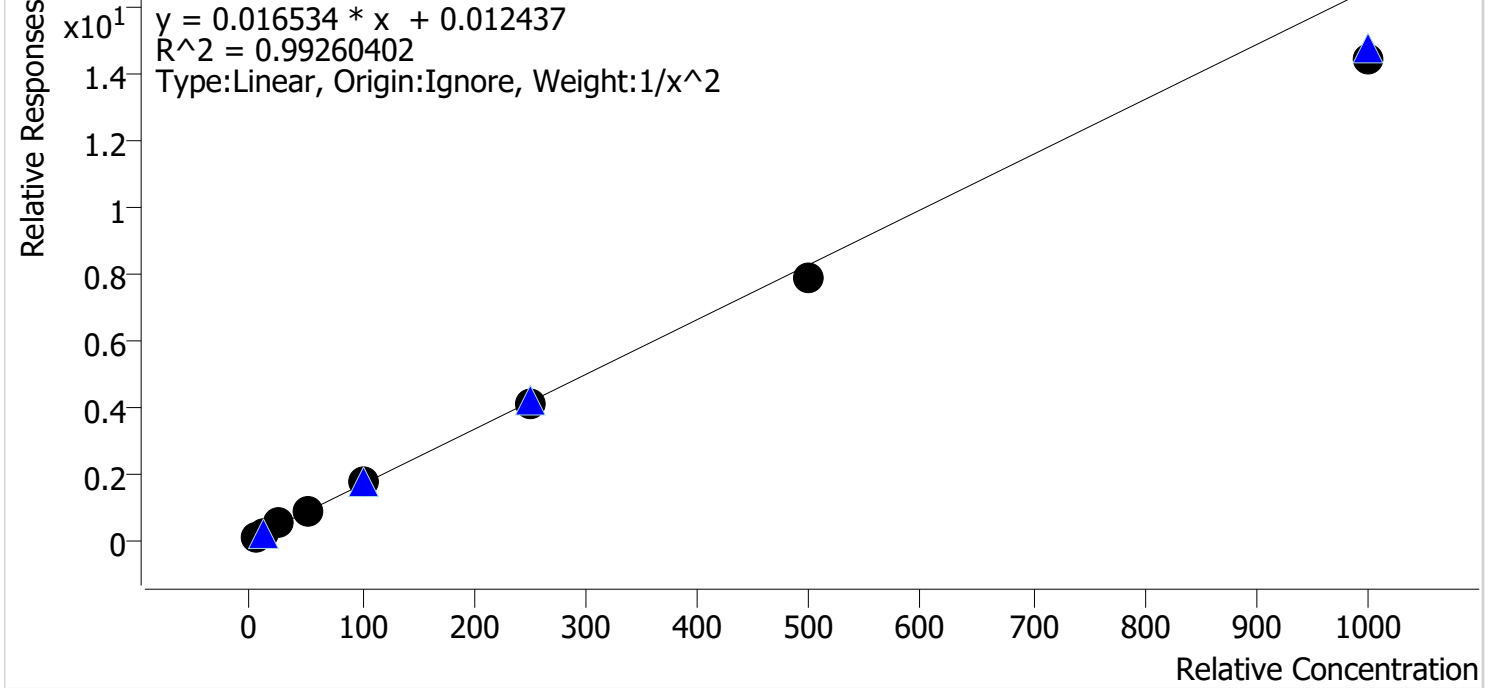
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.8	93.5
p1 Cal 5-100ng	5	✓	100.0	94.4	94.4
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1120.3	112.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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

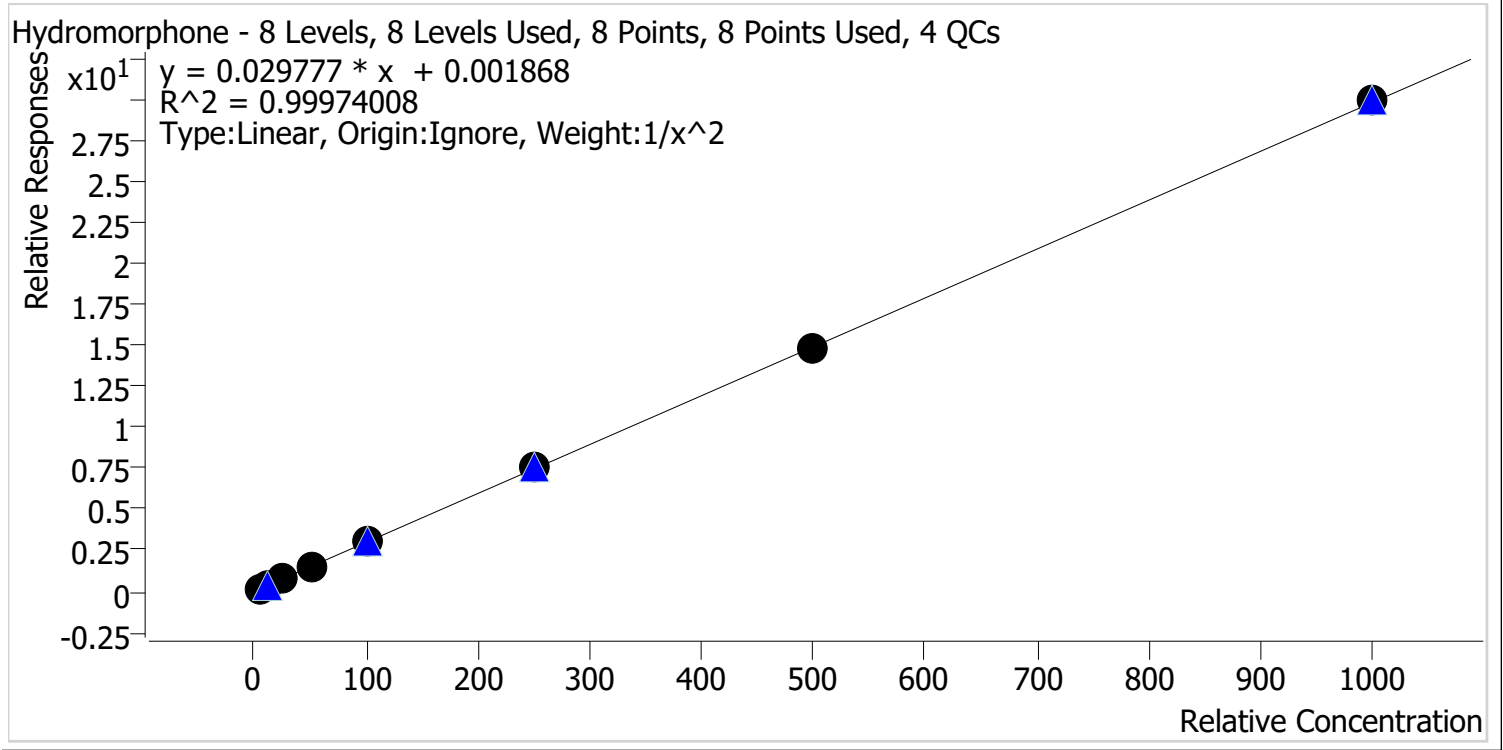


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	472.7	94.5
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\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

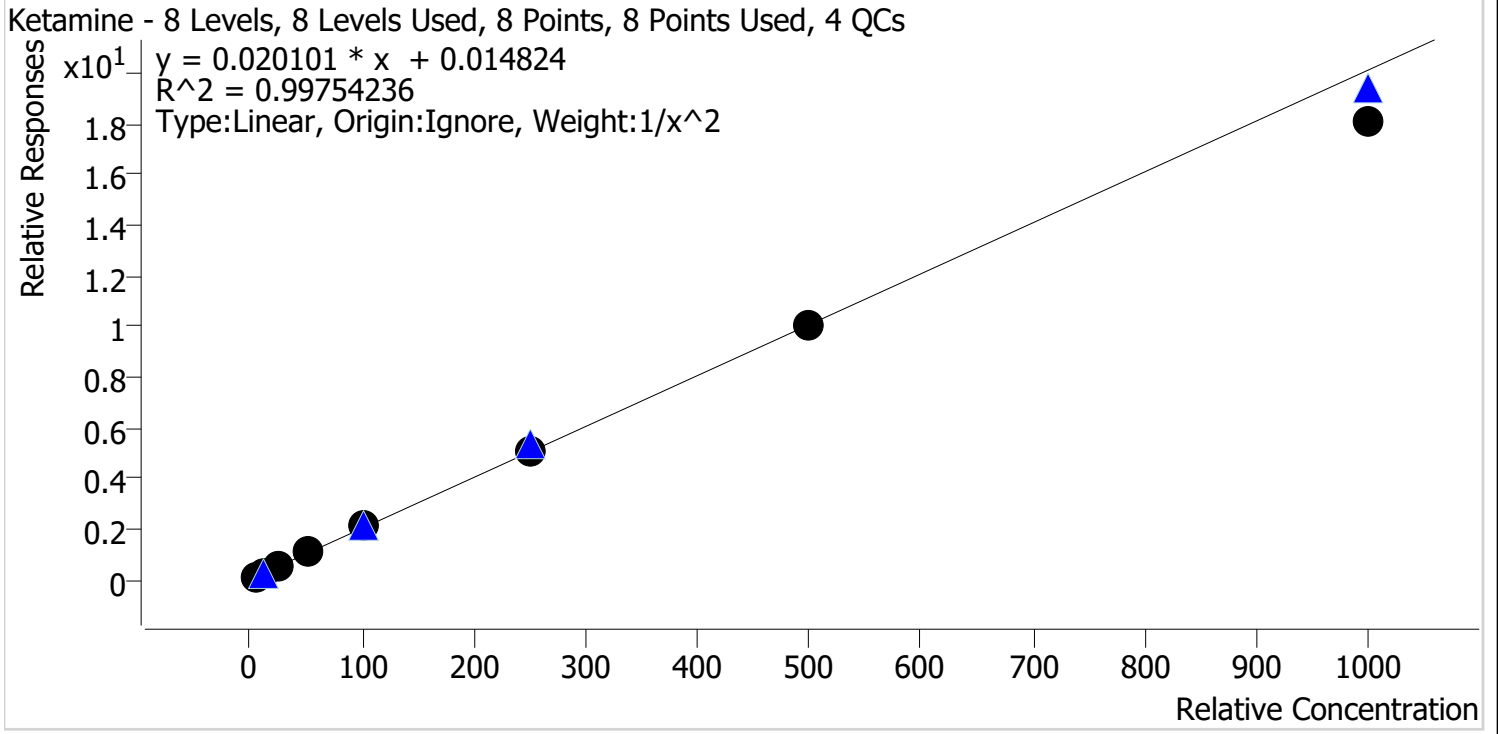


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	499.8	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1004.0	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

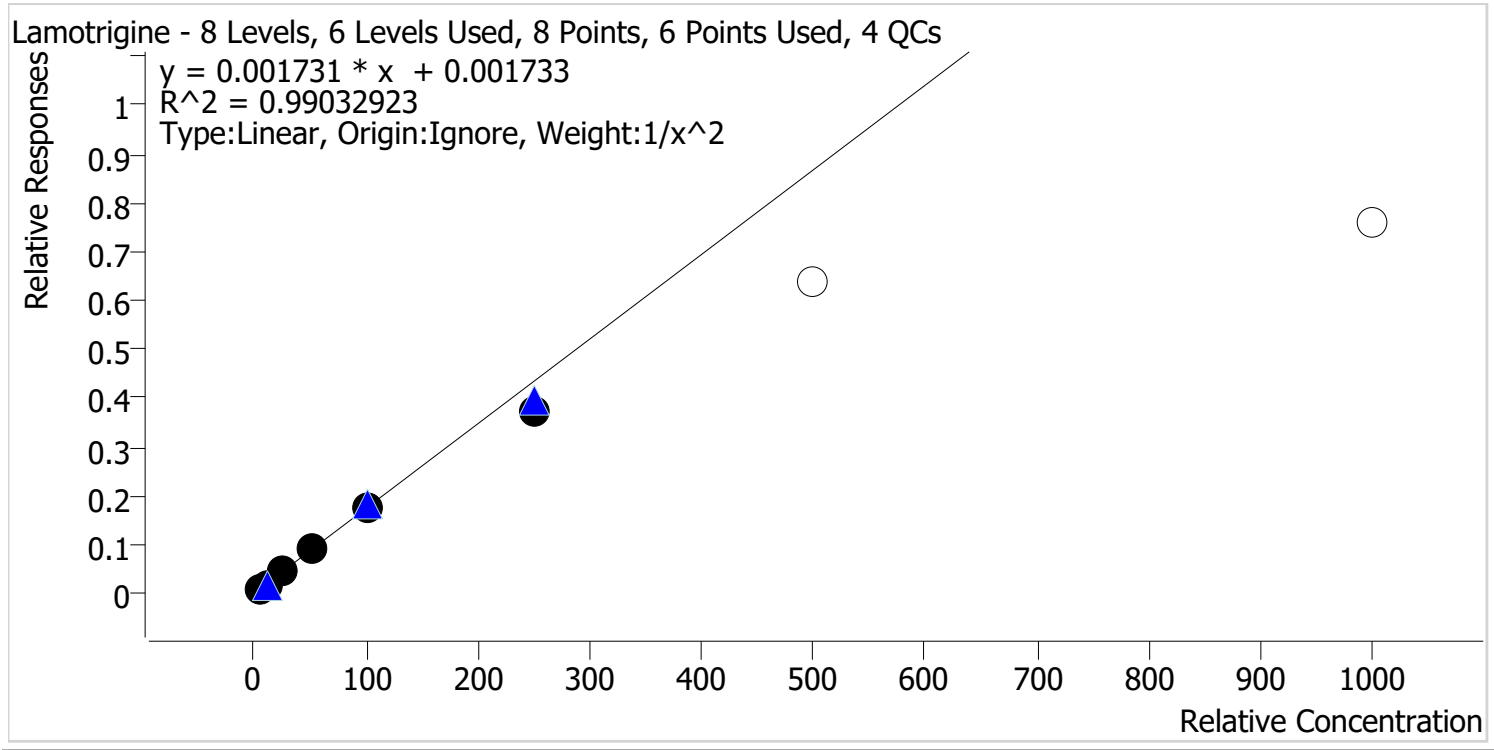


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng	8	✓	1000.0	902.4	90.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



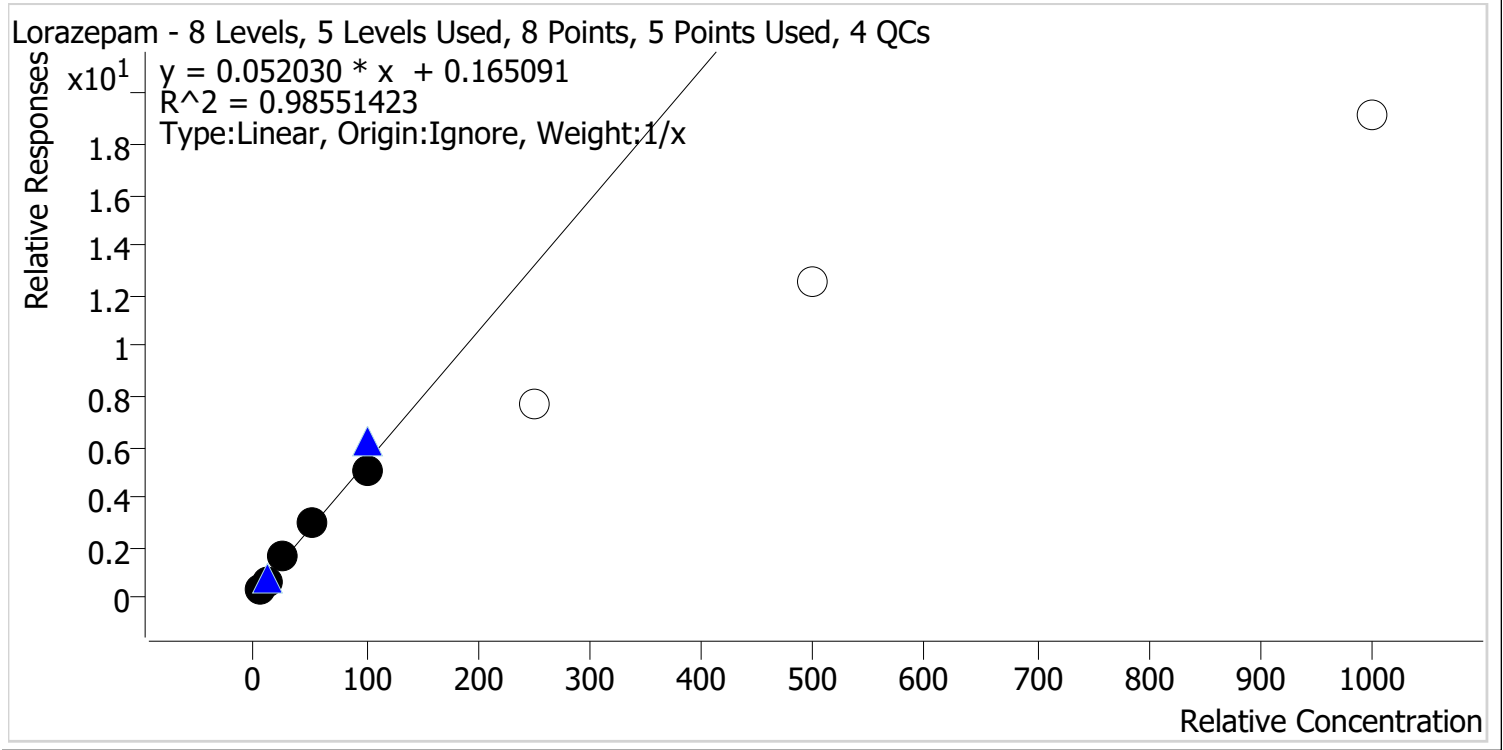
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	213.6	85.5
p1 Cal 7-500ng	7	✗	500.0	368.8	73.8
p1 Cal 8-1000ng	8	✗	1000.0	438.0	43.8

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.9	78.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	29.3	117.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✗	250.0	144.9	58.0
p1 Cal 7-500ng	7	✗	500.0	239.1	47.8
p1 Cal 8-1000ng	8	✗	1000.0	365.2	36.5

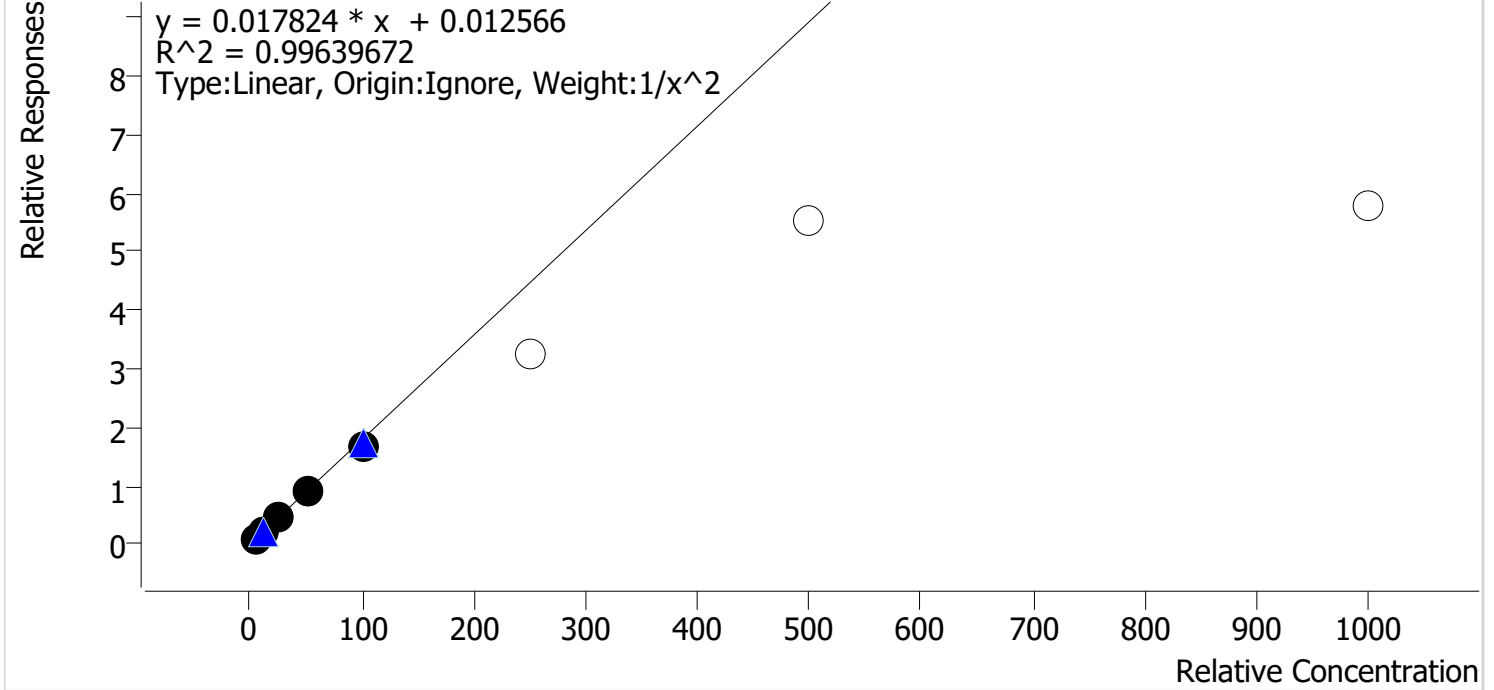
Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✗	250.0	183.3	73.3
p1 Cal 7-500ng	7	✗	500.0	310.2	62.0
p1 Cal 8-1000ng	8	✗	1000.0	323.8	32.4

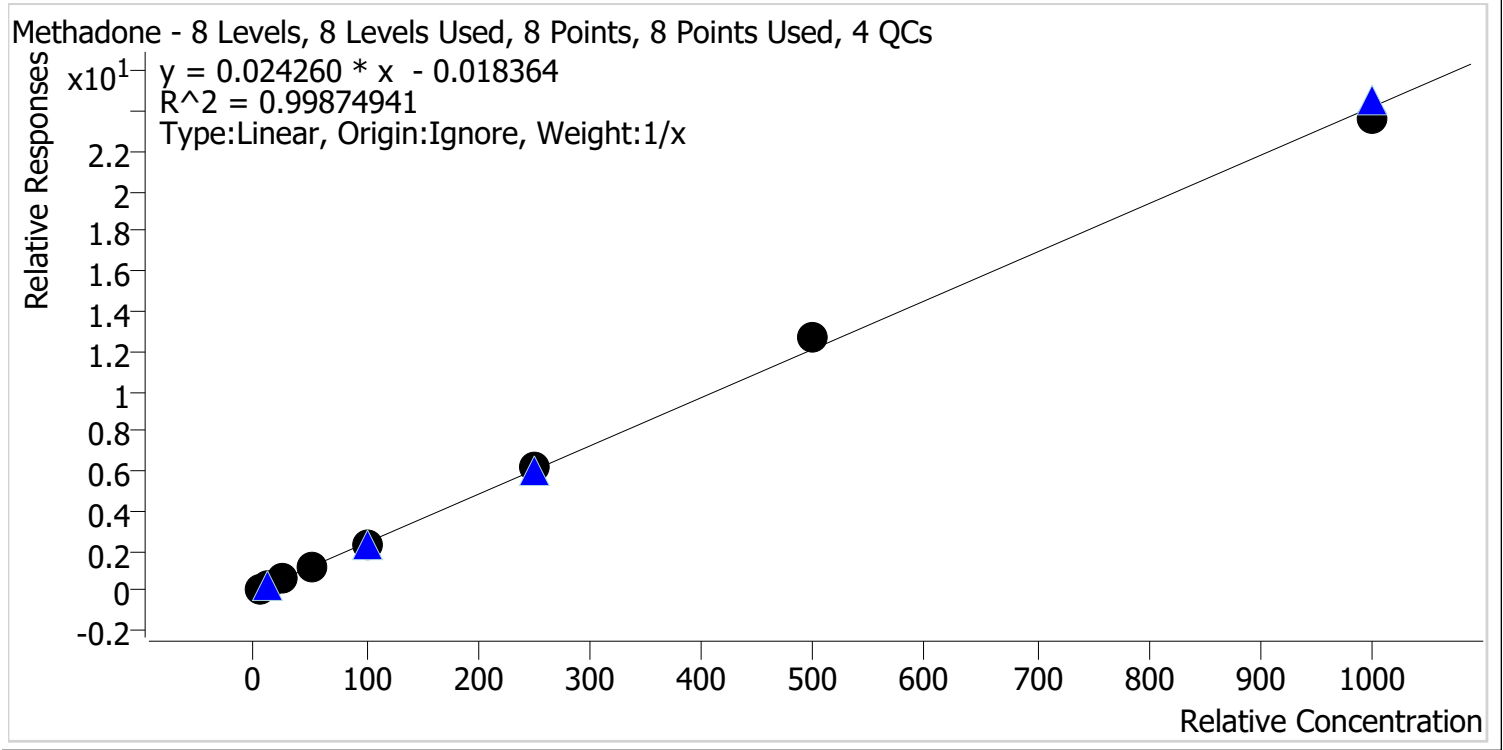
Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

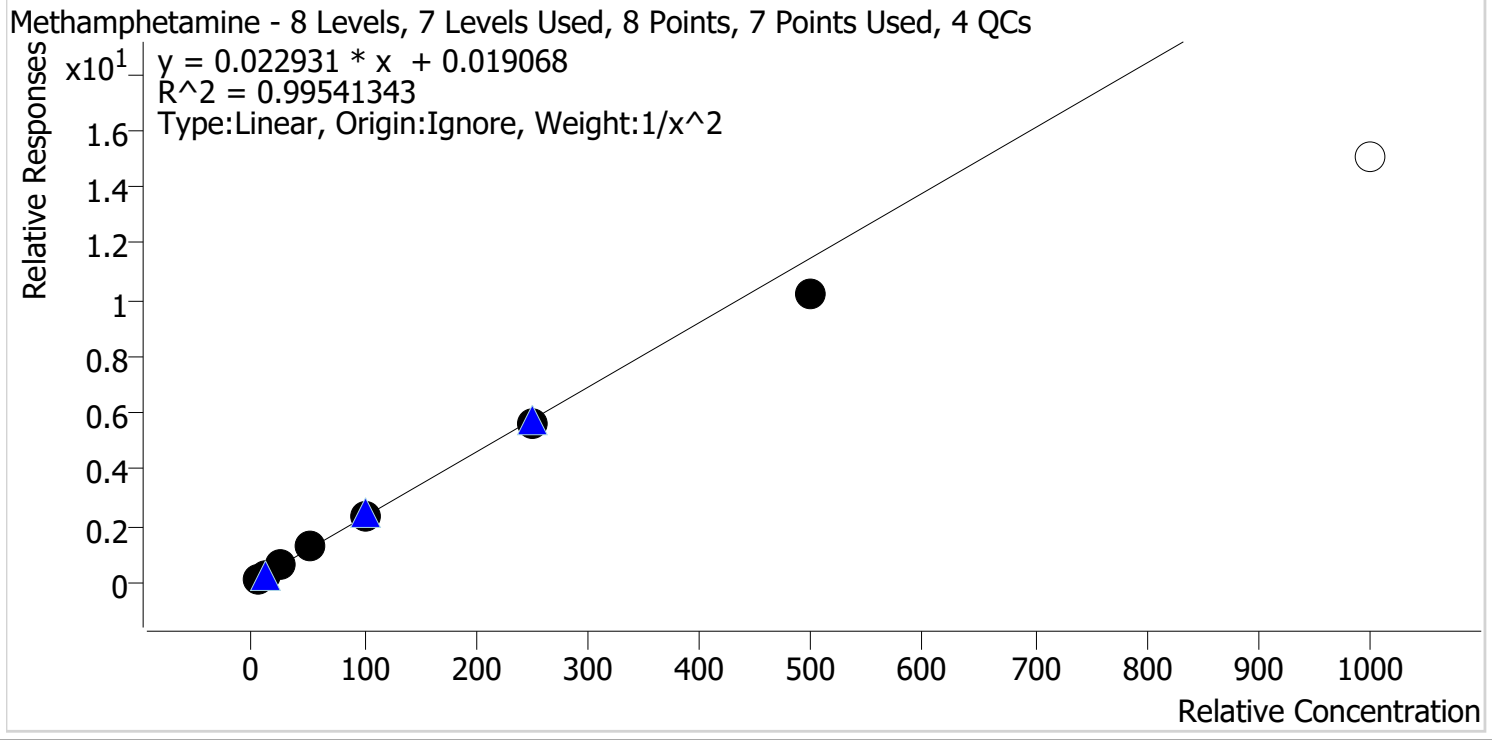


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	975.7	97.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



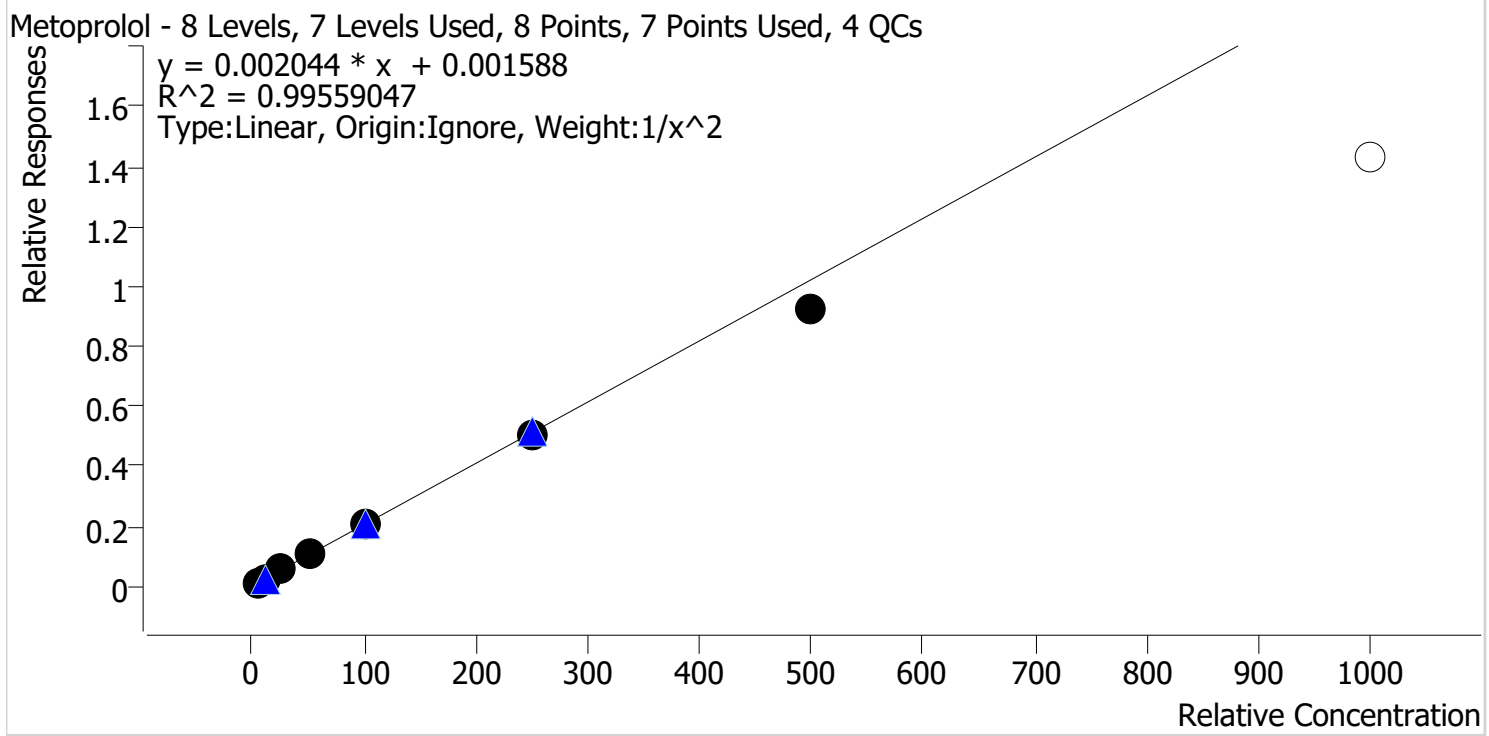
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	446.8	89.4
p1 Cal 8-1000ng	8	✗	1000.0	653.9	65.4

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



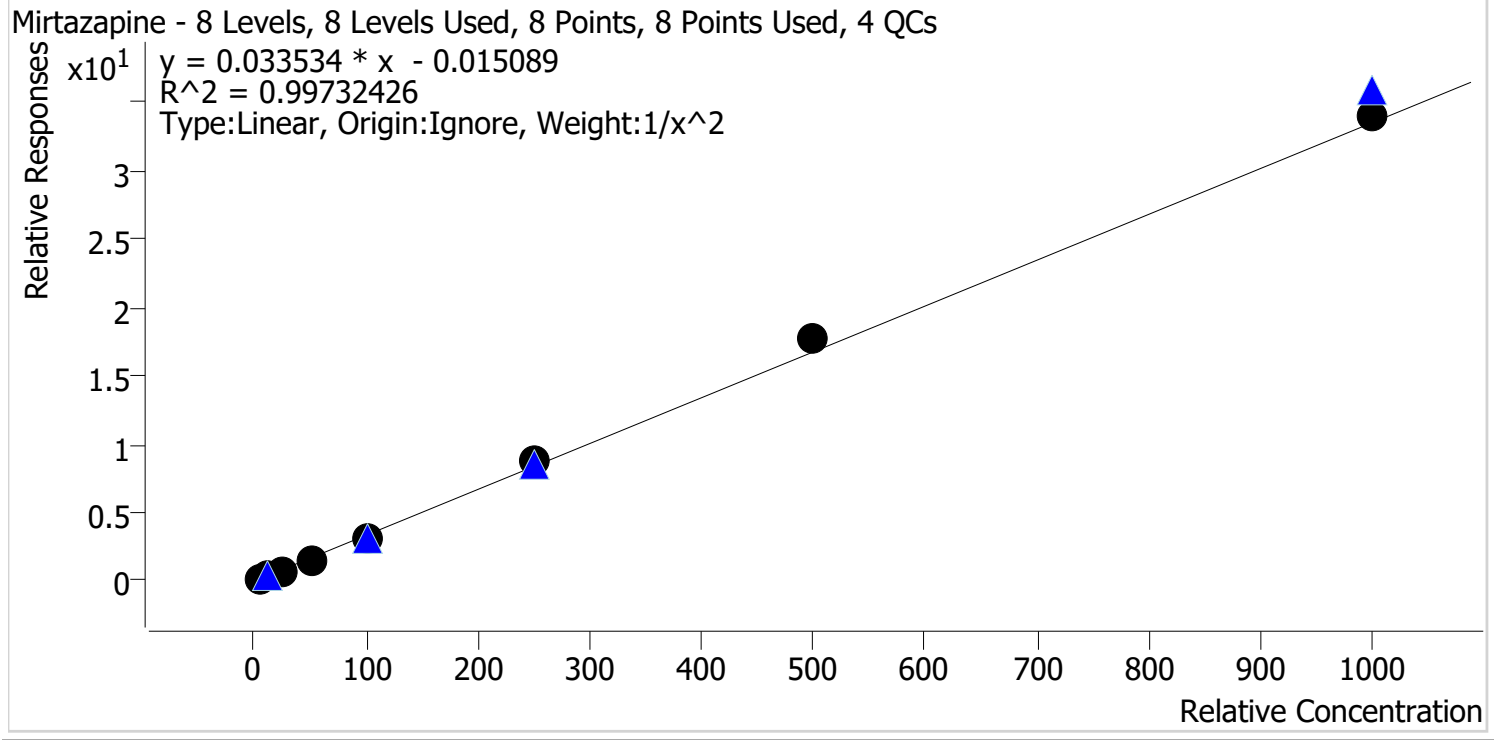
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	449.5	89.9
p1 Cal 8-1000ng	8	✗	1000.0	703.2	70.3

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

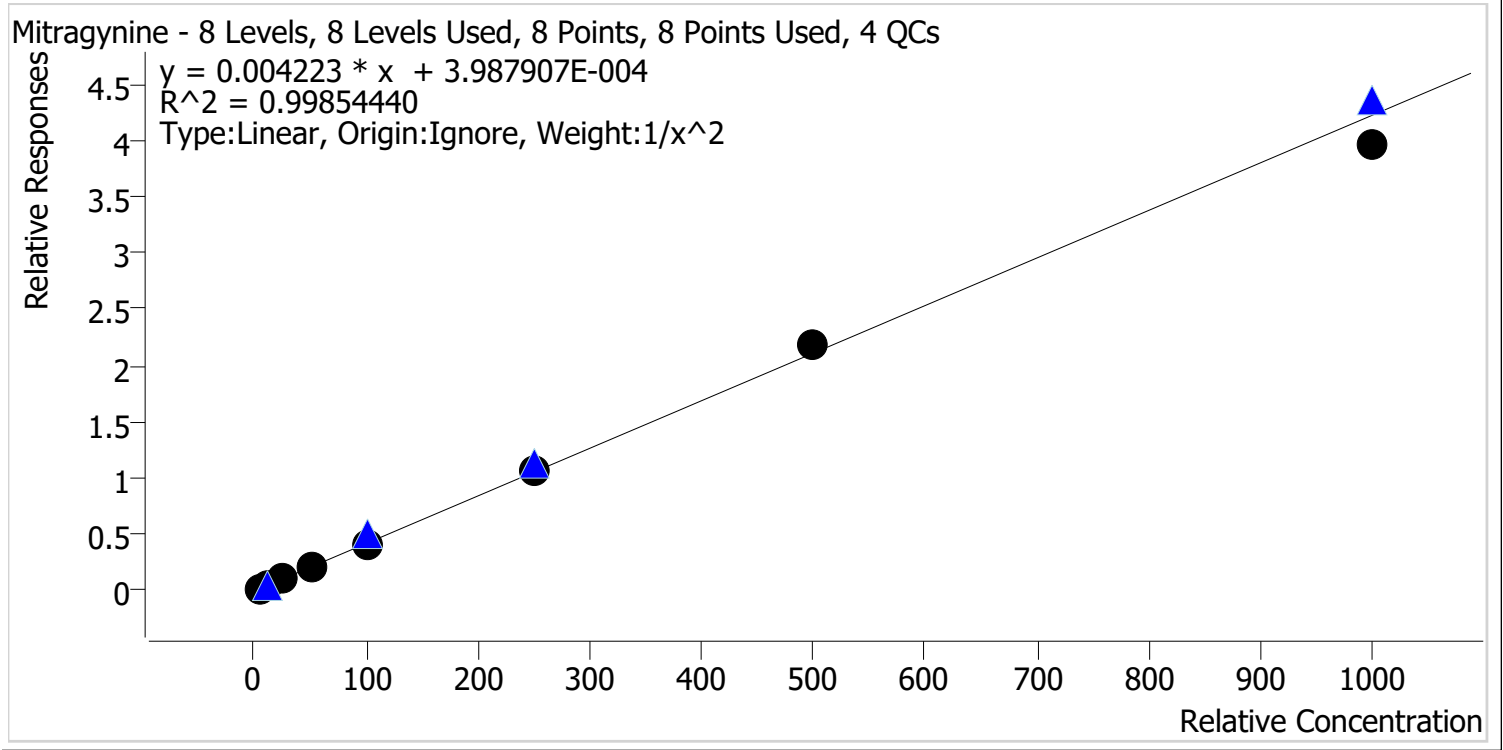


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	264.9	105.9
p1 Cal 7-500ng	7	✓	500.0	527.5	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1018.3	101.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

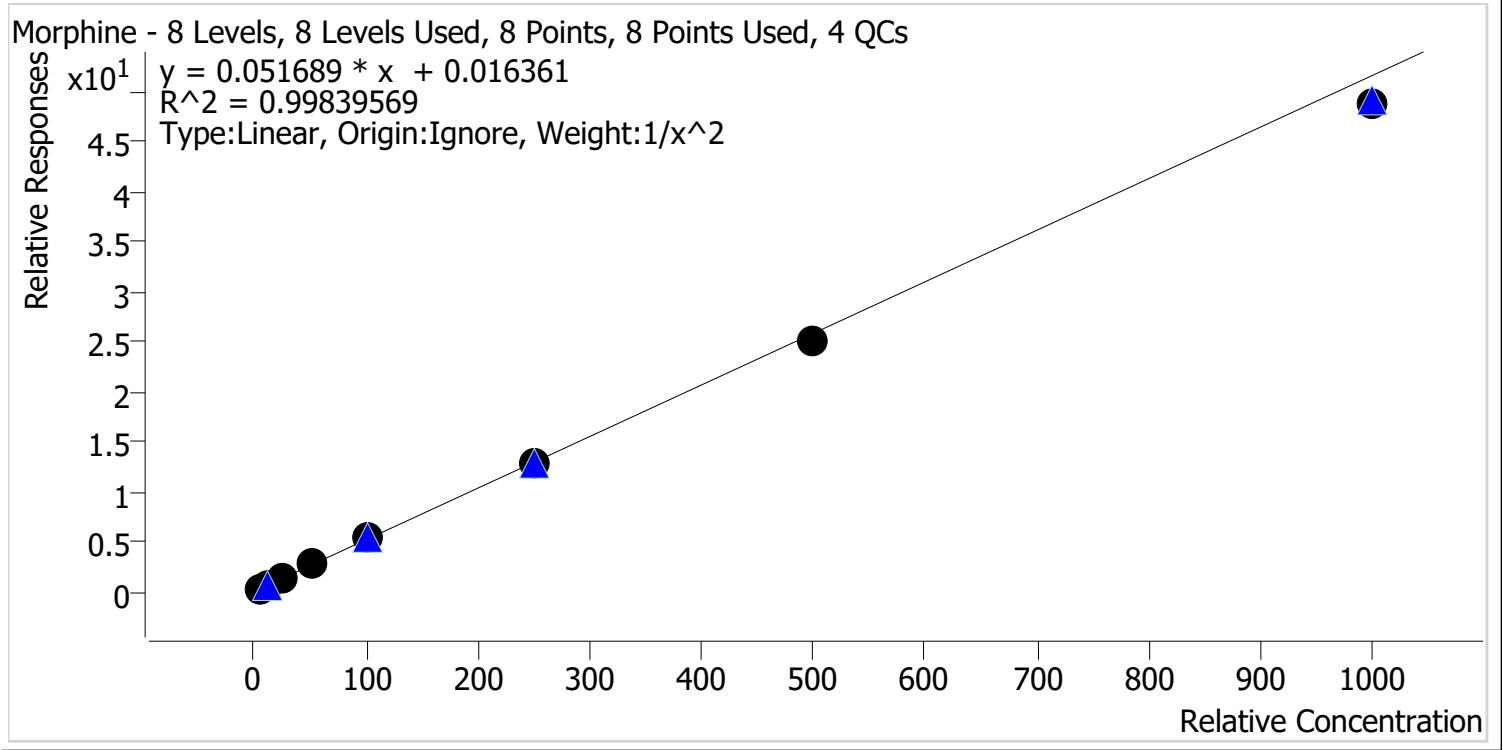


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	941.3	94.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



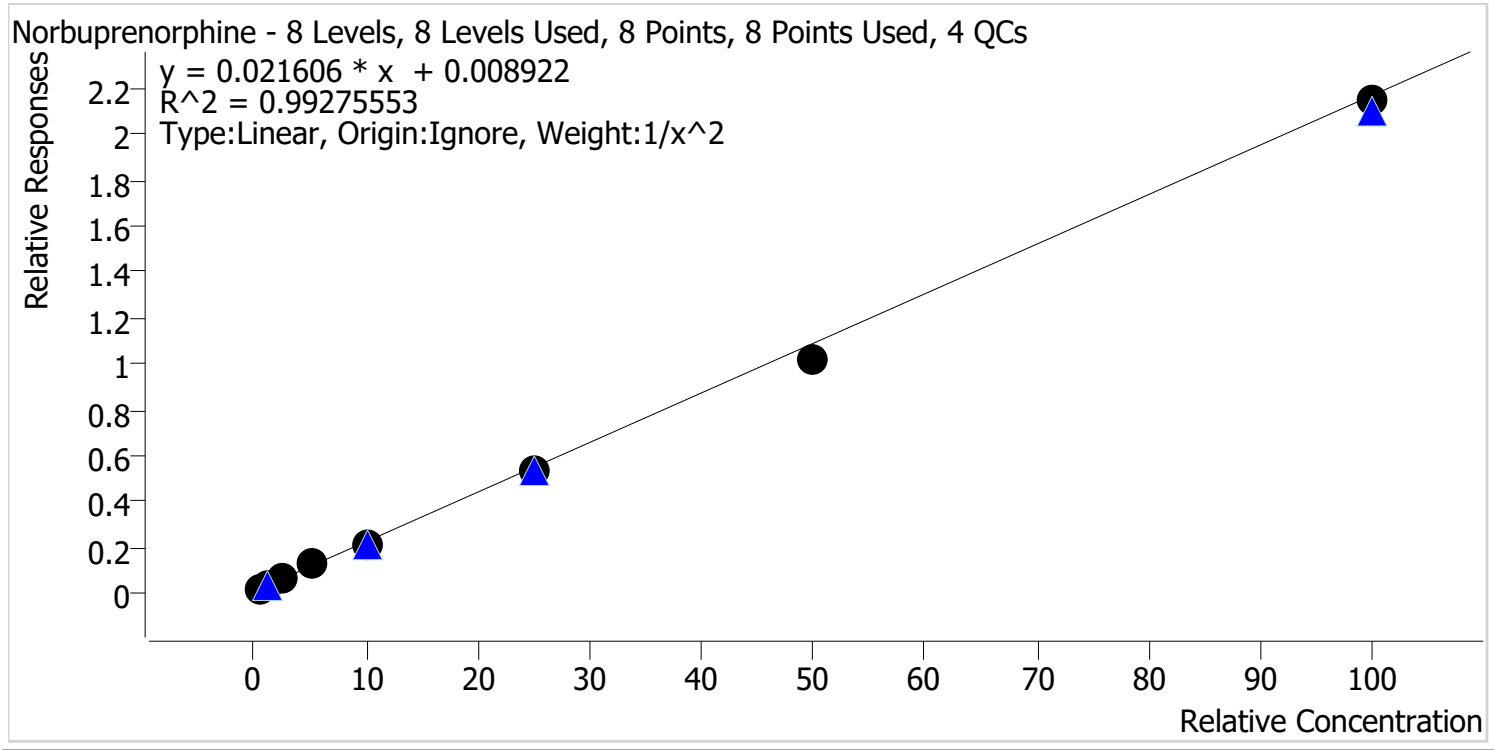
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	487.0	97.4
p1 Cal 8-1000ng	8	✓	1000.0	946.8	94.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



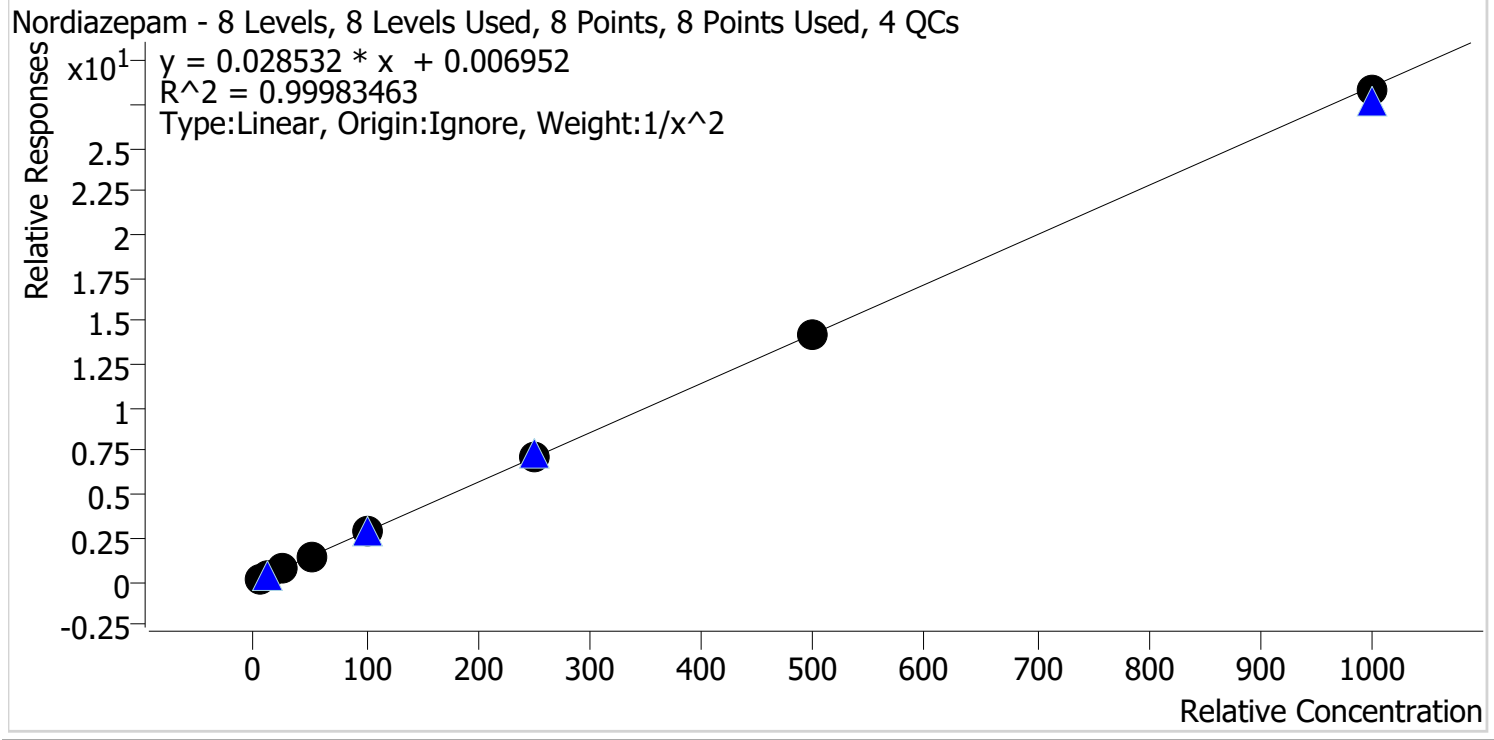
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.4
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.0
p1 Cal 4-50ng	4	✓	5.0	5.9	117.7
p1 Cal 5-100ng	5	✓	10.0	9.7	96.9
p1 Cal 6-250ng	6	✓	25.0	24.1	96.3
p1 Cal 7-500ng	7	✓	50.0	47.1	94.1
p1 Cal 8-1000ng	8	✓	100.0	99.0	99.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

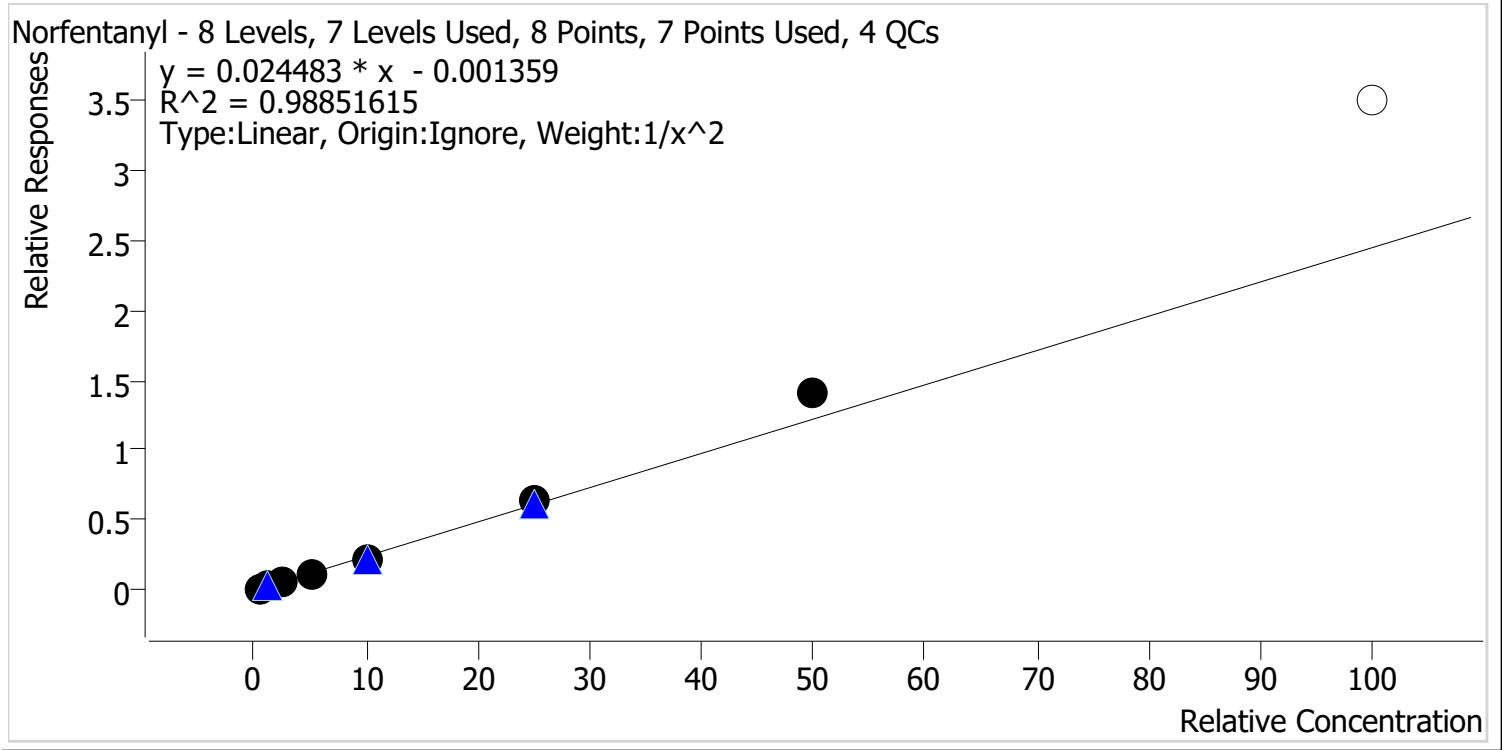


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	991.8	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2-10ng	2	✓	1.0	1.0	96.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	90.7
p1 Cal 4-50ng	4	✓	5.0	4.6	92.5
p1 Cal 5-100ng	5	✓	10.0	9.4	94.4
p1 Cal 6-250ng	6	✓	25.0	26.5	105.9
p1 Cal 7-500ng	7	✓	50.0	57.9	115.9
p1 Cal 8-1000ng	8	✗	100.0	142.9	142.9

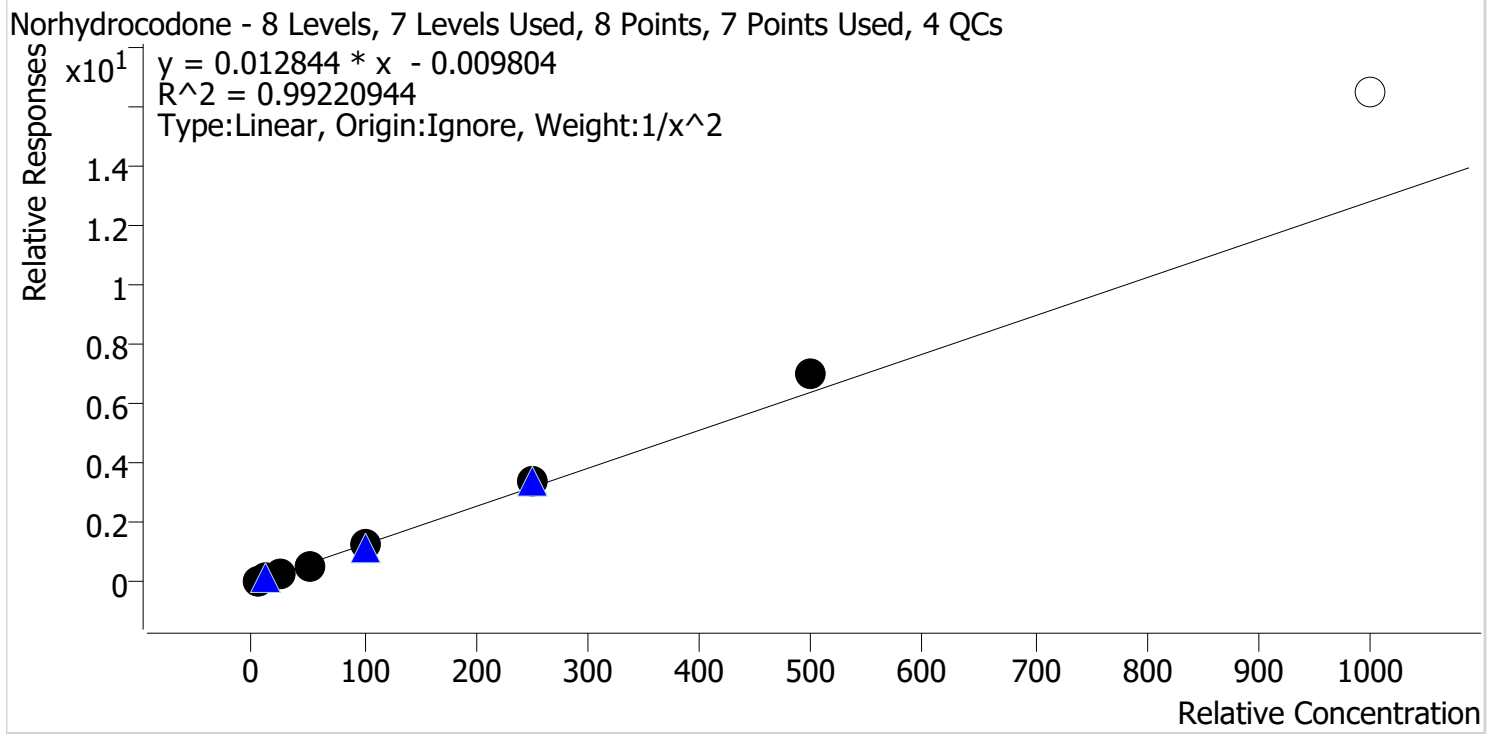
Calibrator 8 dropped due to not meeting accuracy requirement.

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



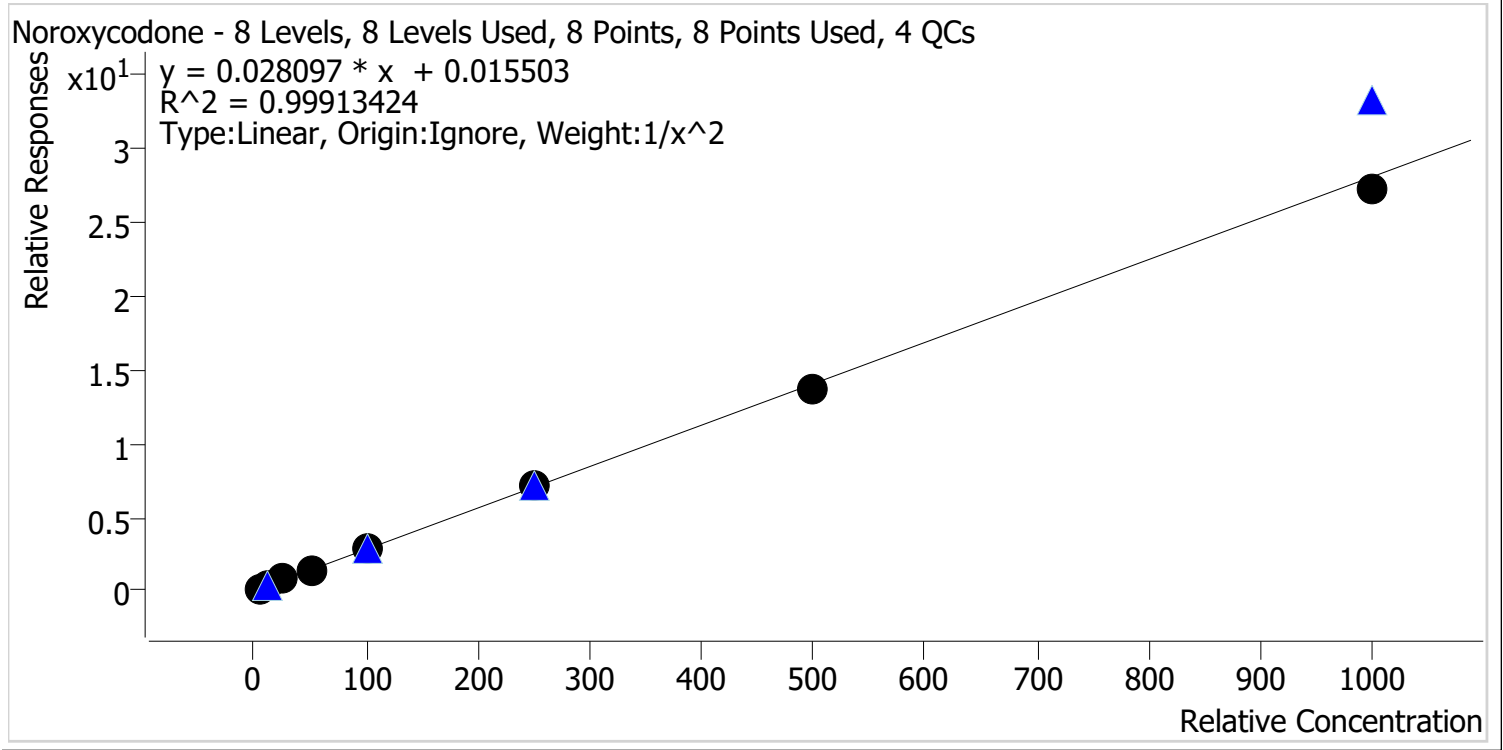
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.2
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.6
p1 Cal 4-50ng	4	✓	50.0	46.8	93.6
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	267.9	107.1
p1 Cal 7-500ng	7	✓	500.0	551.9	110.4
p1 Cal 8-1000ng	8	✗	1000.0	1285.7	128.6

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

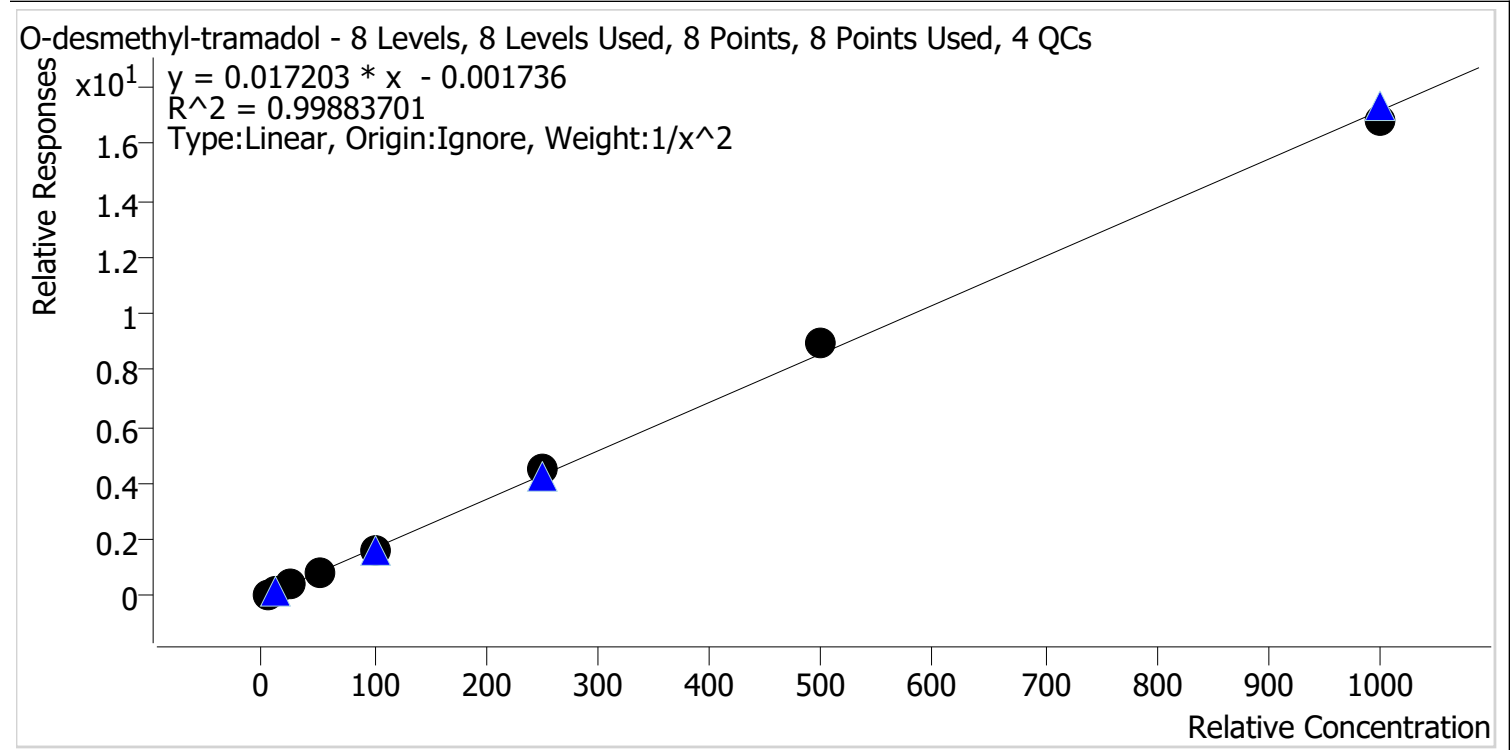


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	✓	1000.0	967.6	96.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

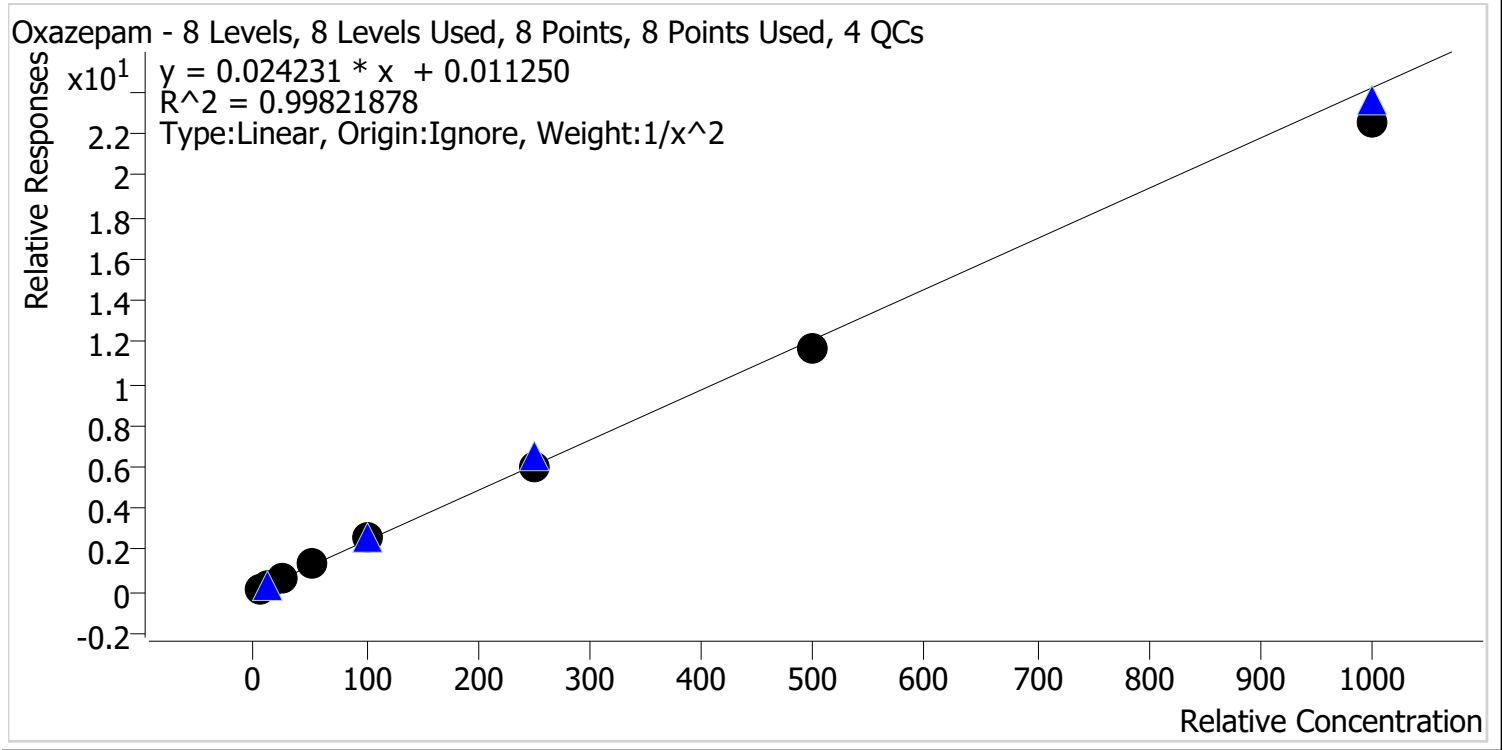


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	523.5	104.7
p1 Cal 8-1000ng	8	✓	1000.0	983.1	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



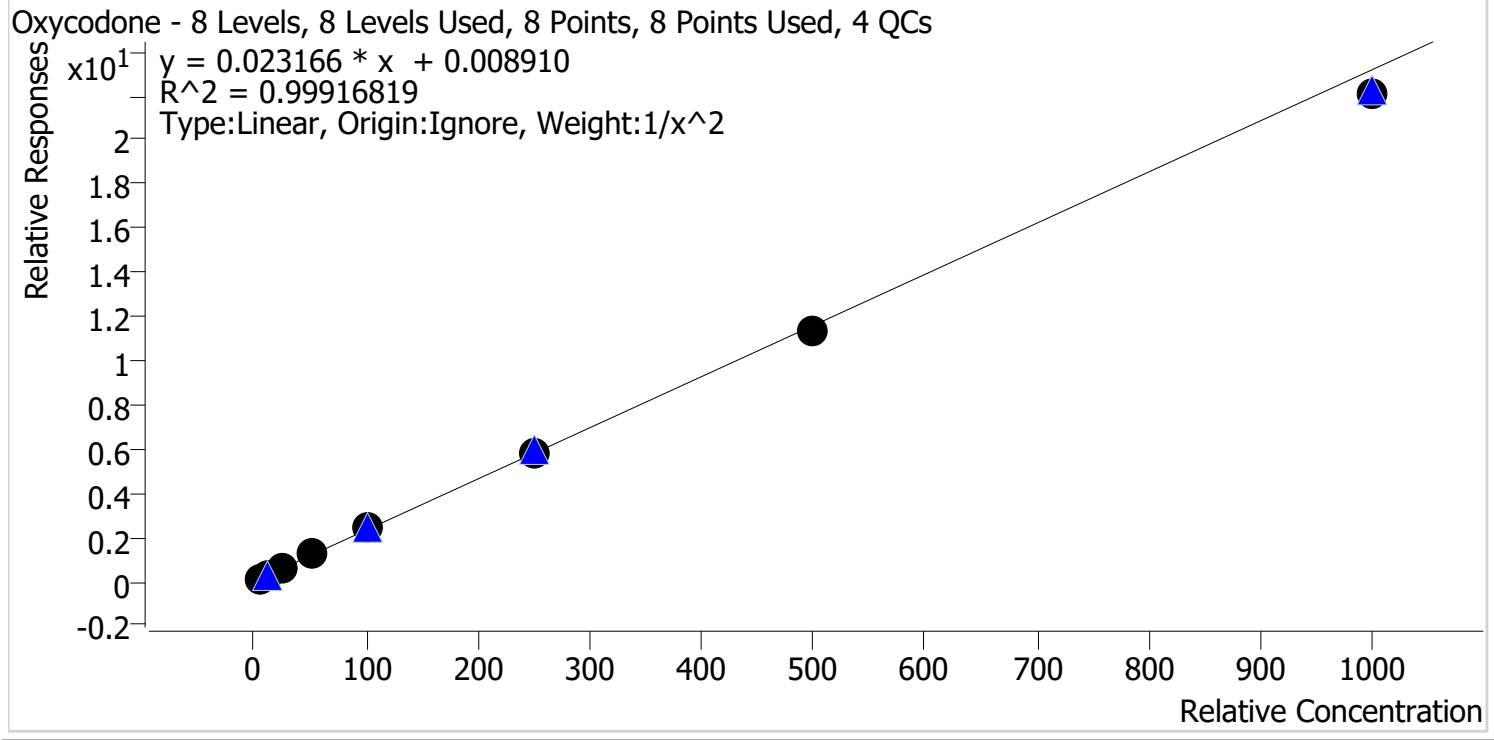
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	484.7	96.9
p1 Cal 8-1000ng	8	✓	1000.0	933.4	93.3

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

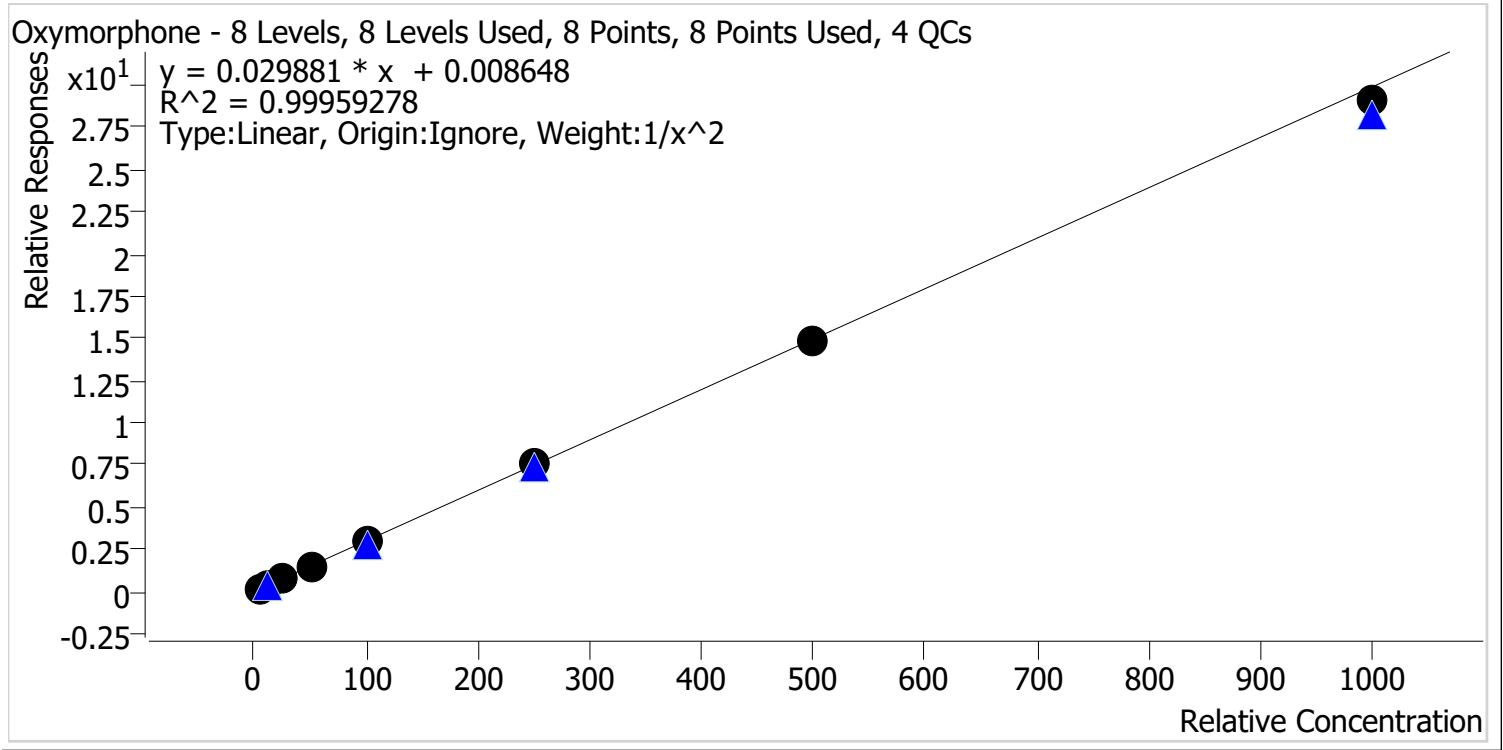


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
p1 Cal 8-1000ng	8	✓	1000.0	949.8	95.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

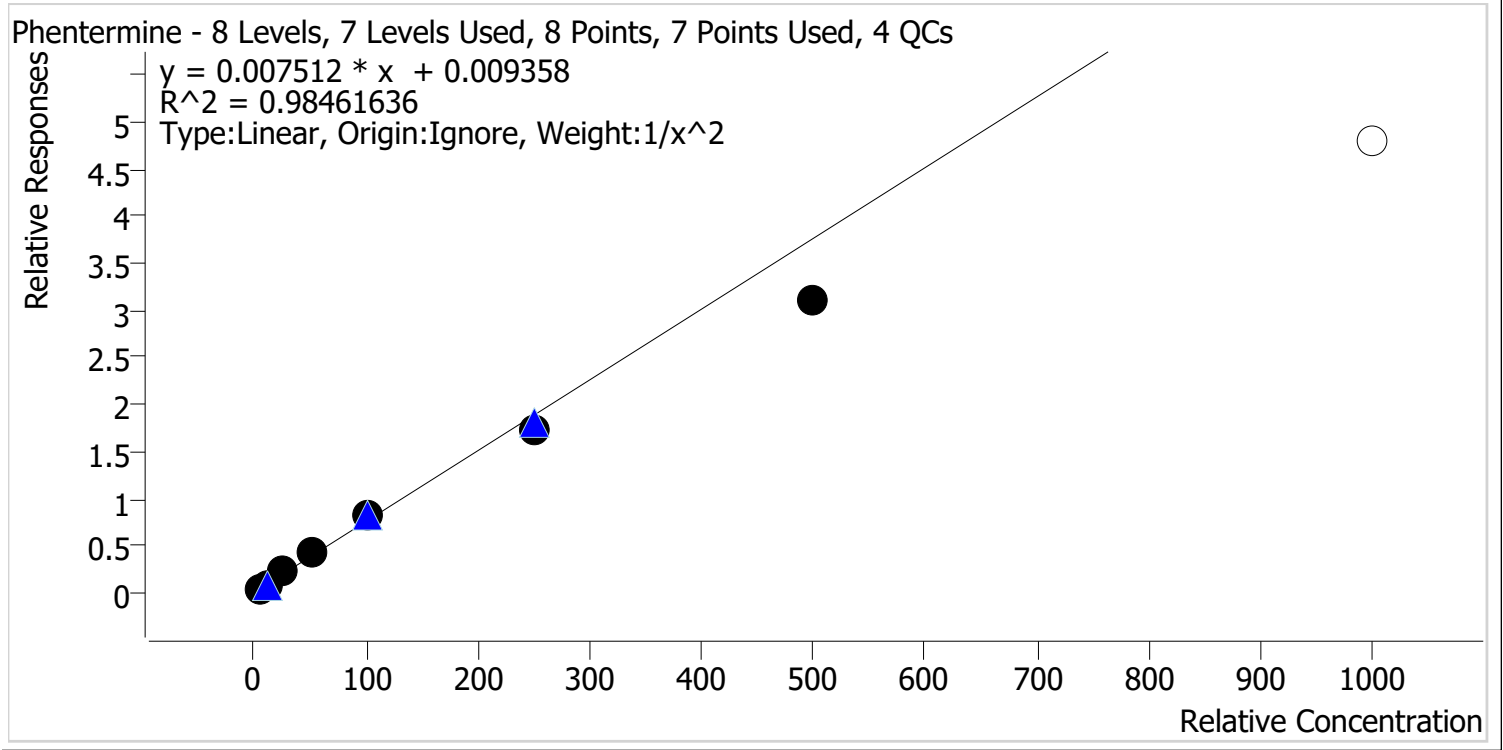


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	492.9	98.6
p1 Cal 8-1000ng	8	✓	1000.0	972.9	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



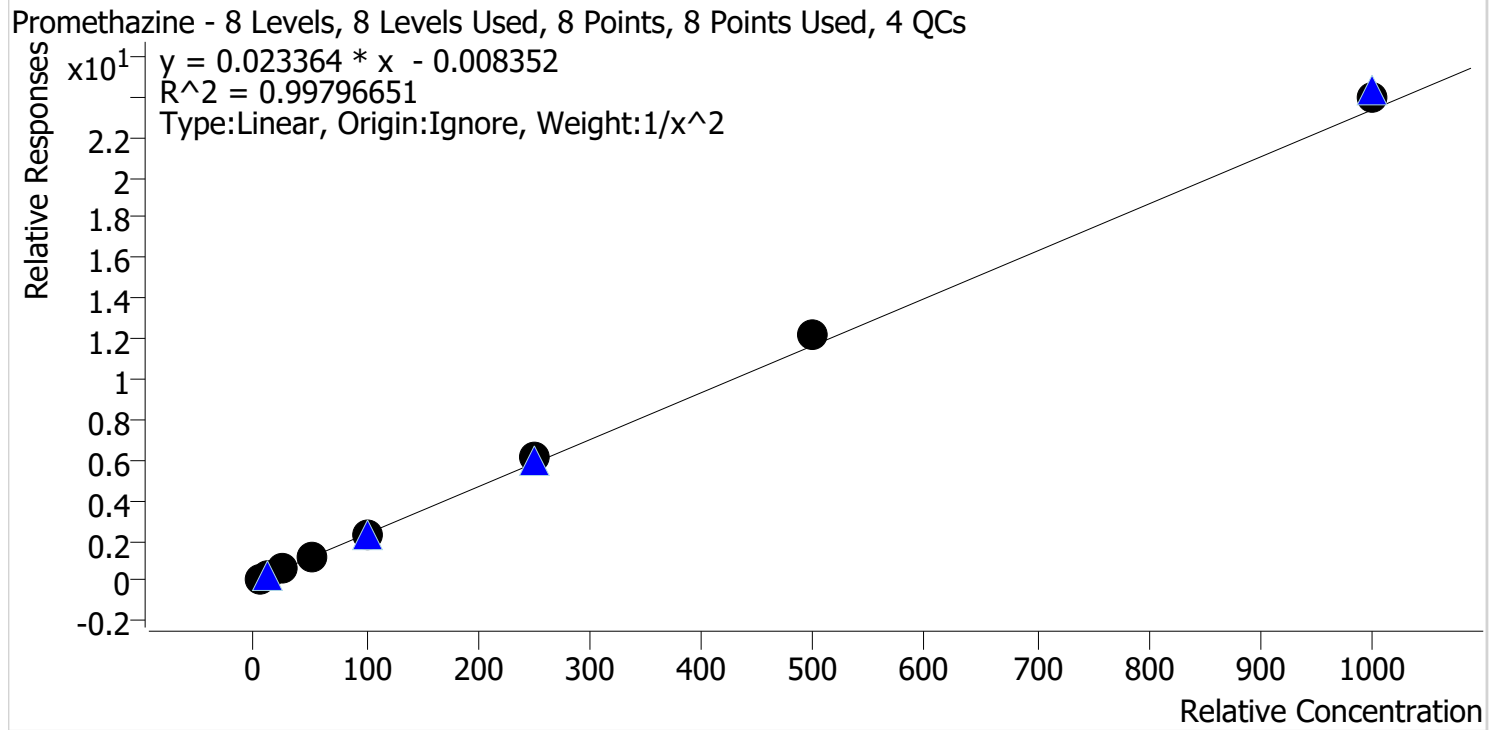
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	227.9	91.1
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	✗	1000.0	638.7	63.9

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



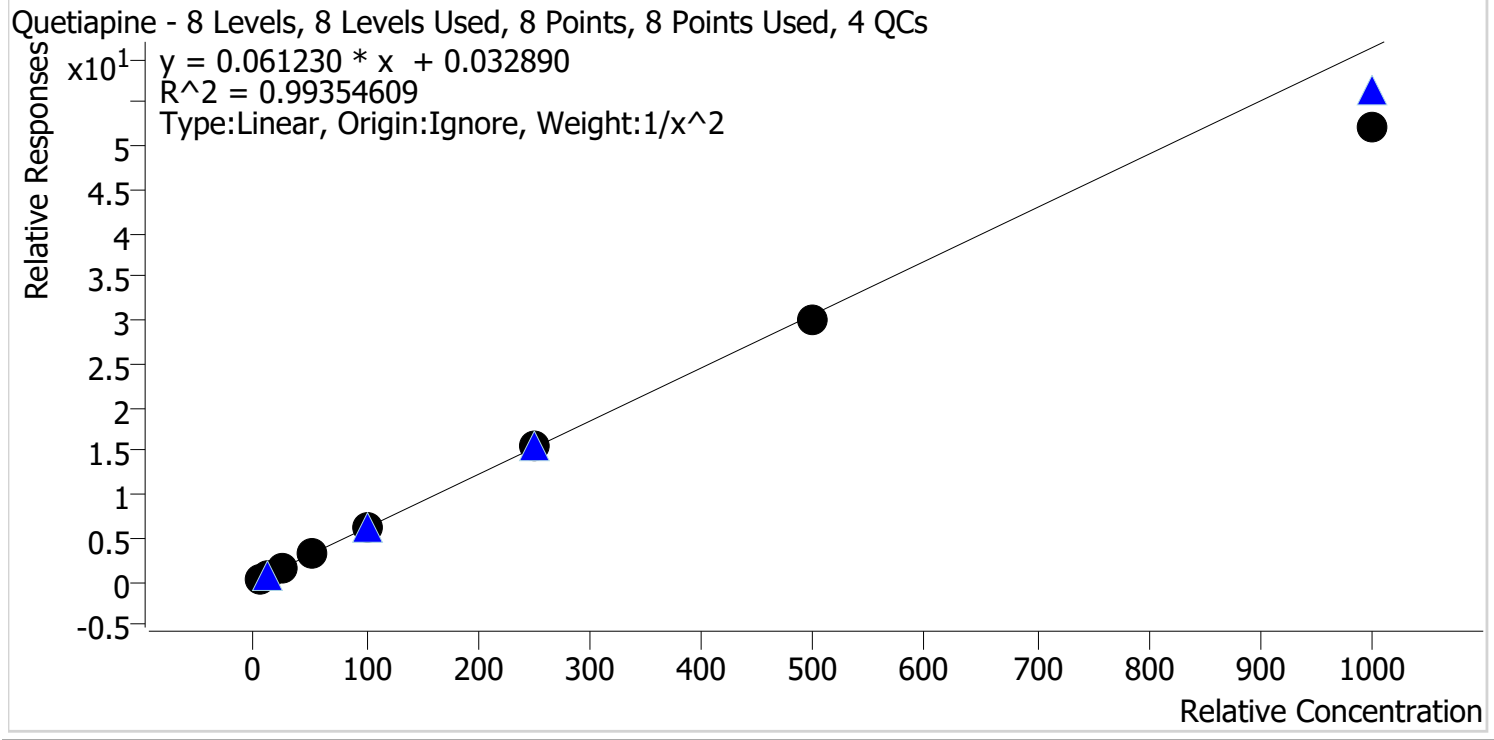
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	261.9	104.8
p1 Cal 7-500ng	7	✓	500.0	523.2	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1023.3	102.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

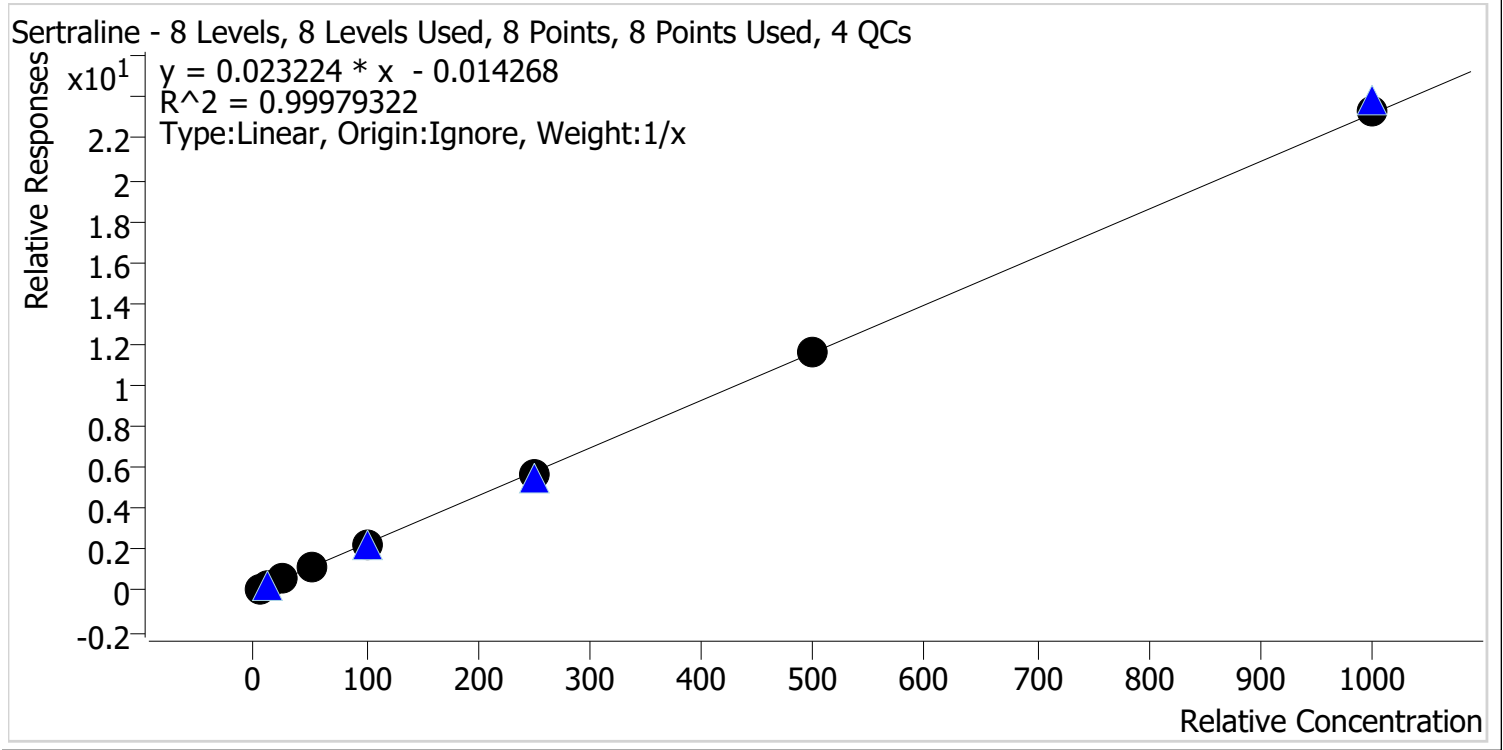


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	486.8	97.4
p1 Cal 8-1000ng	8	✓	1000.0	853.0	85.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



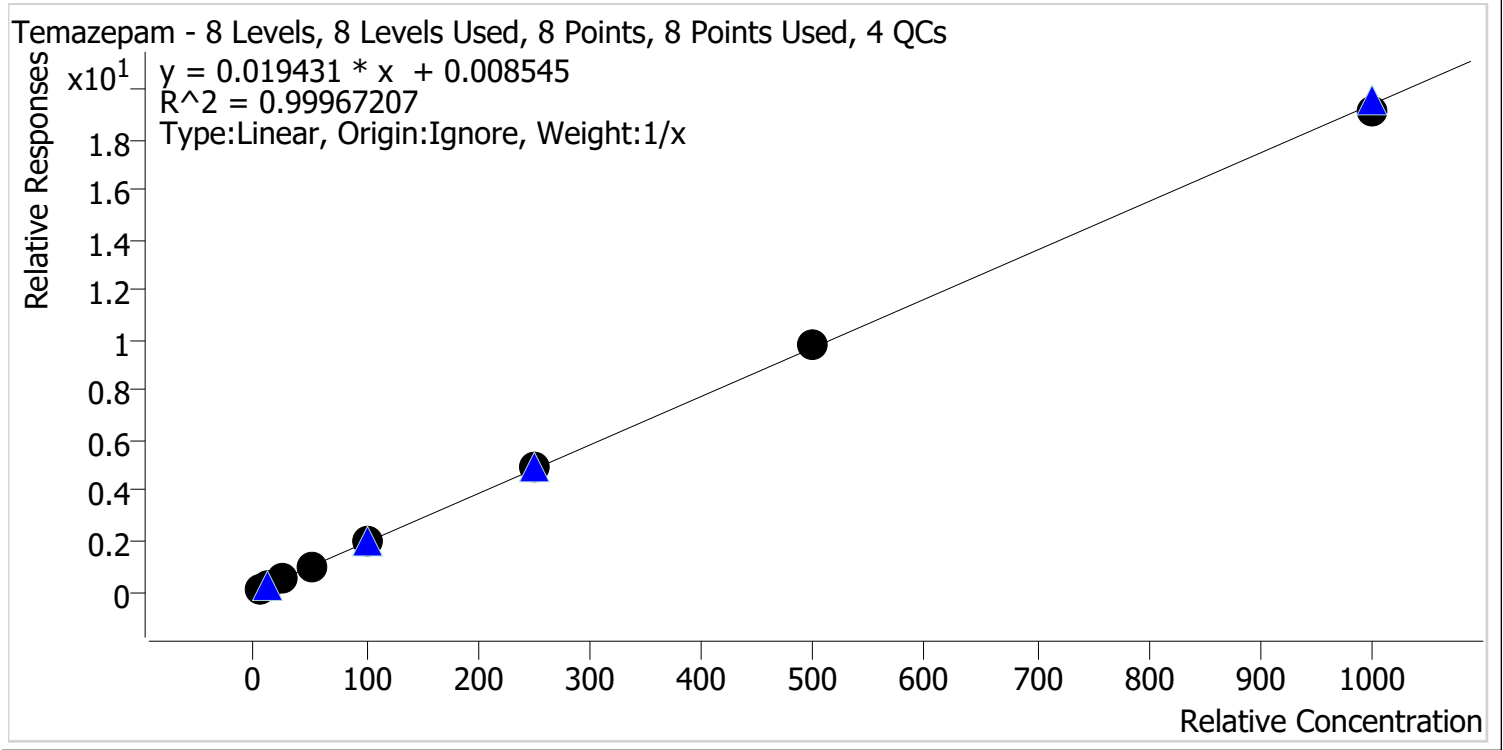
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.8
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	1009.2	100.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

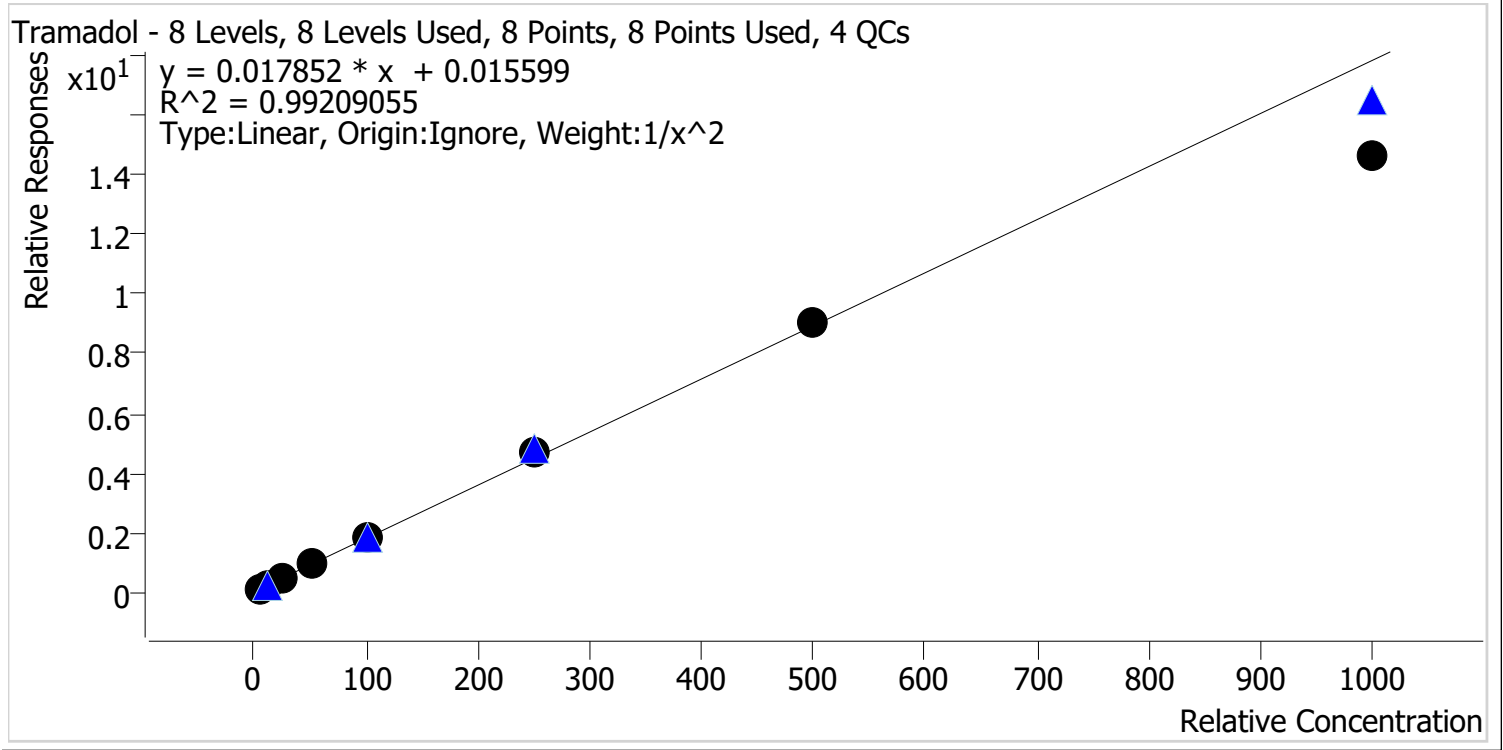


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	984.1	98.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

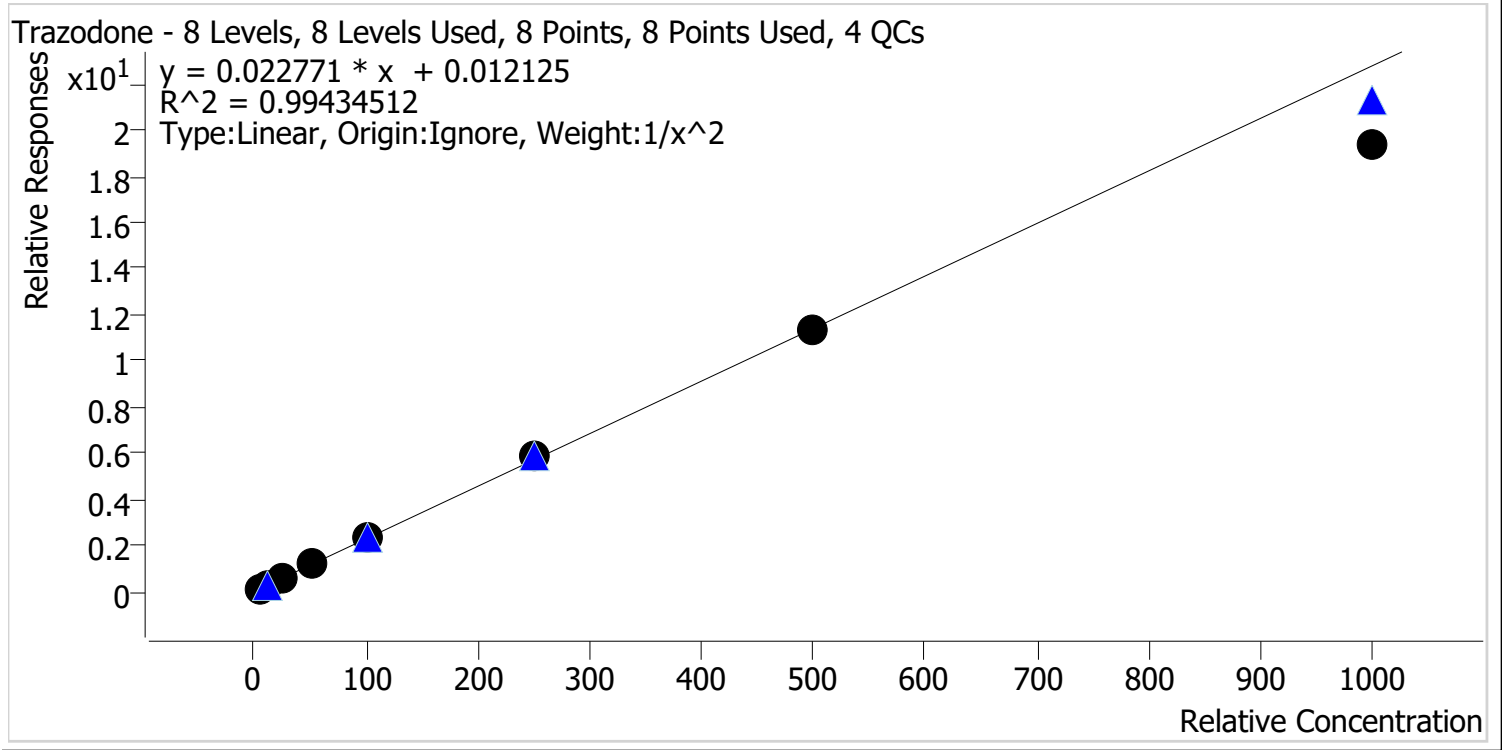


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	263.6	105.4
p1 Cal 7-500ng	7	✓	500.0	509.4	101.9
p1 Cal 8-1000ng	8	✓	1000.0	818.5	81.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

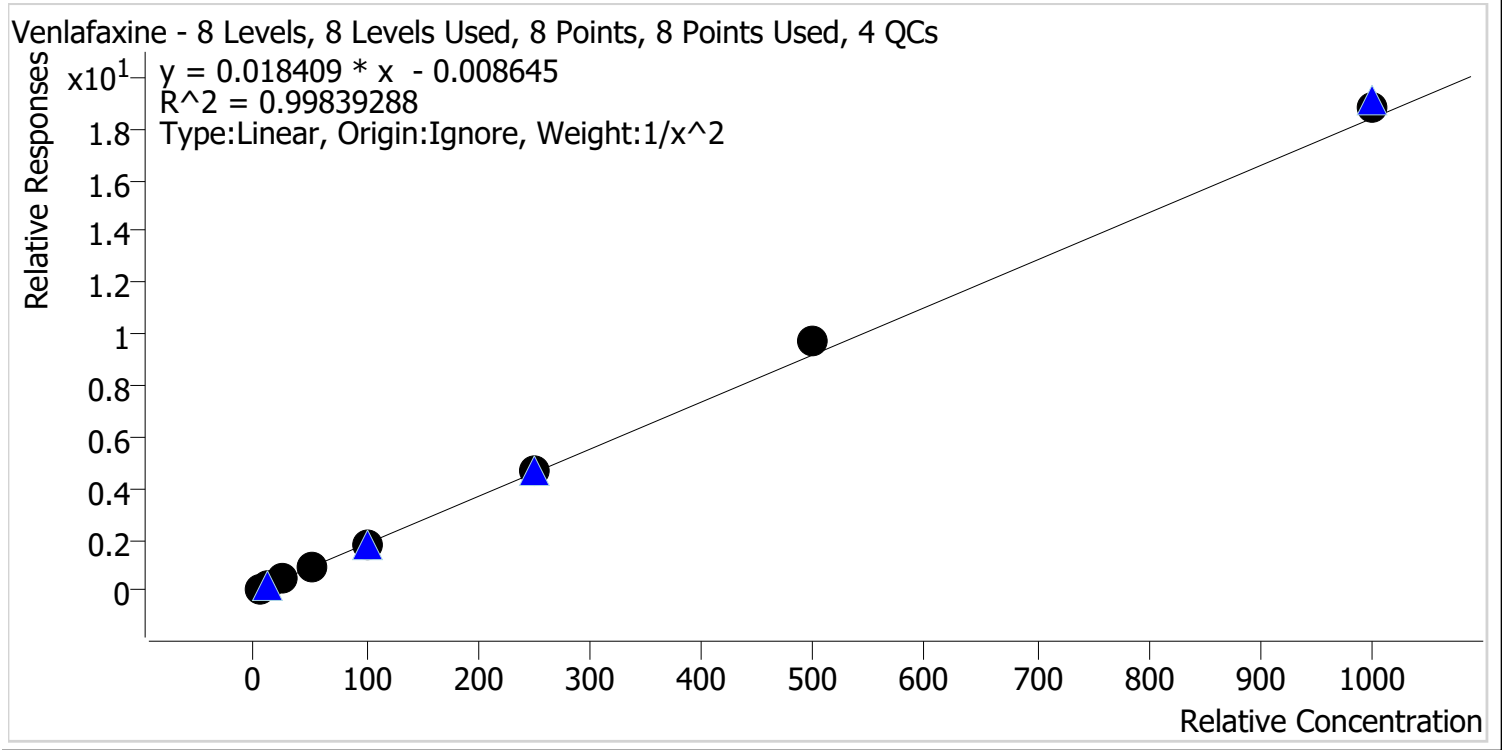


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	260.7	104.3
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	851.3	85.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

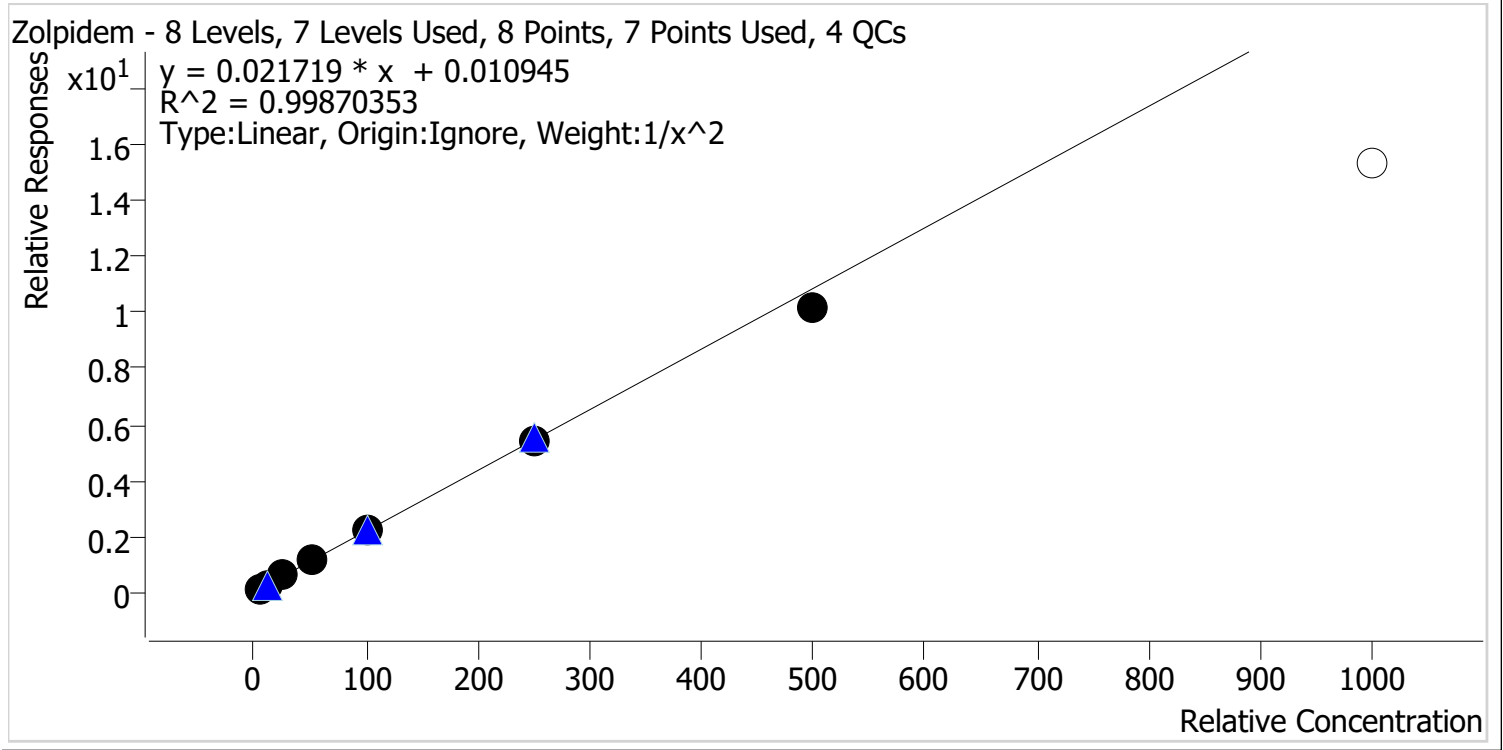


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	526.6	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1021.9	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Last Cal. Update 3/16/2022 11:18 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	468.9	93.8
p1 Cal 8-1000ng	8	✗	1000.0	706.2	70.6

Calibrator 8 dropped due to not meeting accuracy requirement.

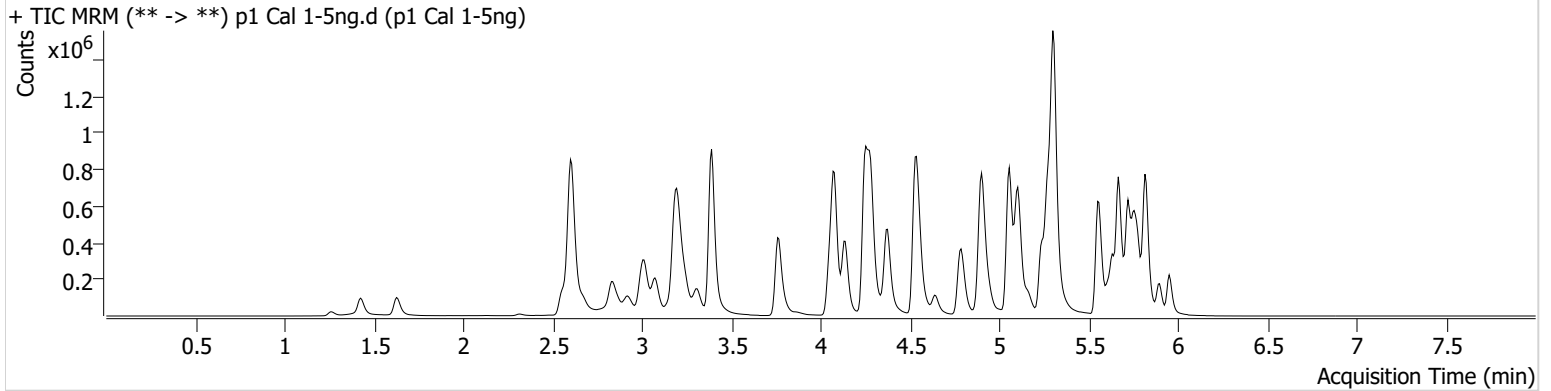
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 10:09:05 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	1964	439.55	63.2	6116.99	103951	0.5152 ng/ml
7-aminoclonazepam	4.271	17876	76.48	78.6	118.55	133846	4.7801 ng/ml
a-hydroxyalprazolam	5.699	18869	135.00	69.7	334.61	458533	4.8257 ng/ml
alpha-PHP	4.950	31948	207.82	262.2	1078.93	1050072	4.8754 ng/ml
alpha-PVP	4.383	119440	2047.81	52.2	1609.98	1050072	5.0989 ng/ml
Alprazolam	5.782	60993	312.34	109.5	741.10	458533	5.1190 ng/ml
Amphetamine	3.076	231550	7883.20	50.6	486.48	618406	4.8220 ng/ml
Benzoylecgonine	3.892	2846	33.58	8.5	27.05	18344	5.0055 ng/ml
Buprenorphine	5.846	2734	193.81	14.7	871.76	173313	0.5336 ng/ml
Bupropion	4.801	126931	3897.17	63.0	176.45	892793	4.9820 ng/ml
Carisoprodol	5.730	71024	12061.50	55.6	121.50	645927	5.8158 ng/ml
Citalopram	5.239	89111	277.76	39.1	96719.81	815613	5.0993 ng/ml
Clonazepam	5.618	66991	194.51	35.3	46.50	174080	4.7949 ng/ml
Clonazepam	5.555	46400	26788.71	36.1	35022.87	174080	4.8430 ng/ml
Cocaine	4.277	82597	175.99	53.1	252.99	1425007	5.0424 ng/ml
Codeine	2.614	10694	43906.12	105.9	65.93	111105	4.6934 ng/ml
Cyclobenzaprine	5.642	63984	296.21	7.6	184.12	528087	5.1338 ng/ml
Dextromethorphan	5.282	56993	244.35	79.1	6518.35	557357	4.9968 ng/ml
Dextrophan	4.139	34486	247.14	214.9	391.97	794484	5.1327 ng/ml
Diazepam	5.960	38269	306.37	91.4	311.51	373165	4.9494 ng/ml
Dihydrocodeine	2.586	26492	295.57	60.9	123.30	333084	4.7904 ng/ml
Diphenhydramine	5.309	262675	8548.05	31.7	1090.61	2998959	5.0906 ng/ml
Doxylamine	4.549	253905	3025.37	99.0	4443.34	2222524	5.0315 ng/ml
EDDP	5.275	91628	249.14	42.6	263.54	1044526	5.1140 ng/ml
Etizolam	5.820	23021	50312.31	26.6	9855.70	174080	5.2526 ng/ml
Fentanyl	5.116	7198	130.37	68.8	1553.28	841631	0.5155 ng/ml
Flualprazolam	5.712	28008	889.11	94.3	449.21	458533	4.8464 ng/ml
Fluoxetine	5.727	46513	136112.11	8.7	223.05	366750	5.1369 ng/ml
Hydrocodone	3.045	42919	72.04	33.6	244.62	471654	4.7515 ng/ml
Hydromorphone	1.635	36100	1090.78	73.5	446.15	239151	5.0066 ng/ml
Ketamine	4.065	83911	9282.96	37.0	256.36	741491	4.8924 ng/ml
Lamotrigine	4.301	7518	229.96	80.9	412.43	741491	4.8564 ng/ml
Levetiracetam	2.676	45188	329.82	141.8	516.72	2293170	5.1495 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	64391	1209.54	47.8	59.46	174080	3.9362 ng/ml
MDA	3.223	148303	1613.93	30.0	266.44	931706	4.7385 ng/ml
MDMA	3.316	83907	1398.25	90.1	1680.67	197617	5.0423 ng/ml
Meprobamate	4.917	45962	154.98	25.5	1106.55	462863	4.8660 ng/ml
Methadone	5.673	141595	318.89	55.0	728.88	1280295	5.3157 ng/ml
Methamphetamine	3.244	187275	1577.69	39.5	833.95	1431302	4.8743 ng/ml
Metoprolol	4.340	23200	4590.48	93.7	201.24	1991160	4.9242 ng/ml
Mirtazapine	4.644	164456	4809.48	47.3	14224.68	1050072	5.1202 ng/ml
Mitragynine	5.243	27195	887.44	36.0	19198.04	1280295	4.9356 ng/ml
Morphine	1.274	5378	5195.88	22.0	2866.85	19883	4.9162 ng/ml
Norbuprenorphine	5.006	578	30.45	84.8	1356.54	29243	0.5019 ng/ml
Nordiazepam	5.900	39258	366.76	57.8	2502.89	262427	4.9995 ng/ml
Norfentanyl	4.099	19239	308.40	37.9	147.67	1681731	0.5228 ng/ml
Norhydrocodone	3.093	7828	157.91	37.7	43.42	136208	5.2378 ng/ml
Noroxycodone	2.936	44452	238.65	46.2	223.37	287131	4.9583 ng/ml
O-desmethyl-tramadol	3.396	180940	4696.09	5.8	1989.56	2124516	5.0517 ng/ml
Oxazepam	5.763	81779	121.93	70.3	298.06	626614	4.9219 ng/ml
Oxycodone	2.861	76384	401.20	29.4	436.36	618677	4.9450 ng/ml
Oxymorphone	1.432	39822	216.17	43.8	64.36	250879	5.0226 ng/ml
Phentermine	3.797	54020	2266.22	6.0	48.15	1198497	4.7545 ng/ml
Promethazine	5.560	107795	1953.13	31.9	193.48	969853	5.1146 ng/ml
Pseudoephedrine	2.616	227906	603.79	17.1	182.82	2293170	5.1514 ng/ml
Quetiapine	5.569	105674	152.69	61.1	64238.68	321439	4.8320 ng/ml
Sertraline	5.796	9720	52.40	90.1	782.71	86764	5.4380 ng/ml
Temazepam	5.823	129536	4603.33	26.6	258.82	1264487	4.8323 ng/ml
Tramadol	4.259	205034	540.45	3.1	189.07	1991160	4.8943 ng/ml
Trazodone	5.163	108000	251751.12	78.8	136027.64	877200	4.8743 ng/ml
Venlafaxine	5.057	157261	13894.09	35.7	410.73	1850340	5.0865 ng/ml
Zolpidem	4.921	188740	3830.42	29.8	1202.82	1590892	4.9586 ng/ml

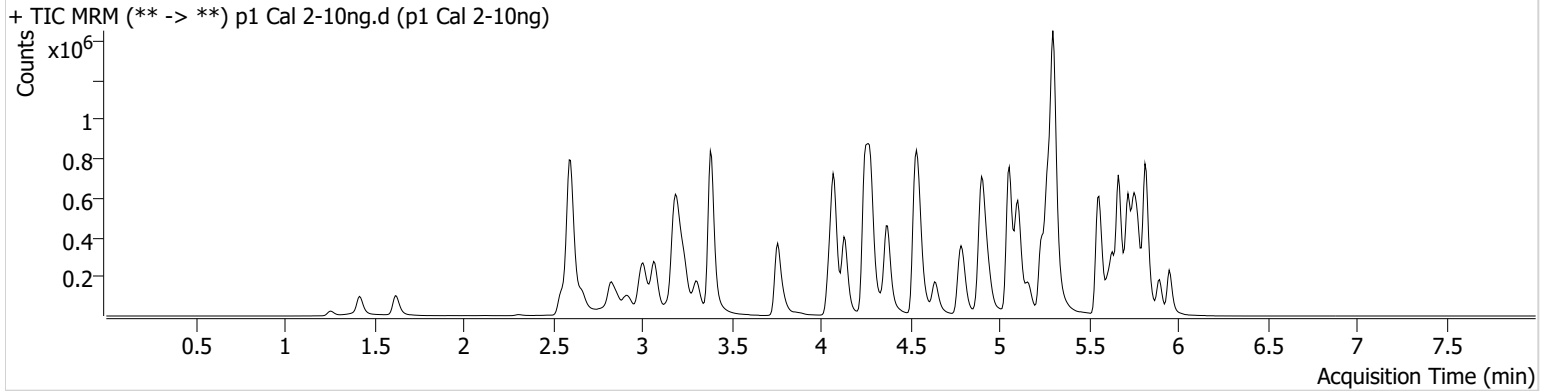
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 10:19:51 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	3064	34965.60	71.7	1745.20	91387	0.9332 ng/ml
7-aminoclonazepam	4.271	26922	100.87	81.1	521806.61	100492	10.4991 ng/ml
a-hydroxyalprazolam	5.699	35194	225.31	67.0	210.20	405383	10.5248 ng/ml
alpha-PHP	4.950	54134	2140.23	262.3	1048.36	896782	10.1500 ng/ml
alpha-PVP	4.383	201670	192.26	51.7	4090.57	896782	9.8402 ng/ml
Alprazolam	5.782	104504	595.79	114.2	435.65	405383	9.6555 ng/ml
Amphetamine	3.076	378127	7303.46	51.5	581.83	527945	10.2352 ng/ml
Benzoylecgonine	3.892	4643	1162.62	7.5	37.76	14997	10.3299 ng/ml
Buprenorphine	5.846	3935	291.97	17.4	21.05	148154	0.9080 ng/ml
Bupropion	4.801	213593	1005.33	63.7	2212.39	768951	10.0066 ng/ml
Carisoprodol	5.730	126105	149549.44	54.1	1331.95	571877	10.3984 ng/ml
Citalopram	5.239	151506	727.29	38.7	690.08	699403	9.7867 ng/ml
Clonazepam	5.618	119140	5425.58	35.0	136.30	158714	10.2730 ng/ml
Clonazepam	5.555	80245	8957.65	36.1	14350.93	158714	10.1494 ng/ml
Cocaine	4.277	137807	368.61	55.8	3758.42	1213706	9.9354 ng/ml
Codeine	2.607	19176	47017.54	106.9	47549.91	96237	10.5865 ng/ml
Cyclobenzaprine	5.642	101522	1968.53	7.4	100.51	429307	9.6900 ng/ml
Dextromethorphan	5.282	95947	46758.83	78.5	67654.23	466156	10.0507 ng/ml
Dextrophan	4.139	58461	12281.89	216.6	8800.99	697416	9.6433 ng/ml
Diazepam	5.960	68013	263.79	91.2	1397.35	331886	10.1316 ng/ml
Dihydrocodeine	2.579	46083	144.92	61.5	2512.01	289998	10.3039 ng/ml
Diphenhydramine	5.309	442181	16994.74	31.8	3454.44	2519395	9.8037 ng/ml
Doxylamine	4.549	434580	9089.83	100.3	3235.21	1928785	9.9021 ng/ml
EDDP	5.275	157207	264.59	41.7	18986.28	908292	10.1362 ng/ml
Etizolam	5.820	38913	78418.38	28.1	11194.50	158714	9.3346 ng/ml
Fentanyl	5.116	11237	60.73	74.9	18274.76	684148	0.9740 ng/ml
Flualprazolam	5.712	48791	2233.40	94.0	5322.71	405383	10.2071 ng/ml
Fluoxetine	5.727	71242	7509.23	8.6	283.55	276156	9.8367 ng/ml
Hydrocodone	3.039	75842	240.57	32.3	62.97	408547	10.4756 ng/ml
Hydromorphone	1.628	62436	3808.78	73.4	266179.70	206579	10.0872 ng/ml
Ketamine	4.065	140574	21567.89	37.3	374.63	636653	10.2472 ng/ml
Lamotrigine	4.301	12365	222.83	87.4	1489.79	636653	10.2201 ng/ml
Levetiracetam	2.670	74718	514.31	140.4	1944.70	1934934	9.6559 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	112090	4708.27	51.6	126.34	158714	10.4006 ng/ml
MDA	3.216	249950	1542.19	29.3	197.31	800269	10.4861 ng/ml
MDMA	3.310	139777	2068.72	91.5	704.06	169980	9.8612 ng/ml
Meprobamate	4.911	80221	9813.20	25.3	4015.38	404603	10.4187 ng/ml
Methadone	5.673	239612	531.40	51.9	306.74	1066702	10.0162 ng/ml
Methamphetamine	3.244	307524	815.76	39.2	469.11	1214383	10.2116 ng/ml
Metoprolol	4.340	38267	99863.02	96.0	779.66	1745301	9.9516 ng/ml
Mirtazapine	4.637	281155	3254.19	46.0	3288.61	896782	9.7990 ng/ml
Mitragynine	5.243	46524	1089.20	34.5	56793.57	1066702	10.2337 ng/ml
Morphine	1.267	9500	9201.37	20.9	268.04	17730	10.0496 ng/ml
Norbuprenorphine	5.013	726	589.59	106.6	2410.89	24348	0.9672 ng/ml
Nordiazepam	5.900	68428	5701.31	59.9	456.42	232793	10.0586 ng/ml
Norfentanyl	4.099	32081	89106.42	35.5	25.42	1446421	0.9614 ng/ml
Norhydrocodone	3.086	13090	126.16	40.2	113.03	116397	9.5198 ng/ml
Noroxycodone	2.936	73112	163.11	48.6	149.67	247506	9.9617 ng/ml
O-desmethyl-tramadol	3.389	311314	20897.39	5.7	335.83	1837587	9.9490 ng/ml
Oxazepam	5.756	142035	763.55	72.0	101.19	553840	10.1197 ng/ml
Oxycodone	2.854	129326	619.26	29.6	75128.29	533973	10.0702 ng/ml
Oxymorphone	1.425	66143	105.81	45.7	357.24	218840	9.8254 ng/ml
Phentermine	3.797	88885	202.17	5.6	82.44	1018475	10.3722 ng/ml
Promethazine	5.560	172467	362.67	31.2	382.29	784031	9.7726 ng/ml
Pseudoephedrine	2.610	385213	3476.55	17.2	4641.38	1934934	9.7995 ng/ml
Quetiapine	5.569	182764	331096.39	60.4	3410.44	275750	10.2875 ng/ml
Sertraline	5.796	14247	238.57	91.1	99.15	64917	10.0643 ng/ml
Temazepam	5.823	227099	986.97	27.2	296.96	1146981	9.7499 ng/ml
Tramadol	4.259	341849	1718.21	3.3	83.89	1745301	10.0980 ng/ml
Trazodone	5.163	178730	11902.34	77.2	11337.87	730456	10.2129 ng/ml
Venlafaxine	5.057	274497	9049.43	34.9	256.38	1576479	9.9282 ng/ml
Zolpidem	4.921	318284	1562.60	30.4	11447.57	1389607	10.0422 ng/ml

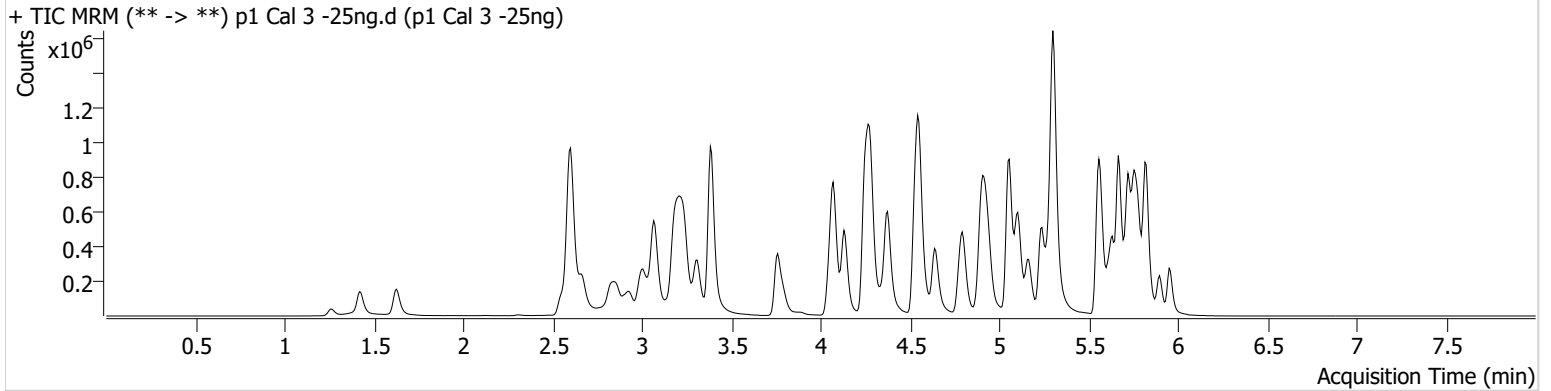
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 10:30:27 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	7966	14009.84	69.1	150.67	87741	2.5688 ng/ml
7-aminoclonazepam	4.271	68468	1288.83	81.6	3492.43	107571	26.1899 ng/ml
a-hydroxyalprazolam	5.699	76635	441.62	65.4	454.81	349970	27.0179 ng/ml
alpha-PHP	4.944	130053	2424.40	259.5	12883.48	856908	26.2529 ng/ml
alpha-PVP	4.383	477404	19598.48	51.3	466.05	856908	24.0144 ng/ml
Alprazolam	5.782	230191	975.77	112.7	1567.17	349970	24.1970 ng/ml
Amphetamine	3.069	947012	6031.13	48.5	346.81	524910	27.4651 ng/ml
Benzoylecgonine	3.892	10853	655.42	7.0	49.48	14679	25.1402 ng/ml
Buprenorphine	5.846	9604	396.22	16.8	4016.92	142674	2.3219 ng/ml
Bupropion	4.801	497214	18157.43	63.3	1760.65	723396	25.1830 ng/ml
Carisoprodol	5.730	273484	246122.20	54.0	1234.92	495685	24.1279 ng/ml
Citalopram	5.239	360269	397.41	39.0	12074.46	658266	24.2237 ng/ml
Clonazepam	5.618	256109	1197.91	35.3	1211.11	137412	26.9420 ng/ml
Clonazepam	5.555	176295	5380.18	36.2	94242.96	137412	27.4054 ng/ml
Cocaine	4.277	325767	479.81	54.0	530.46	1162438	24.6109 ng/ml
Codeine	2.607	45359	1720.36	105.5	133.37	91082	27.6785 ng/ml
Cyclobenzaprine	5.635	267662	12931.46	7.3	73.14	441593	24.2952 ng/ml
Dextromethorphan	5.282	227213	954.10	80.5	5247.30	445262	24.9075 ng/ml
Dextrophan	4.132	144039	1232.91	213.0	961.02	665656	24.4369 ng/ml
Diazepam	5.960	144073	806.53	92.4	405.67	285828	25.2730 ng/ml
Dihydrocodeine	2.579	111671	10758.09	61.0	4733.28	275744	27.3972 ng/ml
Diphenhydramine	5.303	1055136	35323.58	31.9	6138.33	2392988	24.0314 ng/ml
Doxylamine	4.549	1043170	51161.76	99.6	57952.80	1854970	24.6824 ng/ml
EDDP	5.275	28264	530.50	40.0	786.05	72859	22.7767 ng/ml
Etizolam	5.820	86645	2673.27	26.6	46529.68	137412	23.2639 ng/ml
Fentanyl	5.116	26479	1393.10	80.6	38885.23	669875	2.3197 ng/ml
Flualprazolam	5.712	103826	3023.24	98.2	1068.35	349970	26.1520 ng/ml
Fluoxetine	5.727	191912	596.09	8.7	146.76	298825	23.6059 ng/ml
Hydrocodone	3.039	179104	1060.77	33.2	111.35	385772	27.3278 ng/ml
Hydromorphone	1.628	149218	1447.34	75.9	3572.60	205666	24.3026 ng/ml
Ketamine	4.065	324863	30240.52	38.8	932.15	612403	25.6531 ng/ml
Lamotrigine	4.294	29173	767.04	83.2	1677.99	612403	26.5223 ng/ml
Levetiracetam	2.670	181901	1911.52	139.5	759.76	1826423	24.1877 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	232100	1495.27	50.3	894.98	137412	29.2906 ng/ml
MDA	3.216	595045	1537.90	29.5	532.75	780245	27.3847 ng/ml
MDMA	3.310	335536	2667.15	91.0	1296.35	163151	24.8164 ng/ml
Meprobamate	4.911	184467	13672.18	25.0	4689.49	387279	26.0182 ng/ml
Methadone	5.673	563231	545.90	53.1	6823.30	987910	24.2576 ng/ml
Methamphetamine	3.238	727643	4699.73	39.5	299.48	1180413	26.0499 ng/ml
Metoprolol	4.340	90980	46467.25	95.4	4067.65	1636547	26.4261 ng/ml
Mirtazapine	4.637	672138	1679.33	45.8	1151.53	856908	23.8402 ng/ml
Mitragynine	5.243	106785	8946.78	35.0	257.99	987910	25.5022 ng/ml
Morphine	1.267	24697	426.66	20.6	139.65	17919	26.3489 ng/ml
Norbuprenorphine	5.013	1512	829.48	96.1	2930.68	24242	2.4739 ng/ml
Nordiazepam	5.900	143574	1439.02	59.9	604.23	203738	24.4547 ng/ml
Norfentanyl	4.099	72541	216.79	35.8	375.51	1339997	2.2666 ng/ml
Norhydrocodone	3.086	29127	161.55	39.0	97.36	103582	22.6575 ng/ml
Noroxycodone	2.930	177365	2842.70	47.7	2716.59	238449	25.9220 ng/ml
O-desmethyl-tramadol	3.389	733852	49064.60	5.7	538.16	1759464	24.3464 ng/ml
Oxazepam	5.756	300220	3047.78	74.8	954.73	477157	25.5023 ng/ml
Oxycodone	2.854	309091	1087.26	29.6	576.66	514877	25.5294 ng/ml
Oxymorphone	1.425	157345	632.06	46.6	∞	205221	25.3690 ng/ml
Phentermine	3.797	210862	671.51	5.7	84.79	975667	27.5248 ng/ml
Promethazine	5.560	438455	16942.62	30.9	660.44	791523	24.0667 ng/ml
Pseudoephedrine	2.610	898410	12969.74	17.4	218.59	1826423	23.4511 ng/ml
Quetiapine	5.569	432743	50084.31	60.1	429138.13	263062	26.3292 ng/ml
Sertraline	5.796	44234	806.16	92.8	1562.60	79893	24.4542 ng/ml
Temazepam	5.823	492965	983.46	26.8	987.06	1005765	24.7847 ng/ml
Tramadol	4.259	792532	978.44	3.3	260.35	1636547	26.2533 ng/ml
Trazodone	5.163	430982	242.67	76.2	22192.36	710086	26.1218 ng/ml
Venlafaxine	5.057	645994	26610.47	34.1	3118.17	1506471	23.7637 ng/ml
Zolpidem	4.921	732678	836.68	29.9	528.37	1304422	25.3581 ng/ml

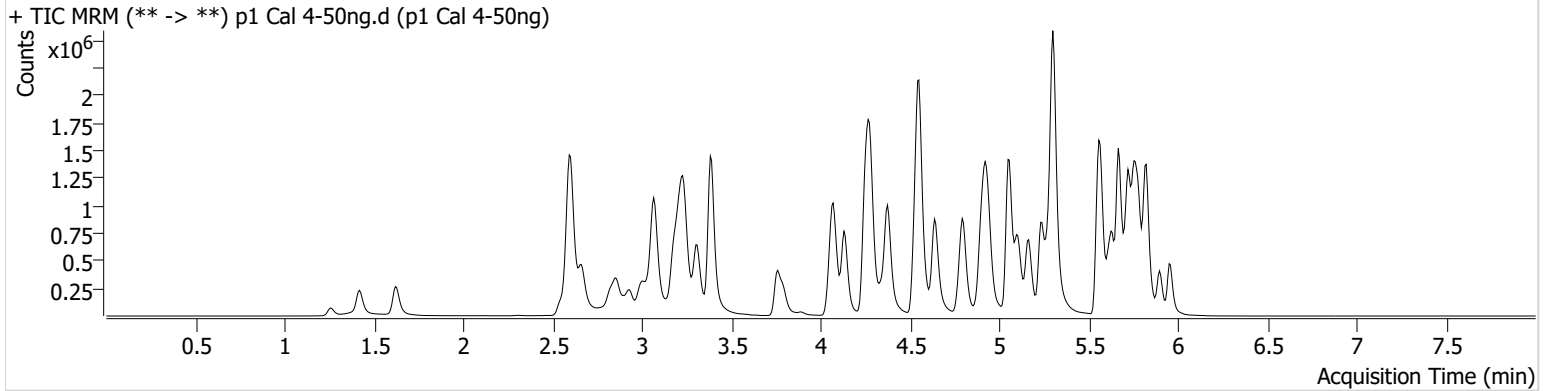
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 10:41:04 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17529	43922.47	68.8	2933.98	101063	4.9301 ng/ml
7-aminoclonazepam	4.271	170816	497.31	80.5	527.48	132058	54.1577 ng/ml
a-hydroxyalprazolam	5.699	156412	2109.53	68.0	610.71	409114	47.4029 ng/ml
alpha-PHP	4.944	291095	4142.01	255.7	7172.99	960481	52.9076 ng/ml
alpha-PVP	4.376	1082546	850.92	52.0	767.32	960481	48.3302 ng/ml
Alprazolam	5.782	551784	940.37	108.5	1679.06	409114	49.3198 ng/ml
Amphetamine	3.069	1974995	8136.35	48.6	440.33	569853	53.7816 ng/ml
Benzoylcegonine	3.892	24160	328.35	8.6	171.05	17380	47.5687 ng/ml
Buprenorphine	5.853	18533	60390.51	15.4	1716.31	138869	4.6166 ng/ml
Bupropion	4.801	1134810	64643.23	63.1	762.53	828768	50.4524 ng/ml
Carisoprodol	5.730	598356	56093.37	54.0	759.17	544023	46.8493 ng/ml
Citalopram	5.232	815865	9359.09	38.4	5694.76	739663	48.4858 ng/ml
Clonazepam	5.612	579887	14170.35	34.5	438.95	155221	54.9756 ng/ml
Clonazepam	5.555	384237	448531.70	36.7	285990.57	155221	53.8752 ng/ml
Cocaine	4.277	721166	757.97	54.6	578.53	1292109	49.0745 ng/ml
Codeine	2.600	99223	170.34	102.4	5249.62	99449	56.2688 ng/ml
Cyclobenzaprine	5.635	576846	74348.92	7.5	6382.54	477496	48.0781 ng/ml
Dextromethorphan	5.282	511359	25745.15	78.0	1372.03	499239	49.9884 ng/ml
Dextrophan	4.132	323403	1293.33	214.4	48862.73	748442	48.5103 ng/ml
Diazepam	5.960	337736	2824.04	90.9	∞	336017	50.6360 ng/ml
Dihydrocodeine	2.579	248430	5640.24	60.1	670.83	315355	53.9880 ng/ml
Diphenhydramine	5.303	2429770	27965.89	31.4	28414.43	2678657	49.0198 ng/ml
Doxylamine	4.549	2400280	15561.06	99.4	141445.84	2100017	50.1434 ng/ml
EDDP	5.268	85538	203.97	41.9	587.34	111080	45.2604 ng/ml
Etizolam	5.820	207867	43245.35	26.0	68683.64	155221	48.8771 ng/ml
Fentanyl	5.109	62776	674.74	75.3	3499.83	755824	4.8553 ng/ml
Flualprazolam	5.712	246517	4259.33	97.7	14546.73	409114	53.8158 ng/ml
Fluoxetine	5.721	392638	14883.63	8.0	57882.07	304765	46.7589 ng/ml
Hydrocodone	3.039	395434	1186.65	34.4	248.80	441429	53.4275 ng/ml
Hydromorphone	1.628	337747	2969.25	74.5	1985884.21	227407	49.8145 ng/ml
Ketamine	4.065	732476	801.44	38.2	1001.43	699120	51.3854 ng/ml
Lamotrigine	4.294	66405	680.01	84.0	1401.21	699120	53.8773 ng/ml
Levetiracetam	2.663	396924	2612.96	140.5	12779.13	2000252	47.7430 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	459592	1380.23	51.0	714.09	155221	53.7343 ng/ml
MDA	3.216	1231118	10427.70	29.1	1331.74	825123	54.7570 ng/ml
MDMA	3.310	745010	1378.03	92.9	1123.60	180252	49.9768 ng/ml
Meprobamate	4.911	391402	1028.36	24.9	13978.39	428795	50.5064 ng/ml
Methadone	5.666	1279367	33483.12	52.0	3685.46	1129910	47.4294 ng/ml
Methamphetamine	3.238	1645149	3131.70	38.7	1027.74	1332926	52.9914 ng/ml
Metoprolol	4.340	207899	3203.63	92.9	9439.52	1873969	53.5095 ng/ml
Mirtazapine	4.637	1530469	4484.16	45.7	23217.30	960481	47.9667 ng/ml
Mitragynine	5.243	230729	108757.08	35.7	1600.38	1129910	48.2613 ng/ml
Morphine	1.261	53618	431.07	20.2	288.84	19951	51.6770 ng/ml
Norbuprenorphine	5.006	3639	1742.57	95.8	8304.11	26741	5.8856 ng/ml
Nordiazepam	5.900	337682	7207.48	59.3	979.55	232869	50.5794 ng/ml
Norfentanyl	4.099	163743	355.34	36.0	107.61	1464162	4.6233 ng/ml
Norhydrocodone	3.086	61485	181.47	40.5	70.51	104027	46.7823 ng/ml
Noroxycodone	2.930	371464	659.09	49.6	514.30	254964	51.3021 ng/ml
O-desmethyl-tramadol	3.389	1660279	86170.03	5.7	4489.10	1985629	48.7066 ng/ml
Oxazepam	5.756	640143	5034.03	72.9	6260.71	501216	52.2453 ng/ml
Oxycodone	2.854	705116	778.86	29.5	994.26	588020	51.3785 ng/ml
Oxymorphone	1.418	351631	∞	46.0	∞	233052	50.2038 ng/ml
Phentermine	3.797	464037	4567.07	5.7	1271.59	1094361	55.2016 ng/ml
Promethazine	5.552	1010706	37486.47	30.7	858.78	900675	48.3873 ng/ml
Pseudoephedrine	2.603	1981215	1523.99	17.3	13273.60	2000252	46.6962 ng/ml
Quetiapine	5.569	962491	72344.97	61.0	16929.44	290167	53.6364 ng/ml
Sertraline	5.796	93117	931.52	92.2	8166.00	83764	48.4807 ng/ml
Temazepam	5.823	1118213	11560.11	27.2	3607.69	1112437	51.2912 ng/ml
Tramadol	4.259	1780941	26772.80	3.3	439.53	1873969	52.3618 ng/ml
Trazodone	5.163	972249	1127.24	76.9	1015.75	816784	51.7419 ng/ml
Venlafaxine	5.057	1503994	34895.87	34.0	696.90	1719614	47.9804 ng/ml
Zolpidem	4.921	1692440	1537.87	29.6	4349.00	1504062	51.3063 ng/ml

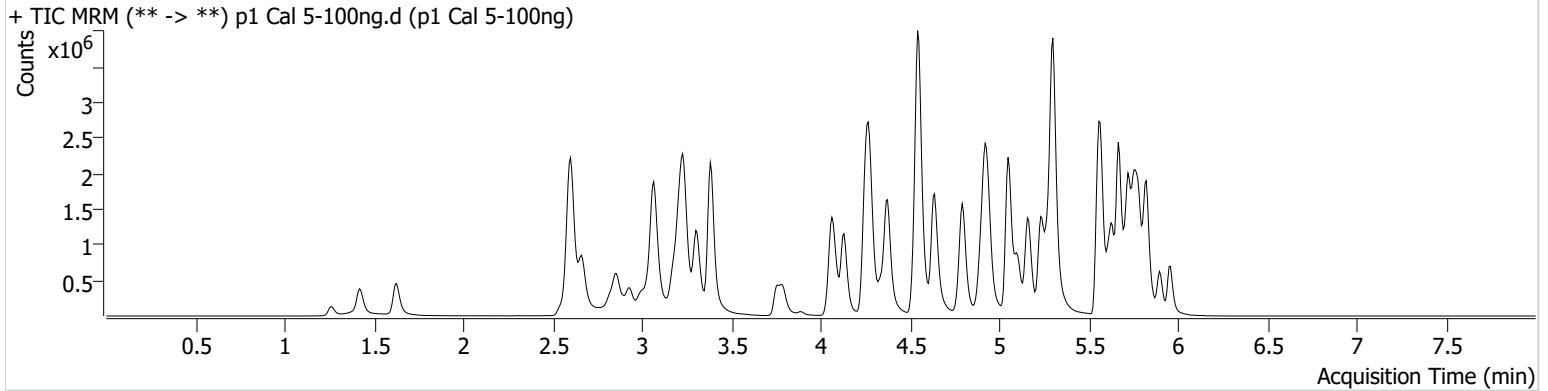
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 10:51:42 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	35453	3137.31	71.0	485.43	103940	9.7193 ng/ml
7-aminoclonazepam	4.265	339649	∞	78.7	3823.43	133418	107.4645 ng/ml
a-hydroxyalprazolam	5.699	277177	2002.98	67.1	859.53	361562	95.3620 ng/ml
alpha-PHP	4.944	568811	4160.44	258.1	1379.30	957434	104.1778 ng/ml
alpha-PVP	4.376	2174070	1247.24	52.2	25545.79	957434	97.1201 ng/ml
Alprazolam	5.782	1003458	1849.31	109.7	1594.57	361562	101.1885 ng/ml
Amphetamine	3.069	3693345	788.69	48.5	1511.52	582305	99.3434 ng/ml
Benzoylcegonine	3.892	48775	100512.22	8.4	2441.95	16573	101.0864 ng/ml
Buprenorphine	5.846	43609	2586.24	15.3	13139.99	157754	9.5776 ng/ml
Bupropion	4.795	2282139	75401.72	64.0	17853.44	835051	100.9829 ng/ml
Carisoprodol	5.730	1006342	864136.85	54.6	5623.65	457447	92.4473 ng/ml
Citalopram	5.232	1611421	22426.55	39.2	491.17	715373	98.6733 ng/ml
Clonazepam	5.612	1040574	1609.70	34.7	55876.81	144941	106.5393 ng/ml
Clonazepam	5.555	661875	7383.56	37.7	520290.37	144941	100.2930 ng/ml
Cocaine	4.271	1401715	2035.09	54.5	72562.78	1247846	98.8294 ng/ml
Codeine	2.600	178818	25276.44	104.1	11145.67	99161	102.3586 ng/ml
Cyclobenzaprine	5.635	1241084	79284.69	7.7	33443.92	519207	94.7908 ng/ml
Dextromethorphan	5.275	998734	71759.13	78.8	81114.89	500155	97.4467 ng/ml
Dextrophan	4.132	626705	1693.73	216.7	1586626.25	731017	95.9623 ng/ml
Diazepam	5.960	609253	4678.89	91.7	1138.13	306217	100.4699 ng/ml
Dihydrocodeine	2.579	484819	1481.07	60.9	489.01	319881	104.5472 ng/ml
Diphenhydramine	5.303	4859707	73428.42	30.9	392.97	2608301	100.2709 ng/ml
Doxylamine	4.543	4948395	289225.25	98.1	142582.91	2148799	101.0063 ng/ml
EDDP	5.268	249227	24968.00	42.8	165.64	158429	92.5092 ng/ml
Etizolam	5.820	370534	11100.39	26.3	1645.98	144941	92.8759 ng/ml
Fentanyl	5.109	129688	21022.64	75.4	279350.13	784204	9.6503 ng/ml
Flualprazolam	5.705	436925	14042.92	101.0	11469.61	361562	108.6084 ng/ml
Fluoxetine	5.721	841819	51774.49	8.8	1820.21	321639	94.3811 ng/ml
Hydrocodone	3.032	746394	∞	34.9	331.64	431374	103.8975 ng/ml
Hydromorphone	1.628	674200	5316.66	74.5	5997.10	227112	99.6303 ng/ml
Ketamine	4.059	1448885	92123.84	38.2	1276.64	695820	102.8538 ng/ml
Lamotrigine	4.294	123292	1306.98	85.0	668.75	695820	101.3739 ng/ml
Levetiracetam	2.663	773455	9005.95	142.2	573.65	1939124	95.5077 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	722540	39337.54	51.2	2795.73	144941	92.6382 ng/ml
MDA	3.209	2236181	5659.65	29.1	1263.77	791882	104.7367 ng/ml
MDMA	3.310	1442371	10622.62	94.3	3075.51	176361	98.9920 ng/ml
Meprobamate	4.911	687986	12089.38	24.9	1526.77	410135	93.4071 ng/ml
Methadone	5.666	2548715	38319.19	51.5	31880.39	1096569	96.5635 ng/ml
Methamphetamine	3.238	3259628	1274.21	38.8	22049.31	1361482	103.5741 ng/ml
Metoprolol	4.340	393651	1752.53	97.2	19743.08	1893192	100.9695 ng/ml
Mirtazapine	4.637	3036911	119098.81	45.9	4765.06	957434	95.0374 ng/ml
Mitragynine	5.243	464399	843.14	36.2	5742.33	1096569	100.1926 ng/ml
Morphine	1.261	107675	4374.08	20.4	3296.23	20372	101.9394 ng/ml
Norbuprenorphine	5.006	6225	1503.17	104.9	3847.17	28533	9.6854 ng/ml
Nordiazepam	5.900	614510	5242.17	59.4	959.00	213859	100.4649 ng/ml
Norfentanyl	4.093	331668	25527.45	35.9	231.81	1443855	9.4379 ng/ml
Norhydrocodone	3.086	114372	764.34	39.0	136.87	91281	98.3189 ng/ml
Noroxycodone	2.930	711713	1990.10	48.8	19673.46	248089	101.5520 ng/ml
O-desmethyl-tramadol	3.383	3362517	2092.66	5.7	787.02	2003603	97.6575 ng/ml
Oxazepam	5.756	1044386	9529.79	75.1	9163.36	414569	103.5042 ng/ml
Oxycodone	2.854	1414913	13764.84	29.6	928.22	598520	101.6629 ng/ml
Oxymorphone	1.418	708015	∞	43.7	∞	233064	101.3743 ng/ml
Phentermine	3.790	898190	447.33	5.7	1487.23	1106833	106.7826 ng/ml
Promethazine	5.552	2131206	4396.45	30.6	7372.94	961753	95.2029 ng/ml
Pseudoephedrine	2.603	3939022	43983.49	17.0	968.90	1939124	95.2232 ng/ml
Quetiapine	5.569	1903942	230274.10	60.5	73253.30	296830	104.2199 ng/ml
Sertraline	5.796	222998	3624.87	91.1	822.21	100743	95.9254 ng/ml
Temazepam	5.823	1929114	3124.96	26.4	1670.84	969796	101.9317 ng/ml
Tramadol	4.259	3484556	136537.34	3.2	2029.23	1893192	102.2283 ng/ml
Trazodone	5.156	2013379	834.69	78.3	5038.87	845495	104.0439 ng/ml
Venlafaxine	5.050	3040111	238589.76	34.0	859.39	1687985	98.3055 ng/ml
Zolpidem	4.921	3330823	1407.80	29.2	895.75	1485976	102.7027 ng/ml

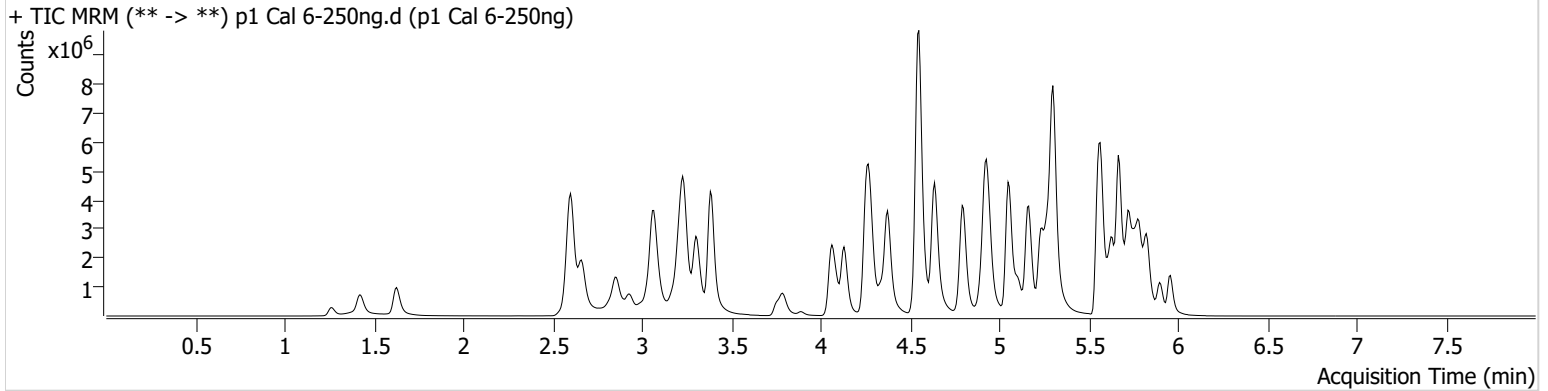
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 11:02:19 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	94577	1304.30	71.7	394.55	108009	24.9897 ng/ml
7-aminoclonazepam	4.271	622376	5521.73	80.2	924.87	110386	239.1072 ng/ml
a-hydroxyalprazolam	5.699	457506	413.14	67.4	859.39	319161	178.5842 ng/ml
alpha-PHP	4.944	1369571	32913.04	259.8	82307.31	943442	255.2564 ng/ml
alpha-PVP	4.376	5598345	234191.57	52.2	30703.09	943442	253.4009 ng/ml
Alprazolam	5.782	2226949	1418.51	109.6	∞	319161	253.9707 ng/ml
Amphetamine	3.069	7765731	924.53	48.0	1073.07	579561	211.1041 ng/ml
Benzoylcegonine	3.892	133413	13690.52	7.5	240.42	18332	250.4795 ng/ml
Buprenorphine	5.853	130257	8150.44	14.7	60342.26	168834	26.7543 ng/ml
Bupropion	4.795	6150189	352106.11	62.9	129030.28	888842	256.1103 ng/ml
Carisoprodol	5.730	1831105	35633.40	53.8	5667.76	311716	244.7551 ng/ml
Citalopram	5.232	3970656	103668.71	38.1	106259.73	690557	251.3642 ng/ml
Clonazepam	5.612	1973432	8042.32	34.1	6116.85	117609	250.2998 ng/ml
Clonazepam	5.555	1118073	1336.82	38.5	14781.61	117609	209.9541 ng/ml
Cocaine	4.277	3299500	120743.63	54.0	95179.56	1162580	249.7888 ng/ml
Codeine	2.600	379714	443.07	101.2	10162.34	92336	234.4615 ng/ml
Cyclobenzaprine	5.635	3323011	48350.07	7.3	433.43	524072	250.8742 ng/ml
Dextromethorphan	5.275	2437396	62975.62	78.2	226294.06	477207	249.2423 ng/ml
Dextrophan	4.132	1607532	64426.06	217.0	164151.47	708949	253.3355 ng/ml
Diazepam	5.960	1433796	10898.50	91.7	∞	289041	250.8536 ng/ml
Dihydrocodeine	2.572	1147804	624.07	61.4	19831.74	338313	234.9397 ng/ml
Diphenhydramine	5.303	12197619	76341.92	30.8	57701.81	2486215	263.3877 ng/ml
Doxylamine	4.549	13264007	6538.76	97.7	340030.37	2254751	257.9879 ng/ml
EDDP	5.268	1606481	59918.16	41.5	17344.48	380390	248.4330 ng/ml
Etizolam	5.820	864865	5356.29	26.0	28223.97	117609	266.2738 ng/ml
Fentanyl	5.109	398051	7226.37	72.7	36975.00	906082	25.6068 ng/ml
Flualprazolam	5.705	911929	27637.06	104.9	36979.37	319161	257.7221 ng/ml
Fluoxetine	5.727	2244901	117784.44	8.5	318.17	317235	254.1734 ng/ml
Hydrocodone	3.032	1826432	5929.50	35.3	201.10	447529	246.0823 ng/ml
Hydromorphone	1.628	1677361	8262303.01	74.2	4430605.41	220479	255.4283 ng/ml
Ketamine	4.065	3706576	162576.05	37.5	16668.47	727392	252.7701 ng/ml
Lamotrigine	4.294	270214	11337.60	85.4	10970.95	727392	213.6315 ng/ml
Levetiracetam	2.663	1810261	6920.36	144.3	12227.01	1774532	243.5617 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	906050	13081.63	49.1	4833.90	117609	144.8934 ng/ml
MDA	3.209	4312201	1197.51	28.7	952.53	686798	234.3855 ng/ml
MDMA	3.303	3619616	4238.47	93.3	5128.55	172162	254.6395 ng/ml
Meprobamate	4.911	1257582	33192.34	24.9	10617.58	383467	183.2878 ng/ml
Methadone	5.666	7032195	145466.02	49.6	142338.27	1132229	256.7725 ng/ml
Methamphetamine	3.238	8260035	90938.67	37.3	6072.59	1476083	243.1962 ng/ml
Metoprolol	4.340	914452	1500.59	97.2	2073.09	1813040	246.0296 ng/ml
Mirtazapine	4.637	8365627	19246.49	44.4	123667.65	943442	264.8697 ng/ml
Mitragynine	5.243	1225793	1575.53	36.1	4734.11	1132229	256.2788 ng/ml
Morphine	1.267	263882	1115.01	21.7	12481.17	20727	245.9964 ng/ml
Norbuprenorphine	5.006	16481	9767.83	100.6	144.63	31153	24.0727 ng/ml
Nordiazepam	5.900	1337329	871.93	58.9	1926.63	185208	252.8280 ng/ml
Norfentanyl	4.093	867297	93279.02	36.2	298.45	1340563	26.4805 ng/ml
Norhydrocodone	3.080	281039	1091.74	39.7	439.70	81920	267.8732 ng/ml
Noroxycodone	2.930	1495483	4000.59	48.6	10470.16	212410	250.0307 ng/ml
O-desmethyl-tramadol	3.383	8880156	189200.68	5.6	43232.77	1986011	260.0230 ng/ml
Oxazepam	5.756	1446310	26267.52	72.6	5871.03	238117	250.2092 ng/ml
Oxycodone	2.854	3645434	10448.89	29.2	3005.05	626476	250.8022 ng/ml
Oxymorphone	1.425	1637263	537.32	45.2	290.59	214296	255.3941 ng/ml
Phentermine	3.790	1979917	∞	5.6	561.93	1150413	227.8646 ng/ml
Promethazine	5.552	6424964	94357.43	28.7	2785.73	1051335	261.9251 ng/ml
Pseudoephedrine	2.603	9494627	79603.40	16.5	32444.65	1774532	249.9693 ng/ml
Quetiapine	5.569	4541377	∞	60.9	92689.01	293073	252.5383 ng/ml
Sertraline	5.796	679042	758.34	93.7	1345.66	117975	248.4509 ng/ml
Temazepam	5.823	3476230	1069.00	26.3	359.57	698538	255.6664 ng/ml
Tramadol	4.259	8559679	∞	3.1	406.95	1813040	263.5891 ng/ml
Trazodone	5.163	5676971	1040.52	78.6	2585.95	954431	260.6782 ng/ml
Venlafaxine	5.050	7993508	95063.31	32.5	438.46	1703301	255.4010 ng/ml
Zolpidem	4.921	8432348	16253.70	27.7	2484.63	1551870	249.6809 ng/ml

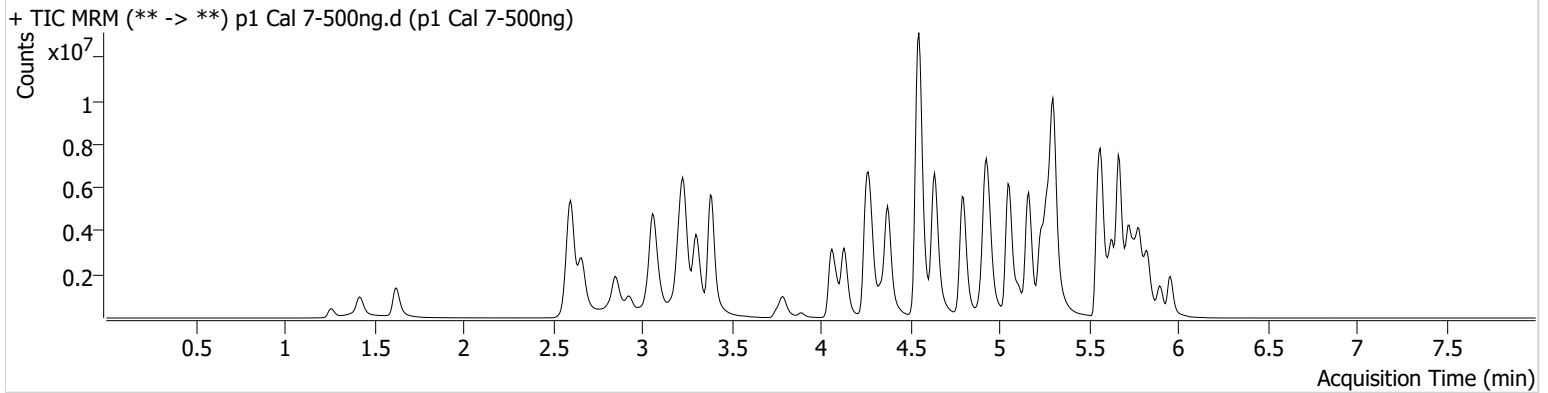
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 11:12:55 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	149737	473951.41	69.4	1476.28	84354	50.6840 ng/ml
7-aminoclonazepam	4.271	752556	4011.39	80.5	427.69	76819	416.1199 ng/ml
a-hydroxyalprazolam	5.699	500399	1631.19	68.0	254.68	225847	276.2001 ng/ml
alpha-PHP	4.944	1954439	31551.68	261.2	83967.78	705852	487.3131 ng/ml
alpha-PVP	4.376	8557439	2273.93	51.3	73551.59	705852	517.4619 ng/ml
Alprazolam	5.782	3201263	1920.39	108.0	1281.82	225847	515.6374 ng/ml
Amphetamine	3.063	10542311	488.80	47.7	492.45	450430	369.5688 ng/ml
Benzoylcegonine	3.892	225111	1001.55	8.1	4682.48	15639	495.7501 ng/ml
Buprenorphine	5.853	214908	8966.28	15.0	98285.40	130234	57.2402 ng/ml
Bupropion	4.795	9550514	122009.21	61.8	45802.10	686443	515.2636 ng/ml
Carisoprodol	5.730	2213310	36042.91	55.6	4803.94	193333	475.8025 ng/ml
Citalopram	5.232	5526120	111962.48	38.2	66974.56	459736	525.1158 ng/ml
Clonazepam	5.612	2568319	54070.99	34.4	30892.16	81069	473.4359 ng/ml
Clonazepam	5.555	1321379	123550.78	38.2	65566.38	81069	360.7372 ng/ml
Cocaine	4.277	4780833	188726.11	53.2	73487.30	826799	508.9848 ng/ml
Codeine	2.600	489523	519.45	104.2	153.73	69123	404.3578 ng/ml
Cyclobenzaprine	5.635	4633547	1138.36	7.1	610.20	354599	516.6329 ng/ml
Dextromethorphan	5.275	3197886	57077.75	77.7	93160.17	308560	505.7319 ng/ml
Dextrophan	4.132	2371905	173511.01	219.1	395087.48	520434	508.9016 ng/ml
Diazepam	5.960	2163414	∞	92.1	∞	221116	495.0151 ng/ml
Dihydrocodeine	2.572	1673157	24568.22	62.2	20426.36	272788	425.3282 ng/ml
Diphenhydramine	5.303	16547304	219505.50	32.4	53151.59	1714621	517.7233 ng/ml
Doxylamine	4.549	19263232	224640.07	98.4	534541.59	1739423	485.6575 ng/ml
EDDP	5.268	4775789	116675.58	40.8	753.13	522373	537.8639 ng/ml
Etizolam	5.820	1248295	27090.81	26.2	983.88	81069	557.0311 ng/ml
Fentanyl	5.109	635605	82298.87	75.4	1265645.68	728019	50.8726 ng/ml
Flualprazolam	5.712	1187551	28732.52	105.0	594.10	225847	474.8530 ng/ml
Fluoxetine	5.727	2576109	76183.54	8.7	341.33	179686	514.3398 ng/ml
Hydrocodone	3.032	2708564	885.26	35.6	481.36	346001	472.7097 ng/ml
Hydromorphone	1.628	2586138	16962583.58	74.5	9419433.32	173753	499.7818 ng/ml
Ketamine	4.065	5569730	229045.51	37.1	8764.83	552829	500.4842 ng/ml
Lamotrigine	4.294	353875	1276.88	86.2	719.21	552829	368.8405 ng/ml
Levetiracetam	2.663	2690214	2270.56	145.3	51453.80	1208494	530.9525 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	1021724	23260.13	49.6	2161.40	81069	239.0541 ng/ml
MDA	3.209	5411740	68791.21	29.4	5669.55	488938	414.1264 ng/ml
MDMA	3.303	5347643	2617.90	93.0	102514.07	126822	510.8048 ng/ml
Meprobamate	4.904	1577044	2884.99	24.8	10919.25	284581	310.2023 ng/ml
Methadone	5.666	10494993	974.19	49.3	68295.26	826824	523.9705 ng/ml
Methamphetamine	3.238	12209122	83215.56	36.7	139560.74	1189370	446.8153 ng/ml
Metoprolol	4.340	1259955	14790.01	97.9	115841.50	1369303	449.4789 ng/ml
Mirtazapine	4.637	12475507	325972.90	44.3	10525.17	705852	527.5041 ng/ml
Mitragynine	5.243	1808693	112816.39	36.1	338.22	826824	517.9199 ng/ml
Morphine	1.261	413282	1019.97	20.2	5638.81	16406	487.0445 ng/ml
Norbuprenorphine	5.006	25506	1958.85	101.4	459.52	24862	47.0705 ng/ml
Nordiazepam	5.900	1851264	39087.43	58.7	3049.86	130128	498.3688 ng/ml
Norfentanyl	4.093	1348489	1068.19	36.4	150.54	951590	57.9360 ng/ml
Norhydrocodone	3.080	426576	∞	41.1	89.38	60261	551.9172 ng/ml
Noroxycodone	2.930	2049942	7988.57	47.0	5125.77	150887	482.9883 ng/ml
O-desmethyl-tramadol	3.389	13234065	124650.26	5.5	20660.71	1469787	523.5122 ng/ml
Oxazepam	5.756	1612099	10240.39	72.9	5175.20	137136	484.6862 ng/ml
Oxycodone	2.848	5545198	2157.81	29.1	8432.65	485380	492.7747 ng/ml
Oxymorphone	1.418	2397265	∞	45.4	∞	162655	492.9386 ng/ml
Phentermine	3.790	2802876	9613.24	5.7	1954.49	899021	413.7898 ng/ml
Promethazine	5.552	9045605	13796.50	29.2	4178.17	740539	523.1678 ng/ml
Pseudoephedrine	2.603	13749970	139916.77	16.2	32376.91	1208494	530.9736 ng/ml
Quetiapine	5.569	6493251	135787.72	60.5	127358.69	217613	486.7836 ng/ml
Sertraline	5.796	638189	19122.59	92.2	8601.72	55253	497.9524 ng/ml
Temazepam	5.830	4181358	38340.62	26.6	590.07	423553	507.6152 ng/ml
Tramadol	4.252	12473931	∞	3.1	8378.46	1369303	509.4179 ng/ml
Trazodone	5.163	8785651	125155.53	78.7	213499.28	778866	494.8376 ng/ml
Venlafaxine	5.050	11969395	209741.34	32.6	1972.93	1235863	526.5826 ng/ml
Zolpidem	4.921	12101866	3620.99	27.6	9804.77	1186968	468.9373 ng/ml

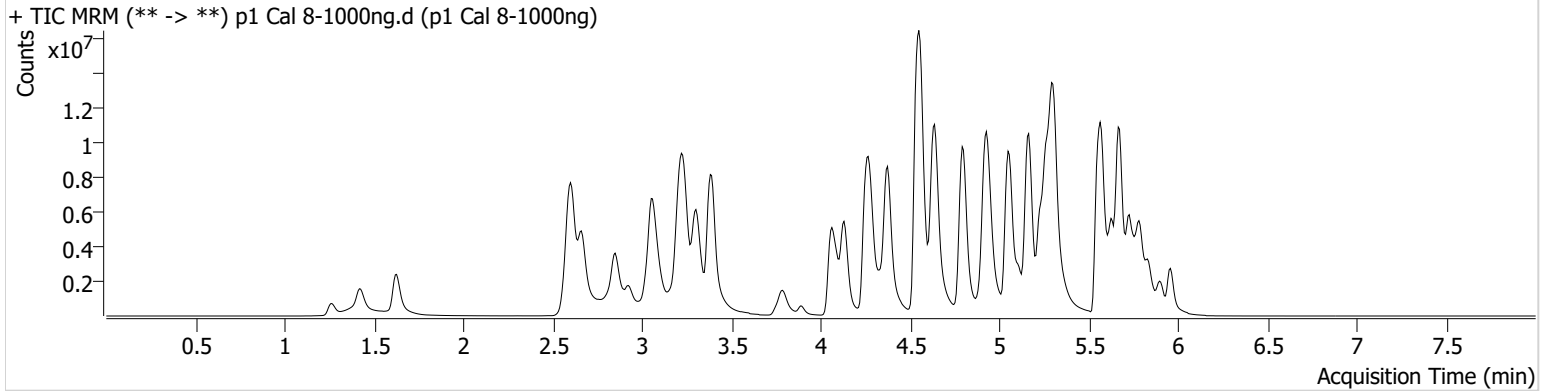
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\031122 AM 27 28 CS\QuantResults\AM 28 MDQ P1.batch.bin
Calibration Last Update 3/16/2022 11:18:57 AM

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	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	3/14/2022 11:23:32 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	332251	798.57	68.5	466923.83	91445	103.7680 ng/ml
7-aminoclonazepam	4.271	685849	3697.63	73.9	991.39	44484	655.4210 ng/ml
a-hydroxyalprazolam	5.692	533548	144.36	66.5	151.74	169531	392.4565 ng/ml
alpha-PHP	4.944	3270598	37146.74	266.0	64528.95	666333	864.2186 ng/ml
alpha-PVP	4.376	16384814	457652.24	52.4	2204.98	666333	1049.2853 ng/ml
Alprazolam	5.782	4649063	448.06	107.2	762.32	169531	997.3338 ng/ml
Amphetamine	3.063	15911269	214.56	47.9	251.87	474254	530.2428 ng/ml
Benzoylecgonine	3.892	570363	782.05	7.9	604.64	19560	1004.6397 ng/ml
Buprenorphine	5.853	488568	42145.95	14.8	93795.88	125386	135.1784 ng/ml
Bupropion	4.795	18430743	714011.12	63.5	225097.37	740687	921.7670 ng/ml
Carisoprodol	5.737	2589240	2056.51	54.5	19508.72	103344	1039.8037 ng/ml
Citalopram	5.226	8182403	73996.95	37.5	193411.71	350208	1020.3898 ng/ml
Clonazepam	5.612	2885947	13486.64	34.0	17744.59	52445	823.0608 ng/ml
Clonazepam	5.548	1259777	50541.98	38.0	217837.06	52445	532.1419 ng/ml
Cocaine	4.277	8135123	239076.16	53.4	79824.14	697550	1026.6347 ng/ml
Codeine	2.600	801031	248.50	92.8	561.43	59628	767.7692 ng/ml
Cyclobenzaprine	5.635	8107611	49509.83	6.9	676.38	295008	1086.2068 ng/ml
Dextromethorphan	5.275	4254150	304579.85	78.5	52358.44	204202	1016.5917 ng/ml
Dextrophan	4.132	4514567	182646.30	222.7	346640.61	470685	1070.6776 ng/ml
Diazepam	5.960	3491050	3905.27	90.3	∞	181166	975.1749 ng/ml
Dihydrocodeine	2.565	3024638	34303.29	62.7	25094.32	325889	643.9791 ng/ml
Diphenhydramine	5.309	24640517	134412.62	35.6	38094.65	1364873	968.1476 ng/ml
Doxylamine	4.549	31053175	35878.60	98.7	323251.68	1884461	722.6341 ng/ml
EDDP	5.268	13062074	95470.12	40.2	49180.81	666664	1152.7453 ng/ml
Etizolam	5.820	1965433	8879.98	25.9	318340.04	52445	1355.0585 ng/ml
Fentanyl	5.109	1563905	124838.00	74.0	5727.18	836409	108.9312 ng/ml
Flualprazolam	5.705	1540197	16137.60	108.2	21629.98	169531	820.9396 ng/ml
Fluoxetine	5.727	4353244	240775.51	8.4	1914.18	139313	1120.3427 ng/ml
Hydrocodone	3.025	5437811	225.52	33.7	348.29	376943	871.7606 ng/ml
Hydromorphone	1.628	5153812	17090985.10	74.3	15189.50	172383	1003.9772 ng/ml
Ketamine	4.065	10613657	307021.30	36.6	27855.75	584661	902.3862 ng/ml
Lamotrigine	4.301	444190	25062.59	86.0	751.95	584661	437.9561 ng/ml
Levetiracetam	2.663	4628887	17060.18	149.3	2973.64	1011608	1090.9052 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	1005207	34819.12	50.3	3234.87	52445	365.2100 ng/ml
MDA	3.196	7451281	8010.87	27.7	2907.00	394770	707.0849 ng/ml
MDMA	3.303	9159075	4243.95	93.9	136847.53	112866	983.1426 ng/ml
Meprobamate	4.904	1519877	4461.20	24.8	3175.04	262758	323.8173 ng/ml
Methadone	5.673	17334318	99323.82	53.3	327991.09	732906	975.6746 ng/ml
Methamphetamine	3.236	21879588	113639.41	36.8	86561.89	1457200	653.9373 ng/ml
Metoprolol	4.340	1965612	65630.93	97.6	415024.03	1366233	703.2296 ng/ml
Mirtazapine	4.641	22742755	174798.85	47.2	133147.91	666333	1018.2500 ng/ml
Mitragynine	5.243	2913679	118702.56	36.9	64153.94	732906	941.3245 ng/ml
Morphine	1.267	811195	120810.56	19.5	10385.18	16570	946.8227 ng/ml
Norbuprenorphine	5.006	57142	4184.97	96.0	234.75	26616	98.9516 ng/ml
Nordiazepam	5.906	2607123	261.96	54.9	4196.70	92110	991.7794 ng/ml
Norfentanyl	4.093	2659908	61117.62	36.5	23217.95	760526	142.9076 ng/ml
Norhydrocodone	3.080	893414	122.59	41.2	137.28	54137	1285.6865 ng/ml
Noroxycodone	2.923	3387420	11118.98	48.3	16200.01	124525	967.6278 ng/ml
O-desmethyl-tramadol	3.388	23862735	∞	5.9	14186.77	1411191	983.0670 ng/ml
Oxazepam	5.756	1403317	98215.40	74.8	3042.95	62016	933.4041 ng/ml
Oxycodone	2.848	11674168	1963.00	28.9	2650.14	530332	949.8474 ng/ml
Oxymorphone	1.418	5019696	∞	45.5	∞	172615	972.8988 ng/ml
Phentermine	3.790	4896891	∞	5.6	4262.36	1018627	638.7197 ng/ml
Promethazine	5.552	15918940	218745.78	30.0	7977.98	666044	1023.3343 ng/ml
Pseudoephedrine	2.603	23937928	101893.41	16.2	1251.19	1011608	1103.7481 ng/ml
Quetiapine	5.569	10462987	525.35	60.8	505.57	200196	853.0320 ng/ml
Sertraline	5.796	1190206	29976.87	92.8	44550.93	50811	1009.2342 ng/ml
Temazepam	5.830	4574116	66885.38	26.5	10919.28	239091	984.1286 ng/ml
Tramadol	4.252	19984149	1230.12	3.3	645.52	1366233	818.4877 ng/ml
Trazodone	5.163	17128018	323849.06	80.0	244201.38	883016	851.3060 ng/ml
Venlafaxine	5.050	21418874	8205.65	34.7	34459.73	1139100	1021.9074 ng/ml
Zolpidem	4.921	19933098	450282.33	29.4	213586.76	1298618	706.2386 ng/ml