

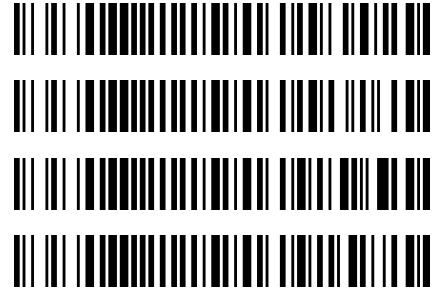
Worklist: 5770

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-1072	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1074	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1081	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1133	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1195	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1195	5	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1252	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1298	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4010	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0716	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0864	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0871	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0875	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0880	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0881	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0882	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0886	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0892	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0895	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0898	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0902	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 5770

cg

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-0904	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0906	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0925	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-0926	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 04/07/2022

Analyst: Celena Shrum

Plate lot#: 220324

Plate Retest Date: 09/24/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 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 5-250, Amphetamine 5-250, Clonazepam 5-500, Clonazolam 5-250, Dihydrocodeine 5-500, Etizolam 5-500, Lamotrigine 5-500, Lorazepam 5-100, Methamphetamine 5-500, Metoprolol 5-500, Norfentanyl 0.5-50, Phentermine 5-500, ~~Zolpidem 5-500.~~

Quetiapine 5-500 rev. 4/14/22

**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									P2022-0892-1	P2022-0716-1	M2022-1074-1	IS + Cal. 8
B								P2022-0926-1	P2022-0886-1	P2021-4010-1	M2022-1072-1	IS + Cal. 7
C								P2022-0925-1	P2022-0882-1	M2022-1298-2	Neg Ctrl	IS + Cal. 6
D								P2022-0906-1	P2022-0881-1	M2022-1252-2	IS + QC_2	IS + Cal. 5
E								P2022-0904-1	P2022-0880-1	M2022-1195-5	IS + QC_4	IS + Cal. 4
F								P2022-0902-1	P2022-0875-1	M2022-1195-4	IS + QC_3	IS + Cal. 3
G								P2022-0898-1	P2022-0871-1	M2022-1133-1	IS + QC_2	IS + Cal. 2
H								P2022-0895-1	P2022-0864-1	M2022-1081-3	IS + QC_1	IS + Cal. 1

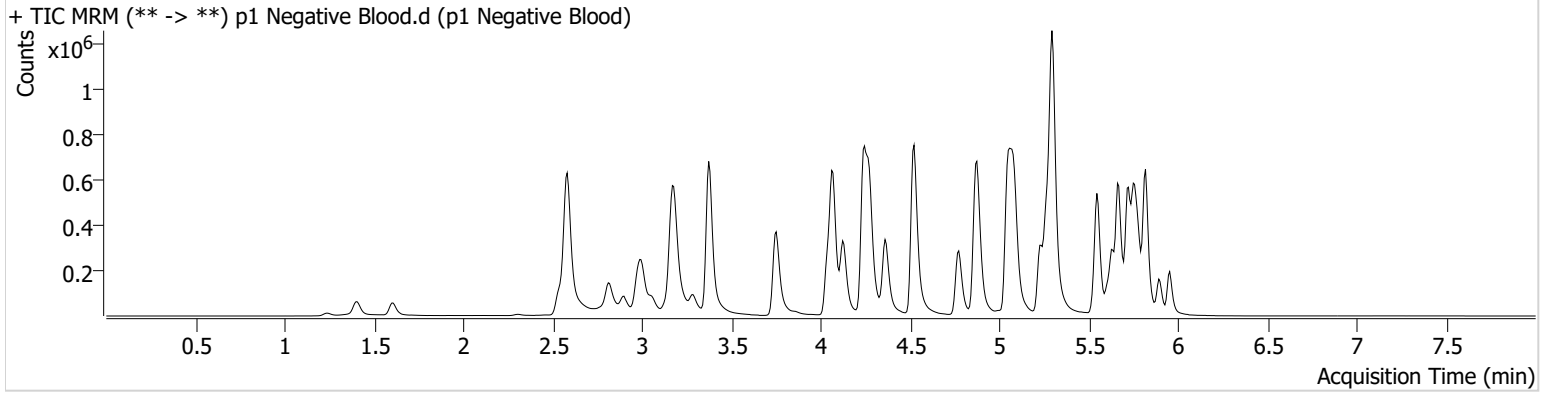
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C11	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 11:13:04 PM		
Sample Info.			

Sample Chromatogram



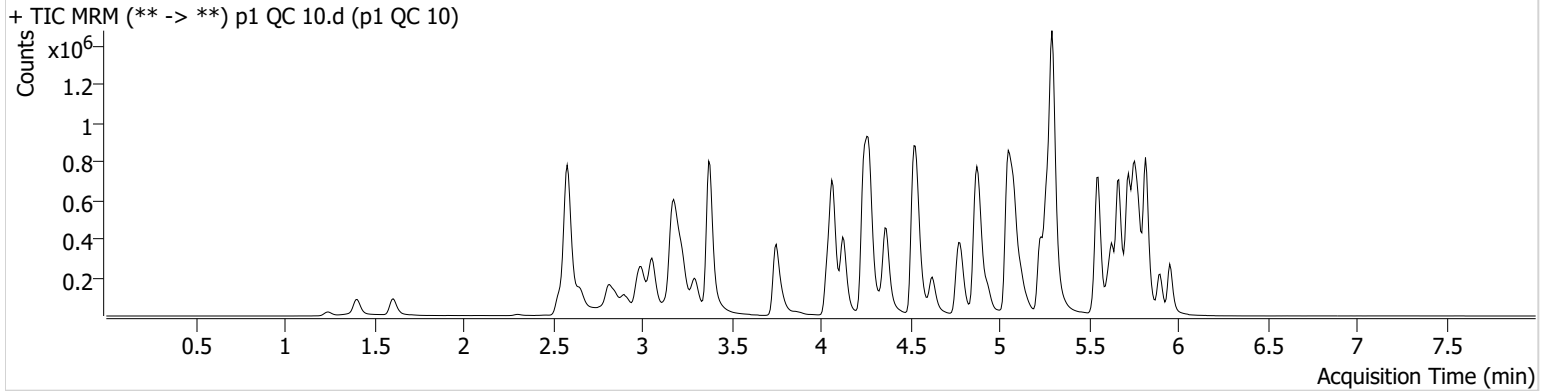
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-H11	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 9:48:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	3677	22.58	67.3	7046.74	92639	1.0372 ng/ml
7-aminoclonazepam	4.263	56075	182.44	77.2	73.32	198464	9.9662 ng/ml
a-hydroxyalprazolam	5.699	37385	262.34	69.0	604.43	451374	10.6238 ng/ml
alpha-PHP	4.936	60764	1492.95	252.0	798.01	851969	10.1134 ng/ml
alpha-PVP	4.375	218343	263.09	52.9	845.73	851969	9.6540 ng/ml
Alprazolam	5.782	121928	524.98	111.8	1068.30	451374	9.9658 ng/ml
Amphetamine	3.058	415495	453.06	51.9	393.73	567893	10.2924 ng/ml
Benzoylecgonine	3.884	6287	100.70	7.6	9.82	19845	10.2578 ng/ml
Buprenorphine	5.772	4614	264.90	14.2	1028.11	160944	1.0320 ng/ml
Bupropion	4.787	227507	670.75	63.3	707.31	836737	9.9872 ng/ml
Carisoprodol	5.731	151414	8161.17	54.0	329.91	673972	10.4273 ng/ml
Citalopram	5.232	158167	2665.15	38.9	1416.73	704591	9.9729 ng/ml
Clonazepam	5.612	136727	3750.27	34.9	406.67	187409	10.3237 ng/ml
Clonazepam	5.556	94900	2337.82	37.1	49339.41	187409	10.5090 ng/ml
Cocaine	4.269	143461	385.67	55.0	2606.05	1215335	9.6505 ng/ml
Codeine	2.587	18546	2068.88	109.3	3181.86	95526	10.1759 ng/ml
Cyclobenzaprine	5.635	116199	195.11	7.4	6668.03	463352	9.8488 ng/ml
Dextromethorphan	5.275	103656	146.20	78.0	3219.21	418364	10.1706 ng/ml
Dextrophan	4.130	66794	6203.10	210.1	936.59	703325	10.1311 ng/ml
Diazepam	5.960	86063	320.06	93.3	356.23	372373	10.7805 ng/ml
Dihydrocodeine	2.566	48046	96.85	62.9	302.39	277817	10.1947 ng/ml
Diphenhydramine	5.295	471304	406.76	31.3	160.98	2612033	10.3852 ng/ml
Doxylamine	4.542	465172	844.70	100.1	5266.70	2031151	10.1642 ng/ml
EDDP	5.267	145055	272.35	41.7	2461.05	806355	9.2477 ng/ml
Etizolam	5.820	49610	7887.54	27.2	7429.76	187409	9.9465 ng/ml
Fentanyl	5.102	14714	376.85	74.3	17883.93	755568	0.9951 ng/ml
Flualprazolam	5.706	56289	2635.38	99.0	1396.58	451374	10.5165 ng/ml
Fluoxetine	5.721	97343	4786.94	8.5	44666.82	352401	10.5254 ng/ml
Hydrocodone	3.027	78841	219.49	33.8	61.97	419803	9.9193 ng/ml
Hydromorphone	1.615	62779	14413.45	75.6	926.06	187088	9.8111 ng/ml
Ketamine	4.056	153252	4523.46	37.5	176.13	689395	10.1258 ng/ml
Lamotrigine	4.285	13950	432.28	85.2	1295.64	689395	10.4108 ng/ml
Levetiracetam	2.658	84875	772.28	139.1	725.72	1964872	11.0095 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	105416	7433.90	49.5	172.59	187409	9.5943 ng/ml
MDA	3.205	270326	1034.22	30.1	455.40	762414	11.4131 ng/ml
MDMA	3.299	148273	650.33	94.6	1890.37	174578	9.8549 ng/ml
Meprobamate	4.910	96059	210.21	24.6	2103.11	430559	10.4726 ng/ml
Methadone	5.666	251512	1349.21	52.4	729.54	1056387	10.2070 ng/ml
Methamphetamine	3.227	354021	568.50	39.8	524.83	1240406	10.3242 ng/ml
Metoprolol	4.331	44652	4814.76	92.5	975.48	1680737	10.6638 ng/ml
Mirtazapine	4.623	315018	6511.42	46.7	1751.87	851969	9.9769 ng/ml
Mitragynine	5.229	50210	71564.12	35.2	239.91	1056387	10.8707 ng/ml
Morphine	1.247	9233	349.56	20.2	16.82	16384	9.9449 ng/ml
Norbuprenorphine	4.998	799	1393.70	89.4	464.42	22117	1.2381 ng/ml
Nordiazepam	5.900	85234	4615.96	60.2	475.59	284086	10.0775 ng/ml
Norfentanyl	4.090	34497	85.43	35.8	161.49	1426991	0.9951 ng/ml
Norhydrocodone	3.075	13804	143.60	36.5	33.92	115503	10.0205 ng/ml
Noroxycodone	2.918	75348	301.55	47.8	407.84	233796	10.1965 ng/ml
O-desmethyl-tramadol	3.379	340413	402.39	5.6	186.75	1792699	9.8882 ng/ml
Oxazepam	5.756	150269	629.14	71.2	217.28	775070	10.3509 ng/ml
Oxycodone	2.843	141517	3097.83	28.8	720.48	497084	10.4506 ng/ml
Oxymorphone	1.405	60587	215.34	47.5	98.02	207359	9.7078 ng/ml
Phentermine	3.787	101561	156.89	5.7	51.11	1069623	10.6702 ng/ml
Promethazine	5.552	217333	8037.75	30.3	1339.87	952641	9.9465 ng/ml
Pseudoephedrine	2.590	382713	7165.84	17.5	2635.37	1964872	9.8404 ng/ml
Quetiapine	5.548	176237	8723.53	58.9	268.31	272575	10.2683 ng/ml
Sertraline	5.790	33621	219.10	93.2	42281.97	127195	11.2819 ng/ml
Temazepam	5.824	251532	7967.57	26.6	134.55	1237359	9.4510 ng/ml
Tramadol	4.251	366712	14328.70	3.3	85.13	1680737	10.1727 ng/ml
Trazodone	5.121	185999	574.12	79.6	1359.57	782204	9.7449 ng/ml
Venlafaxine	5.050	302637	6912.96	34.7	170.66	1538908	10.2485 ng/ml
Zolpidem	4.886	339667	466.05	30.7	14924.76	1528040	10.3682 ng/ml

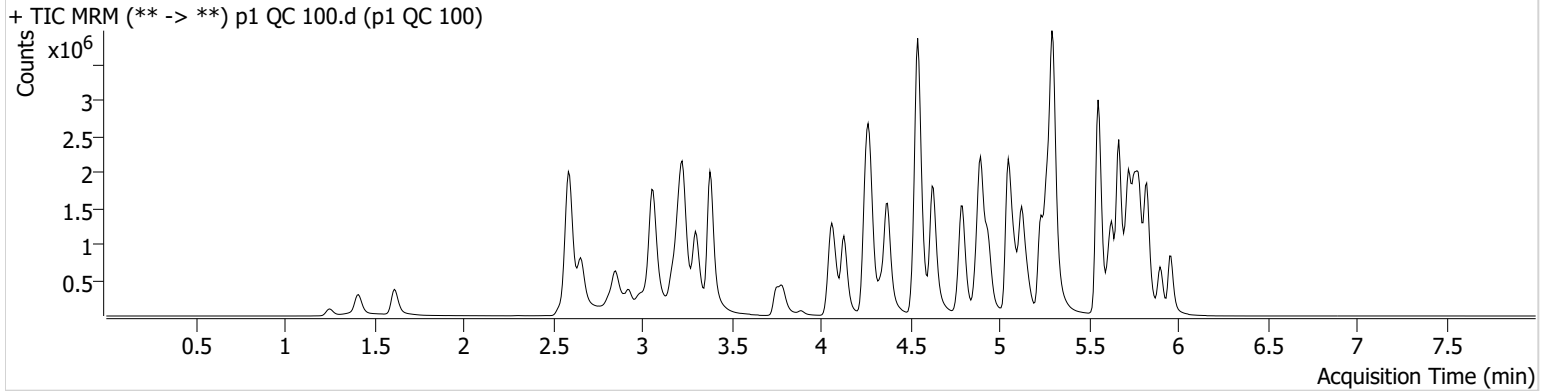
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-G11	Comment	
Injection Volume	2		
Acq. Date-Time	4/8/2022 8:35:53 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	33936	6542.67	69.5	22455.13	89313	9.9662 ng/ml
7-aminoclonazepam	4.270	468256	922.60	80.3	263.54	175284	111.9093 ng/ml
a-hydroxyalprazolam	5.699	262033	910.06	68.6	1047.32	372334	98.3194 ng/ml
alpha-PHP	4.936	571587	5420.65	261.1	1640.58	811913	100.4608 ng/ml
alpha-PVP	4.375	2146458	205647.14	52.2	3587.28	811913	98.4896 ng/ml
Alprazolam	5.782	1071272	2014.40	108.9	1157.48	372334	102.8901 ng/ml
Amphetamine	3.065	3629170	30430.03	48.6	3894.66	546964	98.2526 ng/ml
Benzoylcegonine	3.890	61829	9621.04	7.9	120.33	19449	97.6295 ng/ml
Buprenorphine	5.779	42066	20028.91	16.2	9954.26	157844	9.8830 ng/ml
Bupropion	4.794	2247289	187736.26	63.0	19467.30	838536	99.1891 ng/ml
Carisoprodol	5.731	1120125	1378707.27	53.8	12942.72	484304	93.0374 ng/ml
Citalopram	5.232	1518977	27869.77	38.4	26396.33	655981	99.9080 ng/ml
Clonazepam	5.612	1070864	35946.61	35.1	22822.99	154822	103.0829 ng/ml
Clonazepam	5.556	718758	1271965.30	36.5	314524.01	154822	102.7070 ng/ml
Cocaine	4.276	1305599	1643578.11	54.3	1438628.71	1103361	98.3360 ng/ml
Codeine	2.594	168155	189.80	101.7	345.68	87018	108.8415 ng/ml
Cyclobenzaprine	5.635	1193122	738.38	7.5	668.13	461909	96.4917 ng/ml
Dextromethorphan	5.275	961144	32890.28	79.4	73644.25	398789	100.8392 ng/ml
Dextrophan	4.130	621870	692.28	218.0	1252.71	662829	98.9749 ng/ml
Diazepam	5.960	757707	7569.27	91.8	861.27	336961	106.5856 ng/ml
Dihydrocodeine	2.566	470296	10480.41	60.3	6738.39	278293	105.0303 ng/ml
Diphenhydramine	5.302	4612546	190187.32	31.5	∞	2524997	102.6122 ng/ml
Doxylamine	4.542	4783453	133815.45	99.4	336653.41	2054761	103.3980 ng/ml
EDDP	5.267	1306357	38082.24	41.4	307.45	707178	94.1783 ng/ml
Etizolam	5.820	437051	3116.17	26.5	118911.62	154822	100.5713 ng/ml
Fentanyl	5.102	149707	7692.55	76.0	5111.55	767247	10.0391 ng/ml
Flualprazolam	5.706	472884	12805.61	101.5	22315.18	372334	111.0588 ng/ml
Fluoxetine	5.721	776660	47581.79	9.2	168101.77	299336	95.3089 ng/ml
Hydrocodone	3.027	688782	211.04	34.7	213.55	405080	98.3415 ng/ml
Hydromorphone	1.615	608638	3749.35	74.2	2242589.85	179785	99.5778 ng/ml
Ketamine	4.056	1471070	54502.23	37.8	9031.22	673531	103.2023 ng/ml
Lamotrigine	4.292	122863	4450.29	84.1	3816.71	673531	104.8674 ng/ml
Levetiracetam	2.658	748384	859.83	141.6	440.09	1813802	97.4374 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	596512	18409.61	51.8	1586.58	154822	75.8351 ng/ml
MDA	3.205	2139740	10543.47	29.7	977.48	656535	115.8499 ng/ml
MDMA	3.299	1422696	6138.53	94.2	2712.88	164874	100.6827 ng/ml
Meprobamate	4.910	701451	1425.09	25.1	7245.68	344705	103.3626 ng/ml
Methadone	5.666	2598067	102303.98	50.9	2952.72	1049021	96.8807 ng/ml
Methamphetamine	3.233	3278630	1818.88	38.8	858.02	1253621	103.0404 ng/ml
Metoprolol	4.338	401656	879255.37	95.1	82328.66	1653184	104.0745 ng/ml
Mirtazapine	4.630	3156797	12153.79	45.6	719.39	811913	99.9362 ng/ml
Mitragynine	5.229	483354	1135.57	35.4	158096.69	1049021	103.7233 ng/ml
Morphine	1.253	92137	492.95	20.2	369.04	16073	99.2727 ng/ml
Norbuprenorphine	5.005	5778	6032.12	103.3	8410.07	22371	11.0813 ng/ml
Nordiazepam	5.900	705294	1592.78	59.6	4077.96	235445	103.2640 ng/ml
Norfentanyl	4.090	339953	357874.37	35.8	969.67	1352639	10.0263 ng/ml
Norhydrocodone	3.082	113125	∞	37.9	144.66	85259	99.3433 ng/ml
Noroxycodone	2.925	629137	495.64	48.5	2489.62	203347	101.6635 ng/ml
O-desmethyl-tramadol	3.379	3355931	1300.91	5.6	407.77	1739742	98.8048 ng/ml
Oxazepam	5.756	950959	10904.20	74.4	141.52	521923	101.5520 ng/ml
Oxycodone	2.843	1325755	1014.07	28.9	8308.33	494870	105.9269 ng/ml
Oxymorphone	1.411	580683	266.80	46.8	∞	195200	102.4373 ng/ml
Phentermine	3.787	913364	830.15	5.6	2306.48	1057244	104.5144 ng/ml
Promethazine	5.552	2183736	5201.16	30.2	21062.99	932732	98.0082 ng/ml
Pseudoephedrine	2.597	3690432	51458.80	16.8	16563.45	1813802	97.4626 ng/ml
Quetiapine	5.548	1666561	333260.38	60.5	35059.31	281025	101.6780 ng/ml
Sertraline	5.790	224557	6131.98	94.6	25502.45	92096	99.1045 ng/ml
Temazepam	5.824	1900644	∞	26.7	509.42	919887	100.4410 ng/ml
Tramadol	4.257	3410428	91446.12	3.2	4569.92	1653184	99.4089 ng/ml
Trazodone	5.121	1998398	2438504.72	76.8	1162511.89	794631	99.5274 ng/ml
Venlafaxine	5.050	2975429	2762.27	33.8	1479.83	1489715	101.0224 ng/ml
Zolpidem	4.893	3299840	252342.20	29.7	200100.22	1480428	107.3838 ng/ml

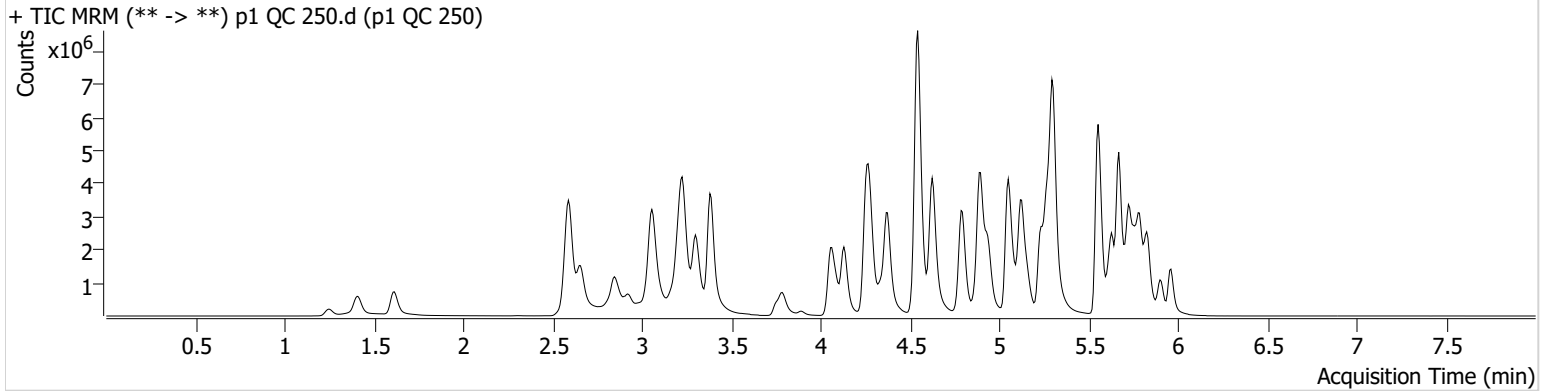
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-F11	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 10:09:17 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	78238	107076.50	71.3	233240.92	85715	23.9476 ng/ml
7-aminoclonazepam	4.270	688434	33627.18	79.9	415.90	119921	242.8904 ng/ml
a-hydroxyalprazolam	5.699	382028	2039.25	67.7	1359.89	287681	186.4762 ng/ml
alpha-PHP	4.936	1305367	27789.43	256.3	245856.30	735034	253.5336 ng/ml
alpha-PVP	4.375	4953732	21013.44	52.0	38982.98	735034	250.8921 ng/ml
Alprazolam	5.782	2052035	1012.76	107.7	939.61	287681	254.5831 ng/ml
Amphetamine	3.058	7145099	418.22	47.8	259.44	510554	207.9097 ng/ml
Benzoylecgonine	3.890	131736	6778.06	8.1	70065.20	16448	245.0753 ng/ml
Buprenorphine	5.772	98509	10152.14	14.7	12251.82	144027	25.4187 ng/ml
Bupropion	4.794	5147328	349055.48	63.0	13622.84	771654	247.0061 ng/ml
Carisoprodol	5.731	1794252	571170.27	54.8	9131.81	299059	238.8897 ng/ml
Citalopram	5.232	3321312	36705.61	38.3	27367.51	568760	251.4696 ng/ml
Clonazepam	5.612	1817258	31721.09	35.1	∞	114755	236.8024 ng/ml
Clonazepam	5.563	1121774	1889.76	38.4	23478.90	114755	217.1257 ng/ml
Cocaine	4.276	2822486	2969.29	54.3	1399.60	950127	247.1385 ng/ml
Codeine	2.587	332246	14371.14	99.6	8134.36	76185	246.6909 ng/ml
Cyclobenzaprine	5.635	3030421	817.58	7.2	11936.84	442674	254.8505 ng/ml
Dextromethorphan	5.275	2018731	73615.98	78.8	333653.50	332546	254.3175 ng/ml
Dextrophan	4.130	1455973	47250.88	215.0	1936.35	601621	255.1060 ng/ml
Diazepam	5.960	1487800	1163.25	92.3	3424.23	271531	259.9977 ng/ml
Dihydrocodeine	2.566	1031704	33608.24	61.6	2898.54	266208	241.6667 ng/ml
Diphenhydramine	5.302	10500997	199800.01	30.7	42892.18	2163718	272.1553 ng/ml
Doxylamine	4.542	11712291	300166.66	97.3	143727.45	1932554	269.1934 ng/ml
EDDP	5.267	3247468	406796.63	40.7	609.79	690955	239.4837 ng/ml
Etizolam	5.820	878294	9262.60	26.0	197096.91	114755	271.7010 ng/ml
Fentanyl	5.102	381843	10914.59	74.5	1104835.38	752259	26.1280 ng/ml
Flualprazolam	5.706	861619	12767.42	105.4	12160.59	287681	262.4845 ng/ml
Fluoxetine	5.721	2057151	14569.62	8.5	15911.03	289821	259.9985 ng/ml
Hydrocodone	3.027	1537413	194.81	34.6	292.39	369897	241.9144 ng/ml
Hydromorphone	1.615	1417740	3754406.55	74.1	2411127.12	159620	261.3628 ng/ml
Ketamine	4.056	3363850	544706.22	37.6	20342.70	630314	252.7777 ng/ml
Lamotrigine	4.292	235635	6285.16	86.4	2943.96	630314	216.3533 ng/ml
Levetiracetam	2.658	1428500	11761.01	142.7	3833.42	1524823	220.0862 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	721903	18750.41	51.0	6963.96	114755	124.9149 ng/ml*
MDA	3.205	3935549	12209.70	29.5	2407.59	553783	254.1912 ng/ml
MDMA	3.299	3207566	8088.22	95.1	9452.16	147524	253.7850 ng/ml
Meprobamate	4.910	1252308	610.00	25.2	31972.55	260799	245.2174 ng/ml
Methadone	5.666	6274919	110552.65	49.2	1162.05	959996	254.0669 ng/ml
Methamphetamine	3.227	7621275	85798.35	37.4	21687.54	1246153	242.3388 ng/ml
Metoprolol	4.338	845500	1356.31	96.6	15923.57	1443710	252.0021 ng/ml
Mirtazapine	4.623	7545259	109137.91	44.6	178436.79	735034	262.9897 ng/ml
Mitragynine	5.229	1099616	7555.08	35.9	546.81	959996	257.5658 ng/ml
Morphine	1.247	219949	2256.14	20.0	136.23	15380	247.3445 ng/ml
Norbuprenorphine	5.005	14147	∞	100.6	123.10	25172	24.5383 ng/ml
Nordiazepam	5.900	1333908	29110.45	59.0	2365.22	180529	255.1422 ng/ml
Norfentanyl	4.090	799518	30384.51	36.8	478.66	1187462	26.8034 ng/ml
Norhydrocodone	3.075	246884	∞	40.4	149.30	69283	264.8125 ng/ml
Noroxycodone	2.918	1192920	6972.64	49.9	2002.41	155458	252.7983 ng/ml
O-desmethyl-tramadol	3.379	7973310	257428.28	5.5	35461.13	1595958	255.6126 ng/ml
Oxazepam	5.756	1217300	4563.91	71.8	3608.35	276623	245.9896 ng/ml
Oxycodone	2.843	2877443	436.01	29.2	507.65	457304	250.0078 ng/ml
Oxymorphone	1.405	1392691	∞	48.0	2476.55	184199	260.9594 ng/ml
Phentermine	3.787	1873388	∞	5.8	223.83	996746	228.4577 ng/ml
Promethazine	5.552	5433245	212333.80	29.8	2333.39	895712	253.2292 ng/ml
Pseudoephedrine	2.590	8288144	86516.43	16.6	861.84	1524823	259.4255 ng/ml
Quetiapine	5.548	3496778	459282.50	61.9	51545.97	277469	217.1073 ng/ml
Sertraline	5.790	699114	22574.55	91.8	67049.00	110166	256.9663 ng/ml
Temazepam	5.824	3098576	84063.95	26.3	901.49	598948	252.2069 ng/ml
Tramadol	4.251	7697984	∞	3.1	423.14	1443710	257.5464 ng/ml
Trazodone	5.121	4868255	1191.81	77.7	631691.27	746253	257.5861 ng/ml
Venlafaxine	5.050	7127291	187189.45	32.6	14379.17	1348929	266.6924 ng/ml
Zolpidem	4.886	7833466	1650.86	28.0	66730.00	1418916	266.5278 ng/ml

*Outside curve range

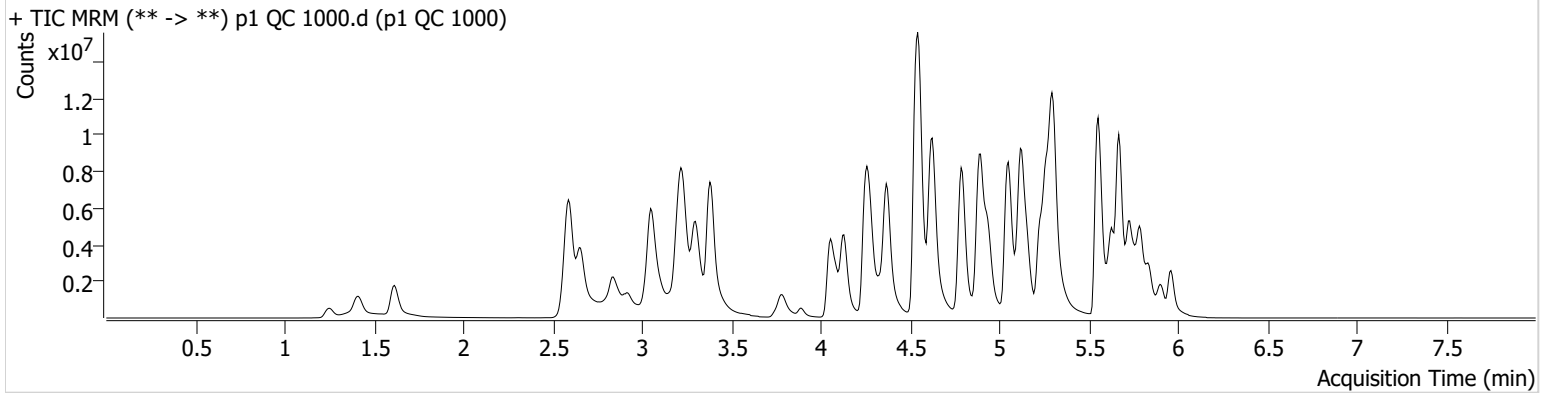
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-E11	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 10:30:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	242548	1748.03	69.6	97090.37	64378	98.8611 ng/ml
7-aminoclonazepam	4.270	862611	2094.85	87.1	3032.82	57669	636.2325 ng/ml *
a-hydroxyalprazolam	5.692	484069	142.96	65.5	284.61	142133	479.9269 ng/ml *
alpha-PHP	4.936	3315114	112765.76	266.5	1053862.36	478483	989.3118 ng/ml
alpha-PVP	4.368	13476648	15072.22	52.6	33938.10	478483	1048.1460 ng/ml
Alprazolam	5.782	3898982	321.93	106.8	396.84	142133	978.1069 ng/ml
Amphetamine	3.051	14355712	265606.52	47.8	68354.19	362024	590.2242 ng/ml *
Benzoylcegonine	3.890	539832	882.64	8.0	275.89	17191	959.1488 ng/ml
Buprenorphine	5.772	247676	3621.21	14.9	136380.02	99896	92.2343 ng/ml
Bupropion	4.787	14872342	208633.88	62.5	174115.99	585919	940.1557 ng/ml
Carisoprodol	5.731	2500013	650723.90	54.1	16861.52	93373	1060.7566 ng/ml
Citalopram	5.225	6895986	84946.84	37.3	92187.12	287804	1030.8323 ng/ml
Clonazepam	5.612	2599489	49076.45	35.0	166853.00	53353	729.8451 ng/ml *
Clonazolam	5.569	1411261	119133.98	38.7	63041.72	53353	588.8538 ng/ml *
Cocaine	4.269	6558318	1068.43	54.2	130166.23	538349	1014.0365 ng/ml
Codeine	2.587	728085	10788.90	97.1	13529.58	50619	815.5727 ng/ml
Cyclobenzaprine	5.635	7515569	80253.19	6.9	334.84	257067	1086.6457 ng/ml
Dextromethorphan	5.275	3832151	65409.20	77.8	98619.74	153196	1048.6400 ng/ml
Dextrophan	4.130	3860881	141272.47	219.6	∞	377546	1077.5672 ng/ml
Diazepam	5.960	3356235	477.72	91.3	∞	162059	983.2479 ng/ml
Dihydrocodeine	2.559	2614019	15813.99	62.1	∞	225363	724.5119 ng/ml *
Diphenhydramine	5.302	22124474	125276.82	34.2	45085.14	1162433	1066.5040 ng/ml
Doxylamine	4.542	27331652	18822.51	98.6	248147.66	1466521	827.8298 ng/ml
EDDP	5.261	11048867	49124.98	40.3	∞	554653	1014.7520 ng/ml
Etizolam	5.820	1977300	59237.81	25.6	13187.37	53353	1313.4554 ng/ml *
Fentanyl	5.095	1123506	63275.26	77.7	31395.24	563591	102.6348 ng/ml
Flualprazolam	5.706	1419611	24126.88	110.4	28933.44	142133	876.3406 ng/ml
Fluoxetine	5.728	4140520	87207.01	8.7	49147.22	139824	1083.3552 ng/ml
Hydrocodone	3.021	4150698	∞	33.6	∞	274336	883.4219 ng/ml
Hydromorphone	1.615	4133541	12434628.96	74.8	12013975.7	118868	1023.4681 ng/ml
Ketamine	4.056	9113436	328057.55	36.4	34552.01	464041	931.3453 ng/ml
Lamotrigine	4.292	397989	21089.09	86.2	12749.12	464041	498.1371 ng/ml *

AM #28 Multi-Drug Quant. Results



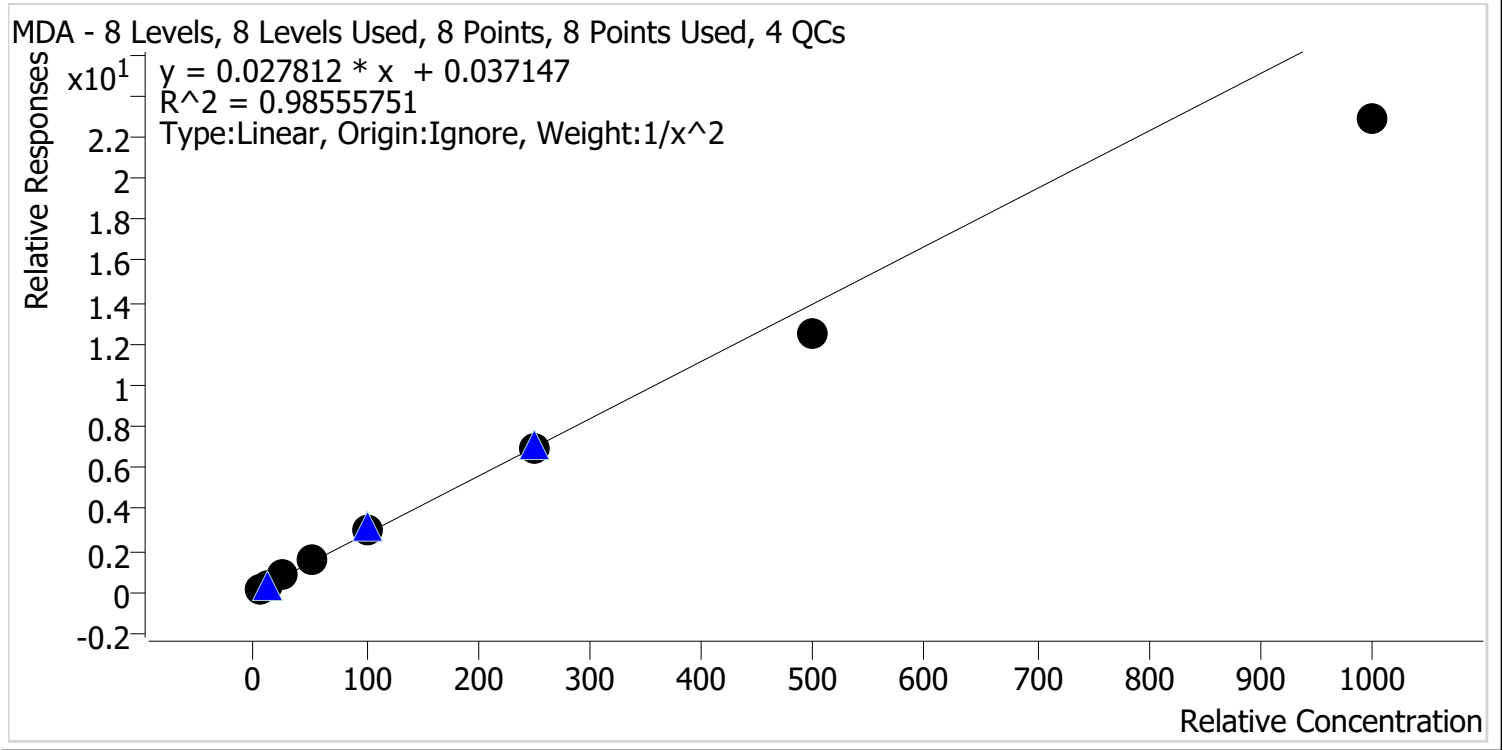
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.658	3710387	5307.10	146.7	112969.82	885875	980.8277 ng/ml
Lorazepam	5.754	855554	26247.89	50.0	5194.22	53353	321.0961 ng/ml*
MDA	3.192	6587593	79520.62	28.4	12861.72	277208	853.1259 ng/ml
MDMA	3.299	8199035	272077.84	88.2	4029.02	90095	1062.4110 ng/ml
Meprobamate	4.910	1727402	30873.84	24.5	474.27	101257	873.6550 ng/ml
Methadone	5.666	15429268	604279.68	51.8	∞	600680	995.5195 ng/ml
Methamphetamine	3.227	18851252	190544.90	37.6	6599.13	1042956	718.2311 ng/ml*
Metoprolol	4.331	1763652	272088.58	97.8	2914.12	997331	762.5533 ng/ml*
Mirtazapine	4.623	19760562	53091.12	45.9	173088.46	478483	1056.4660 ng/ml
Mitragynine	5.229	2681131	377139.37	36.8	804.28	600680	1003.1182 ng/ml
Morphine	1.253	629986	∞	20.6	2793.65	12168	894.9310 ng/ml
Norbuprenorphine	5.005	45719	225.40	96.1	943.62	19894	101.4611 ng/ml
Nordiazepam	5.907	2340264	∞	58.6	5750.90	92964	869.9771 ng/ml
Norfentanyl	4.090	2259973	2231.07	36.5	28586.12	686819	130.8592 ng/ml*
Norhydrocodone	3.075	708511	140.68	41.8	∞	44290	1184.7169 ng/ml
Noroxycodone	2.918	2329336	1318.82	49.2	10468.72	73706	1042.4912 ng/ml
O-desmethyl-tramadol	3.379	21465182	∞	5.6	6011.64	1080808	1015.6003 ng/ml
Oxazepam	5.756	1186170	100.02	74.7	2662.75	74049	896.7819 ng/ml
Oxycodone	2.829	6783465	471.31	29.6	304.79	326685	827.1145 ng/ml
Oxymorphone	1.411	3504974	∞	45.2	∞	132096	916.7848 ng/ml
Phentermine	3.787	4357416	∞	5.8	4081.46	789548	672.6071 ng/ml*
Promethazine	5.552	15016273	124482.24	29.0	110817.33	586365	1067.6827 ng/ml
Pseudoephedrine	2.590	20078028	228621.60	16.2	87539.04	885875	1079.9523 ng/ml
Quetiapine	5.548	6972816	97841.19	59.6	4698492.72	210464	572.2509 ng/ml*
Sertraline	5.790	1468672	150327.07	91.5	27107.10	55937	1061.2839 ng/ml
Temazepam	5.837	4146858	88616.25	26.2	1659.82	200651	1008.9690 ng/ml
Tramadol	4.251	17830354	1479.36	3.2	1161.62	997331	864.4312 ng/ml
Trazodone	5.121	13996159	3687.57	78.7	760712.30	501127	1101.5883 ng/ml
Venlafaxine	5.051	18527219	548541.48	33.3	5959.05	867944	1076.4235 ng/ml
Zolpidem	4.886	19368873	1736489.64	29.0	199298.33	1079152	867.3492 ng/ml

*Outside curve range



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

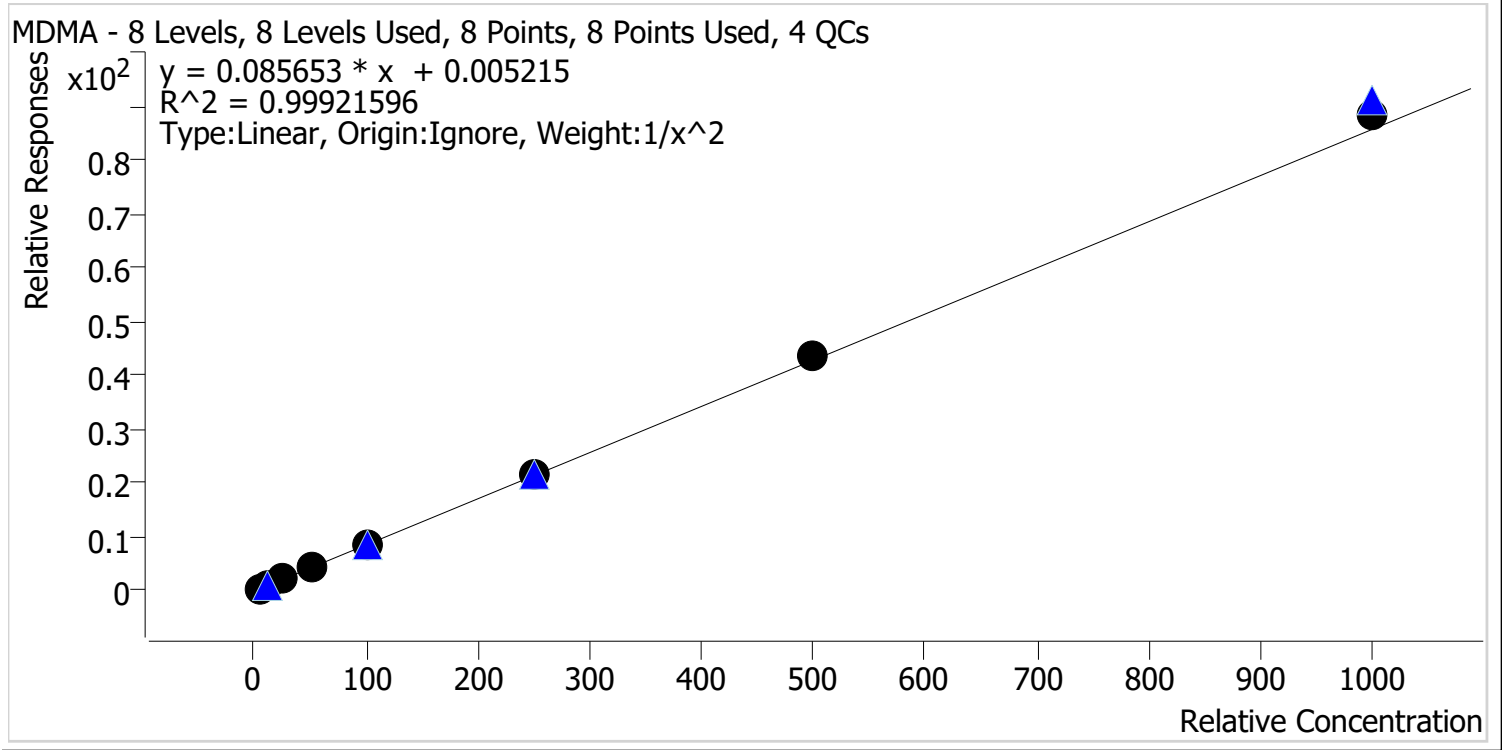


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	108.4	108.4
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	447.8	89.6
p1 Cal 8-1000ng	8	✓	1000.0	820.1	82.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

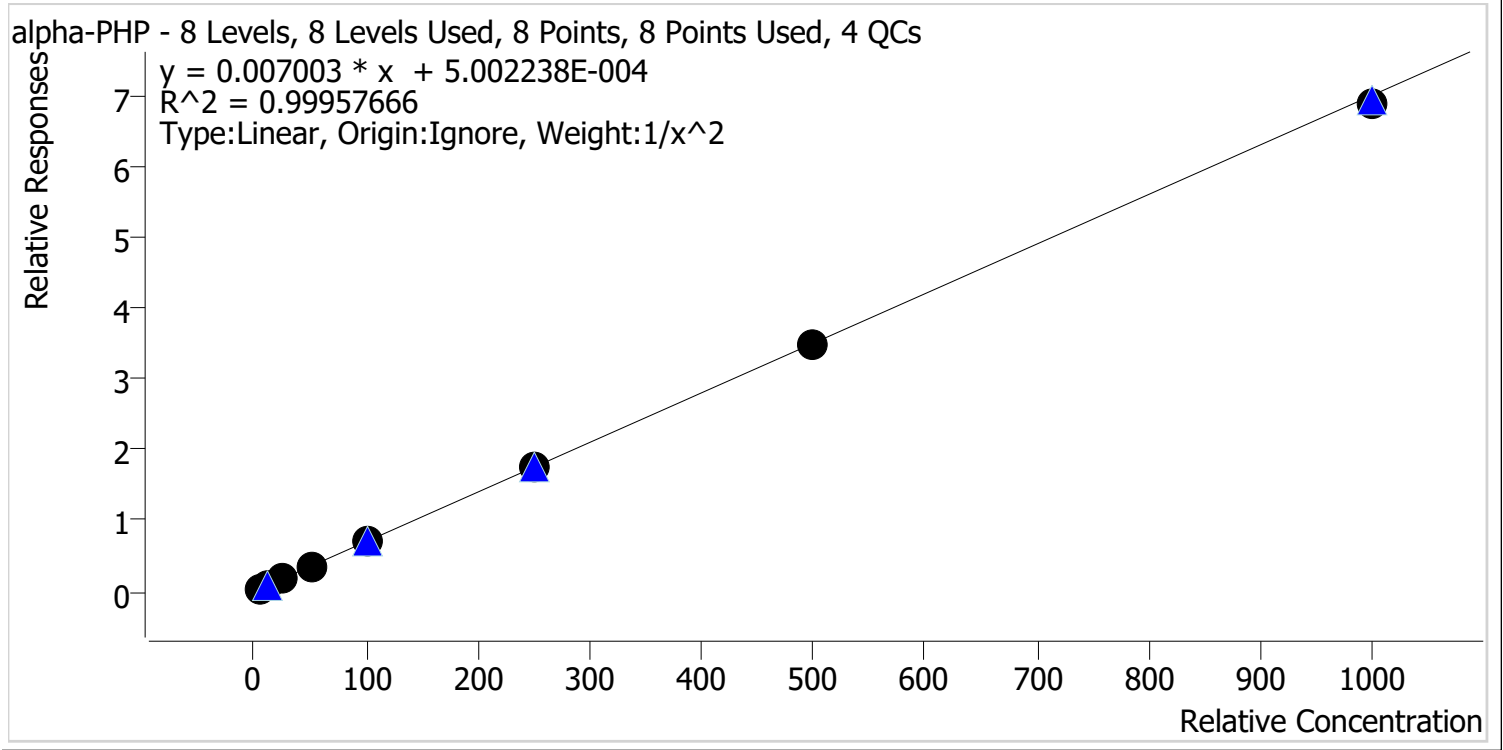


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1030.4	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

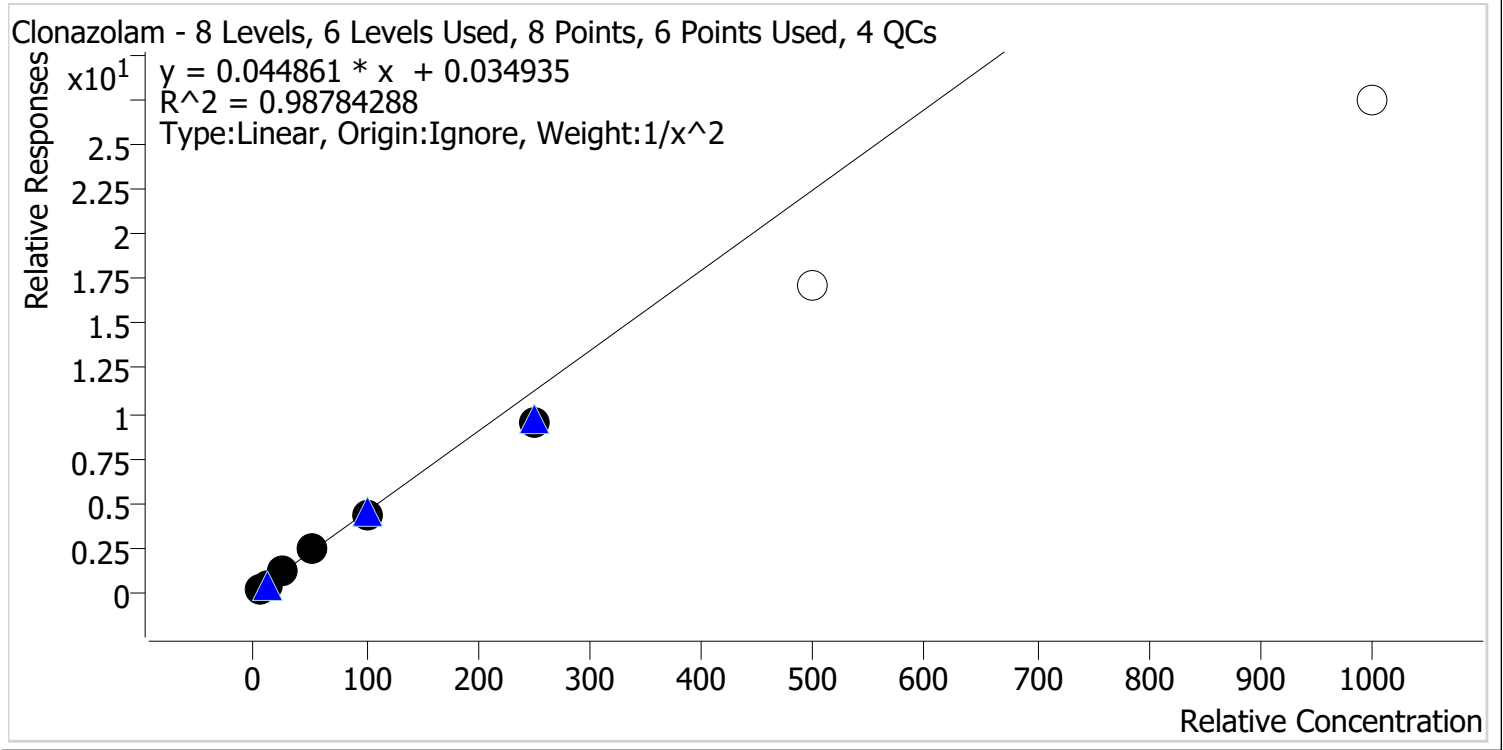


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	494.3	98.9
p1 Cal 8-1000ng	8	✓	1000.0	984.2	98.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



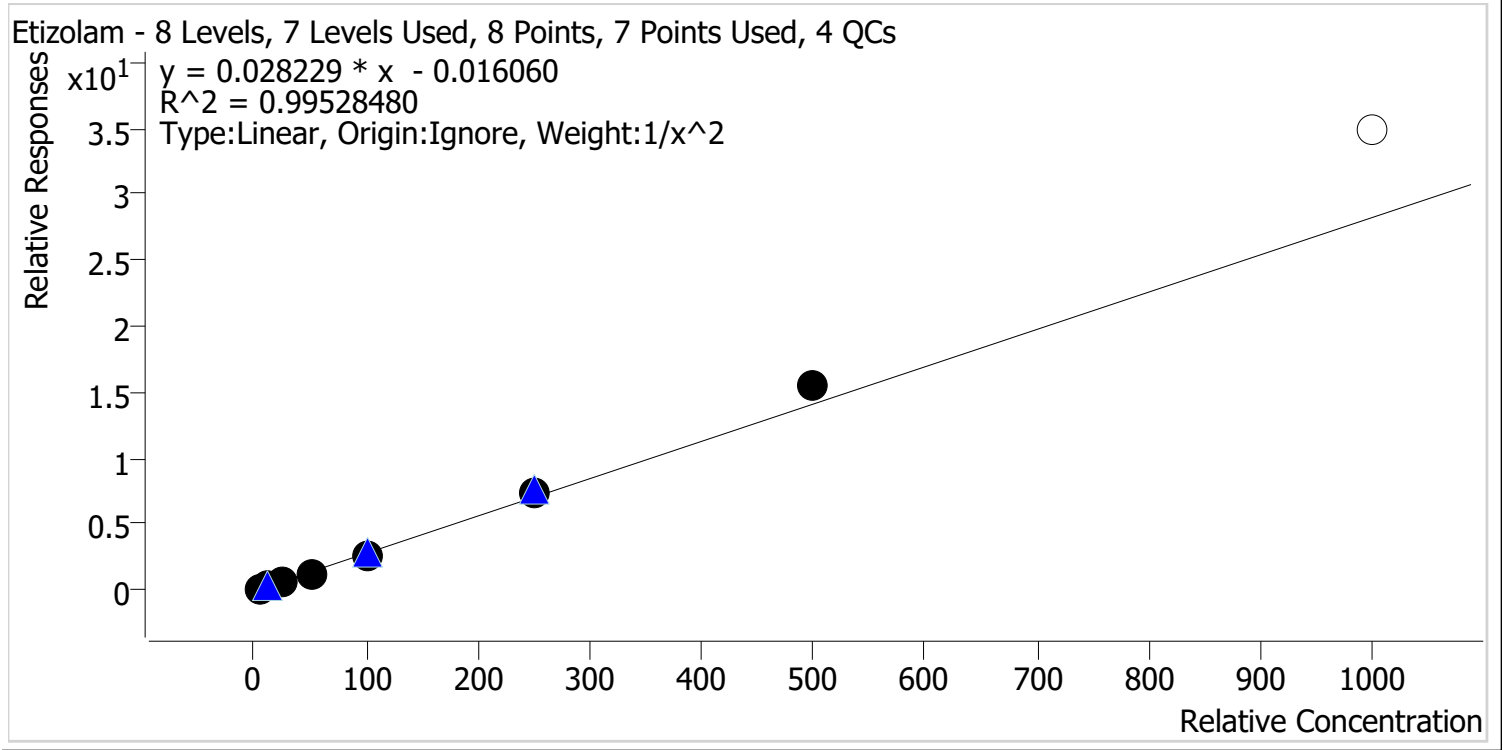
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	212.5	85.0
p1 Cal 7-500ng	7	✗	500.0	382.5	76.5
p1 Cal 8-1000ng	8	✗	1000.0	610.5	61.1

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



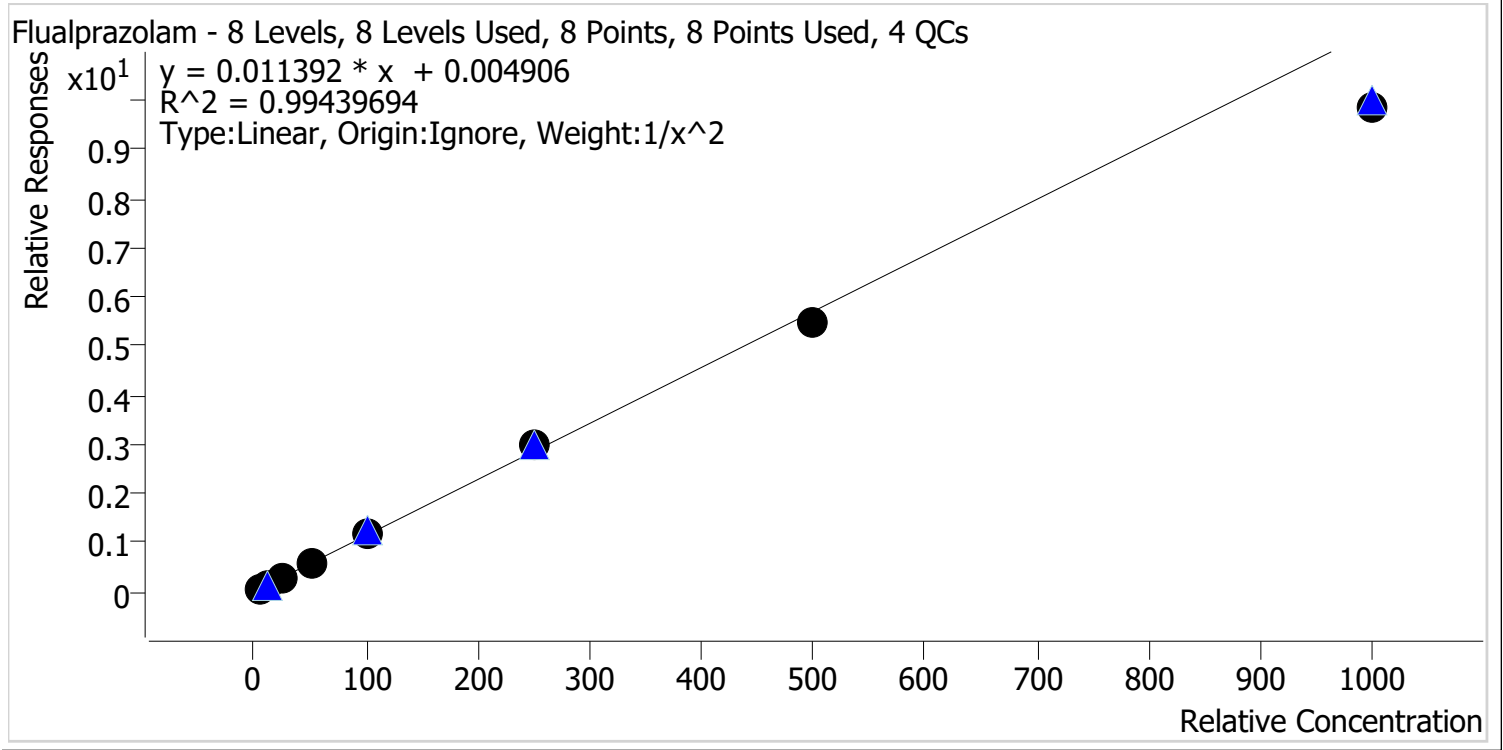
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	547.6	109.5
p1 Cal 8-1000ng	8	✗	1000.0	1234.9	123.5

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

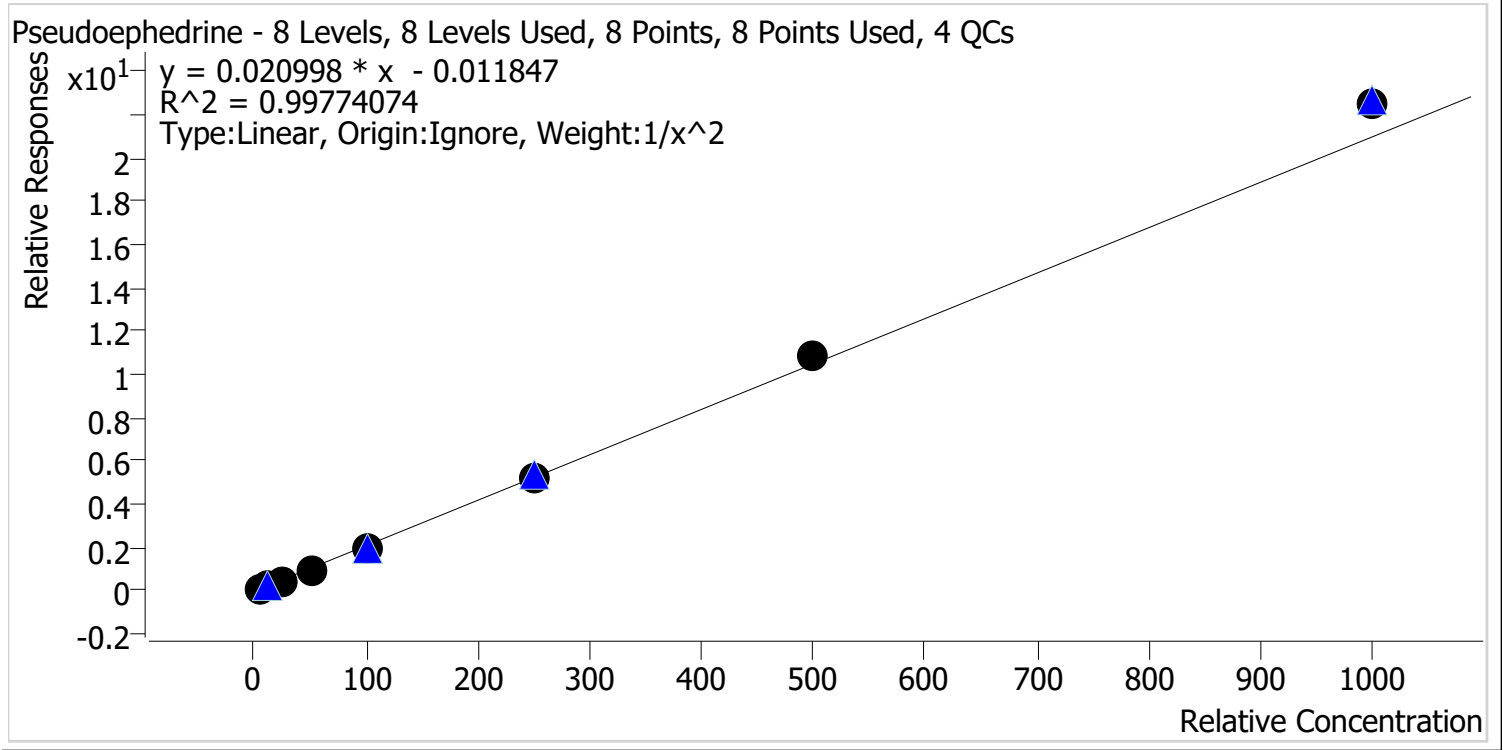


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	261.6	104.6
p1 Cal 7-500ng	7	✓	500.0	481.4	96.3
p1 Cal 8-1000ng	8	✓	1000.0	862.3	86.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

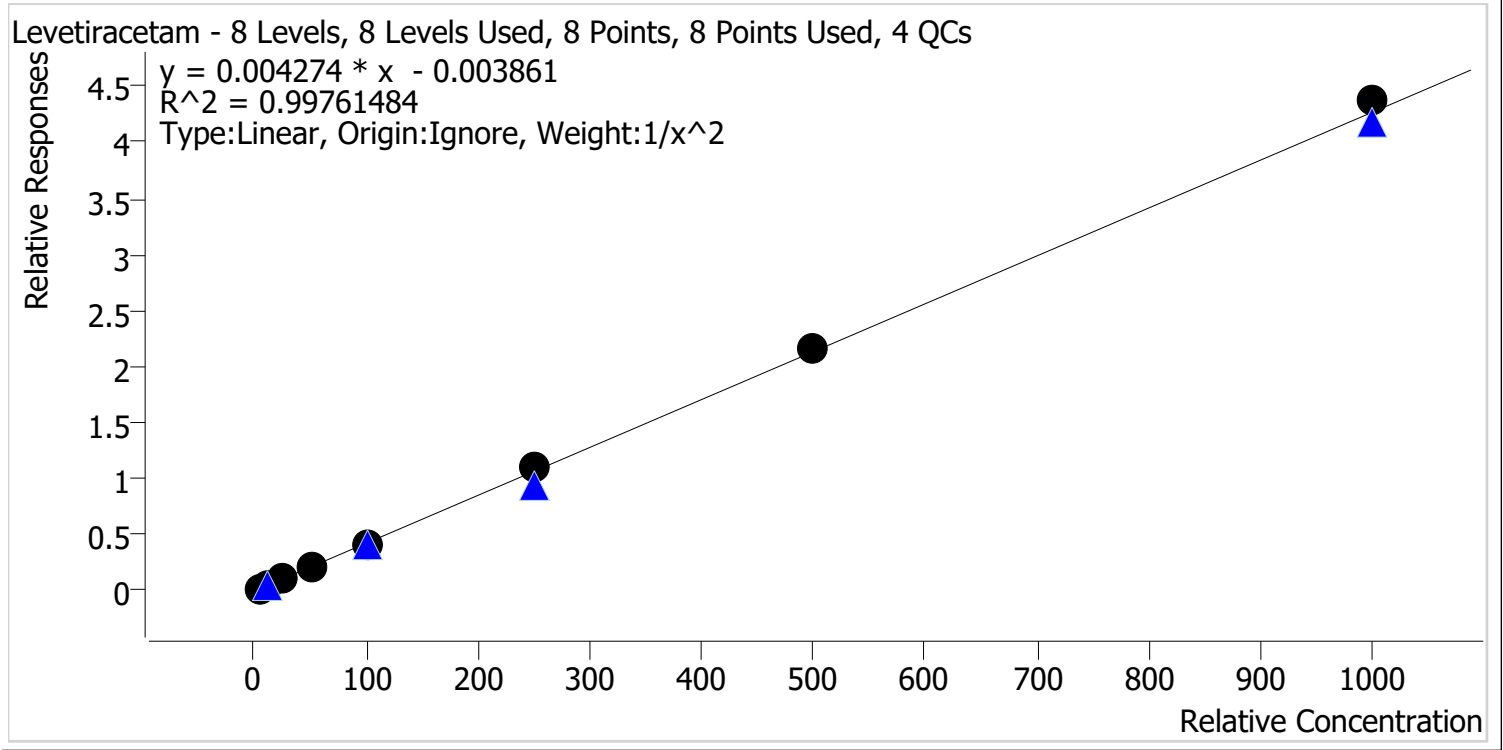


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1072.7	107.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

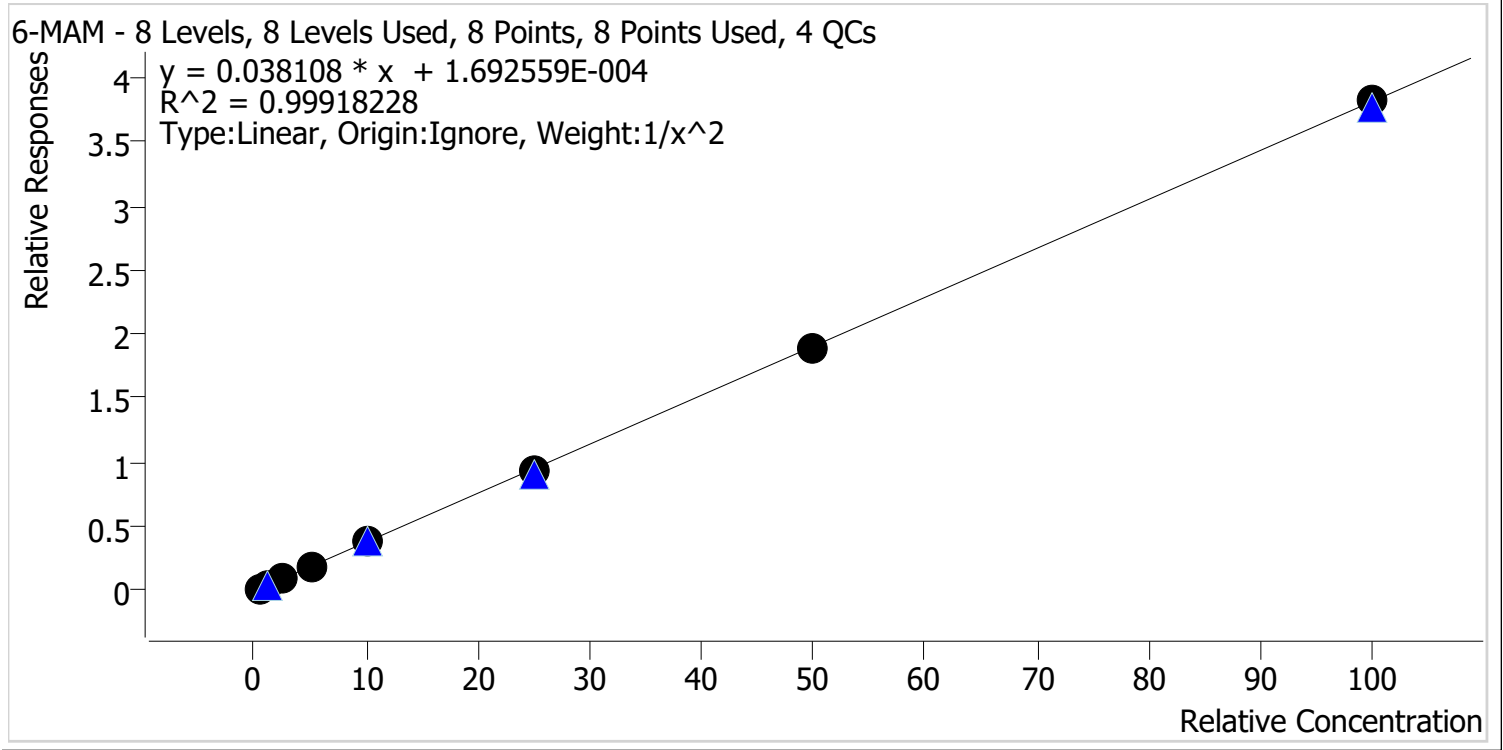


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	47.3	94.7
p1 Cal 5-100ng	5	✓	100.0	93.8	93.8
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1024.5	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

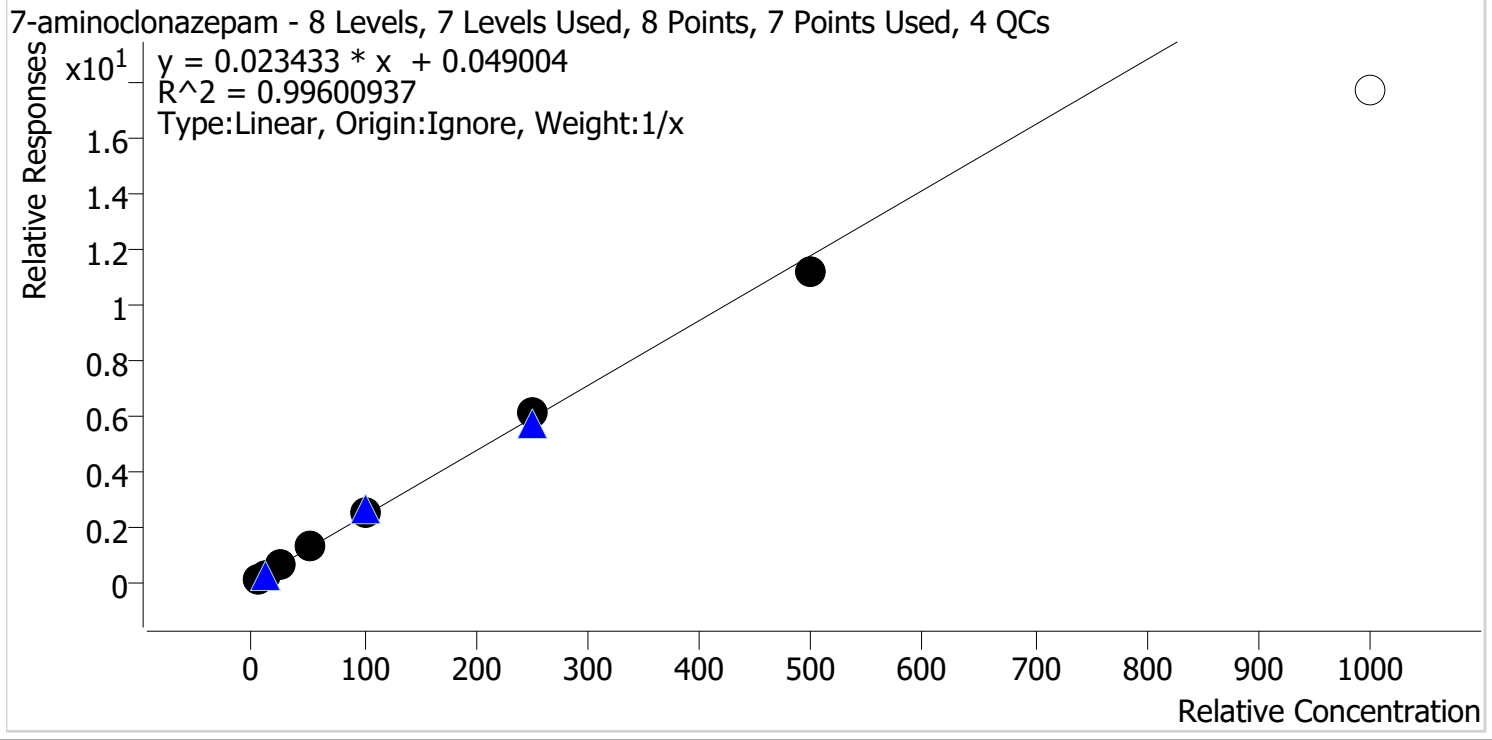


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.3
p1 Cal 2-10ng	2	✓	1.0	1.1	105.6
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.4
p1 Cal 4-50ng	4	✓	5.0	5.0	99.5
p1 Cal 5-100ng	5	✓	10.0	9.9	98.8
p1 Cal 6-250ng	6	✓	25.0	24.6	98.5
p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
p1 Cal 8-1000ng	8	✓	100.0	100.2	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



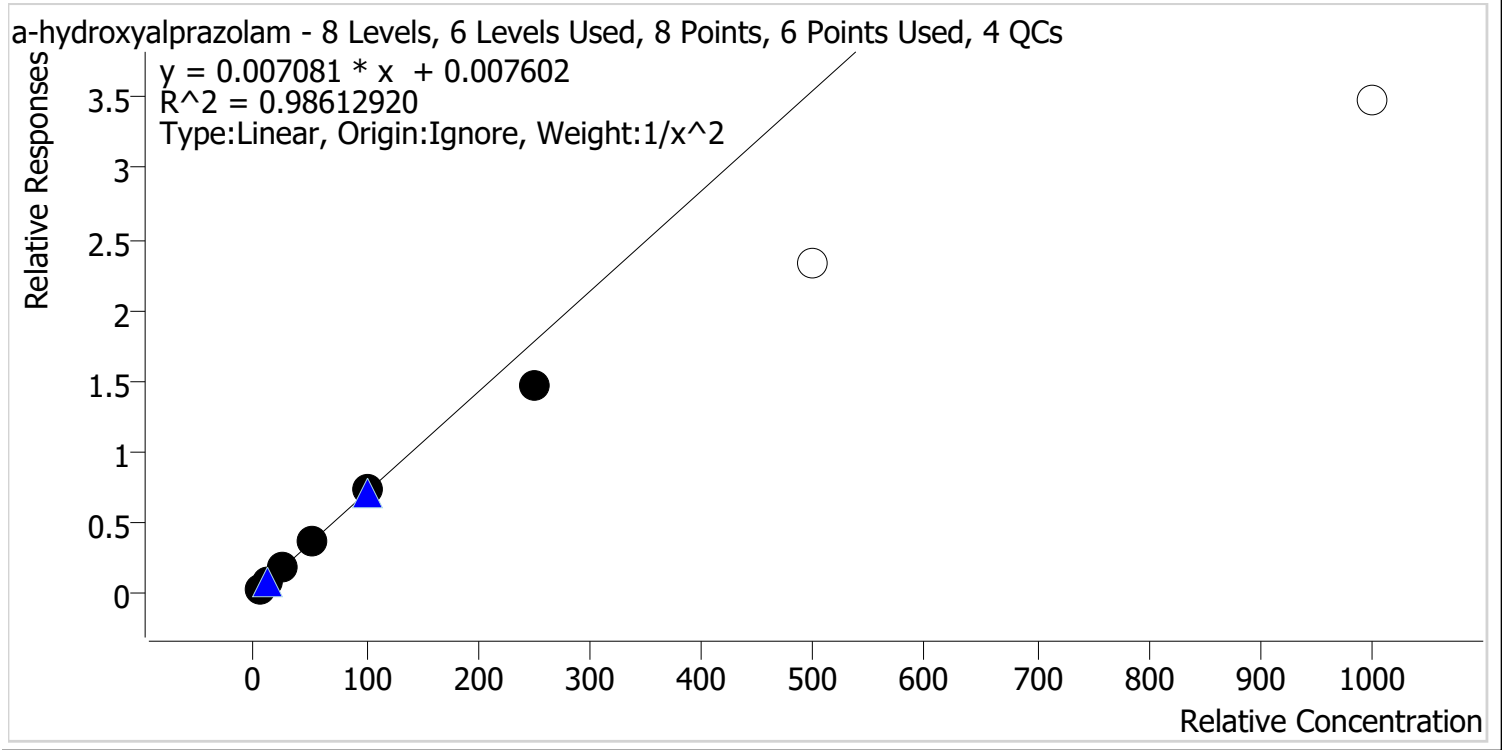
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.7	74.1
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	28.0	112.0
p1 Cal 4-50ng	4	✓	50.0	56.4	112.9
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	477.6	95.5
p1 Cal 8-1000ng	8	✗	1000.0	752.7	75.3

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



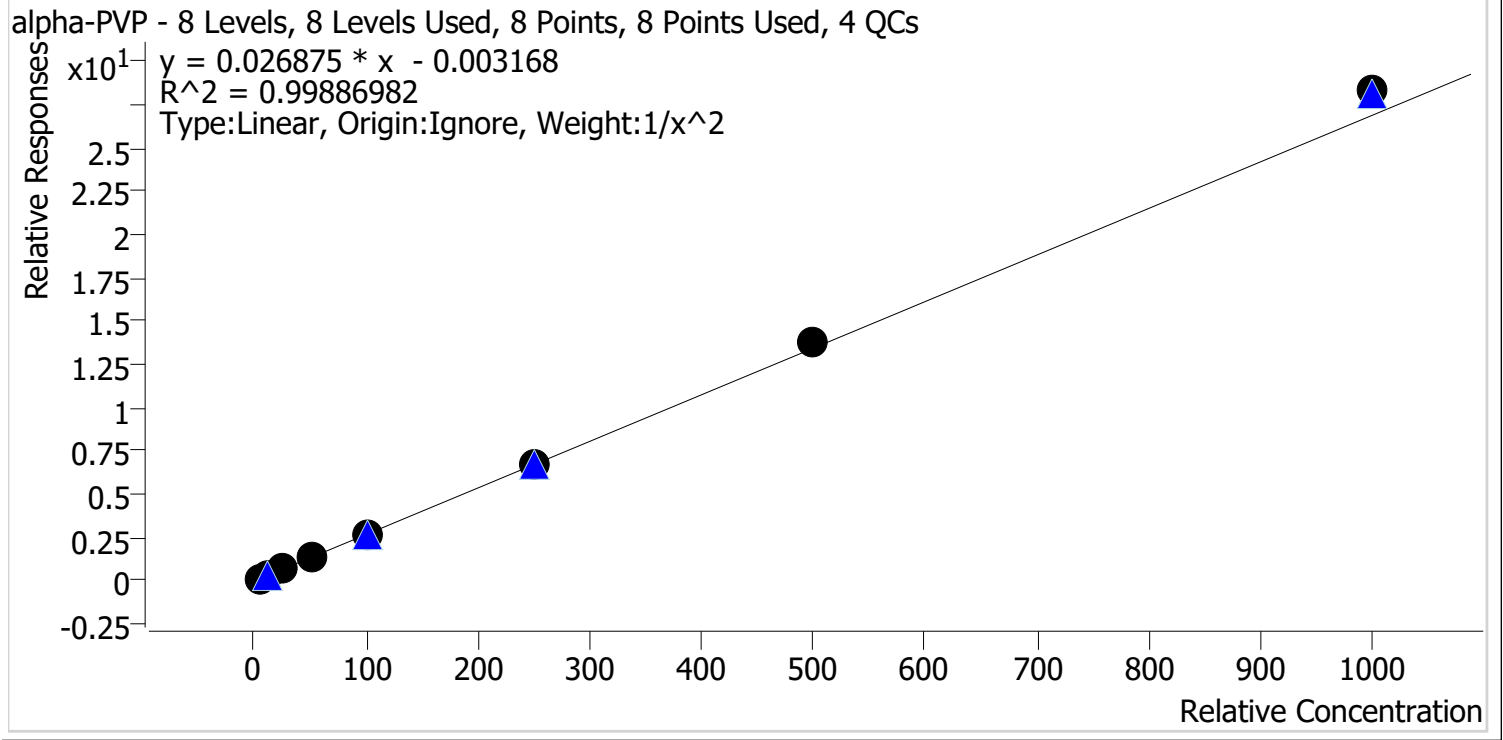
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	206.5	82.6
p1 Cal 7-500ng	7	✗	500.0	327.1	65.4
p1 Cal 8-1000ng	8	✗	1000.0	489.6	49.0

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

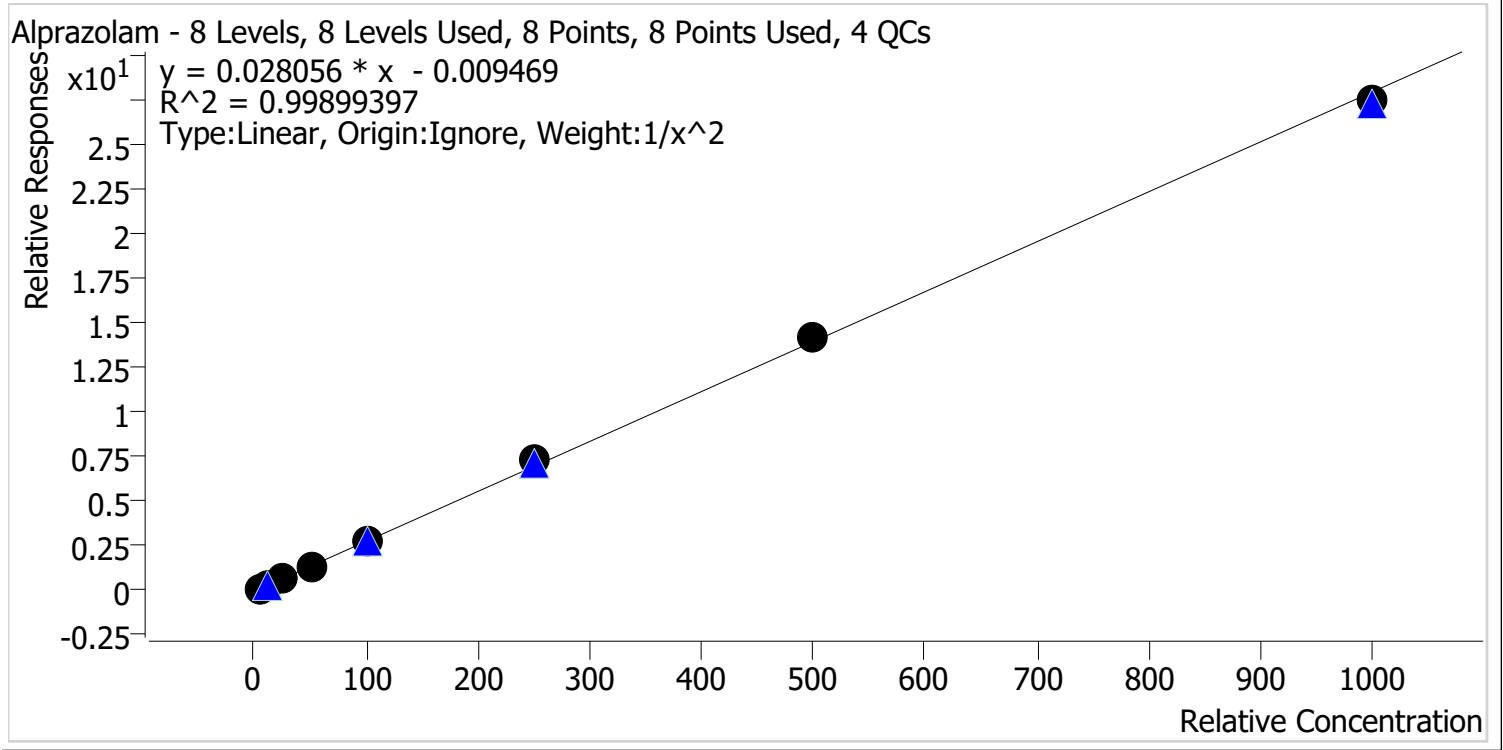


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1053.1	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

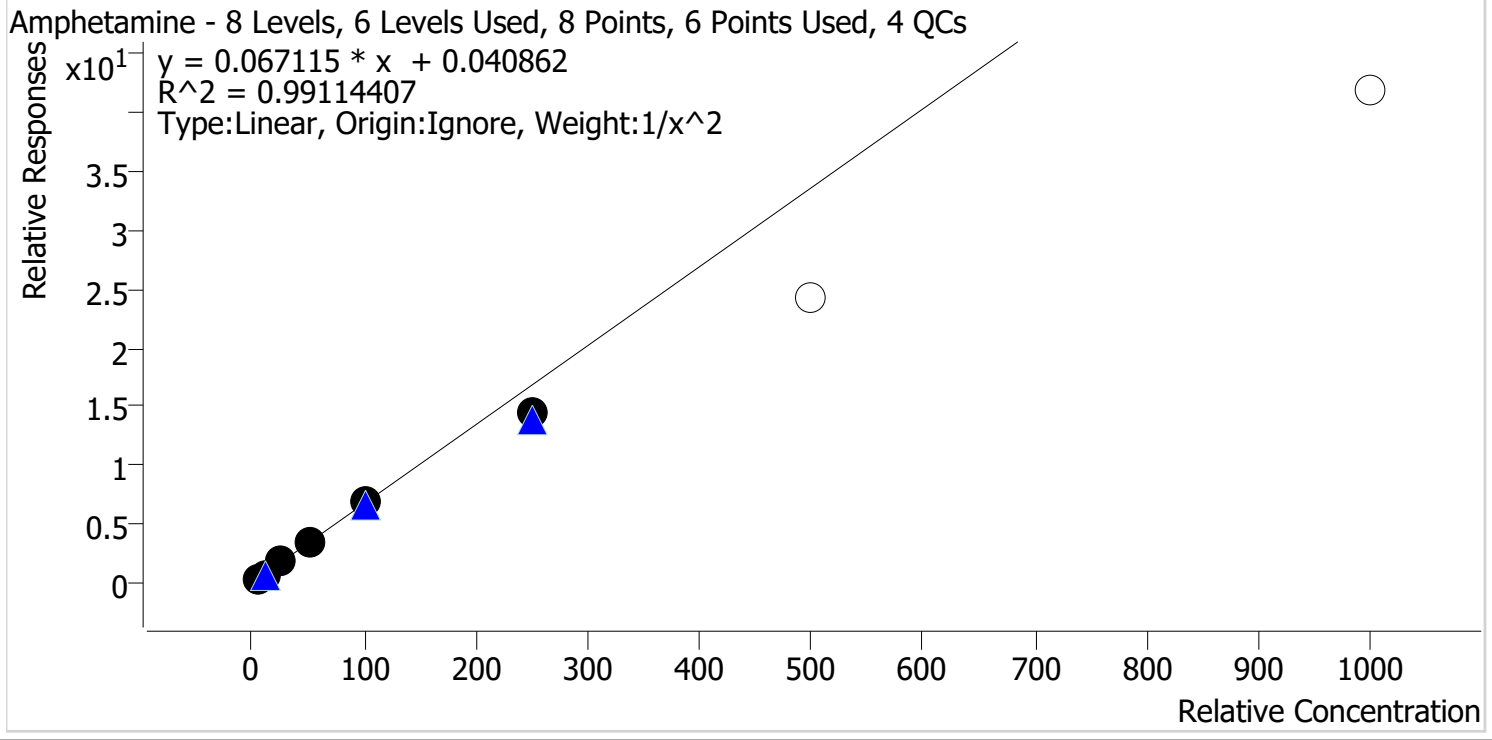


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	982.8	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



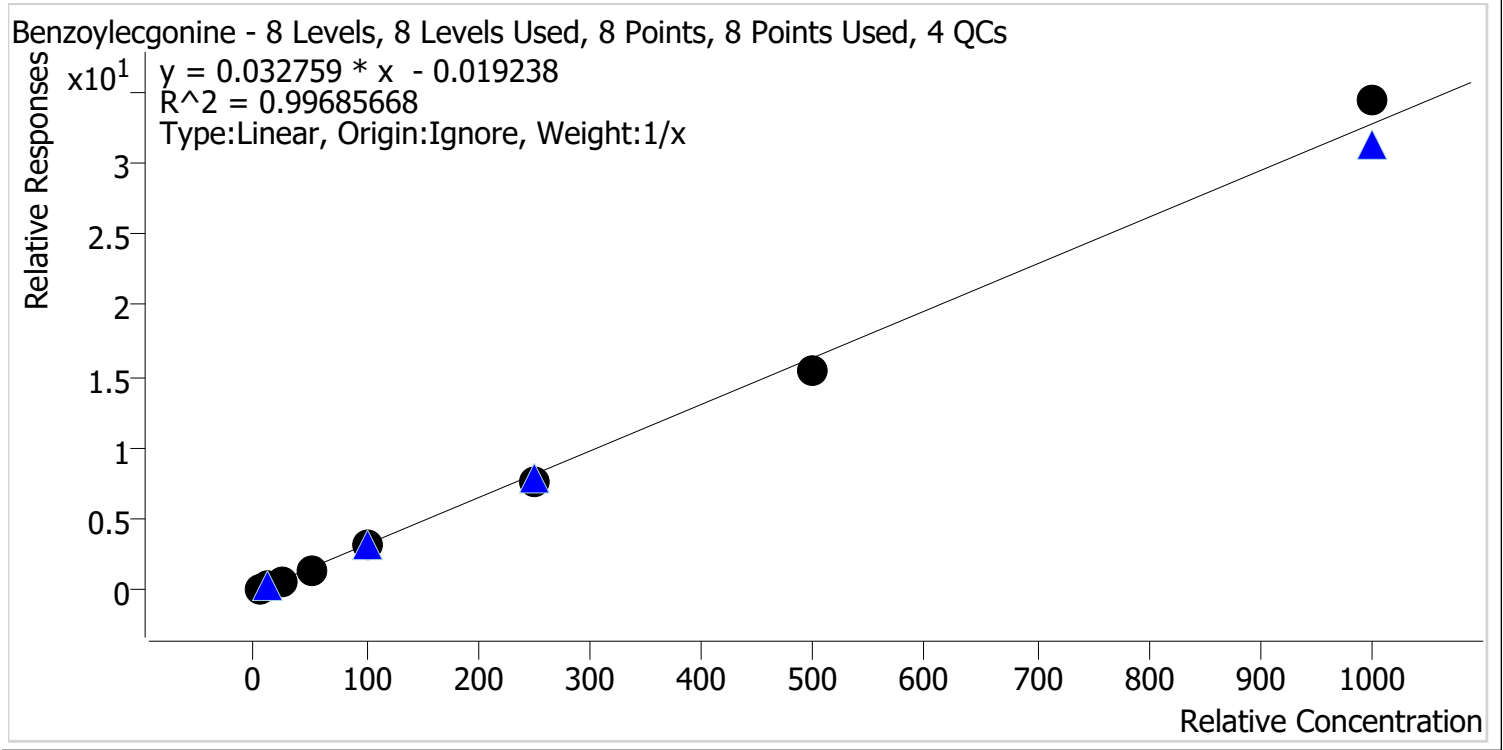
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	215.8	86.3
p1 Cal 7-500ng	7	✗	500.0	363.0	72.6
p1 Cal 8-1000ng	8	✗	1000.0	623.0	62.3

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

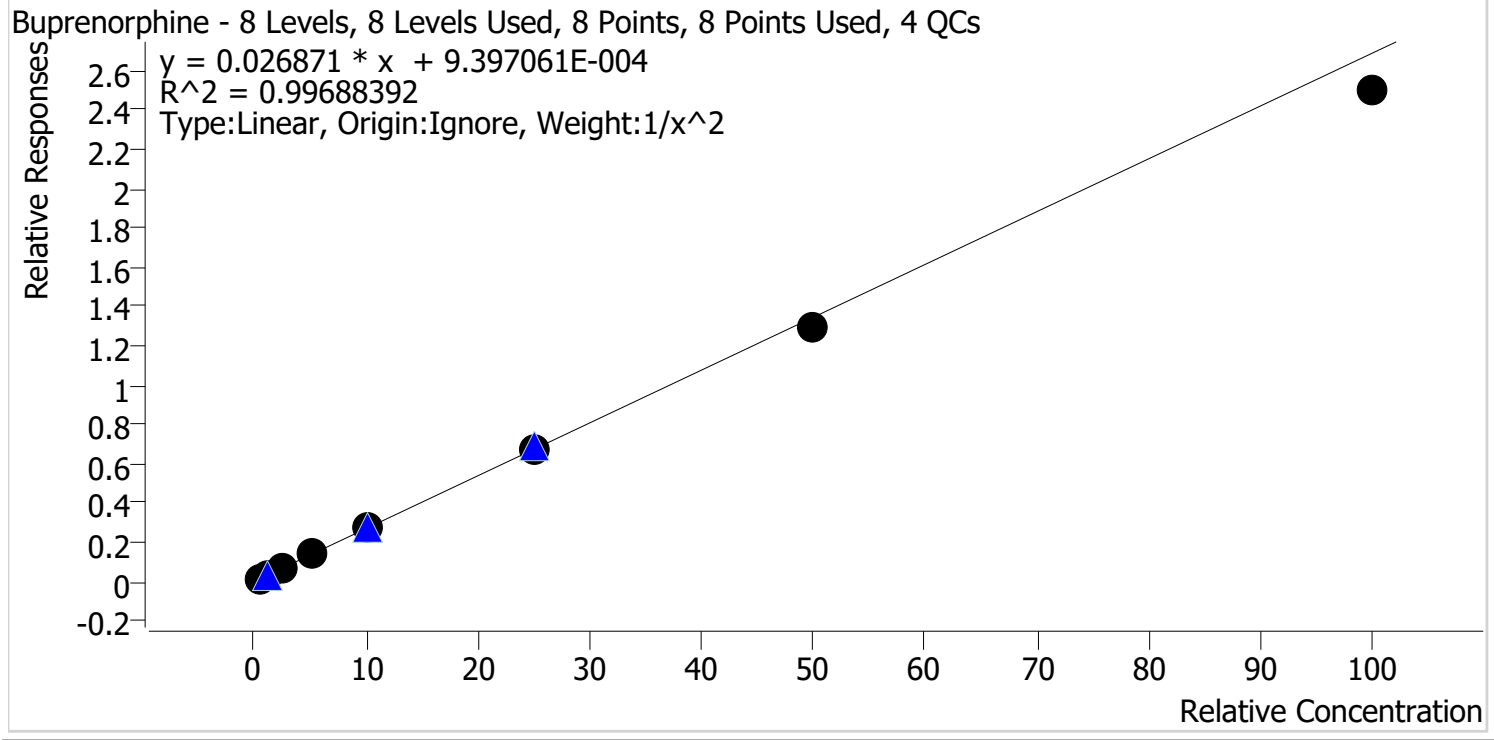


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	112.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	235.3	94.1
p1 Cal 7-500ng	7	✓	500.0	468.6	93.7
p1 Cal 8-1000ng	8	✓	1000.0	1049.7	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

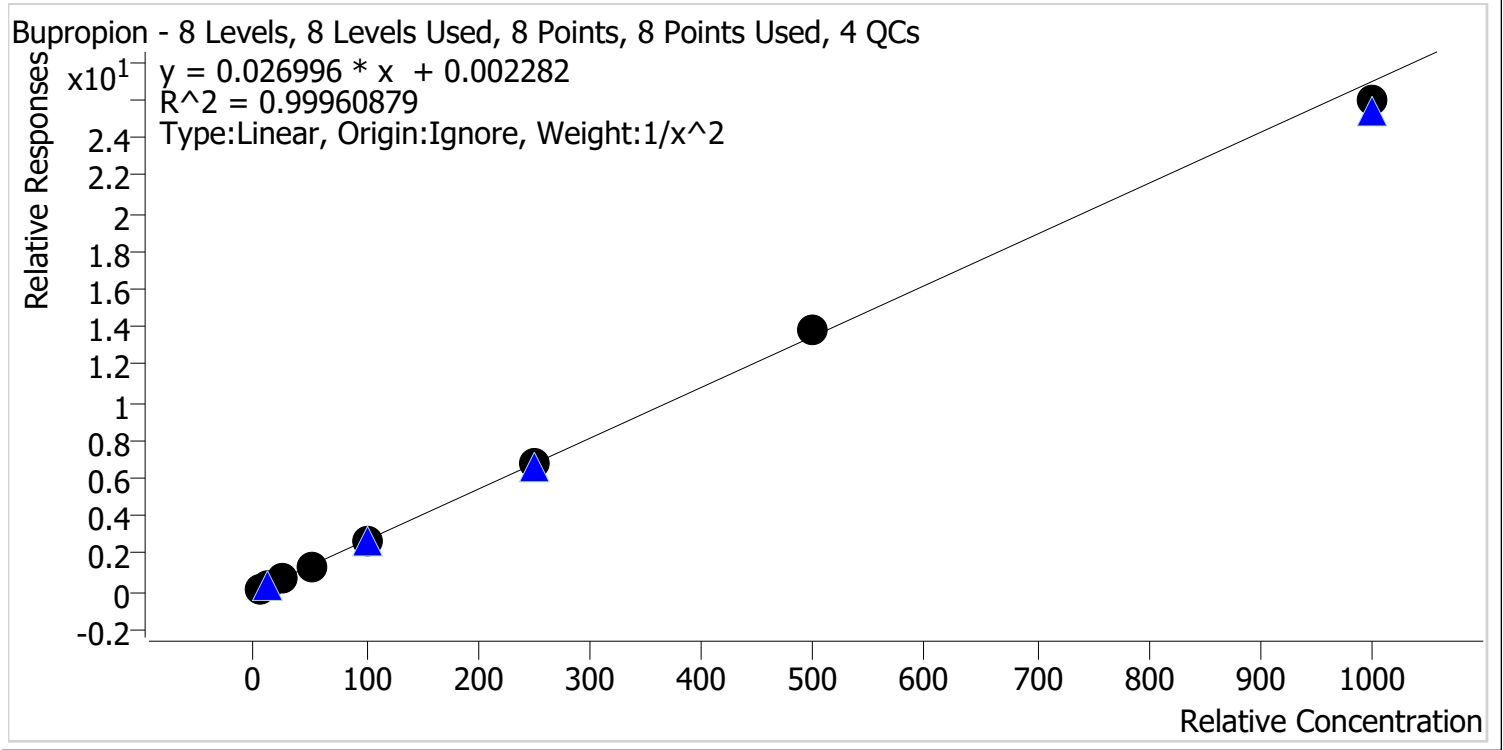


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.7
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.7	106.4
p1 Cal 4-50ng	4	✓	5.0	5.3	106.5
p1 Cal 5-100ng	5	✓	10.0	10.2	102.4
p1 Cal 6-250ng	6	✓	25.0	24.8	99.1
p1 Cal 7-500ng	7	✓	50.0	48.1	96.3
p1 Cal 8-1000ng	8	✓	100.0	92.9	92.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

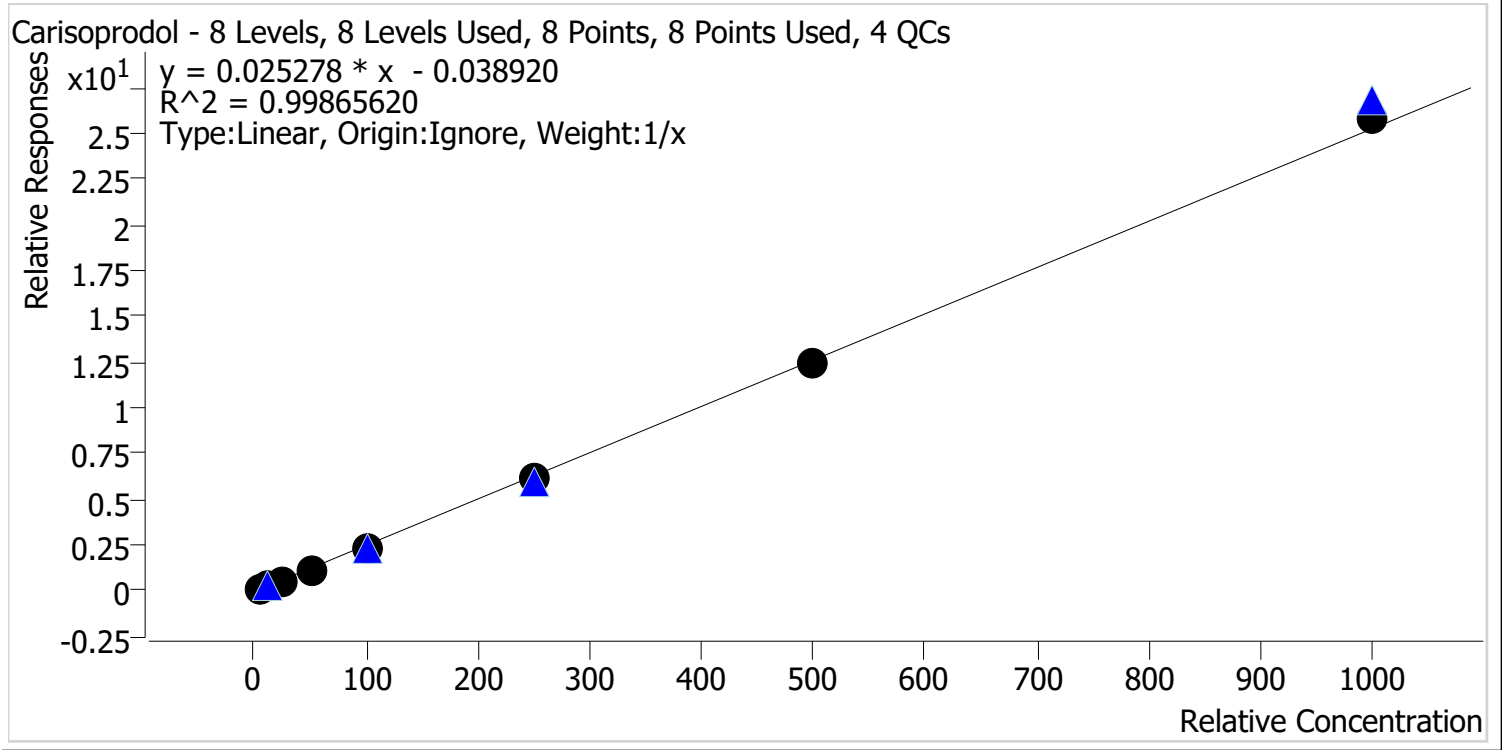


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	962.4	96.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

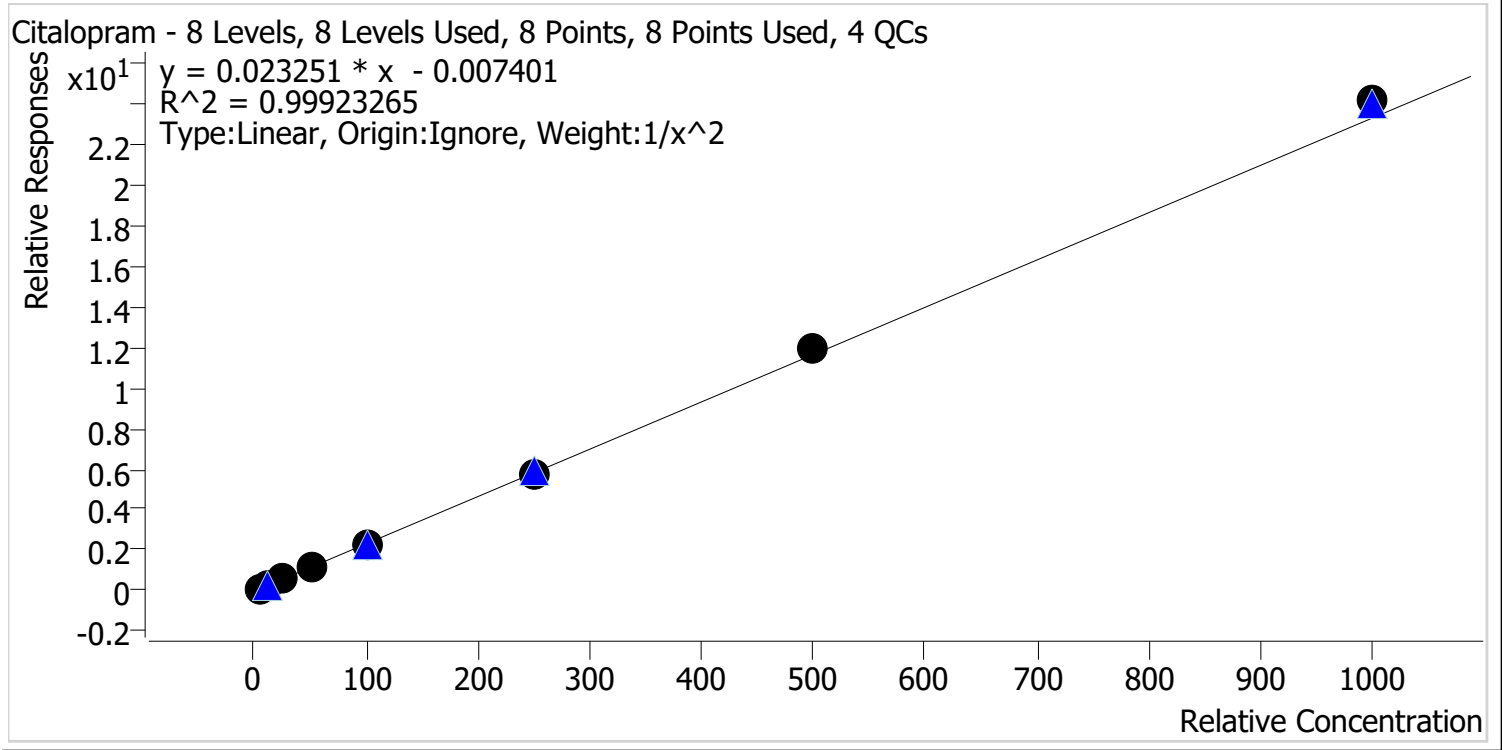


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	120.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	46.2	92.4
p1 Cal 5-100ng	5	✓	100.0	90.4	90.4
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1025.7	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

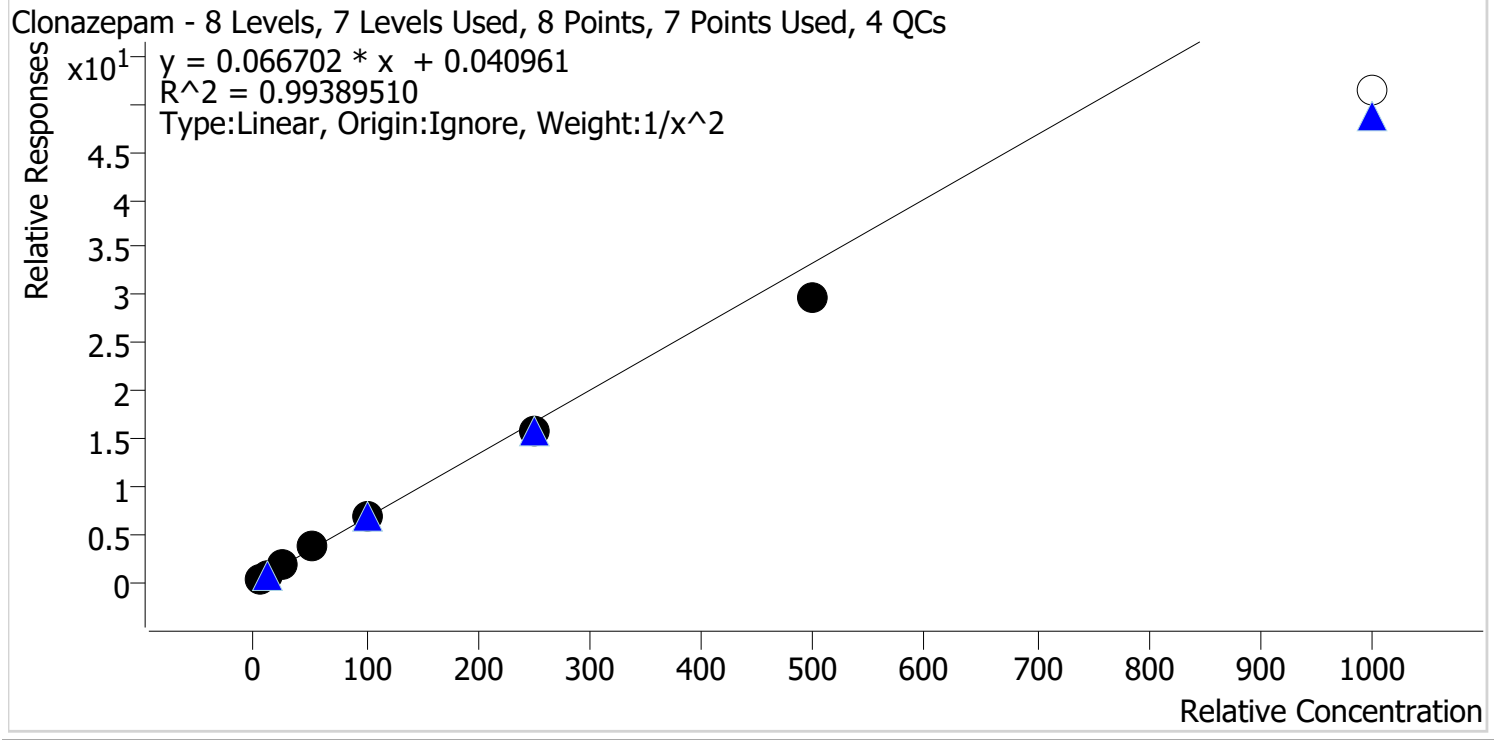


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1037.0	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



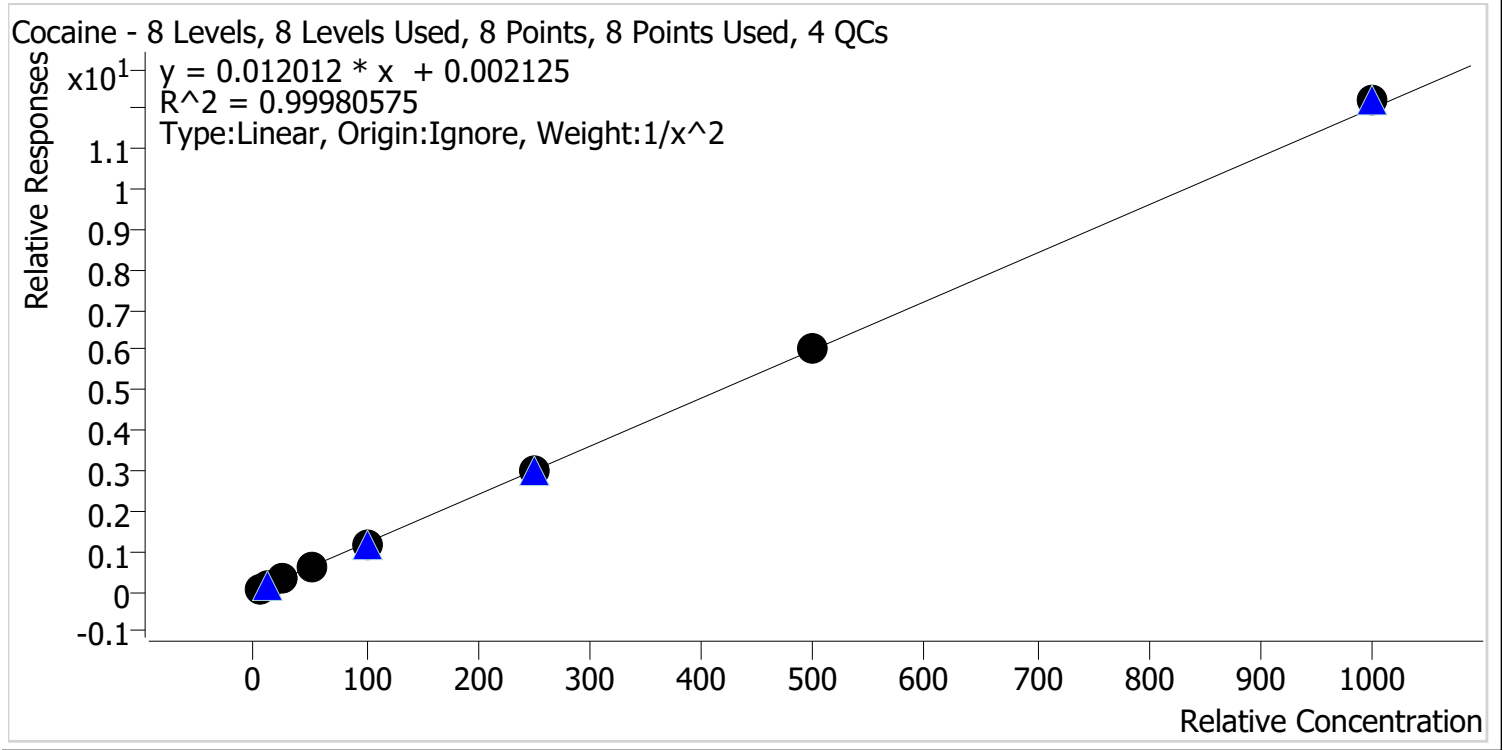
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	237.6	95.0
p1 Cal 7-500ng	7	✓	500.0	444.2	88.8
p1 Cal 8-1000ng	8	✗	1000.0	769.5	76.9

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 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	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1016.1	101.6

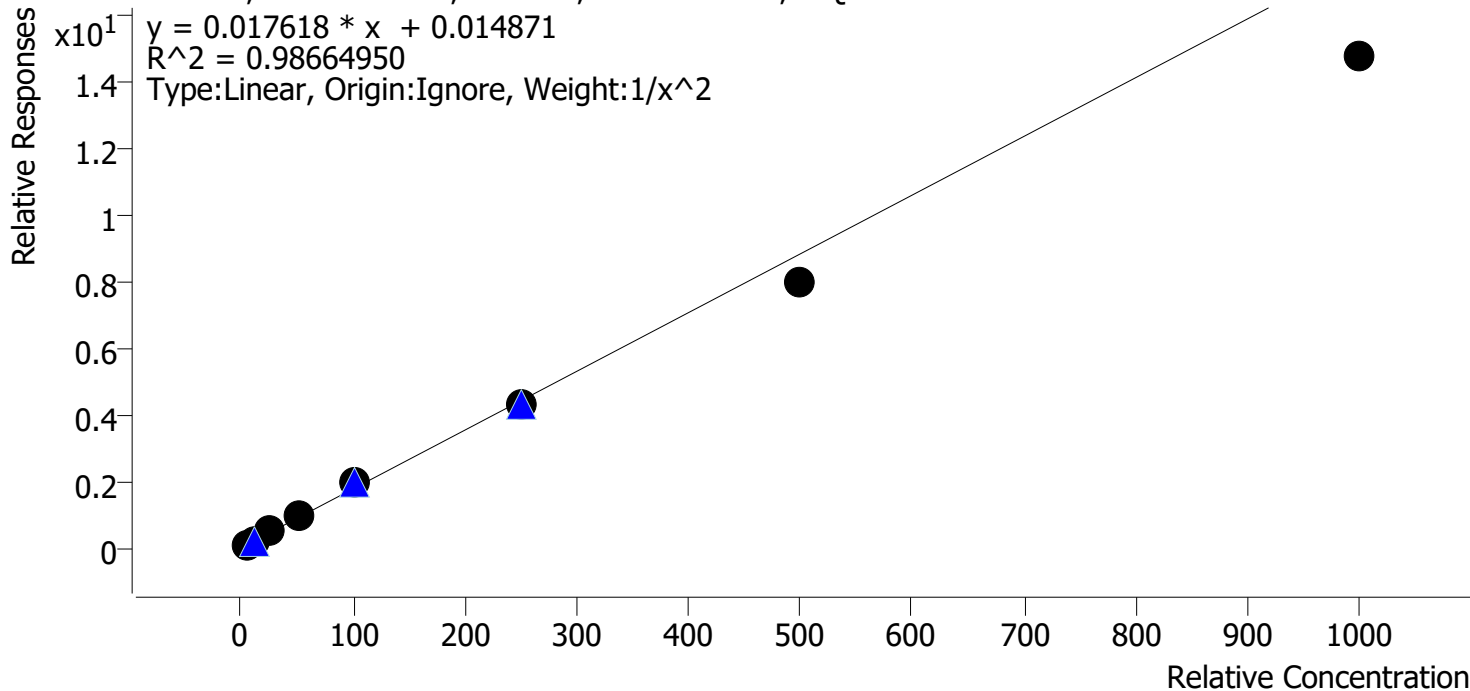
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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

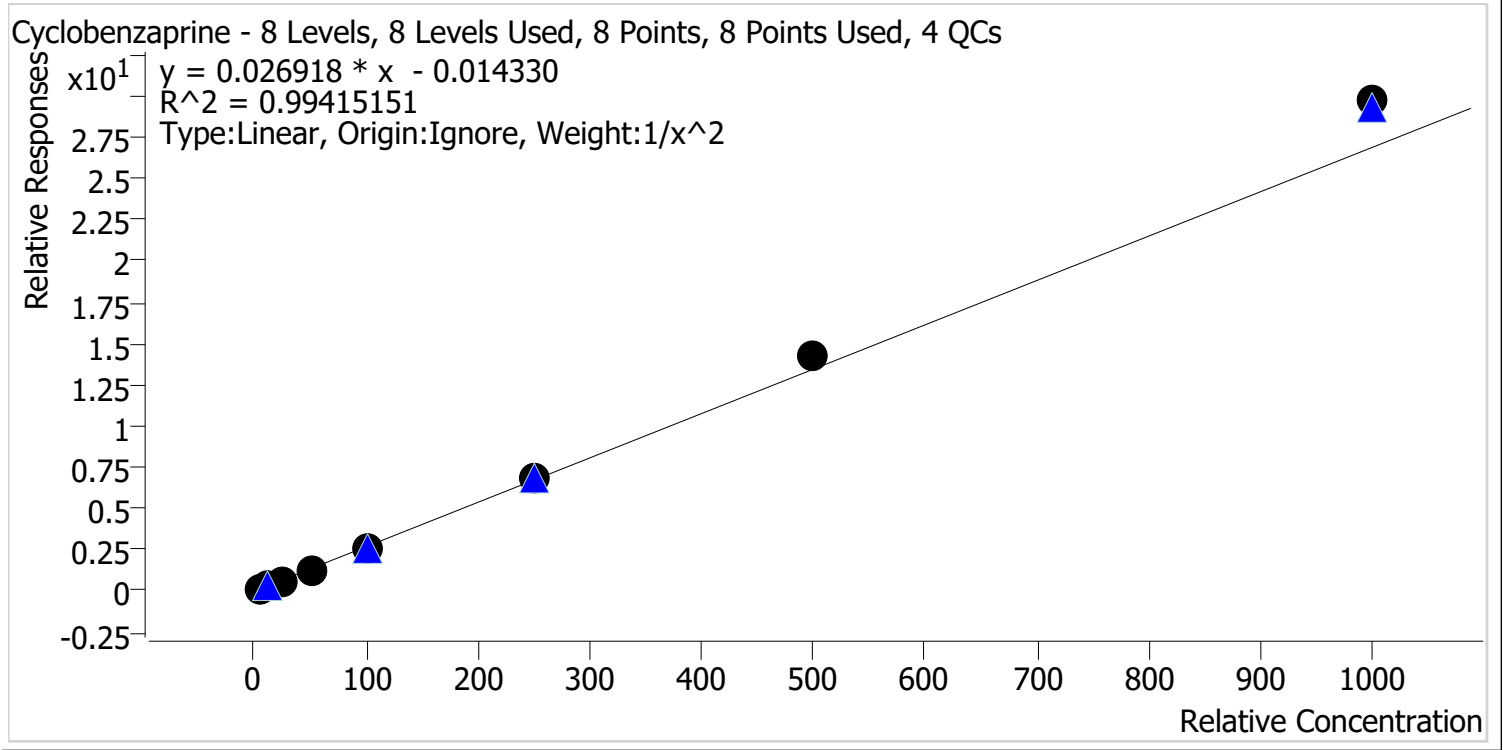


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	56.1	112.2
p1 Cal 5-100ng	5	✓	100.0	108.5	108.5
p1 Cal 6-250ng	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	451.2	90.2
p1 Cal 8-1000ng	8	✓	1000.0	835.9	83.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

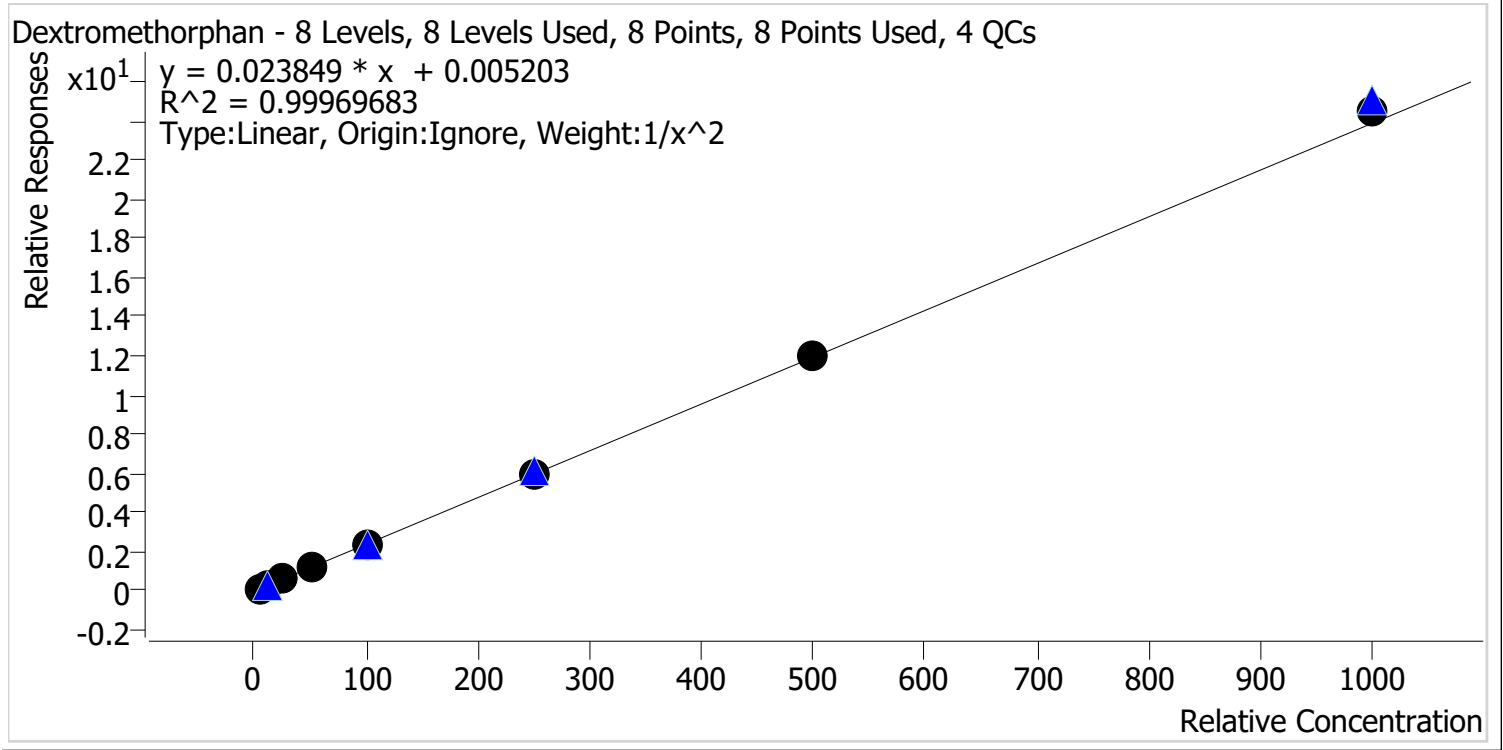


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	526.4	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1105.6	110.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

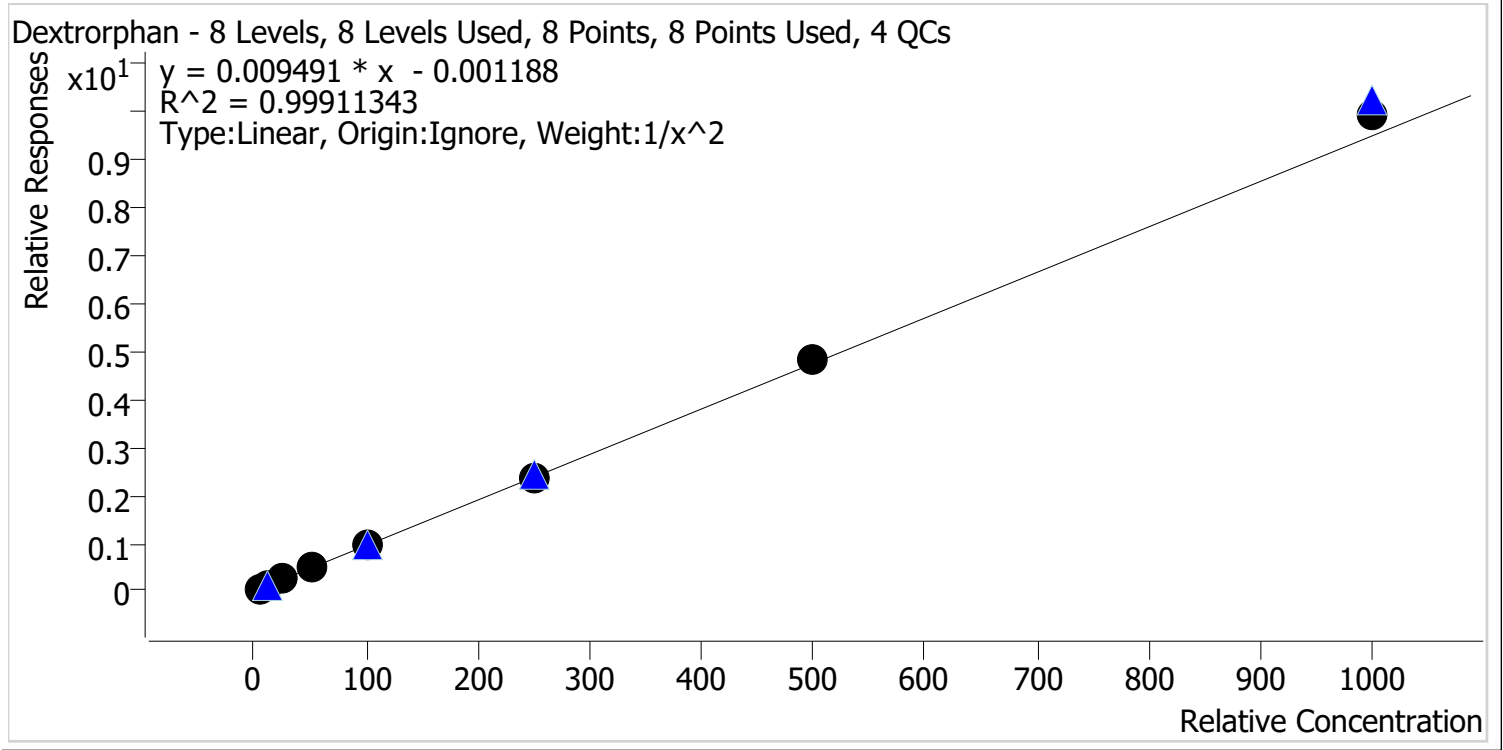


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1028.6	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

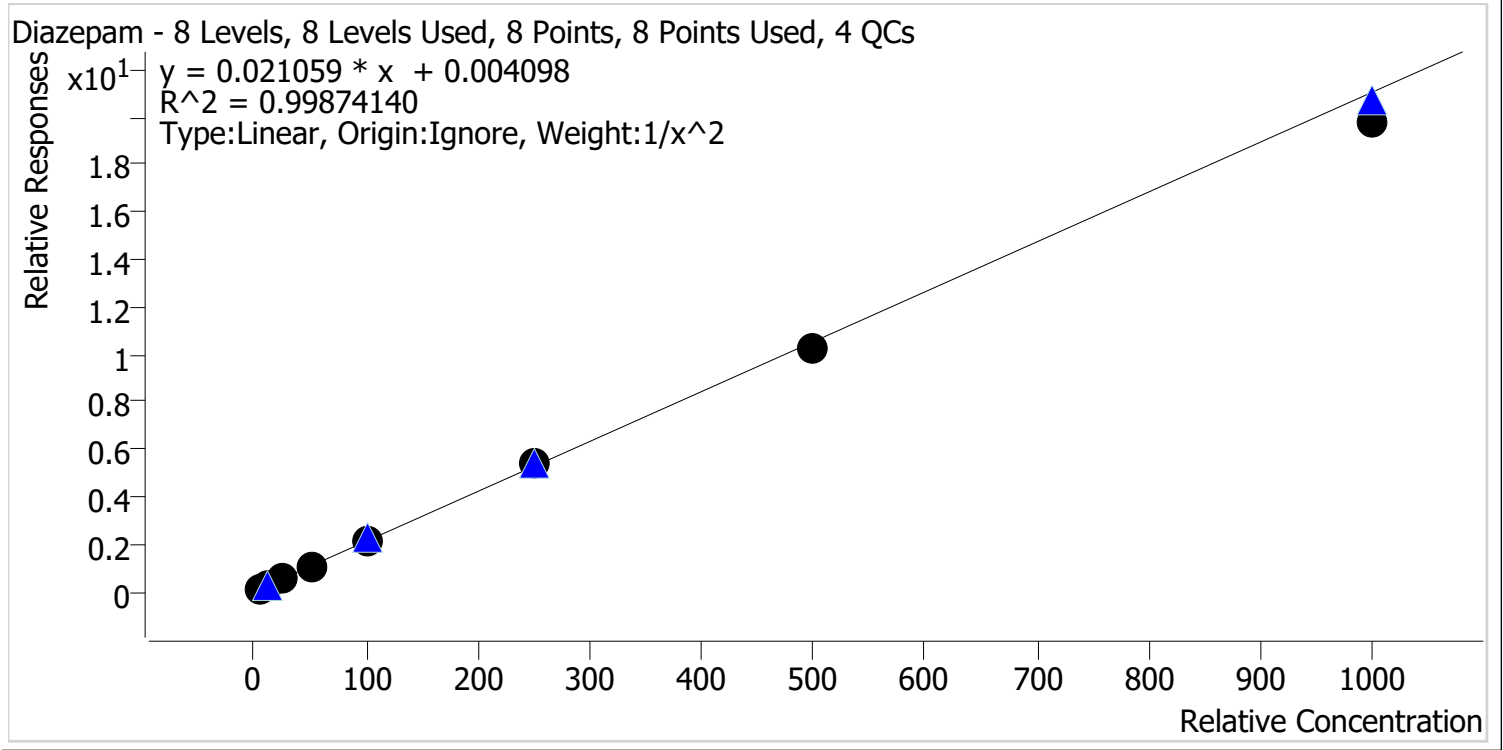


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1047.3	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

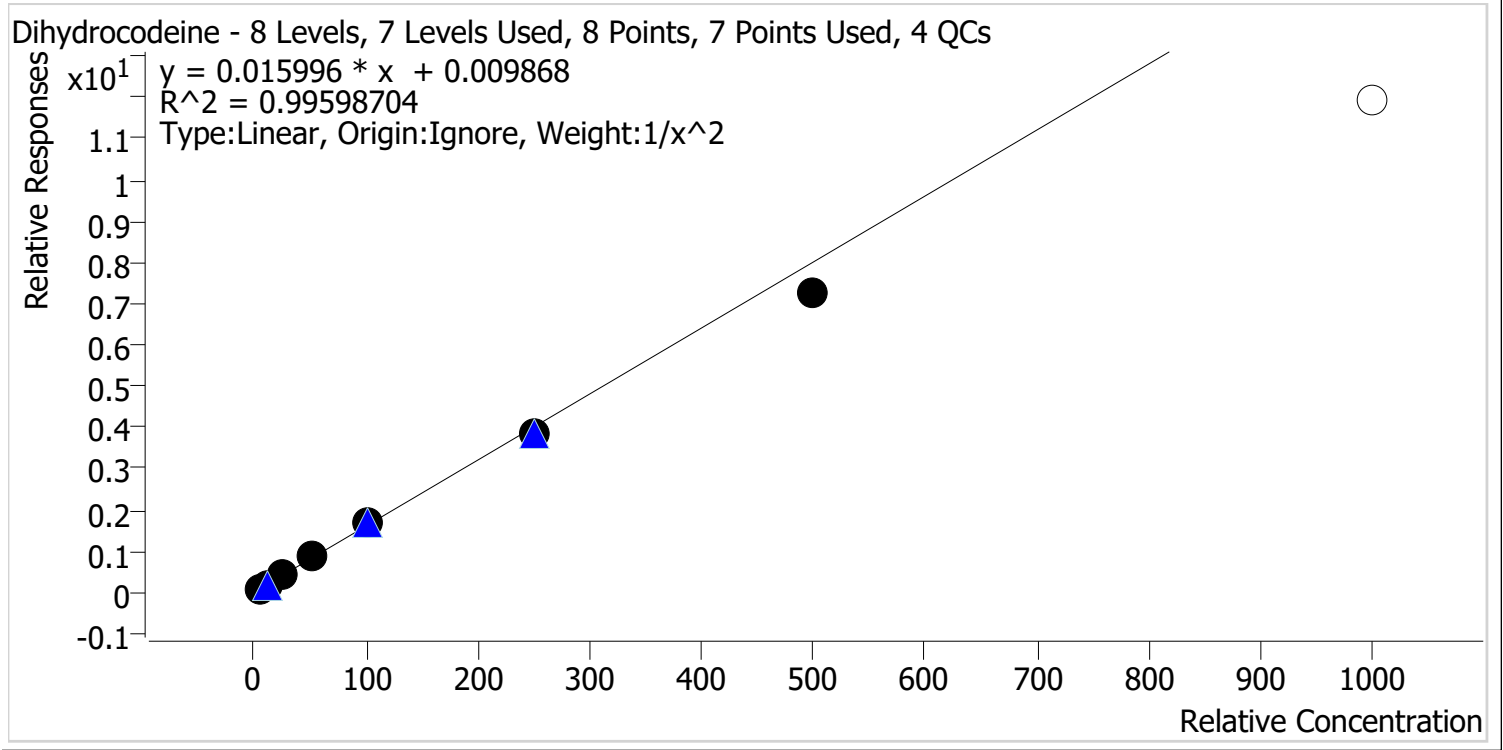


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	942.4	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 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	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	452.1	90.4
p1 Cal 8-1000ng	8	✗	1000.0	744.6	74.5

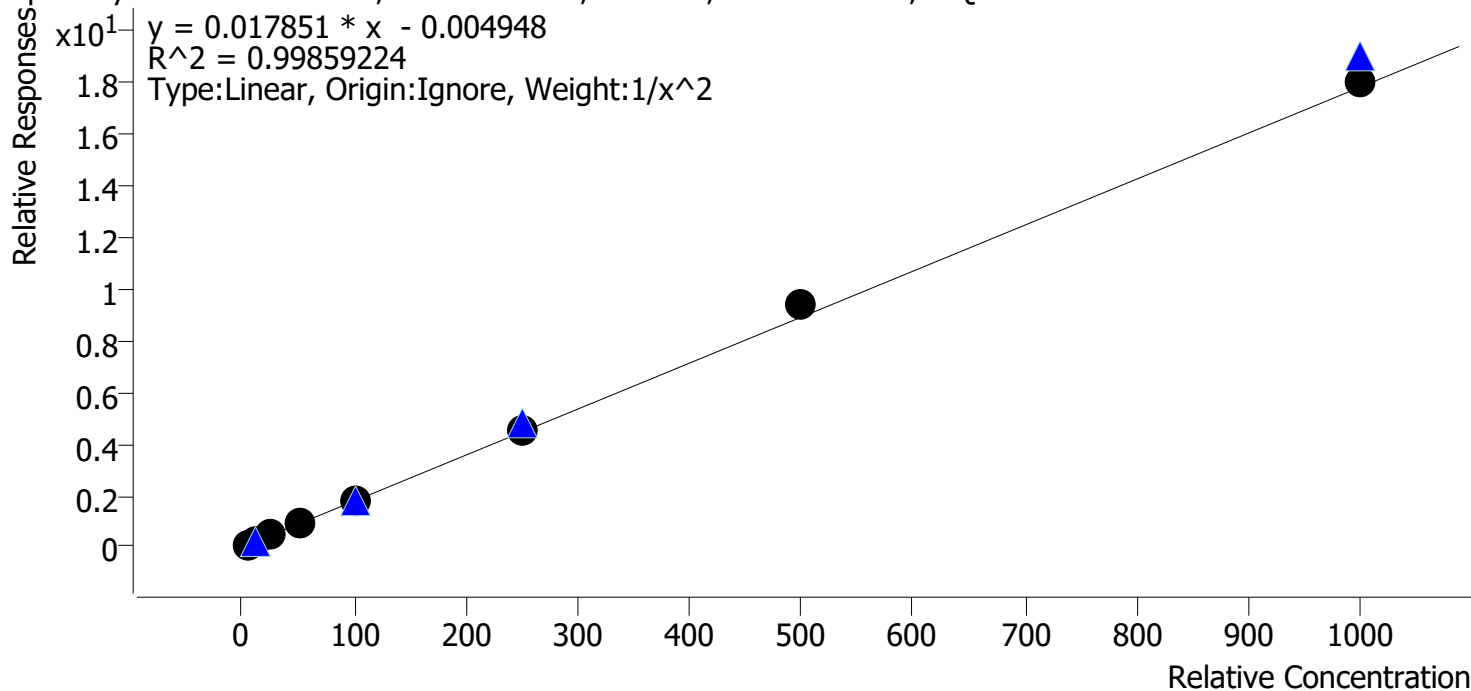
Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

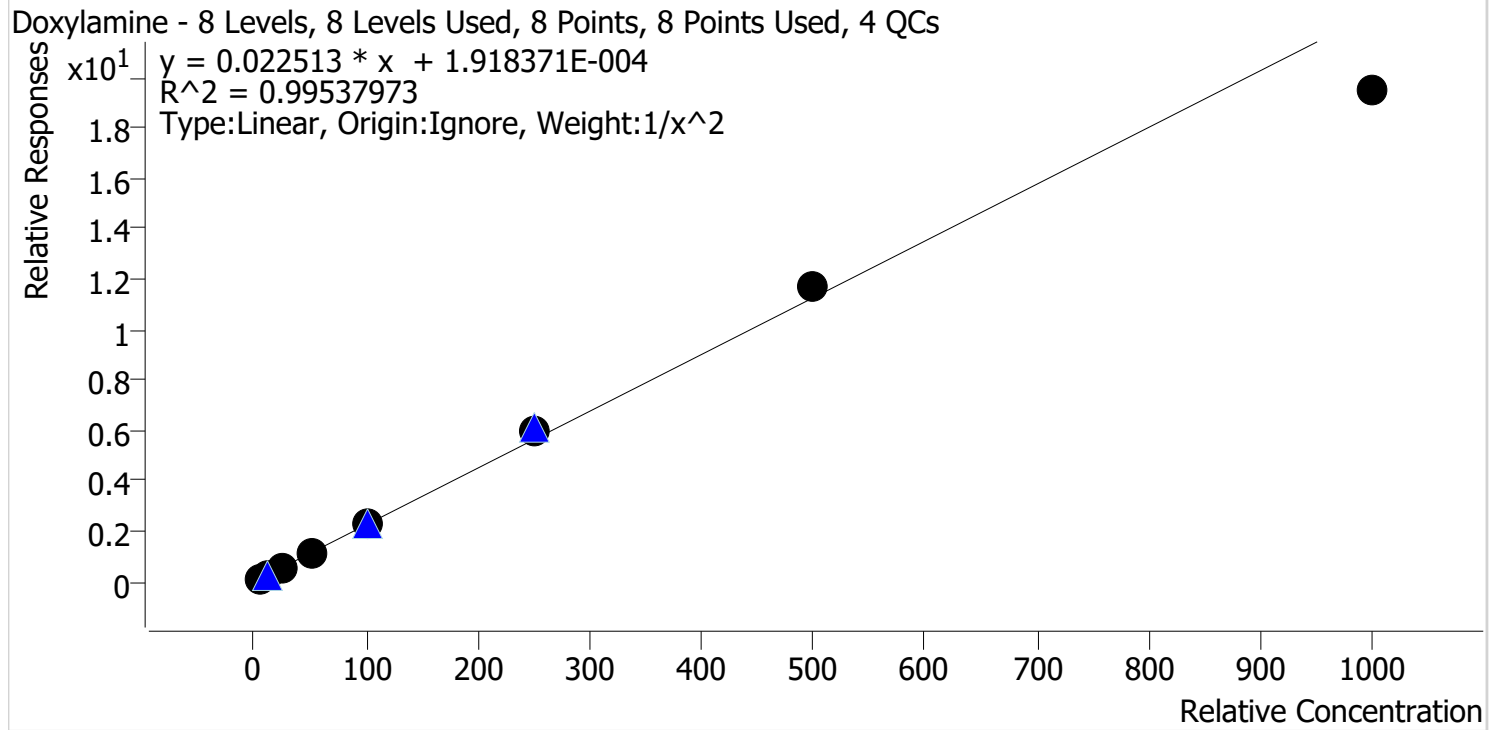


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	524.7	104.9
p1 Cal 8-1000ng	8	✓	1000.0	1011.0	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

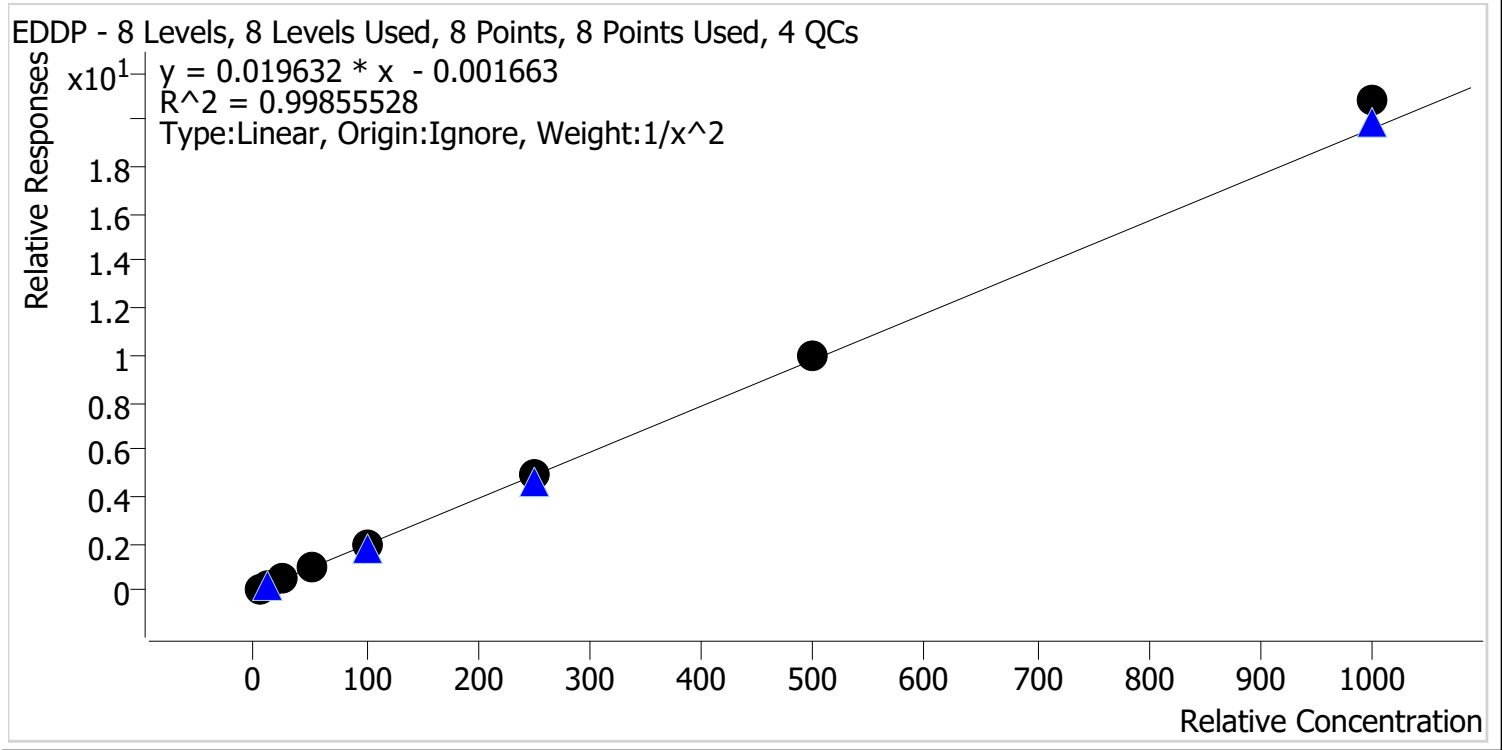


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	264.3	105.7
p1 Cal 7-500ng	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng	8	✓	1000.0	864.9	86.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

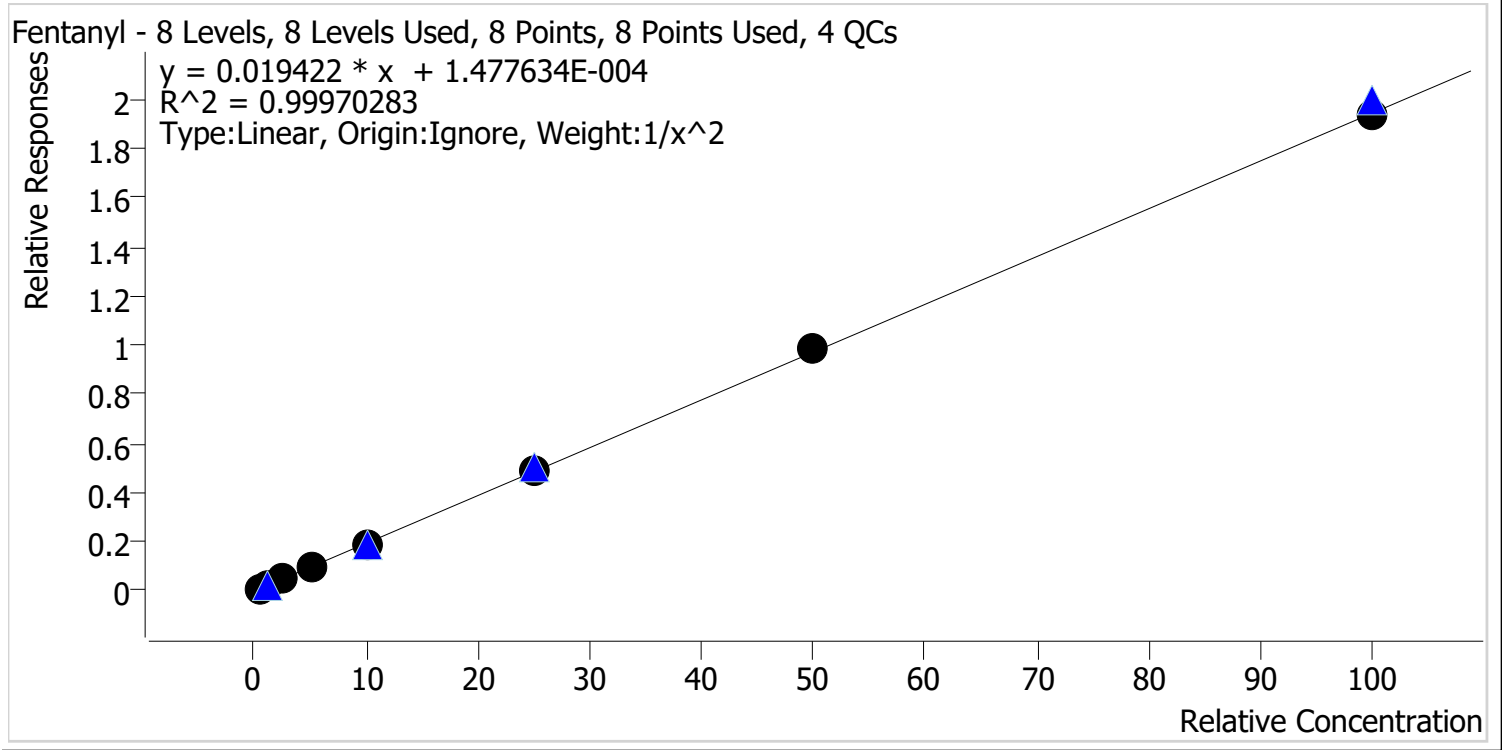


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	511.1	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1060.5	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

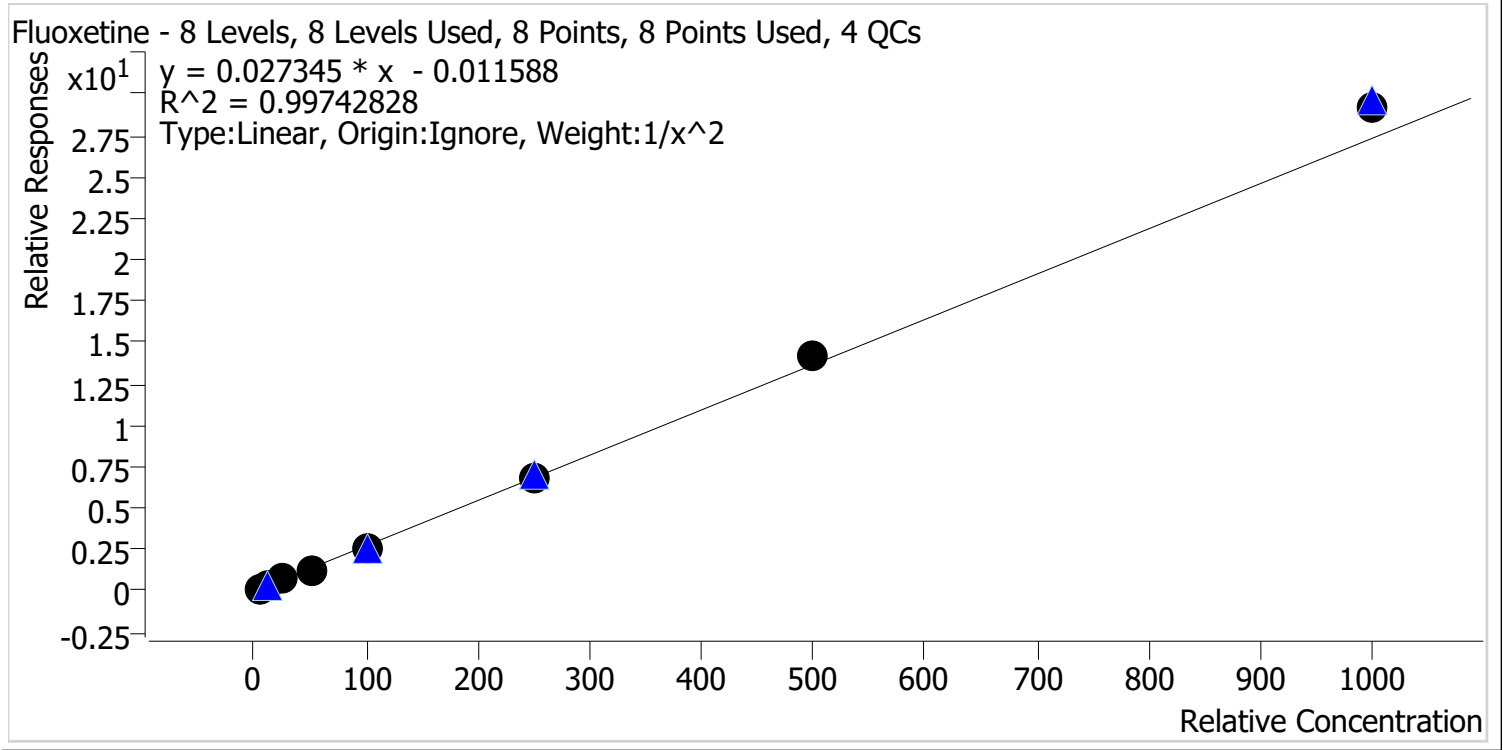


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.2
p1 Cal 2-10ng	2	✓	1.0	1.0	102.3
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.7
p1 Cal 4-50ng	4	✓	5.0	5.1	101.5
p1 Cal 5-100ng	5	✓	10.0	9.9	98.9
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	50.5	101.0
p1 Cal 8-1000ng	8	✓	100.0	99.4	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

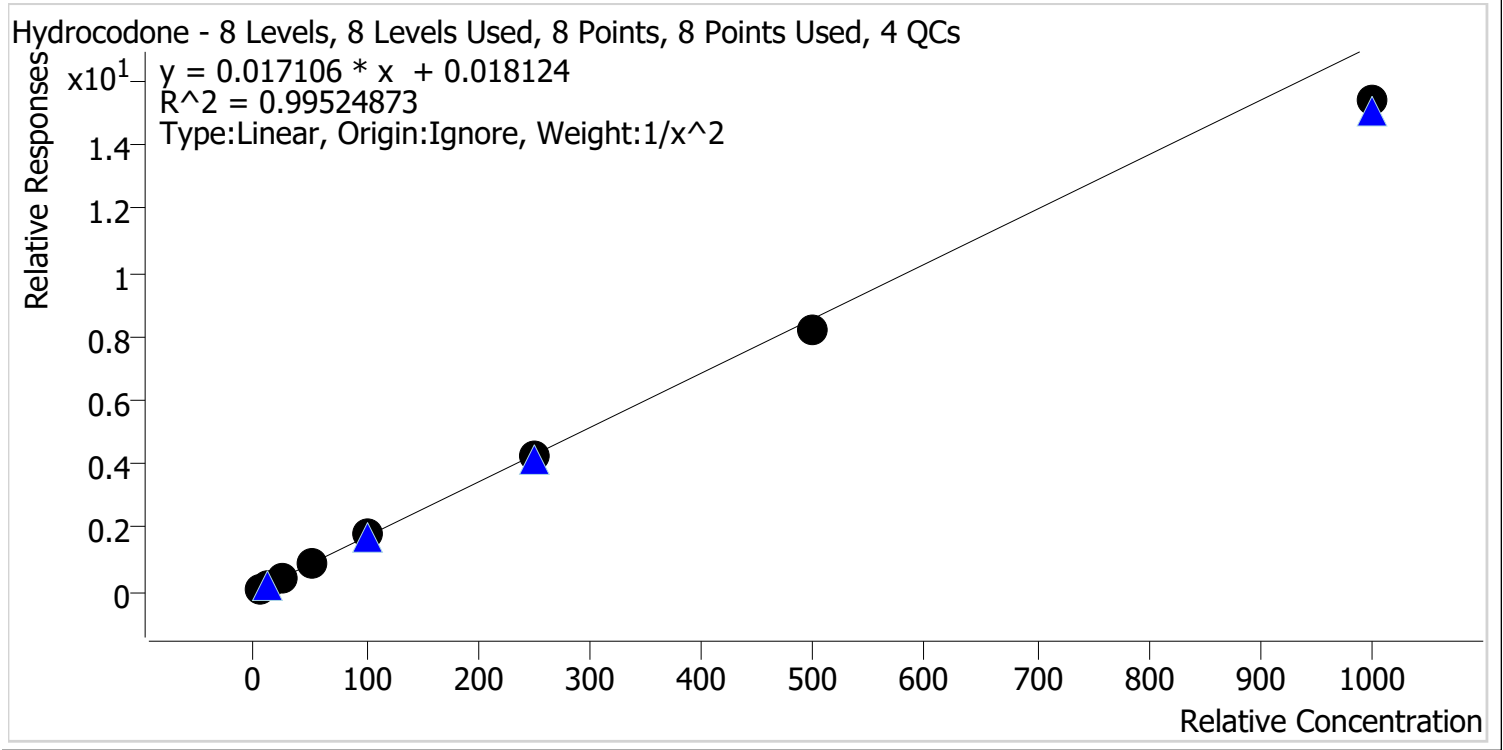


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	46.8	93.6
p1 Cal 5-100ng	5	✓	100.0	94.8	94.8
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	519.7	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1068.6	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

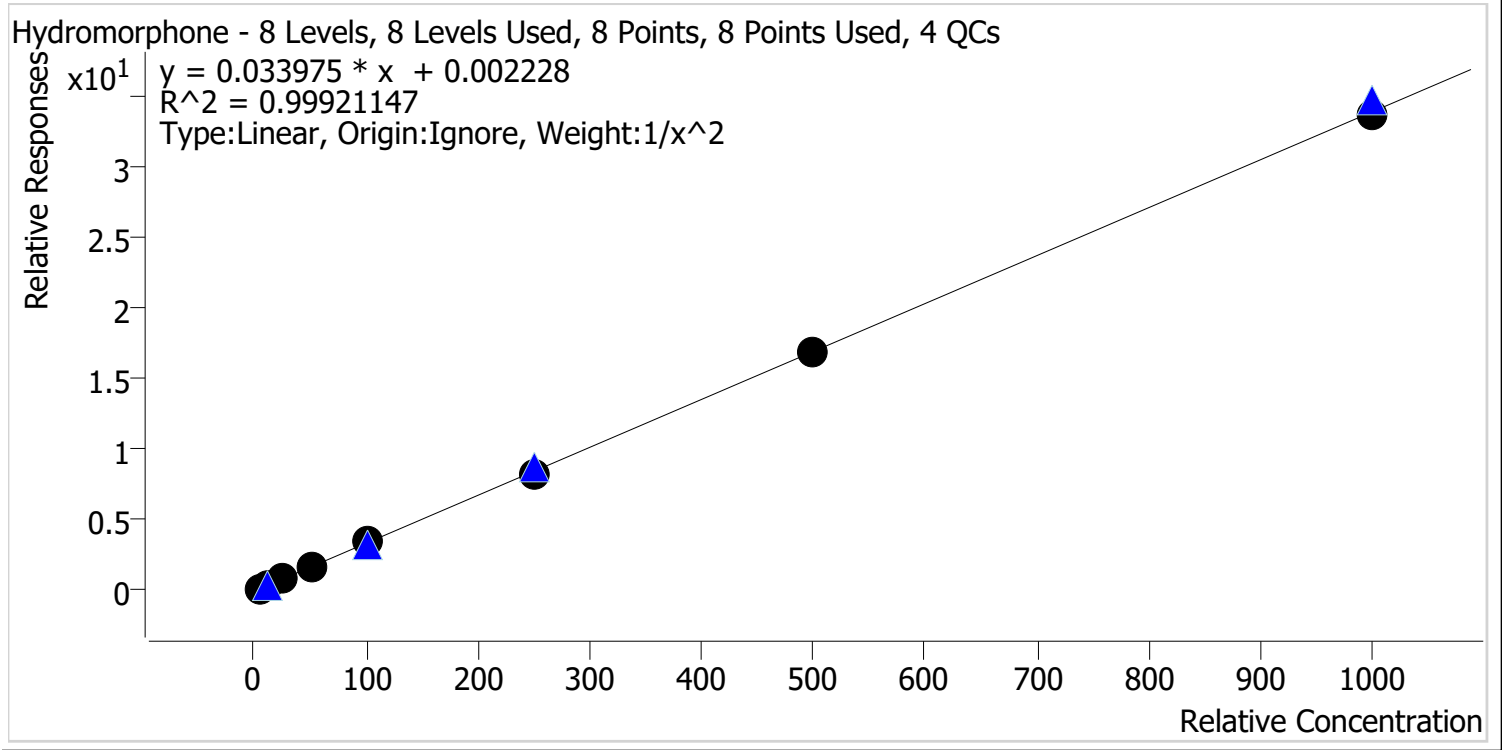


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.7	107.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	477.5	95.5
p1 Cal 8-1000ng	8	✓	1000.0	899.5	89.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

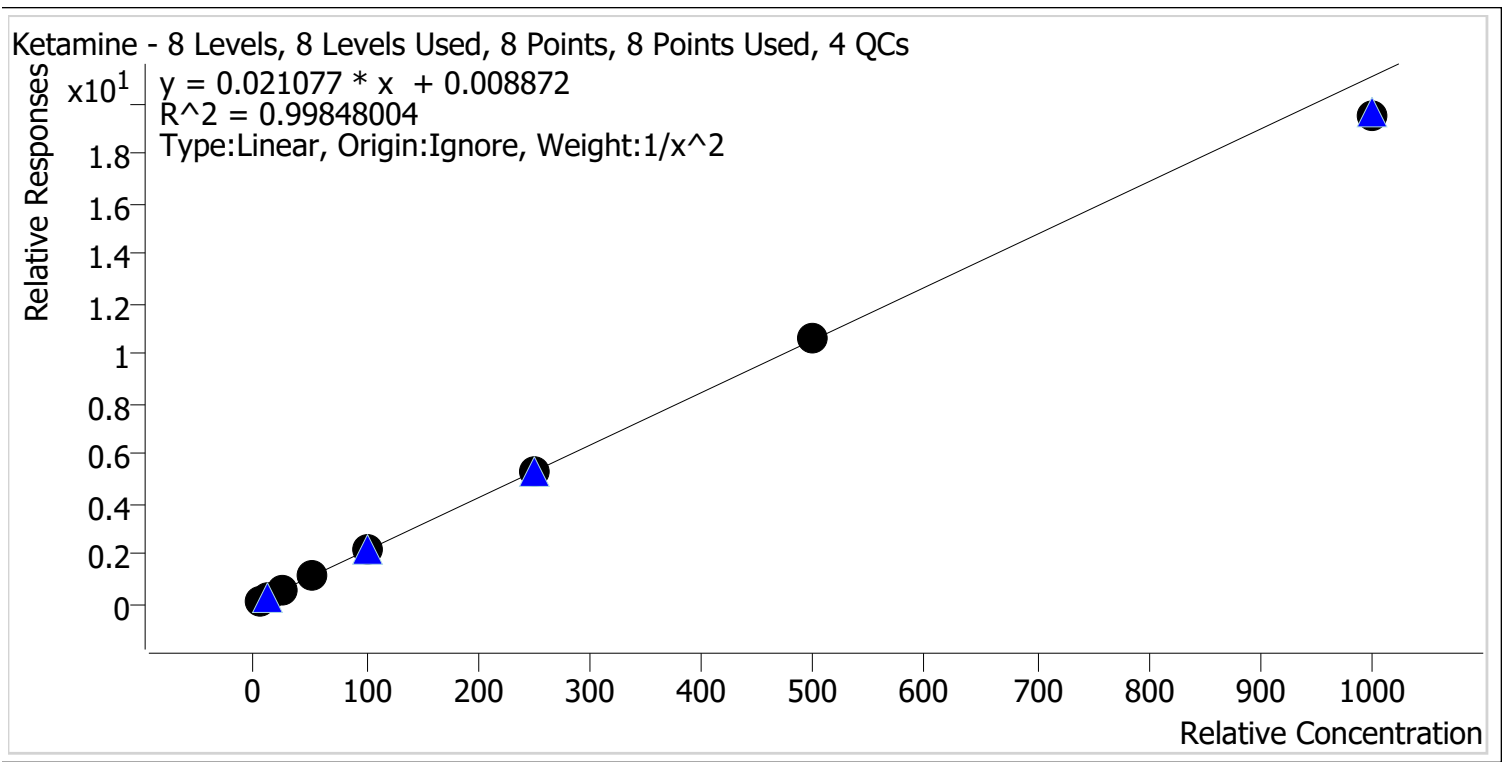


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	243.7	97.5
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	991.3	99.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

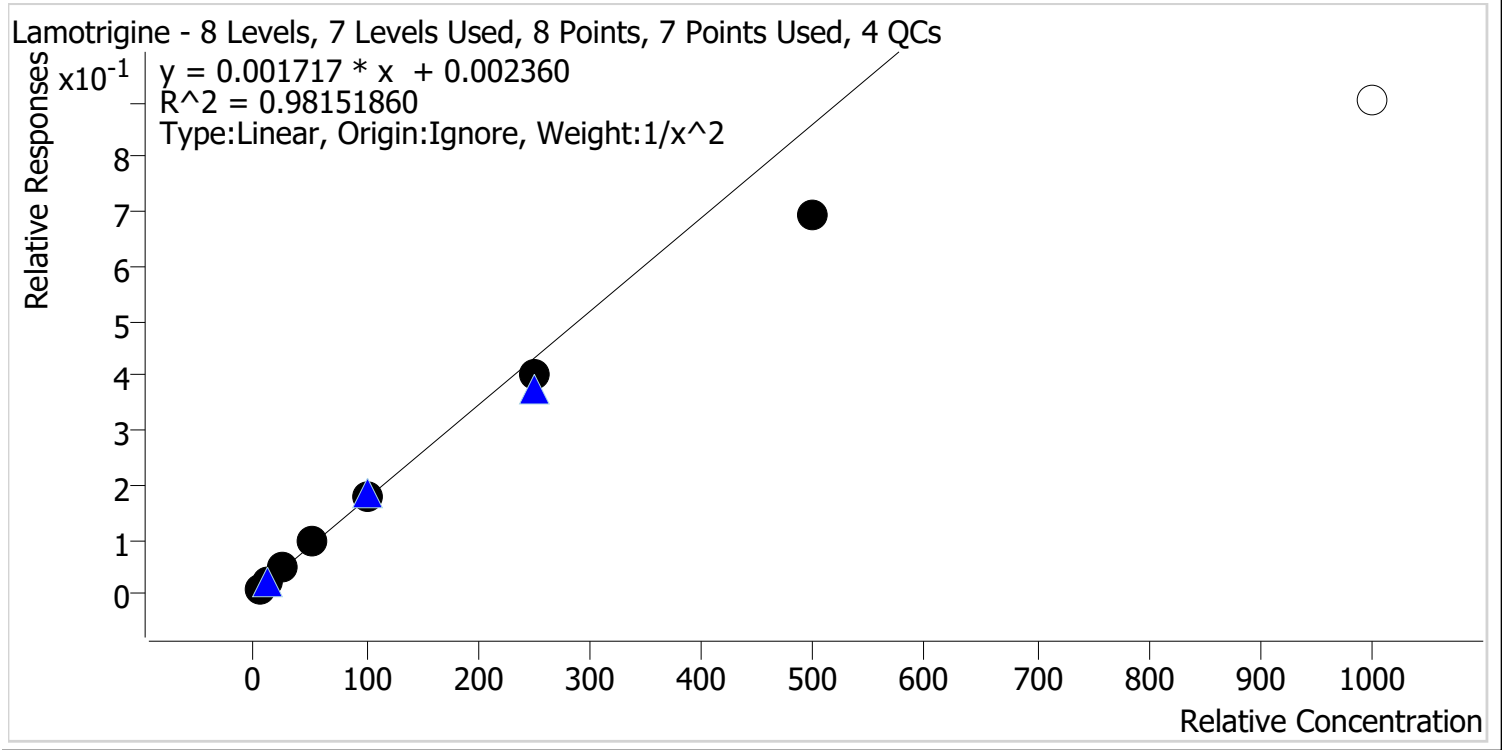


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	926.0	92.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4

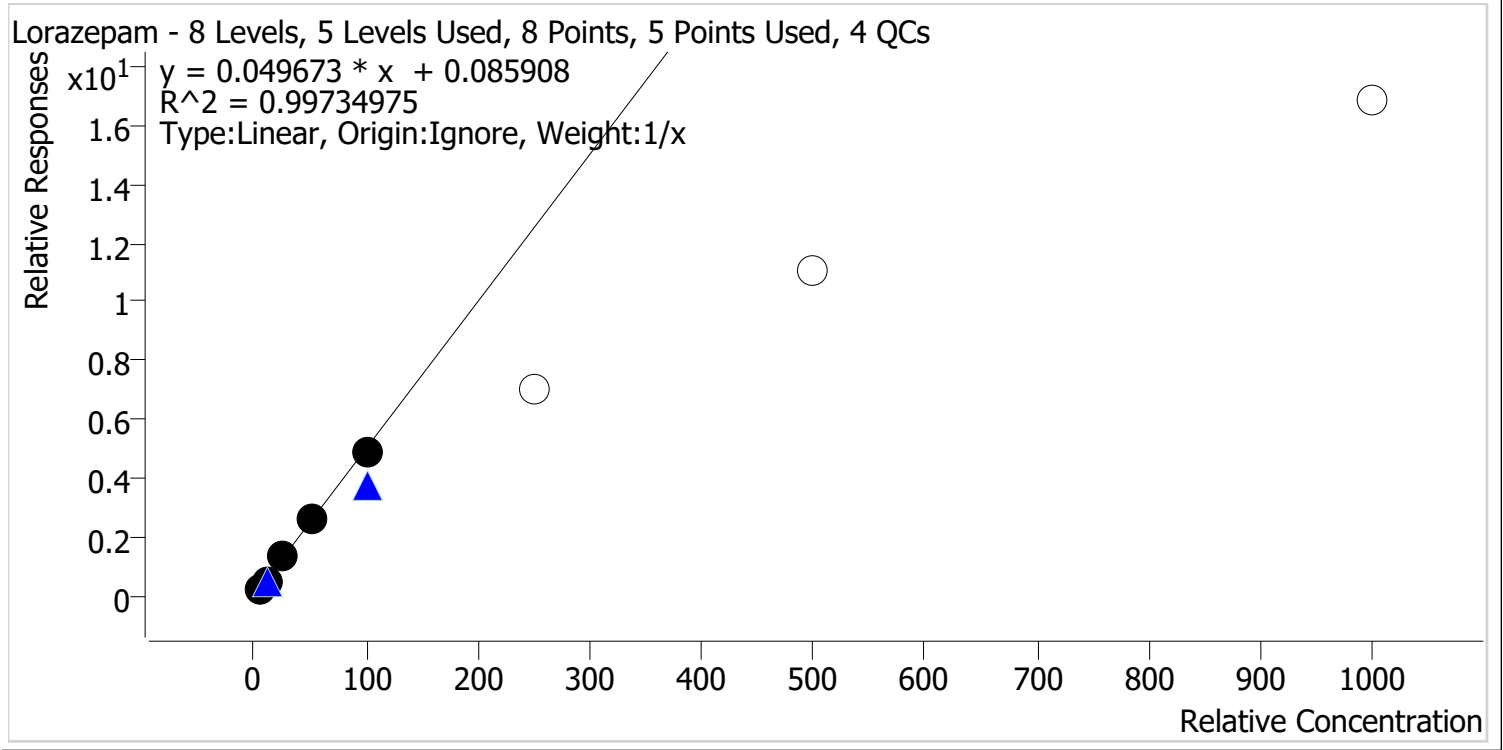


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.2
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.2
p1 Cal 4-50ng	4	✓	50.0	55.2	110.4
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	232.4	92.9
p1 Cal 7-500ng	7	✓	500.0	401.2	80.2
p1 Cal 8-1000ng	8	✗	1000.0	524.7	52.5

Calibrator 8 removed due to not meeting accuracy requirement.

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



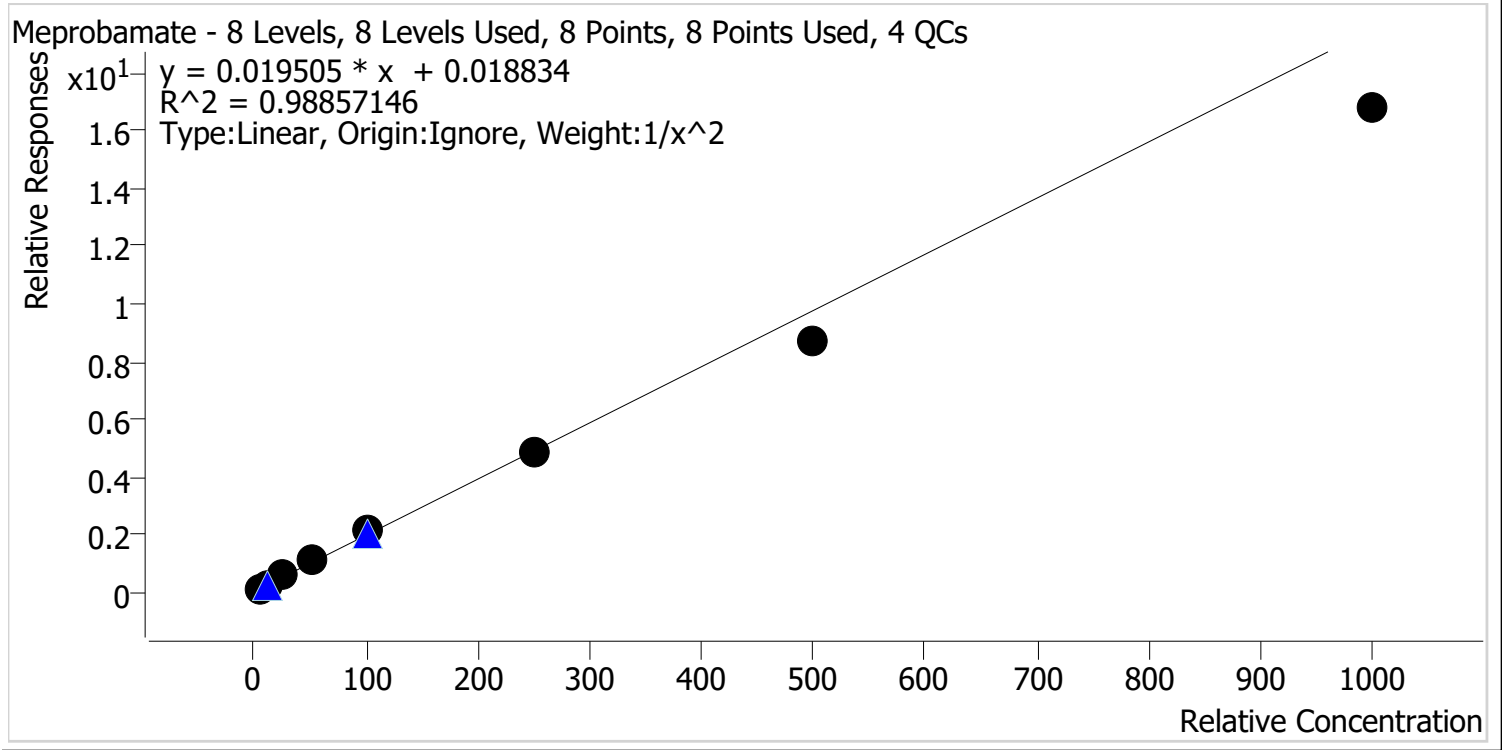
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	x	250.0	140.6	56.2
p1 Cal 7-500ng	7	x	500.0	221.1	44.2
p1 Cal 8-1000ng	8	x	1000.0	336.6	33.7

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datator
Analyte Meprobamate **Internal Standard** Meprobamate-D7



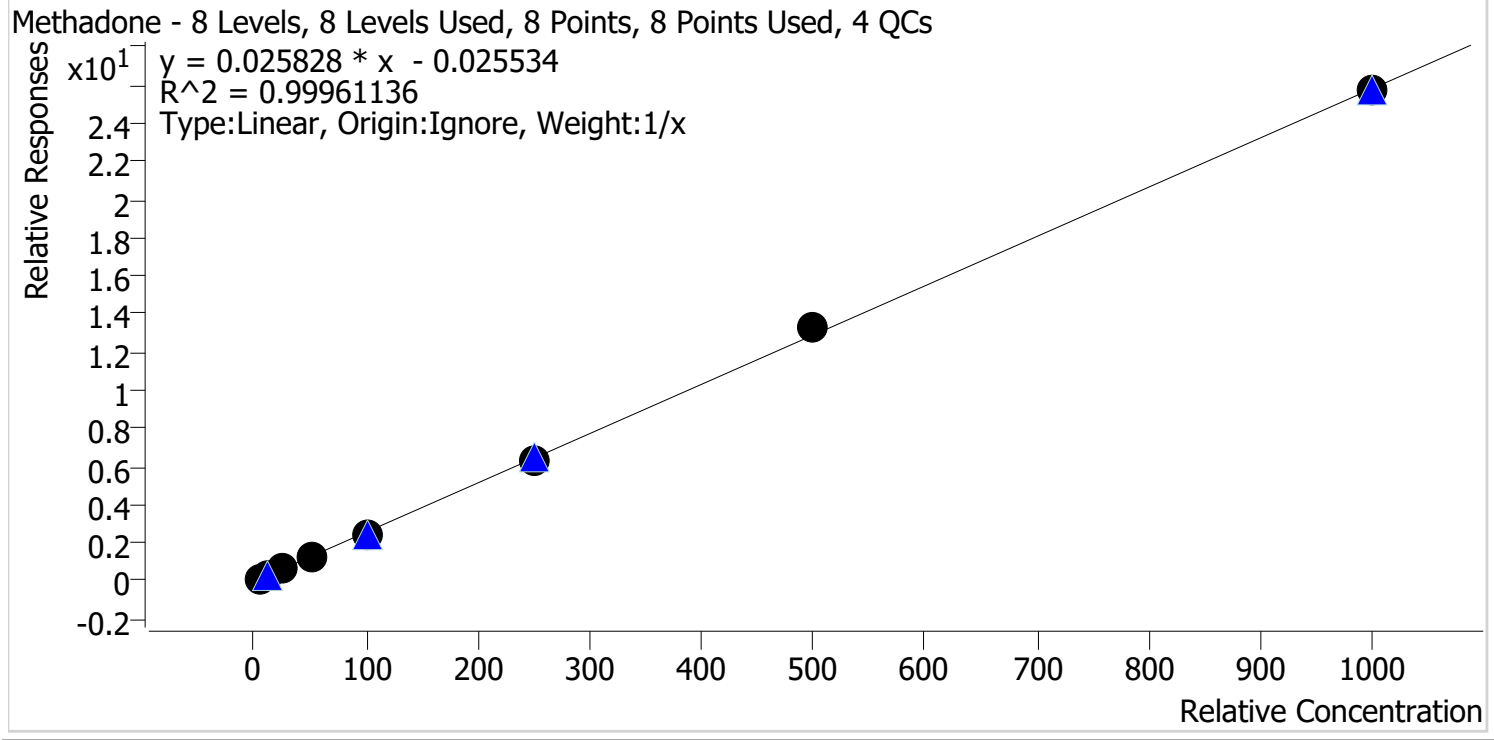
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	444.3	88.9
p1 Cal 8-1000ng	8	✓	1000.0	859.1	85.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

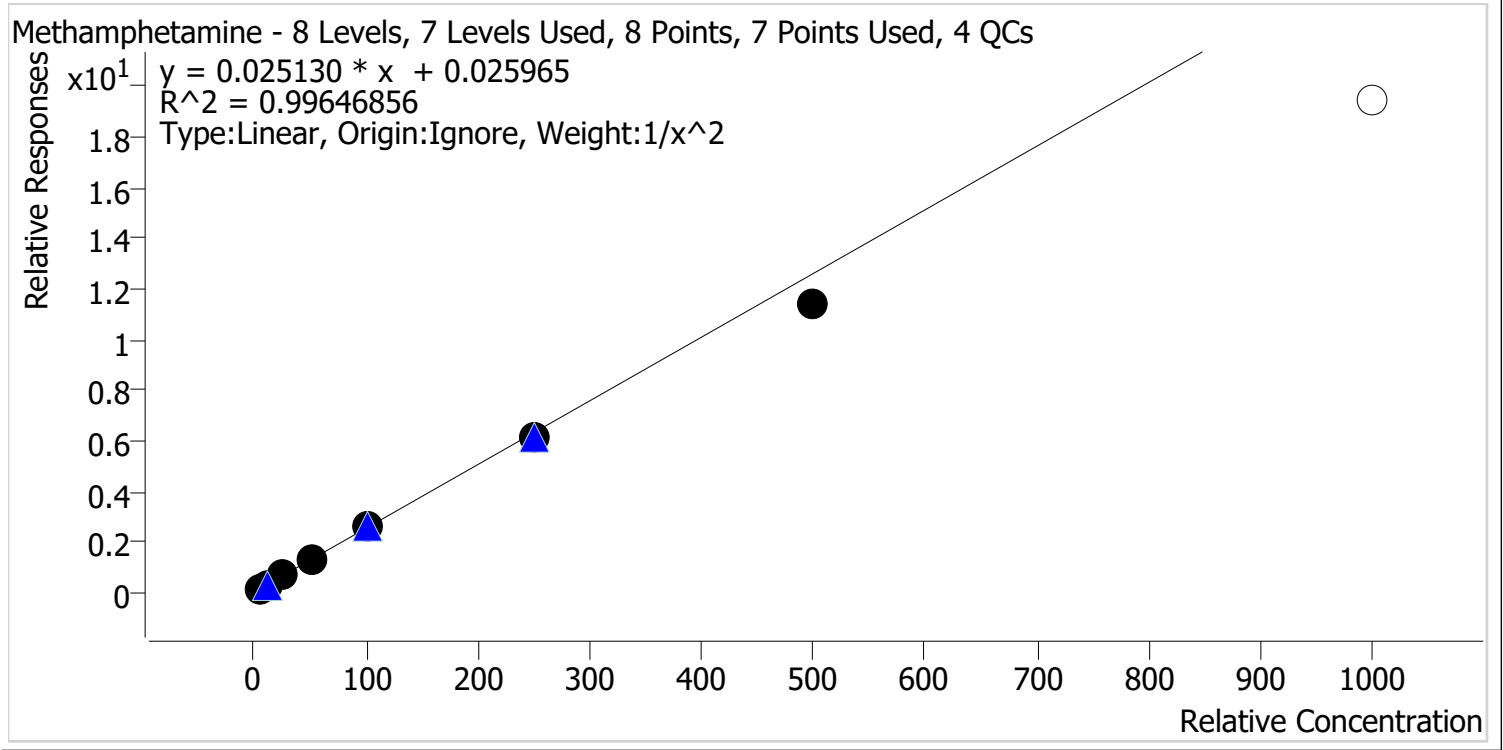


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	110.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	996.1	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



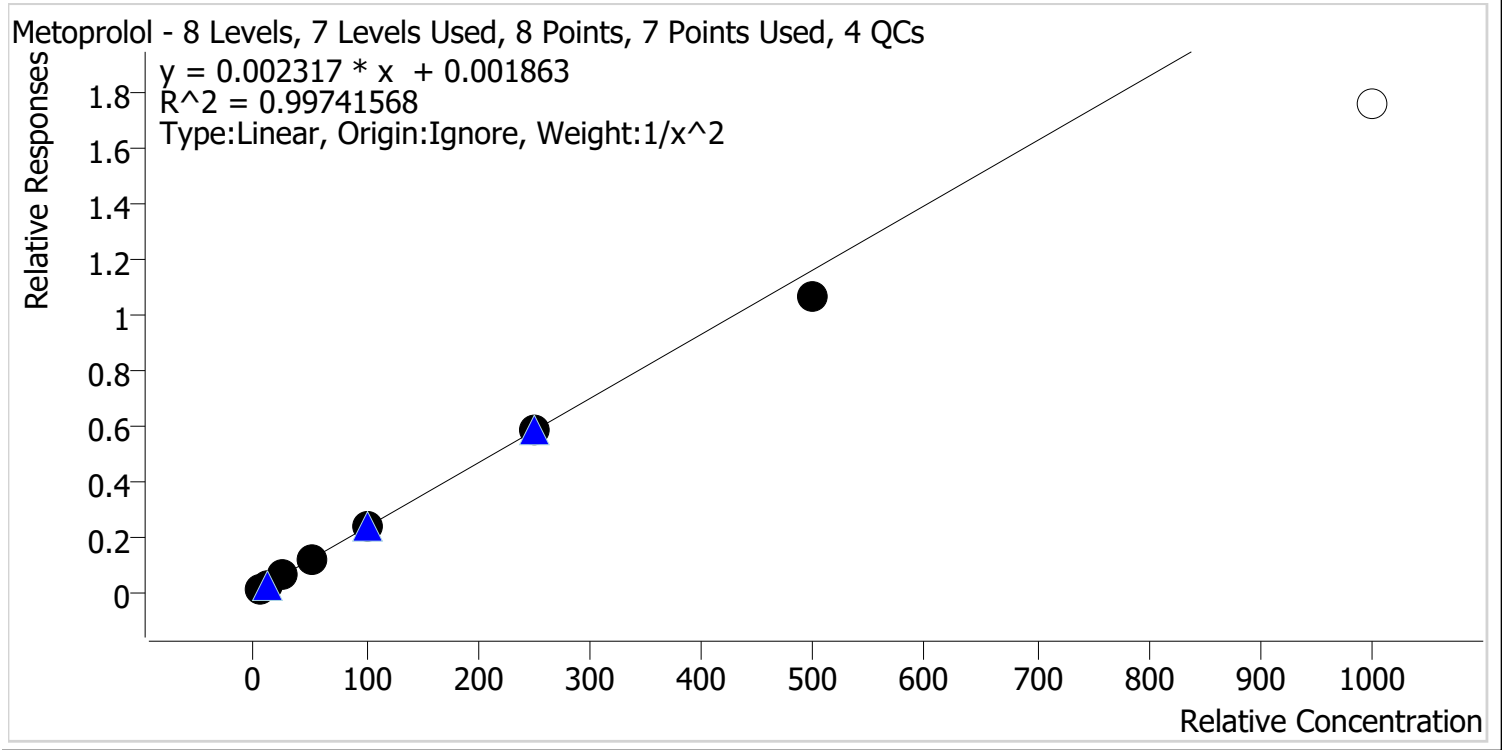
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	454.1	90.8
p1 Cal 8-1000ng	8	✗	1000.0	771.6	77.2

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



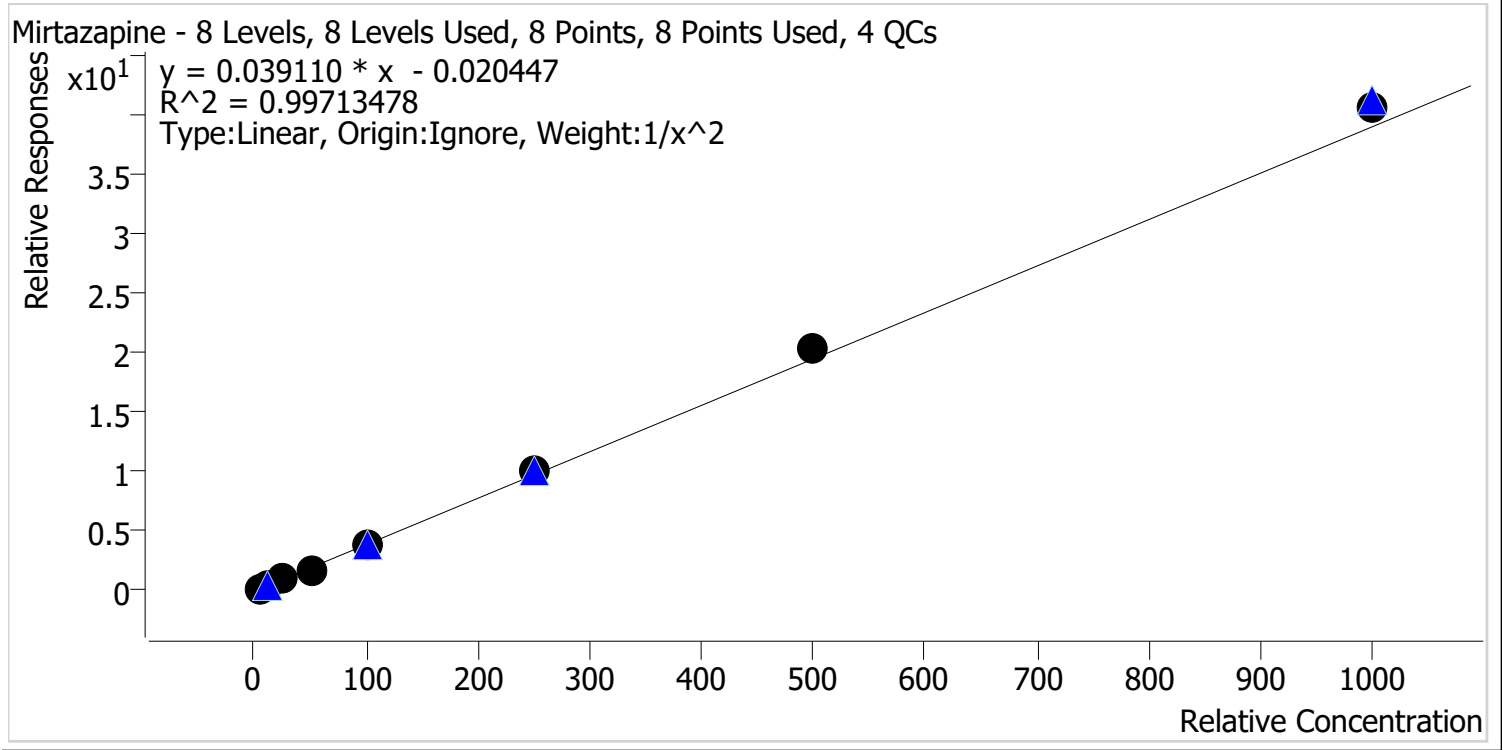
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	455.8	91.2
p1 Cal 8-1000ng	8	✗	1000.0	756.8	75.7

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



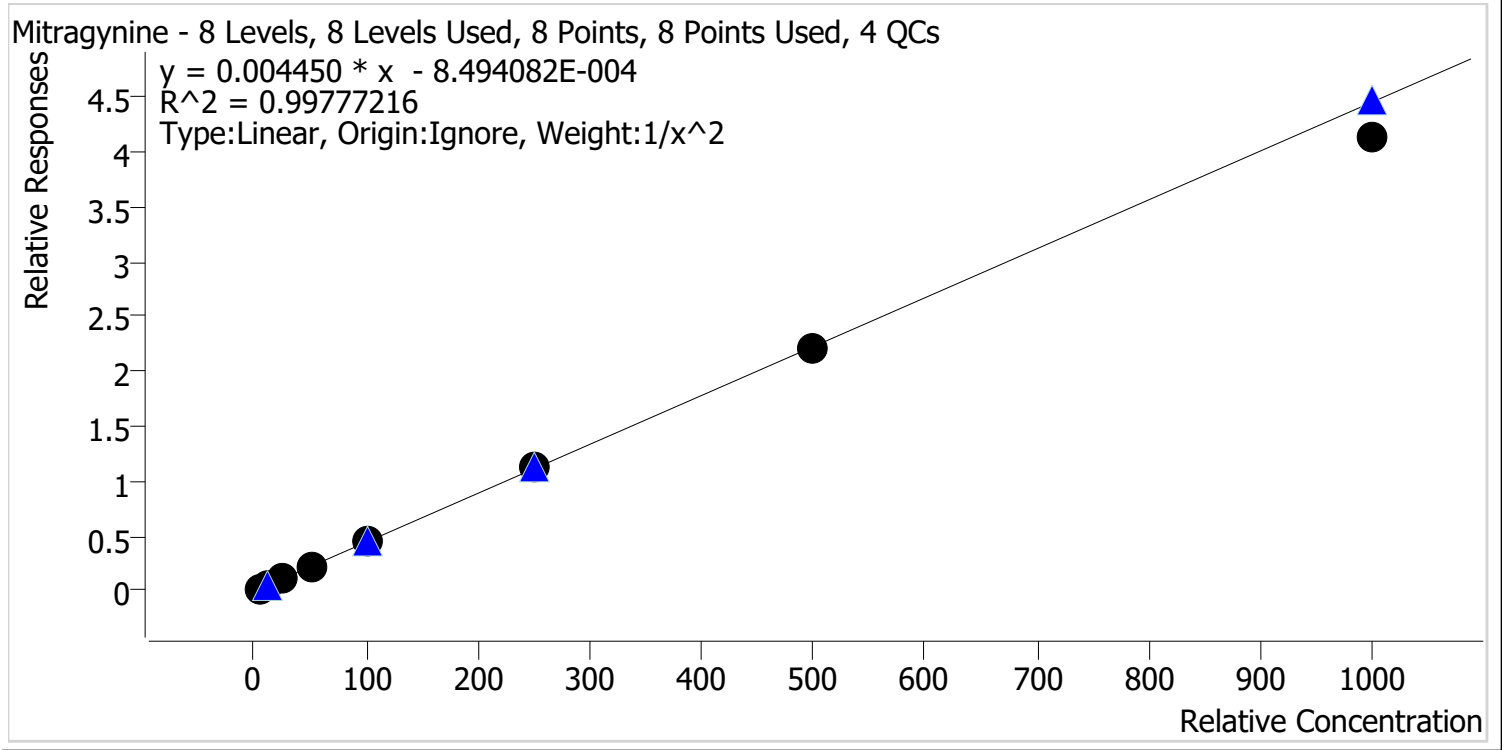
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	260.4	104.2
p1 Cal 7-500ng	7	✓	500.0	523.9	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1043.4	104.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

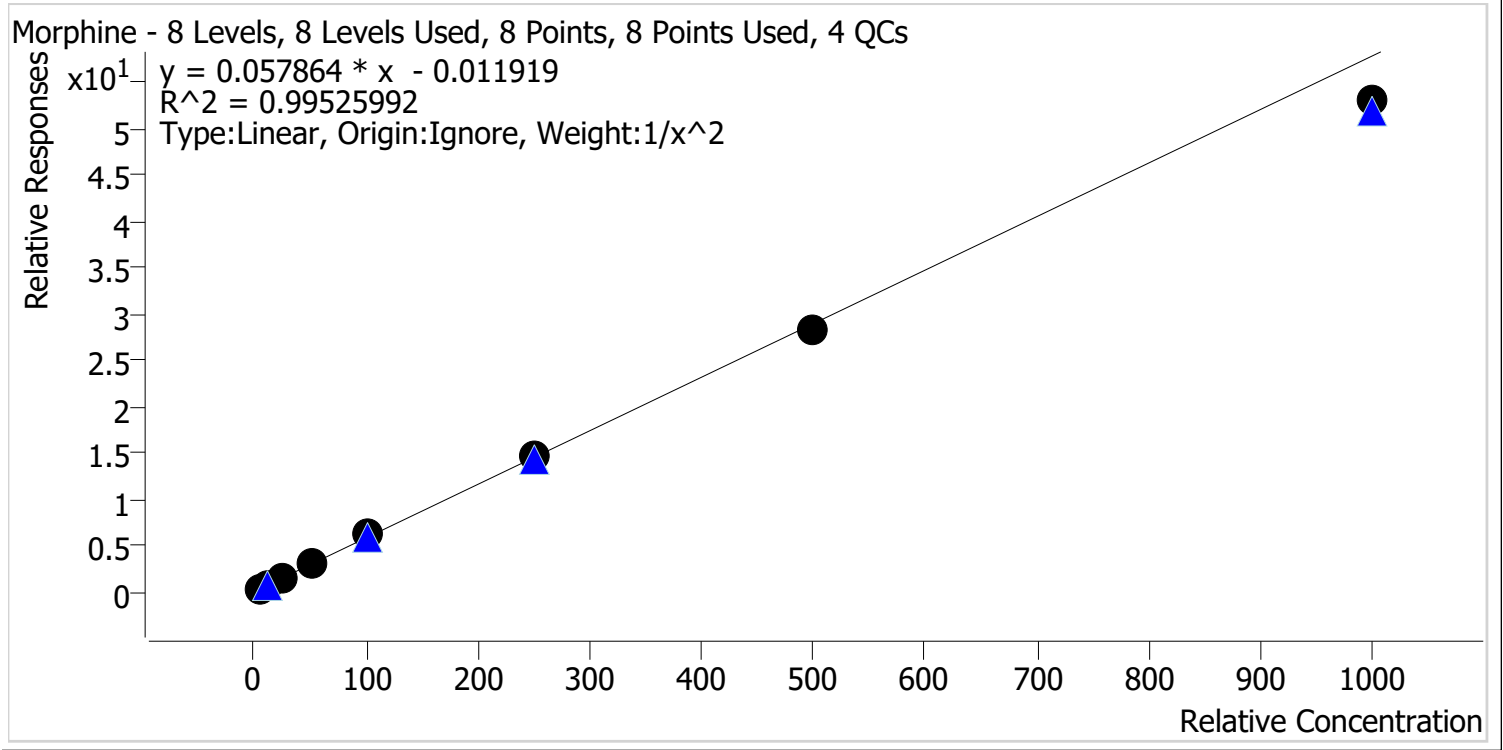


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	931.8	93.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



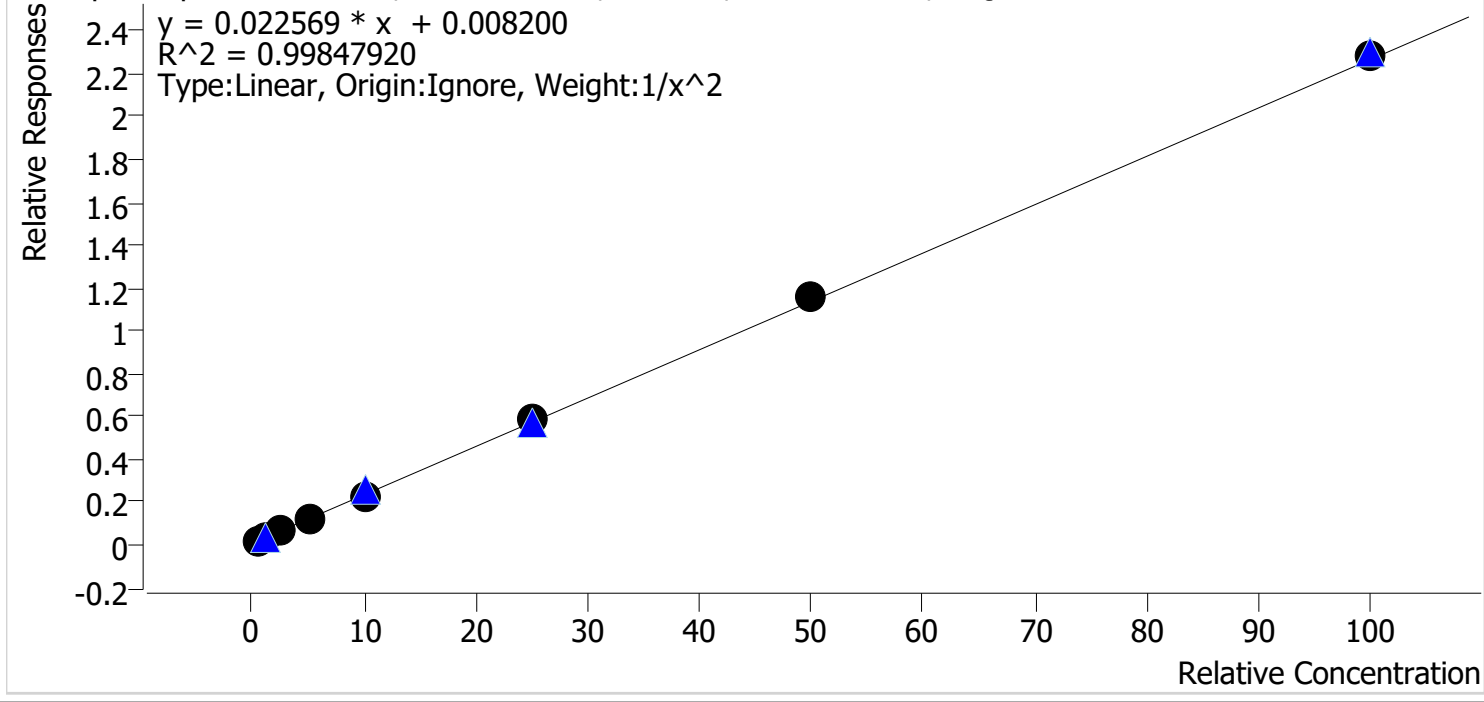
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	109.4	109.4
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	916.7	91.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

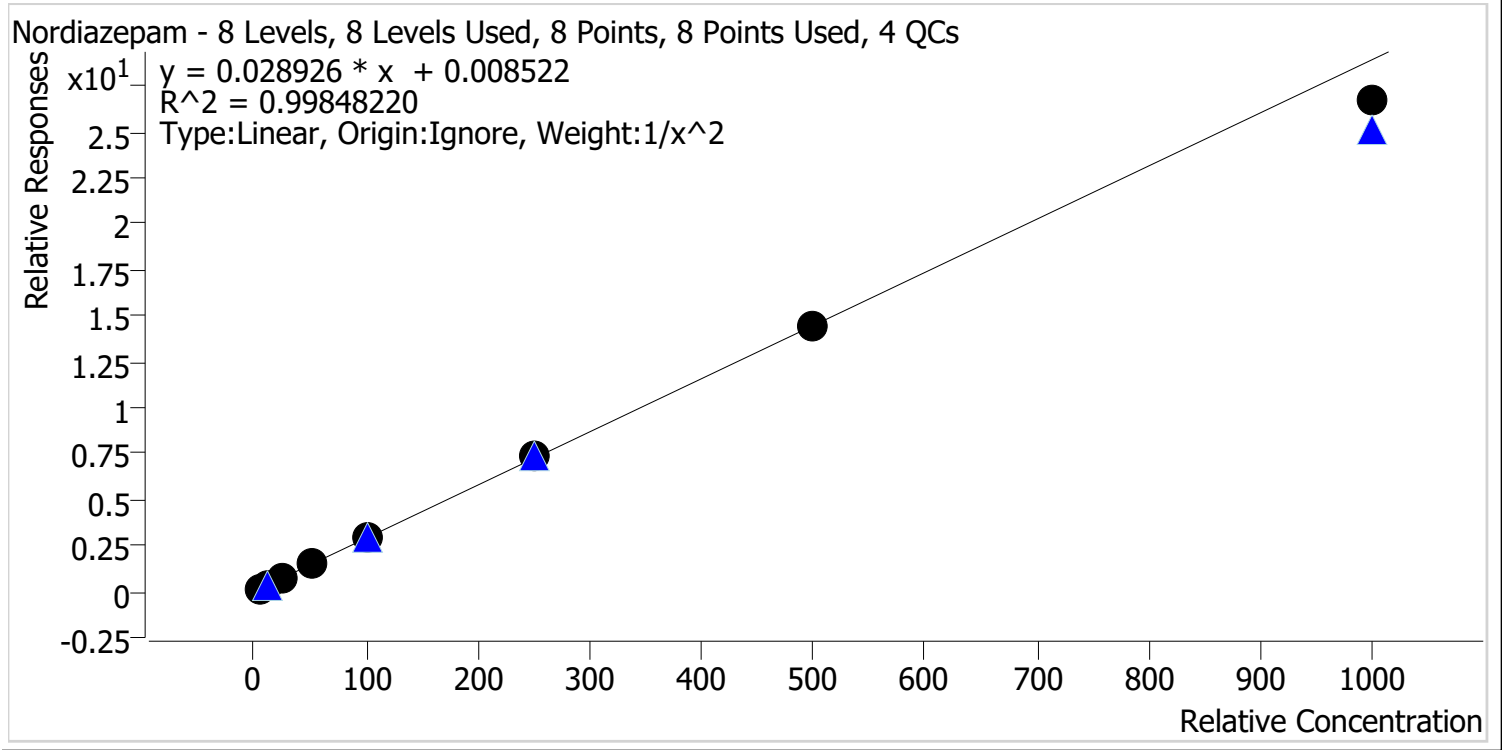


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.6
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.6
p1 Cal 4-50ng	4	✓	5.0	5.1	102.1
p1 Cal 5-100ng	5	✓	10.0	9.2	92.0
p1 Cal 6-250ng	6	✓	25.0	25.5	102.0
p1 Cal 7-500ng	7	✓	50.0	51.2	102.3
p1 Cal 8-1000ng	8	✓	100.0	101.2	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

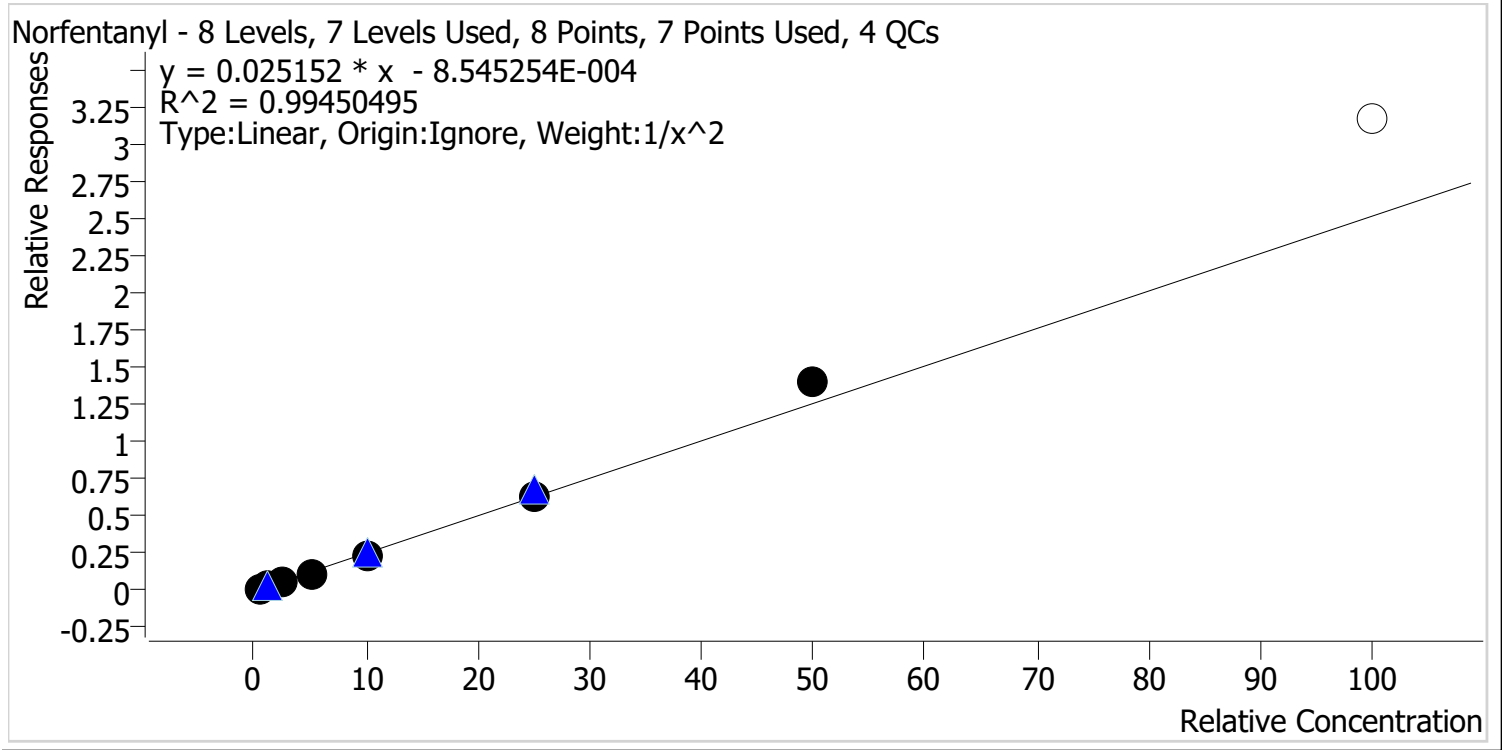


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	500.3	100.1
p1 Cal 8-1000ng	8	✓	1000.0	923.0	92.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



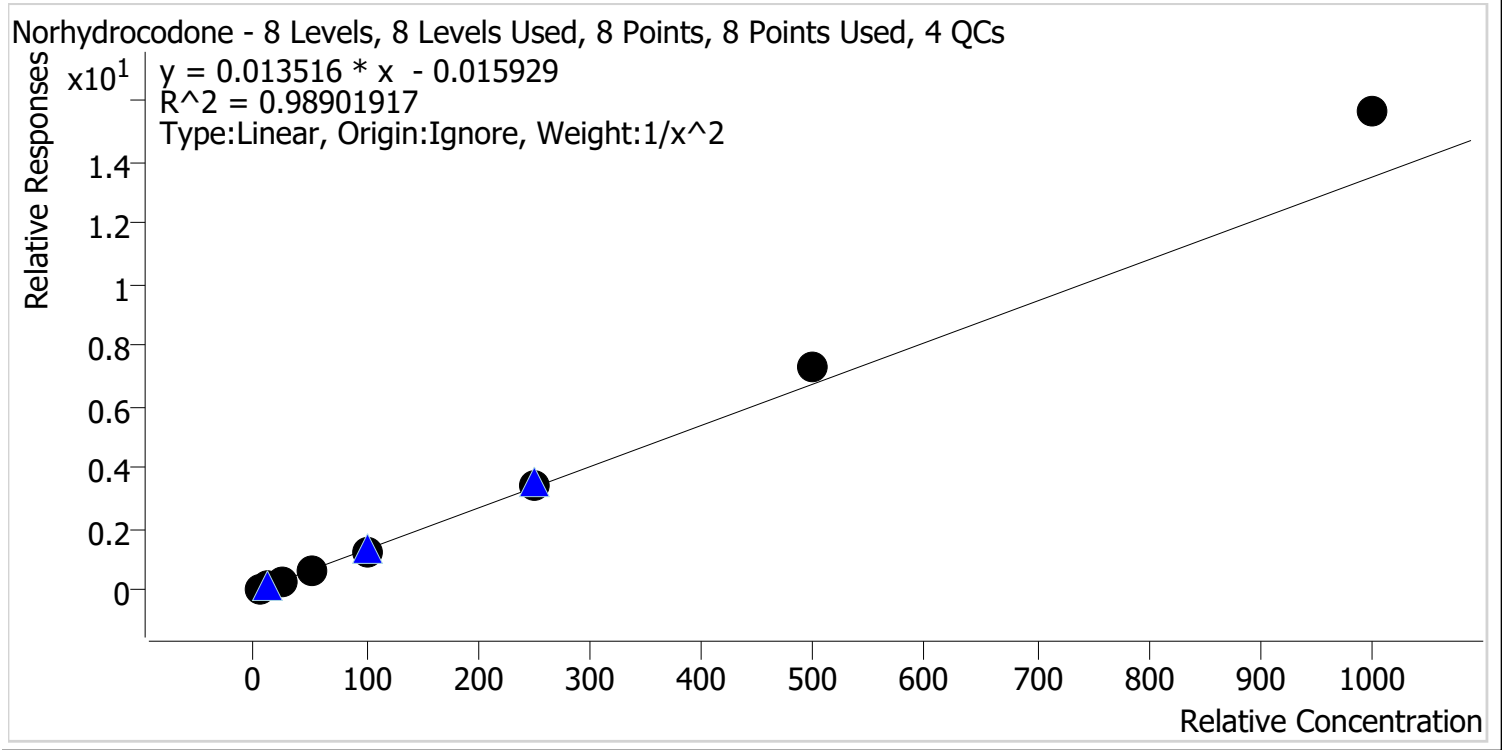
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.4
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.6
p1 Cal 4-50ng	4	✓	5.0	4.7	94.6
p1 Cal 5-100ng	5	✓	10.0	9.6	95.7
p1 Cal 6-250ng	6	✓	25.0	25.5	102.0
p1 Cal 7-500ng	7	✓	50.0	56.0	112.0
p1 Cal 8-1000ng	8	✗	100.0	125.6	125.6

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

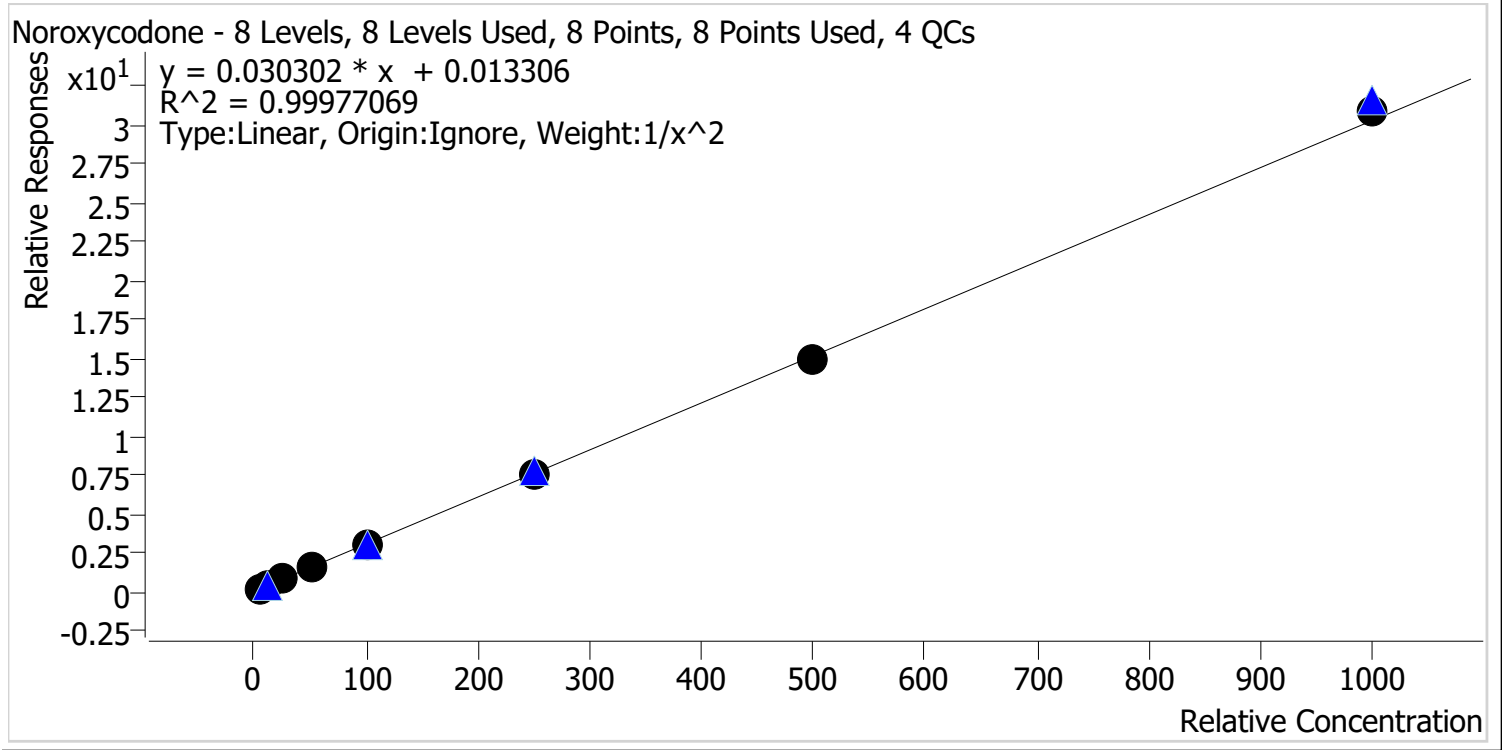


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.4
p1 Cal 2-10ng	2	✓	10.0	9.2	92.4
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	45.7	91.5
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	540.7	108.1
p1 Cal 8-1000ng	8	✓	1000.0	1156.0	115.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

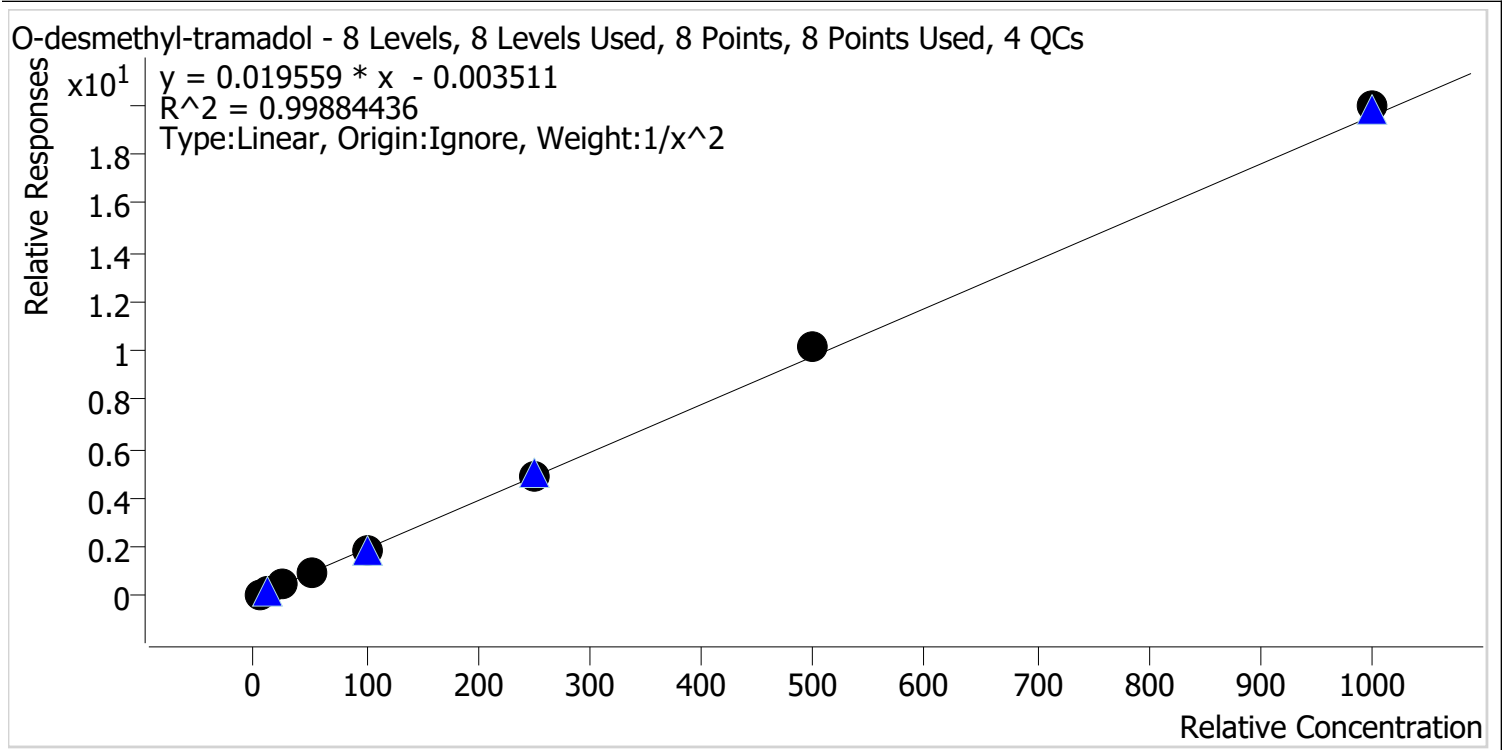


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	1022.4	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



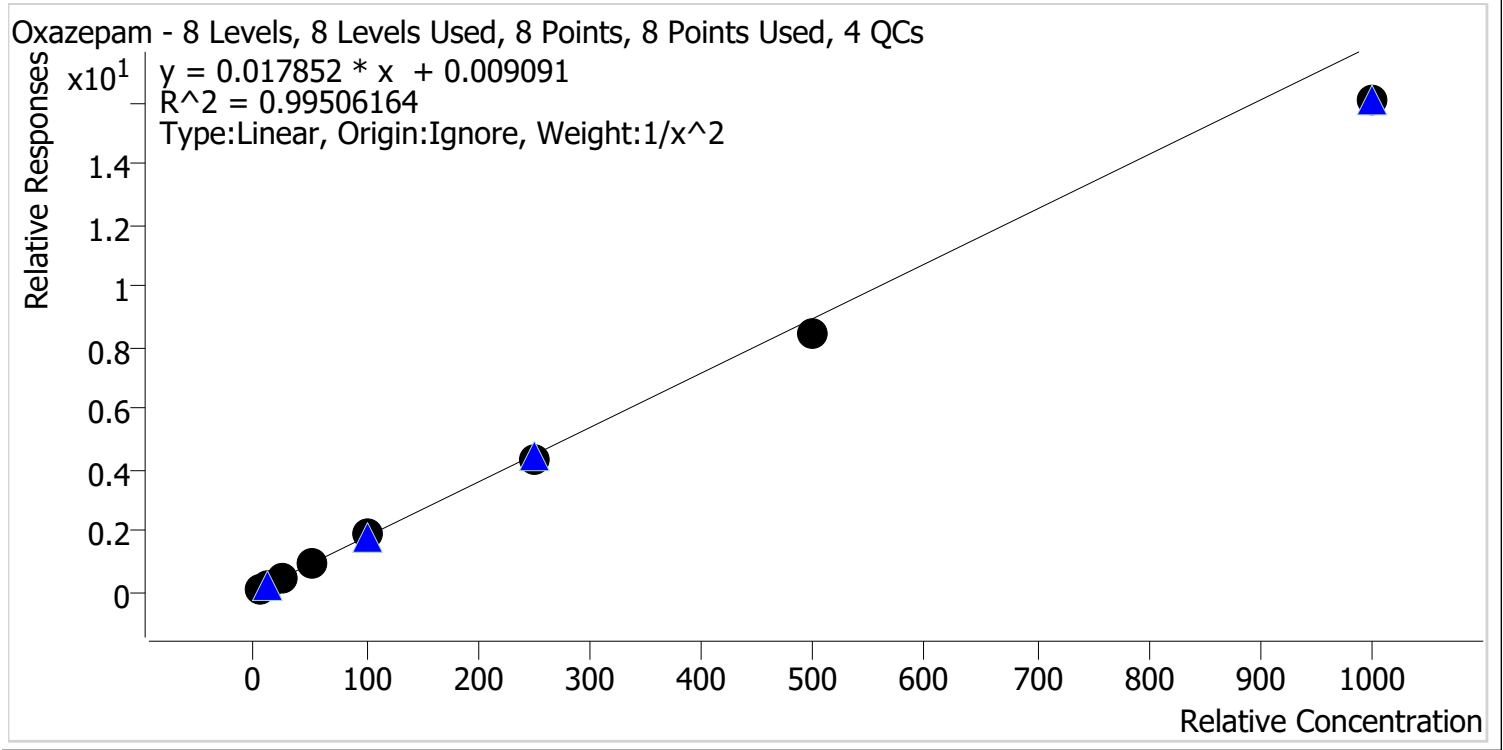
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1020.3	102.0

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



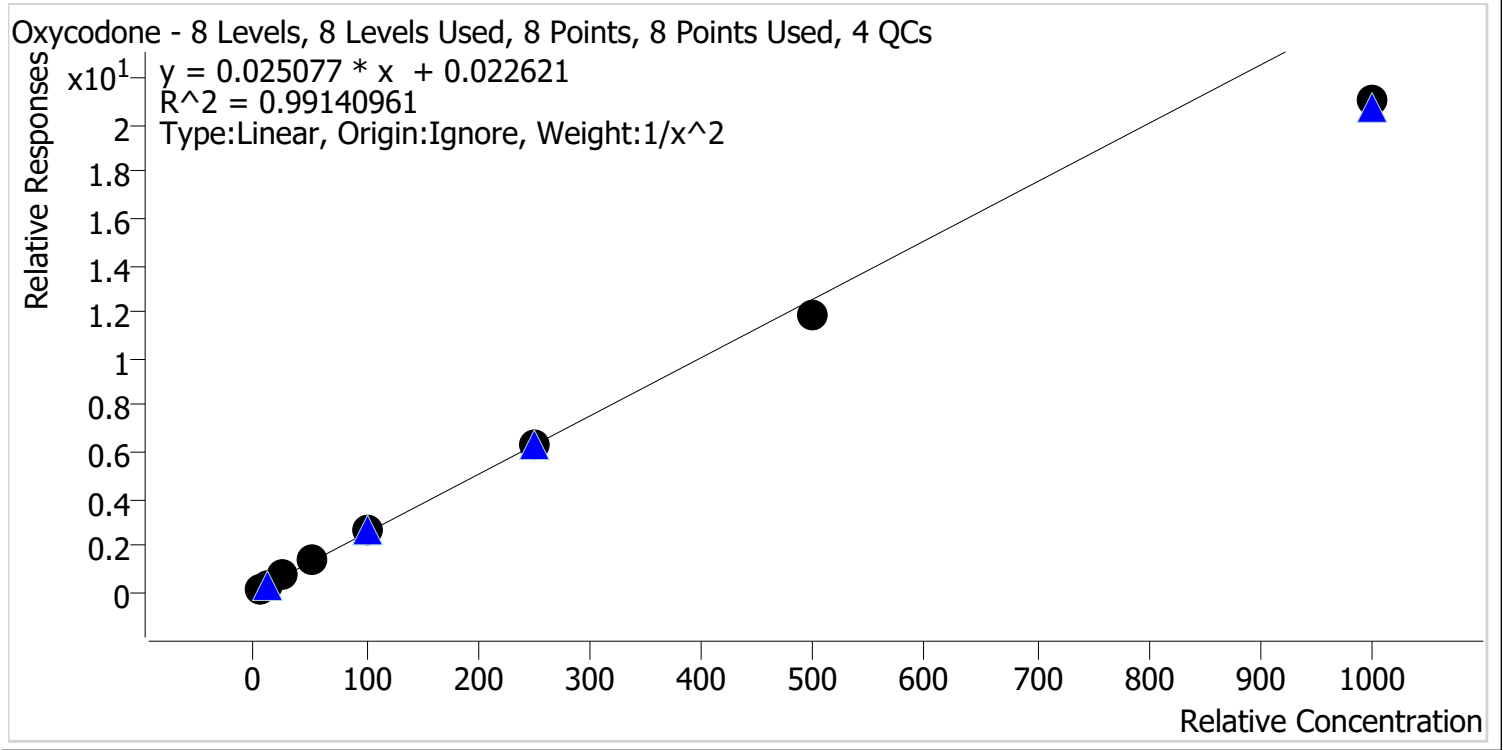
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	108.3	108.3
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	475.1	95.0
p1 Cal 8-1000ng	8	✓	1000.0	898.9	89.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

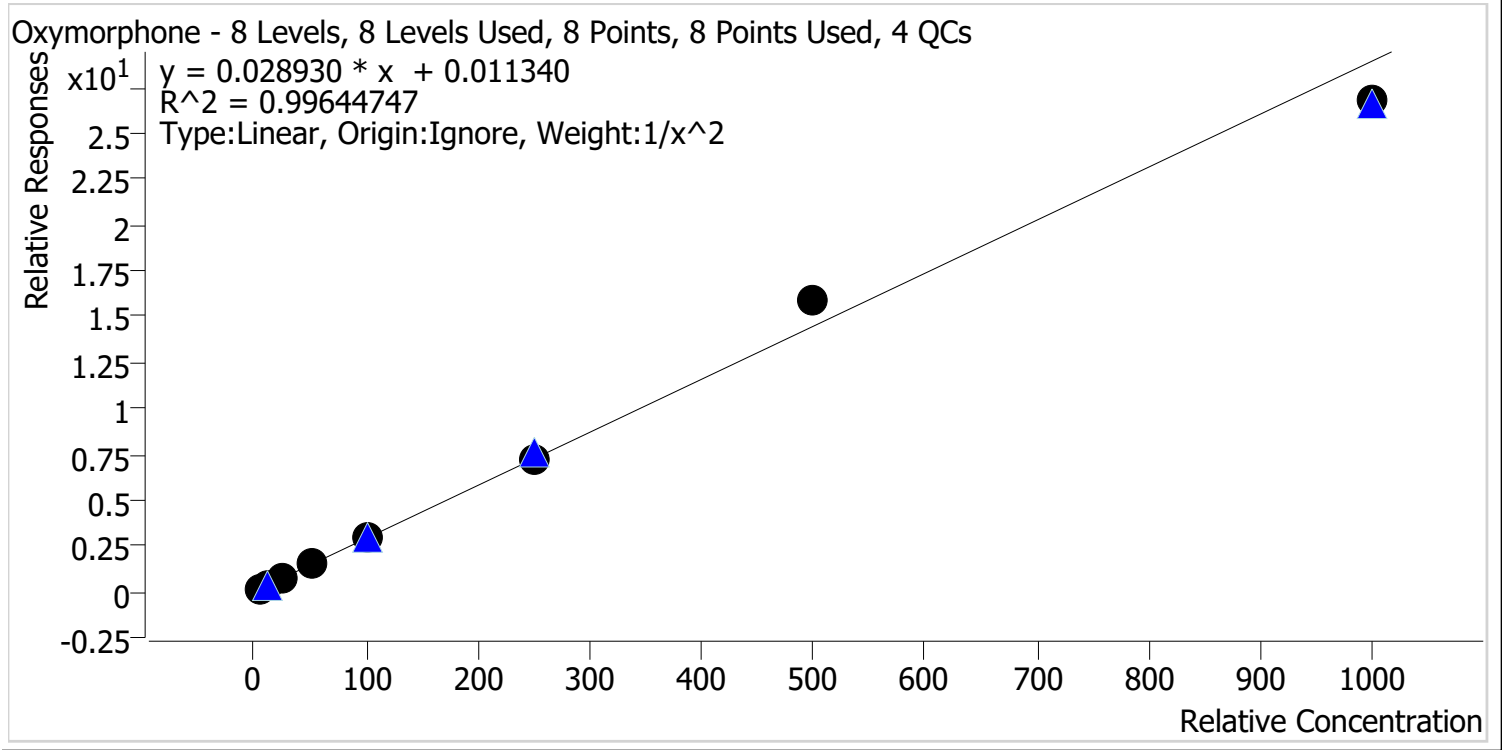


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	475.2	95.0
p1 Cal 8-1000ng	8	✓	1000.0	839.2	83.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

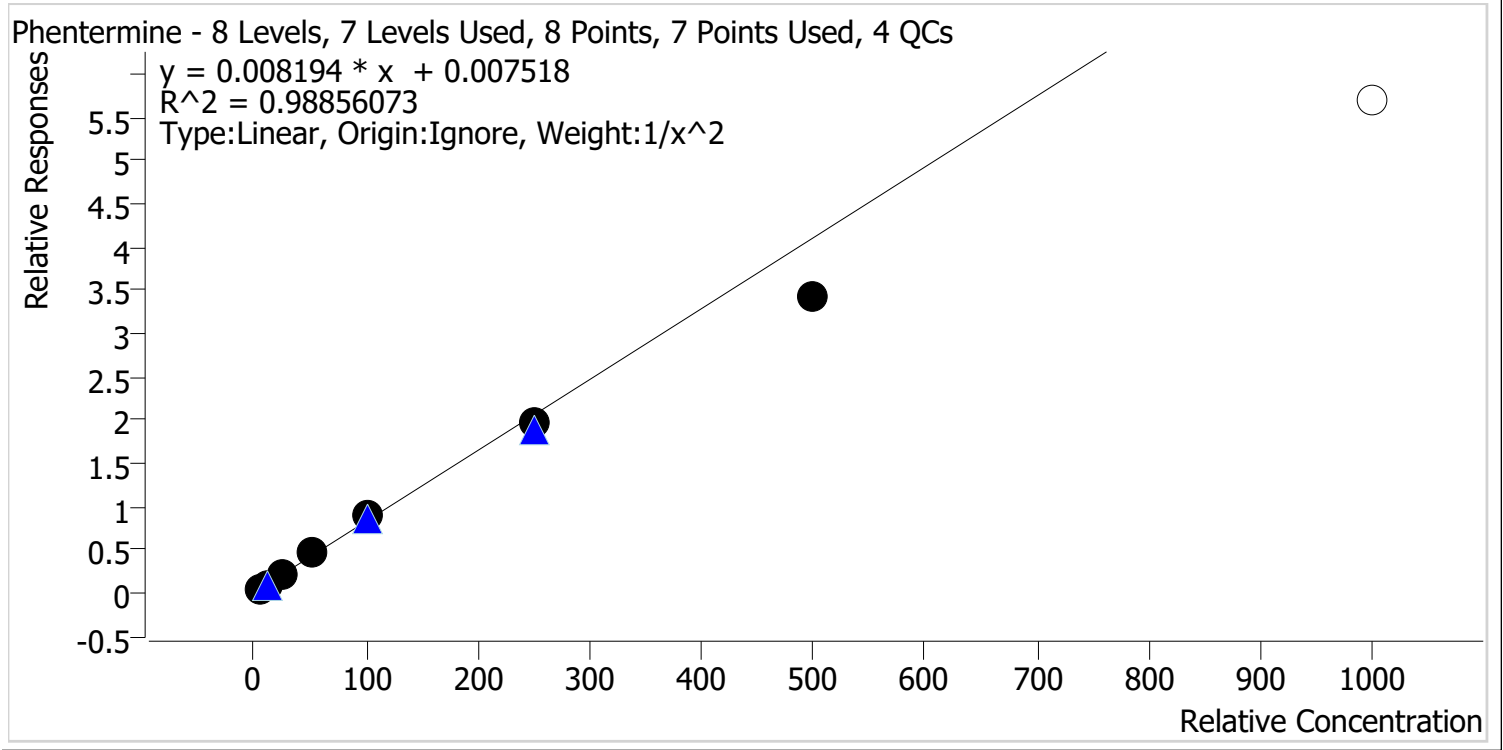


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	550.6	110.1
p1 Cal 8-1000ng	8	✓	1000.0	925.5	92.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



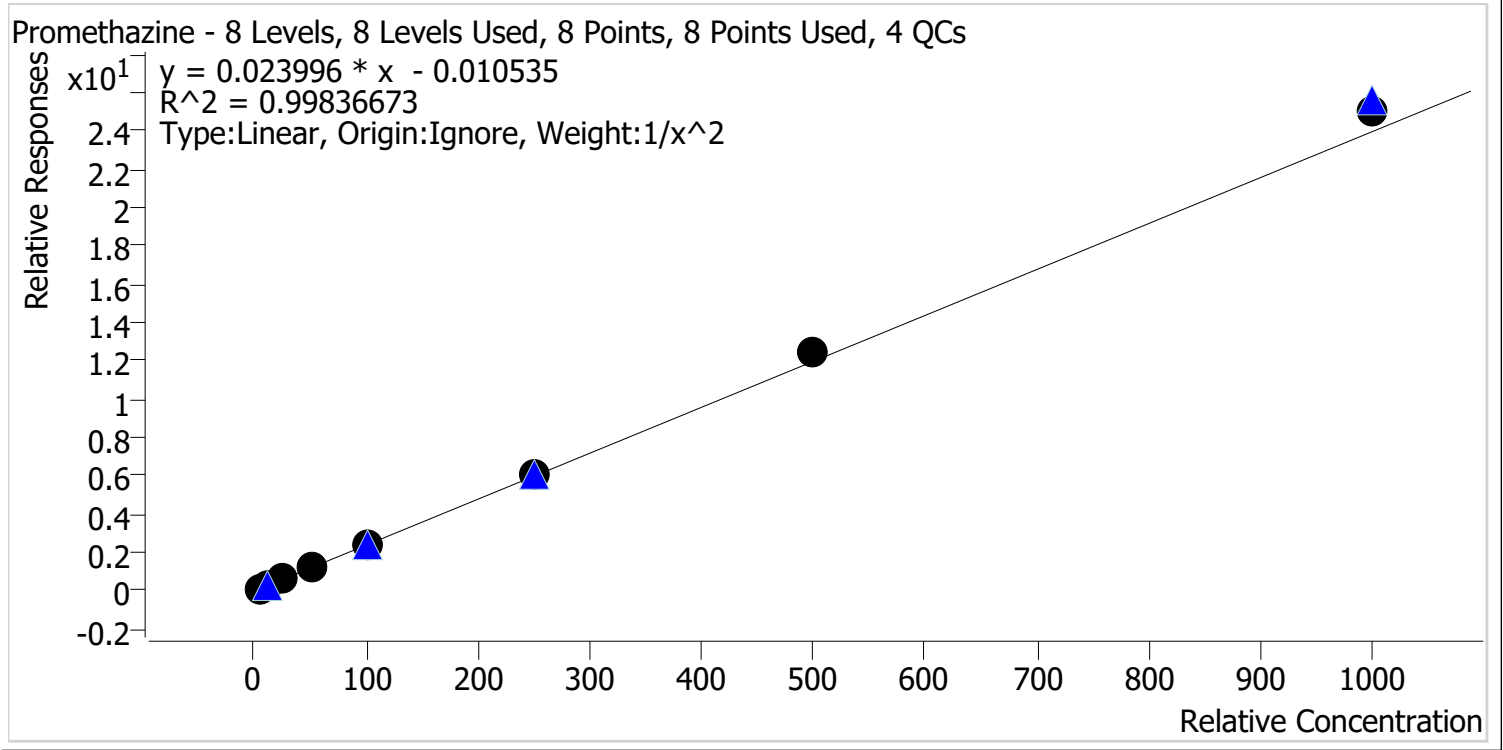
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	416.3	83.3
p1 Cal 8-1000ng	8	✗	1000.0	693.5	69.4

Calibrator 8 removed due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



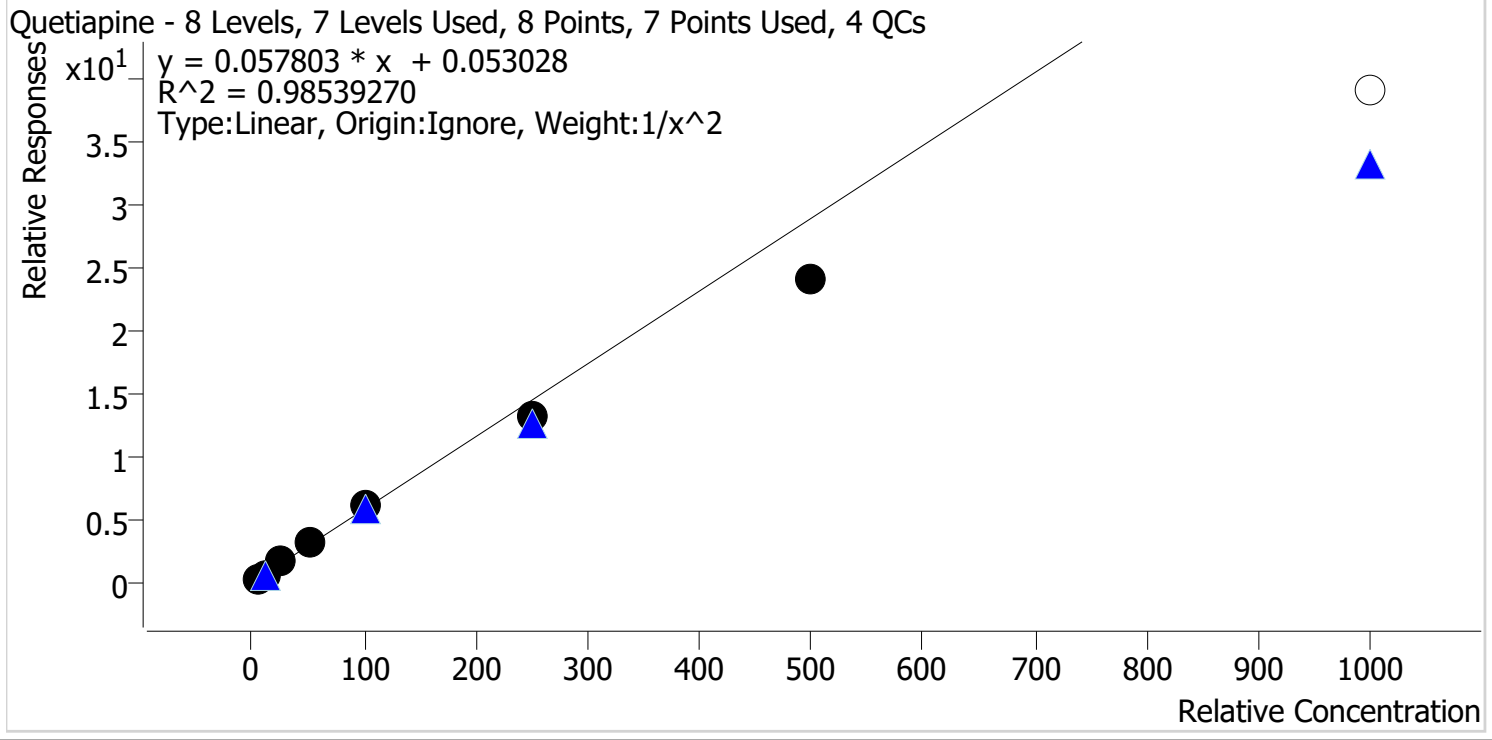
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	523.2	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1045.0	104.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 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	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	229.7	91.9
p1 Cal 7-500ng	7	✓	500.0	414.3	82.9
p1 Cal 8-1000ng	8	✗	1000.0	675.3	67.5

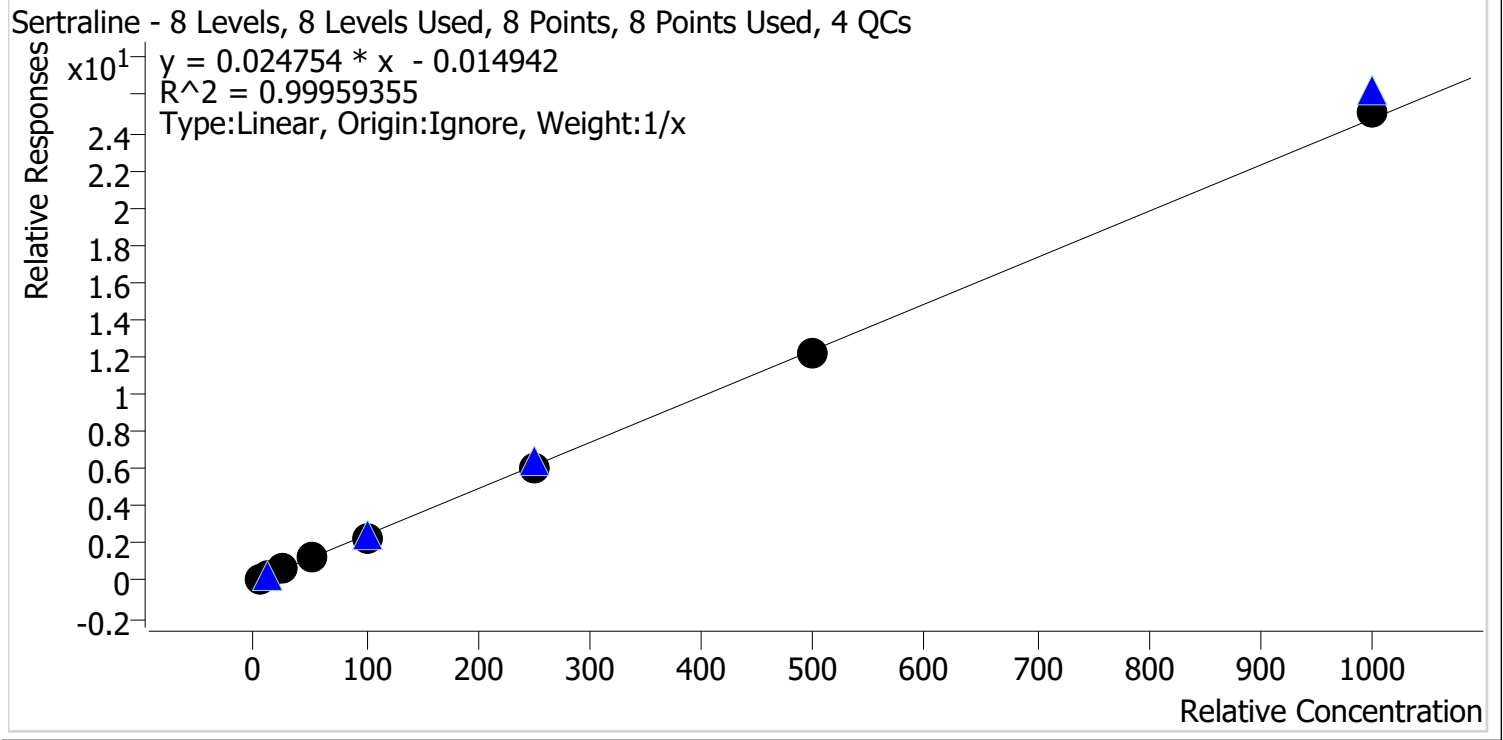
Calibrator 8 removed due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

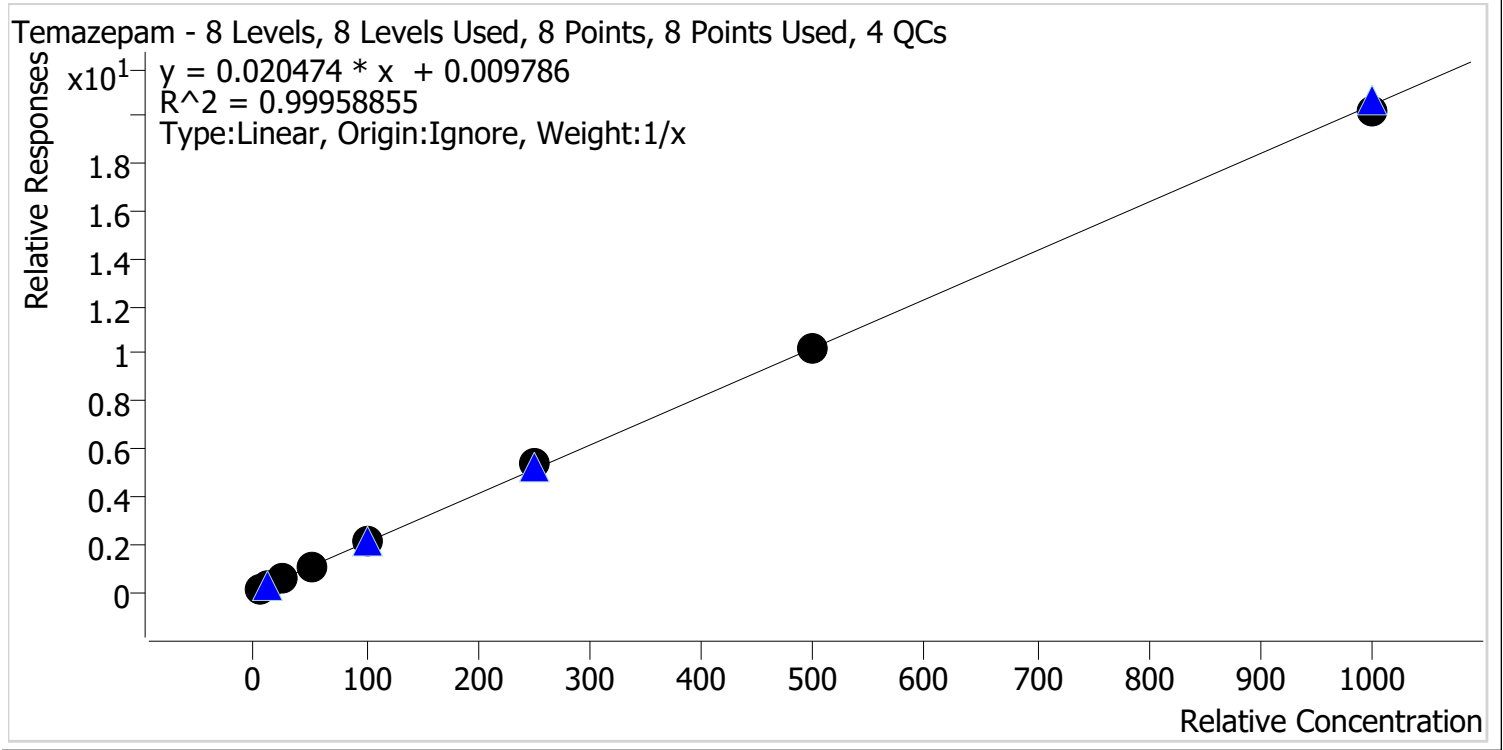


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	493.2	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1017.0	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



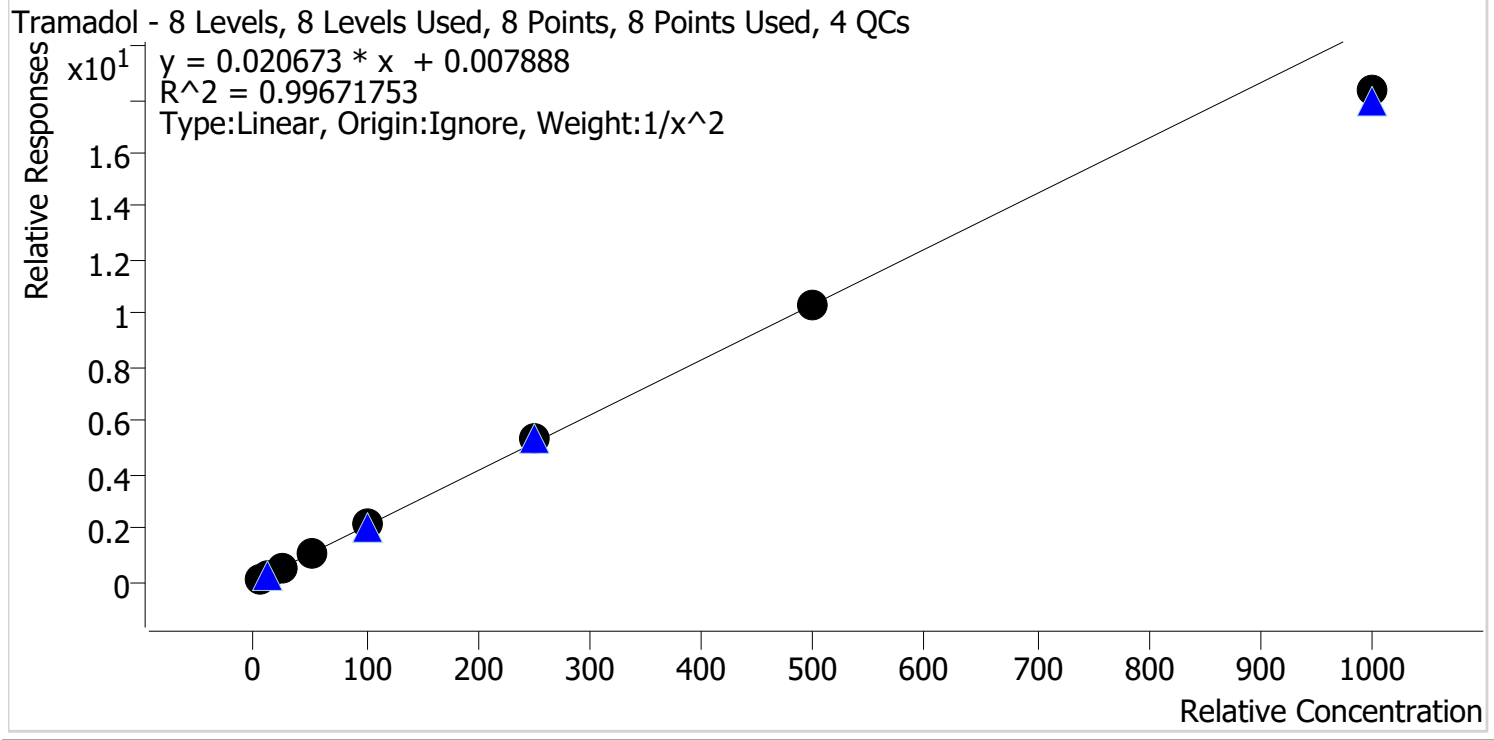
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	259.6	103.8
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	987.4	98.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

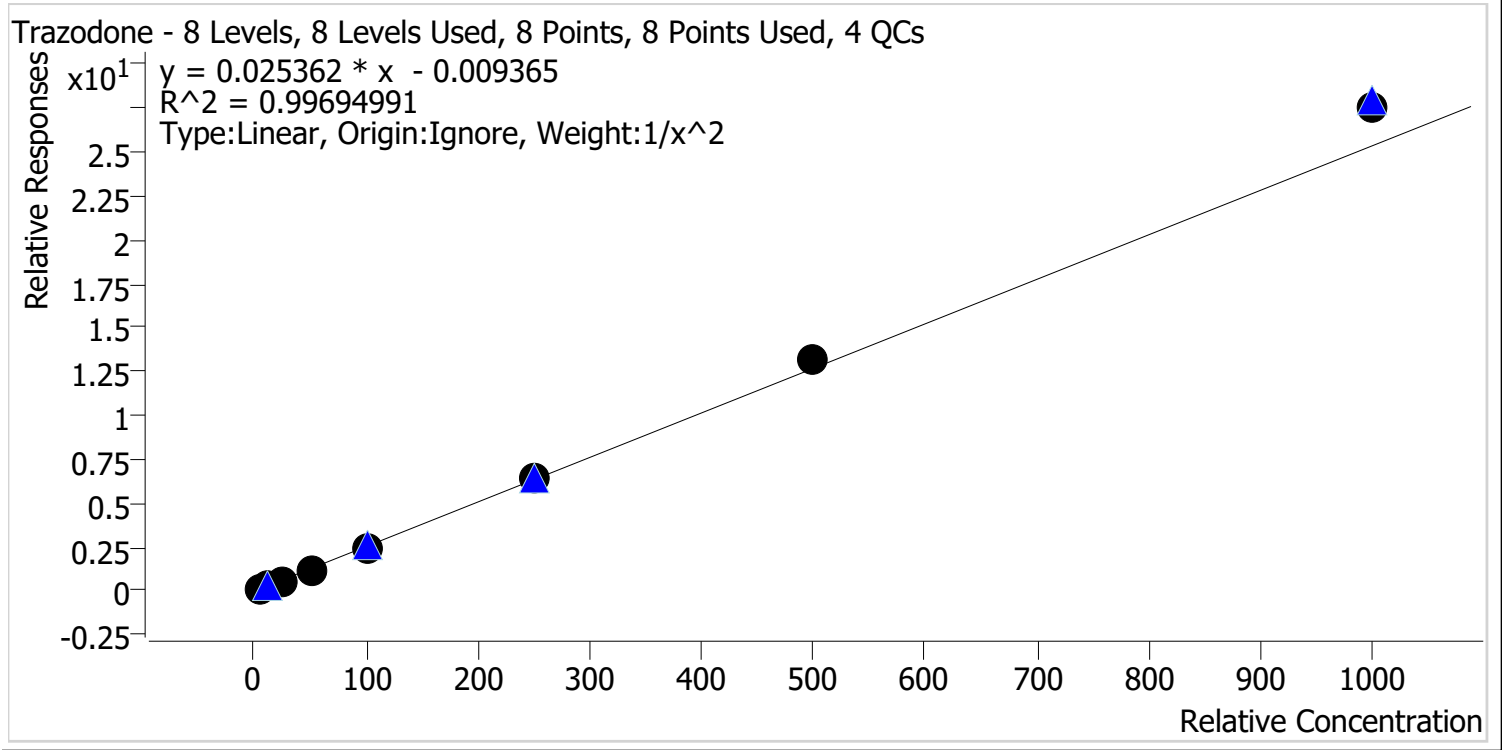


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	261.4	104.5
p1 Cal 7-500ng	7	✓	500.0	498.5	99.7
p1 Cal 8-1000ng	8	✓	1000.0	886.1	88.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

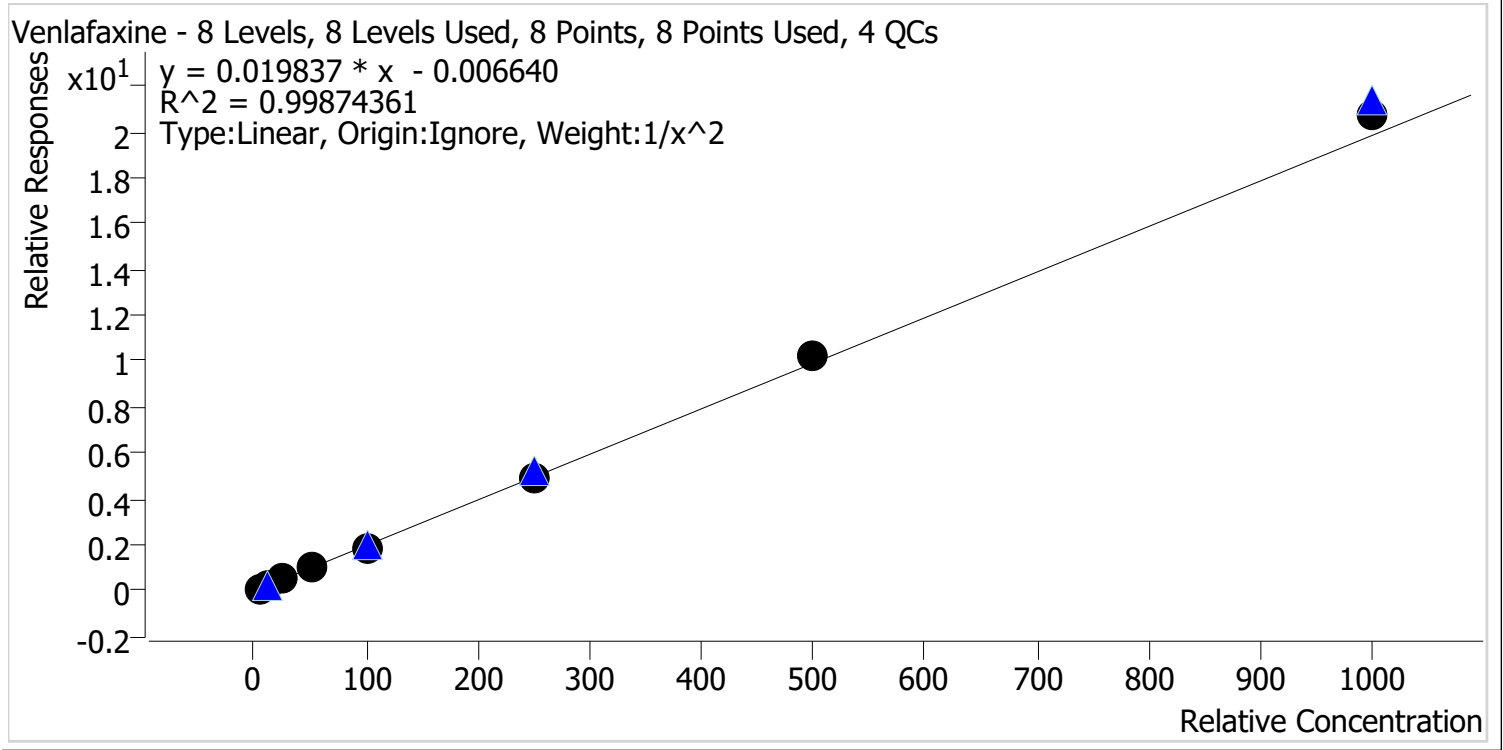


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	519.0	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1089.2	108.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

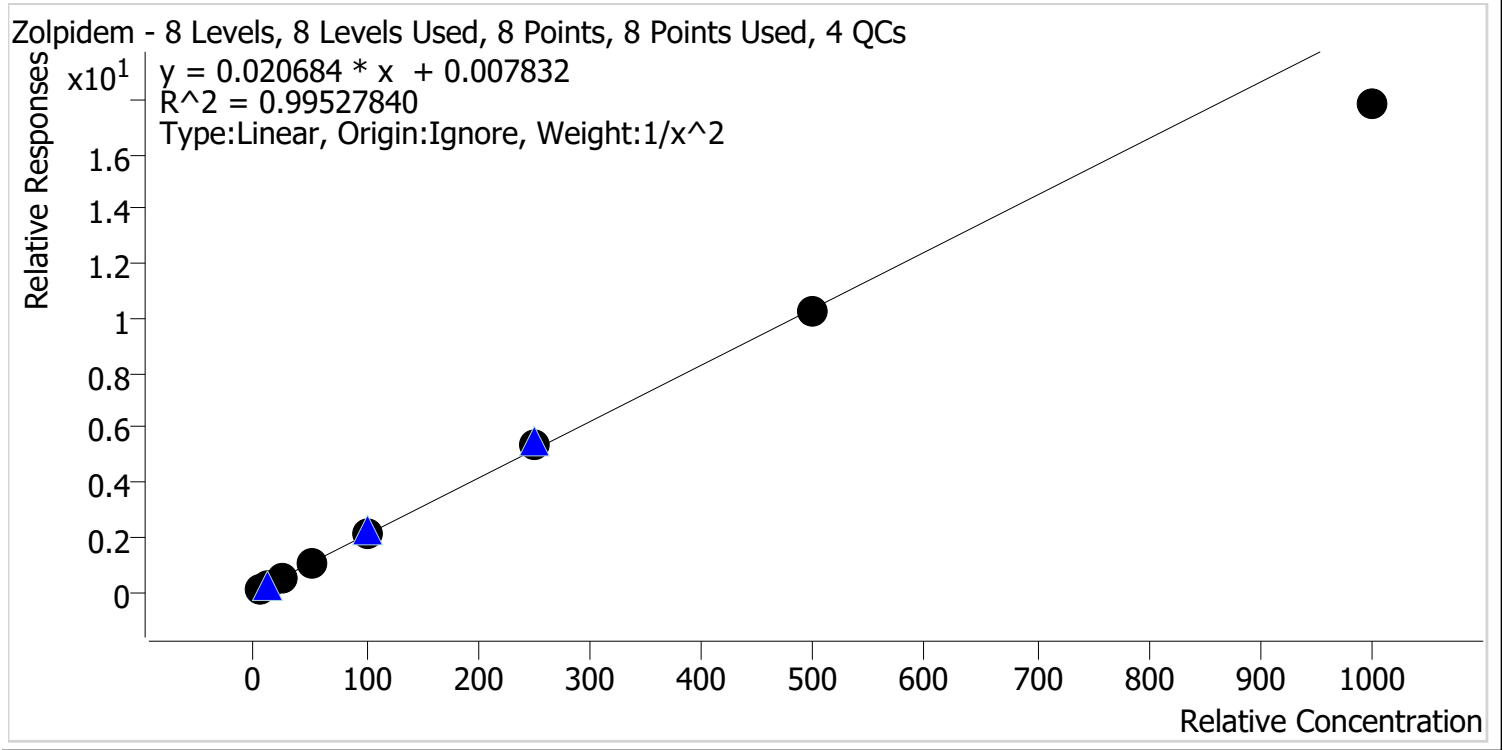


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	518.4	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1046.9	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 4/14/2022 7:11 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	262.4	104.9
p1 Cal 7-500ng	7	✓	500.0	496.6	99.3
p1 Cal 8-1000ng	8	✓	1000.0	863.8	86.4

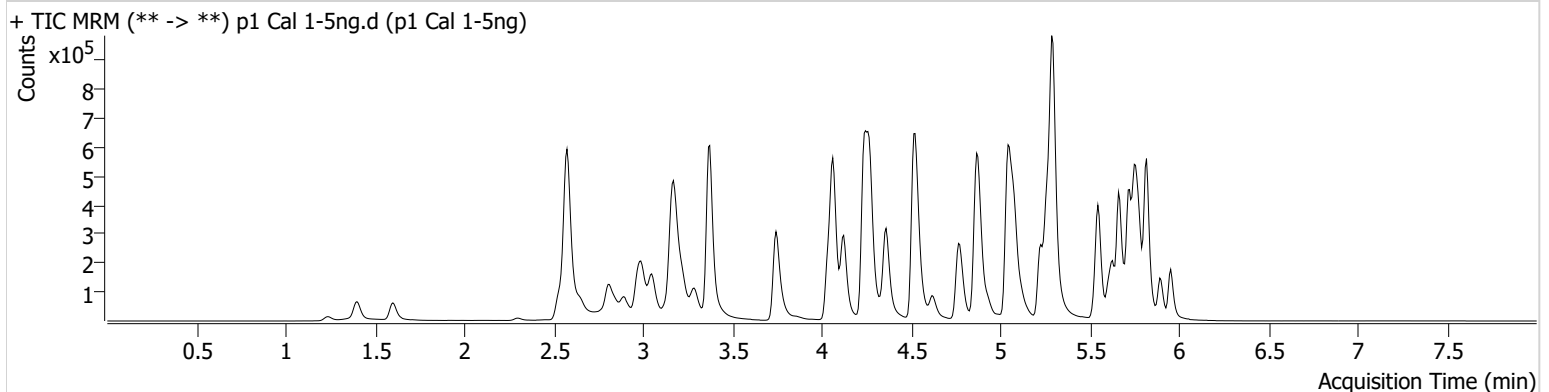
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-H12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 7:51:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	1425	2055.92	79.0	4423.81	76203	0.4863 ng/ml
7-aminoclonazepam	4.263	15193	67.72	75.7	44.04	111885	3.7036 ng/ml
a-hydroxyalprazolam	5.699	14837	314.40	72.6	537.25	357962	4.7800 ng/ml
alpha-PHP	4.929	23898	2147.34	258.4	822.69	667541	5.0408 ng/ml
alpha-PVP	4.368	89265	429.11	50.7	1757.88	667541	5.0937 ng/ml
Alprazolam	5.776	47748	430.45	112.9	1434.98	357962	5.0920 ng/ml
Amphetamine	3.051	173339	1611.39	52.1	289.79	474188	4.8377 ng/ml
Benzoylecgonine	3.884	2081	14.50	7.0	8.83	12577	5.6385 ng/ml
Buprenorphine	5.772	1517	27.20	13.6	59.52	105840	0.4983 ng/ml
Bupropion	4.787	89348	316.20	62.1	239.08	649808	5.0087 ng/ml
Carisoprodol	5.731	61393	167167.37	54.0	243.52	540380	6.0342 ng/ml
Citalopram	5.225	58827	819.97	39.2	3457.78	530822	5.0846 ng/ml
Clonazepam	5.612	55139	164.78	35.0	203.79	152026	4.8234 ng/ml
Clonazepam	5.556	37835	1808.80	36.2	21568.82	152026	4.7689 ng/ml
Cocaine	4.269	61160	265.64	54.0	447.99	976778	5.0359 ng/ml
Codeine	2.587	7887	9764.29	109.2	33602.36	79535	4.7845 ng/ml
Cyclobenzaprine	5.628	34849	63536.71	8.6	82.02	275885	5.2250 ng/ml
Dextromethorphan	5.268	37547	709.76	77.7	124.84	299222	5.0433 ng/ml
Dextrophan	4.123	26374	1588.28	214.5	2458.65	559298	5.0935 ng/ml
Diazepam	5.960	31181	470.32	92.1	691.74	288711	4.9340 ng/ml
Dihydrocodeine	2.559	20406	989.97	59.3	1003.45	232012	4.8816 ng/ml
Diphenhydramine	5.295	167197	14467.77	31.1	564.21	1930474	5.1290 ng/ml
Doxylamine	4.535	186653	4539.07	100.3	5725.65	1655060	5.0009 ng/ml
EDDP	5.261	62202	10489.87	41.5	182.13	630745	5.1079 ng/ml
Etizolam	5.820	19523	46063.26	26.5	681.69	152026	5.1181 ng/ml
Fentanyl	5.095	4183	25.33	82.9	14334.94	427463	0.4962 ng/ml
Flualprazolam	5.706	21784	721.17	97.6	744.80	357962	4.9114 ng/ml
Fluoxetine	5.721	25270	6260.74	9.6	3563.41	198790	5.0725 ng/ml
Hydrocodone	3.027	34653	265.08	32.2	24.48	348985	4.7453 ng/ml
Hydromorphone	1.608	27554	432.98	73.7	173751.50	158054	5.0656 ng/ml
Ketamine	4.049	63583	121609.57	37.3	114.35	563422	4.9332 ng/ml
Lamotrigine	4.278	5838	181.64	81.9	1084.63	563422	4.6608 ng/ml
Levetiracetam	2.651	28807	535.34	145.7	739.82	1640683	5.0112 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	47172	1325.20	49.7	93.13	152026	4.5171 ng/ml
MDA	3.199	106975	499.29	29.7	155.92	631250	4.7576 ng/ml
MDMA	3.292	62150	109067.65	91.7	1358.30	140220	5.1139 ng/ml
Meprobamate	4.903	39252	13323.76	26.0	491.77	352878	4.7373 ng/ml
Methadone	5.666	87701	215.87	53.1	1942.96	748428	5.5257 ng/ml
Methamphetamine	3.227	150988	269.17	38.6	357.30	1016794	4.8759 ng/ml
Metoprolol	4.331	18175	1240.58	91.3	563.41	1375714	4.8988 ng/ml
Mirtazapine	4.623	120042	2414.85	46.7	1041.21	667541	5.1207 ng/ml
Mitragynine	5.229	15675	217.94	37.5	515.01	748428	4.8968 ng/ml
Morphine	1.247	4095	1984.59	22.2	84.84	14820	4.9814 ng/ml
Norbuprenorphine	4.991	361	324.47	111.2	927.48	18578	0.4981 ng/ml
Nordiazepam	5.900	33979	515.11	57.6	2220.76	223158	4.9692 ng/ml
Norfentanyl	4.090	14573	58.75	33.6	47.05	1199569	0.5170 ng/ml
Norhydrocodone	3.068	5639	61.08	36.5	66.07	100785	5.3180 ng/ml
Noroxycodone	2.912	33175	477.03	48.6	296.25	201804	4.9859 ng/ml
O-desmethyl-tramadol	3.372	142525	10022.45	5.7	274.97	1475795	5.1172 ng/ml
Oxazepam	5.756	61801	211.54	70.5	558.83	642412	4.8796 ng/ml
Oxycodone	2.836	59339	327.57	29.0	113.52	413002	4.8273 ng/ml
Oxymorphone	1.405	28974	185.15	46.7	120.38	181734	5.1191 ng/ml
Phentermine	3.780	41636	389.19	5.4	18.99	884392	4.8280 ng/ml
Promethazine	5.545	65291	1779.36	29.1	132.46	581695	5.1167 ng/ml
Pseudoephedrine	2.583	156014	717.65	17.6	3223.58	1640683	5.0928 ng/ml
Quetiapine	5.548	69681	756.61	60.2	124360.28	213109	4.7394 ng/ml
Sertraline	5.790	7833	212.63	96.8	433.11	65003	5.4718 ng/ml
Temazepam	5.824	100991	226.82	26.8	136.94	963714	4.6405 ng/ml
Tramadol	4.251	150565	787.43	3.4	83.85	1375714	4.9126 ng/ml
Trazodone	5.114	63860	77082.56	75.8	827.62	528653	5.1321 ng/ml
Venlafaxine	5.043	118060	663.63	34.4	1152.01	1255424	5.0754 ng/ml
Zolpidem	4.886	130426	4827.27	30.7	15131.01	1184482	4.9449 ng/ml

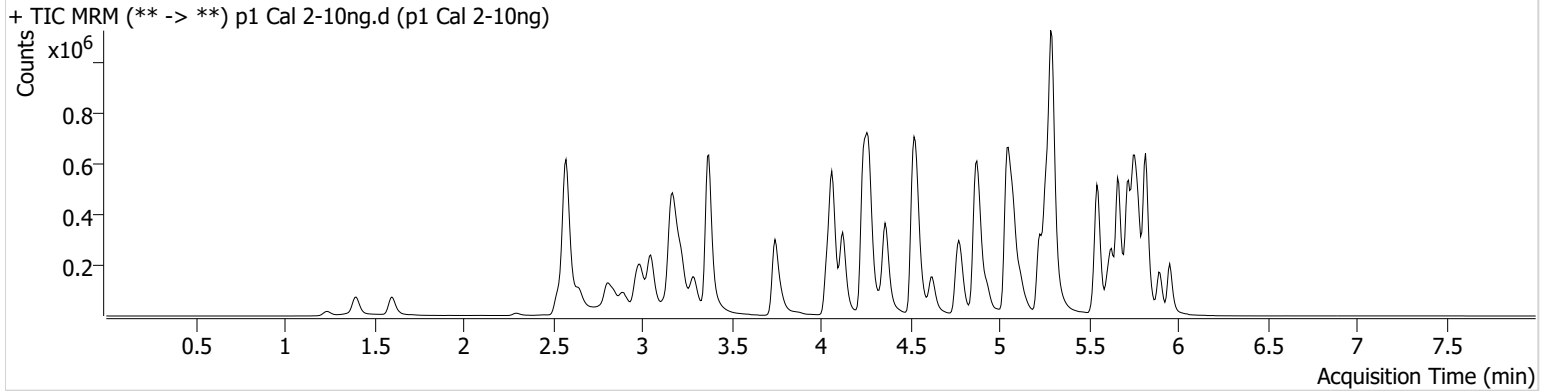


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-G12 **Comment**
Injection Volume 2
Acq. Date-Time 4/7/2022 8:01:53 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	2995	1066.67	63.9	5589.34	74100	1.0561 ng/ml
7-aminoclonazepam	4.263	28429	3857.85	76.4	794.77	104010	9.5731 ng/ml
a-hydroxyalprazolam	5.699	28927	208.88	68.7	353.93	354874	10.4387 ng/ml
alpha-PHP	4.936	46462	171.27	260.1	8621.34	668430	9.8545 ng/ml
alpha-PVP	4.368	173925	1348.90	51.7	420.91	668430	9.7999 ng/ml
Alprazolam	5.776	94028	1032.01	110.5	348.70	354874	9.7816 ng/ml
Amphetamine	3.051	333402	246.26	50.3	1273.35	456764	10.2668 ng/ml
Benzoylcegonine	3.884	4011	109.69	8.2	552.94	12396	10.4652 ng/ml
Buprenorphine	5.772	3154	4432.18	17.2	1262.85	117096	0.9674 ng/ml
Bupropion	4.787	173553	580.13	64.7	9576.23	640806	9.9478 ng/ml
Carisoprodol	5.731	118371	110070.65	53.2	273.47	533562	10.3162 ng/ml
Citalopram	5.225	123845	418.30	38.0	9101.58	561615	9.8024 ng/ml
Clonazepam	5.612	109254	52273.80	34.9	69327.82	148373	10.4254 ng/ml
Clonazepam	5.556	75366	68873.73	35.1	37709.24	148373	10.5440 ng/ml
Cocaine	4.269	116426	242.32	54.7	260.53	957251	9.9488 ng/ml
Codeine	2.580	14770	67.42	112.3	38488.80	76086	10.1745 ng/ml
Cyclobenzaprine	5.635	75128	28135.51	8.0	420.19	310775	9.5132 ng/ml
Dextromethorphan	5.268	75129	6047.87	80.7	477.72	310909	9.9139 ng/ml
Dextrophan	4.123	51674	297.57	217.9	641.78	563491	9.7872 ng/ml
Diazepam	5.960	62538	236.72	92.7	1912.87	287531	10.1338 ng/ml
Dihydrocodeine	2.559	38381	122519.80	61.8	3117.77	221554	10.2131 ng/ml
Diphenhydramine	5.295	335093	10143.57	31.8	89899.92	1993730	9.6927 ng/ml
Doxylamine	4.535	364282	11989.60	100.3	1111.20	1629977	9.9186 ng/ml
EDDP	5.261	128994	12165.49	42.0	198.32	681830	9.7212 ng/ml
Etizolam	5.820	38695	122120.31	25.6	2228.39	148373	9.8077 ng/ml
Fentanyl	5.095	8891	494.80	72.8	10314.91	444380	1.0226 ng/ml
Flualprazolam	5.706	42335	4512.34	94.4	1120.34	354874	10.0415 ng/ml
Fluoxetine	5.721	55459	4514.69	9.0	10223.59	213709	9.9140 ng/ml
Hydrocodone	3.021	67311	529.49	30.7	42.03	333792	10.7290 ng/ml
Hydromorphone	1.608	51578	181.98	72.5	171119.18	156047	9.6631 ng/ml
Ketamine	4.049	120423	11491.93	37.6	397.40	541823	10.1238 ng/ml
Lamotrigine	4.278	11221	162.85	84.7	1378.63	541823	10.6869 ng/ml
Levetiracetam	2.651	59491	661.72	138.8	421.81	1556938	9.8430 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	89288	1663.20	50.3	208.77	148373	10.3853 ng/ml
MDA	3.199	202342	2303.61	30.9	288.40	626191	10.2828 ng/ml
MDMA	3.292	117729	1959.92	94.1	578.66	141646	9.6428 ng/ml
Meprobamate	4.903	75207	5447.29	25.7	3183.94	337761	10.4501 ng/ml
Methadone	5.666	188558	7907.14	52.2	5679.88	810111	10.0005 ng/ml
Methamphetamine	3.227	277296	359.44	38.8	989.87	975739	10.2758 ng/ml
Metoprolol	4.331	34286	3293.12	93.0	756.73	1341348	10.2295 ng/ml
Mirtazapine	4.623	241430	3236.67	47.0	375.65	668430	9.7579 ng/ml
Mitragynine	5.229	36135	32305.31	35.2	1908.15	810111	10.2135 ng/ml
Morphine	1.247	8204	440.75	18.7	63.18	14271	10.1404 ng/ml
Norbuprenorphine	4.998	597	1932.28	94.1	65.15	19235	1.0116 ng/ml
Nordiazepam	5.900	66409	65257.94	59.0	358.22	223521	9.9765 ng/ml
Norfentanyl	4.090	27160	125.02	36.5	74.41	1169100	0.9576 ng/ml
Norhydrocodone	3.068	10539	71.64	41.3	48.09	96698	9.2416 ng/ml
Noroxycodone	2.912	62307	253.43	47.4	12.86	196153	10.0436 ng/ml
O-desmethyl-tramadol	3.372	267680	1030.28	5.7	483.98	1438591	9.6930 ng/ml
Oxazepam	5.756	121781	305.46	73.9	2638.92	642772	10.1036 ng/ml
Oxycodone	2.836	112738	223.71	29.8	1583.80	402264	10.2737 ng/ml
Oxymorphone	1.398	52538	493.77	47.4	104.21	182775	9.5441 ng/ml
Phentermine	3.780	78744	568.15	5.7	88.50	865917	10.1804 ng/ml
Promethazine	5.545	139521	1597.28	29.8	220.48	624597	9.7481 ng/ml
Pseudoephedrine	2.583	305897	6119.24	17.0	2953.43	1556938	9.9211 ng/ml
Quetiapine	5.548	143522	36927.65	60.2	8628.31	217005	10.5246 ng/ml
Sertraline	5.790	16156	261.95	95.8	170.56	69081	10.0517 ng/ml
Temazepam	5.824	206031	21880.49	27.3	272.14	982521	9.7643 ng/ml
Tramadol	4.251	292807	9248.62	3.4	224.97	1341348	10.1779 ng/ml
Trazodone	5.114	132656	115170.39	75.6	128105.77	558295	9.7379 ng/ml
Venlafaxine	5.043	235674	1497.96	34.6	200.99	1246074	9.8692 ng/ml
Zolpidem	4.886	255700	3562.01	30.3	38461.32	1190208	10.0079 ng/ml

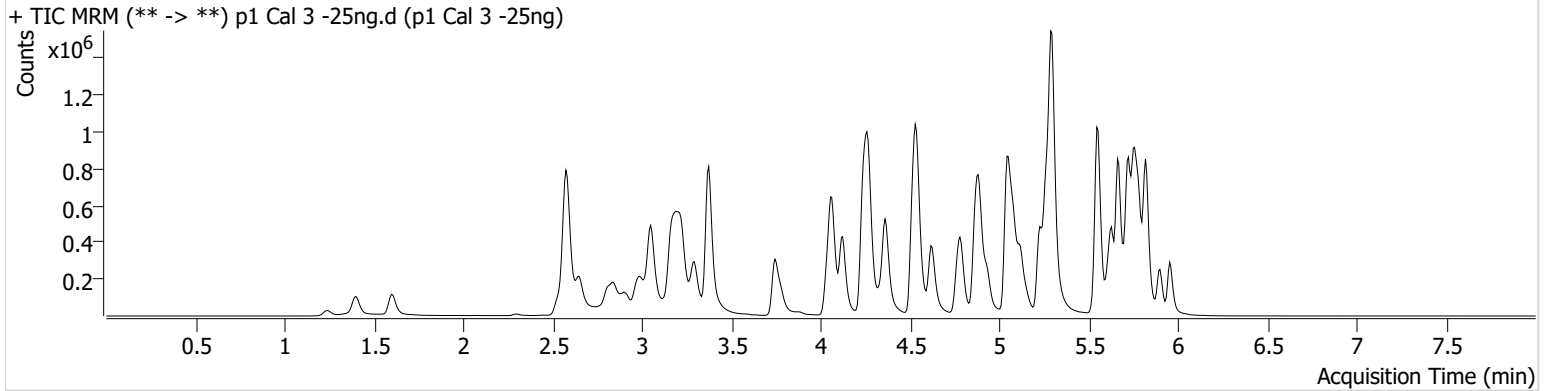
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-F12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 8:12:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	7059	6283.76	71.2	1641.18	73676	2.5097 ng/ml
7-aminoclonazepam	4.263	89886	1191.67	77.0	636.46	127506	27.9923 ng/ml
a-hydroxyalprazolam	5.699	69968	273.75	66.6	347.93	347908	27.3298 ng/ml
alpha-PHP	4.936	117956	1251.54	258.0	3905.76	680752	24.6721 ng/ml
alpha-PVP	4.368	440844	18169.01	51.5	1018.20	680752	24.2144 ng/ml
Alprazolam	5.776	231619	1510.68	111.1	1759.62	347908	24.0671 ng/ml
Amphetamine	3.051	862273	507.47	48.7	386.11	464317	27.0611 ng/ml
Benzoylcegonine	3.884	12053	30310.89	8.2	200.30	15747	23.9523 ng/ml
Buprenorphine	5.772	9355	427.33	15.2	2376.48	129148	2.6608 ng/ml
Bupropion	4.787	434993	1165.03	63.2	493.46	642027	25.0127 ng/ml
Carisoprodol	5.731	282033	79832.04	54.3	339.99	506912	23.5502 ng/ml
Citalopram	5.225	327435	658.14	38.5	15318.43	584504	24.4114 ng/ml
Clonazepam	5.612	259296	541.07	35.9	1073.13	146792	25.8682 ng/ml
Clonazepam	5.556	181221	404599.98	36.5	117081.97	146792	26.7405 ng/ml
Cocaine	4.262	285443	951.17	55.2	401939.00	966555	24.4094 ng/ml
Codeine	2.587	38410	4917.31	102.2	60640.40	76881	27.5136 ng/ml
Cyclobenzaprine	5.635	266788	310.01	7.7	44702.77	433743	23.3827 ng/ml
Dextromethorphan	5.268	207324	44779.66	80.0	4283.64	349469	24.6568 ng/ml
Dextrophan	4.123	130019	19003.04	213.6	23411.58	569087	24.1968 ng/ml
Diazepam	5.960	153349	∞	93.6	11178.32	284975	25.3585 ng/ml
Dihydrocodeine	2.559	96906	156.31	62.3	4895.84	228679	25.8751 ng/ml
Diphenhydramine	5.295	902682	827.01	31.8	20195.70	2136884	23.9417 ng/ml
Doxylamine	4.535	932373	7054.40	101.0	1184.03	1655809	25.0034 ng/ml
EDDP	5.261	320448	598.40	41.2	174636.31	667301	24.5451 ng/ml
Etizolam	5.820	97198	4412.19	26.5	53654.63	146792	24.0255 ng/ml
Fentanyl	5.095	28301	1974.31	76.8	90226.30	594844	2.4421 ng/ml
Flualprazolam	5.706	104658	7062.47	97.2	4414.54	347908	25.9764 ng/ml
Fluoxetine	5.721	242393	20808.54	8.4	44941.22	364796	24.7232 ng/ml
Hydrocodone	3.021	160943	969.17	33.0	65.22	345140	26.2006 ng/ml
Hydromorphone	1.608	136831	966823.35	72.4	3026.13	160803	24.9802 ng/ml
Ketamine	4.049	298092	1236.85	38.0	2488.93	546109	25.4763 ng/ml
Lamotrigine	4.278	27594	106.67	82.9	407.63	546109	28.0546 ng/ml
Levetiracetam	2.651	169818	1985.25	140.1	946.67	1542422	26.6621 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	203302	4779.39	52.3	598.04	146792	26.1519 ng/ml
MDA	3.199	499874	4771.06	30.2	501.72	622019	27.5597 ng/ml
MDMA	3.292	298125	5010.91	93.7	4717.42	140619	24.6911 ng/ml
Meprobamate	4.903	185532	6412.33	23.6	65.53	337366	27.2292 ng/ml
Methadone	5.666	533882	20428.04	52.2	10722.03	889936	24.2161 ng/ml
Methamphetamine	3.227	681150	15286.46	39.4	4933.11	1012774	25.7304 ng/ml
Metoprolol	4.331	84179	132526.40	97.4	1837.43	1368693	25.7450 ng/ml
Mirtazapine	4.616	639061	27709.99	46.8	2300.46	680752	24.5256 ng/ml
Mitragynine	5.229	103805	143119.77	34.8	715.80	889936	26.4000 ng/ml
Morphine	1.247	21816	4691.97	20.1	6225.49	16335	23.2875 ng/ml
Norbuprenorphine	4.998	1290	2441.38	92.5	3553.13	20035	2.4891 ng/ml
Nordiazepam	5.900	164818	549.43	59.6	4148.34	221918	25.3809 ng/ml
Norfentanyl	4.084	69785	89.73	36.0	137.47	1165334	2.4149 ng/ml
Norhydrocodone	3.068	26866	181.12	37.0	46.21	90814	23.0653 ng/ml
Noroxycodone	2.912	151552	900.98	47.4	377.55	196339	25.0341 ng/ml
O-desmethyl-tramadol	3.372	682957	21396.43	5.6	336.94	1447245	24.3070 ng/ml
Oxazepam	5.756	291820	4733.18	71.2	1507.36	605739	26.4766 ng/ml
Oxycodone	2.836	280645	3174.89	29.6	761.93	411977	26.2624 ng/ml
Oxymorphone	1.398	130117	234.84	45.8	∞	178274	24.8373 ng/ml
Phentermine	3.780	201093	974.98	5.6	203.56	877682	27.0442 ng/ml
Promethazine	5.545	507191	809.57	30.4	7768.39	890314	24.1800 ng/ml
Pseudoephedrine	2.583	750106	1387.15	17.0	145.26	1542422	23.7248 ng/ml
Quetiapine	5.548	385044	9695.79	59.4	400101.78	239726	26.8700 ng/ml
Sertraline	5.790	78524	6846.14	94.0	265.19	133294	24.4020 ng/ml
Temazepam	5.824	497717	8119.84	26.8	204.47	932938	25.5797 ng/ml
Tramadol	4.251	734849	263.91	3.2	84.19	1368693	25.5897 ng/ml
Trazodone	5.114	388076	2267.88	77.1	29519.84	648173	23.9761 ng/ml
Venlafaxine	5.043	596010	1431.82	34.2	291.13	1247458	24.4203 ng/ml
Zolpidem	4.886	647710	29909.90	30.4	2660.62	1208572	25.5315 ng/ml

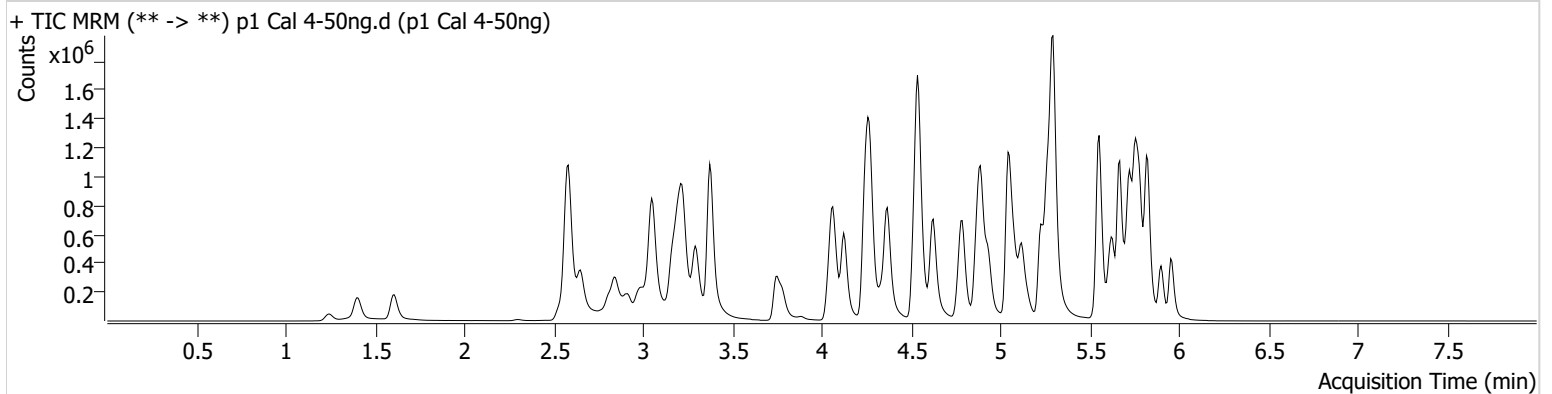
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-E12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 8:23:07 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	13884	345.67	70.3	2466.66	73162	4.9753 ng/ml
7-aminoclonazepam	4.263	142131	2203.05	79.2	1645.85	103639	56.4323 ng/ml
a-hydroxyalprazolam	5.699	129138	989.63	69.0	1472.54	338226	52.8501 ng/ml
alpha-PHP	4.936	237777	2184.89	259.2	13197.61	678755	49.9538 ng/ml
alpha-PVP	4.368	893977	21185.44	51.9	819.11	678755	49.1264 ng/ml
Alprazolam	5.776	464482	963.98	109.8	832.56	338226	49.2863 ng/ml
Amphetamine	3.051	1629117	1459.01	49.2	619.45	458270	52.3585 ng/ml
Benzoylecgonine	3.884	21157	184.08	7.9	2474.79	13728	47.6321 ng/ml
Buprenorphine	5.772	16569	1151.39	16.4	270.59	115068	5.3237 ng/ml
Bupropion	4.787	897368	1884.79	63.6	3514.41	662513	50.0888 ng/ml
Carisoprodol	5.731	540463	383607.12	54.7	3144.70	478957	46.1804 ng/ml
Citalopram	5.225	620993	381.65	38.9	34608.53	550565	48.8285 ng/ml
Clonazepam	5.612	502510	669.73	35.2	250.74	139876	53.2457 ng/ml
Clonazepam	5.556	346787	102391.18	35.5	171900.62	139876	54.4861 ng/ml
Cocaine	4.269	574654	19305.71	55.2	∞	951298	50.1142 ng/ml
Codeine	2.587	75050	905.38	102.6	50720.12	74793	56.1115 ng/ml
Cyclobenzaprine	5.635	352335	16990.47	7.7	553.42	283668	46.6753 ng/ml
Dextromethorphan	5.275	365035	11657.10	79.0	690.78	309282	49.2701 ng/ml
Dextrophan	4.123	267600	1364.12	209.0	477.11	575713	49.0983 ng/ml
Diazepam	5.960	310982	3415.80	91.8	35622.15	287775	51.1212 ng/ml
Dihydrocodeine	2.559	189533	171.53	60.4	355.86	221659	52.8383 ng/ml
Diphenhydramine	5.295	1712545	861.75	31.5	4043.99	1972214	48.9215 ng/ml
Doxylamine	4.535	1882426	4240.80	99.5	4287.19	1641574	50.9275 ng/ml
EDDP	5.261	641815	394.18	41.5	6834.23	675453	48.4844 ng/ml
Etizolam	5.820	184897	6314.65	26.6	218775.30	139876	47.3960 ng/ml
Fentanyl	5.095	42869	2122.41	73.4	76484.12	434488	5.0726 ng/ml
Flualprazolam	5.706	205149	4673.72	100.1	1551.49	338226	52.8138 ng/ml
Fluoxetine	5.721	224149	347.00	9.0	31759.48	176766	46.7967 ng/ml
Hydrocodone	3.021	314729	177.60	33.3	128.74	346219	52.0822 ng/ml
Hydromorphone	1.608	268013	1798438.88	74.2	35.19	153469	51.3363 ng/ml
Ketamine	4.056	601357	22731.10	38.4	618.31	554234	51.0570 ng/ml
Lamotrigine	4.278	53821	3983.06	82.8	18299.45	554234	55.1829 ng/ml
Levetiracetam	2.651	304104	703.01	140.1	1051.33	1532232	47.3380 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	375071	5961.69	49.9	1307.09	139876	52.2522 ng/ml
MDA	3.199	948059	1055.21	30.0	724.01	596826	55.7805 ng/ml
MDMA	3.292	582767	4471.20	95.4	1437.11	139230	48.8066 ng/ml
Meprobamate	4.903	347657	16376.28	25.7	315.77	316120	55.4178 ng/ml
Methadone	5.666	975124	14252.21	51.3	535.45	808210	47.7032 ng/ml
Methamphetamine	3.227	1332858	1867.05	39.0	6397.92	994493	52.2998 ng/ml
Metoprolol	4.331	166382	248647.15	95.7	1706.62	1386390	51.0010 ng/ml
Mirtazapine	4.623	1204952	3840.54	46.9	11837.71	678755	45.9133 ng/ml
Mitragynine	5.229	173443	1036.22	35.6	103862.43	808210	48.4108 ng/ml
Morphine	1.247	42941	253.66	20.1	1483.41	14033	53.0873 ng/ml
Norbuprenorphine	4.998	2445	42.00	96.8	10652.82	19812	5.1059 ng/ml
Nordiazepam	5.900	328645	16449.28	58.1	666.99	219166	51.5447 ng/ml
Norfentanyl	4.090	137143	19054.18	36.2	365.59	1161387	4.7289 ng/ml
Norhydrocodone	3.068	48392	150.18	41.0	105.37	80363	45.7289 ng/ml
Noroxycodone	2.918	287466	283.03	48.4	2456.17	185717	50.6422 ng/ml
O-desmethyl-tramadol	3.379	1354093	∞	5.6	14050.10	1420453	48.9191 ng/ml
Oxazepam	5.756	536308	5942.25	74.0	1907.50	570130	52.1828 ng/ml
Oxycodone	2.836	562335	745.89	29.4	15316.63	409086	53.9125 ng/ml
Oxymorphone	1.405	262584	473.08	48.4	∞	181959	49.4910 ng/ml
Phentermine	3.780	392323	∞	5.7	577.95	868647	54.2018 ng/ml
Promethazine	5.545	677643	819.15	29.7	1154.90	591253	48.2026 ng/ml
Pseudoephedrine	2.583	1535864	640.62	16.8	38448.25	1532232	48.3015 ng/ml
Quetiapine	5.548	707409	556.29	60.0	14372.13	217313	55.3993 ng/ml
Sertraline	5.790	69790	282.57	92.5	4895.30	58211	49.0368 ng/ml
Temazepam	5.824	958731	22294.00	27.2	713.42	917896	50.5385 ng/ml
Tramadol	4.251	1477658	∞	3.2	996.11	1386390	51.1757 ng/ml
Trazodone	5.114	643629	25263.87	76.9	1294.15	529466	48.2995 ng/ml
Venlafaxine	5.043	1207405	1874.65	33.9	13519.50	1259133	48.6752 ng/ml
Zolpidem	4.886	1295648	14668.22	29.9	10173.24	1195611	52.0126 ng/ml

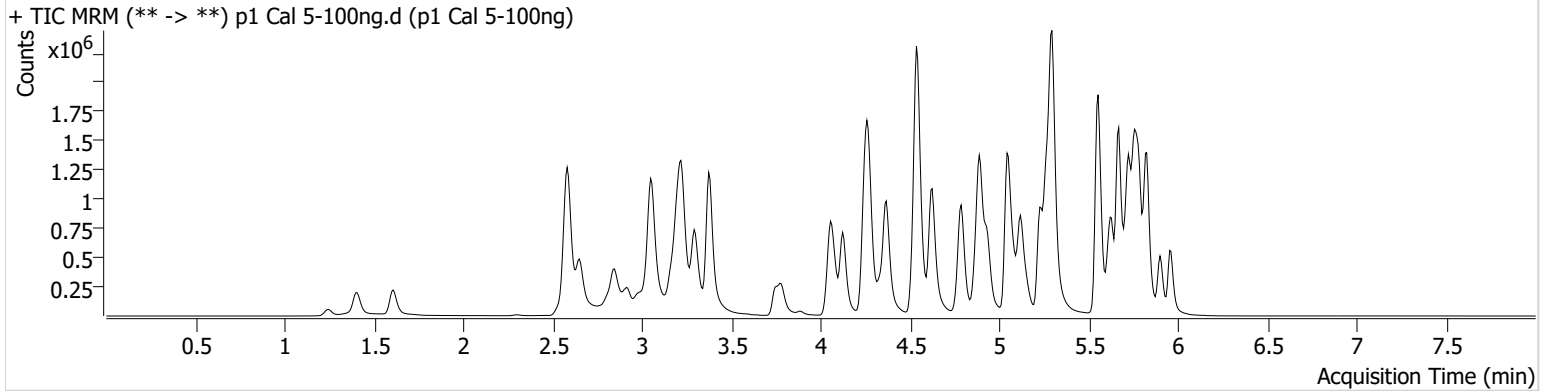
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-D12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 8:33:43 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	18669	34247.99	69.1	31595.31	49545	9.8832 ng/ml
7-aminoclonazepam	4.263	191860	2420.96	82.6	3138.37	75327	106.6008 ng/ml
a-hydroxyalprazolam	5.699	189940	3697.58	68.4	1128.53	259268	102.3930 ng/ml
alpha-PHP	4.936	366303	7889.44	259.5	2933.01	504883	103.5339 ng/ml
alpha-PVP	4.368	1325498	23741.15	52.1	11520.88	504883	97.8070 ng/ml
Alprazolam	5.776	730493	2811.72	106.8	1214.92	259268	100.7638 ng/ml
Amphetamine	3.051	2397105	2381.46	48.3	661.41	350532	101.2825 ng/ml
Benzoylecgonine	3.884	32740	177.21	7.8	1433.88	10186	98.7031 ng/ml
Buprenorphine	5.772	28768	8485.98	15.1	2901.34	104181	10.2416 ng/ml
Bupropion	4.787	1374631	2537.53	63.9	9271.84	505267	100.6926 ng/ml
Carisoprodol	5.731	782811	194210.58	55.7	329.04	348521	90.3965 ng/ml
Citalopram	5.225	1029875	529.32	38.4	553.49	446601	99.4973 ng/ml
Clonazepam	5.612	773903	870.25	34.6	348565.05	109411	105.4304 ng/ml
Clonazepam	5.556	486077	3787.80	36.7	230700.88	109411	98.2526 ng/ml
Cocaine	4.269	834409	29991.08	54.5	11786.27	697395	99.4327 ng/ml
Codeine	2.587	105809	5208.59	107.5	782.38	54917	108.5181 ng/ml
Cyclobenzaprine	5.635	686633	43210.05	7.7	770.20	271581	94.4581 ng/ml
Dextromethorphan	5.275	603195	15803.14	80.4	13582.86	253731	99.4615 ng/ml
Dextrophan	4.123	403685	1250.86	211.3	2078.01	426263	99.9048 ng/ml
Diazepam	5.960	493205	858.02	90.7	∞	226433	103.2380 ng/ml
Dihydrocodeine	2.559	280901	73413.91	61.4	241.61	167955	103.9394 ng/ml
Diphenhydramine	5.295	2761036	440187.56	32.1	612.42	1579284	98.2163 ng/ml
Doxylamine	4.535	2863721	63761.44	99.4	2877.12	1245063	102.1577 ng/ml
EDDP	5.261	902610	908.77	41.9	487.14	474942	96.8873 ng/ml
Etizolam	5.820	288782	10870.50	26.8	144558.71	109411	94.0701 ng/ml
Fentanyl	5.095	75891	180.53	76.1	265431.07	394863	9.8884 ng/ml
Flualprazolam	5.706	310419	4991.81	99.8	19710.75	259268	104.6717 ng/ml
Fluoxetine	5.721	462256	863.27	9.0	2003.87	179045	94.8400 ng/ml
Hydrocodone	3.021	444464	1340.70	34.8	602.26	248960	103.3060 ng/ml
Hydromorphone	1.608	366162	2665.44	74.3	1869910.46	103877	103.6866 ng/ml
Ketamine	4.049	904352	1187.93	38.6	930.34	413151	103.4300 ng/ml
Lamotrigine	4.278	74852	60.28	91.3	3590.37	413151	104.1434 ng/ml
Levetiracetam	2.651	449665	361.92	141.4	346.81	1131885	93.8496 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	534913	23418.42	50.8	4169.31	109411	96.6935 ng/ml
MDA	3.199	1384561	14126.44	29.8	512.64	453787	108.3707 ng/ml
MDMA	3.292	883989	2484.29	93.8	1742.40	104493	98.7067 ng/ml
Meprobamate	4.903	494935	18587.39	25.3	288.22	236165	106.4790 ng/ml
Methadone	5.666	1707003	983.28	52.9	43544.41	697420	95.7554 ng/ml
Methamphetamine	3.227	2010217	24926.35	38.8	8390.02	760831	104.1071 ng/ml
Metoprolol	4.331	248960	7471.28	94.5	4320.81	1032871	103.2446 ng/ml
Mirtazapine	4.623	1900814	4325.72	46.1	2472.08	504883	96.7852 ng/ml
Mitragynine	5.229	323584	375117.09	35.4	186712.89	697420	104.4435 ng/ml
Morphine	1.247	55779	229.39	18.2	47.82	8826	109.4245 ng/ml
Norbuprenorphine	4.998	3541	4792.69	102.5	9242.21	16399	9.2038 ng/ml
Nordiazepam	5.900	517093	1976.24	59.6	25068.94	173597	102.6803 ng/ml
Norfentanyl	4.090	206692	897.51	36.8	1783.83	861724	9.5704 ng/ml
Norhydrocodone	3.075	71862	248.74	39.2	99.22	57706	93.3118 ng/ml
Noroxycodone	2.918	415612	1109.22	50.0	1025.85	138239	98.7780 ng/ml
O-desmethyl-tramadol	3.379	2019910	1990.59	5.6	1042.31	1061177	97.5000 ng/ml
Oxazepam	5.756	809701	15383.28	71.9	5934.98	416725	108.3287 ng/ml
Oxycodone	2.836	828566	1841.95	29.2	470.53	302864	108.1908 ng/ml
Oxymorphone	1.405	386414	673.64	45.9	953.16	131188	101.4239 ng/ml
Phentermine	3.780	584718	4045.45	5.6	143.66	664670	106.4426 ng/ml
Promethazine	5.545	1250469	99450.44	30.1	789.29	539079	97.1086 ng/ml
Pseudoephedrine	2.590	2278050	27558.82	17.3	34831.87	1131885	96.4138 ng/ml
Quetiapine	5.548	1117312	∞	60.8	87507.26	179192	106.9543 ng/ml
Sertraline	5.790	148470	1683.06	93.4	308.09	62775	96.1482 ng/ml
Temazepam	5.824	1457849	11464.55	26.7	747.89	682544	103.8470 ng/ml
Tramadol	4.251	2194711	62188.87	3.2	1143.08	1032871	102.4041 ng/ml
Trazodone	5.114	1105948	66953.79	78.6	171089.34	460847	94.9907 ng/ml
Venlafaxine	5.043	1851159	51799.97	34.3	19474.38	973428	96.2017 ng/ml
Zolpidem	4.886	1976830	83583.56	29.6	2409.06	913623	104.2292 ng/ml

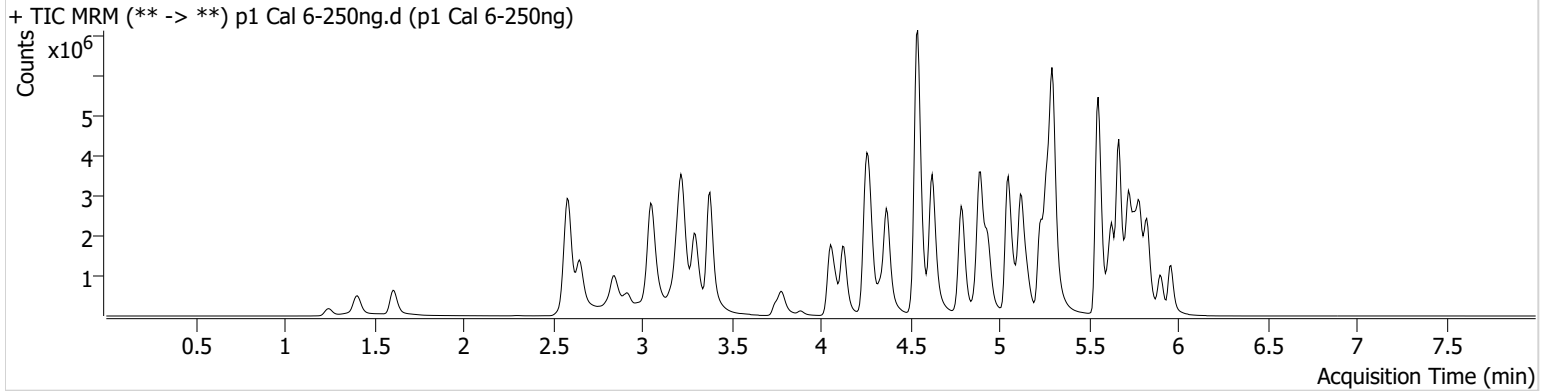
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-C12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 8:44:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	65390	206092.97	71.0	77688.52	69691	24.6175 ng/ml
7-aminoclonazepam	4.263	622723	676.73	79.7	∞	102128	258.1143 ng/ml
a-hydroxyalprazolam	5.699	356977	364.54	68.1	780.25	242886	206.4991 ng/ml
alpha-PHP	4.936	1100880	1779.67	259.9	11761.32	620994	253.0831 ng/ml
alpha-PVP	4.368	4148104	94223.98	51.7	120207.26	620994	248.6716 ng/ml
Alprazolam	5.782	1782010	1419.50	107.3	∞	242886	261.8467 ng/ml
Amphetamine	3.051	6259581	683.94	47.1	25896.31	430904	215.8336 ng/ml
Benzoylcegonine	3.884	116482	10897.79	7.9	123.44	15152	235.2561 ng/ml
Buprenorphine	5.772	83236	1547.81	14.8	27029.87	124864	24.7732 ng/ml
Bupropion	4.787	4336564	2618.60	63.4	84067.96	635750	252.5871 ng/ml
Carisoprodol	5.731	1620983	99561.34	53.8	10937.89	263073	245.3010 ng/ml
Citalopram	5.225	2964001	597106.02	38.0	58066.53	515716	247.5037 ng/ml
Clonazepam	5.612	1634791	65017.39	35.2	32003.87	102885	237.6041 ng/ml
Clonazepam	5.563	984344	6472.07	37.2	5062.48	102885	212.4893 ng/ml
Cocaine	4.269	2448197	30109.58	54.9	3001.99	815277	249.8245 ng/ml
Codeine	2.587	276572	2527.12	105.2	8834.43	63890	244.8657 ng/ml
Cyclobenzaprine	5.635	2816547	872.17	7.2	218.65	406412	257.9925 ng/ml
Dextromethorphan	5.275	1756991	33819.68	78.0	27683.76	296562	248.1958 ng/ml
Dextrophan	4.130	1203780	1552.45	215.6	101741.98	511796	247.9399 ng/ml
Diazepam	5.960	1301622	29306.51	91.2	4682.95	242653	254.5292 ng/ml
Dihydrocodeine	2.559	846391	14223.29	61.1	204.91	218325	241.7409 ng/ml
Diphenhydramine	5.295	8699753	1586.73	31.1	68420.05	1901522	256.5780 ng/ml
Doxylamine	4.542	9534001	6485.83	98.1	18885.73	1602557	264.2503 ng/ml
EDDP	5.267	3176637	168208.72	41.0	679.52	645413	250.7865 ng/ml
Etizolam	5.820	761324	6668.56	26.5	20414.85	102885	262.7062 ng/ml
Fentanyl	5.102	308861	18280.52	74.8	594332.83	635341	25.0230 ng/ml
Flualprazolam	5.706	725060	12899.38	104.2	4976.27	242886	261.6184 ng/ml
Fluoxetine	5.721	2041332	854399.62	8.5	405990.67	295311	253.2142 ng/ml
Hydrocodone	3.021	1320672	454.84	34.5	271.62	307256	250.2126 ng/ml
Hydromorphone	1.608	1188616	4064035.38	76.2	1974.69	143522	243.6973 ng/ml
Ketamine	4.056	2757710	997.10	37.8	1522.05	527944	247.4026 ng/ml
Lamotrigine	4.285	211879	1598.16	85.0	2500.05	527944	232.3654 ng/ml
Levetiracetam	2.651	1379616	743.45	142.2	484.97	1267495	255.5617 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	727228	1349.38	50.7	6564.95	102885	140.5674 ng/ml
MDA	3.199	3350626	1270.82	29.3	4940.81	478023	250.6919 ng/ml
MDMA	3.299	2697722	163992.45	94.2	18235.36	124434	253.0519 ng/ml
Meprobamate	4.910	1114274	154626.24	24.8	9757.46	228177	249.3990 ng/ml
Methadone	5.666	5531766	257698.58	49.2	1769.56	865290	248.5132 ng/ml
Methamphetamine	3.227	6169212	41227.69	38.2	115414.18	1005267	243.1765 ng/ml
Metoprolol	4.338	711669	227771.81	97.0	1701.99	1220691	250.8629 ng/ml
Mirtazapine	4.623	6312500	15809.24	45.1	7347.24	620994	260.4323 ng/ml
Mitragynine	5.229	968810	594822.09	35.9	669326.26	865290	251.7683 ng/ml
Morphine	1.247	197703	8126.20	20.1	243.38	13568	252.0189 ng/ml
Norbuprenorphine	5.005	11878	5955.60	96.9	14567.18	20351	25.4979 ng/ml
Nordiazepam	5.900	1225968	1807.98	59.1	20589.44	167336	252.9814 ng/ml
Norfentanyl	4.090	648555	32928.08	37.1	592.95	1012957	25.4897 ng/ml
Norhydrocodone	3.075	202138	200.53	41.8	718.21	59831	251.1296 ng/ml
Noroxycodone	2.918	1046447	3056.56	48.7	1773.09	140232	245.8230 ng/ml
O-desmethyl-tramadol	3.379	6588959	188126.63	5.6	1857.32	1327816	253.8903 ng/ml
Oxazepam	5.756	1214790	10529.14	73.5	20193.88	277569	244.6427 ng/ml
Oxycodone	2.836	2401418	957.15	29.2	1495.29	379062	251.7216 ng/ml
Oxymorphone	1.405	1161892	∞	45.8	∞	160800	249.3760 ng/ml
Phentermine	3.780	1646156	∞	5.5	640.56	839439	238.4058 ng/ml
Promethazine	5.552	5251859	2028.96	29.5	3187.02	869943	252.0278 ng/ml
Pseudoephedrine	2.590	6657569	42348.02	16.6	78932.84	1267495	250.7132 ng/ml
Quetiapine	5.548	3135365	97774.84	62.3	61435.43	235199	229.7066 ng/ml
Sertraline	5.790	705957	611.51	91.1	32314.96	116839	244.6908 ng/ml
Temazepam	5.824	2960413	21307.85	26.2	884.49	556005	259.5860 ng/ml
Tramadol	4.251	6605111	∞	3.1	650.31	1220691	261.3618 ng/ml
Trazodone	5.121	4143173	2604.83	79.2	2650.00	655927	249.4210 ng/ml
Venlafaxine	5.050	5796259	415046.59	32.8	3152.62	1167981	250.5084 ng/ml
Zolpidem	4.886	6308626	289643.54	28.2	222459.74	1160845	262.3590 ng/ml

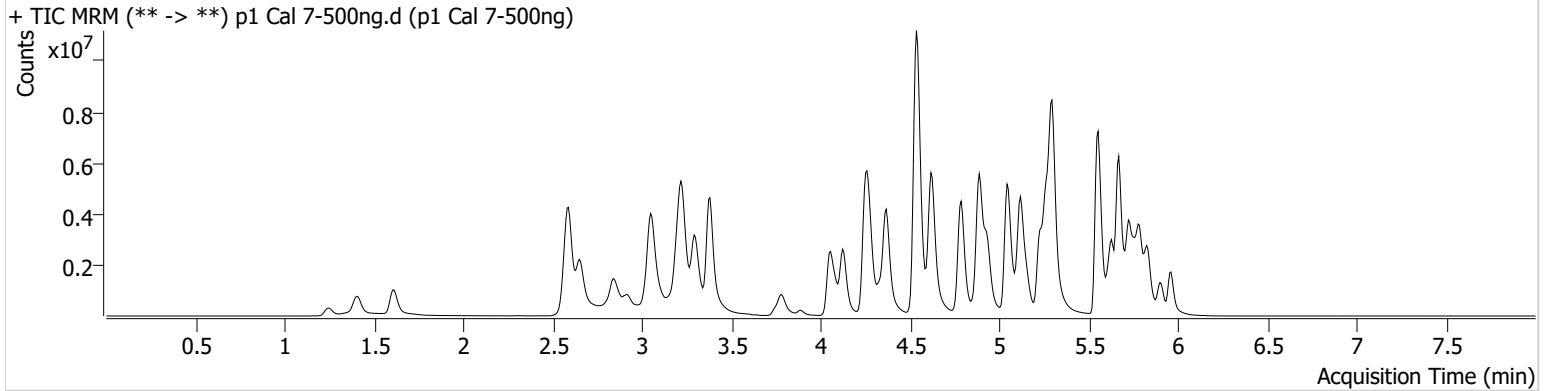
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-B12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 8:54:57 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	115322	402.35	69.7	150823.97	60667	49.8773 ng/ml
7-aminoclonazepam	4.263	744538	577.14	79.9	1967.29	66238	477.5836 ng/ml
a-hydroxyalprazolam	5.692	428999	9638.89	69.3	265.27	184633	327.0813 ng/ml
alpha-PHP	4.936	1754088	2587.13	266.4	11025297.17	506695	494.2816 ng/ml
alpha-PVP	4.368	6972422	842754.75	51.4	5335.56	506695	512.1468 ng/ml
Alprazolam	5.782	2632933	757.80	109.1	1214.71	184633	508.6248 ng/ml
Amphetamine	3.051	9180559	133680.02	47.6	16876.48	376177	363.0167 ng/ml
Benzoylcegonine	3.884	217358	311.38	8.0	194.96	14176	468.6482 ng/ml
Buprenorphine	5.772	130142	13941.26	14.9	34424.06	100556	48.1297 ng/ml
Bupropion	4.787	7558974	361960.13	62.1	149722.94	548127	510.7483 ng/ml
Carisoprodol	5.731	2156417	97490.36	54.4	1809.51	173749	492.5298 ng/ml
Citalopram	5.225	4456024	79902.20	37.9	42240.29	373161	513.8963 ng/ml
Clonazepam	5.612	2193331	69012.19	34.6	144416.77	73924	444.2065 ng/ml
Clonazolam	5.563	1271113	33716.92	37.7	101927.17	73924	382.5144 ng/ml
Cocaine	4.269	3830353	118263.05	54.2	846.43	631538	504.7640 ng/ml
Codeine	2.587	429376	5757.66	99.5	22110.90	53919	451.1567 ng/ml
Cyclobenzaprine	5.635	3846986	64303.77	7.2	464.53	271783	526.3775 ng/ml
Dextromethorphan	5.268	2525937	36554.51	77.9	37012.67	209156	506.1605 ng/ml
Dextrorphan	4.123	1944266	147359.65	218.3	5564.70	403880	507.3264 ng/ml
Diazepam	5.960	1943602	10861.12	91.3	485.08	190198	485.0621 ng/ml
Dihydrocodeine	2.559	1391524	39809.01	61.4	23117.15	192146	452.1229 ng/ml
Diphenhydramine	5.295	13383119	481538.05	31.0	942.70	1429702	524.6694 ng/ml
Doxylamine	4.535	16030743	228091.42	98.1	295653.21	1361752	522.8974 ng/ml
EDDP	5.261	5196347	50398.14	40.9	18175.93	517915	511.1393 ng/ml
Etizolam	5.820	1141470	2366.41	26.5	10812.09	73924	547.5745 ng/ml
Fentanyl	5.095	468597	19880.17	74.5	27818.01	477838	50.4857 ng/ml
Flualprazolam	5.706	1013353	39224.95	107.9	29641.67	184633	481.3641 ng/ml
Fluoxetine	5.721	2205316	37575.88	8.6	40376.37	155315	519.6841 ng/ml
Hydrocodone	3.021	2153097	1040.03	34.9	∞	263019	477.4894 ng/ml
Hydromorphone	1.608	2151938	12121889.48	74.2	13250.13	127722	495.8511 ng/ml
Ketamine	4.049	4662226	128129.28	37.3	13488.32	437246	505.4605 ng/ml
Lamotrigine	4.285	302234	450.85	85.5	483.28	437246	401.2018 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.658	2212314	28346.67	145.0	715.12	1021696	507.5103 ng/ml
Lorazepam	5.747	818121	19348.47	50.6	1232.09	73924	221.0682 ng/ml
MDA	3.199	4705418	5760.91	29.1	4584.16	376682	447.8173 ng/ml
MDMA	3.292	4390704	2220.04	94.8	3232.83	100553	509.7328 ng/ml
Meprobamate	4.903	1446532	14625.72	24.9	38940.56	166574	444.2533 ng/ml
Methadone	5.666	8569790	284866.69	49.6	36783.30	649042	512.2159 ng/ml
Methamphetamine	3.227	10289460	82741.03	37.1	48228.76	899584	454.1278 ng/ml
Metoprolol	4.331	1074478	1511.21	97.4	1917.30	1015836	455.7879 ng/ml
Mirtazapine	4.616	10372005	138967.25	44.7	1754.29	506695	523.9108 ng/ml
Mitragynine	5.229	1431852	44490.89	36.2	516328.62	649042	495.8926 ng/ml
Morphine	1.247	353126	1001.24	20.1	54.88	12492	488.7188 ng/ml
Norbuprenorphine	4.998	20483	12886.32	96.2	1367.29	17613	51.1648 ng/ml
Nordiazepam	5.900	1721268	66322.97	58.2	951.83	118865	500.3127 ng/ml
Norfentanyl	4.090	1126630	37614.58	36.5	5674.34	800332	56.0022 ng/ml
Norhydrocodone	3.075	351355	∞	40.4	109.06	48181	540.6955 ng/ml
Noroxycodone	2.918	1536032	5813.76	49.0	11795.43	102236	495.3835 ng/ml
O-desmethyl-tramadol	3.379	11208461	86072.00	5.5	25109.84	1096355	522.8823 ng/ml
Oxazepam	5.756	1358516	10807.48	73.3	5235.87	159997	475.1085 ng/ml
Oxycodone	2.836	3785108	973.37	29.5	∞	317008	475.2262 ng/ml
Oxymorphone	1.405	2087082	∞	43.1	5764.89	130930	550.6159 ng/ml
Phentermine	3.780	2476098	∞	5.6	2947.97	724368	416.2514 ng/ml
Promethazine	5.545	7400022	5399.60	28.7	4624.95	589934	523.1950 ng/ml
Pseudoephedrine	2.590	11085701	86864.56	16.4	6776.05	1021696	517.3027 ng/ml
Quetiapine	5.548	4834509	891.48	61.5	4847.09	201453	414.2575 ng/ml
Sertraline	5.790	672678	1103.13	94.4	13924.59	55165	493.2064 ng/ml
Temazepam	5.831	3684331	67612.88	26.1	9954.64	360543	498.6450 ng/ml
Tramadol	4.251	10476913	1135.26	3.1	627.17	1015836	498.5158 ng/ml
Trazodone	5.114	6553576	13068.73	78.0	221567.63	498252	518.9805 ng/ml
Venlafaxine	5.043	9713379	611773.73	32.1	68658.89	945235	518.3709 ng/ml
Zolpidem	4.886	10397871	8179.26	28.0	132047.13	1011542	496.5821 ng/ml

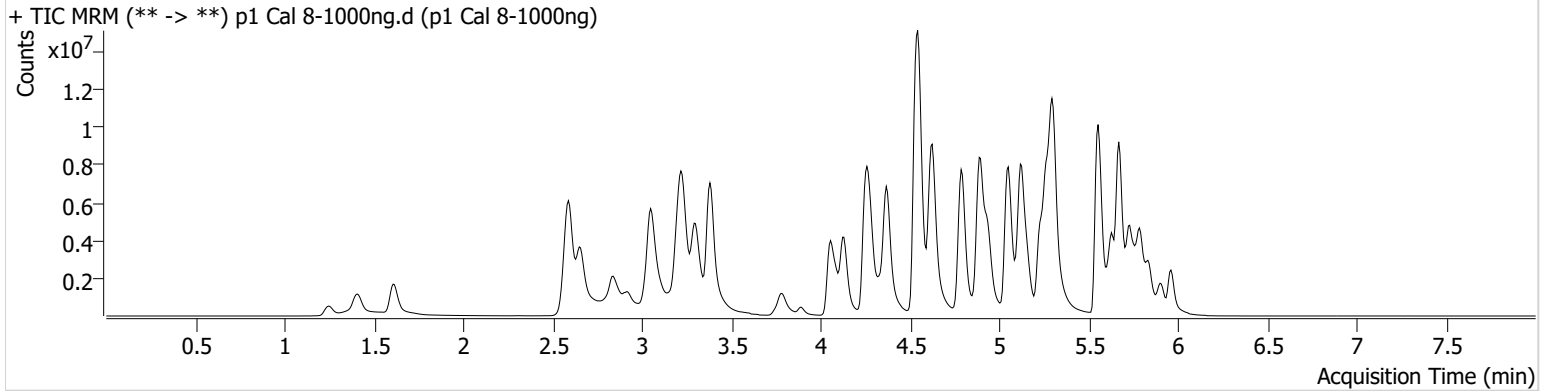
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\040722 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 4/14/2022 7:11:11 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-A12	Comment	
Injection Volume	2		
Acq. Date-Time	4/7/2022 9:05:33 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	219693	1465.72	69.4	1148.63	57543	100.1817 ng/ml
7-aminoclonazepam	4.263	831926	2668.98	78.6	121.90	47035	752.6956 ng/ml
a-hydroxyalprazolam	5.692	477531	148.96	68.5	351.15	137457	489.5734 ng/ml
alpha-PHP	4.936	3044987	71436.00	267.2	544133.48	441785	984.1827 ng/ml
alpha-PVP	4.368	12502185	1753.40	51.2	51842.90	441785	1053.1284 ng/ml
Alprazolam	5.782	3788654	381.95	108.2	402.23	137457	982.7624 ng/ml
Amphetamine	3.051	13638304	1055.39	47.4	109761.39	325853	623.0058 ng/ml
Benzoylecgonine	3.890	464973	127587.61	8.0	357.01	13529	1049.7045 ng/ml
Buprenorphine	5.772	217526	652675.59	14.8	40050.16	87088	92.9204 ng/ml
Bupropion	4.787	13929791	712307.35	62.5	62208.22	536096	962.4120 ng/ml
Carisoprodol	5.731	2688651	138189.53	53.5	11948.29	103856	1025.6917 ng/ml
Citalopram	5.225	6593063	49350.97	38.8	24464.86	273515	1037.0370 ng/ml
Clonazepam	5.612	2671445	3515.72	34.5	1837.52	52009	769.4514 ng/ml
Clonazepam	5.569	1426295	42537.21	38.7	136115.46	52009	610.5248 ng/ml
Cocaine	4.269	6181255	832.35	54.1	764.30	506354	1016.1265 ng/ml
Codeine	2.587	679390	2845.38	97.9	52150.89	46085	835.9292 ng/ml
Cyclobenzaprine	5.635	6331361	70291.27	6.9	172590.33	212855	1105.5578 ng/ml
Dextromethorphan	5.275	3488480	69285.03	78.4	157026.46	142180	1028.5581 ng/ml
Dextrophan	4.130	3486146	110463.32	217.0	∞	350760	1047.2828 ng/ml
Diazepam	5.960	3076992	∞	90.8	3062.47	155009	942.4303 ng/ml
Dihydrocodeine	2.559	2371698	10834.19	61.9	10143.16	198959	744.6050 ng/ml
Diphenhydramine	5.302	20007060	94224.36	32.8	117637.74	1108894	1011.0128 ng/ml
Doxylamine	4.542	25679183	373785.62	98.3	55086.98	1318811	864.8930 ng/ml
EDDP	5.261	10237569	∞	39.5	65606.37	491750	1060.5099 ng/ml
Etizolam	5.820	1812260	1660.80	25.4	67354.31	52009	1234.9481 ng/ml
Fentanyl	5.095	878265	78059.90	76.7	3791.40	454796	99.4240 ng/ml
Flualprazolam	5.706	1350943	66692.86	108.4	12087.06	137457	862.3161 ng/ml
Fluoxetine	5.728	3064953	44052.41	8.6	263696.37	104931	1068.6058 ng/ml
Hydrocodone	3.021	3834660	∞	33.3	∞	248928	899.4803 ng/ml
Hydromorphone	1.608	3928888	10396706.00	74.3	8179841.42	116651	991.2792 ng/ml
Ketamine	4.056	8323772	755683.44	36.5	15905.01	426297	925.9598 ng/ml
Lamotrigine	4.292	385069	702.73	86.1	23085.61	426297	524.7123 ng/ml
Levetiracetam	2.658	3627163	9174.35	146.8	3900.02	829092	1024.4557 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	874119	57874.45	50.4	2003.69	52009	336.6192 ng/ml
MDA	3.192	6072110	115574.51	28.4	5116.80	265792	820.0900 ng/ml
MDMA	3.299	7417076	4850.27	94.8	91435.81	84032	1030.4273 ng/ml
Meprobamate	4.910	1683005	503.24	24.8	21462.01	100322	859.1199 ng/ml
Methadone	5.666	13993103	193872.73	51.1	111289.44	544467	996.0700 ng/ml
Methamphetamine	3.227	17774680	2135.59	36.3	81531.74	915518	771.5571 ng/ml
Metoprolol	4.331	1609049	55814.85	98.9	2309.64	916806	756.8064 ng/ml
Mirtazapine	4.623	18018620	178130.82	45.4	2948.89	441785	1043.3648 ng/ml
Mitragynine	5.229	2257360	128030.78	36.9	958342.08	544467	931.7789 ng/ml
Morphine	1.247	618986	∞	20.6	∞	11672	916.6813 ng/ml
Norbuprenorphine	4.998	40017	3973.20	97.0	4324.13	17462	101.1741 ng/ml
Nordiazepam	5.907	2239721	6641.26	58.5	9135.84	83858	923.0287 ng/ml
Norfentanyl	4.090	2032890	51790.03	37.3	19756.49	643667	125.6032 ng/ml
Norhydrocodone	3.075	642717	631.20	40.6	∞	41175	1156.0259 ng/ml
Noroxycodone	2.918	2189811	619.34	49.6	22140.90	70652	1022.4046 ng/ml
O-desmethyl-tramadol	3.379	19704452	680551.99	5.6	13299.90	987600	1020.2811 ng/ml
Oxazepam	5.756	1283825	9220.22	71.8	6070.91	79953	898.9381 ng/ml
Oxycodone	2.829	6237701	465.97	29.3	406.16	296087	839.1784 ng/ml
Oxymorphone	1.405	3373846	∞	45.4	∞	125959	925.4896 ng/ml
Phentermine	3.787	4060882	∞	5.7	1976.19	713653	693.5255 ng/ml
Promethazine	5.552	12205881	75996.94	28.4	2782.25	486971	1045.0040 ng/ml
Pseudoephedrine	2.590	18664834	60229.71	16.2	4369.27	829092	1072.7016 ng/ml
Quetiapine	5.548	7200996	73526.19	61.9	356.98	184237	675.2710 ng/ml
Sertraline	5.796	970391	32673.88	91.7	28788.41	38569	1016.9923 ng/ml
Temazepam	5.831	4222563	43538.99	26.1	9034.25	208776	987.3988 ng/ml
Tramadol	4.251	16800668	1371.15	3.2	1327.59	916806	886.0609 ng/ml
Trazodone	5.121	11884986	170522.28	78.3	3259.62	430377	1089.2040 ng/ml
Venlafaxine	5.050	16816823	195958.80	32.7	10954.24	810052	1046.8865 ng/ml
Zolpidem	4.886	17670765	306520.63	28.4	214442.28	988548	863.8318 ng/ml