

Worklist: 5563

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-5397	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5515	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5540	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2021-5642	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0139	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0232	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0252	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-0298	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-3865	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4151	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4153	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4178	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2021-4223	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0092	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0156	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0161	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0162	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0197	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0198	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 02/02/2022

Analyst: Celena Shrum

Plate lot#: 211018

Plate Retest Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 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, Doxylamine 5-500, Etizolam 5-500, Lamotrigine 5-250, Lorazepam 5-100, Meprobamate 5-250, Methamphetamine 5-500, Norfentanyl 0.5-50, Norhydrocodone 5-500, Phentermine 5-500, Quetiapine 5-500, Zolpidem 5-500.

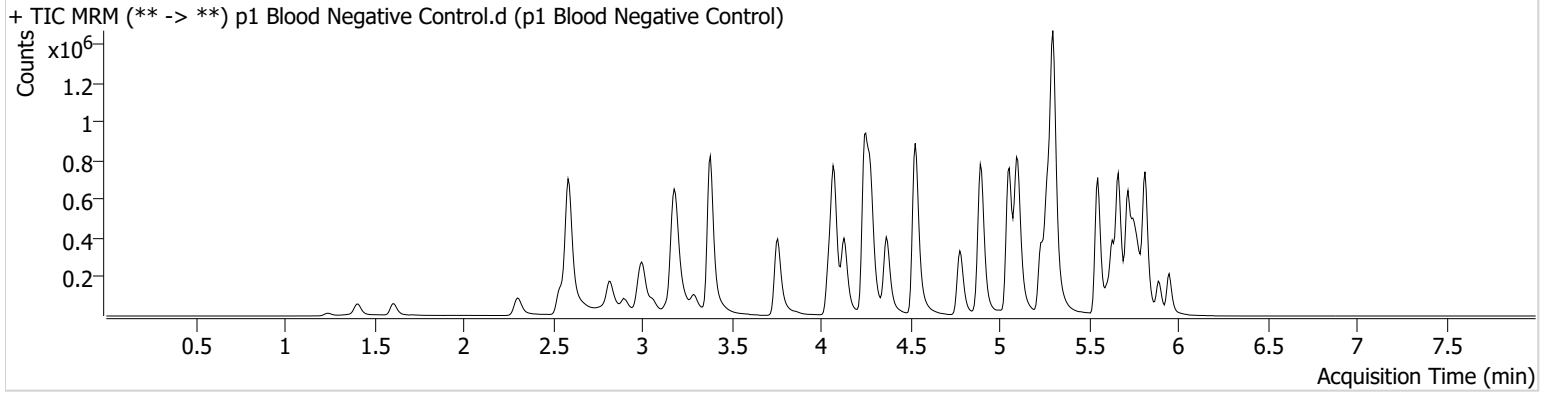
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Blood Negative Control.d
Type	Sample	Sample	p1 Blood Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	2/3/2022 12:48:48 AM		
Sample Info.			

Sample Chromatogram



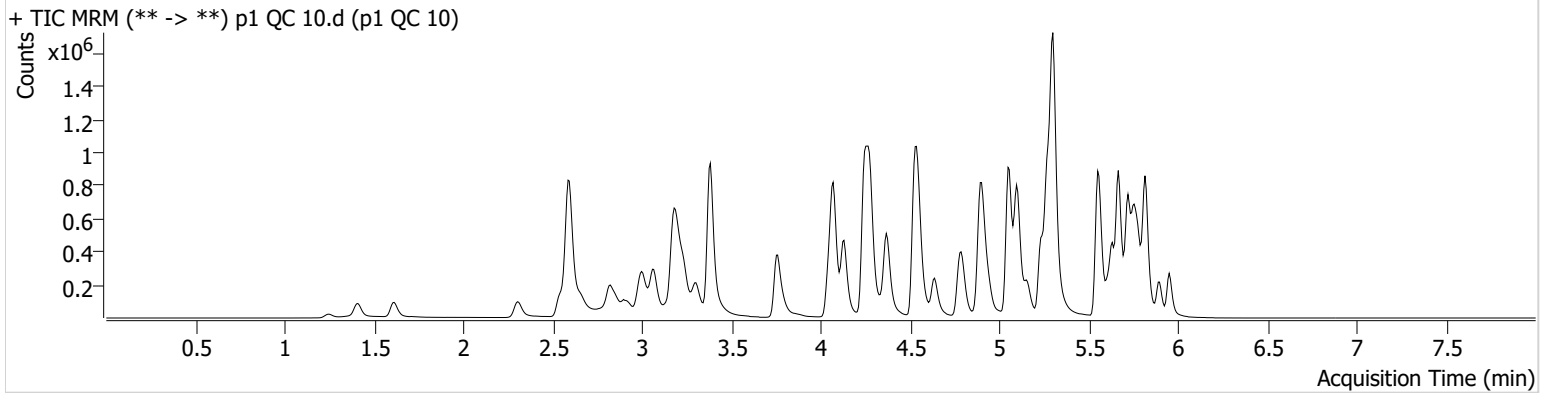
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 11:34:25 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	3502	124.10	76.8	740.82	100378	0.9245 ng/ml
7-aminoclonazepam	4.265	44975	1046.50	79.6	1610.83	162021	10.6018 ng/ml
a-hydroxyalprazolam	5.699	36441	224.34	67.9	301.03	451048	10.3257 ng/ml
alpha-PHP	4.944	64390	1972.05	259.5	827.04	978218	10.5391 ng/ml
alpha-PVP	4.376	220306	809.47	52.2	275.35	978218	9.7068 ng/ml
Alprazolam	5.775	120020	449.05	110.1	963.12	451048	9.8521 ng/ml
Amphetamine	3.069	423281	5606.93	51.2	1693.60	586624	10.2671 ng/ml
Benzoylecgonine	3.886	4841	154.87	7.1	182.35	15184	10.0837 ng/ml
Buprenorphine	5.833	5738	514.27	14.9	1566.17	203679	0.9531 ng/ml
Bupropion	4.801	240567	13502.82	64.3	1420.17	862883	10.0969 ng/ml
Carisoprodol	5.730	126871	6161.80	53.3	274.97	572689	10.5021 ng/ml
Citalopram	5.232	185532	209.78	38.2	21381.02	850732	9.7992 ng/ml
Clonazepam	5.612	136502	2830.10	35.6	183.87	173459	10.9060 ng/ml
Clonazepam	5.555	88033	18235.77	35.5	12426.67	173459	10.7433 ng/ml
Cocaine	4.277	152855	2932.36	55.6	266.52	1364134	9.8121 ng/ml
Codeine	2.600	23761	2269.87	100.2	5809.40	114382	11.0797 ng/ml
Cyclobenzaprine	5.635	149157	4714.74	7.8	1993.83	630051	9.4435 ng/ml
Dextromethorphan	5.282	118021	397.63	80.6	3760.58	580724	9.8469 ng/ml
Dextrophan	4.132	70478	650.16	213.0	5201.18	829507	10.1194 ng/ml
Diazepam	5.960	79849	1147.82	92.9	908.66	387555	10.2011 ng/ml
Dihydrocodeine	2.572	55914	1524.26	62.0	1059.97	350992	10.0699 ng/ml
Diphenhydramine	5.303	515605	10122.76	31.4	81796.54	2958822	9.8117 ng/ml
Doxylamine	4.550	549147	3776.99	98.7	3029.10	2392224	10.0517 ng/ml
EDDP	5.268	208482	8802.22	41.9	470.29	1205804	9.8777 ng/ml
Etizolam	5.820	46108	2018.45	25.6	3057.20	173459	9.4555 ng/ml
Fentanyl	5.109	16084	294.62	75.3	2380.53	964208	1.0111 ng/ml
Flualprazolam	5.705	50869	1784.66	95.4	2024.55	451048	10.8313 ng/ml
Fluoxetine	5.721	123604	1036.88	8.3	6116.64	470080	9.8276 ng/ml
Hydrocodone	3.032	82295	272.09	33.5	204.30	447188	10.5397 ng/ml
Hydromorphone	1.621	66781	132.06	72.1	1029.96	214059	10.6643 ng/ml
Ketamine	4.065	165184	13956.94	38.7	83.58	757482	10.0632 ng/ml
Lamotrigine	4.294	15118	542.28	84.2	1002.56	757482	10.0336 ng/ml
Levetiracetam	2.663	53354	198.69	143.3	1251.12	2150227	7.6142 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	114500	971.98	50.3	162.88	173459	9.6235 ng/ml
MDA	3.209	268574	1565.99	26.7	47.99	838570	10.6777 ng/ml
MDMA	3.310	159106	1686.85	93.4	1051.28	193356	9.9486 ng/ml
Meprobamate	4.911	73849	6634.70	24.6	783.17	366608	10.6284 ng/ml
Methadone	5.666	300544	1022.37	51.2	3634.40	1308811	10.2759 ng/ml
Methamphetamine	3.238	355868	385.44	39.7	1134.40	1424120	9.9655 ng/ml
Metoprolol	4.340	44583	5494.55	97.0	964.80	2023633	10.0096 ng/ml
Mirtazapine	4.637	392599	3080.76	45.7	1254.69	978218	9.2274 ng/ml
Mitragynine	5.244	50192	193.77	34.6	372.24	1308811	11.6315 ng/ml
Morphine	1.253	10652	84.66	20.1	280.80	20071	10.1175 ng/ml
Norbuprenorphine	5.006	823	1469.81	83.8	599.14	29234	0.9252 ng/ml
Nordiazepam	5.900	83654	892.40	60.1	599.61	280035	10.2986 ng/ml
Norfentanyl	4.093	36934	216.14	36.8	48.65	1693469	0.9831 ng/ml
Norhydrocodone	3.080	10260	61.03	42.4	109.22	104013	9.3720 ng/ml
Noroxycodone	2.930	75345	205.06	47.8	14.32	240574	10.2860 ng/ml
O-desmethyl-tramadol	3.389	351762	593.38	5.8	139.87	2138608	9.6372 ng/ml
Oxazepam	5.756	153777	777.36	72.5	93.67	587502	10.4529 ng/ml
Oxycodone	2.848	158248	906.60	29.0	847.61	633780	10.1976 ng/ml
Oxymorphone	1.411	66338	84.91	46.3	1135.61	209024	10.3689 ng/ml
Phentermine	3.790	98846	1129.15	5.5	132.42	1137516	10.3903 ng/ml
Promethazine	5.552	269839	2106.42	30.6	1375.34	1175774	10.0715 ng/ml
Pseudoephedrine	2.603	417376	362.31	17.8	336.10	2150227	9.6398 ng/ml
Quetiapine	5.562	241380	155.73	59.9	2619.52	356804	10.2486 ng/ml
Sertraline	5.789	36855	507.80	97.3	295.19	161053	10.3166 ng/ml
Temazepam	5.823	238279	1820.64	26.6	277.85	1190991	9.9853 ng/ml
Tramadol	4.259	405875	1077.85	3.2	199.65	2023633	9.3210 ng/ml
Trazodone	5.156	233447	979.65	75.5	422.77	915546	10.5456 ng/ml
Venlafaxine	5.057	321357	7276.83	34.6	1072.18	1899051	9.6356 ng/ml
Zolpidem	4.921	390980	9536.19	29.9	2610.21	1671736	10.3246 ng/ml

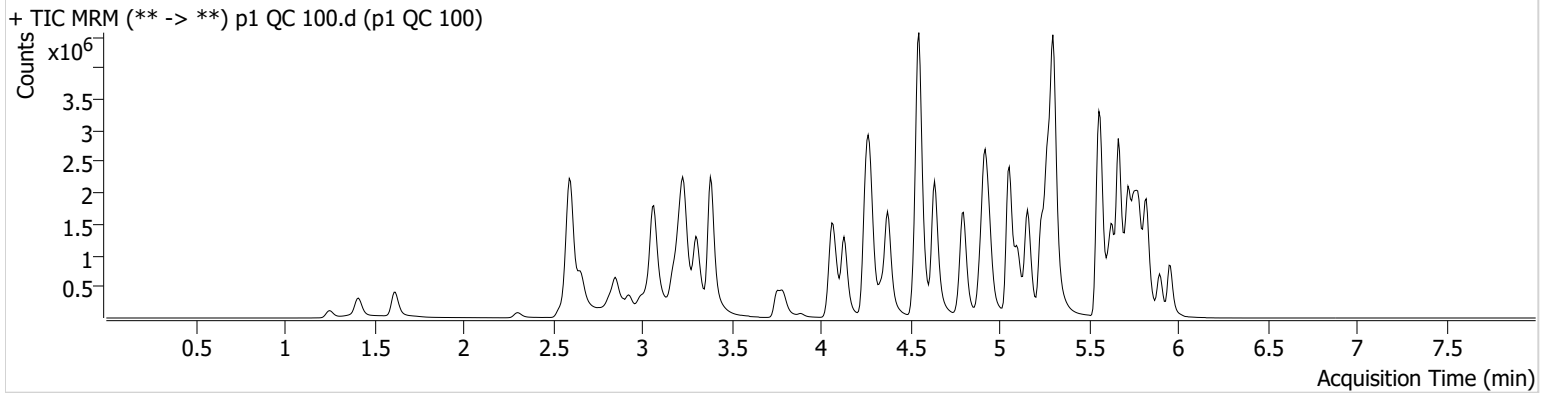
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	2/3/2022 5:14:10 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	38915	761.17	70.0	190.88	106247	9.7600 ng/ml
7-aminoclonazepam	4.265	341003	127.65	80.3	11551.31	139537	101.3867 ng/ml
a-hydroxyalprazolam	5.699	263093	663.95	68.7	540.37	405848	86.8604 ng/ml
alpha-PHP	4.944	616760	14649.10	258.2	6626.03	991574	102.2339 ng/ml
alpha-PVP	4.376	2224107	199004.38	52.4	21800.46	991574	95.2187 ng/ml
Alprazolam	5.782	1103865	1670.27	109.5	∞	405848	98.4957 ng/ml
Amphetamine	3.069	3832963	23962.83	47.6	1622.31	581566	98.3007 ng/ml
Benzoylecgonine	3.886	55445	532.07	8.2	272.38	18619	94.3027 ng/ml
Buprenorphine	5.840	59756	4504.09	15.0	24275.28	214715	9.9282 ng/ml
Bupropion	4.801	2486194	257612.43	63.4	26064.98	906647	100.6871 ng/ml
Carisoprodol	5.730	987204	63487.28	54.4	∞	442929	92.0839 ng/ml
Citalopram	5.232	1765374	87524.11	38.8	36862.94	799184	97.4437 ng/ml
Clonazepam	5.612	1095388	51231.71	35.0	40267.72	151146	101.4023 ng/ml
Clonazepam	5.555	655781	1052.29	37.2	489934.27	151146	103.7333 ng/ml
Cocaine	4.277	1446353	127175.88	54.6	22034.61	1302911	97.8896 ng/ml
Codeine	2.593	204569	5375.95	101.9	8095.03	109583	103.9290 ng/ml
Cyclobenzaprine	5.635	1503869	42087.69	7.5	15989.20	598450	99.1529 ng/ml
Dextromethorphan	5.282	1082978	40428.17	78.5	54314.30	537518	98.3709 ng/ml
Dextrophan	4.132	708565	36082.68	215.0	90127.55	848802	97.4320 ng/ml
Diazepam	5.960	744887	719.53	91.3	2516.38	372269	100.2788 ng/ml
Dihydrocodeine	2.572	557663	26441.99	61.3	7908.13	369713	98.9418 ng/ml
Diphenhydramine	5.303	5035532	186207.98	31.6	30696.96	2805815	97.3525 ng/ml
Doxylamine	4.549	5635117	14104.46	98.3	7259.44	2404457	101.7254 ng/ml
EDDP	5.275	1999200	1345.19	41.5	1288.43	1148509	97.9659 ng/ml
Etizolam	5.820	437067	22183.23	26.0	3199.32	151146	105.3836 ng/ml
Fentanyl	5.116	181413	165.53	76.1	641706.96	1084750	9.9714 ng/ml
Flualprazolam	5.705	439775	4783.88	103.8	9269.45	405848	108.3362 ng/ml
Fluoxetine	5.721	1068197	156994.59	8.7	1776.68	396790	96.6065 ng/ml
Hydrocodone	3.032	798110	∞	34.0	1122.29	468914	101.9155 ng/ml
Hydromorphone	1.621	705671	3088010.49	74.1	3222335.84	226032	103.9356 ng/ml
Ketamine	4.065	1657261	75640.88	37.7	10749.22	792845	102.2103 ng/ml
Lamotrigine	4.294	137682	1812.76	84.9	3053.84	792845	91.4272 ng/ml
Levetiracetam	2.663	529898	2054.83	144.2	13628.83	2083117	80.7742 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	598291	10552.12	51.8	804.00	151146	68.5842 ng/ml
MDA	3.209	2160515	1175.45	28.8	627.86	748055	105.4570 ng/ml
MDMA	3.310	1593411	9477.23	94.9	1270.55	193718	98.5133 ng/ml
Meprobamate	4.911	569469	320.56	24.5	2561.80	346161	93.9918 ng/ml
Methadone	5.666	3026266	33942.74	50.1	40514.38	1289017	93.3340 ng/ml
Methamphetamine	3.238	3557977	1083.38	38.8	1356.08	1544246	100.9914 ng/ml
Metoprolol	4.340	444128	460531.99	94.9	36528.59	2132546	101.3036 ng/ml
Mirtazapine	4.637	3872169	118640.70	44.8	152271.66	991574	91.3256 ng/ml
Mitragynine	5.243	566257	3099.66	36.5	2495.02	1289017	132.0324 ng/ml
Morphine	1.253	113838	7147.09	20.0	919.87	21438	99.6702 ng/ml
Norbuprenorphine	5.006	6912	1052.64	96.3	4784.83	32437	9.5092 ng/ml
Nordiazepam	5.900	718547	∞	59.5	6704.36	249525	100.7387 ng/ml
Norfentanyl	4.099	370525	19361.24	36.1	5183.69	1646088	9.6185 ng/ml
Norhydrocodone	3.080	103630	131.90	40.7	124.44	86539	101.4471 ng/ml
Noroxycodone	2.930	647985	3211.21	48.2	7663.76	215877	101.8215 ng/ml
O-desmethyl-tramadol	3.389	3602091	96903.20	5.7	3933.09	2175811	95.8759 ng/ml
Oxazepam	5.756	984089	53369.41	72.3	8349.20	392954	104.9298 ng/ml
Oxycodone	2.848	1598640	∞	29.5	3338.81	665394	100.0145 ng/ml
Oxymorphone	1.411	652967	∞	43.4	∞	216277	102.7059 ng/ml
Phentermine	3.790	930336	∞	5.6	2147.16	1176563	102.6847 ng/ml
Promethazine	5.552	2695545	65964.63	29.8	789.86	1156595	100.0252 ng/ml
Pseudoephedrine	2.603	4233462	36434.42	16.9	41909.08	2083117	96.9803 ng/ml
Quetiapine	5.569	2158729	96411.07	62.7	619.37	343376	100.8495 ng/ml
Sertraline	5.796	330110	431.99	93.8	867.13	144741	98.5826 ng/ml
Temazepam	5.823	1866381	1451.69	26.8	488.84	932706	98.3717 ng/ml
Tramadol	4.259	3843569	67281.36	3.3	∞	2132546	97.3339 ng/ml
Trazodone	5.156	2454111	528834.04	78.7	1251.88	999187	104.7817 ng/ml
Venlafaxine	5.057	3299820	2420.30	34.3	4240.85	1893571	96.2999 ng/ml
Zolpidem	4.921	3998531	1133.93	28.7	1640.05	1753973	102.2068 ng/ml



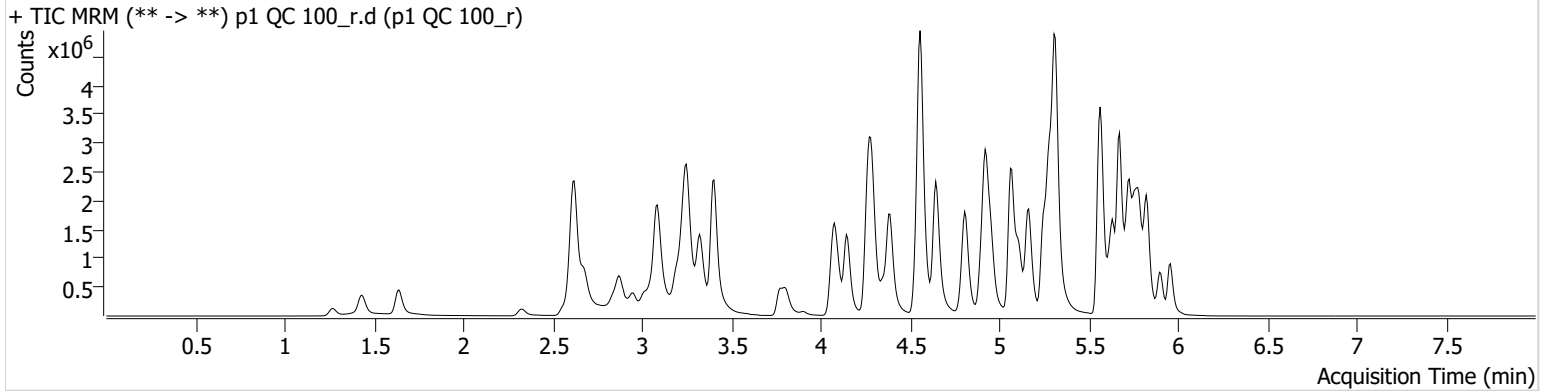
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument Falco (069901) Data File p1 QC 100_r.d
Type QC Sample p1 QC 100_r
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P6-B2 Comment
Injection Volume 2
Acq. Date-Time 2/3/2022 9:06:56 AM
Sample Info.

QC was reinjected following a case that was reinjected.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	42465	3698.09	70.6	453.28	121711	9.2969 ng/ml
7-aminoclonazepam	4.278	387697	7298.32	78.1	19096.45	155612	103.3821 ng/ml
a-hydroxyalprazolam	5.699	272105	608.62	68.8	871.84	442352	82.3929 ng/ml
alpha-PHP	4.957	666890	44747.40	252.3	14380.70	1043443	105.0569 ng/ml
alpha-PVP	4.390	2361909	590.41	52.8	981.31	1043443	96.0903 ng/ml
Alprazolam	5.782	1187910	2435.72	109.2	∞	442352	97.2510 ng/ml
Amphetamine	3.090	4110135	78679.88	48.2	15234.23	707556	86.5737 ng/ml
Benzoylecgonine	3.906	57941	66.78	8.4	1618.68	18910	97.0311 ng/ml
Buprenorphine	5.833	61751	742.41	15.3	10746.82	238415	9.2358 ng/ml
Bupropion	4.809	2642393	101883.50	64.1	39978.70	970546	99.9662 ng/ml
Carisoprodol	5.730	1189895	34928.75	54.4	236.24	523906	93.8067 ng/ml
Citalopram	5.246	1875630	937.17	38.2	44575.28	829220	99.7747 ng/ml
Clonazepam	5.618	1154784	20519.93	35.4	6243.89	165343	97.7174 ng/ml
Clonazepam	5.562	716611	5013.38	38.9	496541.47	165343	103.6206 ng/ml
Cocaine	4.284	1491456	23196.87	55.8	139625.64	1389373	94.6580 ng/ml
Codeine	2.620	219112	194.24	100.5	10505.84	118521	102.9173 ng/ml
Cyclobenzaprine	5.642	1655290	93512.00	7.0	2498.93	669749	97.5200 ng/ml
Dextromethorphan	5.289	1208560	19227.07	76.7	76503.44	592209	99.6410 ng/ml
Dextrophan	4.145	794403	21348.72	216.7	36327.86	914344	101.3958 ng/ml
Diazepam	5.960	796751	3490.26	92.0	4393.52	393249	101.5403 ng/ml
Dihydrocodeine	2.592	609899	14101.49	60.3	98.41	391859	102.1077 ng/ml
Diphenhydramine	5.316	5560631	∞	31.9	6670.19	2979270	101.2294 ng/ml
Doxylamine	4.556	6179794	8648.66	96.8	202007.29	2608395	102.8347 ng/ml
EDDP	5.281	2155338	10697.71	41.4	62309.24	1200542	101.0343 ng/ml
Etizolam	5.820	460422	3194.04	26.6	11991.74	165343	101.4730 ng/ml
Fentanyl	5.123	205920	1830.31	76.2	661693.87	1166339	10.5257 ng/ml
Flualprazolam	5.712	513395	12101.24	105.7	3362.18	442352	116.0707 ng/ml
Fluoxetine	5.727	1115690	151715.81	8.9	7166.10	416637	96.0975 ng/ml
Hydrocodone	3.052	874200	6218.47	34.8	∞	501868	104.3143 ng/ml
Hydromorphone	1.641	762243	4443510.58	74.1	461.40	246488	102.9537 ng/ml
Ketamine	4.072	1808983	23963.60	37.6	19491.22	864228	102.3534 ng/ml
Lamotrigine	4.314	155858	2300.90	85.9	25056.28	864228	94.9687 ng/ml
Levetiracetam	2.676	582598	1830.98	141.5	437.48	2266219	81.6353 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	642812	48371.33	49.2	566.39	165343	67.3217 ng/ml
MDA	3.230	2337844	1055.92	31.1	638.04	891606	95.6347 ng/ml
MDMA	3.323	1652014	9412.78	101.1	2308.70	210137	94.1605 ng/ml
Meprobamate	4.924	723780	502.15	24.6	237.85	418703	98.8149 ng/ml
Methadone	5.673	3345223	173678.49	51.2	980.64	1436340	92.5991 ng/ml
Methamphetamine	3.258	4101518	2766.86	38.2	3222.31	1701623	105.7035 ng/ml
Metoprolol	4.353	478224	47849.06	97.1	4635.09	2322843	100.1352 ng/ml
Mirtazapine	4.644	4178024	164997.87	43.8	152771.28	1043443	93.6454 ng/ml
Mitragynine	5.250	632585	2876.29	35.7	31666.57	1436340	132.3689 ng/ml
Morphine	1.274	130230	22177.89	19.3	213.74	23654	103.3353 ng/ml
Norbuprenorphine	5.019	7731	14146.38	98.9	3085.49	36092	9.5610 ng/ml
Nordiazepam	5.906	787422	2687.96	59.4	11806.47	278342	98.9624 ng/ml
Norfentanyl	4.106	397177	∞	36.8	1929.06	1747656	9.7107 ng/ml
Norhydrocodone	3.100	130659	459.08	40.6	108.24	103241	107.1510 ng/ml
Noroxycodone	2.950	701230	1643.33	49.1	17934.46	240520	98.8881 ng/ml
O-desmethyl-tramadol	3.403	3881408	∞	5.8	7487.50	2342778	95.9475 ng/ml
Oxazepam	5.763	1030300	15582.52	73.2	2840.85	415909	103.7876 ng/ml
Oxycodone	2.868	1718065	3352.01	29.6	1313.44	725164	98.6237 ng/ml
Oxymorphone	1.432	691043	∞	47.9	∞	233498	100.6691 ng/ml
Phentermine	3.810	1014043	∞	6.3	2205.45	1273084	103.4454 ng/ml
Promethazine	5.560	2828893	2788.42	29.8	27104.98	1226167	99.0198 ng/ml
Pseudoephedrine	2.623	4528095	48492.79	17.3	23861.17	2266219	95.3558 ng/ml
Quetiapine	5.569	2225751	56614.09	63.3	39632.46	379356	94.0735 ng/ml
Sertraline	5.796	331104	677729.35	90.3	769.91	141323	101.2579 ng/ml
Temazepam	5.830	2112103	47115.82	25.3	589.62	998337	103.9951 ng/ml
Tramadol	4.266	4225433	31130.94	3.2	906.24	2322843	98.2537 ng/ml
Trazodone	5.163	2600089	793.56	81.2	201626.07	1066253	104.0291 ng/ml
Venlafaxine	5.064	3553629	1570.35	33.6	1047.05	2044880	96.0341 ng/ml
Zolpidem	4.921	4313006	96783.22	28.3	5944.52	1885209	102.5712 ng/ml

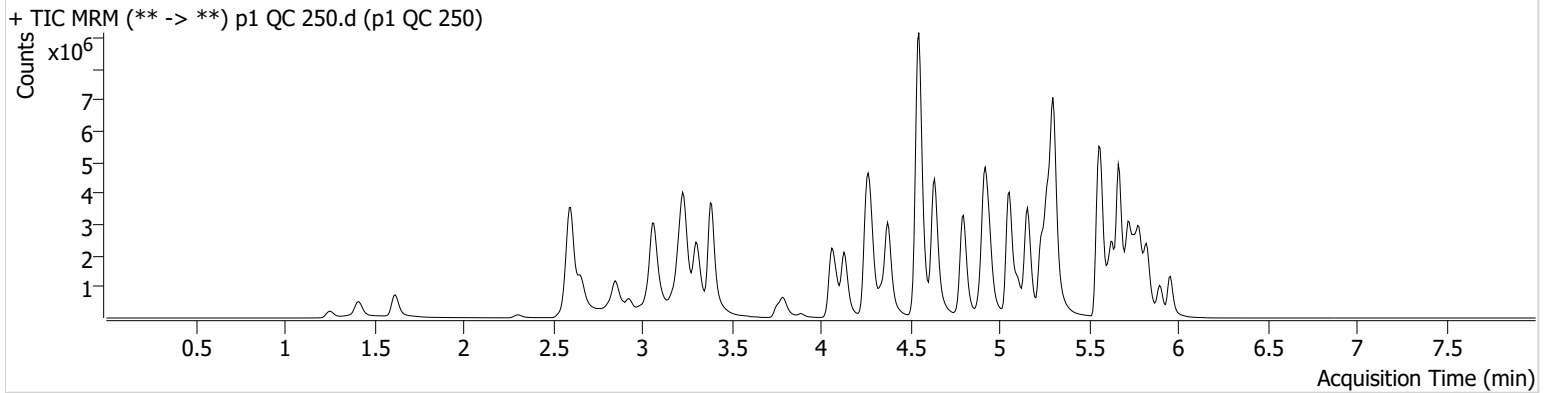
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 11:55:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	83120	595.35	68.9	729.00	87091	25.4409 ng/ml
7-aminoclonazepam	4.271	571823	5237.26	80.2	3218.75	104814	227.6061 ng/ml
a-hydroxyalprazolam	5.699	374672	∞	69.8	588.58	284170	177.2538 ng/ml
alpha-PHP	4.944	1239942	78367.77	260.3	76622.87	819935	249.0048 ng/ml
alpha-PVP	4.376	4741552	3432.36	51.5	182544.08	819935	245.2330 ng/ml
Alprazolam	5.782	1958089	∞	108.9	963.54	284170	249.1598 ng/ml
Amphetamine	3.069	6985644	704.08	47.5	358.54	492633	212.1370 ng/ml
Benzoylecgonine	3.892	120013	1339.01	8.1	15949.15	15935	238.5254 ng/ml
Buprenorphine	5.840	115417	54095.38	15.0	46524.54	161317	25.6144 ng/ml
Bupropion	4.801	5336775	293393.91	62.7	64326.97	759101	258.3840 ng/ml
Carisoprodol	5.730	1536520	19856.49	53.0	5065.07	259734	241.9325 ng/ml
Citalopram	5.232	3410964	141195.48	38.3	38900.64	606204	247.9046 ng/ml
Clonazepam	5.612	1730821	3170.65	35.3	236363.71	103771	233.5270 ng/ml
Clonazepam	5.555	938007	1245.41	37.5	376487.65	103771	217.8220 ng/ml
Cocaine	4.277	2827057	194436.33	55.2	28303.09	1011467	246.5840 ng/ml
Codeine	2.593	370033	5791.68	101.3	13282.23	82786	249.6025 ng/ml
Cyclobenzaprine	5.635	3041849	35376.19	7.2	37109.70	467210	256.7105 ng/ml
Dextromethorphan	5.282	2037044	71448.53	78.1	21936.25	399808	248.8935 ng/ml
Dextrophan	4.132	1441118	3920.67	213.3	1238.97	667088	251.7828 ng/ml
Diazepam	5.960	1384935	579.08	93.4	17888.68	276222	251.4827 ng/ml
Dihydrocodeine	2.572	1079826	171.27	63.2	518.36	317694	223.4870 ng/ml
Diphenhydramine	5.303	10145093	158750.60	30.8	34535.03	2147056	255.6657 ng/ml
Doxylamine	4.549	12422920	303182.10	97.9	7343.02	2111156	255.2682 ng/ml
EDDP	5.268	3615158	53656.19	41.6	575029.18	802435	253.2949 ng/ml
Etizolam	5.820	799854	4113.42	26.4	2163.68	103771	281.3276 ng/ml
Fentanyl	5.109	395483	1039.52	74.0	15145.16	909754	25.8899 ng/ml
Flualprazolam	5.705	728827	9469.41	106.7	5018.46	284170	257.0976 ng/ml
Fluoxetine	5.727	2103875	468159.39	8.6	30727.36	301887	249.3967 ng/ml
Hydrocodone	3.032	1568311	927.95	34.8	∞	390059	241.4859 ng/ml
Hydromorphone	1.621	1446892	3775892.90	74.1	5380714.71	185275	259.5232 ng/ml
Ketamine	4.065	3536887	424747.18	37.3	12129.83	672206	258.2992 ng/ml
Lamotrigine	4.294	247818	1454.53	87.0	7790.26	672206	194.6972 ng/ml
Levetiracetam	2.663	1023908	9154.40	144.3	2539.99	1607805	202.6602 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	739020	55934.69	50.5	1058.71	103771	125.1318 ng/ml *
MDA	3.209	3703450	22388.78	28.3	1897.23	559407	243.2075 ng/ml
MDMA	3.310	3239733	16951.41	93.7	5158.04	153683	252.3132 ng/ml
Meprobamate	4.911	879904	286233.05	24.8	357.19	270796	186.6272 ng/ml
Methadone	5.666	6245591	106844.97	49.5	32994.95	1006233	244.6656 ng/ml
Methamphetamine	3.238	7325791	61830.68	37.8	157417.04	1357273	238.0713 ng/ml
Metoprolol	4.340	840990	6321.39	97.4	23827.10	1652291	248.7236 ng/ml
Mirtazapine	4.637	8201731	3873.81	44.5	3115.92	819935	234.2079 ng/ml
Mitragynine	5.244	1024680	1943.36	36.1	8189.23	1006233	305.9138 ng/ml
Morphine	1.253	237994	19057.73	20.3	289.03	17995	247.9847 ng/ml
Norbuprenorphine	5.006	14528	6019.56	96.3	1113.08	27000	24.5921 ng/ml
Nordiazepam	5.900	1258598	2092.37	58.4	1161.86	176372	249.8892 ng/ml
Norfentanyl	4.099	790686	29312.56	36.4	1553.38	1255873	26.8013 ng/ml
Norhydrocodone	3.080	215333	233.75	41.6	3596.73	67386	268.8623 ng/ml
Noroxycodone	2.930	1168929	2997.51	49.1	576.43	161450	246.1348 ng/ml
O-desmethyl-tramadol	3.389	7783313	232172.71	5.6	56517.03	1811606	248.6174 ng/ml
Oxazepam	5.756	1212814	12627.88	73.3	5164.70	204253	249.5763 ng/ml
Oxycodone	2.848	3353558	∞	29.2	2479.61	564021	247.8385 ng/ml
Oxymorphone	1.411	1321436	∞	45.9	∞	175423	256.9700 ng/ml
Phentermine	3.797	1740639	∞	5.5	1053.52	1012119	224.5159 ng/ml
Promethazine	5.552	5440294	116477.40	29.7	4664.51	912087	255.6107 ng/ml
Pseudoephedrine	2.603	8573714	165535.57	16.5	73908.98	1607805	253.7935 ng/ml
Quetiapine	5.569	4211735	51448.75	61.4	48440.75	284238	238.6153 ng/ml
Sertraline	5.796	721038	1185.49	91.8	160474.39	121740	255.2560 ng/ml
Temazepam	5.830	2774040	23063.27	26.4	746.66	556770	244.6871 ng/ml
Tramadol	4.259	7683533	∞	3.2	3768.57	1652291	253.8176 ng/ml
Trazodone	5.156	5220726	135271.64	78.4	206684.43	851880	262.0057 ng/ml
Venlafaxine	5.057	7018803	213776.21	33.0	3017.77	1526138	253.6317 ng/ml
Zolpidem	4.921	8064337	51494.17	27.8	22242.22	1476286	245.1568 ng/ml

*Outside curve range.

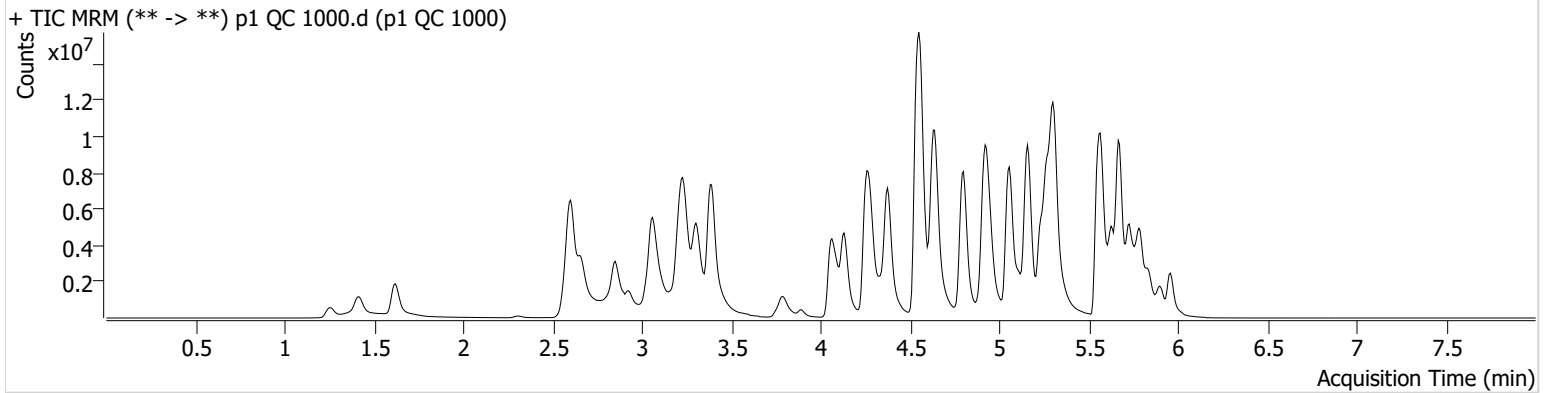


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument Falco (069901) Data File p1 QC 1000.d
Type QC Sample p1 QC 1000
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P6-D2 Comment
Injection Volume 2
Acq. Date-Time 2/3/2022 12:16:55 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	258522	5735.27	67.8	22085.86	66173	104.1575 ng/ml
7-aminoclonazepam	4.265	865458	443.38	79.9	1804.52	65335	554.1164 ng/ml *
a-hydroxyalprazolam	5.692	441778	45.32	69.1	391.30	141444	420.6790 ng/ml *
alpha-PHP	4.950	2909520	137165.34	267.6	51885.70	543301	882.5882 ng/ml
alpha-PVP	4.376	13201269	2007.56	52.1	28336.37	543301	1029.8961 ng/ml
Alprazolam	5.775	3969889	380.80	106.4	418.70	141444	1014.1546 ng/ml
Amphetamine	3.063	13973752	157.58	47.2	152.02	353769	591.9092 ng/ml *
Benzoylcegonine	3.892	420371	21942.05	8.2	2612.24	13670	973.9097 ng/ml
Buprenorphine	5.840	335531	1379.01	15.0	125228.21	102605	117.2788 ng/ml
Bupropion	4.801	15072037	839586.64	62.7	66276.40	587396	943.4451 ng/ml
Carisoprodol	5.737	1912119	13011.92	53.8	13346.09	74020	1051.4024 ng/ml
Citalopram	5.232	7154375	318044.10	37.6	51515.46	307675	1023.8639 ng/ml
Clonazepam	5.612	2447659	10843.97	34.5	28280.80	45088	760.3371 ng/ml *
Clonazepam	5.576	950104	315.46	37.5	110740.08	45088	509.8881 ng/ml *
Cocaine	4.277	6684351	62594.19	54.2	238330.41	580292	1016.4758 ng/ml
Codeine	2.593	816350	11282.34	98.5	10923.62	52349	872.1885 ng/ml
Cyclobenzaprine	5.635	7638020	141246.94	6.8	17589.56	271098	1110.5191 ng/ml
Dextromethorphan	5.282	3845715	48448.45	77.6	94063.79	183491	1024.0923 ng/ml
Dextrophan	4.132	3924674	∞	221.7	78854.63	431952	1058.2329 ng/ml
Diazepam	5.960	3210496	171.29	92.3	∞	167368	962.5311 ng/ml
Dihydrocodeine	2.565	2875777	10096.68	61.6	16469.30	288140	657.0562 ng/ml *
Diphenhydramine	5.310	21385356	347426.61	33.4	89826.36	1161016	995.4868 ng/ml
Doxylamine	4.550	29207818	39696.57	98.2	631767.73	1694041	747.7553 ng/ml *
EDDP	5.268	10856662	188657.95	40.4	158208.91	563593	1082.4929 ng/ml
Etizolam	5.820	1775246	8437.00	26.8	412.06	45088	1438.1206 ng/ml *
Fentanyl	5.116	1390137	17644.34	73.4	1702.07	758972	109.0241 ng/ml
Flualprazolam	5.705	1213100	26018.09	110.4	106319.28	141444	860.8993 ng/ml
Fluoxetine	5.727	4794583	23210.50	8.5	86889.55	151849	1128.4018 ng/ml
Hydrocodone	3.032	4474271	300.73	34.1	207.67	309915	868.4947 ng/ml
Hydromorphone	1.621	4399954	8673175.29	74.7	11097651.2	144525	1010.8226 ng/ml
Ketamine	4.065	9452378	200773.99	36.4	33956.42	497100	935.2241 ng/ml
Lamotrigine	4.301	425188	1326.41	86.3	64870.73	497100	452.4241 ng/ml *

*Outside curve range.

AM #28 Multi-Drug Quant. Results



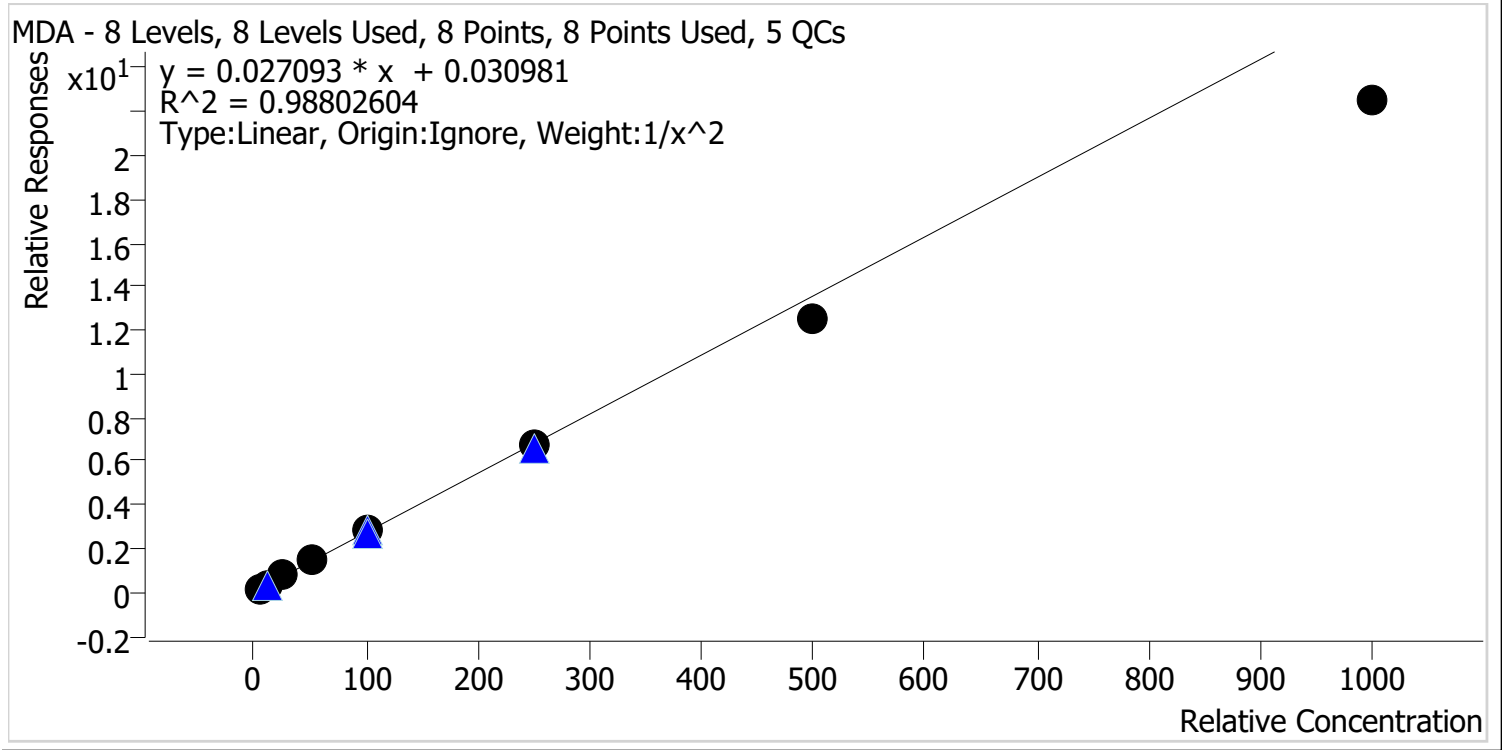
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	2470841	40037.46	147.1	101678.35	957788	821.8452 ng/ml
Lorazepam	5.753	824910	19216.34	50.5	7549.86	45088	324.8826 ng/ml *
MDA	3.203	6227119	61952.12	27.1	2544.26	286543	800.9645 ng/ml
MDMA	3.303	7614515	4414.95	93.6	111035.63	95380	955.2404 ng/ml
Meprobamate	4.904	1217141	63.72	24.4	533.40	171265	409.3727 ng/ml *
Methadone	5.673	15283421	179700.48	51.2	36593.67	623410	962.6225 ng/ml
Methamphetamine	3.231	18489343	175654.26	36.6	65433.22	1174415	696.5396 ng/ml *
Metoprolol	4.340	1732532	349568.33	98.0	104030.00	1169801	725.2488 ng/ml
Mirtazapine	4.640	21946883	17473.13	46.7	184121.25	543301	946.3550 ng/ml
Mitragynine	5.244	2477164	102078.21	37.3	66929.92	623410	1193.3510 ng/ml
Morphine	1.253	721827	200.19	19.7	4529.54	14709	919.6826 ng/ml
Norbuprenorphine	5.013	46035	162906.29	94.3	3523.21	21761	97.8035 ng/ml
Nordiazepam	5.906	2182889	38042.75	59.2	658.38	83095	920.3701 ng/ml
Norfentanyl	4.099	2264374	107110.38	36.3	123.37	696885	138.0843 ng/ml *
Norhydrocodone	3.080	712201	222.64	38.3	∞	46079	1296.1977 ng/ml *
Noroxycodone	2.923	2744941	1266.19	49.0	633.31	96186	971.2683 ng/ml
O-desmethyl-tramadol	3.390	21841310	∞	5.7	35155.65	1260766	1002.1027 ng/ml
Oxazepam	5.756	1113622	19144.50	73.1	6870.52	49463	947.9186 ng/ml
Oxycodone	2.848	10282092	∞	29.0	37794.70	450098	952.8339 ng/ml
Oxymorphone	1.411	3900601	∞	45.4	∞	133974	994.5666 ng/ml
Phentermine	3.790	4114410	∞	5.6	3705.69	824766	653.1578 ng/ml *
Promethazine	5.552	15275009	256590.07	28.9	4626.00	635337	1029.5698 ng/ml
Pseudoephedrine	2.603	21715780	233791.99	16.2	98544.93	957788	1077.7186 ng/ml
Quetiapine	5.569	8859020	300.54	61.8	300.53	195215	732.1860 ng/ml *
Sertraline	5.796	1622313	131165.99	93.9	781.17	68784	1015.0782 ng/ml
Temazepam	5.837	3605676	23130.61	26.7	250.69	183115	966.5303 ng/ml
Tramadol	4.252	17886055	∞	3.2	∞	1169801	838.4339 ng/ml
Trazodone	5.156	15324026	813595.79	80.2	504565.31	769524	852.1853 ng/ml
Venlafaxine	5.059	18425118	4186.94	33.4	250322.51	971695	1044.7343 ng/ml
Zolpidem	4.921	18697866	773082.06	29.1	167134.46	1165822	720.1368 ng/ml *

*Outside curve range.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

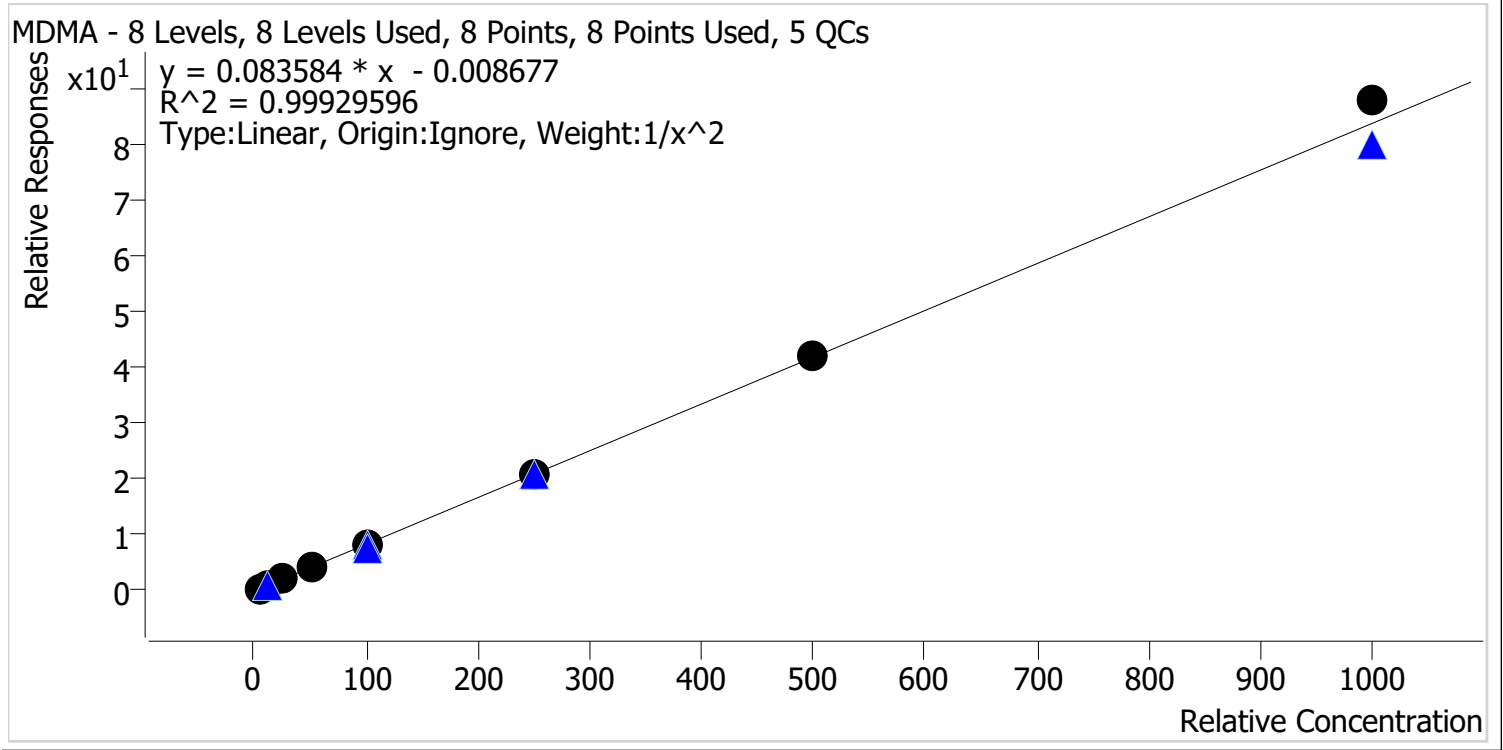


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	55.1	110.2
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	462.4	92.5
p1 Cal 8-1000ng	8	✓	1000.0	830.2	83.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

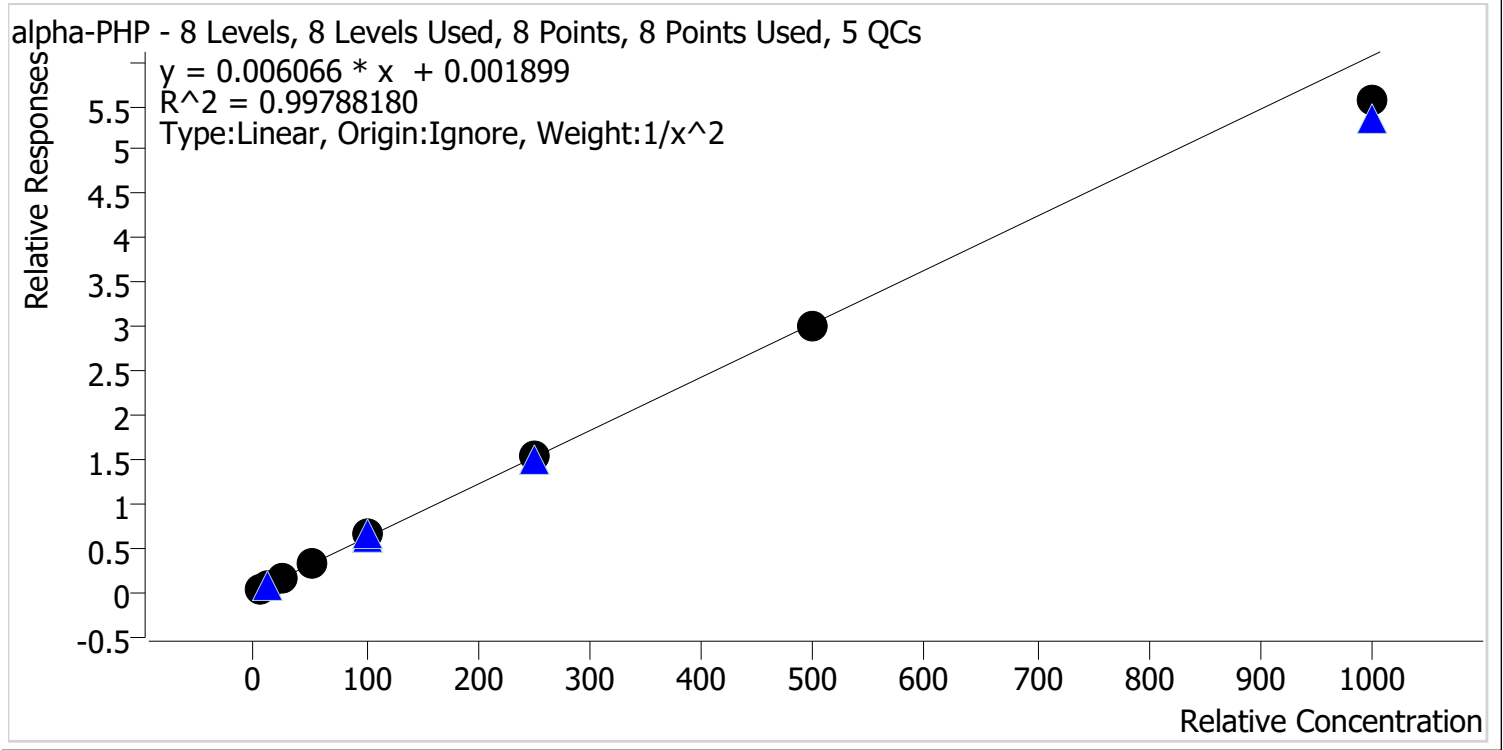


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1048.7	104.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

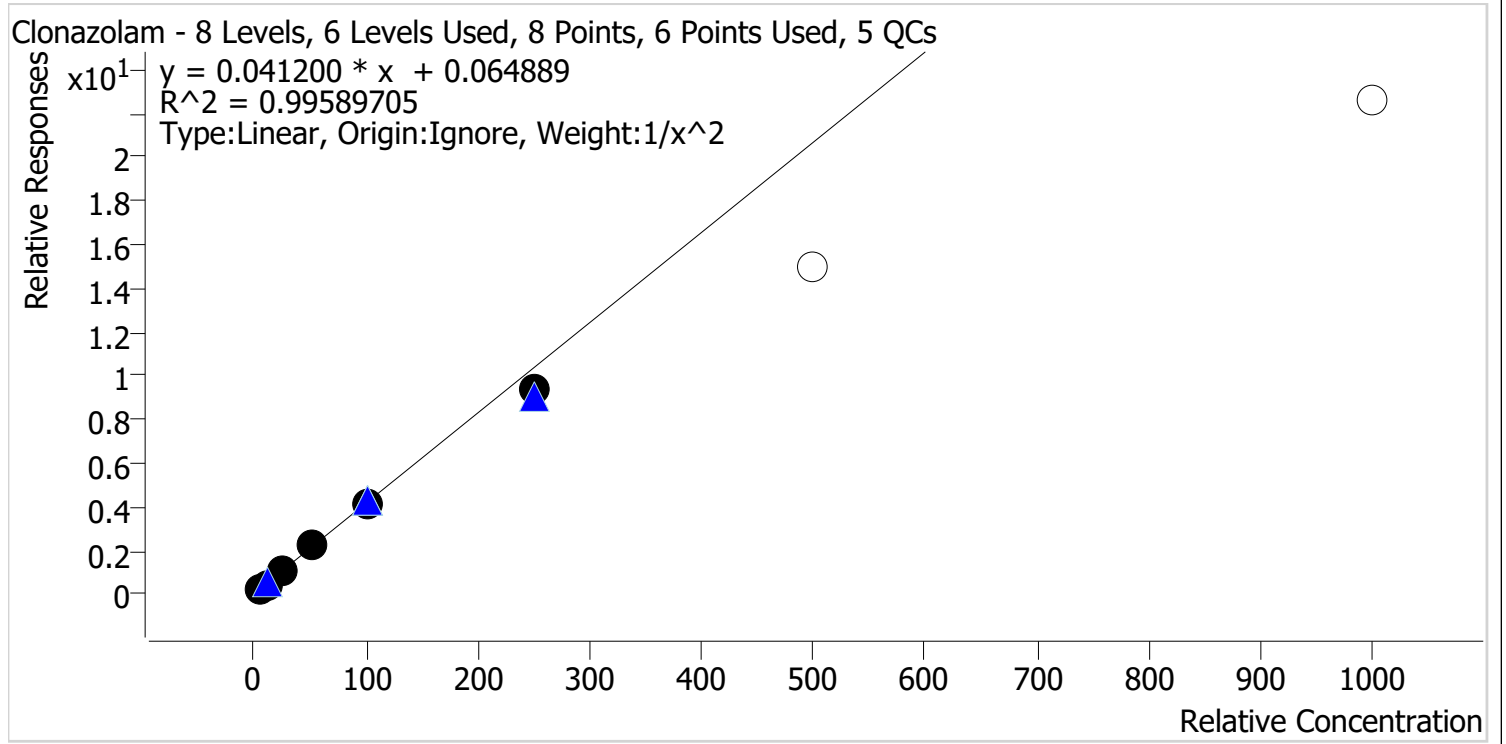


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	492.3	98.5
p1 Cal 8-1000ng	8	✓	1000.0	916.2	91.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



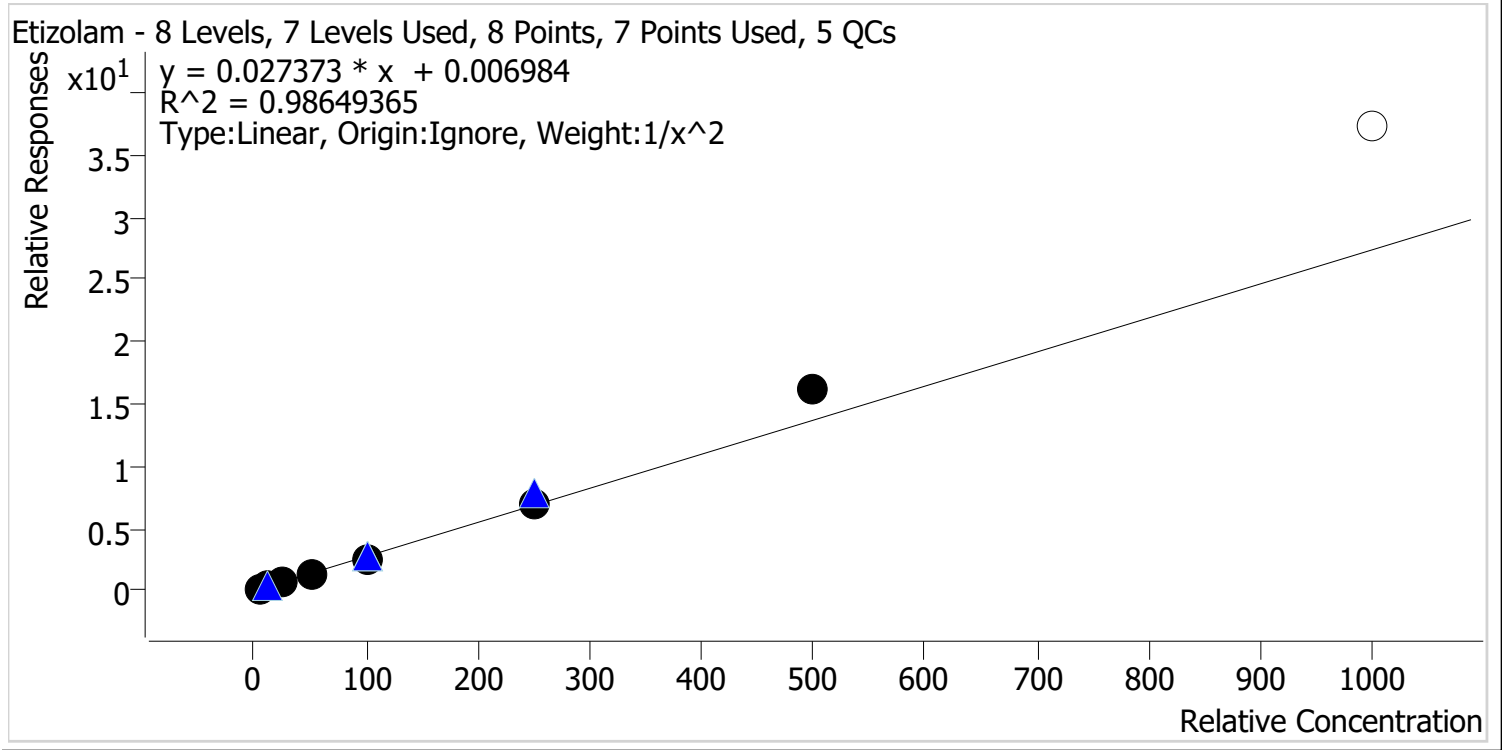
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	227.4	91.0
p1 Cal 7-500ng	7	✗	500.0	361.9	72.4
p1 Cal 8-1000ng	8	✗	1000.0	546.2	54.6

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



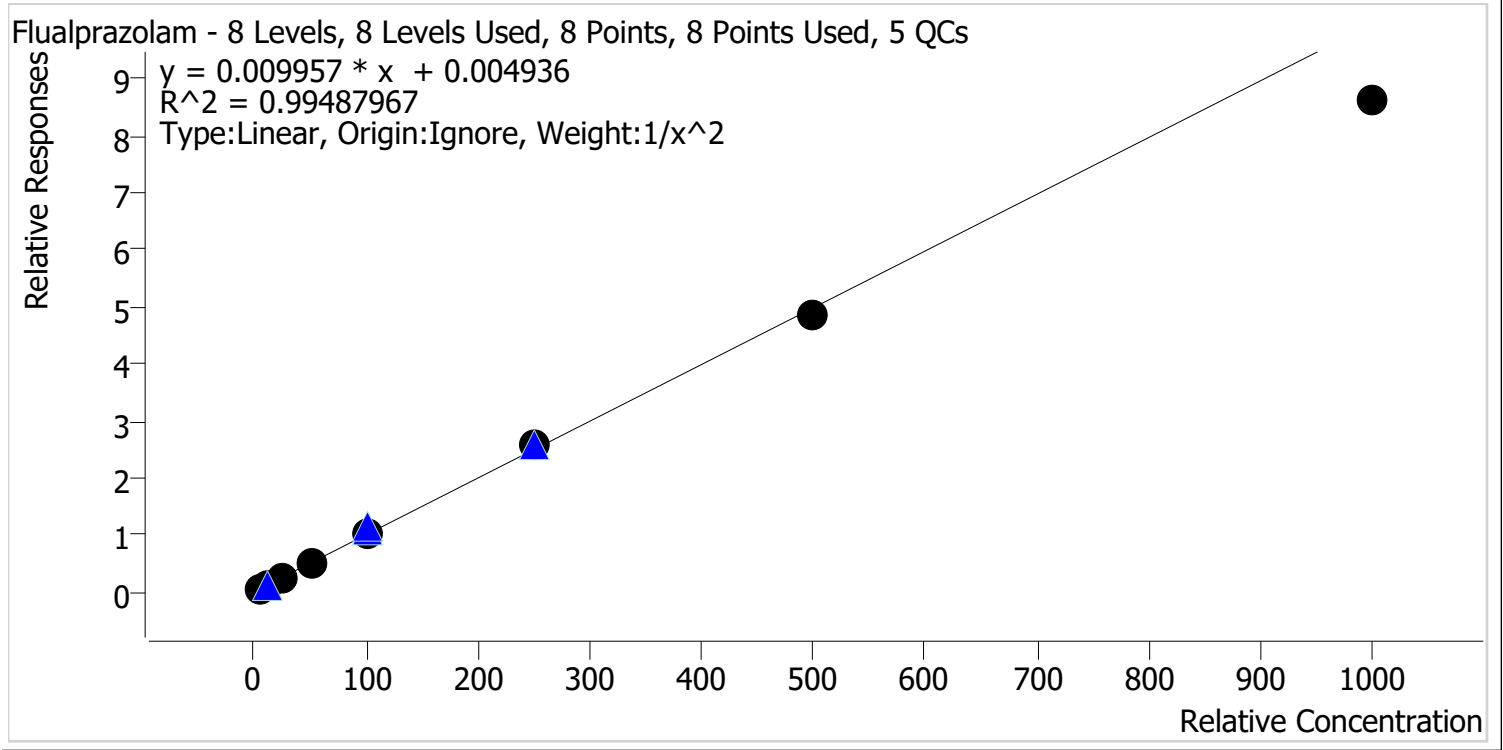
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.7
p1 Cal 2-10ng	2	✓	10.0	9.2	92.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	46.0	92.1
p1 Cal 5-100ng	5	✓	100.0	93.6	93.6
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	595.9	119.2
p1 Cal 8-1000ng	8	✗	1000.0	1360.2	136.0

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

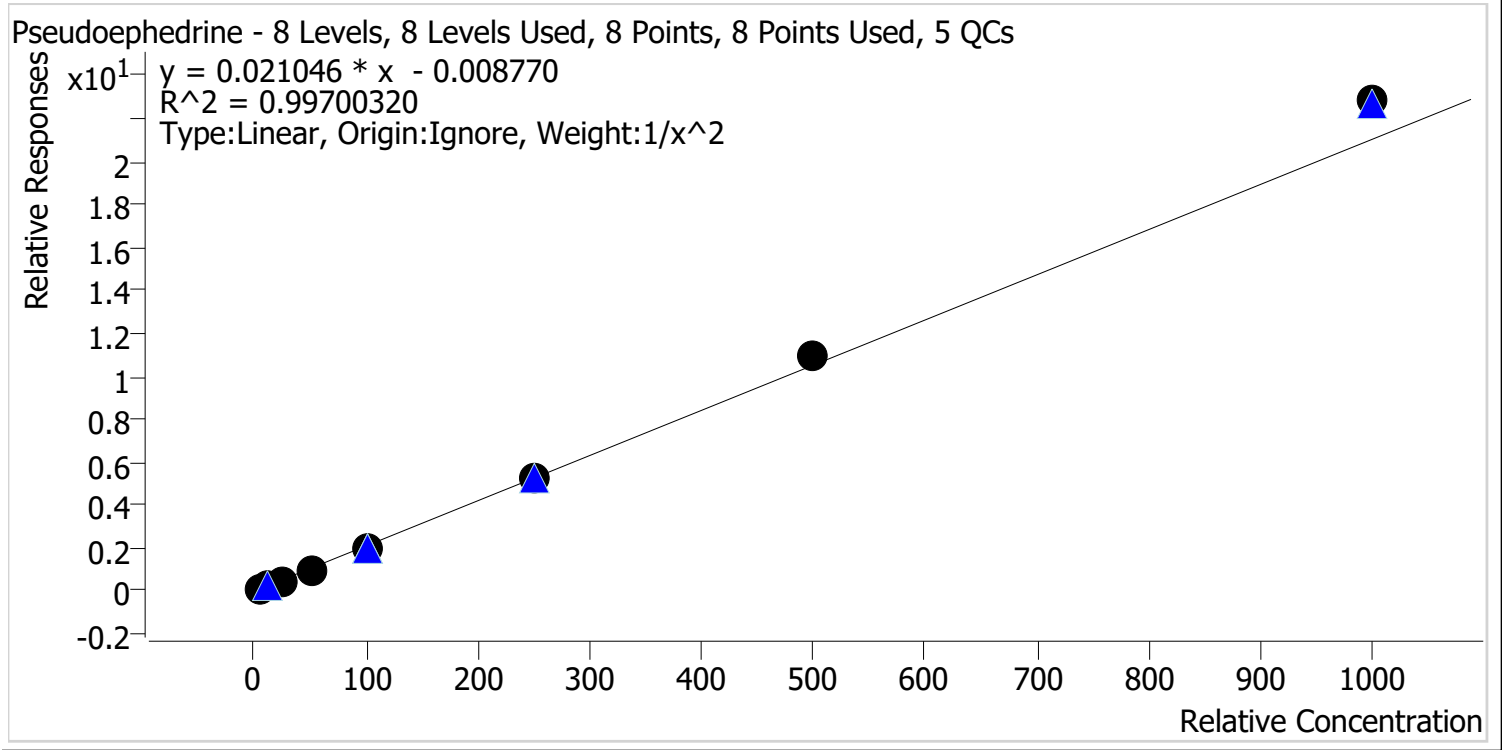


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	487.5	97.5
p1 Cal 8-1000ng	8	✓	1000.0	865.2	86.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

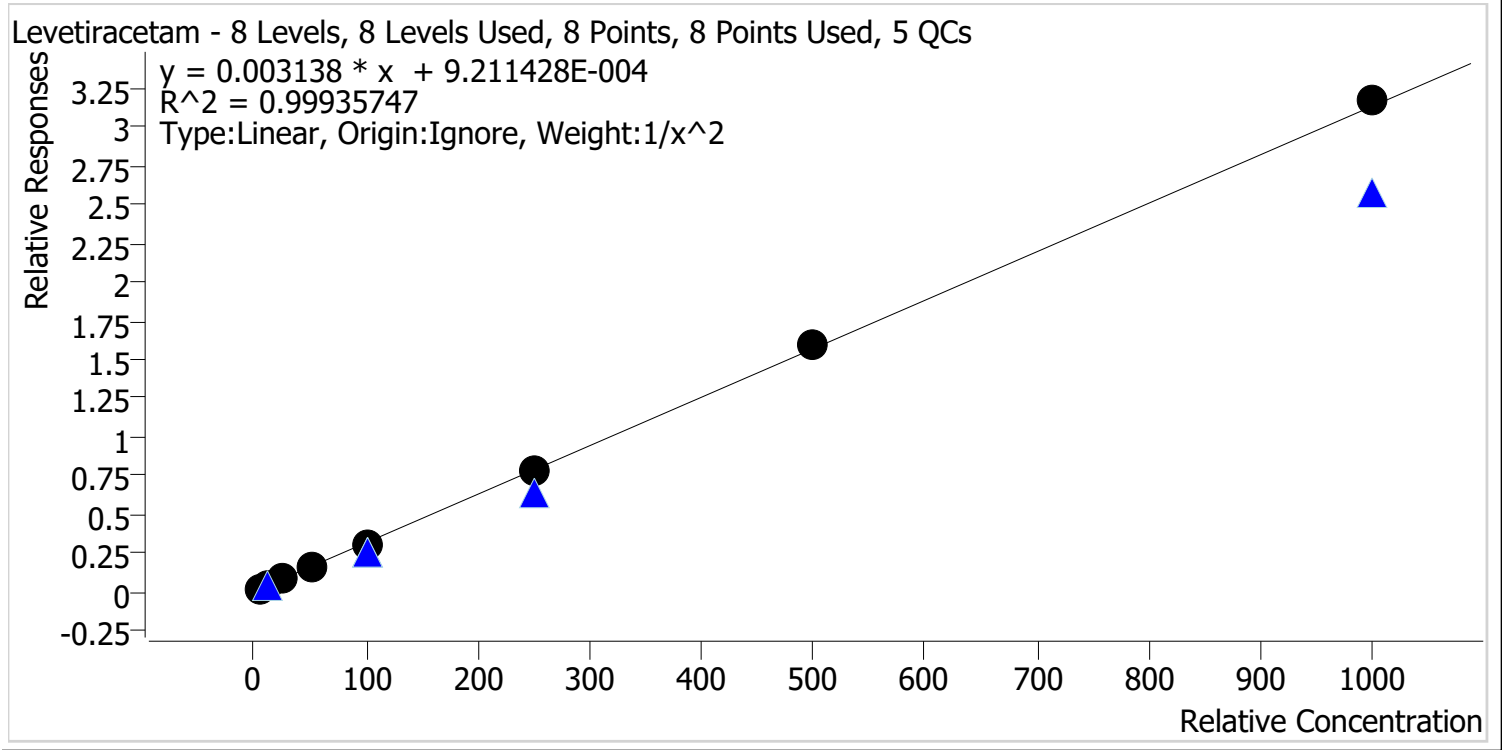


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	521.4	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1085.7	108.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

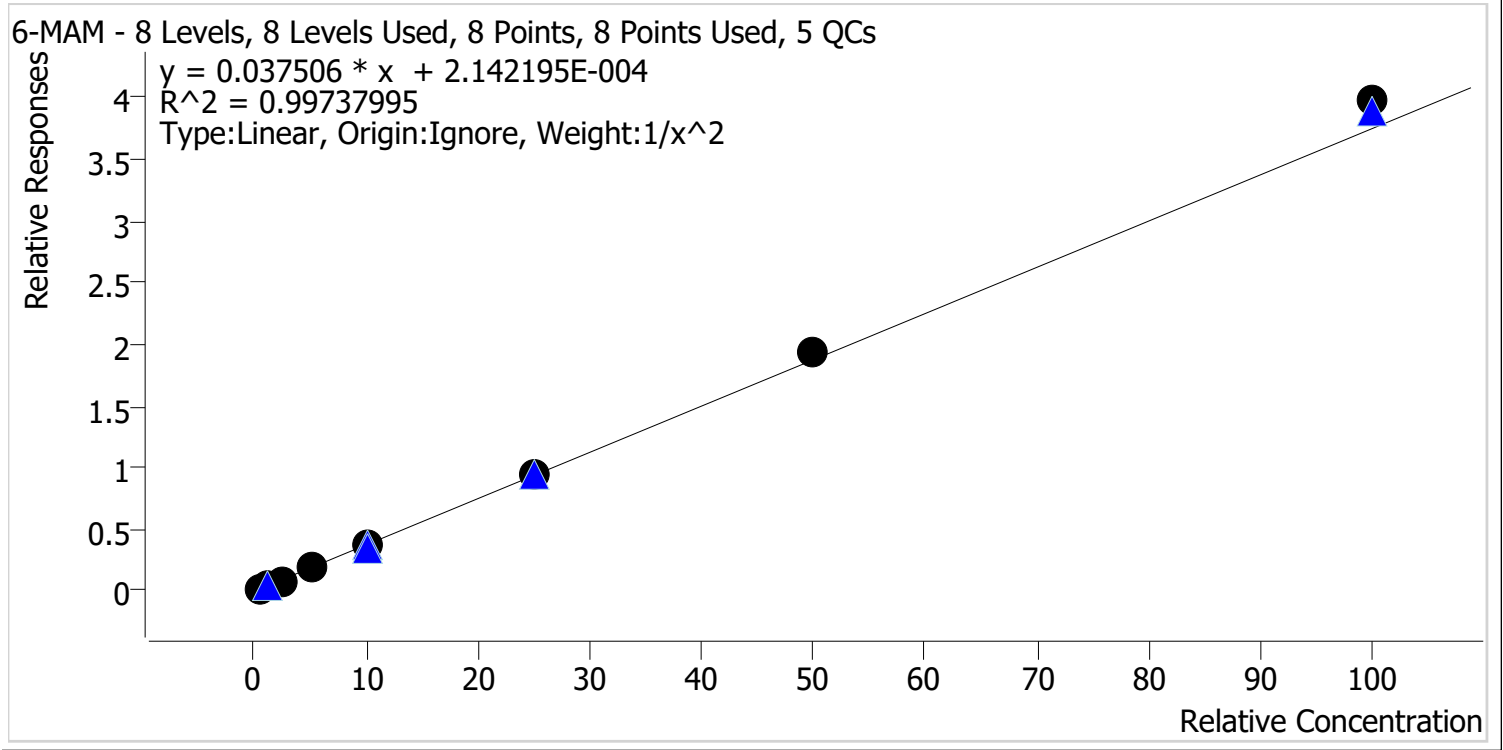


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	511.8	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1011.8	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

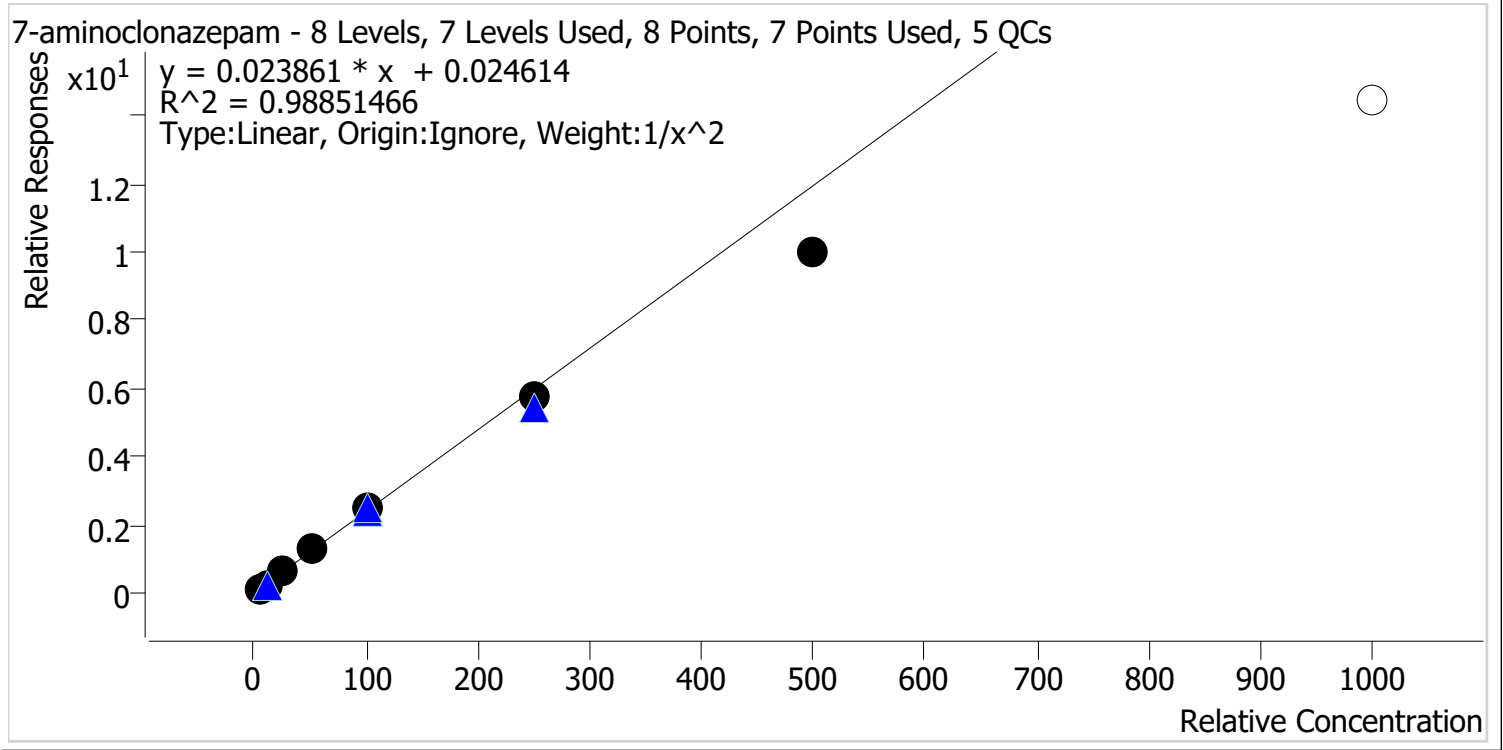


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.7
p1 Cal 2-10ng	2	✓	1.0	1.0	95.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.8
p1 Cal 4-50ng	4	✓	5.0	5.0	99.3
p1 Cal 5-100ng	5	✓	10.0	9.8	97.7
p1 Cal 6-250ng	6	✓	25.0	25.5	102.0
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	106.1	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	240.0	96.0
p1 Cal 7-500ng	7	✓	500.0	416.6	83.3
p1 Cal 8-1000ng	8	✗	1000.0	604.3	60.4

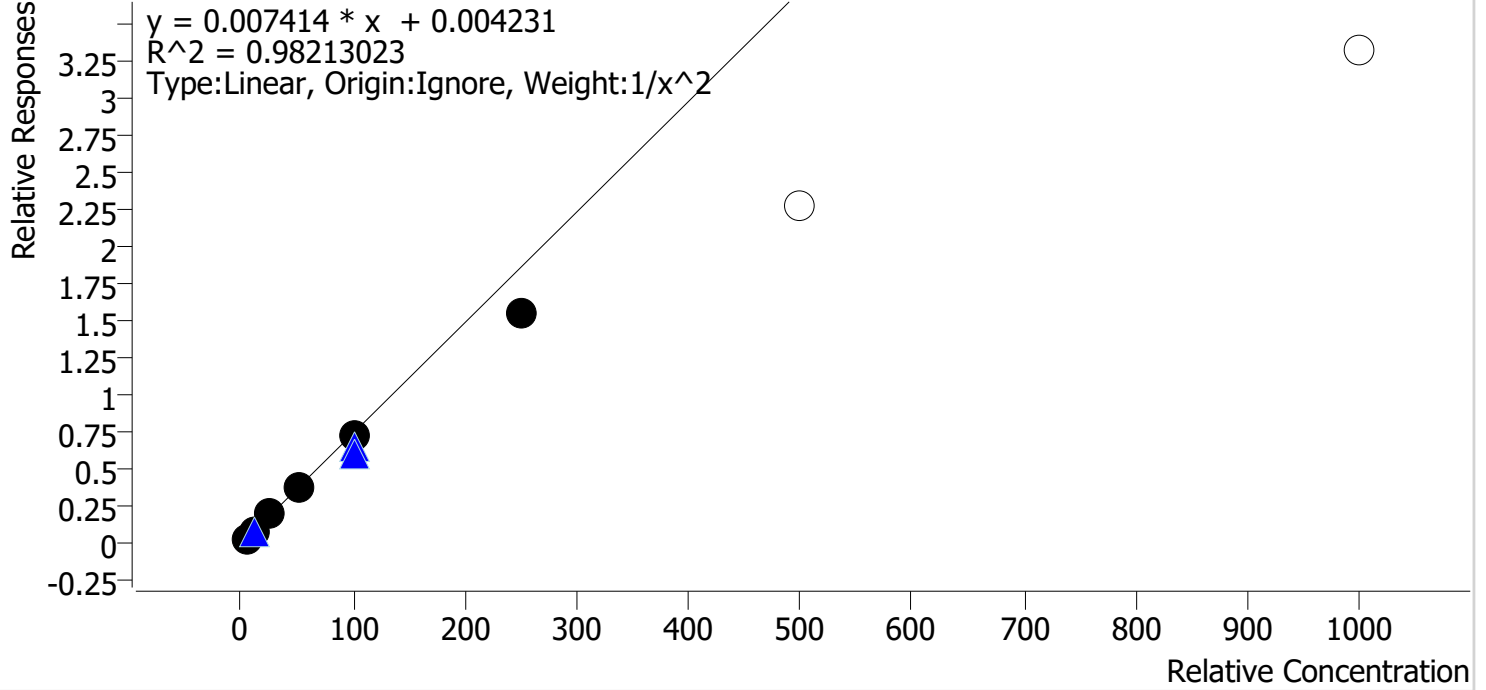
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



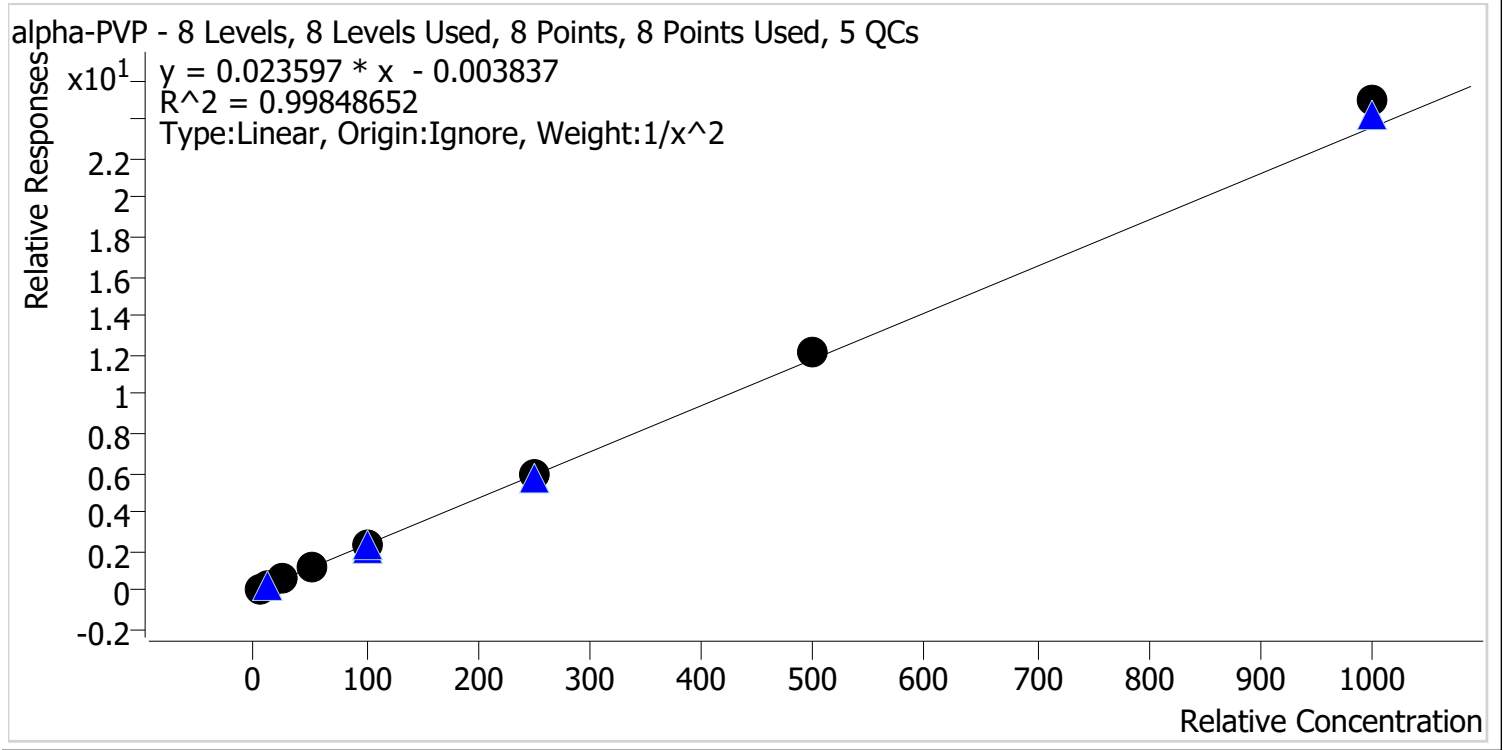
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	91.7
p1 Cal 2-10ng	2	✓	10.0	11.3	113.1
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	209.6	83.8
p1 Cal 7-500ng	7	x	500.0	304.9	61.0
p1 Cal 8-1000ng	8	x	1000.0	445.9	44.6

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

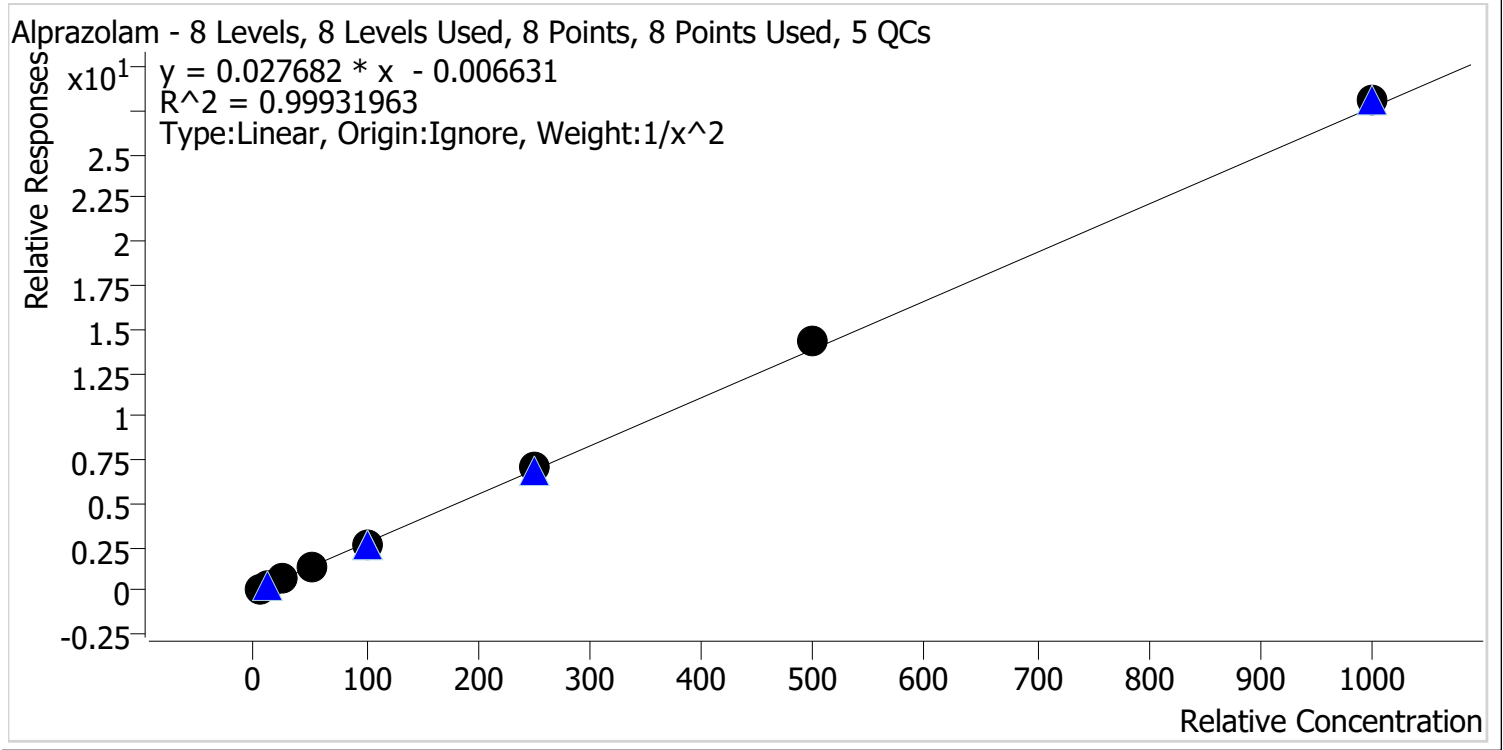


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	517.7	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1057.7	105.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

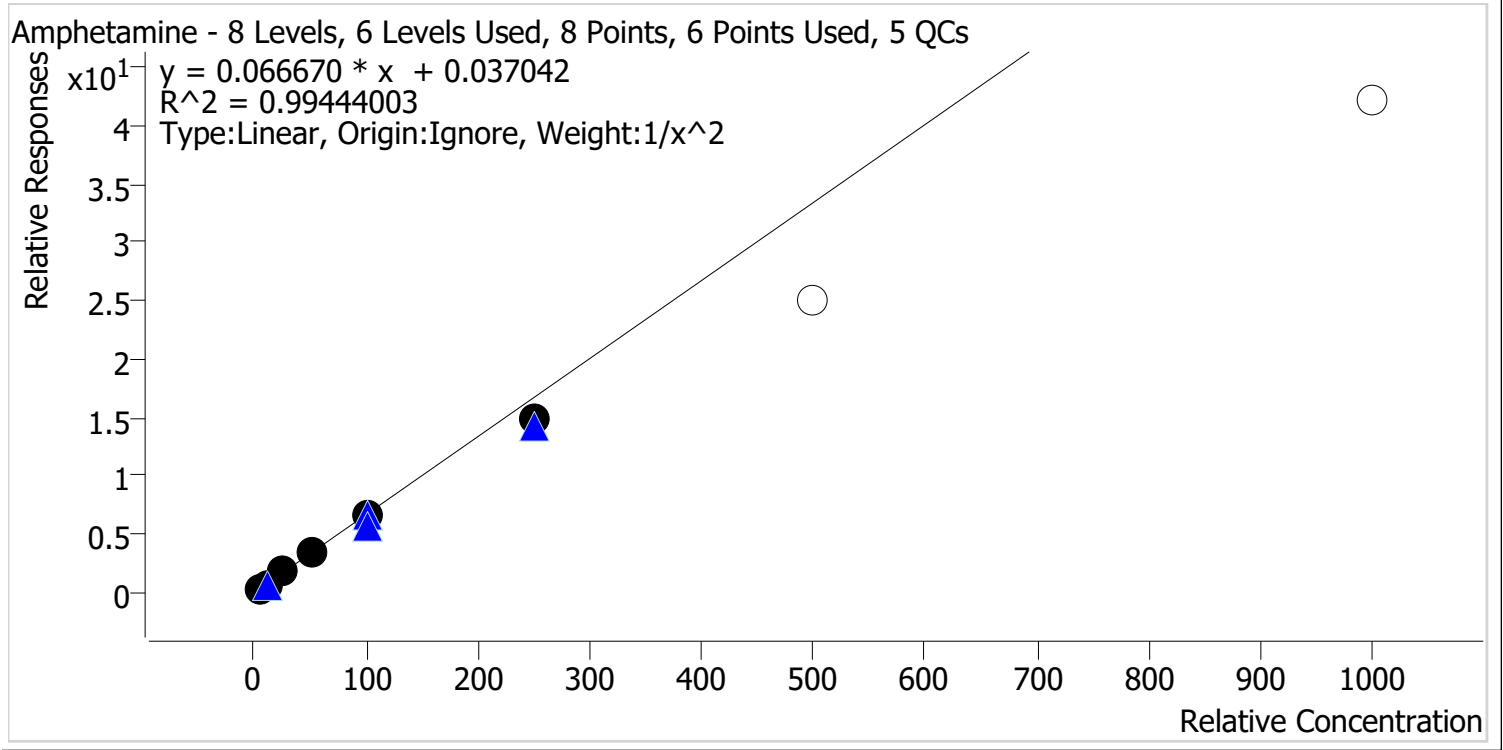


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	516.7	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1012.7	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



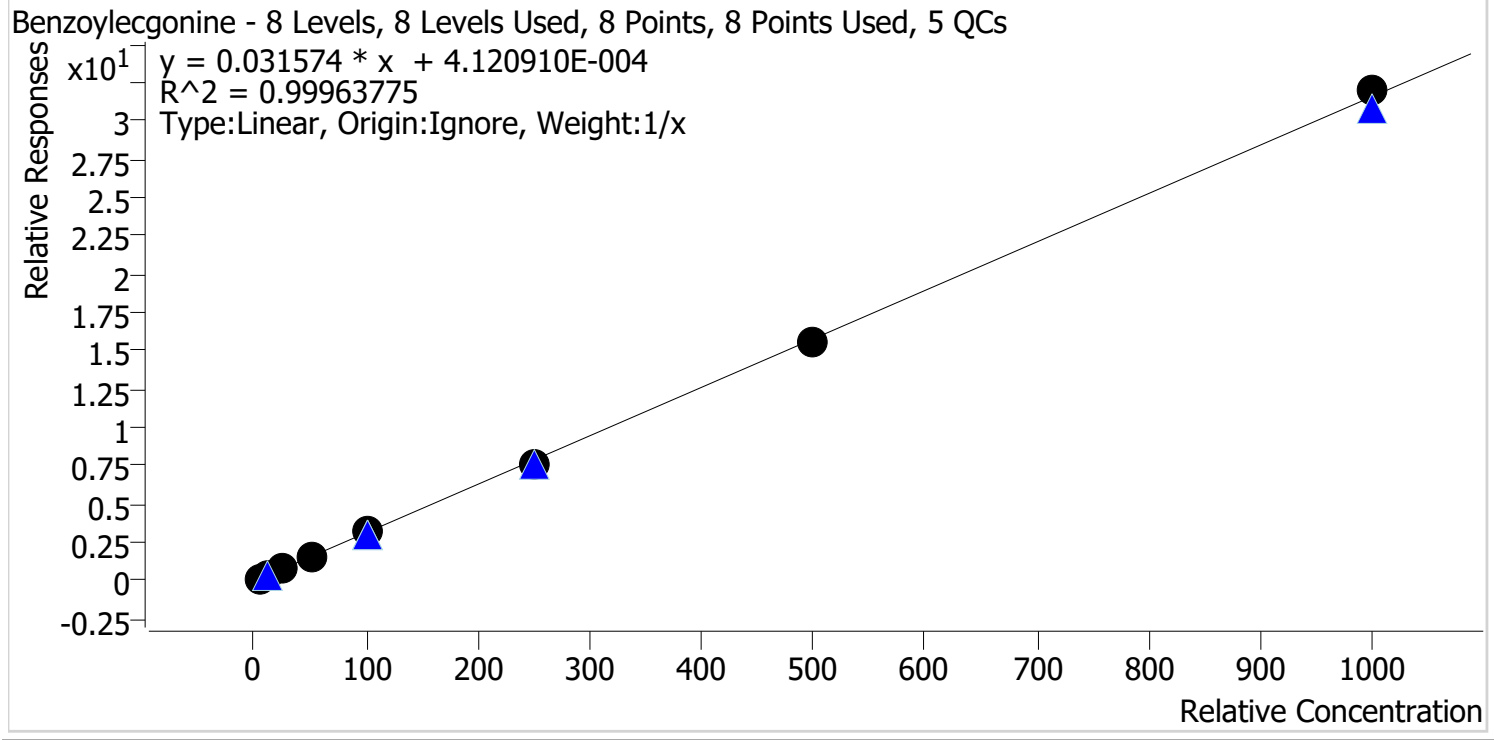
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	224.2	89.7
p1 Cal 7-500ng	7	x	500.0	376.5	75.3
p1 Cal 8-1000ng	8	x	1000.0	630.7	63.1

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

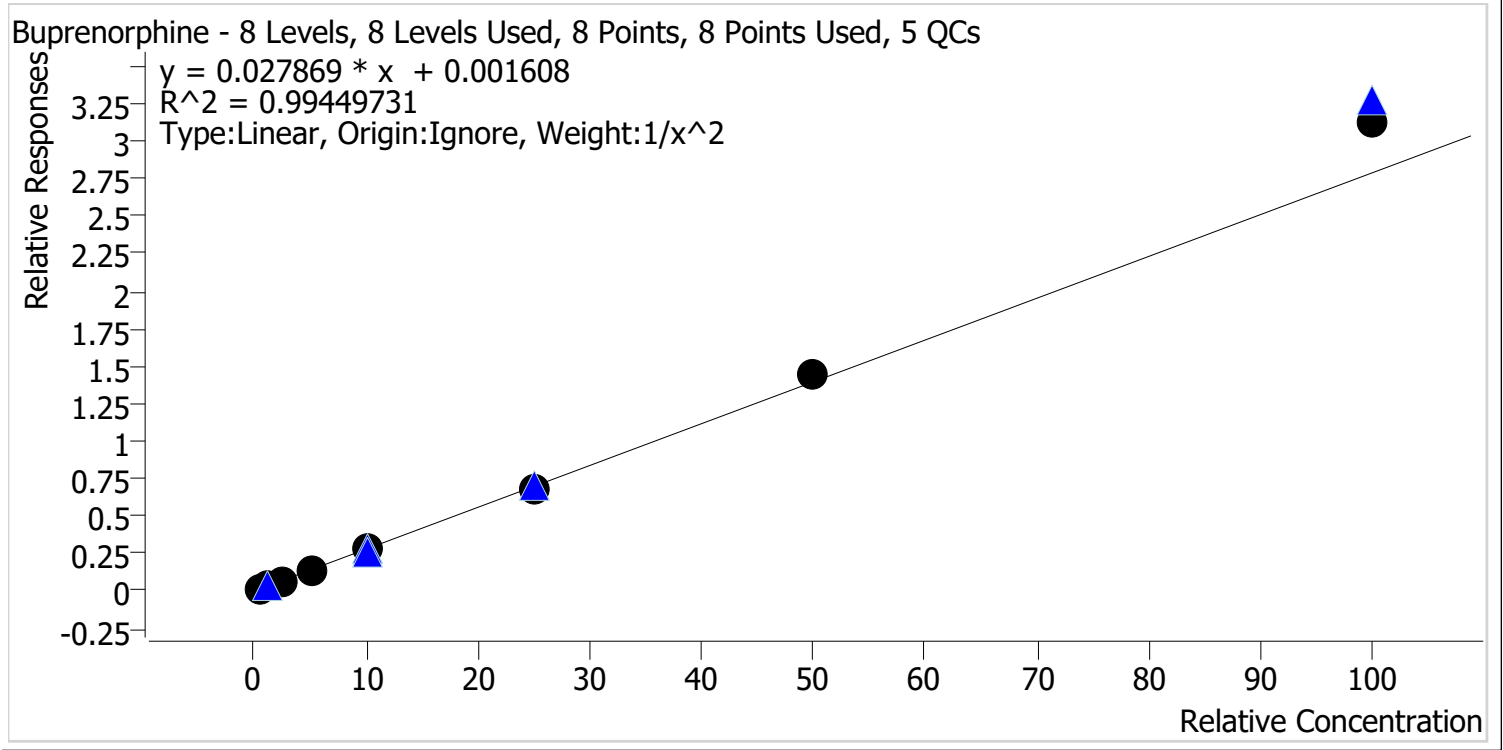


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	11.1	111.2
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	243.9	97.5
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	1012.4	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

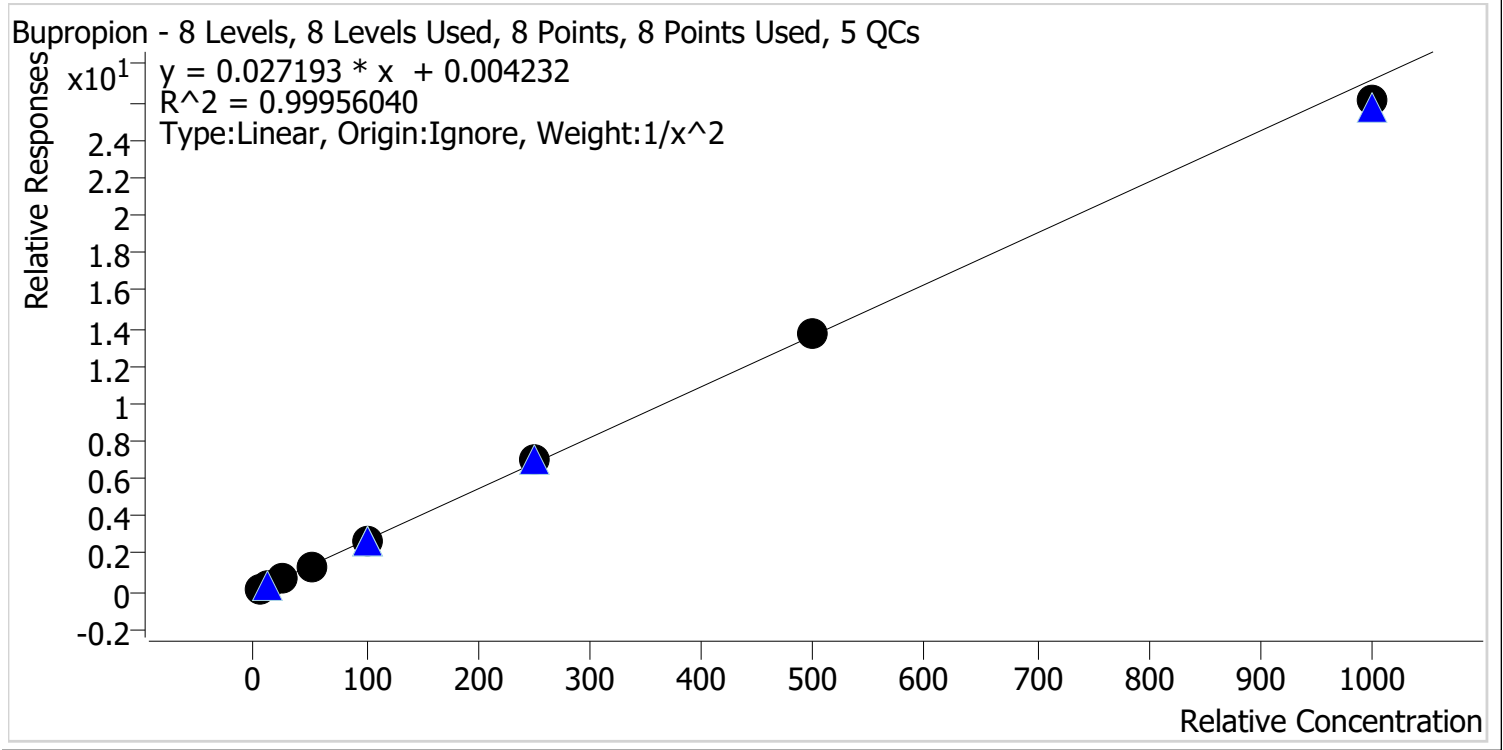


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.3
p1 Cal 2-10ng	2	✓	1.0	0.9	93.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.8
p1 Cal 4-50ng	4	✓	5.0	4.8	96.9
p1 Cal 5-100ng	5	✓	10.0	9.8	98.2
p1 Cal 6-250ng	6	✓	25.0	24.7	98.7
p1 Cal 7-500ng	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng	8	✓	100.0	111.7	111.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

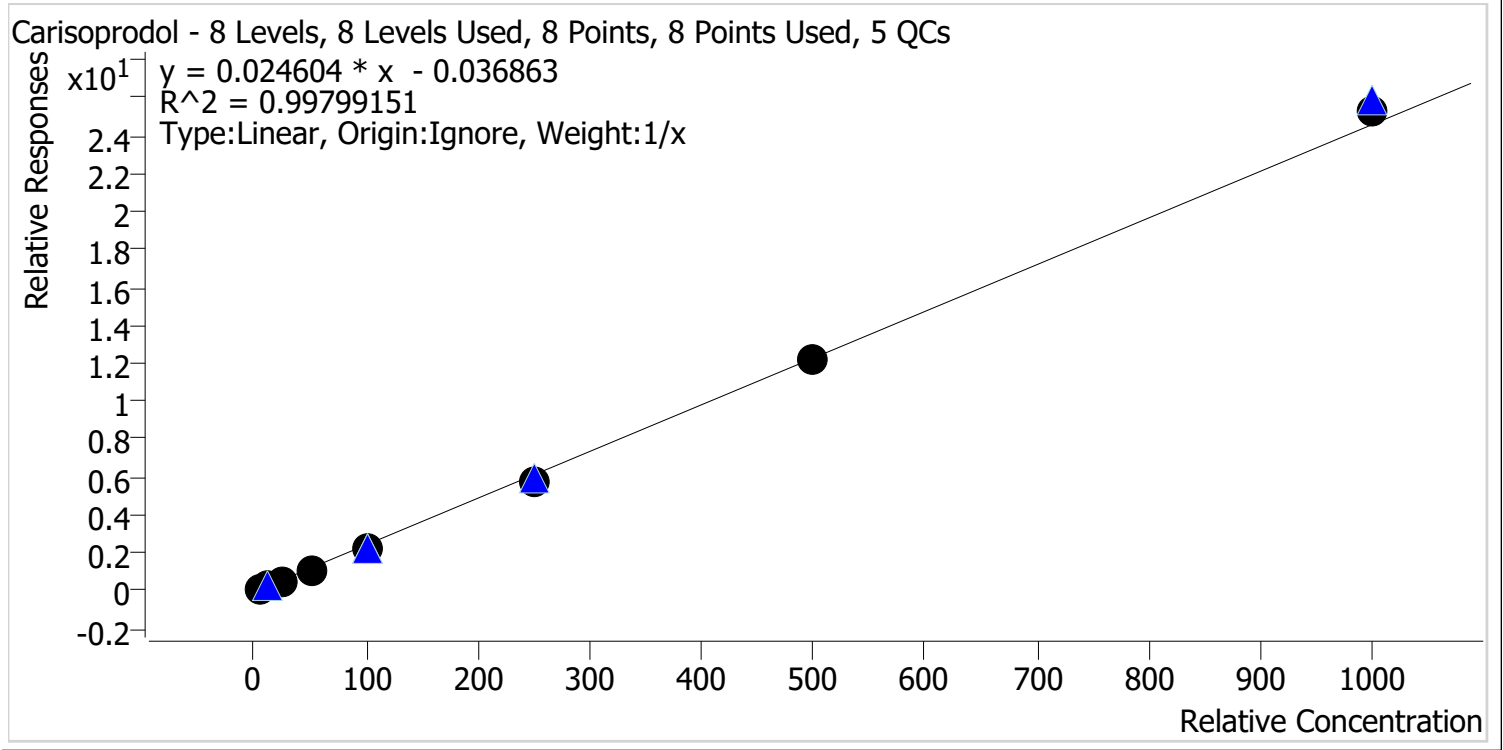


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	959.2	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

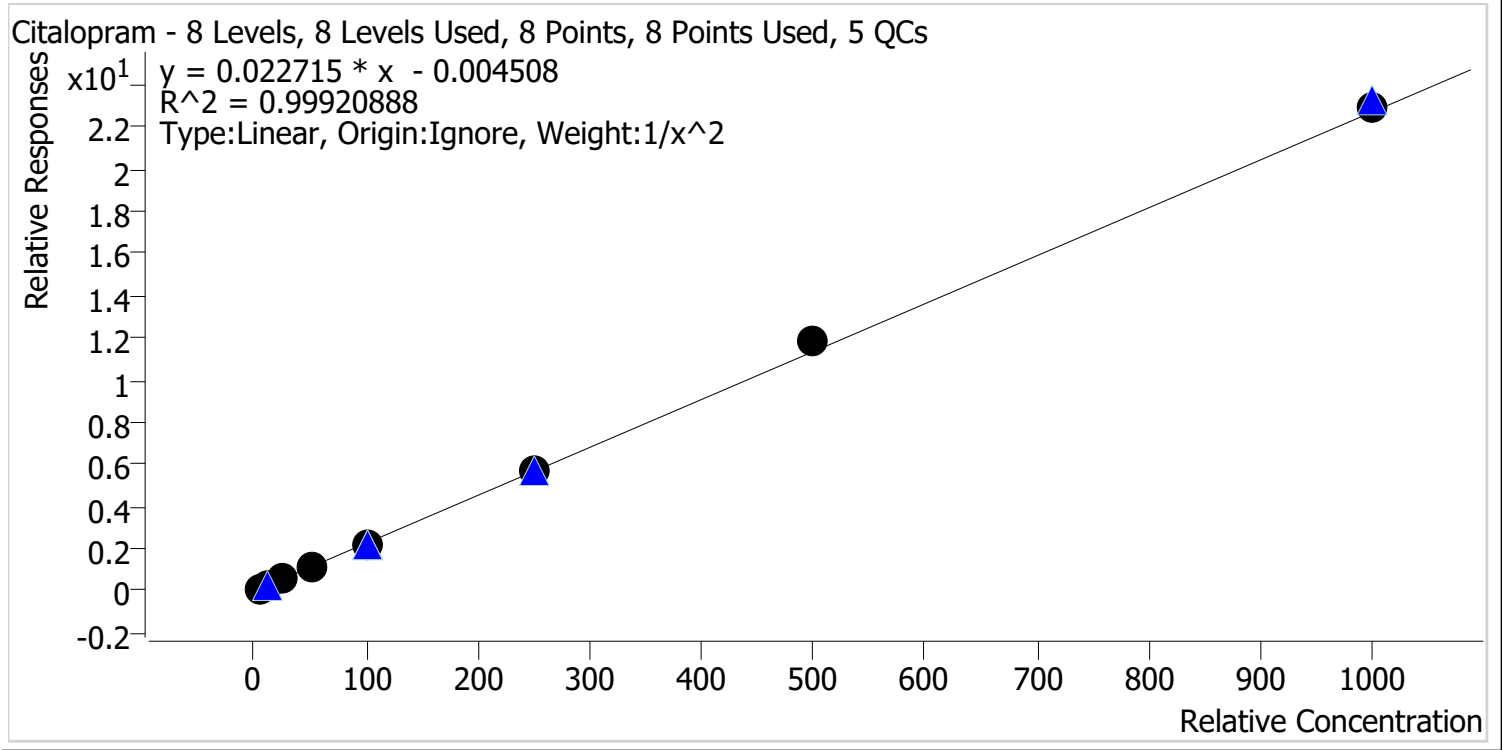


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.1	121.7
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	89.4	89.4
p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1030.0	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

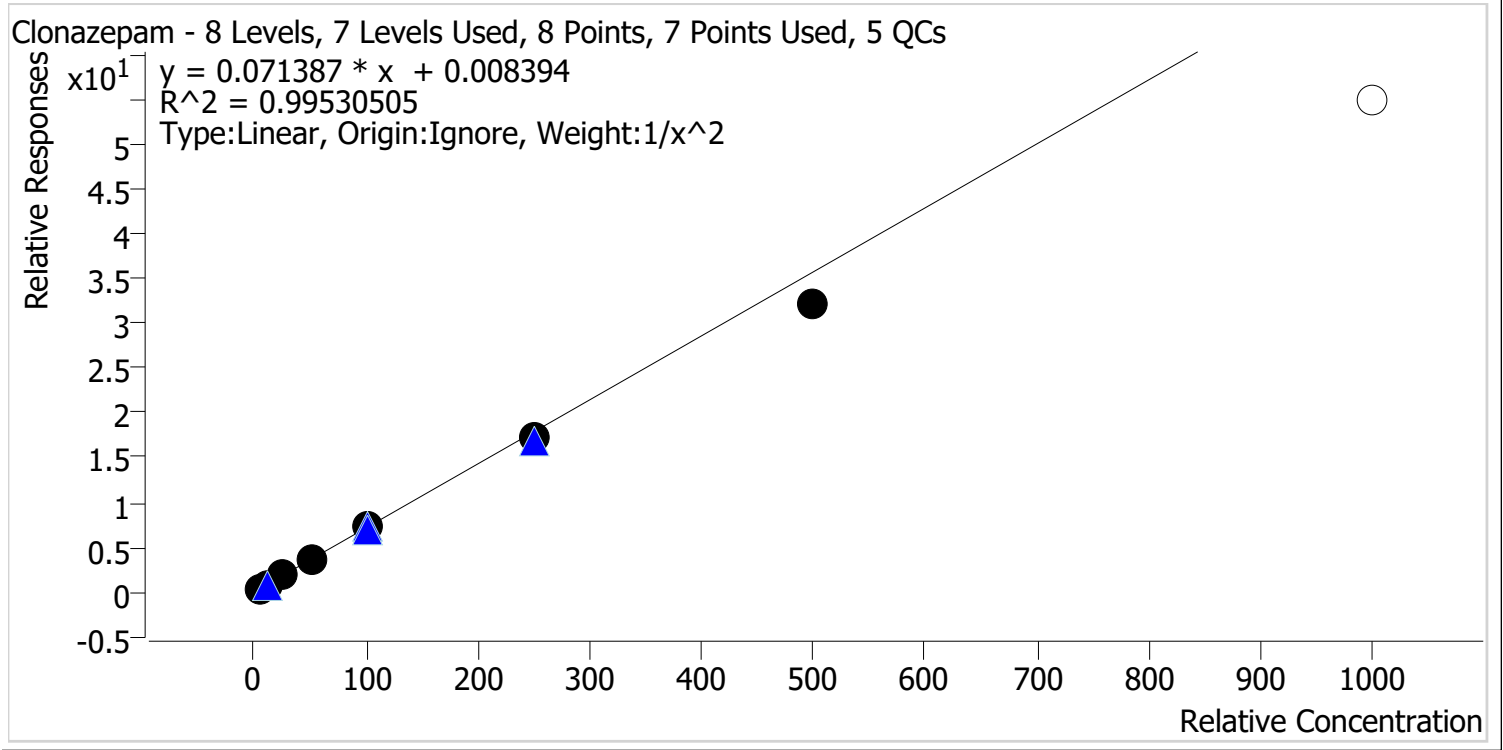


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	521.1	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1007.9	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



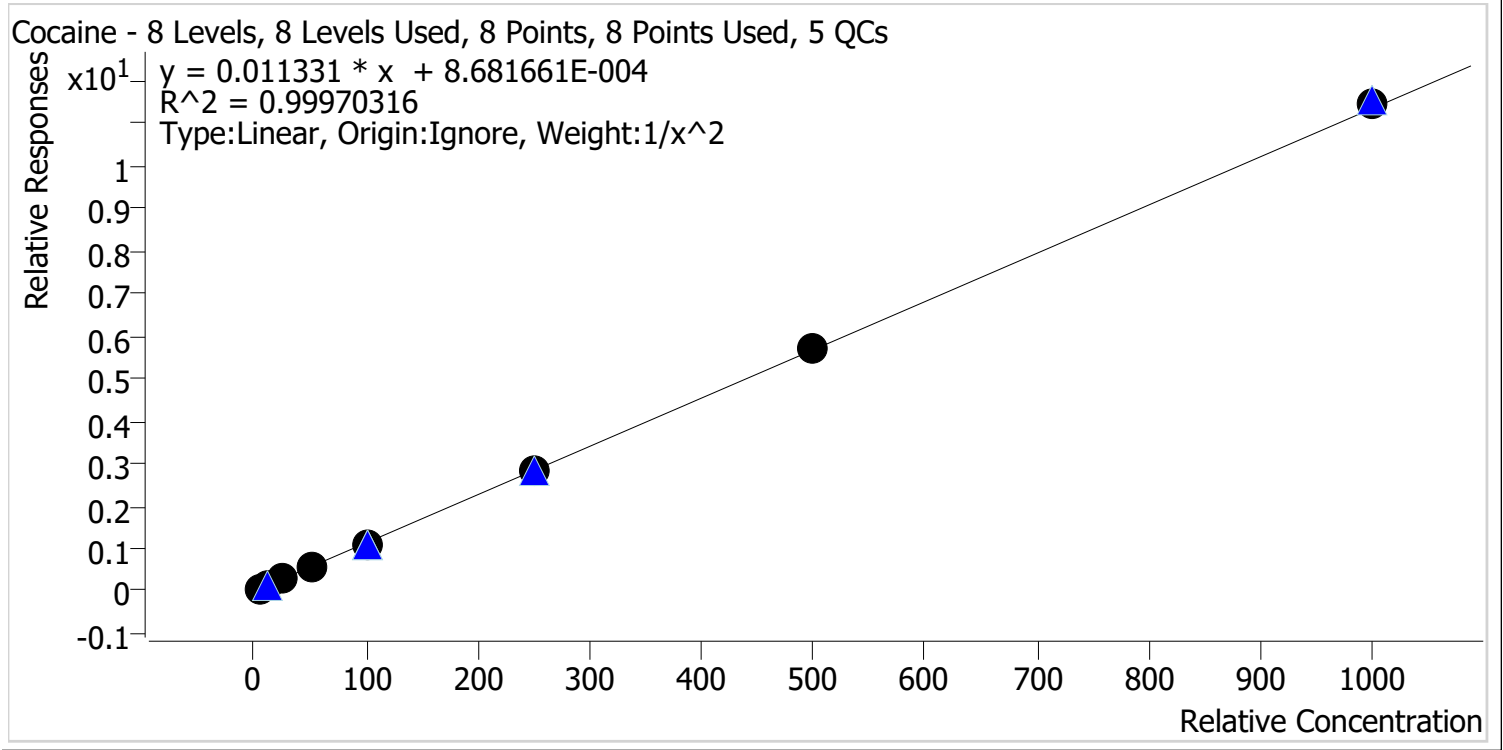
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.0
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	450.4	90.1
p1 Cal 8-1000ng	8	✗	1000.0	767.7	76.8

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

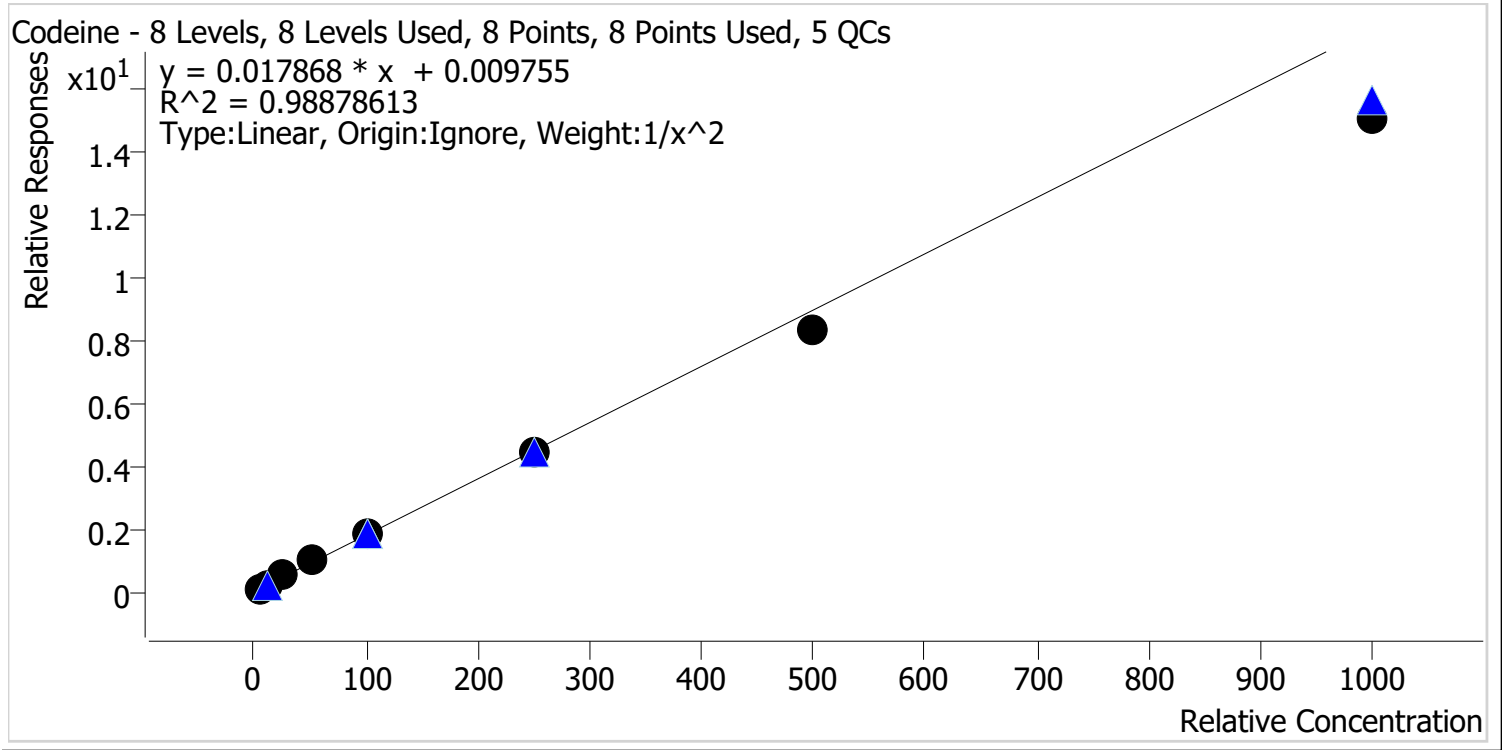


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	505.9	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1012.4	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

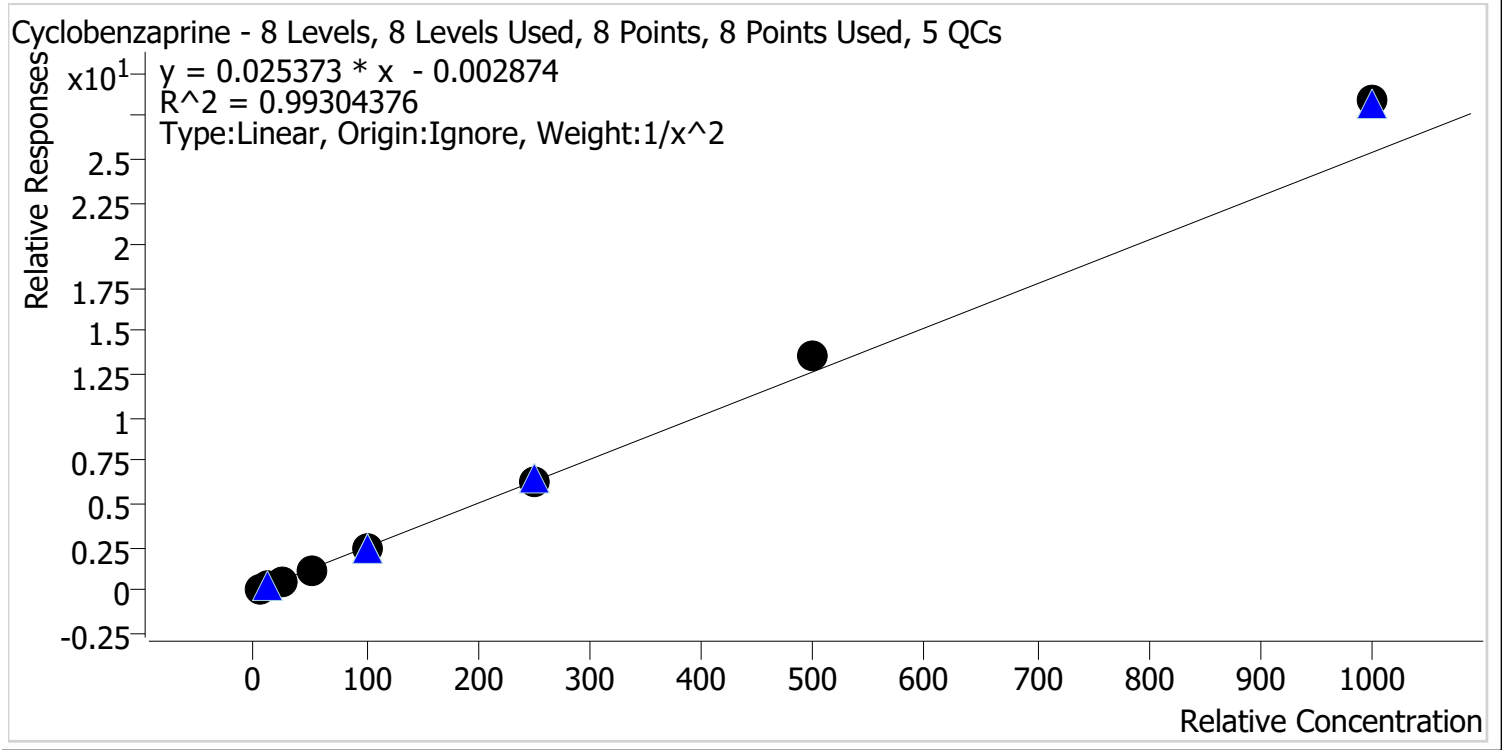


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	56.2	112.3
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	464.3	92.9
p1 Cal 8-1000ng	8	✓	1000.0	839.5	83.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

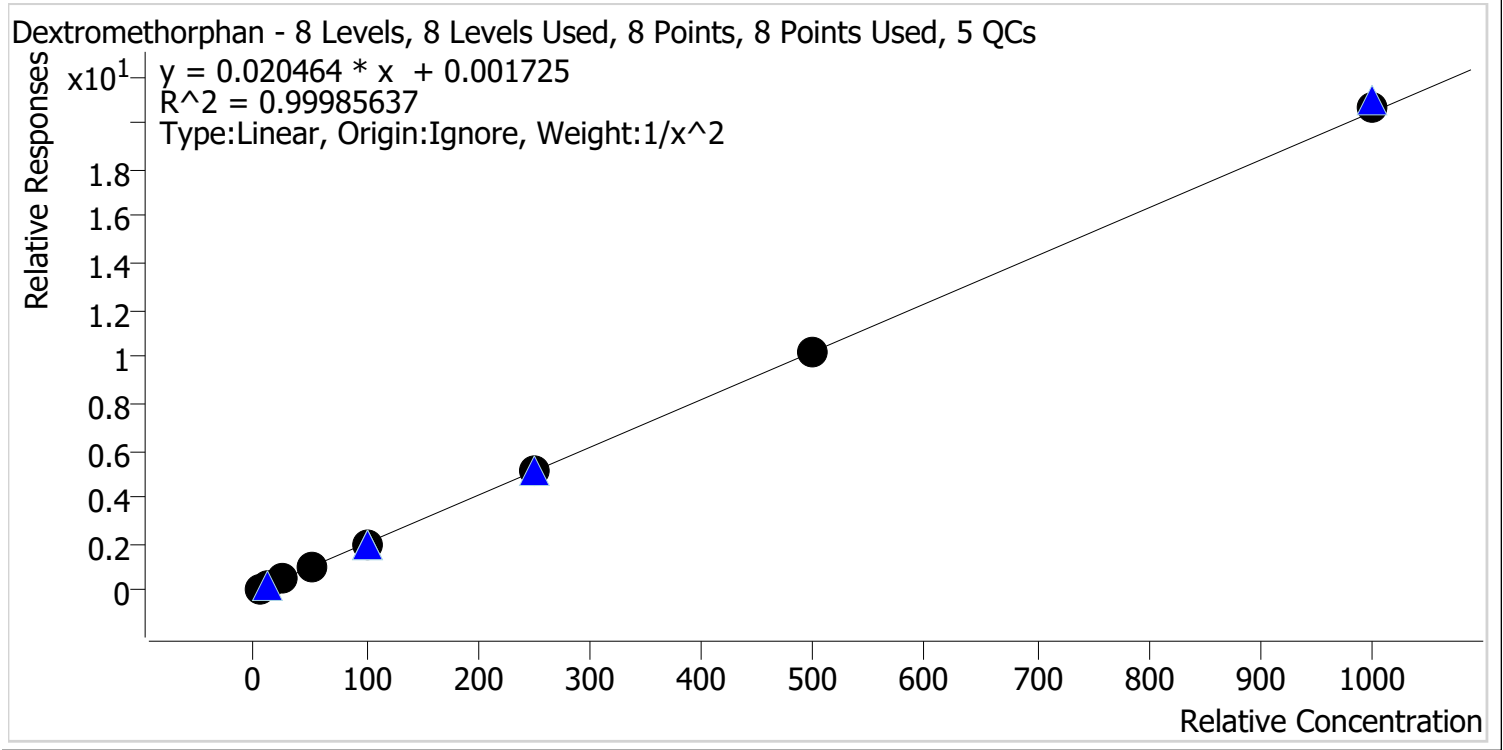


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.3
p1 Cal 4-50ng	4	✓	50.0	46.5	92.9
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	533.5	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1117.9	111.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

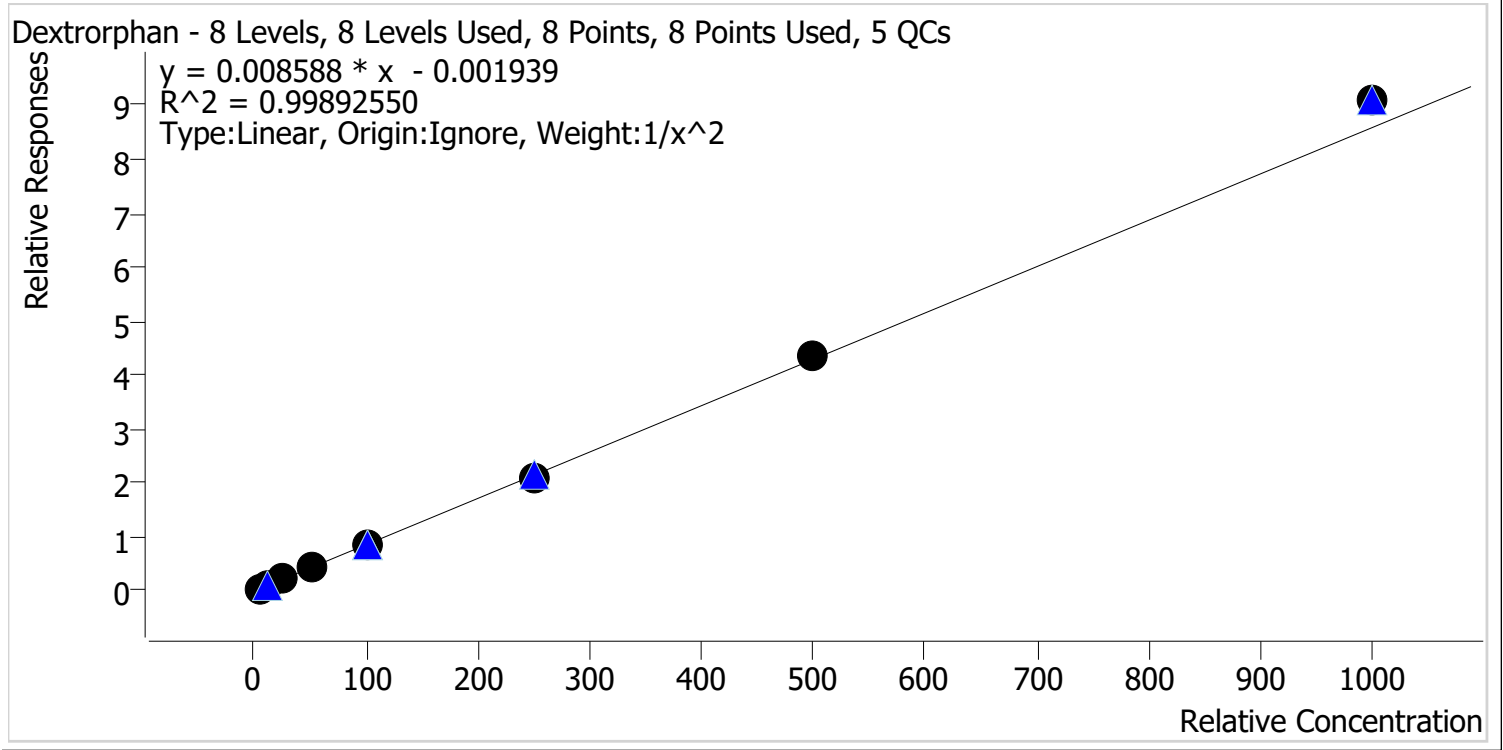


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	501.0	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1010.4	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



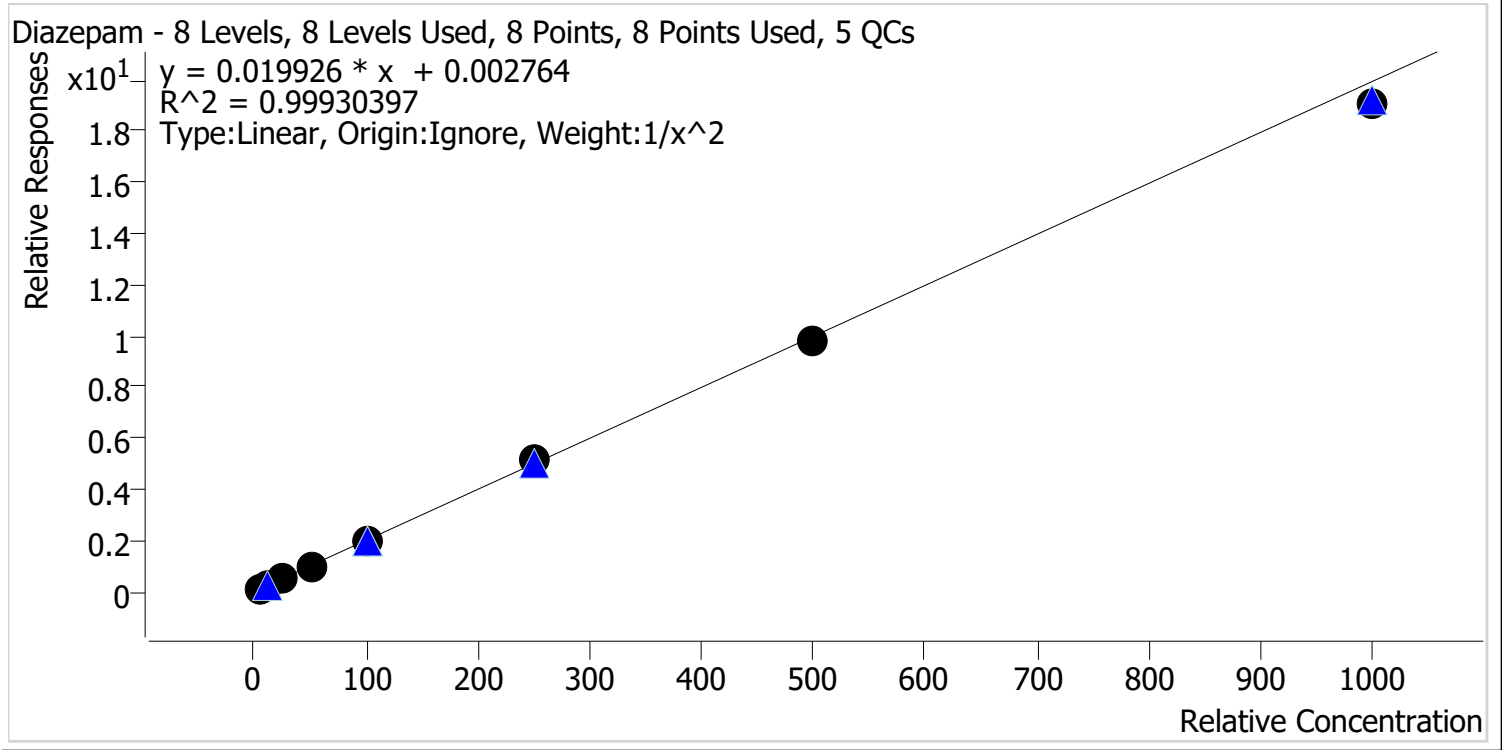
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1056.9	105.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

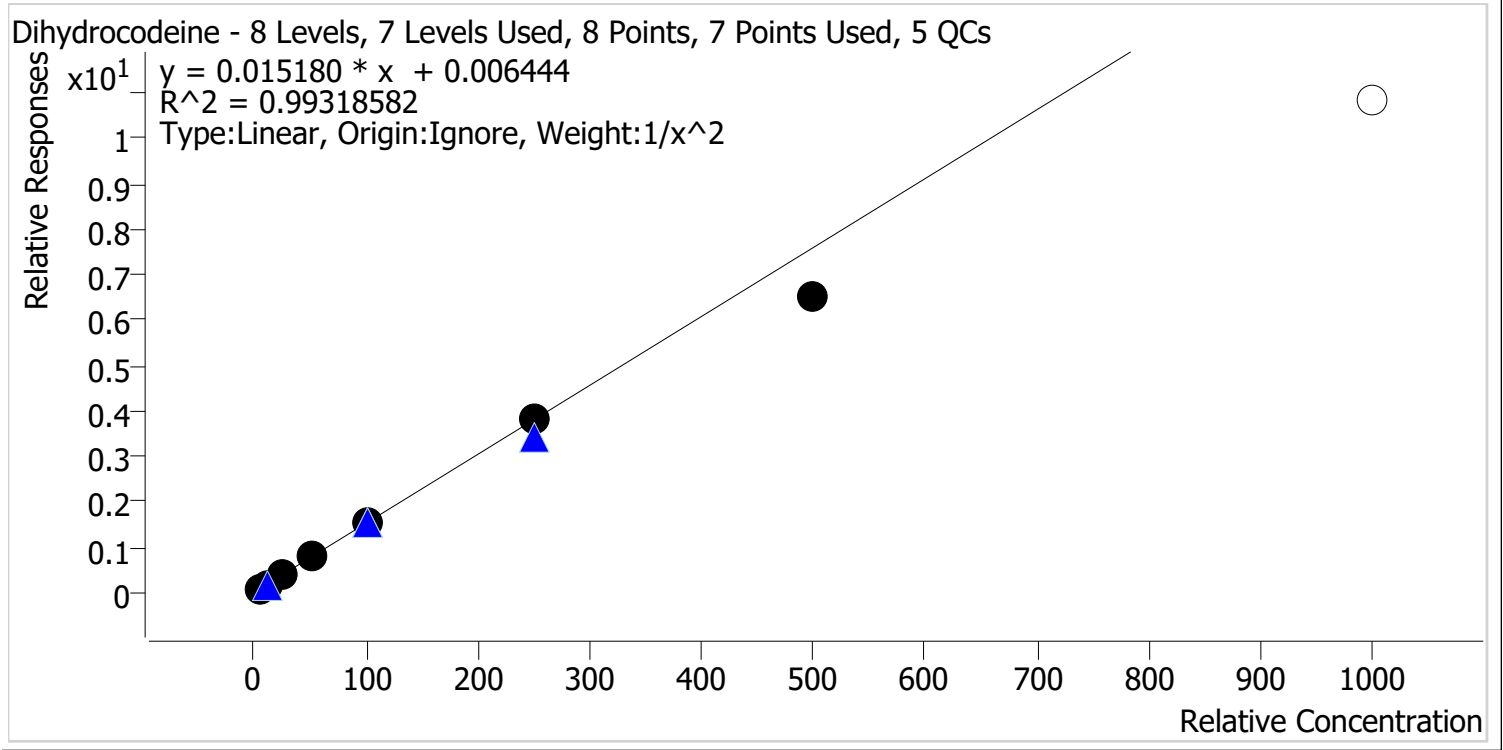


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	957.7	95.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	431.1	86.2
p1 Cal 8-1000ng	8	✗	1000.0	713.3	71.3

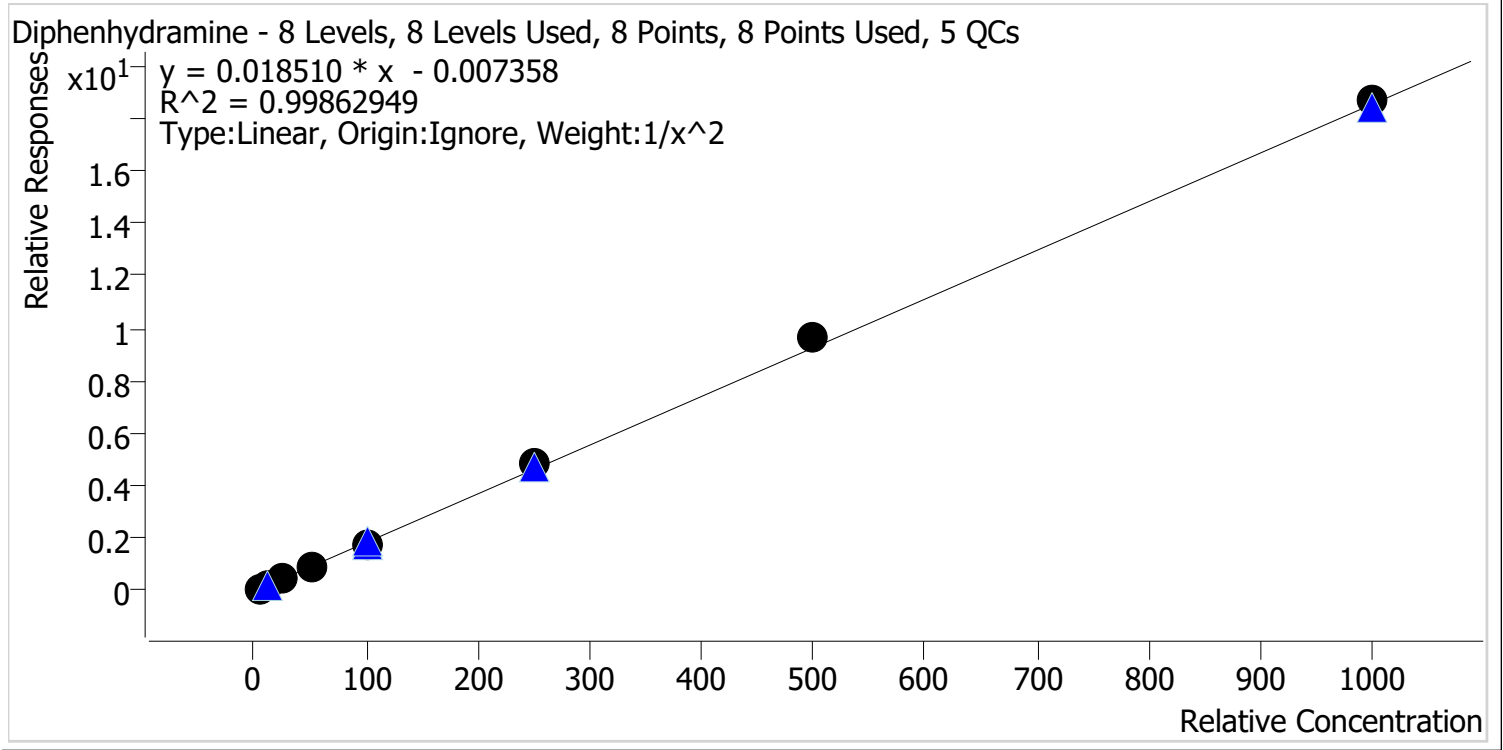
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

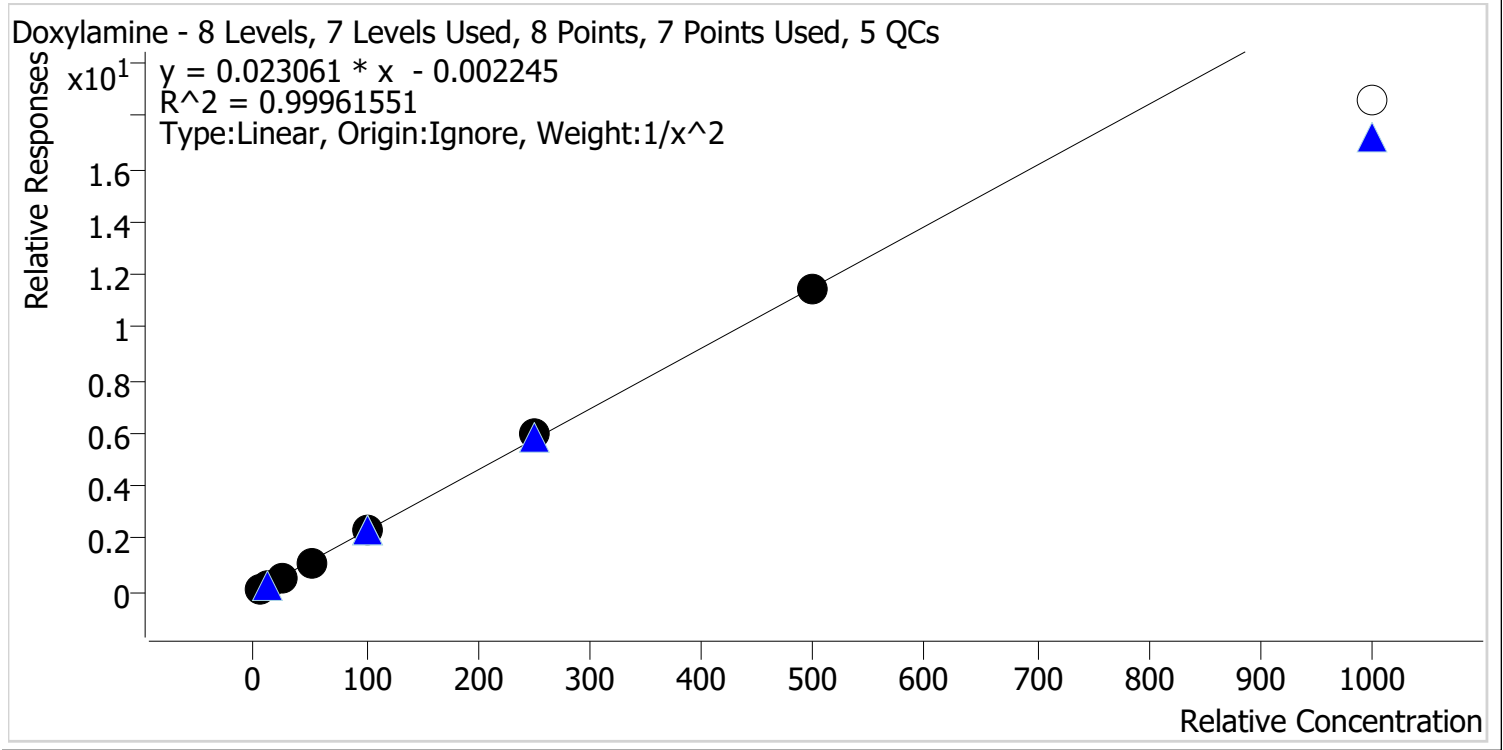


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	519.7	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.7	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



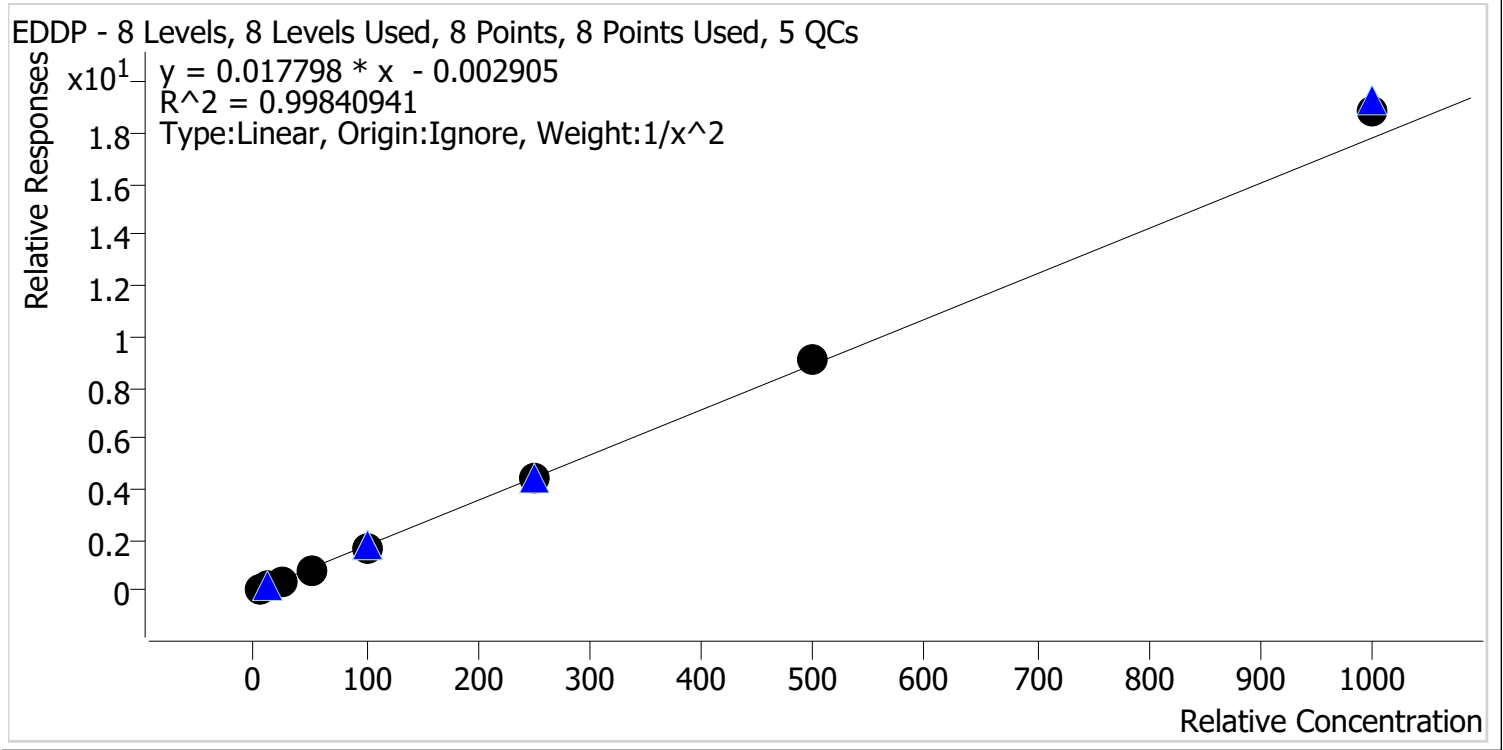
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.7
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	496.0	99.2
p1 Cal 8-1000ng	8	✗	1000.0	806.4	80.6

Calibrator 8 dropped due to QC not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

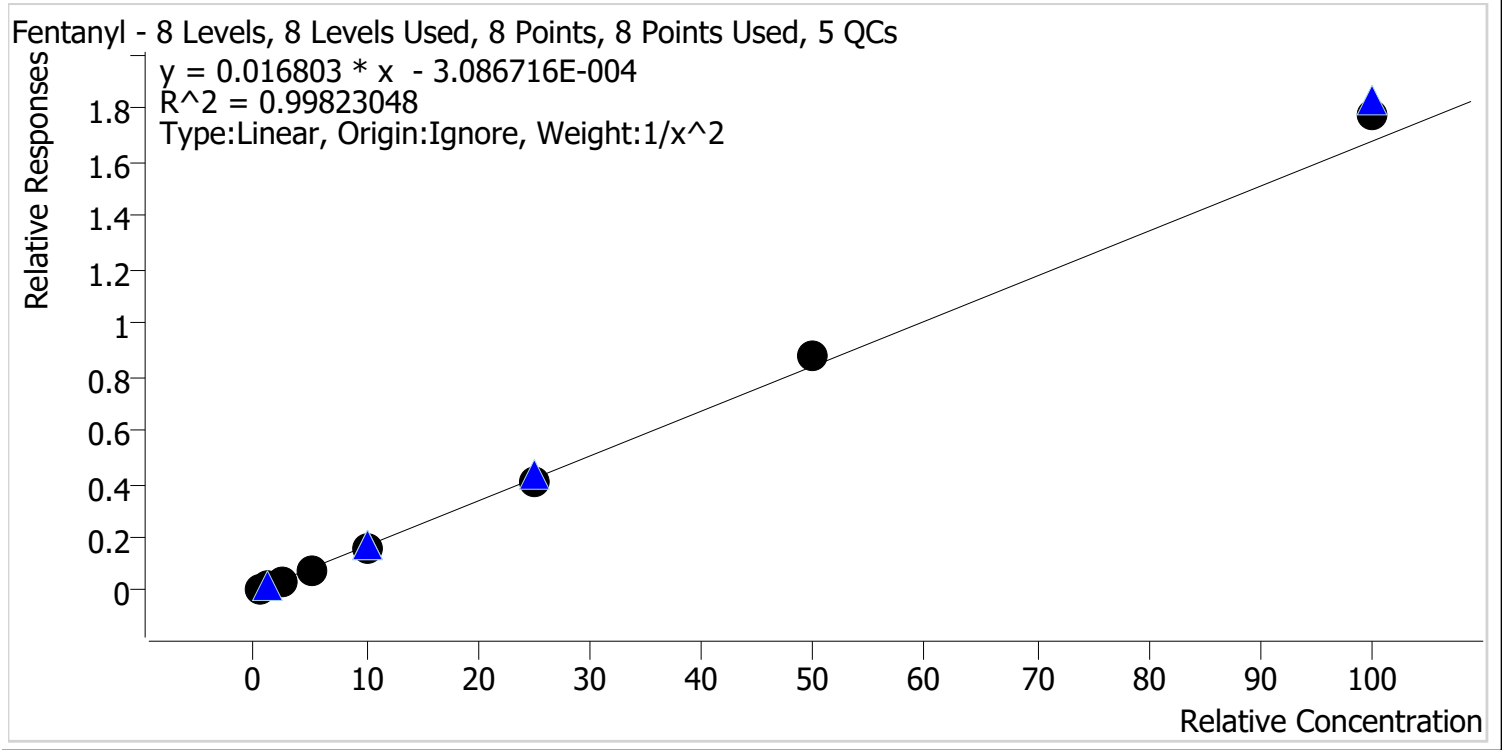


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	514.5	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1056.9	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

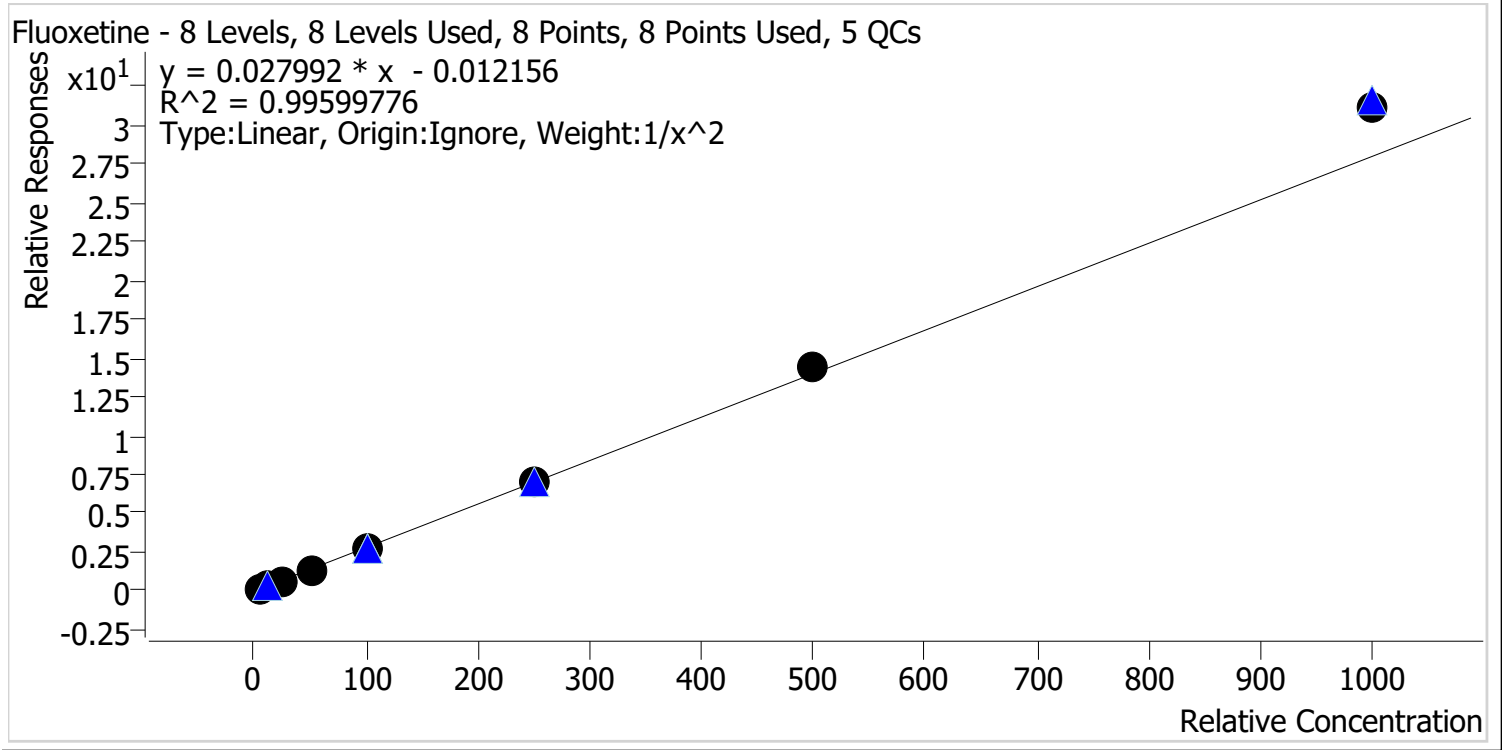


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.4
p1 Cal 2-10ng	2	✓	1.0	1.0	99.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.0
p1 Cal 4-50ng	4	✓	5.0	4.9	97.2
p1 Cal 5-100ng	5	✓	10.0	9.7	97.2
p1 Cal 6-250ng	6	✓	25.0	24.5	98.1
p1 Cal 7-500ng	7	✓	50.0	52.2	104.4
p1 Cal 8-1000ng	8	✓	100.0	106.1	106.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

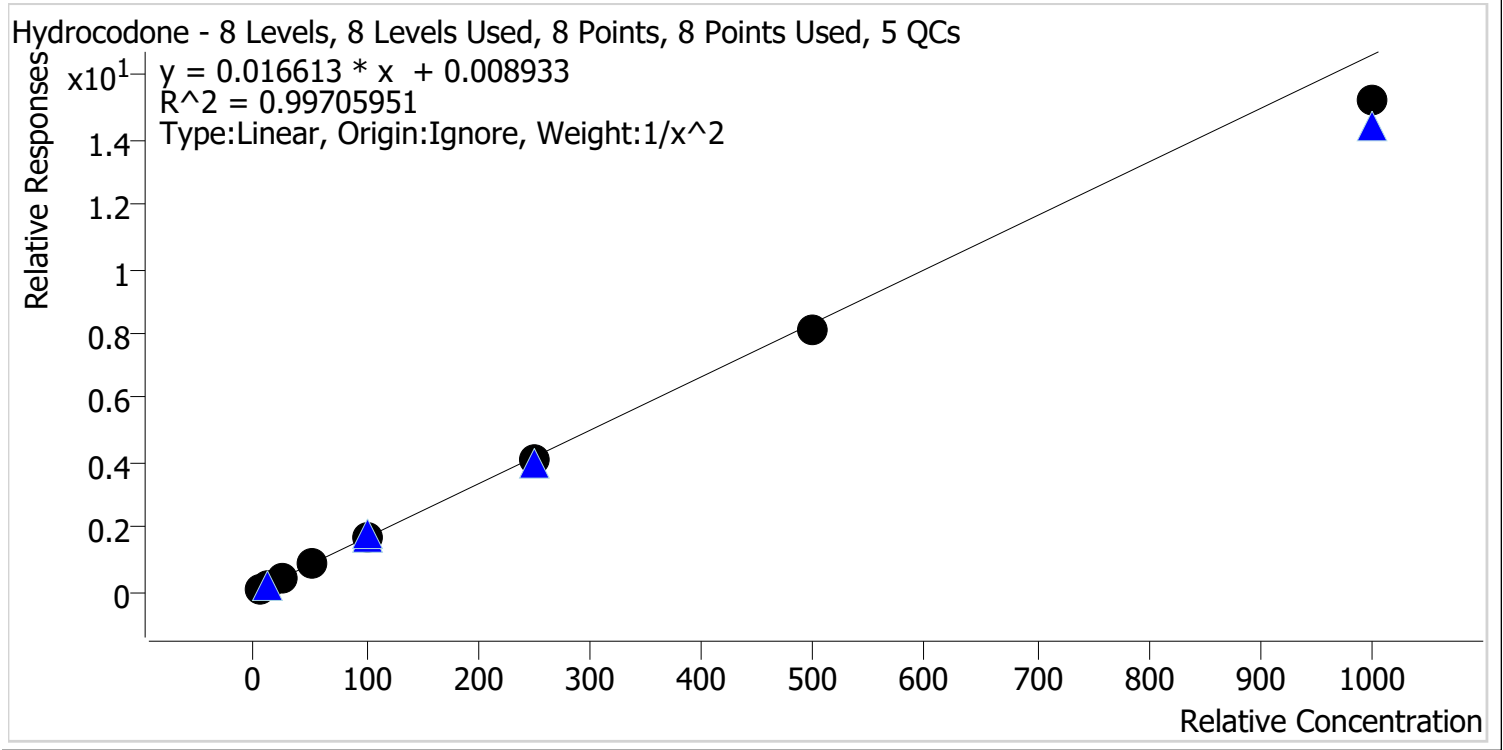


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1113.4	111.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

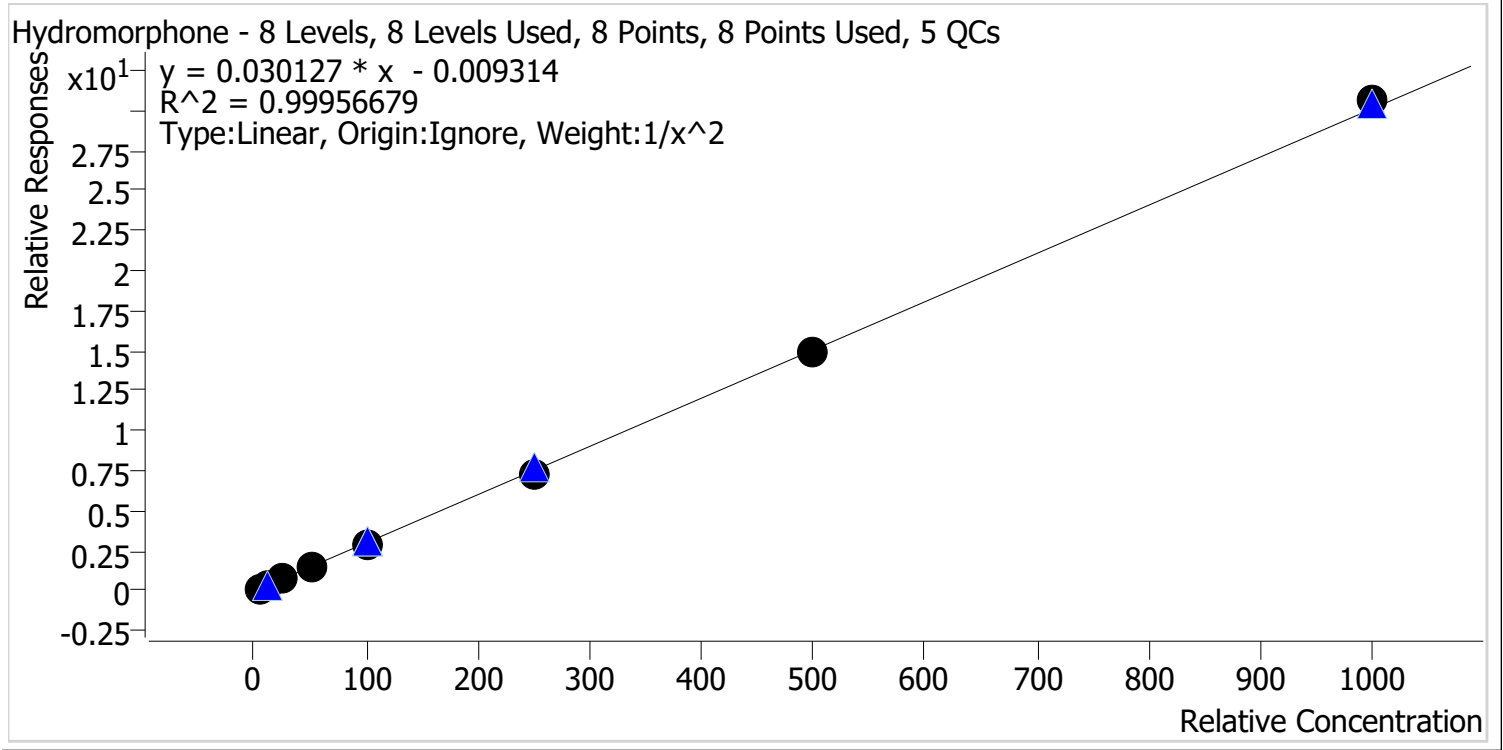


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	914.8	91.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

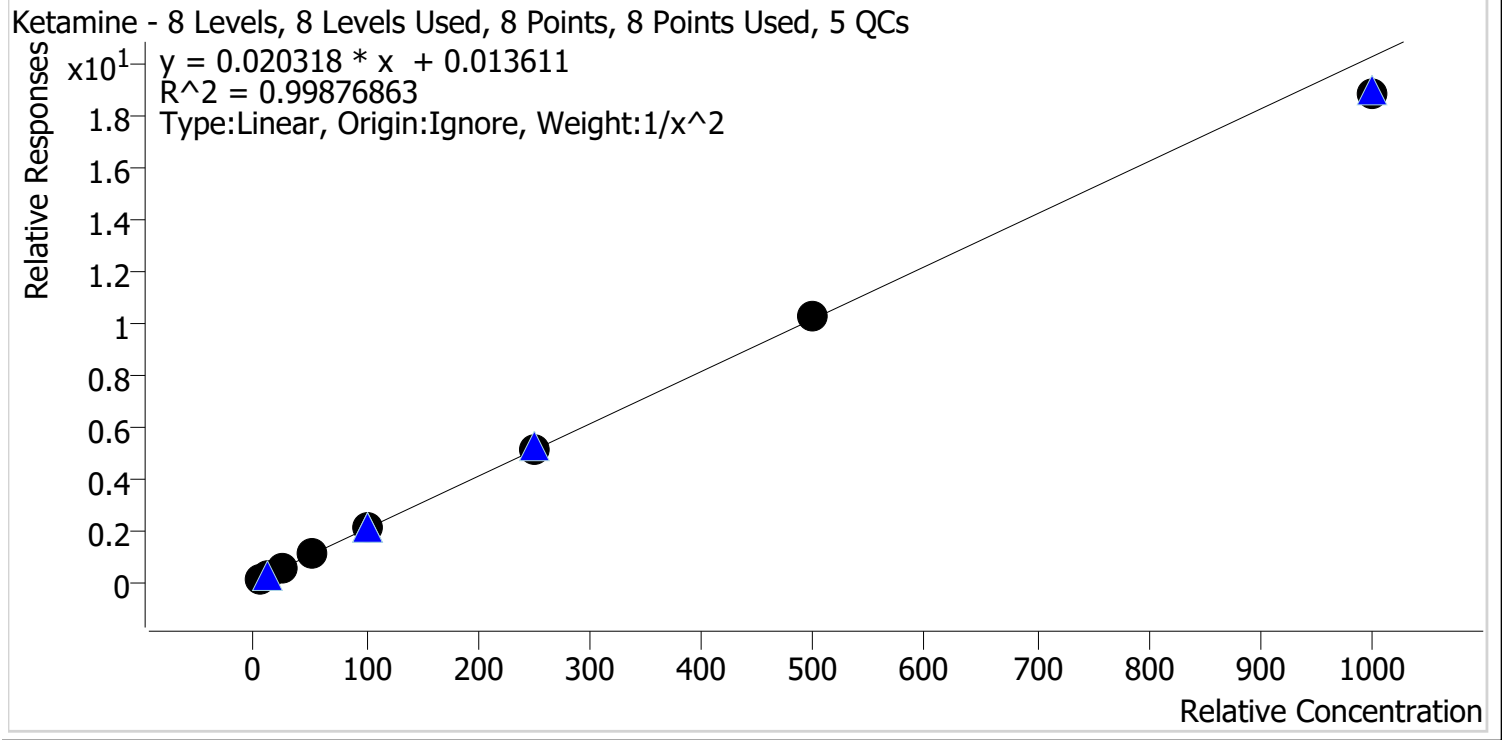


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1016.9	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

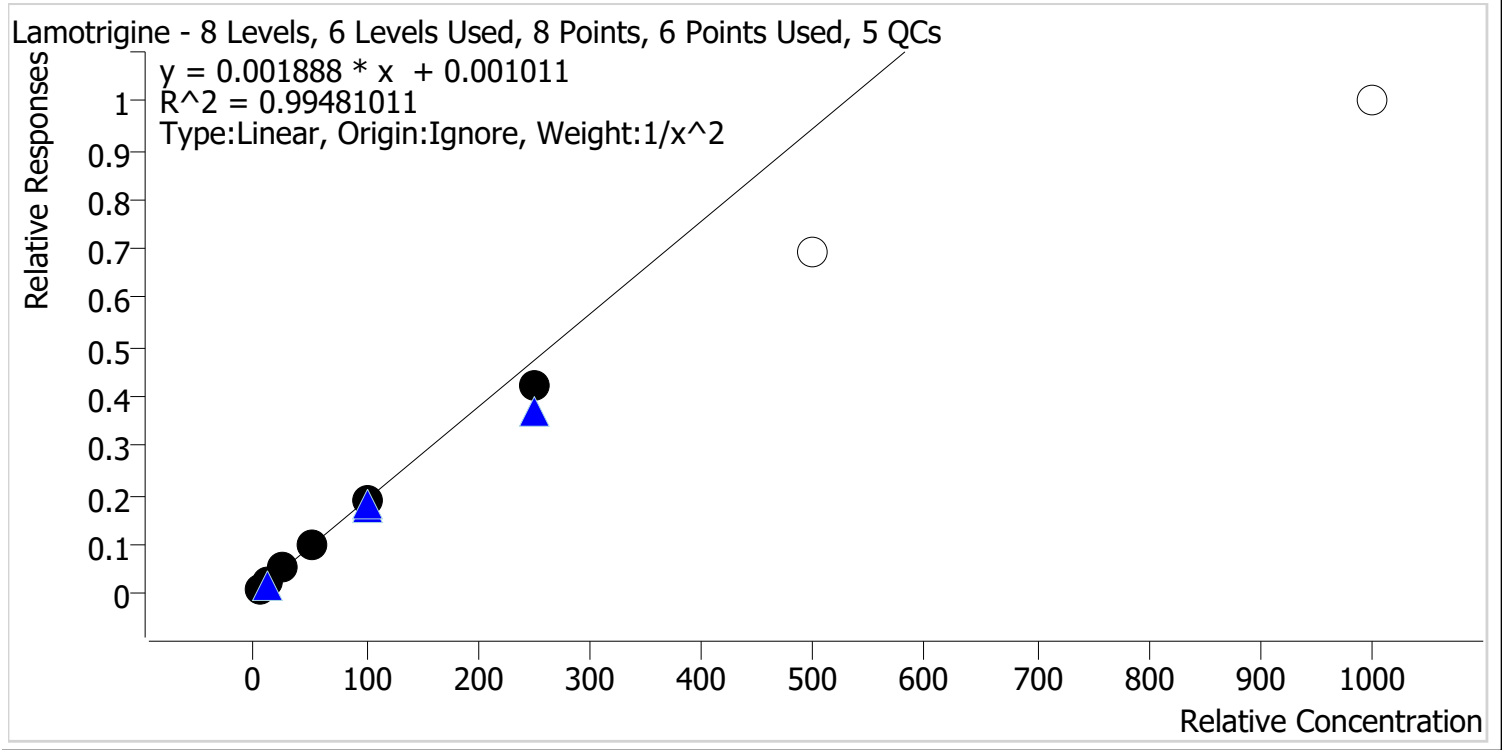


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	503.5	100.7
p1 Cal 8-1000ng	8	✓	1000.0	928.2	92.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



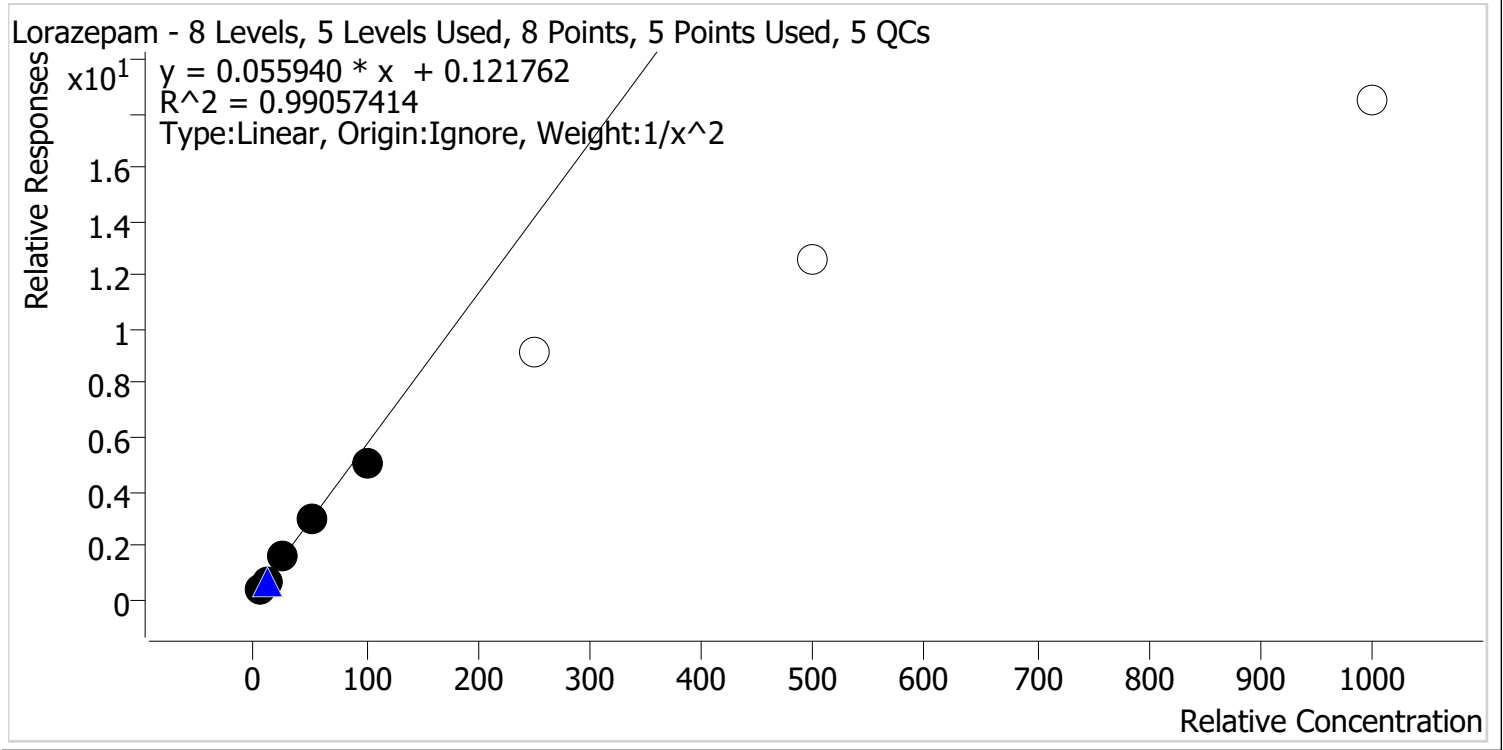
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	224.8	89.9
p1 Cal 7-500ng	7	✗	500.0	367.8	73.6
p1 Cal 8-1000ng	8	✗	1000.0	529.6	53.0

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



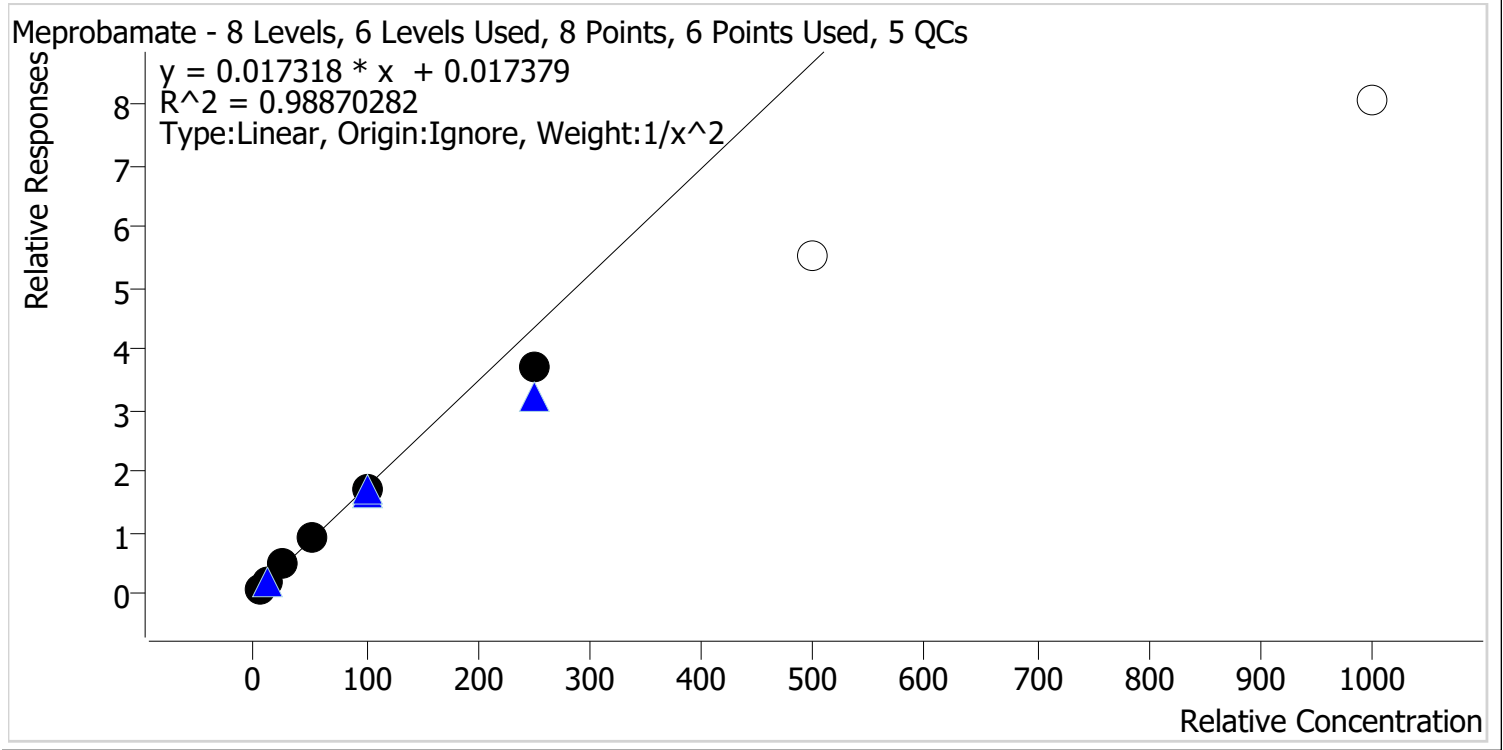
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	88.7	88.7
p1 Cal 6-250ng	6	✗	250.0	160.4	64.1
p1 Cal 7-500ng	7	✗	500.0	222.4	44.5
p1 Cal 8-1000ng	8	✗	1000.0	327.9	32.8

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



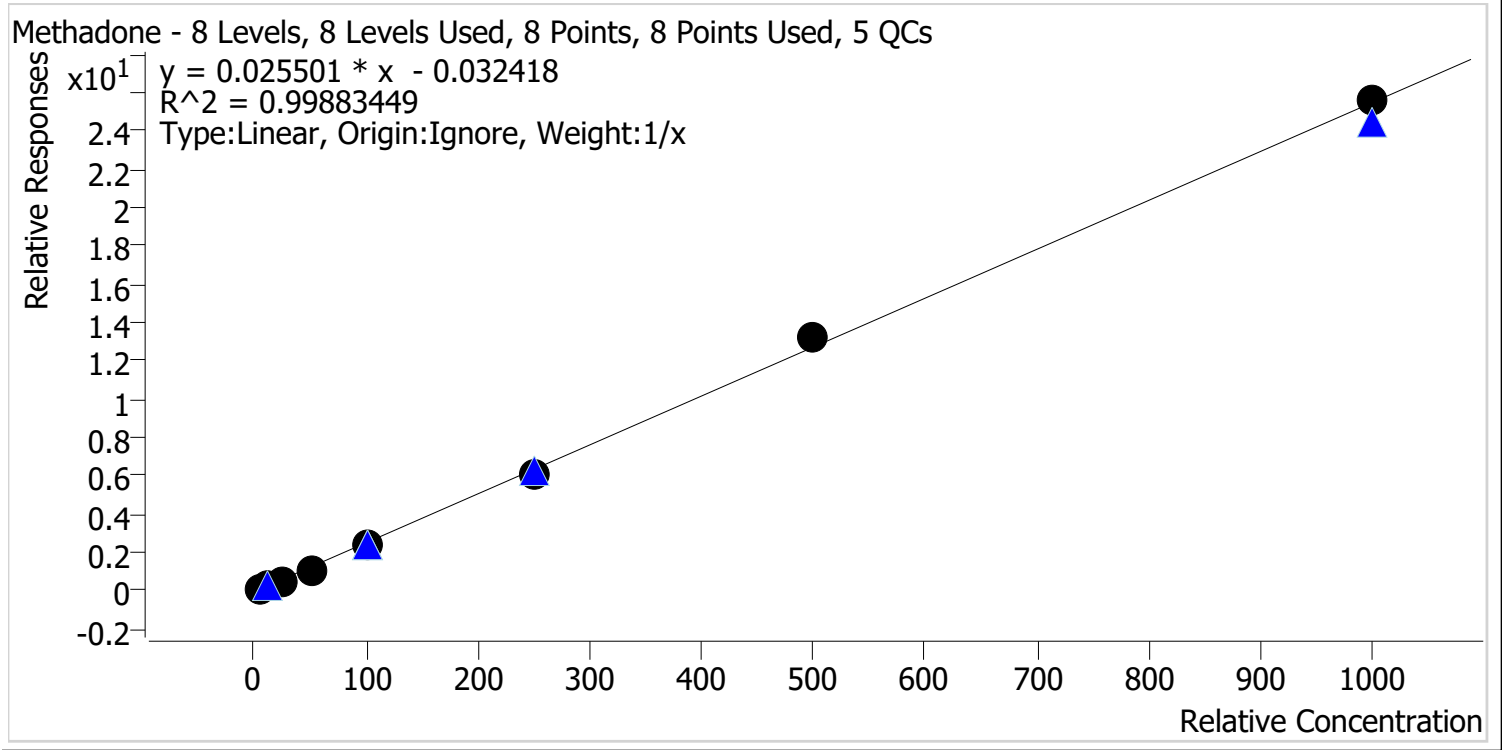
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	213.1	85.2
p1 Cal 7-500ng	7	✗	500.0	319.6	63.9
p1 Cal 8-1000ng	8	✗	1000.0	463.7	46.4

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

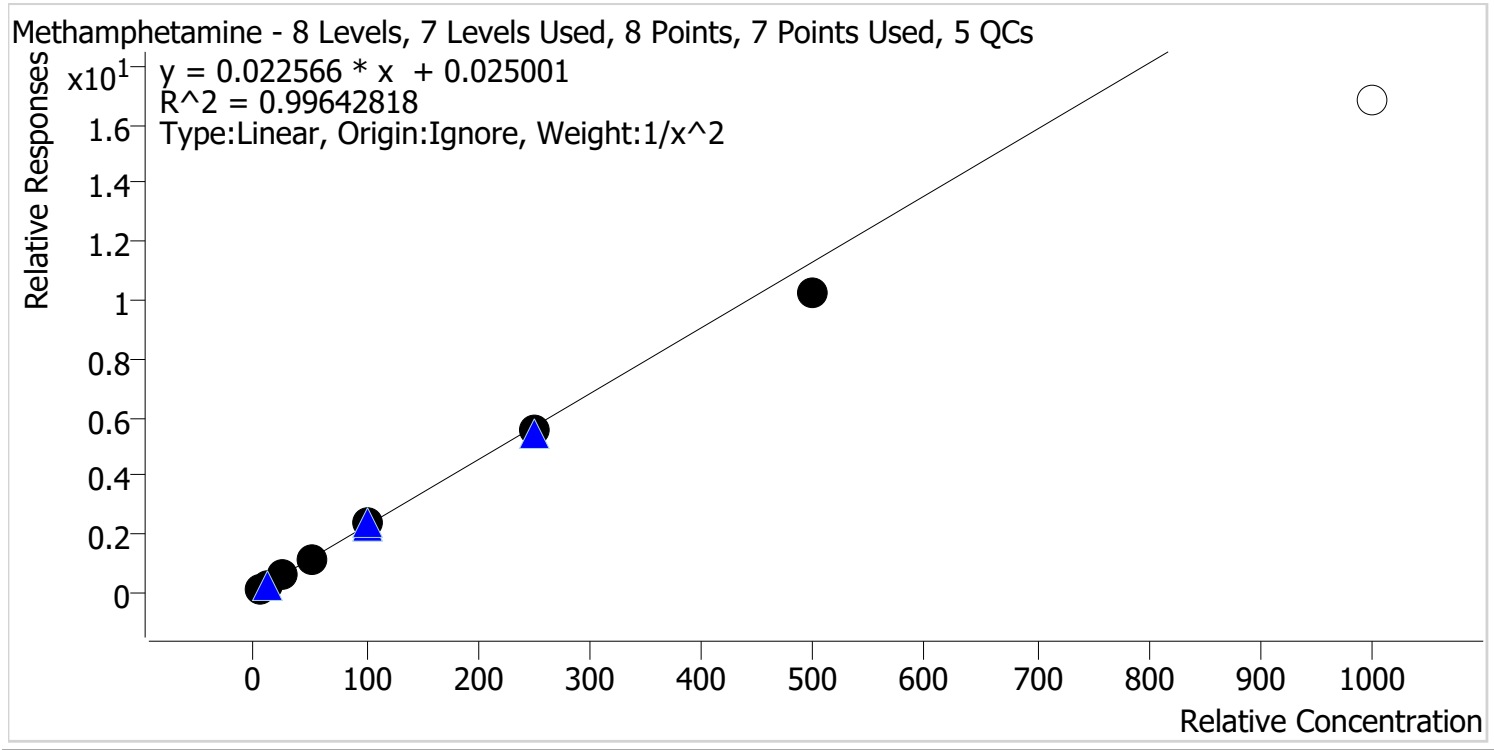


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	119.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	45.5	91.0
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	517.0	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1004.1	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



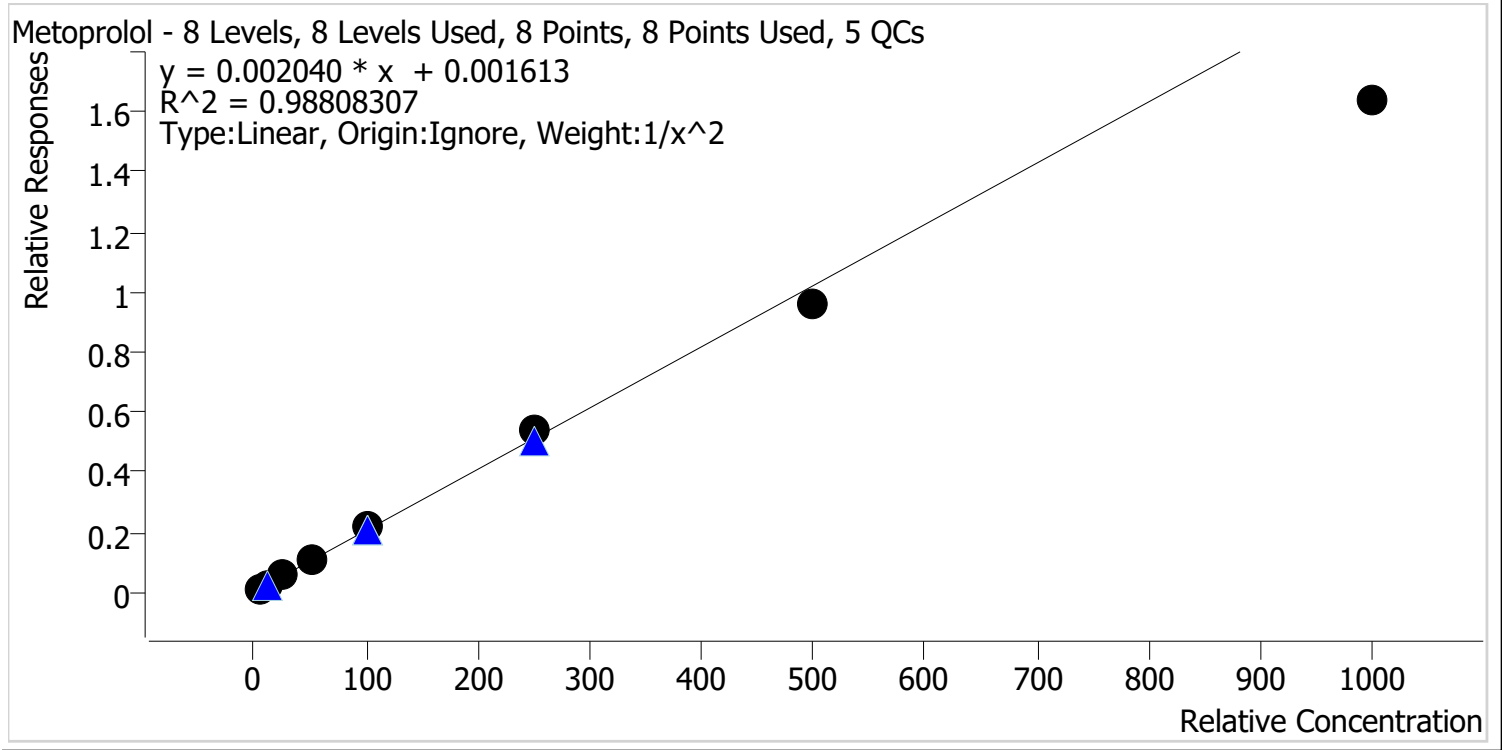
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	450.1	90.0
p1 Cal 8-1000ng	8	✗	1000.0	743.7	74.4

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

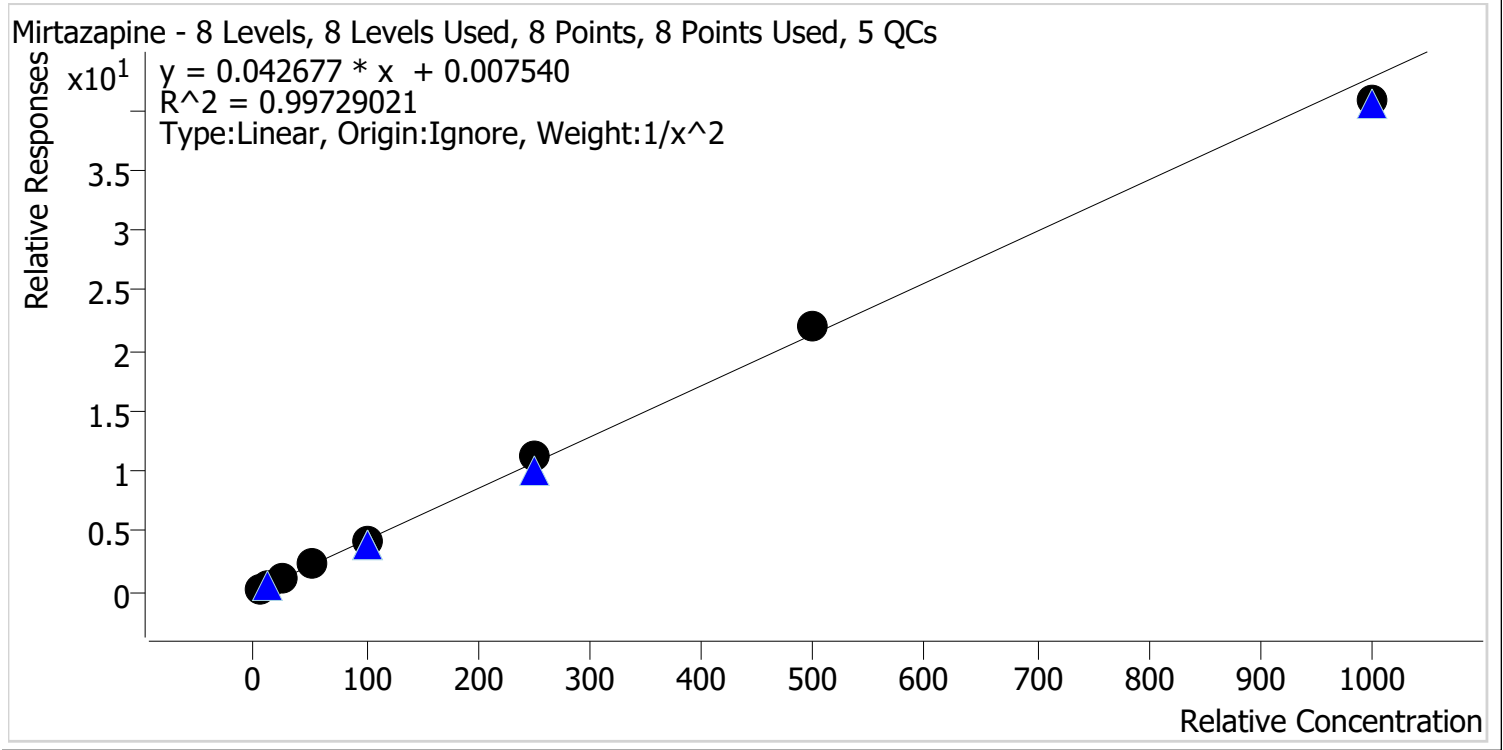


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	264.6	105.8
p1 Cal 7-500ng	7	✓	500.0	472.2	94.4
p1 Cal 8-1000ng	8	✓	1000.0	802.2	80.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



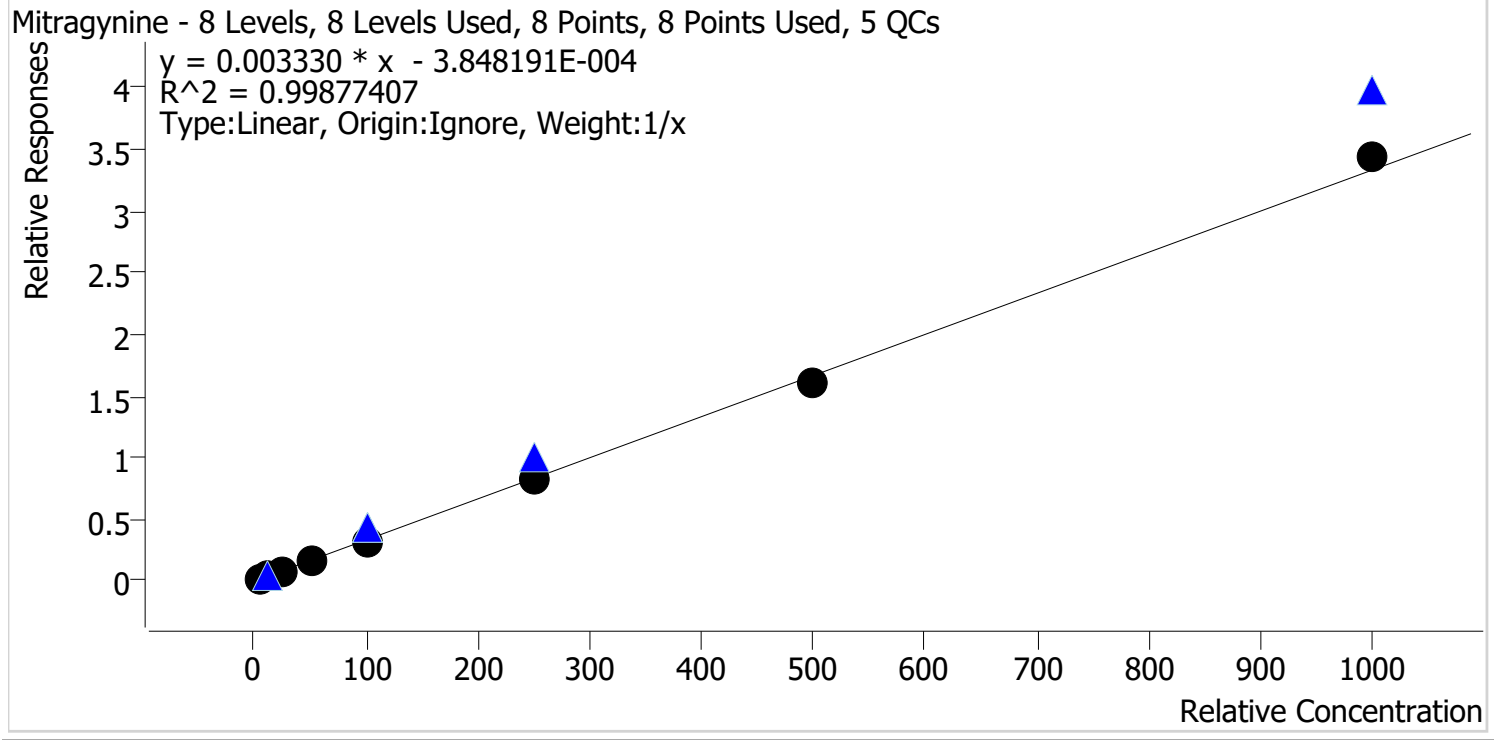
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.2	92.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	262.3	104.9
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	954.5	95.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

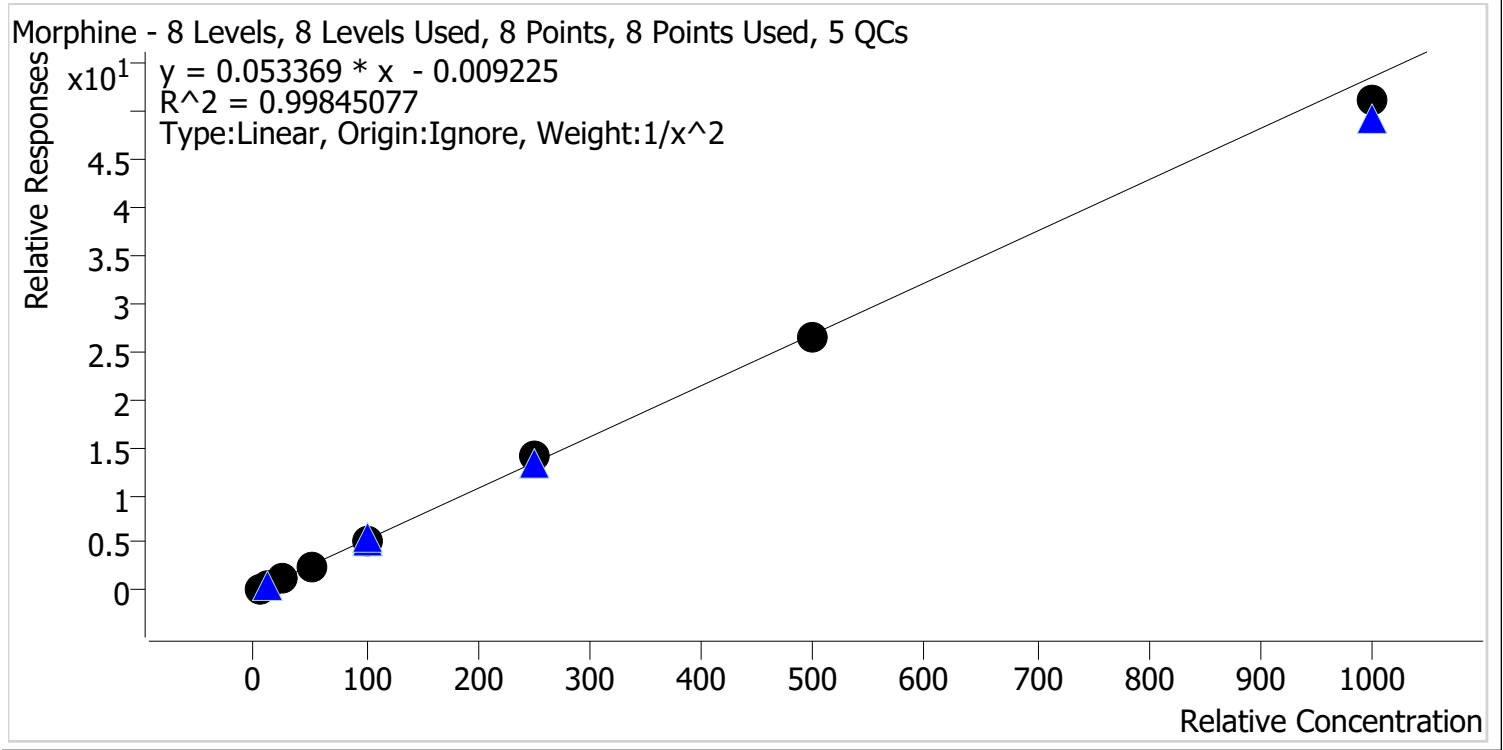


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.6	112.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.9
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	478.9	95.8
p1 Cal 8-1000ng	8	✓	1000.0	1028.0	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



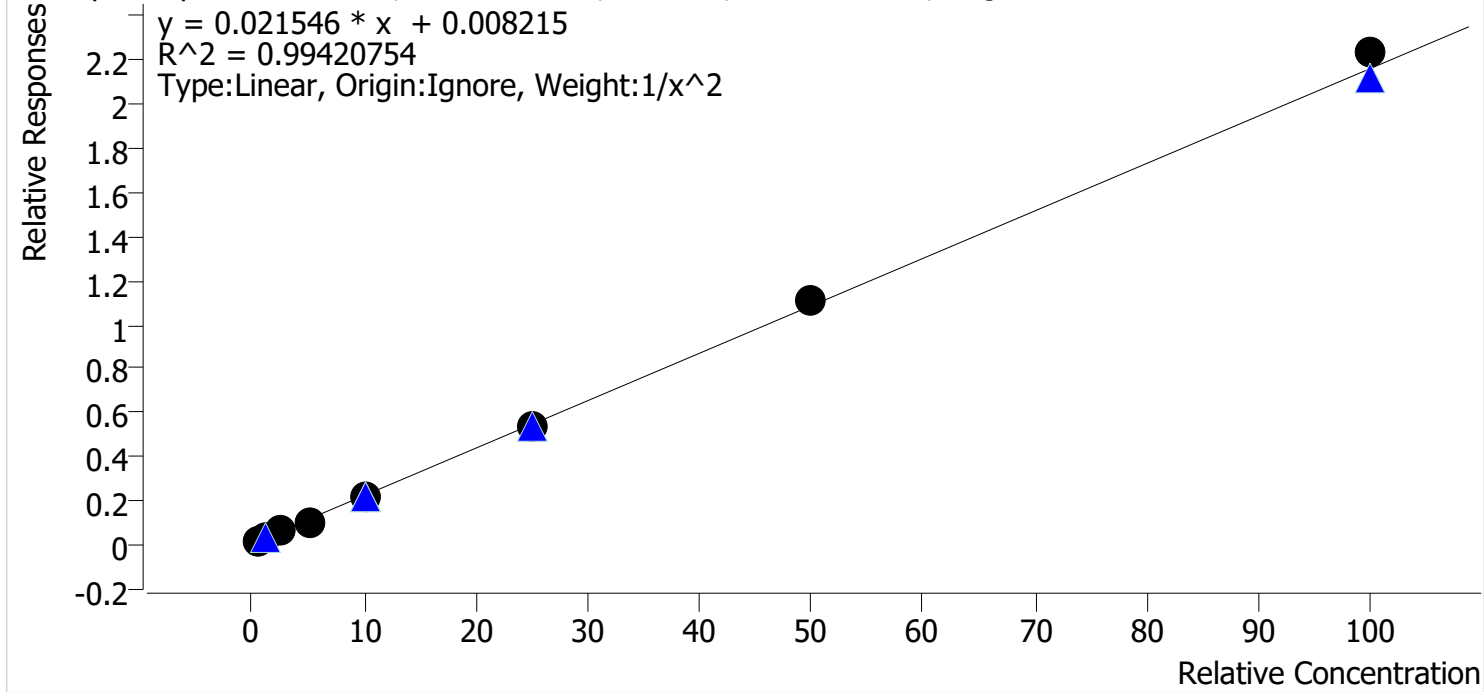
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	260.8	104.3
p1 Cal 7-500ng	7	✓	500.0	491.2	98.2
p1 Cal 8-1000ng	8	✓	1000.0	954.3	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

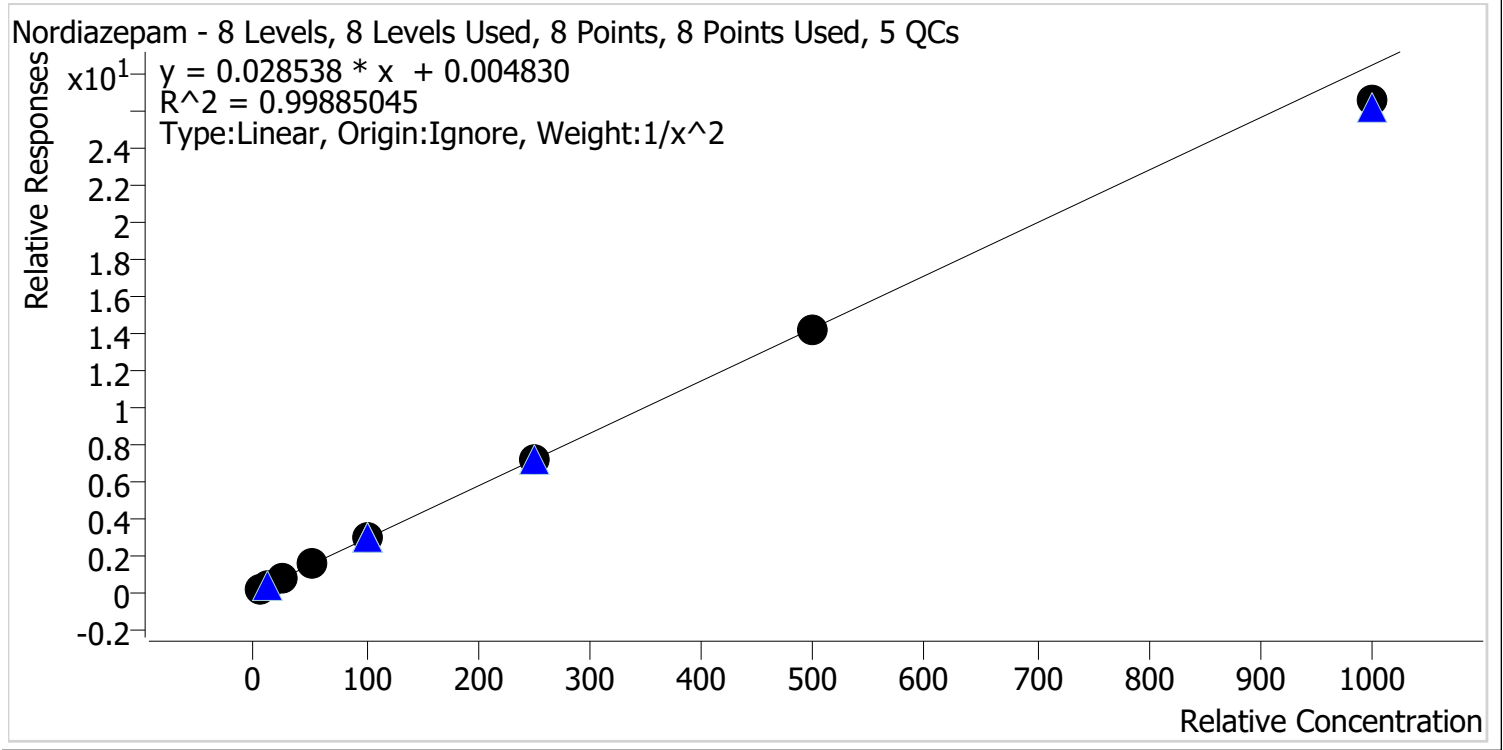


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	95.3
p1 Cal 2-10ng	2	✓	1.0	1.1	113.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.8
p1 Cal 4-50ng	4	✓	5.0	4.6	91.9
p1 Cal 5-100ng	5	✓	10.0	10.0	99.9
p1 Cal 6-250ng	6	✓	25.0	24.7	98.7
p1 Cal 7-500ng	7	✓	50.0	51.5	102.9
p1 Cal 8-1000ng	8	✓	100.0	103.4	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



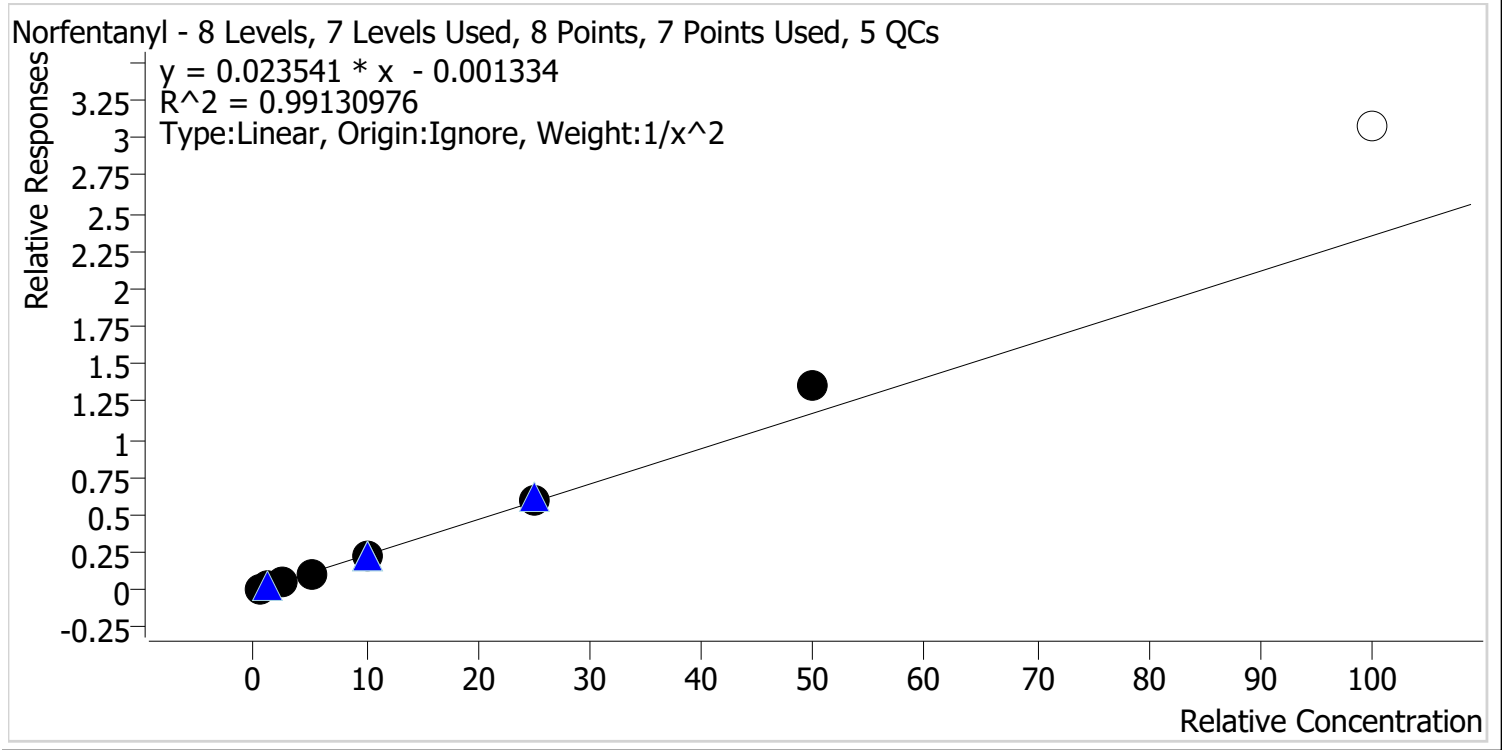
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	499.5	99.9
p1 Cal 8-1000ng	8	✓	1000.0	932.4	93.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.2
p1 Cal 2-10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.0
p1 Cal 4-50ng	4	✓	5.0	4.7	93.9
p1 Cal 5-100ng	5	✓	10.0	9.3	93.4
p1 Cal 6-250ng	6	✓	25.0	25.4	101.5
p1 Cal 7-500ng	7	✓	50.0	57.9	115.8
p1 Cal 8-1000ng	8	✗	100.0	131.3	131.3

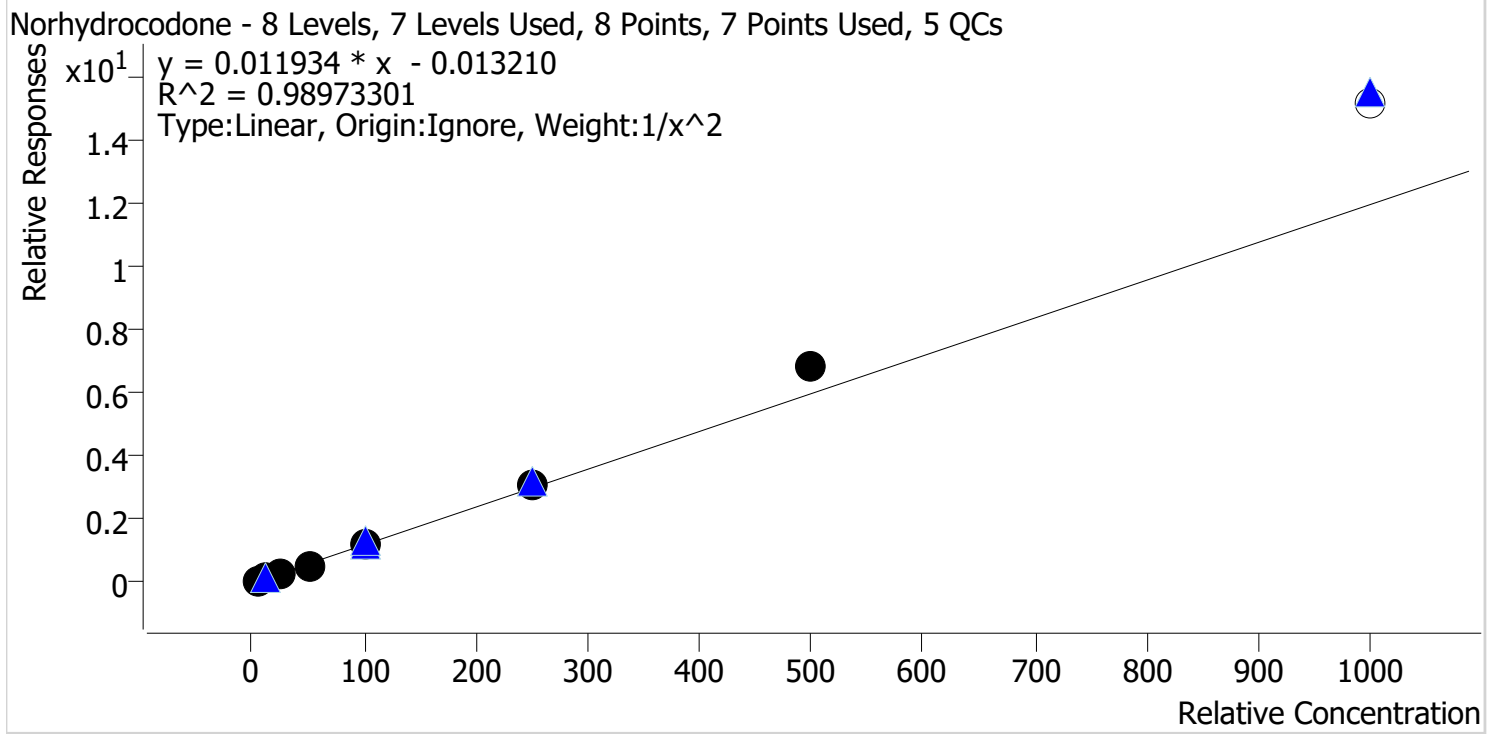
Calibrator 8 dropped due to not meeting accuracy requirement.

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



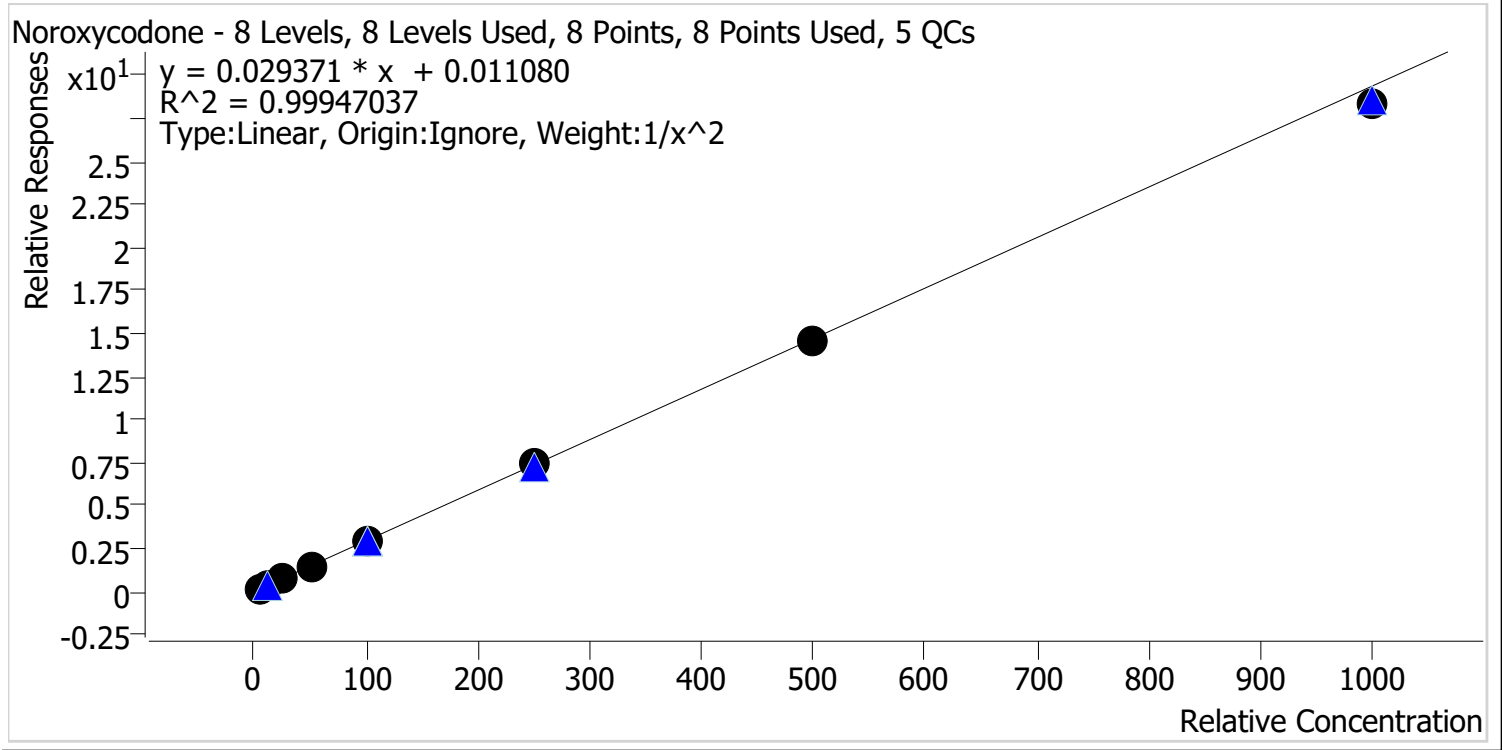
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	45.9	91.7
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	575.5	115.1
p1 Cal 8-1000ng	8	x	1000.0	1269.6	127.0

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

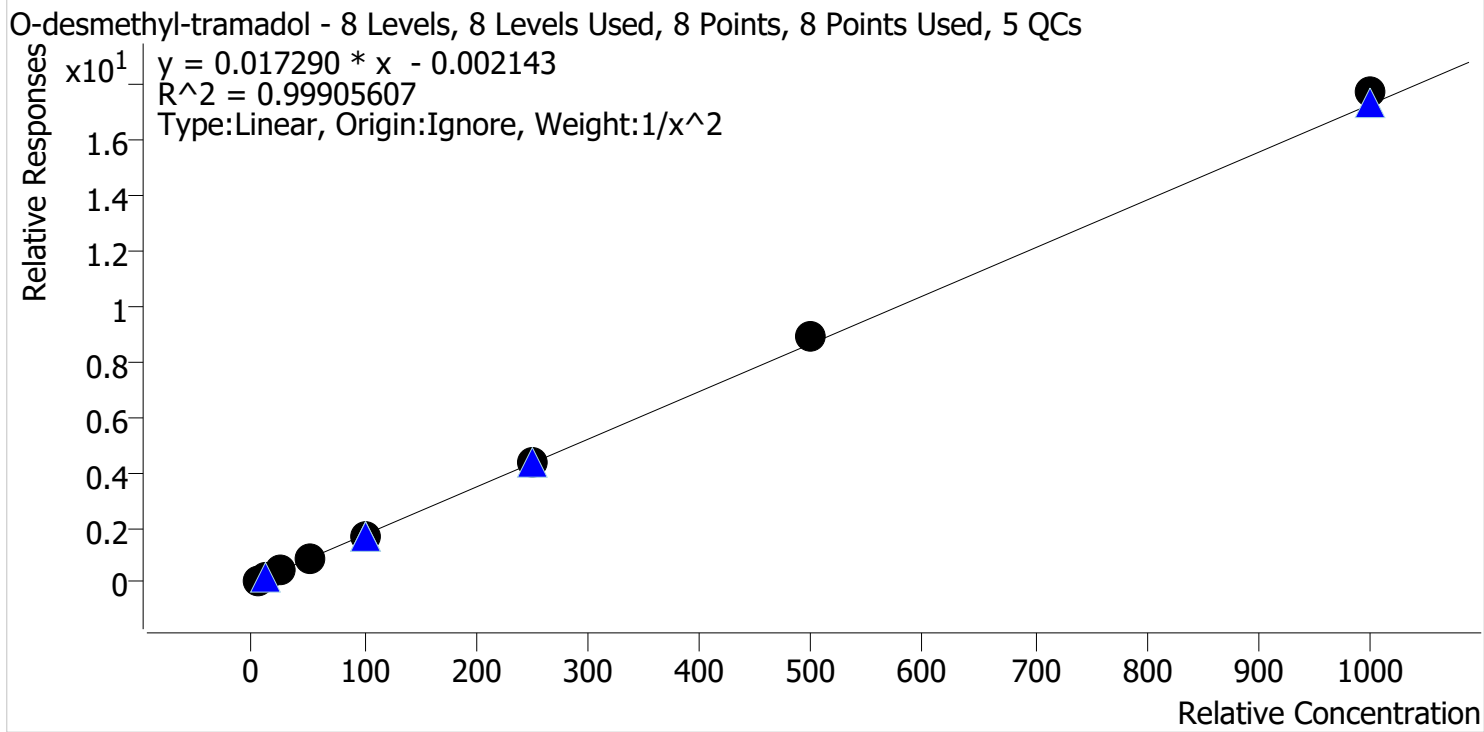


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	497.5	99.5
p1 Cal 8-1000ng	8	✓	1000.0	965.3	96.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

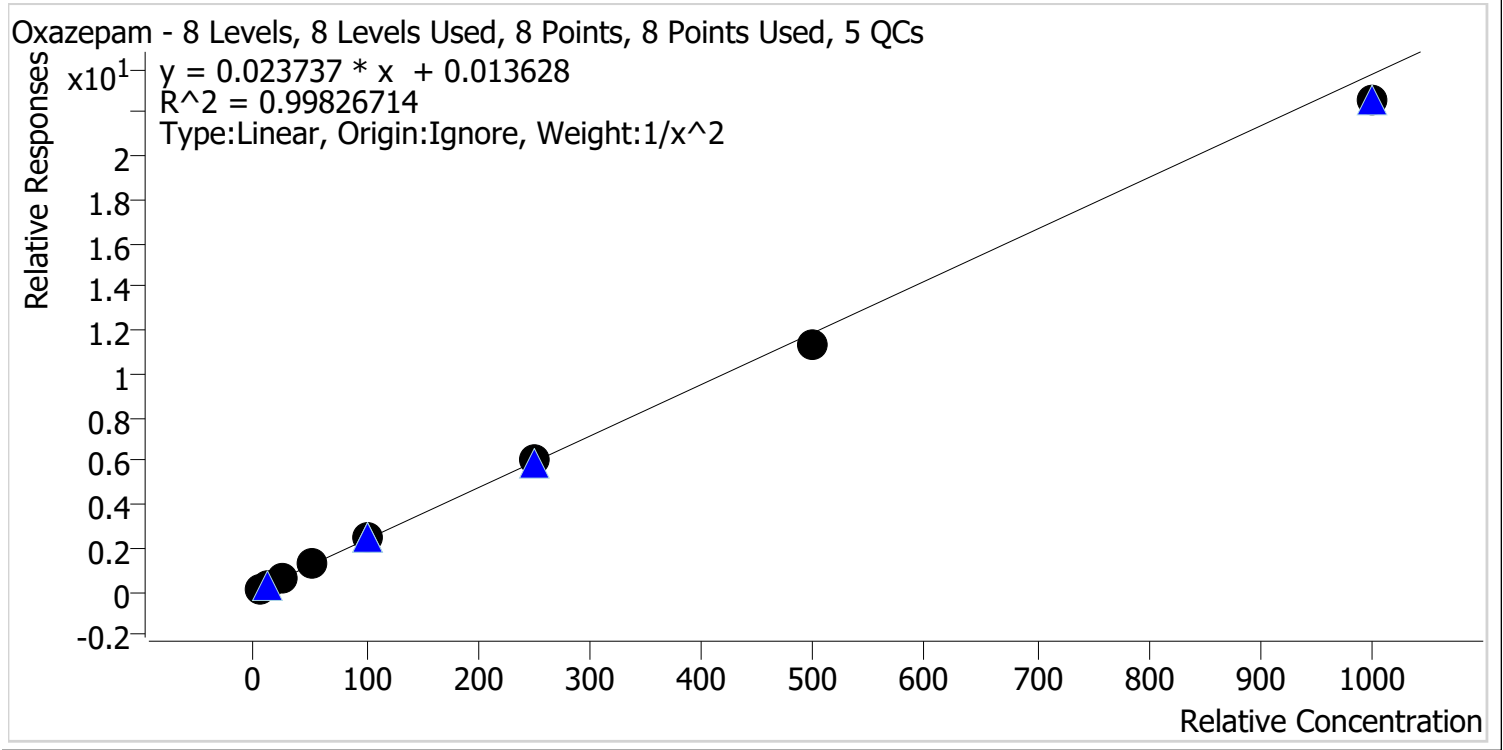


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	518.4	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1025.6	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

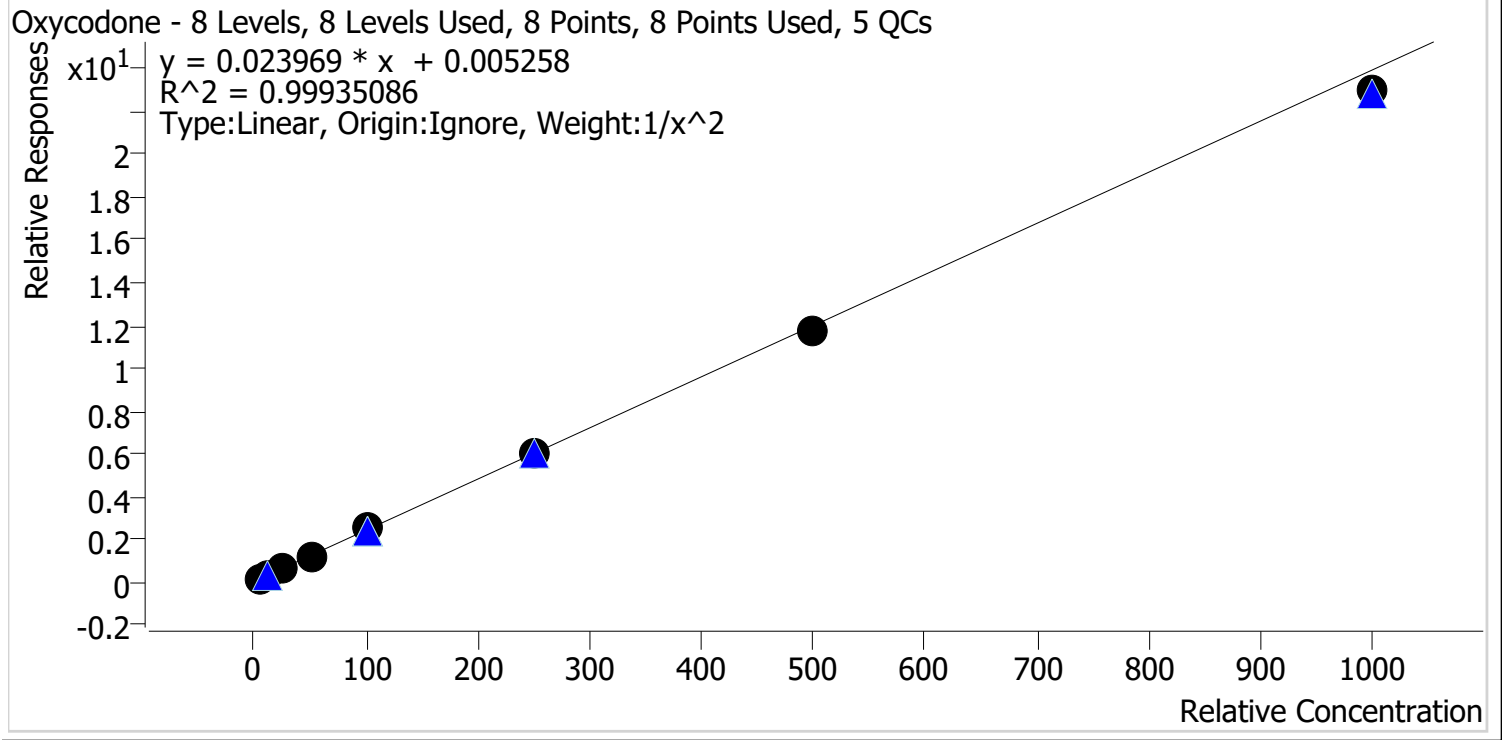


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	475.2	95.0
p1 Cal 8-1000ng	8	✓	1000.0	949.0	94.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

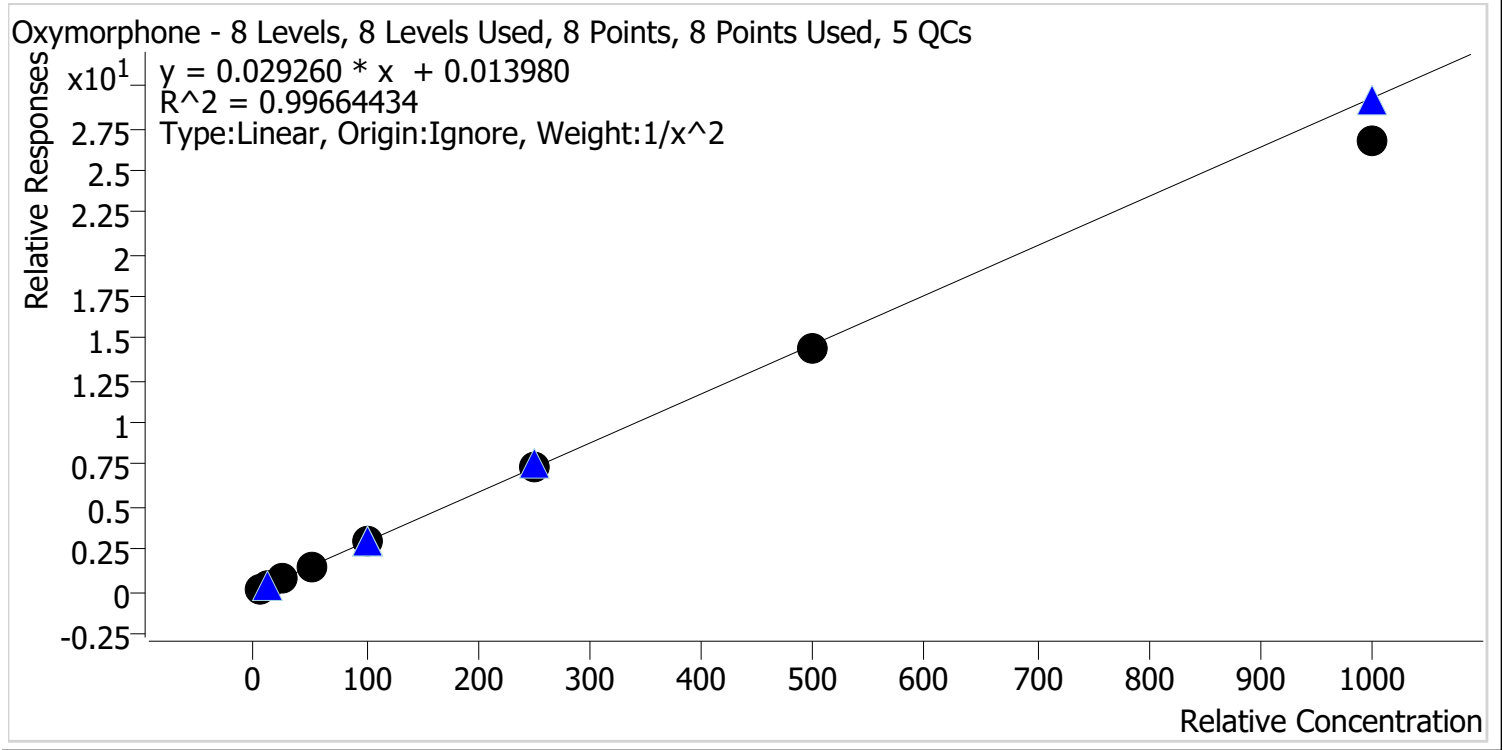


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	489.9	98.0
p1 Cal 8-1000ng	8	✓	1000.0	959.7	96.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

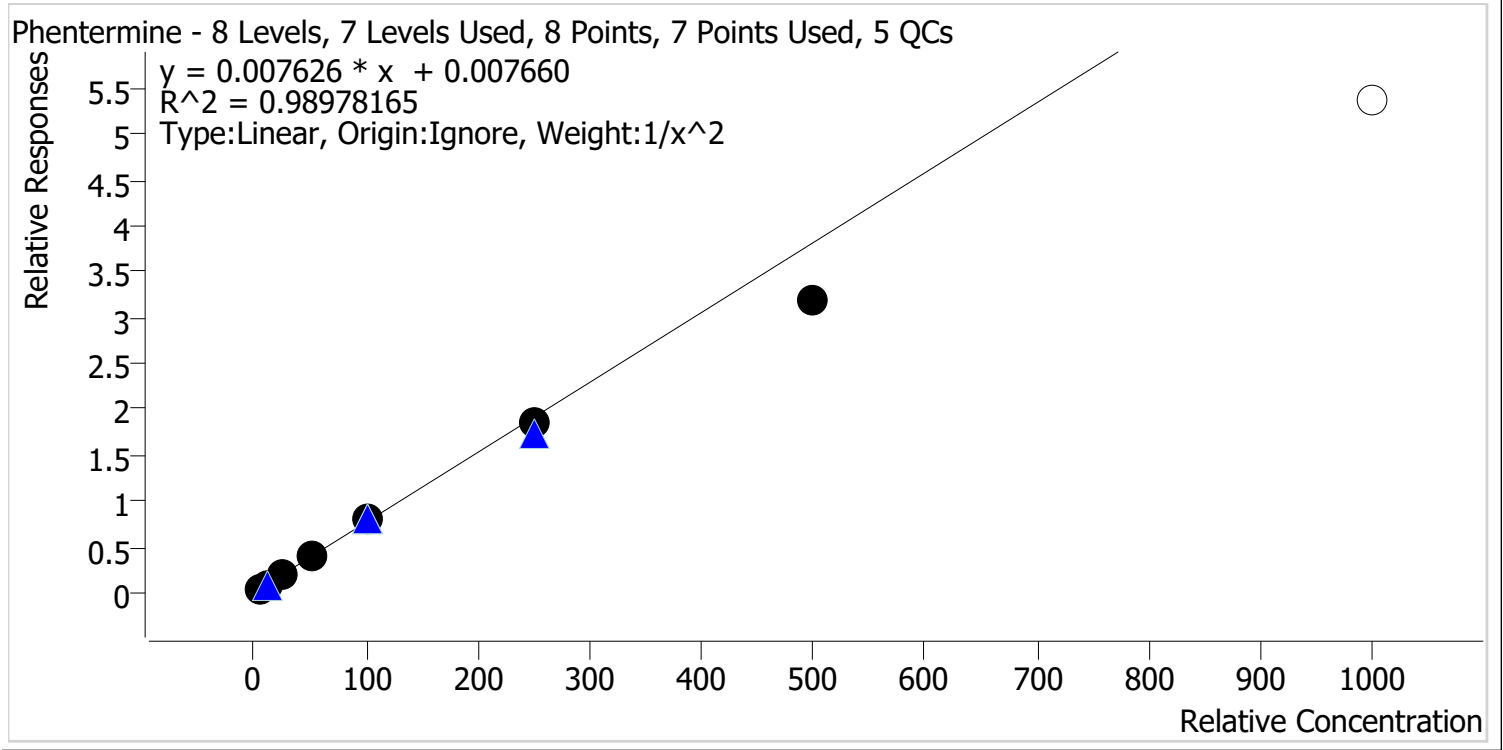


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.6	106.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	489.8	98.0
p1 Cal 8-1000ng	8	✓	1000.0	916.1	91.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



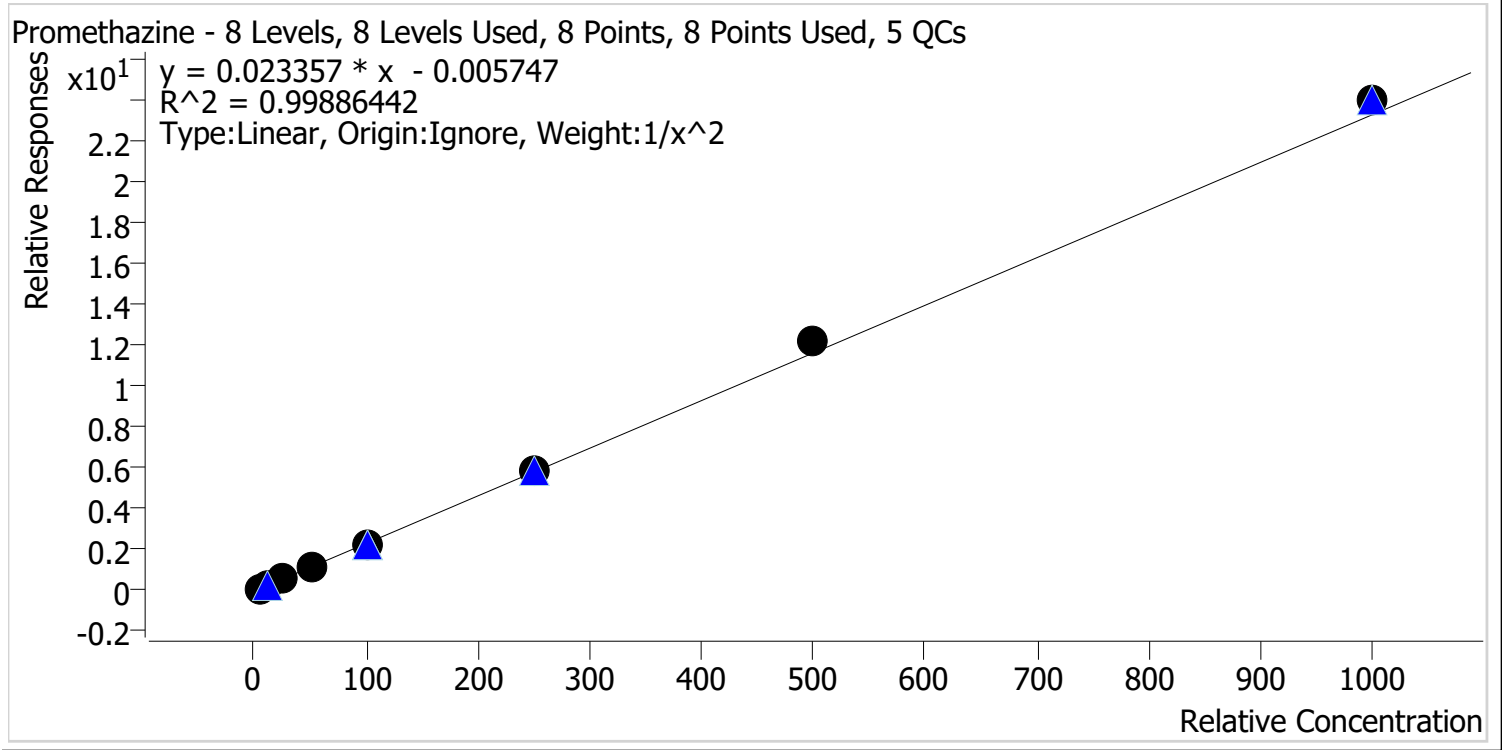
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	417.1	83.4
p1 Cal 8-1000ng	8	✗	1000.0	703.1	70.3

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

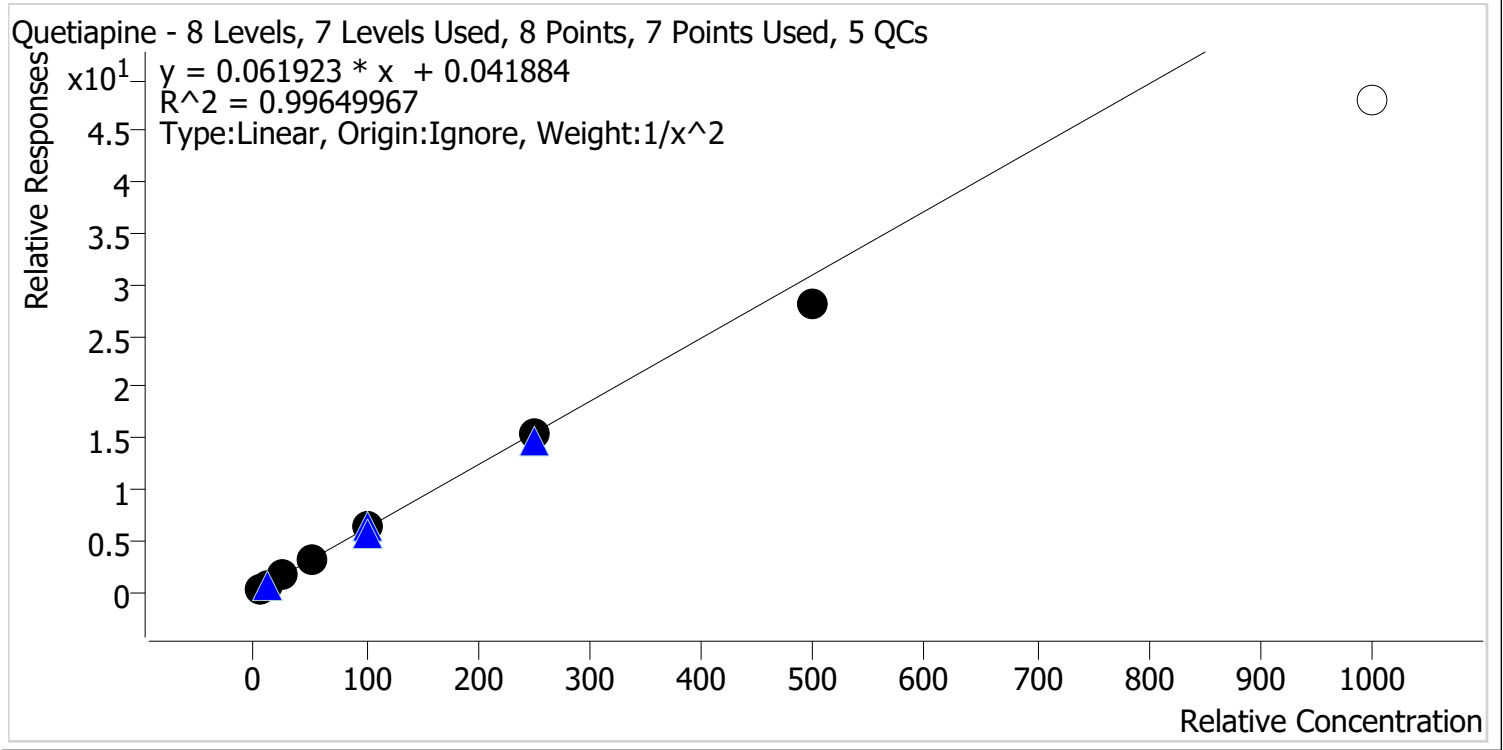


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	523.0	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1029.8	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



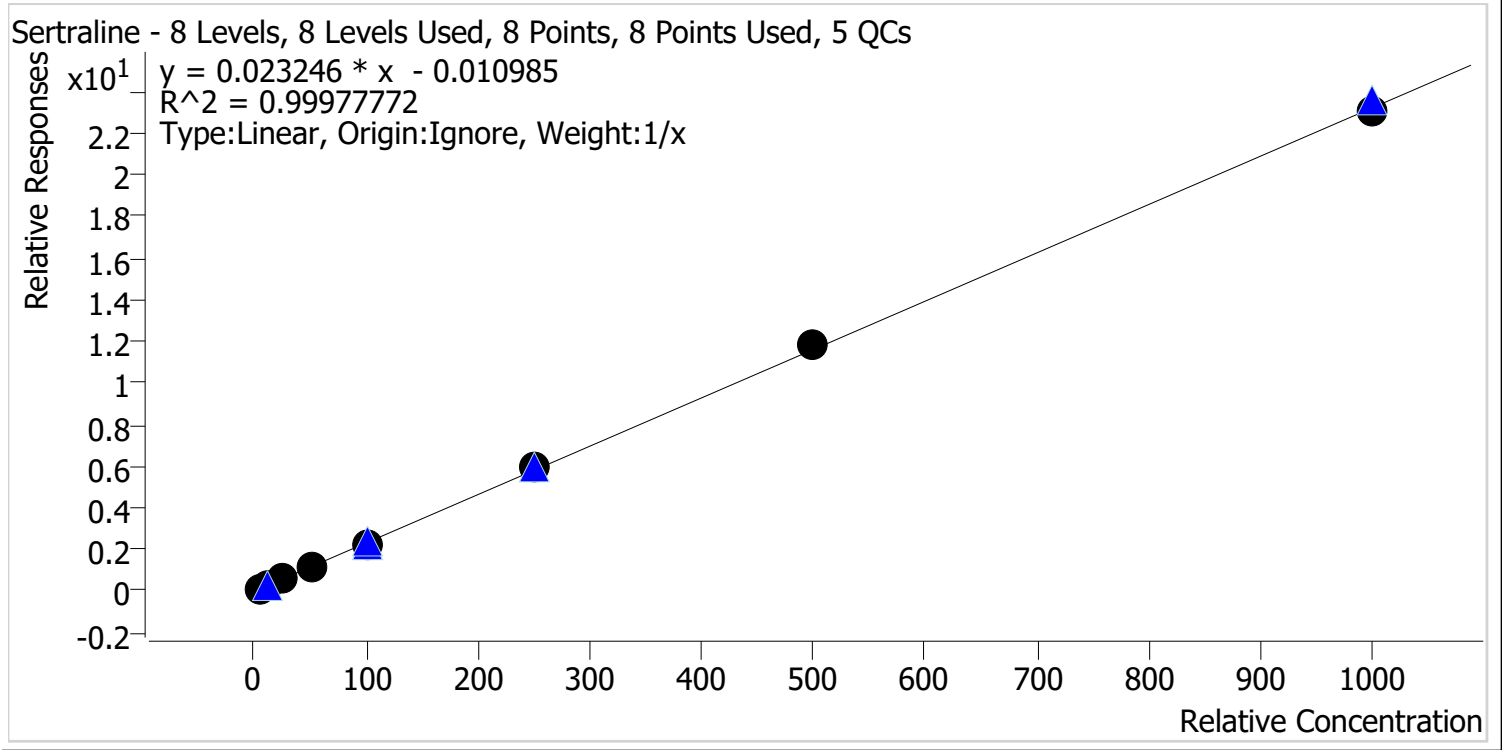
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.6
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	248.3	99.3
p1 Cal 7-500ng	7	✓	500.0	451.9	90.4
p1 Cal 8-1000ng	8	✗	1000.0	774.0	77.4

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



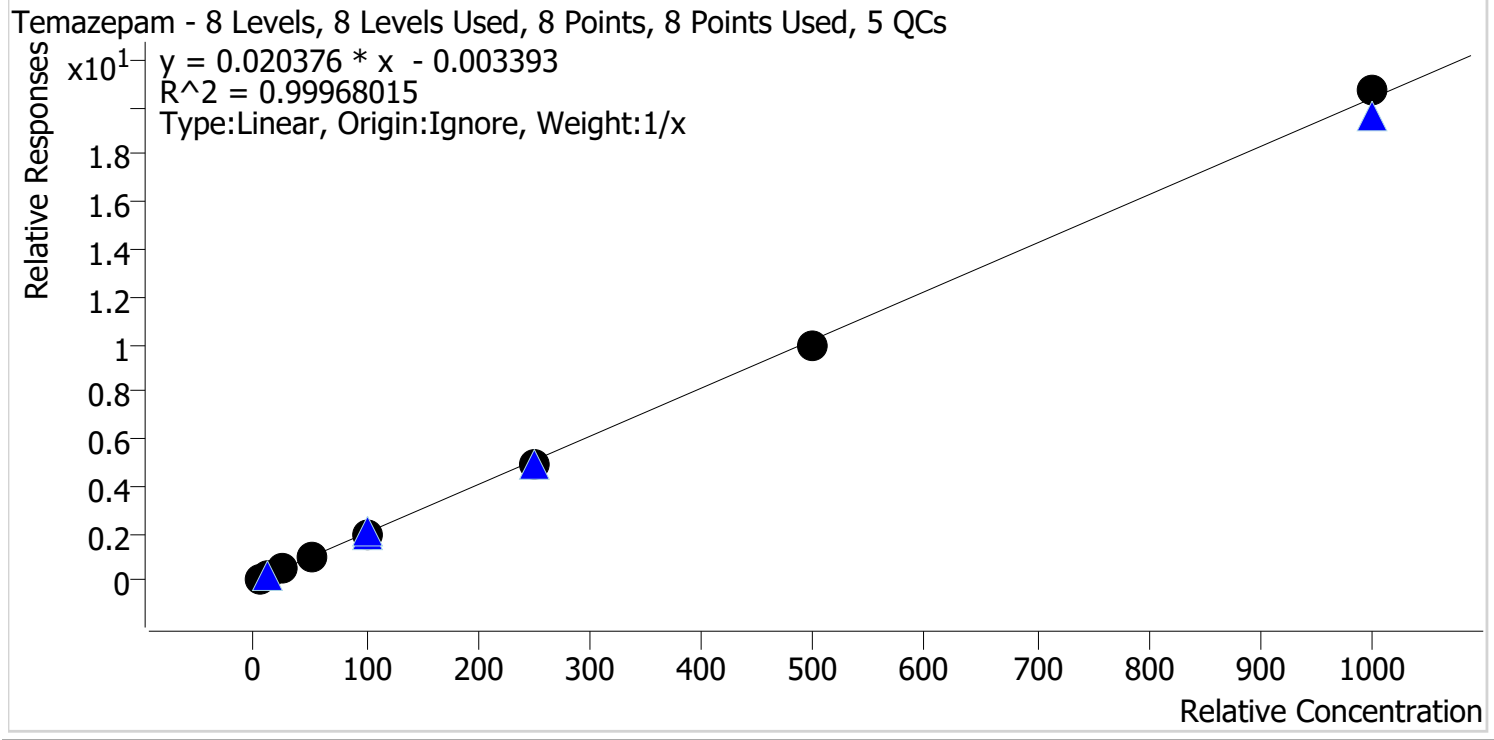
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

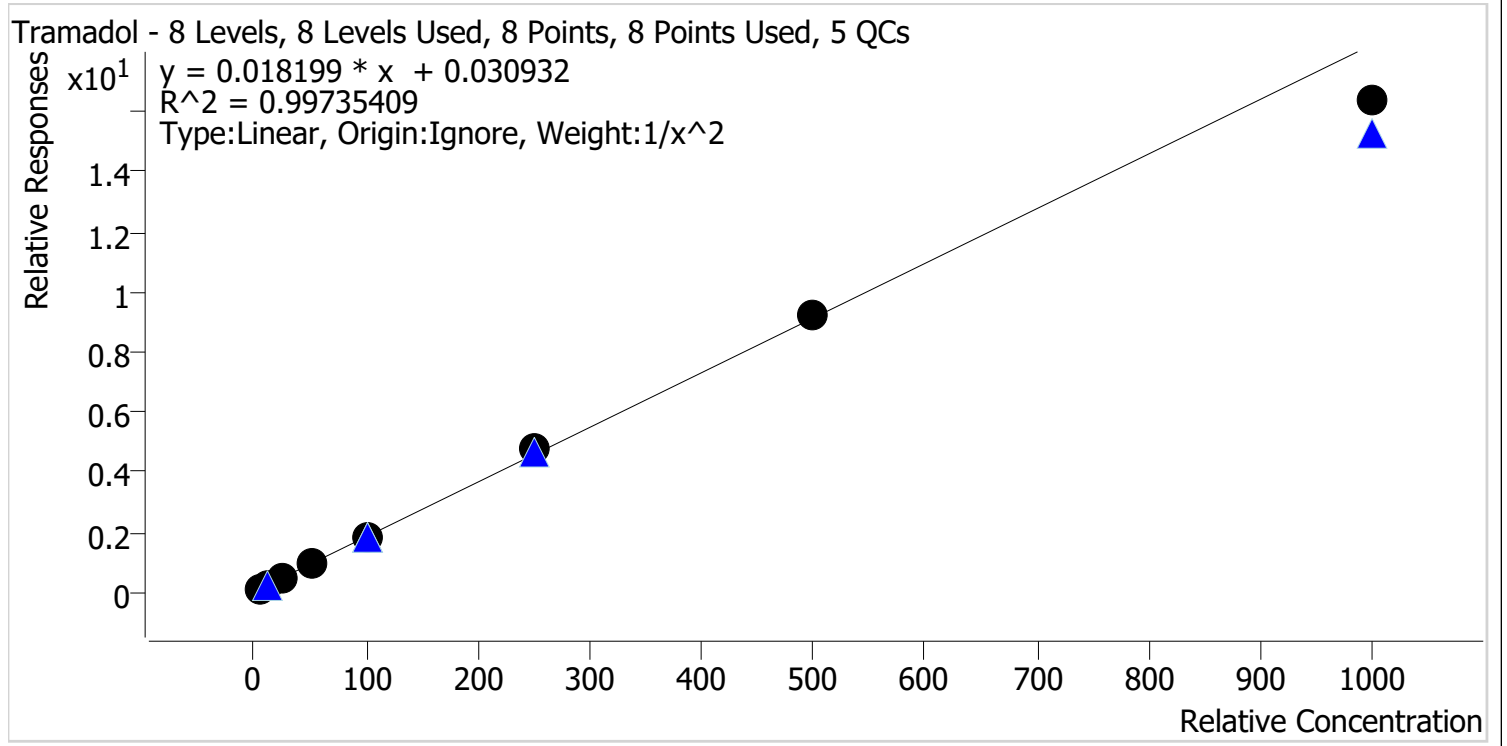


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	489.7	97.9
p1 Cal 8-1000ng	8	✓	1000.0	1015.8	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

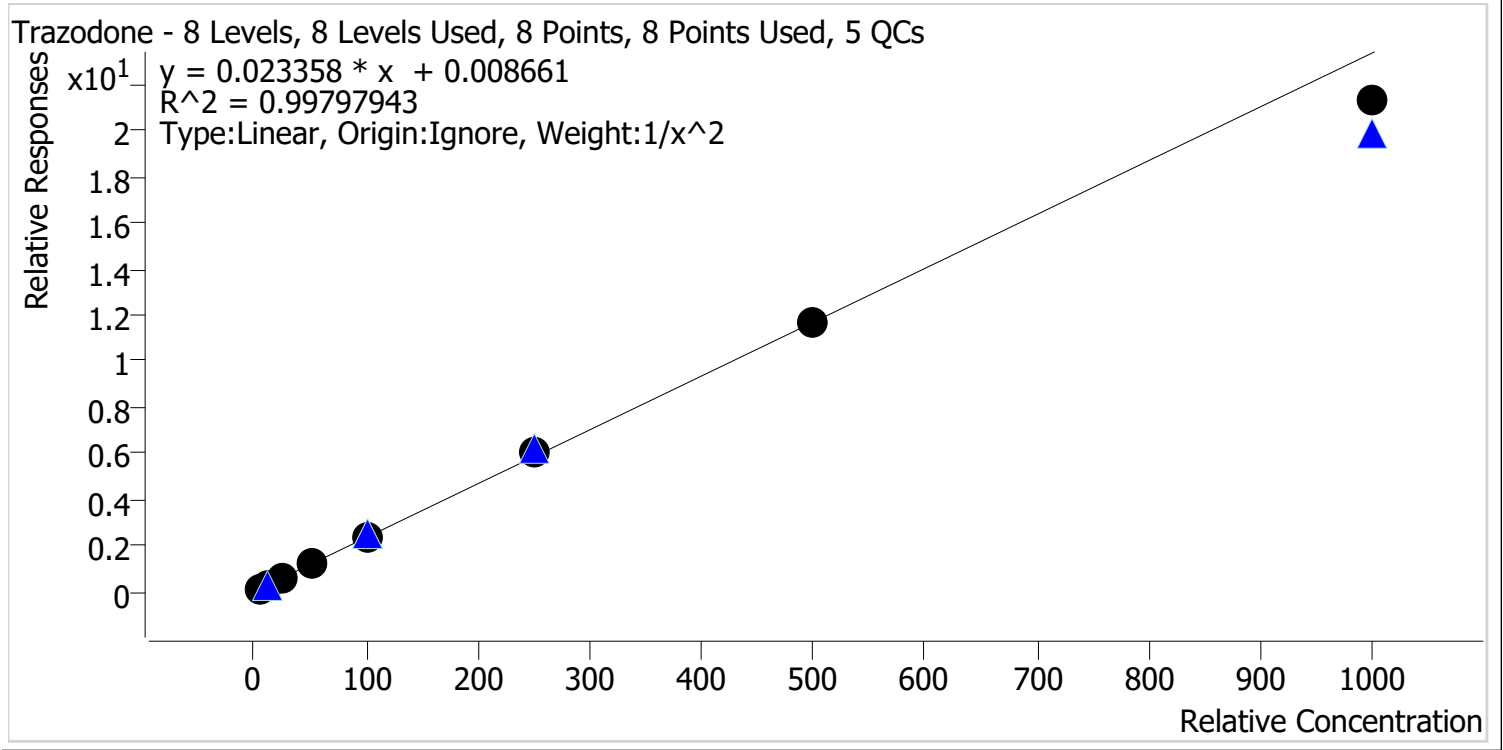


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	897.7	89.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

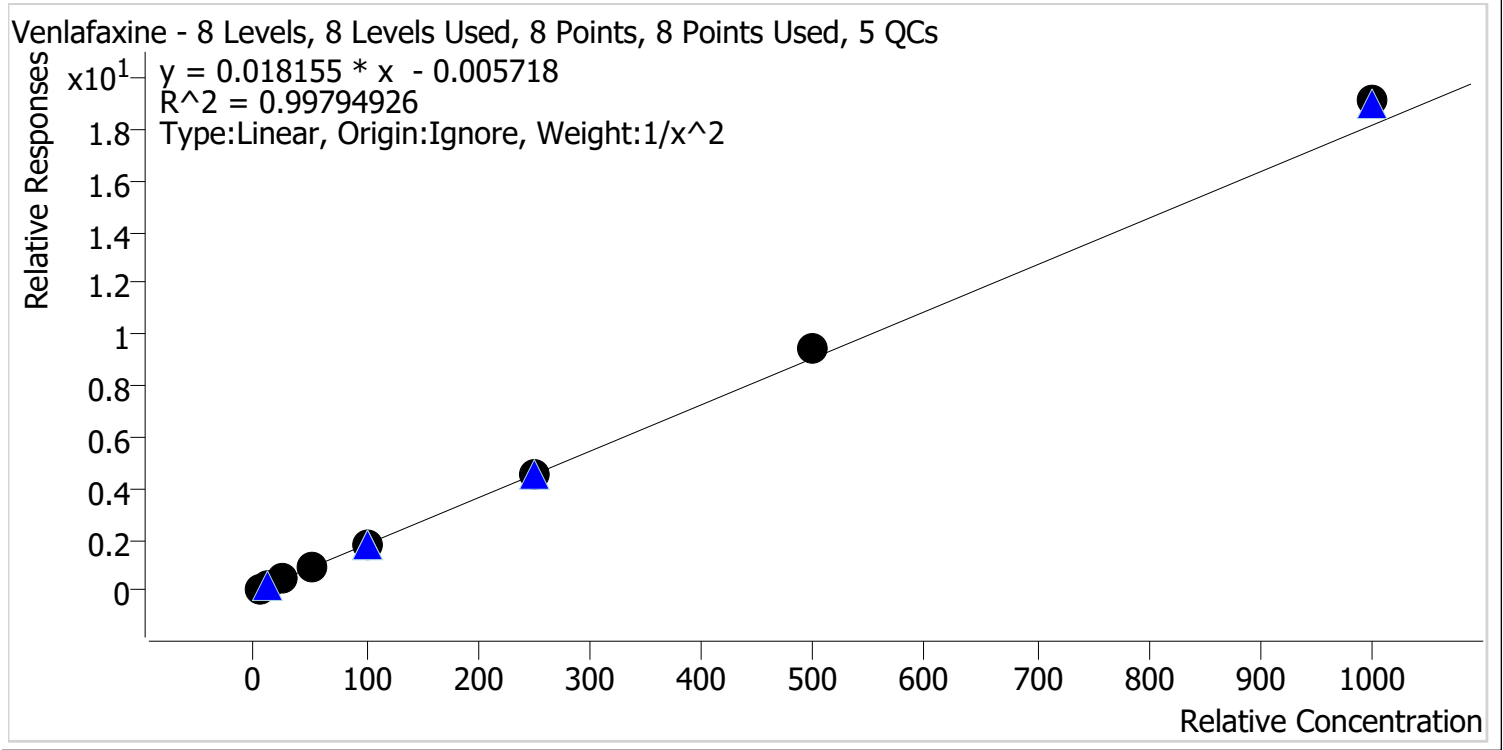


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	51.5	102.9
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	499.2	99.8
p1 Cal 8-1000ng	8	✓	1000.0	911.6	91.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

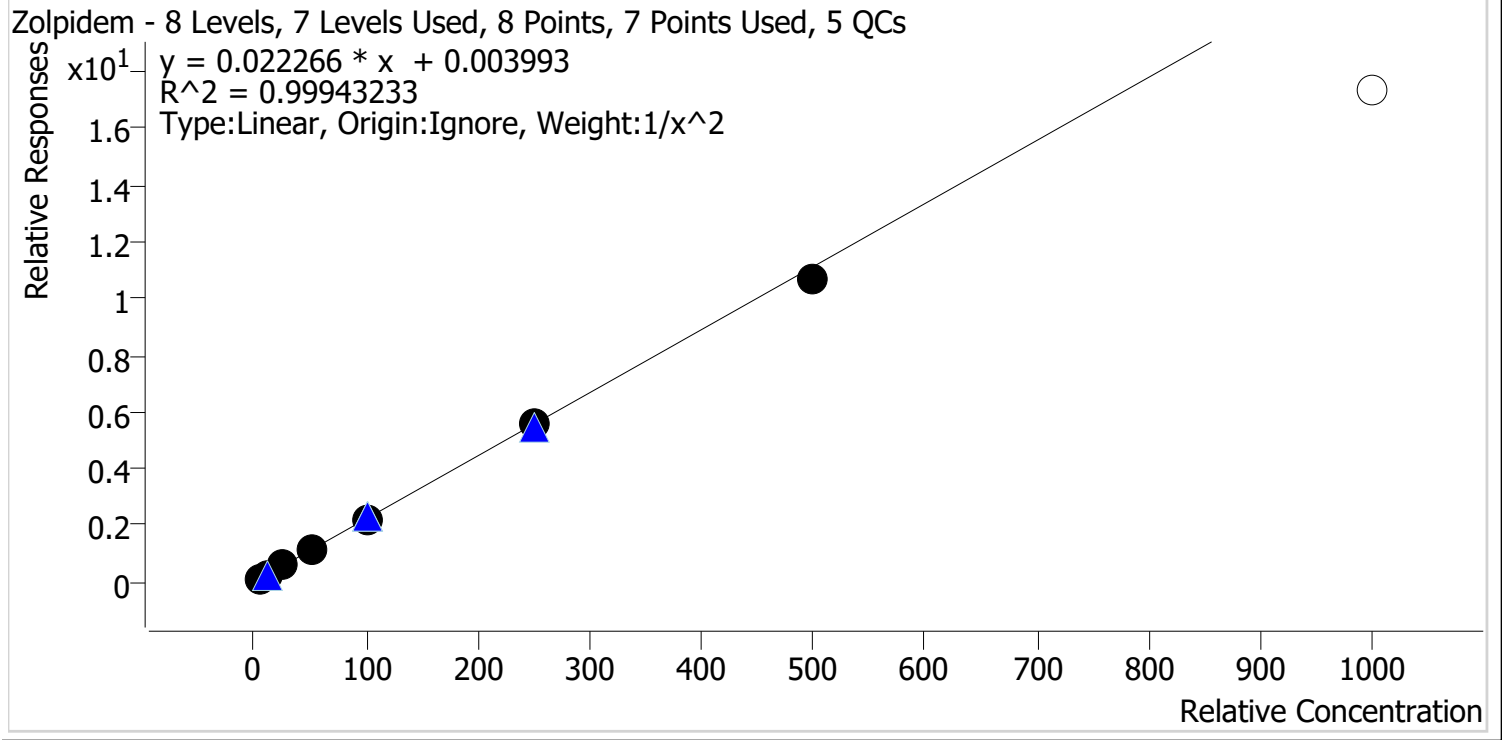


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1052.8	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 2/4/2022 12:07 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
p1 Cal 8-1000ng	8	✗	1000.0	779.0	77.9

Calibrator 8 dropped due to not meeting accuracy requirement.

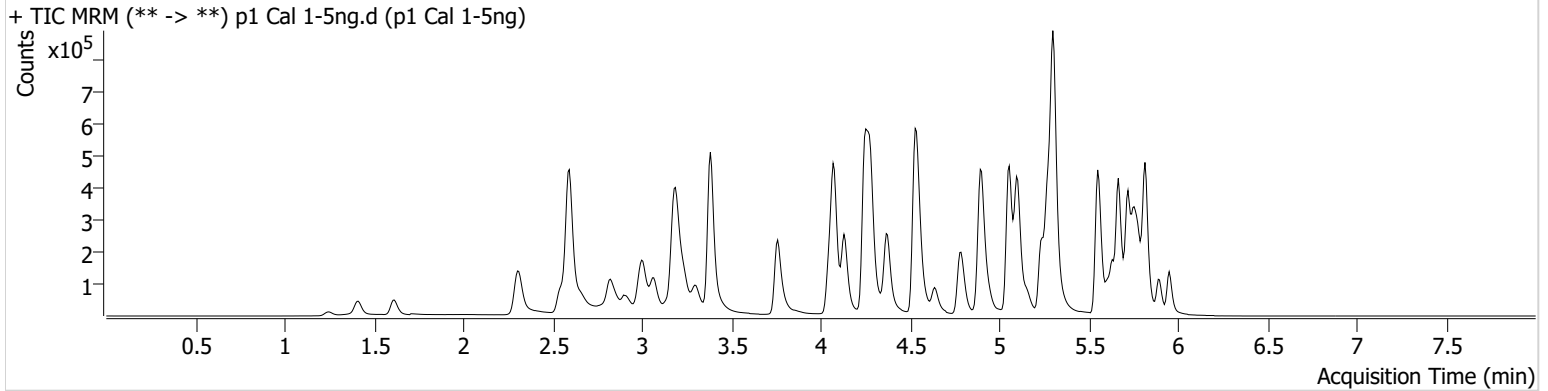
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 9:37:31 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	1127	817.06	67.6	3702.39	57348	0.5185 ng/ml
7-aminoclonazepam	4.271	21028	95.71	76.9	1454.48	152502	4.7471 ng/ml
a-hydroxyalprazolam	5.699	10435	77.31	68.1	134.40	273037	4.5839 ng/ml
alpha-PHP	4.950	17763	708.95	260.6	404.95	559416	4.9219 ng/ml
alpha-PVP	4.383	64938	3384.96	51.3	∞	559416	5.0820 ng/ml
Alprazolam	5.782	36429	214.75	114.4	893.24	273037	5.0593 ng/ml
Amphetamine	3.069	129498	993.56	50.7	617.83	355340	4.9106 ng/ml
Benzoylecgonine	3.892	1354	90.84	9.3	12.09	8471	5.0491 ng/ml
Buprenorphine	5.833	1835	250.46	14.0	495.64	112735	0.5263 ng/ml
Bupropion	4.801	67594	291.60	63.4	155.54	483448	4.9861 ng/ml
Carisoprodol	5.730	36241	38534.63	53.4	154.43	321150	6.0847 ng/ml
Citalopram	5.239	54221	1826.97	38.7	353.46	488302	5.0867 ng/ml
Clonazepam	5.612	31574	1733.71	34.4	152.59	90027	4.7953 ng/ml
Clonazepam	5.555	24194	1868.89	35.5	16714.21	90027	4.9479 ng/ml
Cocaine	4.277	47775	451.05	53.3	5779.96	834356	4.9766 ng/ml
Codeine	2.600	6590	163.57	111.2	9616.01	69711	4.7442 ng/ml
Cyclobenzaprine	5.635	38459	30456.83	7.6	187.56	294818	5.2545 ng/ml
Dextromethorphan	5.282	35366	3266.78	79.2	950.25	340207	4.9956 ng/ml
Dextrophan	4.139	19999	167.29	215.0	685.24	483982	5.0375 ng/ml
Diazepam	5.960	22706	250.20	94.2	242.91	224948	4.9269 ng/ml
Dihydrocodeine	2.572	16214	1364.88	58.6	401.42	203228	4.8314 ng/ml
Diphenhydramine	5.310	148337	454.30	31.4	13215.59	1706103	5.0946 ng/ml
Doxylamine	4.549	168120	4044.27	100.3	15439.28	1478370	5.0287 ng/ml
EDDP	5.275	48373	1226.72	41.4	621.86	549691	5.1077 ng/ml
Etizolam	5.820	13651	34579.43	24.8	11780.12	90027	5.2844 ng/ml
Fentanyl	5.116	4172	134.30	71.8	5830.71	507961	0.5072 ng/ml
Flualprazolam	5.712	14536	628.05	98.5	571.52	273037	4.8512 ng/ml
Fluoxetine	5.721	41824	58169.99	8.5	6816.92	317794	5.1359 ng/ml
Hydrocodone	3.039	25230	58.82	32.3	37.77	281000	4.8668 ng/ml
Hydromorphone	1.621	18717	730.47	80.7	98.48	134661	4.9225 ng/ml
Ketamine	4.065	49894	3369.74	37.1	143.09	437186	4.9472 ng/ml
Lamotrigine	4.294	4423	86.65	89.0	320.17	437186	4.8218 ng/ml
Levetiracetam	2.663	21025	145.06	138.7	423.48	1269495	4.9845 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	35512	627.00	51.8	87.36	90027	4.8749 ng/ml
MDA	3.216	86715	509.10	28.4	11.22	545713	4.7215 ng/ml
MDMA	3.310	47474	8320.88	95.0	791.37	114515	5.0636 ng/ml
Meprobamate	4.911	22181	1007.51	24.8	662.46	222246	4.7595 ng/ml
Methadone	5.666	85512	1044.93	51.4	444.58	715811	5.9558 ng/ml
Methamphetamine	3.238	111862	125.07	39.0	174.52	823231	4.9135 ng/ml
Metoprolol	4.340	13265	1216.58	95.6	330.30	1172780	4.7542 ng/ml
Mirtazapine	4.637	128092	446.06	46.2	724.71	559416	5.1886 ng/ml
Mitragynine	5.244	13172	9974.85	36.7	10807.79	715811	5.6412 ng/ml
Morphine	1.261	3353	28.17	23.1	7309.77	13307	4.8945 ng/ml
Norbuprenorphine	5.013	299	550.07	81.0	592.35	16155	0.4765 ng/ml
Nordiazepam	5.900	24783	8311.55	59.3	363.15	169803	4.9451 ng/ml
Norfentanyl	4.099	10973	157.16	38.1	55.22	1015306	0.5158 ng/ml
Norhydrocodone	3.086	3372	117.60	40.1	35.76	68362	5.2395 ng/ml
Noroxycodone	2.930	24376	411.94	50.0	1771.07	156306	4.9325 ng/ml
O-desmethyl-tramadol	3.389	106382	5374.67	5.6	160.05	1244774	5.0670 ng/ml
Oxazepam	5.756	46981	864.90	71.5	289.60	360621	4.9143 ng/ml
Oxycodone	2.854	46321	485.51	29.1	194.00	375261	4.9303 ng/ml
Oxymorphone	1.411	20467	207.31	46.8	86.45	133108	4.7773 ng/ml
Phentermine	3.797	30339	113.07	5.4	27.56	680621	4.8407 ng/ml
Promethazine	5.552	77274	8912.60	29.8	186.93	683449	5.0867 ng/ml
Pseudoephedrine	2.603	126395	1805.09	16.9	253.02	1269495	5.1475 ng/ml
Quetiapine	5.562	77376	1775.84	58.4	3276.58	225229	4.8716 ng/ml
Sertraline	5.796	13611	419.89	94.3	44410.93	122986	5.2334 ng/ml
Temazepam	5.823	73936	177.27	26.3	64.79	721689	5.1944 ng/ml
Tramadol	4.259	142064	3112.71	3.3	45.05	1172780	4.9564 ng/ml
Trazodone	5.156	64261	14102.77	75.4	40856.30	520283	4.9171 ng/ml
Venlafaxine	5.057	93526	591.76	35.2	197.70	1070164	5.1286 ng/ml
Zolpidem	4.921	111013	2402.13	29.9	1055.85	958442	5.0227 ng/ml

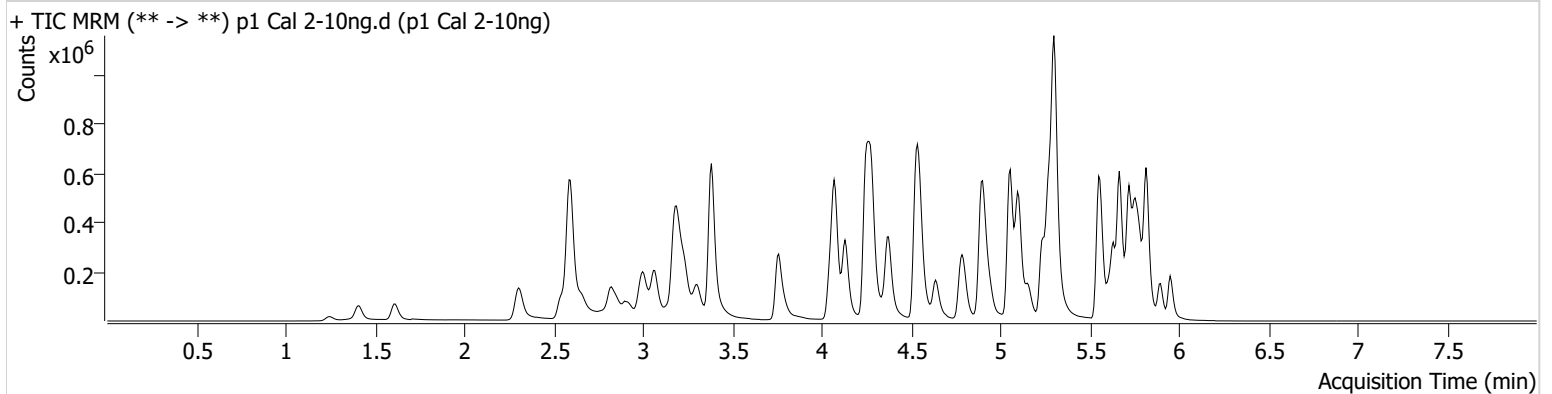
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 9:48:17 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	2412	78.99	67.6	267.22	66814	0.9567 ng/ml
7-aminoclonazepam	4.271	40788	178.94	77.0	272.16	148093	10.5110 ng/ml
a-hydroxyalprazolam	5.699	27136	186.90	65.5	298.02	307950	11.3140 ng/ml
alpha-PHP	4.950	41601	1080.14	262.8	14735.83	658053	10.1095 ng/ml
alpha-PVP	4.383	151235	1066.75	50.9	2031.30	658053	9.9022 ng/ml
Alprazolam	5.782	82692	424.03	112.0	2849.23	307950	9.9399 ng/ml
Amphetamine	3.069	288647	4335.00	51.0	528.55	406992	10.0822 ng/ml
Benzoylecgonine	3.892	3627	55.55	7.2	82.36	10318	11.1212 ng/ml
Buprenorphine	5.833	3555	210.60	14.2	853.83	129107	0.9302 ng/ml
Bupropion	4.801	159940	4412.54	64.1	1080.71	579850	9.9879 ng/ml
Carisoprodol	5.730	89792	7048.20	54.4	713.86	405465	10.4988 ng/ml
Citalopram	5.239	128060	3535.68	38.6	304.92	586269	9.8145 ng/ml
Clonazepam	5.612	93296	1210.84	35.2	241.49	122587	10.5434 ng/ml
Clonazepam	5.555	58092	1702.51	35.2	52316.52	122587	9.9270 ng/ml
Cocaine	4.277	108715	15862.30	54.4	8258.83	936852	10.1642 ng/ml
Codeine	2.593	15631	818.87	110.4	27499.24	79651	10.4366 ng/ml
Cyclobenzaprine	5.635	105166	280.59	7.6	78.53	444135	9.4455 ng/ml
Dextromethorphan	5.282	81446	1167.07	82.1	36885.72	394915	9.9938 ng/ml
Dextrophan	4.132	48402	663.37	211.9	3459.63	576266	10.0063 ng/ml
Diazepam	5.960	53112	258.03	92.0	300.13	257646	10.2067 ng/ml
Dihydrocodeine	2.572	38814	97.81	57.5	3778.65	238190	10.3103 ng/ml
Diphenhydramine	5.309	347865	20088.47	31.8	9263.54	1993618	9.8240 ng/ml
Doxylamine	4.549	371942	17019.28	100.0	8398.46	1639558	9.9346 ng/ml
EDDP	5.275	118065	6398.34	41.4	3744.23	688894	9.7926 ng/ml
Etizolam	5.820	31774	20200.92	25.4	7149.32	122587	9.2138 ng/ml
Fentanyl	5.116	9961	86.26	74.8	159526.88	607229	0.9946 ng/ml
Flualprazolam	5.705	33188	1272.32	96.0	746.17	307950	10.3282 ng/ml
Fluoxetine	5.721	96494	289.03	8.6	257.92	370072	9.7491 ng/ml
Hydrocodone	3.032	56797	69.07	32.1	106.74	317866	10.2179 ng/ml
Hydromorphone	1.621	45683	455.35	69.1	235.78	151796	10.2984 ng/ml
Ketamine	4.065	111710	539.22	37.4	399.60	510584	10.0985 ng/ml
Lamotrigine	4.294	10630	437.75	83.6	309.93	510584	10.4893 ng/ml
Levetiracetam	2.656	47236	278.92	142.2	1408.26	1464499	9.9854 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	84868	994.87	51.2	39.90	122587	10.1992 ng/ml
MDA	3.216	191645	635.47	28.6	25.30	607371	10.5026 ng/ml
MDMA	3.310	108891	2953.40	94.5	1502.26	133361	9.8726 ng/ml
Meprobamate	4.911	51884	26802.71	25.0	93.33	259010	10.5637 ng/ml
Methadone	5.666	202843	667.65	53.0	1212.22	883682	10.2724 ng/ml
Methamphetamine	3.238	244633	1979.50	39.2	280.35	970071	10.0671 ng/ml
Metoprolol	4.340	31689	2613.01	92.5	1591.78	1372374	10.5290 ng/ml
Mirtazapine	4.637	263908	832.15	46.2	2690.52	658053	9.2204 ng/ml
Mitragynine	5.243	30490	2025.30	35.8	568.13	883682	10.4768 ng/ml
Morphine	1.253	7974	1789.44	21.1	24.94	14730	10.3157 ng/ml
Norbuprenorphine	5.013	619	8307.15	80.8	1383.41	19012	1.1308 ng/ml
Nordiazepam	5.900	56124	3709.38	60.7	345.91	191910	10.0787 ng/ml
Norfentanyl	4.099	25350	143.92	35.6	263.35	1176535	0.9719 ng/ml
Norhydrocodone	3.086	7380	66.95	41.1	75.02	73439	9.5268 ng/ml
Noroxycodone	2.930	53415	1088.78	49.4	229.36	173007	10.1349 ng/ml
O-desmethyl-tramadol	3.389	242611	818.68	5.7	187.60	1437427	9.8859 ng/ml
Oxazepam	5.756	110416	156.24	75.0	254.18	436184	10.0903 ng/ml
Oxycodone	2.848	107418	847.35	29.7	294.63	429977	10.2032 ng/ml
Oxymorphone	1.411	46466	143.87	48.3	189.62	142985	10.6287 ng/ml
Phentermine	3.797	67271	261.39	5.4	19.66	791346	10.1427 ng/ml
Promethazine	5.552	170567	2728.62	30.6	814.58	760991	9.8421 ng/ml
Pseudoephedrine	2.603	285525	3412.03	17.4	1382.85	1464499	9.6804 ng/ml
Quetiapine	5.562	171836	2220.87	59.0	135.61	254047	10.2468 ng/ml
Sertraline	5.789	29946	1081.29	95.4	377.06	138475	9.7754 ng/ml
Temazepam	5.823	172970	3186.99	26.8	107.98	852724	10.1216 ng/ml
Tramadol	4.259	292569	668.70	3.1	109.03	1372374	10.0143 ng/ml
Trazodone	5.156	151904	29237.49	75.8	3654.89	614129	10.2188 ng/ml
Venlafaxine	5.057	217804	1853.53	34.5	95.64	1278718	9.6967 ng/ml
Zolpidem	4.921	255313	2736.00	30.9	2579.38	1145917	9.8272 ng/ml

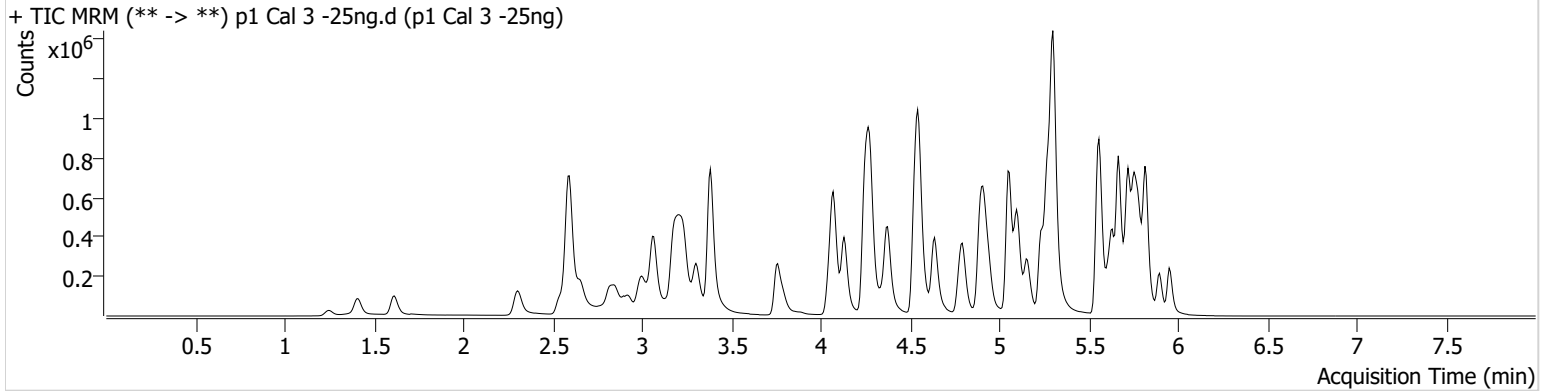


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-C1 **Comment**
Injection Volume 2
Acq. Date-Time 2/2/2022 9:58:53 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	5785	21264.95	75.6	151.99	66334	2.3194 ng/ml
7-aminoclonazepam	4.265	110543	5163.64	79.5	7535.17	163434	27.3148 ng/ml
a-hydroxyalprazolam	5.699	63238	337.51	68.2	343.36	308304	27.0935 ng/ml
alpha-PHP	4.944	100871	1972.40	257.9	578.11	636171	25.8281 ng/ml
alpha-PVP	4.376	358403	674.50	51.4	2219.77	636171	24.0378 ng/ml
Alprazolam	5.775	203870	487.47	111.8	1404.85	308304	24.1276 ng/ml
Amphetamine	3.069	693096	8317.62	50.4	8113.14	390395	26.0736 ng/ml
Benzoylcegonine	3.892	7213	296.95	7.3	82.42	9802	23.2945 ng/ml
Buprenorphine	5.833	8120	579.99	16.7	1220.30	122569	2.3195 ng/ml
Bupropion	4.801	376029	443005.31	63.8	295.47	543282	25.2977 ng/ml
Carisoprodol	5.730	203996	961.54	53.5	389.34	376731	23.5060 ng/ml
Citalopram	5.232	300173	311.37	38.8	1263.24	549847	24.2315 ng/ml
Clonazepam	5.612	219974	5705.98	35.7	682.79	116840	26.2554 ng/ml
Clonazepam	5.555	134349	12484.36	35.7	45473.52	116840	26.3339 ng/ml
Cocaine	4.277	254632	15942.06	54.7	235.17	899564	24.9037 ng/ml
Codeine	2.593	37601	3068.97	105.4	4754.56	76263	27.0473 ng/ml
Cyclobenzaprine	5.635	256728	11111.63	7.5	117.14	440795	23.0675 ng/ml
Dextromethorphan	5.282	191803	6138.20	79.3	448.98	367945	25.3889 ng/ml
Dextrophan	4.132	112034	860.89	216.3	1430.15	538013	24.4739 ng/ml
Diazepam	5.960	125194	618.46	91.7	1163.69	245530	25.4503 ng/ml
Dihydrocodeine	2.572	91296	328.87	60.6	2920.09	223117	26.5312 ng/ml
Diphenhydramine	5.303	840496	18355.15	31.3	∞	1910505	24.1643 ng/ml
Doxylamine	4.550	937299	10291.32	99.5	4044.64	1640672	24.8707 ng/ml
EDDP	5.268	313801	22327.67	42.2	7154.16	735371	24.1392 ng/ml
Etizolam	5.820	77299	2621.78	25.4	29554.55	116840	23.9136 ng/ml
Fentanyl	5.109	23528	114.60	79.8	29560.14	587679	2.4010 ng/ml
Flualprazolam	5.705	80774	1675.50	99.1	2043.08	308304	25.8179 ng/ml
Fluoxetine	5.721	243677	21667.34	9.1	108762.63	368163	24.0790 ng/ml
Hydrocodone	3.032	135907	155.29	33.1	238.57	305649	26.2278 ng/ml
Hydromorphone	1.615	114425	1061.04	68.7	2647.35	152719	25.1786 ng/ml
Ketamine	4.065	260688	10706.92	38.7	1422.25	491847	25.4169 ng/ml
Lamotrigine	4.294	24807	395.34	87.0	2640.80	491847	26.1741 ng/ml
Levetiracetam	2.656	114601	787.06	140.7	1905.94	1398381	25.8240 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	192145	776.09	50.0	215.54	116840	27.2210 ng/ml
MDA	3.209	450230	817.00	30.0	106.52	582872	27.3665 ng/ml
MDMA	3.310	256474	34217.86	93.9	1075.05	126570	24.3472 ng/ml
Meprobamate	4.911	119728	10054.11	24.1	156.95	244996	27.2159 ng/ml
Methadone	5.666	478385	1600.04	53.8	28336.54	850338	23.3321 ng/ml
Methamphetamine	3.238	566345	2745.19	39.5	1229.46	916710	26.2691 ng/ml
Metoprolol	4.340	73110	3340.69	94.8	1656.27	1309507	26.5784 ng/ml
Mirtazapine	4.637	674663	2842.46	46.8	5007.08	636171	24.6727 ng/ml
Mitragynine	5.244	62586	698.18	35.9	421.10	850338	22.2174 ng/ml
Morphine	1.253	20404	9894.15	20.8	27.71	14813	25.9824 ng/ml
Norbuprenorphine	5.006	1074	1247.29	95.2	961.44	18125	2.3693 ng/ml
Nordiazepam	5.900	137146	908.25	59.5	522.43	186870	25.5482 ng/ml
Norfentanyl	4.099	61887	216.53	35.0	2098.51	1134157	2.3746 ng/ml
Norhydrocodone	3.080	17889	216.18	40.9	69.41	68787	22.8977 ng/ml
Noroxycodone	2.930	127331	429.63	49.1	225.23	165267	25.8551 ng/ml
O-desmethyl-tramadol	3.389	574612	13266.68	5.8	288.22	1359173	24.5759 ng/ml
Oxazepam	5.756	251205	6724.71	73.2	1512.03	397135	26.0739 ng/ml
Oxycodone	2.848	254131	2787.85	29.1	673.02	417083	25.2007 ng/ml
Oxymorphone	1.411	109008	268.91	47.8	∞	139715	26.1875 ng/ml
Phentermine	3.797	160283	190.35	5.4	137.65	748155	27.0889 ng/ml
Promethazine	5.552	438903	726.38	29.7	1830.95	781133	24.3017 ng/ml
Pseudoephedrine	2.603	692597	11909.64	17.2	243.38	1398381	23.9502 ng/ml
Quetiapine	5.562	420962	5148.50	58.6	5586.17	253477	26.1433 ng/ml
Sertraline	5.789	82468	946.91	92.9	7482.74	146909	24.6208 ng/ml
Temazepam	5.823	387691	843.80	28.0	737.78	778472	24.6077 ng/ml
Tramadol	4.259	649062	2226.35	3.2	185.28	1309507	25.5352 ng/ml
Trazodone	5.156	359278	273.16	78.7	40468.60	602152	25.1737 ng/ml
Venlafaxine	5.057	519681	1955.89	34.0	582.05	1190188	24.3650 ng/ml
Zolpidem	4.914	609286	4049.61	30.4	25376.44	1078677	25.1891 ng/ml

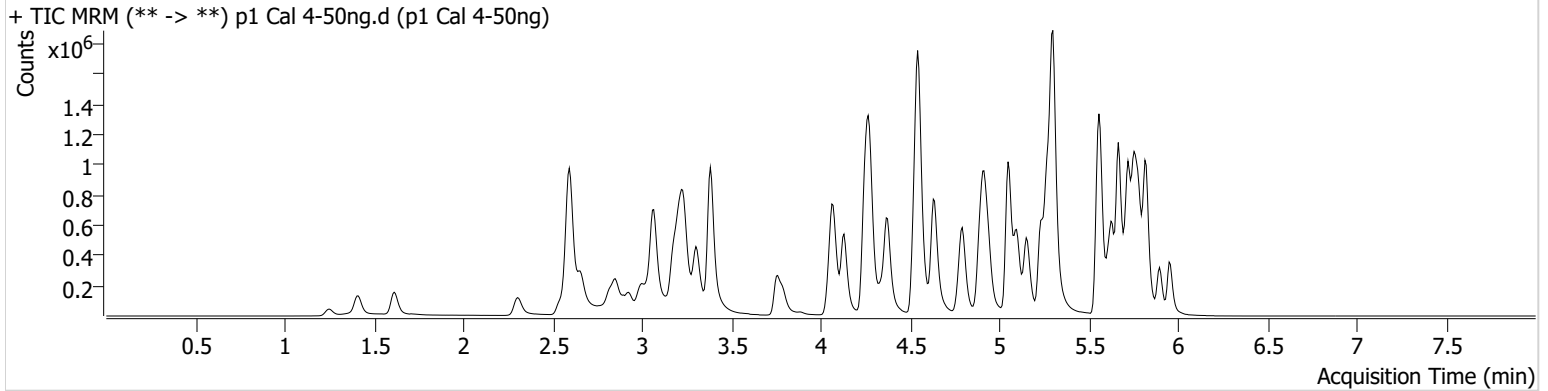
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 10:09:30 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	12206	865.73	68.0	568.27	65442	4.9673 ng/ml
7-aminoclonazepam	4.265	214406	3480.31	80.2	2097.50	165409	53.2917 ng/ml
a-hydroxyalprazolam	5.699	116239	314.17	68.1	391.89	295295	52.5196 ng/ml
alpha-PHP	4.944	189867	2922.56	260.3	3277.58	612385	50.8030 ng/ml
alpha-PVP	4.376	696955	2165.50	52.1	1344.76	612385	48.3940 ng/ml
Alprazolam	5.775	399391	954.39	111.5	750.38	295295	49.0991 ng/ml
Amphetamine	3.069	1384737	3057.75	47.7	5811.31	382492	53.7462 ng/ml
Benzoylecgonine	3.886	14041	320.68	7.8	68.83	9210	48.2690 ng/ml
Buprenorphine	5.833	16818	584.85	15.2	3560.14	123066	4.8458 ng/ml
Bupropion	4.795	749270	42303.47	63.5	5585.73	544291	50.4682 ng/ml
Carisoprodol	5.730	394667	∞	54.1	2355.17	355616	46.6044 ng/ml
Citalopram	5.232	594816	7914.62	38.9	8846.22	537315	48.9324 ng/ml
Clonazepam	5.612	432050	23431.09	34.9	19258.82	116064	52.0279 ng/ml
Clonazepam	5.555	258429	9923.31	36.9	1468.10	116064	52.4687 ng/ml
Cocaine	4.277	493988	568932.39	55.4	658.45	888996	48.9615 ng/ml
Codeine	2.593	73393	475.38	104.2	200.59	72419	56.1713 ng/ml
Cyclobenzaprine	5.635	480107	409.86	7.7	123.16	408148	46.4736 ng/ml
Dextromethorphan	5.282	373237	29854.26	78.9	17109.77	370990	49.0783 ng/ml
Dextrophan	4.132	222963	1056.71	213.8	1200.50	535435	48.7151 ng/ml
Diazepam	5.960	248721	1301.77	91.4	5250.57	249049	49.9805 ng/ml
Dihydrocodeine	2.572	182926	6353.60	60.4	1729.88	224587	53.2321 ng/ml
Diphenhydramine	5.303	1634820	446.52	31.8	23025.75	1846554	48.2266 ng/ml
Doxylamine	4.543	1931172	1152.95	99.5	73697.62	1717881	48.8452 ng/ml
EDDP	5.268	522327	80483.85	42.2	12210.12	612079	48.1105 ng/ml
Etizolam	5.820	147065	11074.65	26.5	1228.92	116064	46.0345 ng/ml
Fentanyl	5.109	46824	191.25	76.0	∞	575451	4.8610 ng/ml
Flualprazolam	5.705	155792	6097.74	99.4	4181.43	295295	52.4924 ng/ml
Fluoxetine	5.721	428335	25320.14	8.7	20683.76	329559	46.8655 ng/ml
Hydrocodone	3.032	269429	440.44	32.7	310.57	303887	52.8311 ng/ml
Hydromorphone	1.615	222493	6761.02	74.4	429191.34	148377	50.0815 ng/ml
Ketamine	4.065	512361	13584.20	38.8	1763.57	491139	50.6753 ng/ml
Lamotrigine	4.294	48513	922.90	81.0	1457.53	491139	51.7736 ng/ml
Levetiracetam	2.656	213324	1724.48	140.9	4402.17	1365759	49.4842 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	348297	2739.36	50.9	823.83	116064	51.4684 ng/ml
MDA	3.209	849156	1784.08	29.1	271.77	557172	55.1079 ng/ml
MDMA	3.303	513950	8140.21	92.2	3008.31	124028	49.6806 ng/ml
Meprobamate	4.911	223972	275.55	25.2	1048.60	241249	52.6056 ng/ml
Methadone	5.666	942276	1347.85	52.4	641.82	835646	45.4885 ng/ml
Methamphetamine	3.238	1108570	612.96	39.0	4281.66	933472	51.5178 ng/ml
Metoprolol	4.340	143910	488085.45	94.2	4948.14	1286537	54.0446 ng/ml
Mirtazapine	4.631	1357200	18060.00	46.4	59280.42	612385	51.7537 ng/ml
Mitragynine	5.244	135942	539.05	35.9	33195.42	835646	48.9668 ng/ml
Morphine	1.253	39250	982.86	19.4	292.50	15224	48.4798 ng/ml
Norbuprenorphine	5.006	1949	60.41	102.1	4318.03	18168	4.5967 ng/ml
Nordiazepam	5.900	266286	2298.08	60.0	661.84	182639	50.9210 ng/ml
Norfentanyl	4.093	122221	97633.28	36.1	158.90	1119151	4.6958 ng/ml
Norhydrocodone	3.080	34085	230.82	39.0	35.16	63821	45.8576 ng/ml
Noroxycodone	2.930	238494	532.98	48.6	149.51	161098	50.0278 ng/ml
O-desmethyl-tramadol	3.389	1136337	2647.64	5.7	397.73	1371011	48.0620 ng/ml
Oxazepam	5.756	469285	3777.10	74.2	2903.16	376421	51.9476 ng/ml
Oxycodone	2.848	513176	1165.43	29.4	1366.33	420649	50.6773 ng/ml
Oxymorphone	1.412	226782	∞	43.9	∞	146923	52.2754 ng/ml
Phentermine	3.790	314401	927.54	5.6	1330.24	748587	54.0700 ng/ml
Promethazine	5.552	778118	1034.43	30.1	465.23	696135	48.1010 ng/ml
Pseudoephedrine	2.603	1368458	11255.93	17.0	23143.23	1365759	48.0257 ng/ml
Quetiapine	5.562	837643	3174.01	59.4	330.20	254944	52.3832 ng/ml
Sertraline	5.789	144450	374.97	92.9	291.16	127625	49.1612 ng/ml
Temazepam	5.823	777738	1137.21	26.9	253.19	771009	49.6720 ng/ml
Tramadol	4.259	1244157	6702.55	3.3	187.24	1286537	51.4376 ng/ml
Trazodone	5.149	710689	114641.83	77.1	29474.40	587126	51.4520 ng/ml
Venlafaxine	5.050	1031310	5853.58	35.0	664.66	1200173	47.6453 ng/ml
Zolpidem	4.914	1216470	120560.56	30.2	19272.71	1060907	51.3184 ng/ml

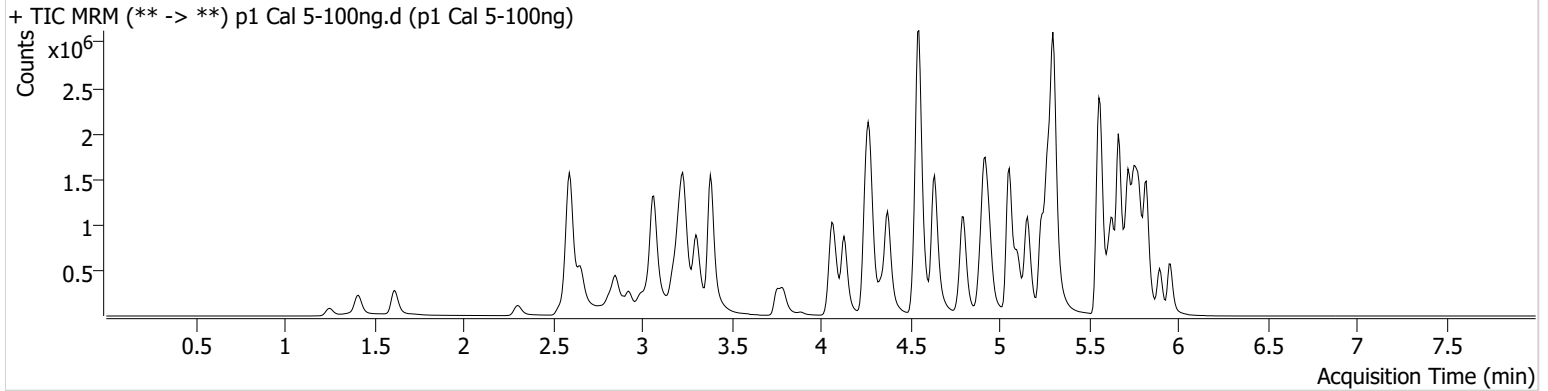


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument Falco (069901) Data File p1 Cal 5-100ng.d
Type Cal Sample p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P6-E1 Comment
Injection Volume 2
Acq. Date-Time 2/2/2022 10:20:06 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	25577	426.47	70.1	1549.39	69758	9.7701 ng/ml
7-aminoclonazepam	4.265	385584	994.90	79.1	4945.22	152701	104.7925 ng/ml
a-hydroxyalprazolam	5.699	206864	491.89	67.0	1491.12	283202	97.9458 ng/ml
alpha-PHP	4.944	413078	2215.26	257.2	13322.24	648949	104.6297 ng/ml
alpha-PVP	4.376	1494785	107024.68	52.1	1171.14	648949	97.7778 ng/ml
Alprazolam	5.782	768958	978.50	110.8	2448.79	283202	98.3270 ng/ml
Amphetamine	3.069	2735245	13258.42	47.7	459.96	409997	99.5099 ng/ml
Benzoylecgonine	3.892	28002	515.05	7.7	19.34	8856	100.1316 ng/ml
Buprenorphine	5.833	36165	2845.04	14.9	13300.28	131329	9.8234 ng/ml
Bupropion	4.801	1582528	111511.55	64.1	19193.79	583166	99.6389 ng/ml
Carisoprodol	5.730	686845	10990.24	54.8	2782.35	317578	89.3993 ng/ml
Citalopram	5.232	1248517	26881.16	38.5	1221.05	556479	98.9682 ng/ml
Clonazepam	5.612	807521	2958.56	35.0	15901.08	110176	102.5536 ng/ml
Clonazepam	5.555	463554	25286.35	36.3	445261.01	110176	100.5462 ng/ml
Cocaine	4.277	1008340	49364.75	54.9	2623.21	908241	97.9001 ng/ml
Codeine	2.593	144964	2009.26	102.0	8588.71	77020	104.7894 ng/ml
Cyclobenzaprine	5.635	1067561	16626.77	7.5	9323.93	440047	95.7269 ng/ml
Dextromethorphan	5.282	768336	2483.54	79.2	14269.47	375135	100.0021 ng/ml
Dextrophan	4.132	468222	73946.39	217.2	941.23	560368	97.5227 ng/ml
Diazepam	5.960	496274	6591.90	91.5	518.70	245419	101.3435 ng/ml
Dihydrocodeine	2.572	374219	235.57	61.0	122.61	240954	101.8865 ng/ml
Diphenhydramine	5.303	3467824	129522.94	31.2	26111.25	1927755	97.5802 ng/ml
Doxylamine	4.549	3892417	20410.94	97.4	6793.81	1677529	100.7157 ng/ml
EDDP	5.275	1241143	1732.29	42.1	22899.97	717238	97.3904 ng/ml
Etizolam	5.820	283101	5700.40	27.1	133341.61	110176	93.6151 ng/ml
Fentanyl	5.116	103103	3149.36	74.5	878893.62	632431	9.7207 ng/ml
Flualprazolam	5.705	295319	8578.79	101.1	509.72	283202	104.2374 ng/ml
Fluoxetine	5.721	919531	28540.16	8.8	3913.31	341388	96.6568 ng/ml
Hydrocodone	3.032	546513	221.66	33.5	1262.17	319291	102.4937 ng/ml
Hydromorphone	1.621	469679	1707454.86	74.8	1378672.24	158131	98.8966 ng/ml
Ketamine	4.065	1074438	43208.50	38.4	2934.68	516360	101.7437 ng/ml
Lamotrigine	4.294	98516	1185.21	85.2	26674.95	516360	100.5007 ng/ml
Levetiracetam	2.656	430532	3874.56	142.5	410.71	1413221	96.7942 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	560018	1540.52	50.8	3505.85	110176	88.6878 ng/ml
MDA	3.209	1625085	8205.75	28.7	425.34	557020	106.5378 ng/ml
MDMA	3.303	1061111	4574.44	94.1	3916.98	128594	98.8266 ng/ml
Meprobamate	4.911	419609	199.17	24.6	434.17	240197	99.8725 ng/ml
Methadone	5.666	2066193	1245.72	51.8	25433.56	872189	94.1670 ng/ml
Methamphetamine	3.238	2337806	840.46	38.6	4436.39	986865	103.8674 ng/ml
Metoprolol	4.340	295059	8157.25	95.7	19778.73	1370815	104.7260 ng/ml
Mirtazapine	4.637	2738142	3031.17	45.8	17959.96	648949	98.6895 ng/ml
Mitragynine	5.244	283822	2136.18	36.4	3754.17	872189	97.8351 ng/ml
Morphine	1.253	81399	173.94	20.9	358.07	15266	100.0799 ng/ml
Norbuprenorphine	5.006	4359	2389.98	92.0	3523.44	19513	9.9865 ng/ml
Nordiazepam	5.900	516784	32500.97	59.7	23109.48	177644	101.7701 ng/ml
Norfentanyl	4.099	248639	22351.83	36.6	395.13	1137800	9.3395 ng/ml
Norhydrocodone	3.080	69685	117.28	40.0	∞	60997	96.8325 ng/ml
Noroxycodone	2.923	473392	1759.85	49.2	1189.94	160619	99.9717 ng/ml
O-desmethyl-tramadol	3.383	2460252	86526.19	5.8	6740.60	1461010	97.5199 ng/ml
Oxazepam	5.756	799780	20200.22	75.6	423.64	331066	101.1986 ng/ml
Oxycodone	2.848	1081137	2319.86	29.1	1350.23	441749	101.8858 ng/ml
Oxymorphone	1.411	436421	∞	46.5	∞	149351	99.3904 ng/ml
Phentermine	3.790	636782	∞	5.5	466.90	796131	103.8810 ng/ml
Promethazine	5.552	1849624	41293.60	30.2	918.92	805671	98.5340 ng/ml
Pseudoephedrine	2.603	2849672	71262.36	17.0	17433.59	1413221	96.2279 ng/ml
Quetiapine	5.562	1606439	701.94	60.4	724.45	254973	101.0701 ng/ml
Sertraline	5.796	310947	1391.76	93.0	579.01	136742	98.2937 ng/ml
Temazepam	5.823	1402084	12892.95	26.9	588.53	693253	99.4236 ng/ml
Tramadol	4.259	2556650	6738.84	3.3	504.23	1370815	100.7802 ng/ml
Trazodone	5.156	1553570	1132.56	77.9	71028.40	644799	102.7815 ng/ml
Venlafaxine	5.057	2188384	134148.92	33.9	21802.41	1252464	96.5544 ng/ml
Zolpidem	4.921	2535351	16185.07	29.6	86558.95	1135435	100.1064 ng/ml

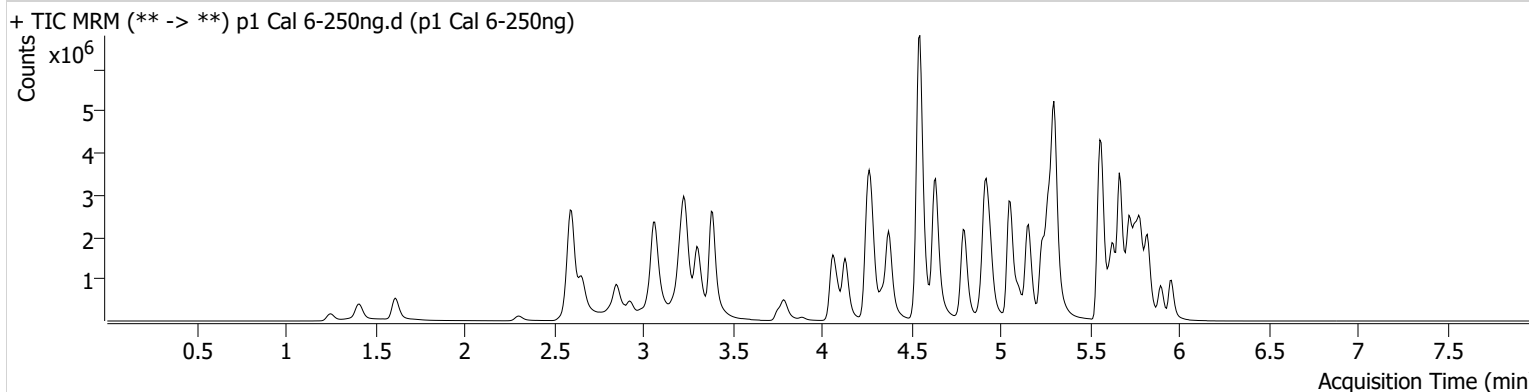
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 10:30:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	57565	478.08	69.4	558.90	60183	25.4970 ng/ml
7-aminoclonazepam	4.265	702951	8679.43	79.8	8573.32	122227	239.9948 ng/ml
a-hydroxyalprazolam	5.699	342090	685.56	67.3	828.48	219570	209.5582 ng/ml
alpha-PPH	4.944	843333	2174.09	261.4	126407.51	550822	252.1043 ng/ml
alpha-PVP	4.376	3225195	1058.48	52.0	117435.99	550822	248.3013 ng/ml
Alprazolam	5.782	1544934	∞	108.7	1226.09	219570	254.4208 ng/ml
Amphetamine	3.069	5266830	679.98	47.9	1579.95	351526	224.1742 ng/ml
Benzoylecgonine	3.892	72895	313.10	8.3	524.69	9467	243.8636 ng/ml
Buprenorphine	5.833	77291	42738.45	15.4	36420.02	112140	24.6730 ng/ml
Bupropion	4.801	3449407	241303.75	64.0	38744.49	498223	254.4502 ng/ml
Carisoprodol	5.730	1176015	21111.20	54.0	1516.09	205127	234.5093 ng/ml
Citalopram	5.232	2578249	158349.07	38.3	41075.51	448266	253.4006 ng/ml
Clonazepam	5.612	1395228	5594.18	35.0	5846546.18	80595	242.3856 ng/ml
Clonazepam	5.555	760258	8465.58	37.4	11122.65	80595	227.3820 ng/ml
Cocaine	4.277	2125153	2985.63	54.5	154722.67	742774	252.4170 ng/ml
Codeine	2.593	282233	8388.96	100.9	8769.50	63929	246.5278 ng/ml
Cyclobenzaprine	5.635	2230842	25958.06	7.4	273.80	348296	252.5465 ng/ml
Dextromethorphan	5.282	1514951	58326.85	78.6	35010.86	298394	248.0125 ng/ml
Dextrophan	4.132	992981	747.92	215.3	39287.75	469810	246.3415 ng/ml
Diazepam	5.960	981934	36812.22	91.8	1200.36	192834	255.4111 ng/ml
Dihydrocodeine	2.572	787395	9397.07	60.2	12091.46	208002	248.9529 ng/ml
Diphenhydramine	5.303	7361396	98565.80	30.6	49094.56	1524942	261.1874 ng/ml
Doxylamine	4.550	9022792	7354.32	98.9	17370.67	1520106	257.4892 ng/ml
EDDP	5.268	2453966	143328.52	41.6	38913.15	545509	252.9157 ng/ml
Etizolam	5.820	561286	18133.16	26.3	836.19	80595	254.1628 ng/ml
Fentanyl	5.109	229572	8738.91	76.2	9434.65	557267	24.5357 ng/ml
Flualprazolam	5.705	565048	8215.81	100.4	3787.59	219570	257.9691 ng/ml
Fluoxetine	5.727	1744927	76433.19	8.6	35374.43	251181	248.6043 ng/ml
Hydrocodone	3.032	1127776	1389.64	34.4	718.37	275359	245.9973 ng/ml
Hydromorphone	1.615	1020296	3908896.40	74.5	2539394.41	139280	243.4593 ng/ml
Ketamine	4.065	2354236	787093.77	37.9	7625.81	454111	254.4929 ng/ml
Lamotrigine	4.294	193242	1043.74	85.6	10521.90	454111	224.8172 ng/ml
Levetiracetam	2.663	893522	9864.35	144.3	8908.73	1162618	244.6342 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	732774	22745.27	50.5	2711.88	80595	160.3555 ng/ml
MDA	3.209	2979556	10096.04	28.6	309.89	443113	247.0397 ng/ml
MDMA	3.310	2280989	125552.33	94.1	6002.80	110400	247.2948 ng/ml
Meprobamate	4.911	718487	26431.30	25.0	3425.37	193809	213.0662 ng/ml
Methadone	5.666	4323475	1675.94	51.0	3291.92	711041	239.7084 ng/ml
Methamphetamine	3.238	5033640	25299.43	38.6	766.12	896794	247.6207 ng/ml
Metoprolol	4.340	609737	5378.54	96.3	8466.65	1126354	264.5833 ng/ml
Mirtazapine	4.637	6170257	3917.43	45.0	4021.80	550822	262.3026 ng/ml
Mitragynine	5.244	586890	3234.78	36.1	2676.62	711041	247.9761 ng/ml
Morphine	1.253	184516	293.47	20.2	375.56	13265	260.8071 ng/ml
Norbuprenorphine	5.006	9248	50.80	100.9	89.29	17122	24.6872 ng/ml
Nordiazepam	5.900	975121	1304.58	59.2	10290.52	134749	253.4120 ng/ml
Norfentanyl	4.099	561116	22164.14	36.5	3716.72	940992	25.3873 ng/ml
Norhydrocodone	3.080	151200	∞	40.7	174.89	48604	261.7722 ng/ml
Noroxycodone	2.930	913228	3725.30	48.7	2029.50	123534	251.3210 ng/ml
O-desmethyl-tramadol	3.389	5431834	230285.70	5.6	5448.53	1237262	254.0453 ng/ml
Oxazepam	5.756	1216660	12255.48	73.1	8334.86	201588	253.6874 ng/ml
Oxycodone	2.848	2368212	3355.60	29.6	1783.36	389554	253.4077 ng/ml
Oxymorphone	1.411	927776	∞	45.7	∞	126714	249.7578 ng/ml
Phentermine	3.797	1308348	1618.09	5.4	2648.64	697617	244.9274 ng/ml
Promethazine	5.552	3880127	2846.47	29.4	1152.05	662931	250.8292 ng/ml
Pseudoephedrine	2.603	6065558	97543.99	16.7	74254.61	1162618	248.3101 ng/ml
Quetiapine	5.562	3361919	∞	59.9	58419.32	218066	248.2941 ng/ml
Sertraline	5.796	613206	3497.37	91.3	10999.17	103873	254.4230 ng/ml
Temazepam	5.823	2316486	2467.22	26.8	571.72	463543	245.4218 ng/ml
Tramadol	4.259	5391924	241761.16	3.2	390.46	1126354	261.3360 ng/ml
Trazodone	5.156	3407527	105585.14	77.7	94689.76	570737	255.2379 ng/ml
Venlafaxine	5.050	4876952	176258.81	33.2	5335.15	1064333	252.7012 ng/ml
Zolpidem	4.914	5593714	8824.04	28.5	2242.49	991807	253.1215 ng/ml

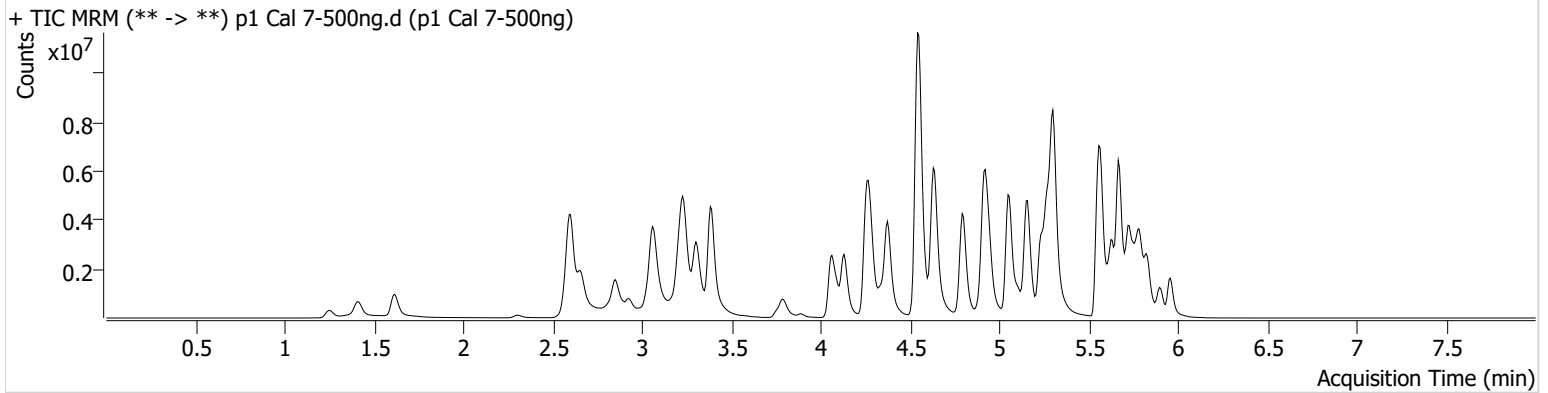
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 10:41:18 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	113719	431.48	69.3	487.34	58999	51.3855 ng/ml
7-aminoclonazepam	4.265	1009798	16768.63	78.7	6490.56	101339	416.5738 ng/ml
a-hydroxyalprazolam	5.692	409692	595.77	69.0	378.18	180915	304.8519 ng/ml
alpha-PHP	4.944	1587931	66090.03	261.9	285300.19	531463	492.2816 ng/ml
alpha-PVP	4.376	6489787	272040.58	51.4	17870.68	531463	517.6583 ng/ml
Alprazolam	5.775	2586549	777.44	107.8	776.12	180915	516.7177 ng/ml
Amphetamine	3.063	8729652	289.29	47.4	295.46	347309	376.4523 ng/ml
Benzoylcegonine	3.886	145093	13794.78	8.1	254.01	9267	495.8619 ng/ml
Buprenorphine	5.840	151285	18112.69	14.8	38603.65	104917	51.6818 ng/ml
Bupropion	4.795	7119398	164114.34	62.4	57837.98	518633	504.6571 ng/ml
Carisoprodol	5.730	1626365	18102.92	53.2	10389.13	132751	499.4255 ng/ml
Citalopram	5.232	4788299	144703.84	38.1	67286.86	404696	521.0699 ng/ml
Clonazepam	5.612	2023375	2320.23	34.6	40584.93	62917	450.3774 ng/ml
Clonazepam	5.555	942208	5150.65	38.5	11931.06	62917	361.9056 ng/ml
Cocaine	4.277	3729099	86435.34	54.8	46454.06	650401	505.9108 ng/ml
Codeine	2.593	471125	3339.02	99.1	198.97	56715	464.3460 ng/ml
Cyclobenzaprine	5.635	4440709	1637.12	7.1	15009.44	328129	533.4908 ng/ml
Dextromethorphan	5.282	2638581	25787.92	79.3	94304.82	257339	500.9612 ng/ml
Dextrophan	4.132	1911578	911.33	220.2	77947.62	436176	510.5551 ng/ml
Diazepam	5.960	1812363	∞	91.9	∞	184903	491.7611 ng/ml
Dihydrocodeine	2.565	1458542	15882.47	61.1	1718.33	222684	431.0556 ng/ml
Diphenhydramine	5.303	13436696	85423.24	31.6	35067.08	1397932	519.6643 ng/ml
Doxylamine	4.543	16875165	10521.47	98.2	161760.26	1475702	495.9778 ng/ml
EDDP	5.268	4775438	81827.56	41.5	49400.64	521684	514.4843 ng/ml
Etizolam	5.820	1026648	3271.25	26.8	4771.43	62917	595.8551 ng/ml
Fentanyl	5.109	528917	31267.38	72.7	235.16	603307	52.1939 ng/ml
Flualprazolam	5.705	879010	15975.58	108.2	21670.63	180915	487.4902 ng/ml
Fluoxetine	5.727	3200356	159219.70	8.7	4206.01	223683	511.5549 ng/ml
Hydrocodone	3.032	2144612	386.62	33.4	525.12	264399	487.7155 ng/ml
Hydromorphone	1.615	2013541	5638478.07	74.6	3051799.11	134135	498.5683 ng/ml
Ketamine	4.059	4604472	137894.84	36.7	2603.50	449537	503.4612 ng/ml
Lamotrigine	4.294	312663	9935.87	86.3	62112.55	449537	367.7905 ng/ml
Levetiracetam	2.663	1647026	2834.17	145.5	7894.64	1024969	511.8119 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	790239	145680.17	50.9	2250.73	62917	222.3508 ng/ml
MDA	3.209	4638467	5556.67	26.3	981.59	369312	462.4279 ng/ml
MDMA	3.303	4307434	93968.04	93.7	17885.01	102439	503.1774 ng/ml
Meprobamate	4.904	1012426	12999.37	24.6	685.83	182358	319.5858 ng/ml
Methadone	5.666	8885065	139869.19	48.6	7714.66	675607	516.9770 ng/ml
Methamphetamine	3.238	9542939	2384.42	37.8	24677.50	937117	450.1499 ng/ml
Metoprolol	4.340	1055774	97469.95	97.5	27469.29	1094176	472.2242 ng/ml
Mirtazapine	4.631	11658231	133750.88	44.0	145313.07	531463	513.8221 ng/ml
Mitragynine	5.243	1077183	2390.61	36.2	2064.27	675607	478.9008 ng/ml
Morphine	1.253	354478	145.11	19.7	478.03	13528	491.1635 ng/ml
Norbuprenorphine	5.006	19875	150.22	96.7	921.41	17793	51.4632 ng/ml
Nordiazepam	5.900	1596089	73725.05	58.1	8339.58	111935	499.4888 ng/ml
Norfentanyl	4.093	1126220	1173.69	36.4	115.86	827040	57.9030 ng/ml
Norhydrocodone	3.080	302795	508.10	41.1	429.61	44173	575.4763 ng/ml
Noroxycodone	2.923	1525269	3054.56	49.0	6888.52	104307	497.4992 ng/ml
O-desmethyl-tramadol	3.383	10851874	∞	5.5	25161.30	1211128	518.3614 ng/ml
Oxazepam	5.756	1268482	8413.54	73.4	29112.19	112315	475.2217 ng/ml
Oxycodone	2.848	4609696	9907.33	29.6	5979.77	392380	489.9069 ng/ml
Oxymorphone	1.411	1721616	258.14	45.5	218.43	120011	489.8033 ng/ml
Phentermine	3.790	2248537	∞	5.4	527.52	705293	417.0564 ng/ml
Promethazine	5.552	8119869	114290.58	28.6	3523.28	665056	522.9615 ng/ml
Pseudoephedrine	2.603	11237793	136677.23	16.4	57481.00	1024969	521.3735 ng/ml
Quetiapine	5.569	5543727	60261.07	61.9	394.23	197829	451.8676 ng/ml
Sertraline	5.796	1156763	27276.07	91.2	57973.51	97929	508.6068 ng/ml
Temazepam	5.830	3224098	27680.35	26.0	6078.71	323208	489.7248 ng/ml
Tramadol	4.252	10053235	235930.68	3.1	2690.86	1094176	503.1529 ng/ml
Trazodone	5.156	7288344	158484.33	78.9	161182.12	624630	499.1788 ng/ml
Venlafaxine	5.050	9555859	6403.58	33.0	45706.64	1005088	523.9884 ng/ml
Zolpidem	4.914	10765953	239002.25	27.5	250650.91	1001472	482.6318 ng/ml

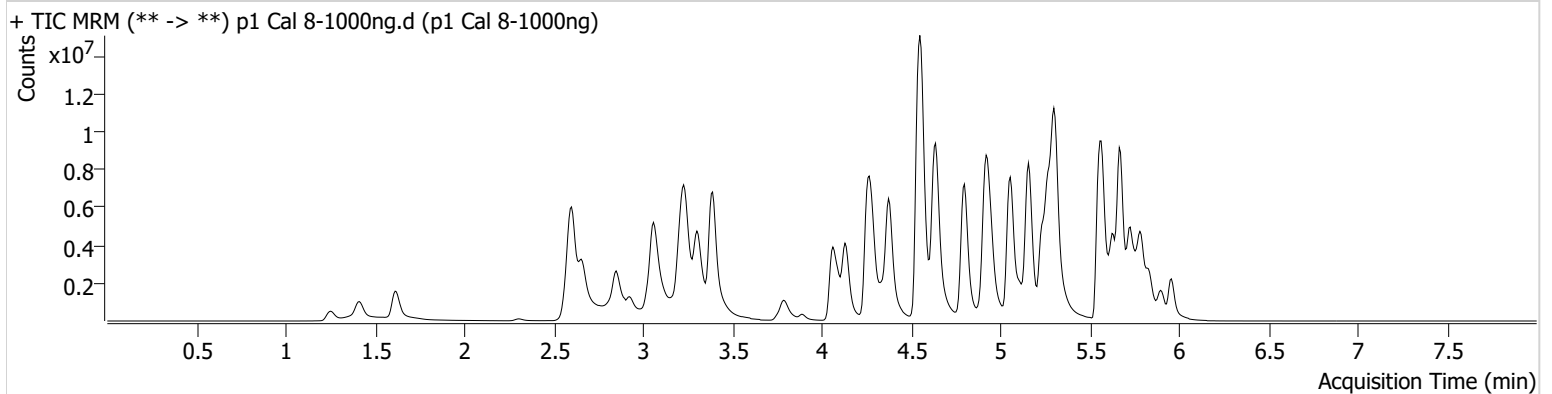
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\2-2-22 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 2/4/2022 12:07:35 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	2/2/2022 10:51:55 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	213252	3026.74	69.1	50916.90	53610	106.0535 ng/ml
7-aminoclonazepam	4.271	924644	21412.48	79.0	∞	64015	604.3126 ng/ml
a-hydroxyalprazolam	5.692	431261	360.43	69.1	583.63	130262	445.9485 ng/ml
alpha-PHP	4.950	2603148	81876.52	264.2	145959.00	468263	916.2043 ng/ml
alpha-PVP	4.376	11685025	122437.13	51.3	147384.21	468263	1057.6854 ng/ml
Alprazolam	5.775	3650676	348.39	106.4	298.38	130262	1012.6617 ng/ml
Amphetamine	3.063	12897831	213.74	47.4	59074.35	306472	630.6860 ng/ml
Benzoylecgonine	3.892	314302	916.10	8.1	147.29	9832	1012.4091 ng/ml
Buprenorphine	5.840	282781	19627.14	14.6	84098.03	90767	111.7295 ng/ml
Bupropion	4.801	12800223	339575.50	63.5	58746.01	490660	959.2106 ng/ml
Carisoprodol	5.737	1805902	17135.85	53.9	1942.59	71365	1029.9720 ng/ml
Citalopram	5.232	7011665	80928.07	37.0	31178.45	306322	1007.8770 ng/ml
Clonazepam	5.612	2319019	3043.53	34.7	3219.95	42308	767.6997 ng/ml
Clonazepam	5.549	954761	1357.74	38.3	1967.79	42308	546.1579 ng/ml
Cocaine	4.277	5982716	150359.23	54.2	∞	521472	1012.3990 ng/ml
Codeine	2.593	724062	5453.05	97.8	138.62	48239	839.4767 ng/ml
Cyclobenzaprine	5.635	7024026	4928.02	6.9	636.53	247653	1117.9262 ng/ml
Dextromethorphan	5.282	3640069	58025.44	78.1	140009.09	176037	1010.3743 ng/ml
Dextrophan	4.132	3353156	46380.94	221.0	173802.60	369513	1056.9096 ng/ml
Diazepam	5.960	2782857	3097.37	90.5	355.51	145801	957.7333 ng/ml
Dihydrocodeine	2.565	2455742	19814.51	61.8	6738.34	226679	713.2533 ng/ml
Diphenhydramine	5.310	19812381	643219.34	33.0	12846.62	1062580	1007.6980 ng/ml
Doxylamine	4.550	25785008	48168.05	98.3	251674.99	1386800	806.3686 ng/ml
EDDP	5.268	8906604	67966.70	40.3	34644.51	473562	1056.8942 ng/ml
Etizolam	5.820	1575613	422.42	26.4	12022.23	42308	1360.2330 ng/ml
Fentanyl	5.116	1076341	36459.05	74.4	155370.47	603854	106.0989 ng/ml
Flualprazolam	5.705	1122723	34247.56	111.9	13464.07	130262	865.1562 ng/ml
Fluoxetine	5.727	4765561	219299.45	8.3	45774.59	152970	1113.3612 ng/ml
Hydrocodone	3.032	3861563	432.77	33.3	207.04	253957	914.7528 ng/ml
Hydromorphone	1.615	3666509	11854170.08	74.8	14517470.29	119709	1016.9415 ng/ml
Ketamine	4.065	8067121	113515.50	36.6	32559.65	427463	928.1867 ng/ml
Lamotrigine	4.301	427901	13592.67	86.0	14562.39	427463	529.5744 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	2664220	2826.12	147.5	98771.72	838912	1011.8061 ng/ml
Lorazepam	5.753	781259	7623.20	50.6	4407.85	42308	327.9235 ng/ml
MDA	3.203	5926017	55659.35	27.1	1187.62	263085	830.2409 ng/ml
MDMA	3.303	7218180	192066.11	86.8	20813.36	82356	1048.7130 ng/ml
Meprobamate	4.904	1188690	∞	24.7	∞	147716	463.6747 ng/ml
Methadone	5.666	14016682	1306.95	50.5	79545.84	548093	1004.0990 ng/ml
Methamphetamine	3.238	16252598	60604.48	36.9	57306.76	967002	743.6785 ng/ml
Metoprolol	4.340	1611482	8909.11	98.1	68157.73	983818	802.1839 ng/ml
Mirtazapine	4.637	19078704	158651.28	45.7	74537.65	468263	954.5128 ng/ml
Mitragynine	5.244	1876063	116180.08	37.0	4810.20	548093	1027.9858 ng/ml
Morphine	1.253	632734	236.16	19.2	1080.21	12426	954.2874 ng/ml
Norbuprenorphine	5.013	39248	247.16	91.9	6889.63	17557	103.3749 ng/ml
Nordiazepam	5.906	2020980	8614.70	58.2	2578.70	75936	932.4301 ng/ml
Norfentanyl	4.099	2000416	98735.06	36.4	217.73	647678	131.2586 ng/ml
Norhydrocodone	3.080	584081	216.79	41.4	275.28	38583	1269.5640 ng/ml
Noroxycodone	2.923	2406352	3560.03	48.7	862.58	84846	965.2621 ng/ml
O-desmethyl-tramadol	3.389	19145311	∞	5.6	∞	1079784	1025.6339 ng/ml
Oxazepam	5.756	1127143	10199.52	71.7	5839.06	50005	949.0267 ng/ml
Oxycodone	2.848	8441725	∞	29.4	1625.72	366879	959.7351 ng/ml
Oxymorphone	1.411	2911128	∞	45.1	∞	108546	916.1174 ng/ml
Phentermine	3.790	3666626	1389.95	5.5	8074.45	682862	703.1086 ng/ml
Promethazine	5.552	13631707	4361.98	29.4	100671.18	566868	1029.7859 ng/ml
Pseudoephedrine	2.603	19161054	94098.16	16.1	100982.45	838912	1085.6779 ng/ml
Quetiapine	5.569	7851063	176944.11	61.9	28511.11	163664	774.0093 ng/ml
Sertraline	5.796	1687867	36855.42	94.9	23721.24	73385	989.8857 ng/ml
Temazepam	5.830	3513169	12128.19	26.8	7279.77	169756	1015.8341 ng/ml
Tramadol	4.252	16103183	∞	3.2	36208.94	983818	897.6798 ng/ml
Trazodone	5.156	13168413	249641.28	79.0	153534.90	618198	911.5945 ng/ml
Venlafaxine	5.057	16287846	517876.55	32.9	17111.49	852413	1052.7818 ng/ml
Zolpidem	4.921	16694273	3688.78	28.6	2345.65	962225	779.0302 ng/ml