








Worklist: 6710

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-0440	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0478	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0495	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0510	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0526	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0142	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0259	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0264	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0276	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0280	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0285	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0307	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0372	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0383	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0392	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0393	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0394	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0412	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0419	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0455	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 02/29/2024

Plate lot#: 231215

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

Blank Blood Lot: Lampire 23E52981

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 06/15/2024

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

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

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

Curve Limits:

Amphetamine 5-500 --calibrator 8 dropped due to accuracy

Buprenorphine 1-100 --calibrator 1 dropped due to qualifier peak chromatography

Clonazepam 5-500 --calibrator 8 dropped due to accuracy

Dihydrocodeine 5-500 --calibrator 8 dropped due to accuracy

Diphenhydramine- Qualitative only due to QC 100 accuracy

Etizolam 5-250 --calibrators 7 and 8 dropped due to accuracy

Fentanyl 0.5-50 --calibrator 8 dropped due to accuracy

Hydroxyzine 5-500 --calibrator 8 dropped due to accuracy

Ketamine 5-500 --calibrator 8 dropped due to accuracy
Lamotrigine 5-500 --calibrator 8 dropped due to accuracy
MDA 5-500 --calibrator 8 dropped due to accuracy
Meprobamate- 5-100 --calibrators 6, 7 and 8 dropped due to accuracy/linearity- qualitative only
Methamphetamine 5-500 --calibrator 8 dropped due to accuracy
Metoprolol 5-500 --calibrator 8 dropped due to accuracy
Norbuprenorphine 2.5-100 --calibrators 1 and 2 dropped due to chromatography
Norfentanyl 0.5-50 --calibrator 8 dropped due to accuracy
Phentermine 5-500 --calibrator 8 dropped due to accuracy
Quetiapine 5-500 --calibrator 8 dropped due to accuracy
Trazodone 5-250 --calibrators 7 and 8 dropped due to accuracy

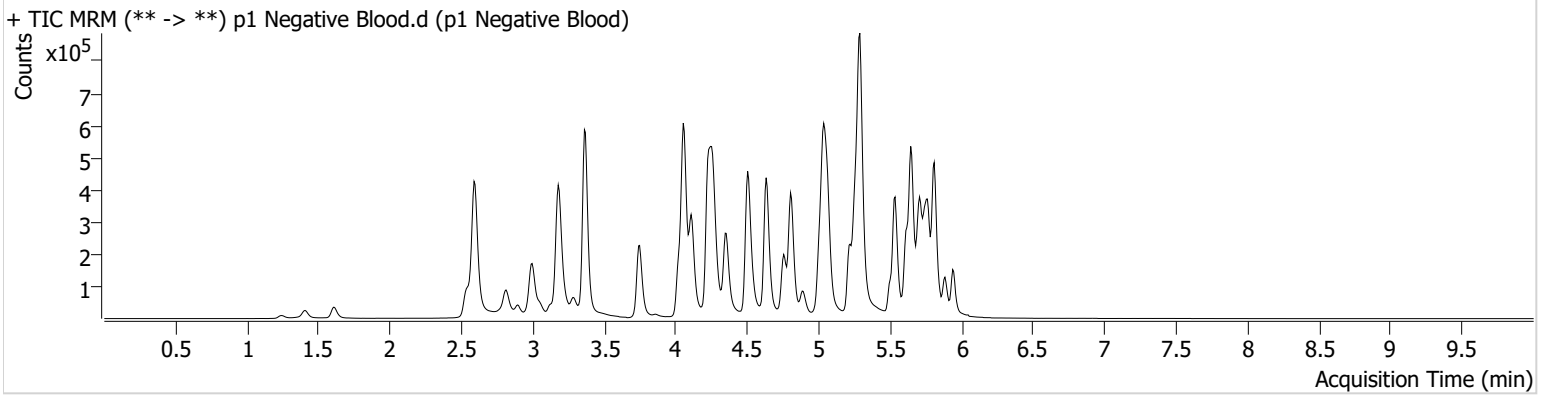


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F2	Comment	Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.
Injection Volume	2		
Acq. Date-Time	3/1/2024 3:52:23 AM		
Sample Info.			

Sample Chromatogram





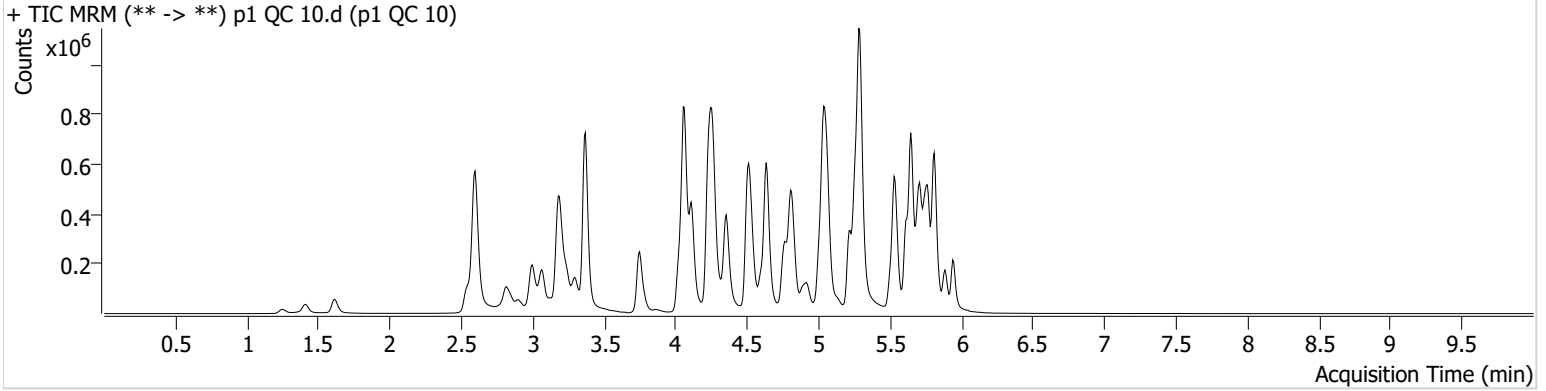
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 3/1/2024 2:48:38 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	2557	7751.33	76.0	44.90	81464	0.9452 ng/ml
7-aminoclonazepam	4.258	26880	815.62	81.8	61.95	129683	10.4772 ng/ml
9-hydroxyrisperidone	4.637	7725	925.24	3549.2	2819.07	1253996	9.7319 ng/ml
a-hydroxyalprazolam	5.692	18614	169.58	67.3	137.39	89387	9.4110 ng/ml
alpha-PHP	4.922	46163	379.29	269.2	1905.91	736586	9.5008 ng/ml
alpha-PVP	4.363	172214	233.00	49.5	1671.08	736586	9.5813 ng/ml
Alprazolam	5.769	87286	386.17	118.3	471.68	421048	9.1977 ng/ml
Amphetamine	3.067	271047	3090.16	45.3	181.69	372700	9.9381 ng/ml
Benzoylcegonine	3.889	4192	609.56	35.6	81.37	14990	9.4834 ng/ml
Bromazolam	5.807	45088	736.75	112.0	59464.28	214717	9.5881 ng/ml
Buprenorphine	5.669	4148	26.07	18.0	3323.54	147718	1.1189 ng/ml
Bupropion	4.779	172811	23010.98	67.4	325.73	559696	9.0249 ng/ml
Carisoprodol	5.723	107526	9620.90	54.1	70.33	457370	9.4765 ng/ml
Citalopram	5.214	125665	302.35	35.3	566.73	606677	9.0241 ng/ml
Clonazepam	5.611	82800	2132.68	35.1	37345.21	116861	10.5786 ng/ml
Clonazolam	5.547	83211	49581.44	31.0	34281.52	116861	10.0232 ng/ml
Cocaine	4.257	119785	2788.20	54.7	2581.38	1041182	9.7210 ng/ml
Codeine	2.589	13007	73.22	109.9	2137.79	76621	10.0531 ng/ml
Cyclobenzaprine	5.620	102060	242.29	8.7	29.95	494697	9.6828 ng/ml
Dextromethorphan	5.271	81308	81.16	84.5	111.81	436627	9.1060 ng/ml
Dextrorphan	4.116	54344	51099.39	217.8	659.08	738825	9.3399 ng/ml
Diazepam	5.947	63957	155.19	92.4	437.79	309310	9.9697 ng/ml
Dihydrocodeine	2.568	37234	239.25	56.2	1777.35	230189	9.6943 ng/ml
Diphenhydramine	5.292	336181	212.51	28.8	1615.33	2130220	8.0226 ng/ml
Doxylamine	4.525	320665	966.81	102.8	461.36	1530232	9.6906 ng/ml
Duloxetine	5.640	8139	200.25	14.2	143.46	47352	9.9147 ng/ml
EDDP	5.256	143732	1686.81	42.6	50838.92	781067	9.3395 ng/ml
Etizolam	5.807	48022	37630.92	24.1	9813.73	116861	9.2735 ng/ml
Fentanyl	5.076	12933	60.38	78.6	5529.01	699792	1.0085 ng/ml
Fluorofentanyl	5.130	30746	1177.44	41.1	540.45	6435	0.9664 ng/ml
Fluoxetine	5.700	92653	6984.93	7.3	6083.51	349891	9.6124 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	51404	394.37	30.2	62.34	280158	9.7292 ng/ml
Hydromorphone	1.622	39002	115.41	72.9	120.54	131197	9.7223 ng/ml
Hydroxyzine	5.683	122100	8208.57	71.3	1243.91	436627	9.4709 ng/ml
Ketamine	4.041	112347	6178.39	38.3	178.40	471636	9.8172 ng/ml
Lamotrigine	4.273	10659	421.72	84.9	9761.58	1470757	10.0778 ng/ml
Lorazepam	5.740	57023	∞	52.8	136.01	471946	10.0395 ng/ml
MDA	3.208	155061	2184.71	33.1	93.07	529345	10.7292 ng/ml
MDMA	3.302	109150	1775.64	93.7	323.62	142853	9.3559 ng/ml
Meprobamate	4.916	40454	293.17	33.5	465.78	194106	9.5748 ng/ml
Methadone	5.652	241917	409.33	48.1	310.55	1005430	9.3049 ng/ml
Methamphetamine	3.243	235024	312.39	37.9	1943.58	943302	9.7734 ng/ml
Metoprolol	4.320	32661	228.83	103.4	2431.00	1263526	10.2554 ng/ml
Mirtazapine	4.600	238389	991.61	51.3	2746.20	736586	9.8451 ng/ml
Mitragynine	5.204	55009	123.24	32.7	12517.27	1005430	9.6951 ng/ml
Morphine	1.254	8191	607.39	16.9	198.70	10996	9.9990 ng/ml
Norbuprenorphine	4.985	400	520.12	131.6 High	649.59	27509	0.9296 ng/ml
Nordiazepam	5.894	64441	202.25	59.4	215.10	218094	9.7556 ng/ml
Norfentanyl	4.083	25991	103.04	34.3	524.92	1200326	0.9463 ng/ml
Norhydrocodone	3.070	9732	49.02	37.3	55.30	71739	8.6191 ng/ml
Noroxycodone	2.920	33308	969.09	44.9	1186.74	117371	10.2042 ng/ml
O-desmethyl-tramadol	3.369	255440	3614.67	4.8	416.92	1690149	9.3464 ng/ml
o-desmethylvenlafaxine	4.061	338131	17313.34	18.3	320.75	31775	9.7122 ng/ml
Olanzapine	4.359	38603	215.95	50.1	114.52	92462	10.2232 ng/ml
Oxazepam	5.749	91695	414.91	71.8	479.51	471946	10.4884 ng/ml
Oxycodone	2.845	87882	459.94	27.7	321.14	350936	9.7391 ng/ml
Oxymorphone	1.413	24886	85.21	46.0	206.74	95336	9.8017 ng/ml
Phentermine	3.785	62569	182.79	7.5	158.58	711286	10.1060 ng/ml
Promethazine	5.537	163896	406.90	30.4	85.10	904212	9.6260 ng/ml
Pseudoephedrine	2.606	319219	268.77	16.6	3776.64	1470757	9.6828 ng/ml
Quetiapine	5.512	178883	146.68	53.4	1395.45	246187	10.4487 ng/ml
Sertraline	5.769	23170	319.36	103.5	153.53	107978	10.1485 ng/ml
Temazepam	5.817	185484	570.84	26.7	507.04	828614	10.0927 ng/ml
Tramadol	4.238	243356	127.10	3.3	71.87	1263526	10.2120 ng/ml
Trazodone	5.047	204921	2875.29	58.5	334.10	696371	10.0926 ng/ml
Venlafaxine	5.037	227804	2406.10	38.4	185.89	1411045	9.1437 ng/ml
Xylazine	4.083	103280	975.79	41.7	346.28	514740	9.5472 ng/ml
Zolpidem	4.824	257034	655.22	28.5	347.44	1070587	9.6480 ng/ml



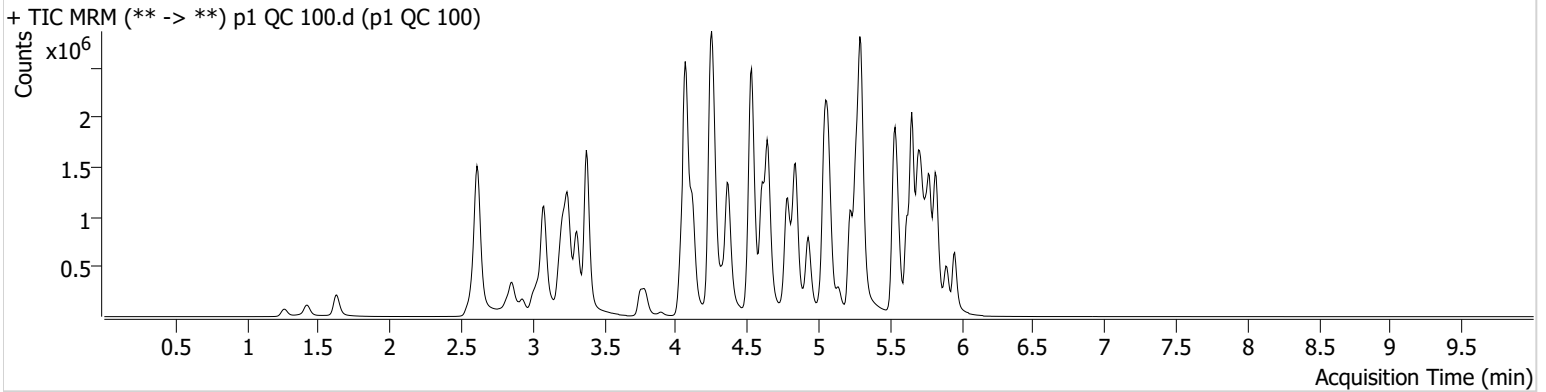
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 3/1/2024 11:18:59 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.143	26540	1083.05	78.5	78424.88	79322	9.6253 ng/ml
7-aminoclonazepam	4.271	225842	138.70	78.3	2112.32	108381	105.5617 ng/ml
9-hydroxyrisperidone	4.644	72592	103811.49	3699.5	44167.26	1168958	94.7587 ng/ml
a-hydroxyalprazolam	5.698	143839	944.32	65.1	886.96	65455	96.2238 ng/ml
alpha-PHP	4.929	461241	332.96	256.9	5793.83	712312	92.0748 ng/ml
alpha-PVP	4.369	1672898	620.78	51.3	530.79	712312	90.9270 ng/ml
Alprazolam	5.775	792059	619.68	115.6	450.01	350921	94.3714 ng/ml
Amphetamine	3.080	2296640	24136.41	44.8	400.91	353730	99.0380 ng/ml
Benzoylcegonine	3.896	38748	1033.38	35.1	657.48	13571	98.1564 ng/ml
Bromazolam	5.814	350519	5886.87	111.6	145.25	164476	99.3904 ng/ml
Buprenorphine	5.683	37835	34622.33	15.3	250.55	136586	9.0710 ng/ml
Bupropion	4.785	1724835	159762.23	67.0	24598.80	546567	91.1100 ng/ml
Carisoprodol	5.730	858547	907456.62	55.8	2847.81	370855	90.4146 ng/ml
Citalopram	5.220	1190777	726.97	35.1	1925.09	544732	88.2074 ng/ml
Clonazepam	5.618	601971	681.09	34.9	147408.96	90676	105.6991 ng/ml
Clonazolam	5.561	651482	21245.57	33.4	153300.97	90676	100.5245 ng/ml
Cocaine	4.264	1134852	1490754.93	54.9	8581.62	975693	96.8566 ng/ml
Codeine	2.596	117865	9341.23	102.6	279.79	67689	106.6609 ng/ml
Cyclobenzaprine	5.620	895366	175466.29	7.7	83.29	416624	92.5822 ng/ml
Dextromethorphan	5.277	751744	18823.73	79.5	399.38	397026	91.3285 ng/ml
Dextrorphan	4.123	520684	38344.36	216.2	21518.21	671680	94.4662 ng/ml
Diazepam	5.954	578846	9770.12	93.9	1881.87	271105	102.0439 ng/ml
Dihydrocodeine	2.575	360070	231.71	58.6	1271.28	225952	100.3181 ng/ml
Diphenhydramine	5.298	3206849	95626.44	29.3	5226.88	1945408	79.1753 ng/ml
Doxylamine	4.532	3398837	739764.37	97.9	332.77	1497414	99.0384 ng/ml
Duloxetine	5.647	54340	985.82	13.7	99.52	31770	96.4339 ng/ml
EDDP	5.263	1398076	21770.94	42.0	57568.70	742529	91.9675 ng/ml
Etizolam	5.814	412992	85168.02	25.6	180528.44	90676	93.2336 ng/ml
Fentanyl	5.083	108814	3946.70	84.8	130028.36	579917	9.0612 ng/ml
Fluorofentanyl	5.137	273856	537.04	41.3	12922.18	5703	9.4103 ng/ml
Fluoxetine	5.707	623544	34512.96	7.8	79941.92	237090	89.0145 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.036	492340	3014.27	32.7	88.21	270007	97.6823 ng/ml
Hydromorphone	1.629	366925	8671.24	74.5	950905.90	122428	95.1895 ng/ml
Hydroxyzine	5.690	1154502	1035433.80	75.6	38265.52	397026	91.0544 ng/ml
Ketamine	4.041	1053896	31351.60	38.6	500.88	468166	95.7518 ng/ml
Lamotrigine	4.280	97655	1695.76	83.6	113.61	1341471	106.2356 ng/ml
Lorazepam	5.747	298664	9154.85	52.7	920.90	285070	87.8491 ng/ml
MDA	3.215	1257831	20397.65	33.2	2343.37	462245	105.3043 ng/ml
MDMA	3.309	1052327	6764.88	96.4	321.41	132611	92.6593 ng/ml
Meprobamate	4.923	311985	15136.00	33.0	180.03	174869	82.4122 ng/ml
Methadone	5.652	2307307	60037.16	46.3	89502.02	908167	92.2958 ng/ml
Methamphetamine	3.250	2292144	16533.65	37.0	500.15	939481	99.8402 ng/ml
Metoprolol	4.326	314015	224782.64	101.1	15493.09	1282529	100.3097 ng/ml
Mirtazapine	4.607	2341038	286.79	48.2	40237.50	712312	92.2890 ng/ml
Mitragynine	5.211	502164	1563.90	32.6	2878.08	908167	94.7556 ng/ml
Morphine	1.261	76801	174.49	16.6	1968.75	10590	97.2451 ng/ml
Norbuprenorphine	4.992	4380	1100.66	109.9	5432.51	26936	9.3059 ng/ml
Nordiazepam	5.900	522478	924.03	59.9	530.67	180366	98.6451 ng/ml
Norfentanyl	4.083	228508	312467.40	34.9	2165.74	1010372	9.2762 ng/ml
Norhydrocodone	3.077	109911	∞	37.8	∞	66836	88.6978 ng/ml
Noroxycodone	2.927	300601	1423.73	48.7	2859.70	107782	99.9026 ng/ml
O-desmethyl-tramadol	3.383	2584213	131584.74	5.4	680.63	1635814	92.1534 ng/ml
o-desmethylvenlafaxine	4.068	3241656	211807.79	18.0	307.02	29410	96.4477 ng/ml
Olanzapine	4.373	330159	923.07	54.3	1474.67	82519	96.0688 ng/ml
Oxazepam	5.756	512461	11908.29	74.7	3540.06	285070	100.8945 ng/ml
Oxycodone	2.852	860918	3410.49	28.4	5040.01	343209	96.3685 ng/ml
Oxymorphone	1.419	227675	∞	47.6	∞	89276	95.4372 ng/ml
Phentermine	3.792	579967	1249.41	7.2	6338.46	686942	103.8742 ng/ml
Promethazine	5.544	1451520	1187.15	31.4	38022.71	753985	94.4113 ng/ml
Pseudoephedrine	2.620	3057818	90612.08	16.4	213924.57	1341471	94.6163 ng/ml
Quetiapine	5.519	1630127	313.11	58.4	406.85	245849	97.9863 ng/ml
Sertraline	5.776	139564	580.06	100.7	24021.70	66510	92.7776 ng/ml
Temazepam	5.824	1232297	1413.08	27.5	277.68	533175	98.2708 ng/ml
Tramadol	4.245	2435479	139.14	3.3	122.63	1282529	98.5627 ng/ml
Trazodone	5.068	1800606	942336.88	60.3	1279749.86	622444	104.4122 ng/ml
Venlafaxine	5.044	2215360	802.26	38.4	873.21	1324783	89.9491 ng/ml
Xylazine	4.083	961961	1041277.62	46.3	21847.12	471954	93.1607 ng/ml
Zolpidem	4.838	2655493	7169.49	27.6	2199142.93	1078629	96.7372 ng/ml



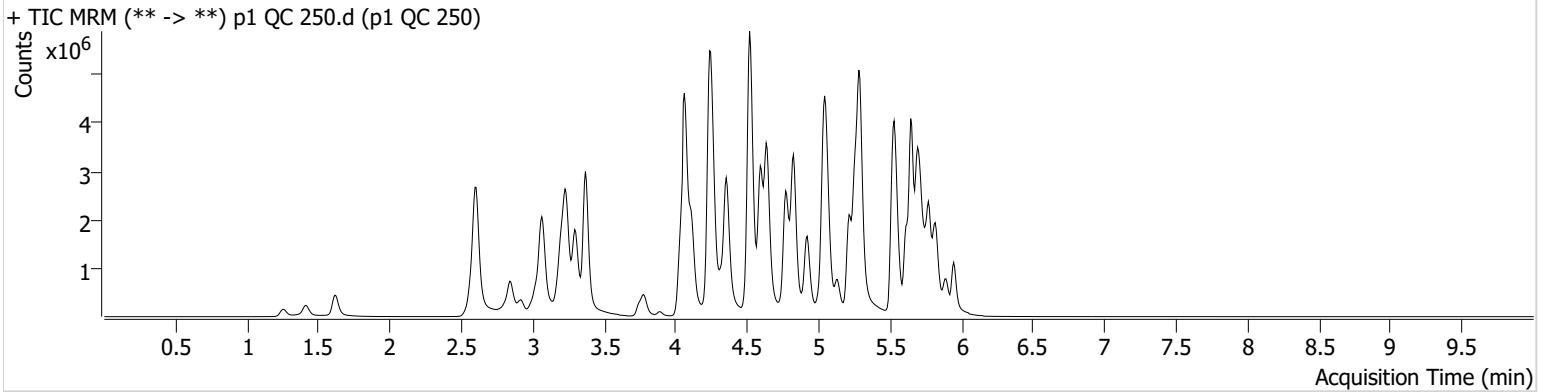
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) Data File p1 QC 250.d
Type QC Sample p1 QC 250
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-C2 Comment
Injection Volume 2
Acq. Date-Time 3/1/2024 3:09:53 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	61777	1266.30	76.7	42354.24	72735	24.3616 ng/ml
7-aminoclonazepam	4.258	364867	8283.60	84.2	4745.27	79794	231.6740 ng/ml
9-hydroxyrisperidone	4.637	180342	118930.34	3859.7	17703.67	1154129	237.8774 ng/ml
a-hydroxyalprazolam	5.692	207927	942.70	65.1	333.16	38640	235.1598 ng/ml
alpha-PHP	4.922	1062246	1719.52	260.1	17887.45	630163	238.6474 ng/ml
alpha-PVP	4.356	3804251	832904.85	51.6	580.68	630163	232.8046 ng/ml
Alprazolam	5.775	1504726	1298.26	110.6	936.68	264526	236.9510 ng/ml
Amphetamine	3.067	4686802	45096.91	43.1	25957.24	319997	225.0489 ng/ml
Benzoylcegonine	3.889	102682	551.91	34.7	1309.63	13627	259.2842 ng/ml
Bromazolam	5.807	605202	10879.37	111.6	436470.80	117761	240.0025 ng/ml
Buprenorphine	5.669	84573	120352.49	14.6	18994.70	113403	24.0461 ng/ml
Bupropion	4.772	4071532	637.22	66.8	43322.34	504124	232.9837 ng/ml
Carisoprodol	5.723	1491015	187514.02	56.0	1062.64	245524	236.6413 ng/ml
Citalopram	5.214	2636018	199558.87	36.0	14401.05	467339	226.4384 ng/ml
Clonazepam	5.611	900405	16973.63	35.2	2264172.18	60950	236.1728 ng/ml
Clonazolam	5.554	1072608	1276426.37	34.9	1056.34	60950	246.1274 ng/ml
Cocaine	4.257	2516731	1677.80	53.7	1310.44	844888	247.8071 ng/ml
Codeine	2.582	231223	69.15	102.3	13368.33	54893	258.5663 ng/ml
Cyclobenzaprine	5.620	2372442	2109.06	7.6	4868.62	427420	237.7257 ng/ml
Dextromethorphan	5.264	1674862	840.56	77.8	266.49	343875	234.7112 ng/ml
Dextrorphan	4.116	1117002	12307.22	220.6	1060.56	572074	237.3081 ng/ml
Diazepam	5.947	1195044	7180.23	90.8	∞	226290	252.2521 ng/ml
Dihydrocodeine	2.561	775326	166.75	61.1	662.51	215408	227.2695 ng/ml
Diphenhydramine	5.292	7215463	1079.33	29.9	17059.00	1692867	203.9451 ng/ml
Doxylamine	4.518	8545914	198619.06	96.7	114989.18	1416143	262.3096 ng/ml
Duloxetine	5.640	155376	12858.02	14.4	3073.81	38089	229.6469 ng/ml
EDDP	5.256	3201293	1282.16	41.6	834.49	657607	237.1636 ng/ml
Etizolam	5.807	823576	15709.62	24.8	132927.12	60950	274.7395 ng/ml
Fentanyl	5.076	310662	344.83	82.0	206.63	579408	25.6532 ng/ml
Fluorofentanyl	5.130	827092	335.69	42.3	20839.81	6742	23.9885 ng/ml
Fluoxetine	5.700	1845344	16952.28	7.5	3923.29	266944	232.7959 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	1081735	∞	35.3	469.52	257452	225.2323 ng/ml
Hydromorphone	1.622	852052	1273582.38	75.7	2110534.10	115040	234.7816 ng/ml
Hydroxyzine	5.683	2699021	2532809.20	81.6	888.95	343875	244.4277 ng/ml
Ketamine	4.035	2299134	70264.42	38.3	8864.74	425020	230.5875 ng/ml
Lamotrigine	4.273	185982	7804.20	86.7	148.26	1138237	239.1389 ng/ml
Lorazepam	5.740	401000	6441.47	52.9	821.50	150144	224.1067 ng/ml
MDA	3.201	2315871	67101.34	34.1	27943.00	380763	236.2129 ng/ml
MDMA	3.295	2415784	120723.66	97.2	7242.99	117998	238.2963 ng/ml
Meprobamate	4.909	550650	7279.79	31.2	330.38	145027	175.4531 ng/ml
Methadone	5.652	5414359	90547.82	45.8	1175.76	825670	237.2373 ng/ml
Methamphetamine	3.236	5266096	37496.23	36.6	29109.29	912539	236.7924 ng/ml
Metoprolol	4.320	654860	3188522.09	101.6	825332.52	1118959	240.2897 ng/ml
Mirtazapine	4.593	5591568	222581.99	47.6	83575.20	630163	247.7412 ng/ml
Mitragynine	5.204	1221929	68377.23	33.4	304455.64	825670	253.0148 ng/ml
Morphine	1.254	172848	387.92	16.9	1431.39	9359	247.6351 ng/ml
Norbuprenorphine	4.985	10472	24809.02	106.2	14688.59	24629	24.1590 ng/ml
Nordiazepam	5.894	842040	589.06	60.7	1471.94	129836	221.2745 ng/ml
Norfentanyl	4.083	434190	91016.08	35.8	5755.40	729320	24.3131 ng/ml
Norhydrocodone	3.070	261909	953.35	38.4	158.59	57568	242.8778 ng/ml
Noroxycodone	2.914	668192	1170.86	45.4	592.75	95001	251.8790 ng/ml
O-desmethyl-tramadol	3.369	6170892	1804.49	5.3	16075.45	1498941	239.2073 ng/ml
o-desmethylvenlafaxine	4.061	6304854	241609.24	17.3	156.36	21920	250.9688 ng/ml
Olanzapine	4.353	1035054	3958.63	56.3	2204.46	98946	250.8177 ng/ml
Oxazepam	5.749	643648	26807.78	72.8	3349.85	150144	241.2483 ng/ml
Oxycodone	2.838	2037761	1362.19	28.5	8961.04	323576	241.7422 ng/ml
Oxymorphone	1.413	561953	∞	45.1	∞	88974	236.3063 ng/ml
Phentermine	3.778	1202396	5302.57	6.9	1710.63	641287	231.6617 ng/ml
Promethazine	5.537	4074758	1926.95	30.8	23776.05	809203	245.6352 ng/ml
Pseudoephedrine	2.606	6776063	210.15	15.9	83728.92	1138237	245.9045 ng/ml
Quetiapine	5.512	3611502	76043.33	59.5	962.43	230305	232.1813 ng/ml
Sertraline	5.769	516564	438.89	97.0	711.78	92852	244.7563 ng/ml
Temazepam	5.824	1694438	30611.42	26.6	413.83	289470	247.9105 ng/ml
Tramadol	4.238	5264384	∞	3.5	165.26	1118959	243.8363 ng/ml
Trazodone	5.054	3854249	197.61	65.8	1423558.24	652815	213.7122 ng/ml
Venlafaxine	5.037	5227695	1762.13	36.5	653.87	1171244	239.2328 ng/ml
Xylazine	4.076	2197290	178346.53	47.7	12572.08	415613	240.9767 ng/ml
Zolpidem	4.824	6421583	6820.07	26.8	14312.09	1008200	249.8976 ng/ml



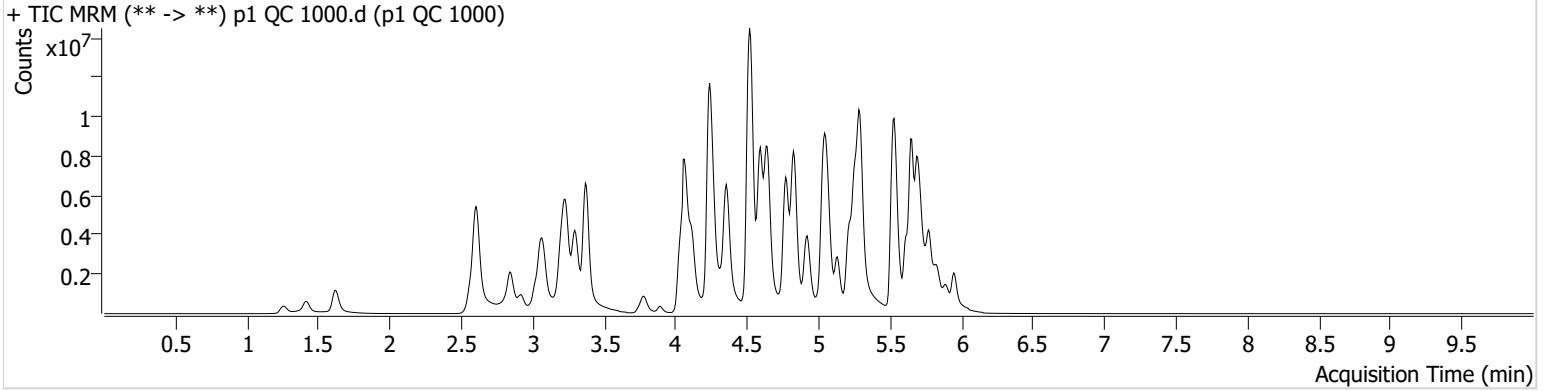
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-D2 **Comment**
Injection Volume 2
Acq. Date-Time 3/1/2024 3:31:08 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	191806	111375.13	73.0	423.40	54822	100.2073 ng/ml
7-aminoclonazepam	4.271	457203	2518.64	79.6	2637.56	27964	828.4254 ng/ml
9-hydroxyrisperidone	4.637	542378	14139.17	3859.1	79991.54	820183	1005.5166 ng/ml
a-hydroxyalprazolam	5.698	269725	348.39	66.0	314.79	10920	1078.2614 ng/ml
alpha-PHP	4.922	2956130	53849.13	263.4	1243.83	414609	1007.3062 ng/ml
alpha-PVP	4.356	10444360	3257269.27	50.3	219020.40	414609	969.5789 ng/ml
Alprazolam	5.775	2906830	1116.92	106.6	385.07	125228	965.1156 ng/ml
Amphetamine	3.070	9580380	110011.14	42.8	91426.58	225115	656.3974 ng/ml
Benzoylcegonine	3.889	402442	18070.64	35.1	7346.99	13984	990.6660 ng/ml
Bromazolam	5.814	994469	58805.95	115.9	1727.72	51457	903.1696 ng/ml
Buprenorphine	5.669	167993	217453.11	14.5	29805.10	49933	107.6975 ng/ml
Bupropion	4.772	12052933	360538.65	64.5	630678.54	386217	899.9050 ng/ml
Carisoprodol	5.723	2531617	293644.05	54.6	68825.79	93466	1054.3365 ng/ml
Citalopram	5.220	5607080	1238.36	37.0	441.79	239600	937.1552 ng/ml
Clonazepam	5.604	1040755	44806.18	34.4	1308.10	23124	721.1359 ng/ml
Clonazolam	5.561	1558089	19530.12	36.3	3026.65	23124	942.1712 ng/ml
Cocaine	4.257	5961826	128270.31	53.0	112489.51	490055	1011.5884 ng/ml
Codeine	2.582	504034	6134.25	99.1	12948.54	36457	849.5239 ng/ml
Cyclobenzaprine	5.613	6497908	60122.11	6.9	16696.17	265184	1046.4484 ng/ml
Dextromethorphan	5.264	3642100	172.77	76.6	234.69	190060	923.0536 ng/ml
Dextrorphan	4.116	2772664	14619.15	228.5	40834.42	345250	974.7582 ng/ml
Diazepam	5.947	2841160	4542.12	92.8	29614.74	133052	1019.6808 ng/ml
Dihydrocodeine	2.561	2035956	26576.00	60.8	21313.39	179243	718.3806 ng/ml
Diphenhydramine	5.292	18698122	235.25	29.7	47659.54	1065450	838.1987 ng/ml
Doxylamine	4.523	25284316	592206.48	96.4	264881.91	1139347	963.0103 ng/ml
Duloxetine	5.640	238396	5308.53	16.6	778.13	13734	976.3414 ng/ml
EDDP	5.256	9993802	∞	40.9	1246.90	495288	981.7959 ng/ml
Etizolam	5.814	1812871	6701.58	24.7	246723.66	23124	1589.4602 ng/ml
Fentanyl	5.076	1072599	12205.54	78.4	3839.62	410814	124.4212 ng/ml
Fluorofentanyl	5.130	3309104	127475.35	40.8	15458.61	6455	100.1308 ng/ml
Fluoxetine	5.707	4126126	142152.57	7.6	297338.89	137764	1006.2029 ng/ml

AM #28 Multi-Drug Quant. Results

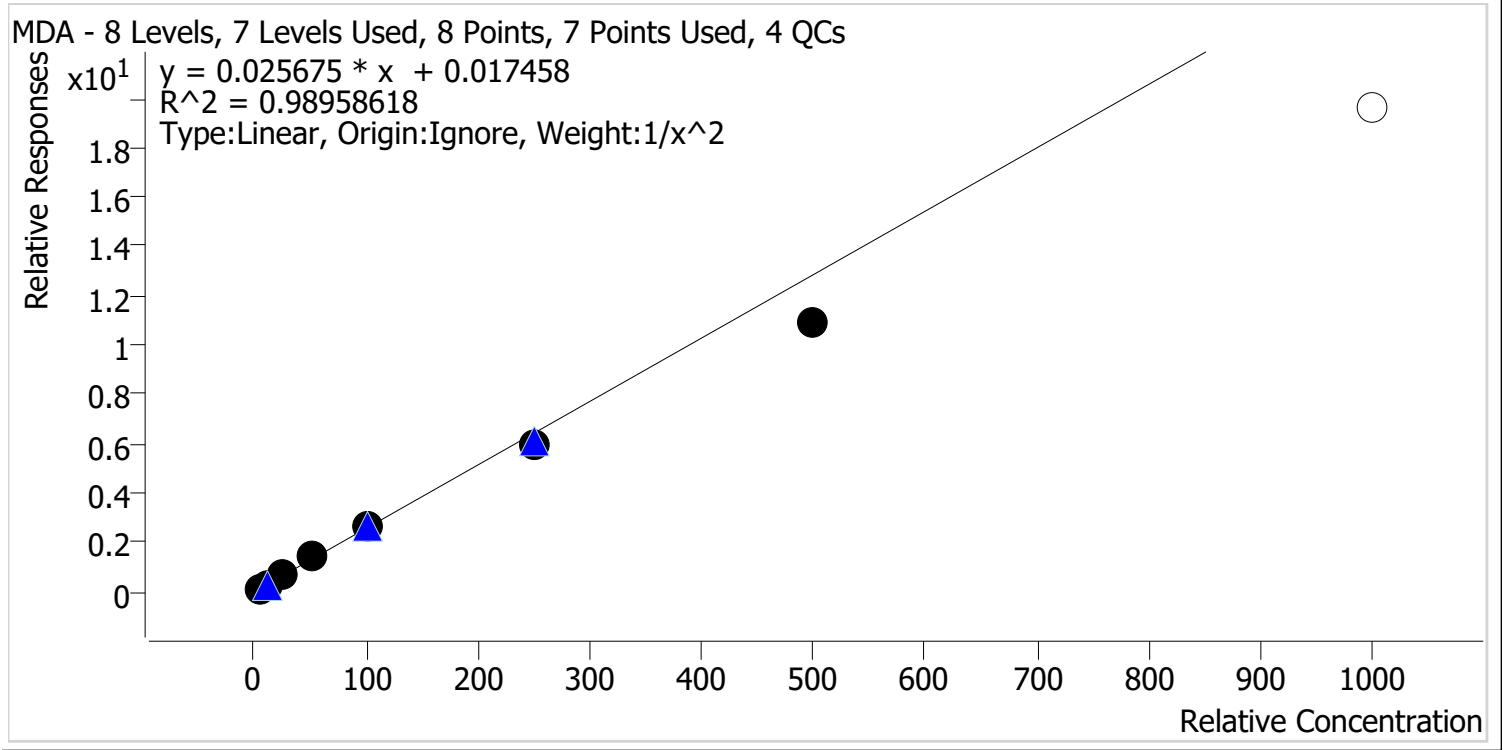


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	3510044	328.60	35.5	∞	209403	898.8695 ng/ml
Hydromorphone	1.622	2644552	8548611.47	75.9	7797048.31	89786	932.7303 ng/ml
Hydroxyzine	5.683	7368533	1262705.94	81.3	21779.21	190060	1204.2409 ng/ml
Ketamine	4.028	5365237	∞	36.7	26967.74	316534	723.2720 ng/ml
Lamotrigine	4.280	294174	3806.40	90.3	9869.01	677475	636.4291 ng/ml
Lorazepam	5.740	636759	23805.21	51.7	1986.63	45211	1182.2637 ng/ml
MDA	3.194	4566636	351.22	31.3	42827.00	229455	774.4796 ng/ml
MDMA	3.295	6048636	169144.67	96.5	67674.62	75939	925.7167 ng/ml
Meprobamate	4.902	941742	105234.48	30.9	3113.99	87731	496.1426 ng/ml
Methadone	5.652	14666878	128709.82	46.5	2236492.26	547743	966.8107 ng/ml
Methamphetamine	3.229	13890026	370.90	35.2	78641.95	783403	728.4999 ng/ml
Metoprolol	4.320	1312589	5281.55	100.6	113835.85	780467	691.2193 ng/ml
Mirtazapine	4.593	15947327	684218.95	45.8	2301.49	414609	1071.1056 ng/ml
Mitragynine	5.204	3269766	166532.61	34.7	2189744.93	547743	1019.5038 ng/ml
Morphine	1.261	492546	17021.59	16.4	1440.77	7733	854.0555 ng/ml
Norbuprenorphine	4.985	32670	54446.07	109.3	79834.74	19958	92.7080 ng/ml
Nordiazepam	5.894	1507306	32833.59	60.9	14494.80	56520	910.9582 ng/ml
Norfentanyl	4.083	680625	202033.60	36.0	6714.36	209736	132.2432 ng/ml
Norhydrocodone	3.070	684815	1607.23	39.3	706.68	35280	1031.6177 ng/ml
Noroxycodone	2.914	1837008	844.23	47.5	597.57	67445	975.2665 ng/ml
O-desmethyl-tramadol	3.369	18149808	596971.65	5.3	15770.86	1066688	986.8198 ng/ml
o-desmethylvenlafaxine	4.054	11442782	107275.25	18.9	6660.94	9301	1072.0088 ng/ml
Olanzapine	4.346	2925163	232.85	57.7	2517.79	79567	880.9266 ng/ml
Oxazepam	5.749	743776	12224.53	72.9	12225.18	45211	927.1391 ng/ml
Oxycodone	2.838	6649271	8404.07	28.3	3257.16	272893	934.9374 ng/ml
Oxymorphone	1.413	1757406	563.48	45.3	450.03	70856	927.8647 ng/ml
Phentermine	3.778	2842165	∞	6.9	4734.06	516039	682.0468 ng/ml
Promethazine	5.537	13099762	42165.77	29.3	1075.74	584489	1090.4788 ng/ml
Pseudoephedrine	2.606	17639728	248915.07	15.4	81762.47	677475	1073.0118 ng/ml
Quetiapine	5.512	8927036	16690.01	61.6	1202.86	185520	713.1308 ng/ml
Sertraline	5.769	958588	225.36	95.3	10077.48	41303	1018.7349 ng/ml
Temazepam	5.831	2197896	23886.06	26.6	2495.72	78345	1185.7243 ng/ml
Tramadol	4.232	13051131	∞	3.8	698.89	780467	866.0666 ng/ml
Trazodone	5.054	8911316	234410.01	68.6	137.97	565967	570.9235 ng/ml
Venlafaxine	5.037	14872884	292434.55	34.1	398.08	783303	1016.0519 ng/ml
Xylazine	4.070	6084608	163344.54	49.3	82865.62	282542	980.2976 ng/ml
Zolpidem	4.824	18840059	566938.08	27.0	7277.49	803056	919.8190 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

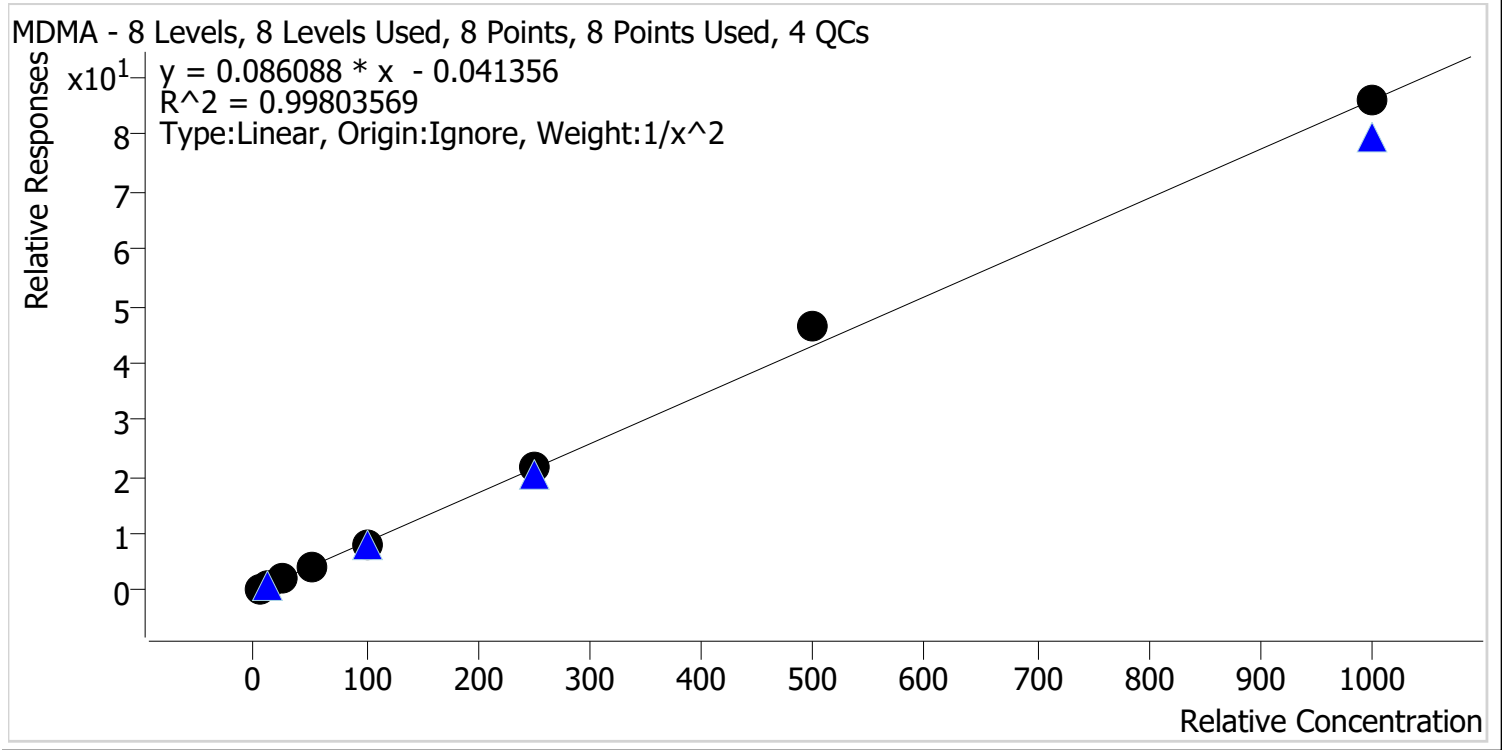


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.8
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	234.4	93.7
p1 Cal 7-500ng	7	✓	500.0	427.3	85.5
p1 Cal 8-1000ng	8	✗	1000.0	761.7	76.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

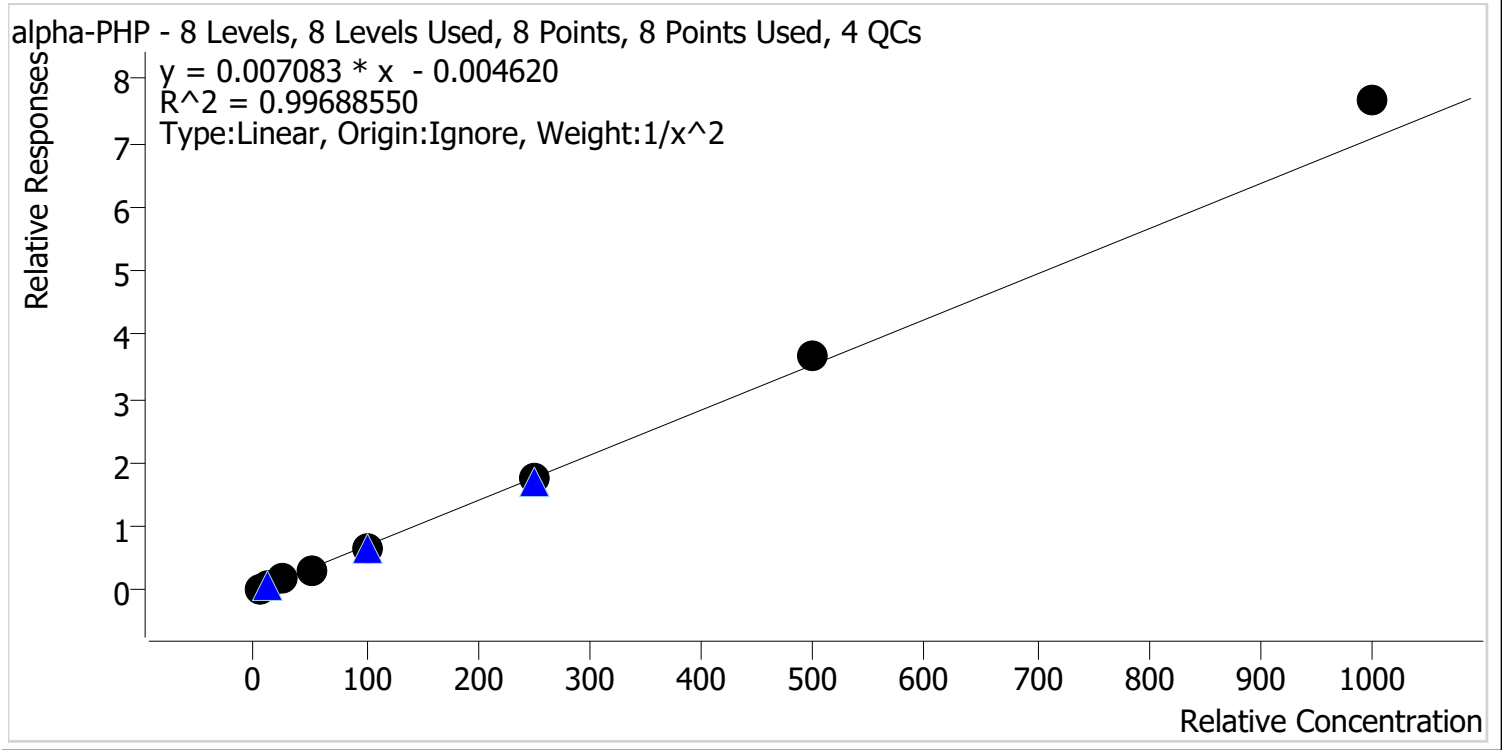


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	542.6	108.5
p1 Cal 8-1000ng	8	✓	1000.0	999.1	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

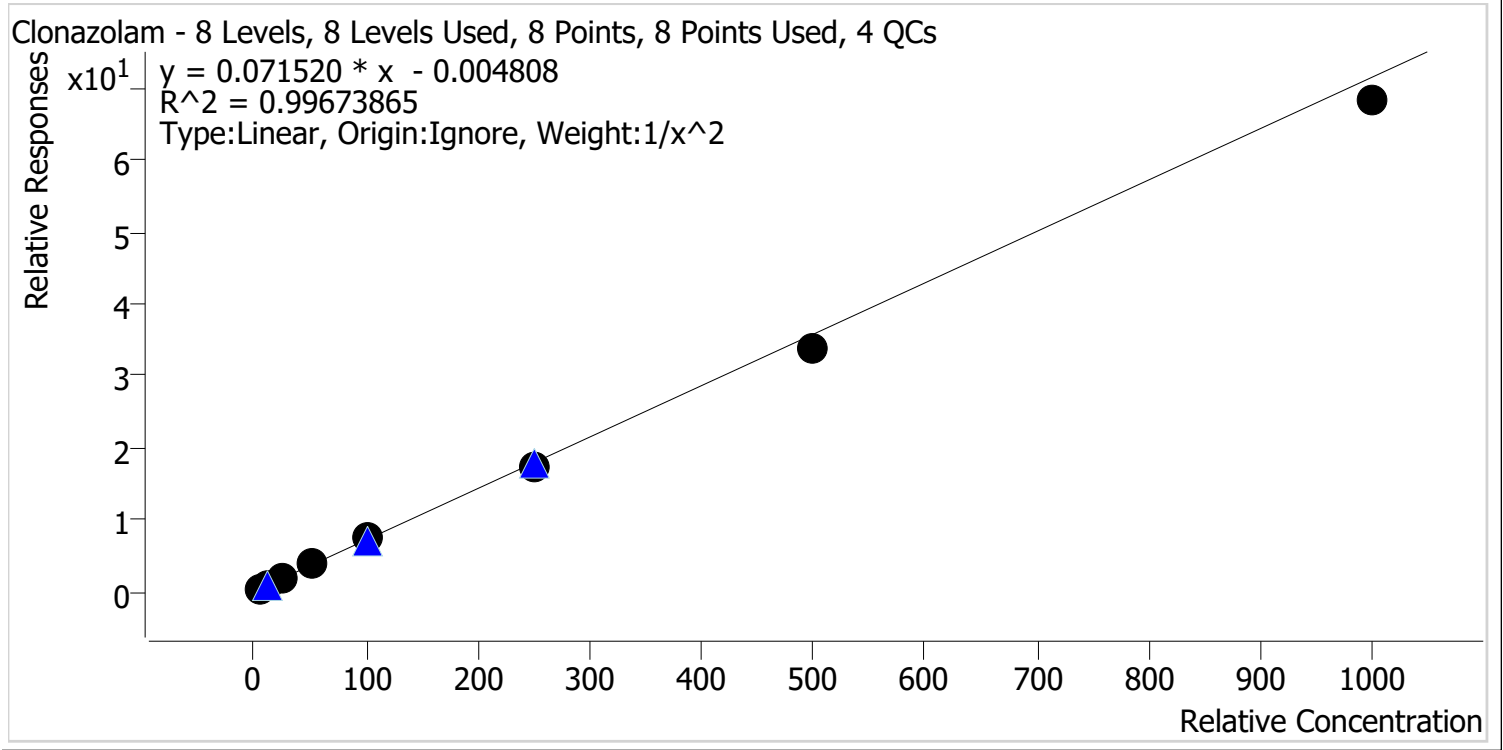


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.5	94.5
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	247.1	98.9
p1 Cal 7-500ng	7	✓	500.0	521.1	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1083.5	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

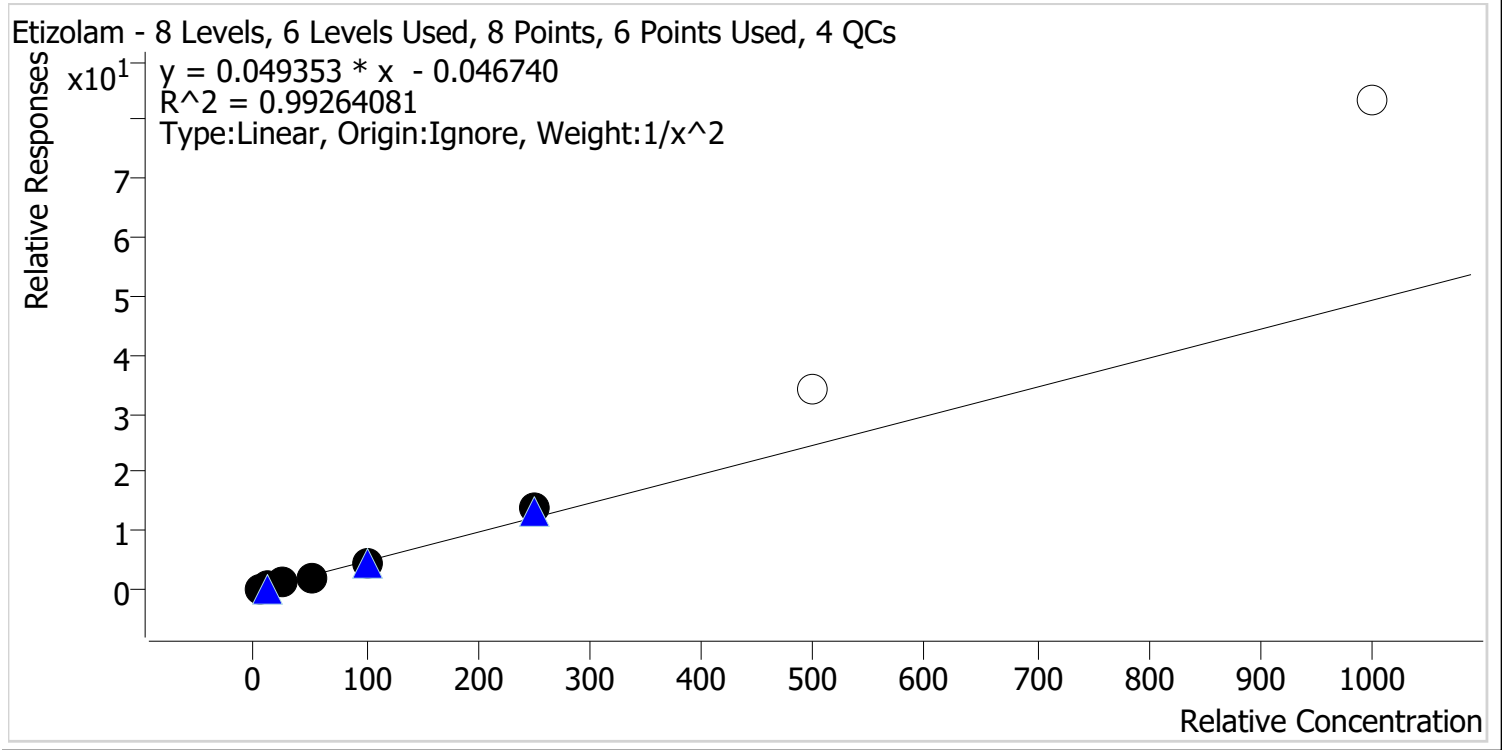


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	475.2	95.0
p1 Cal 8-1000ng	8	✓	1000.0	954.5	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

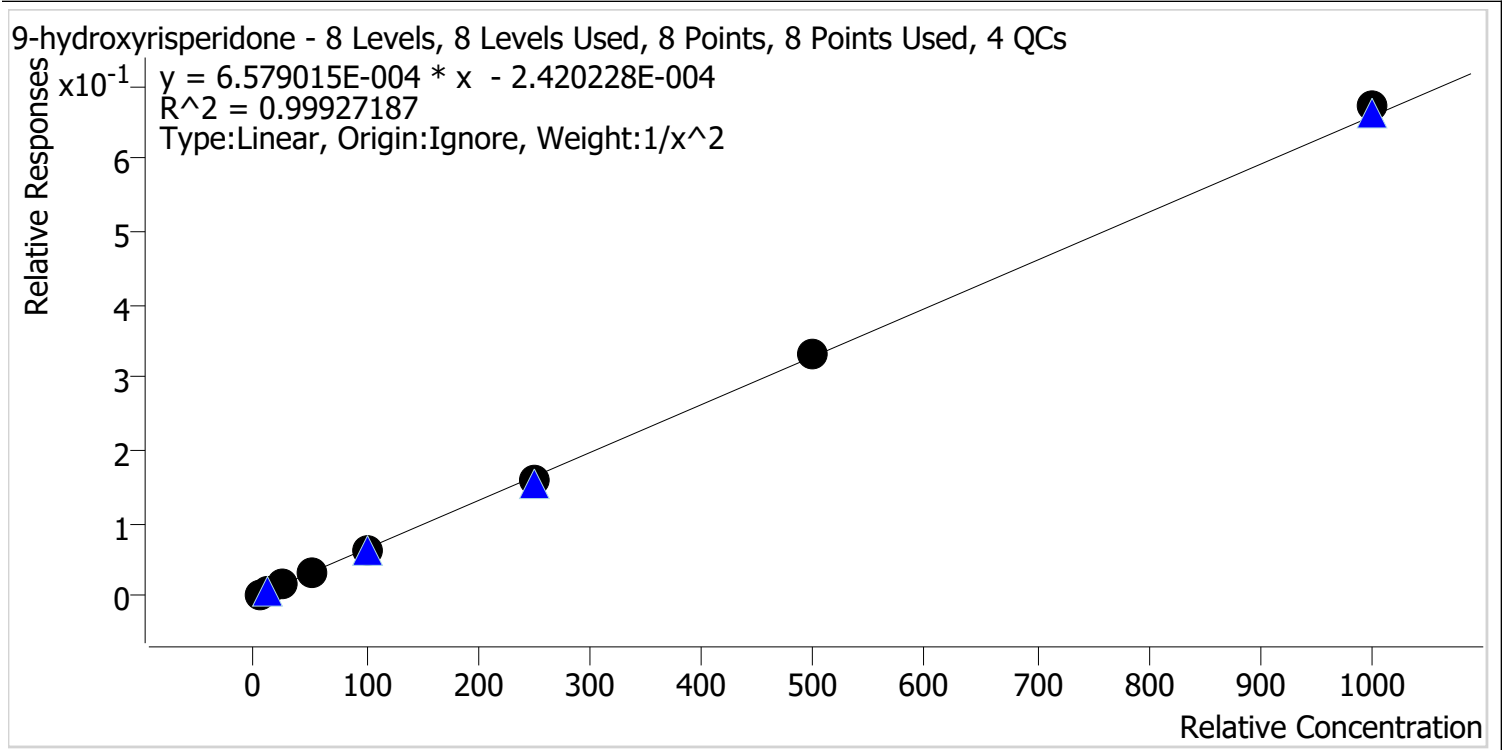


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	282.4	113.0
p1 Cal 7-500ng	7	x	500.0	689.8	138.0
p1 Cal 8-1000ng	8	x	1000.0	1688.6	168.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4

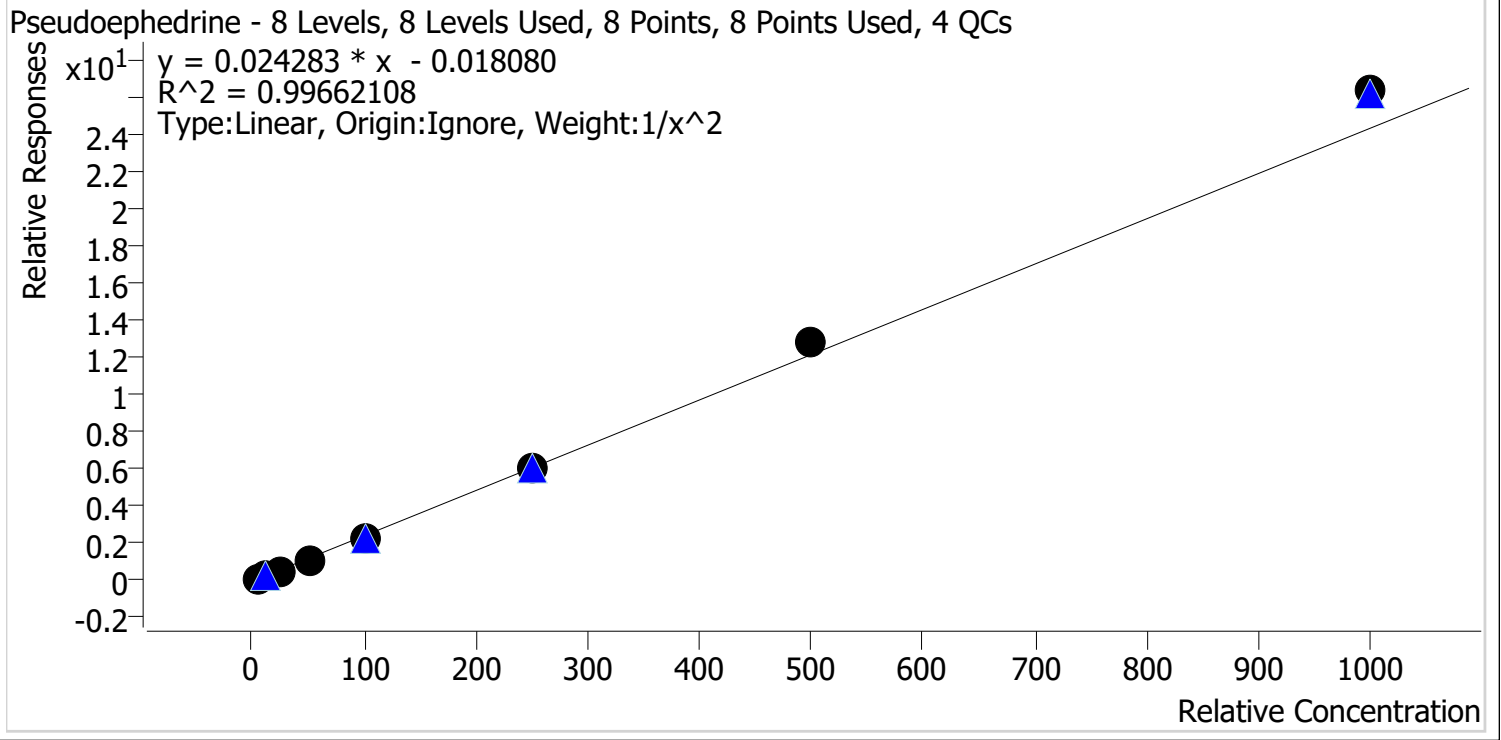


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	245.1	98.1
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1020.7	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

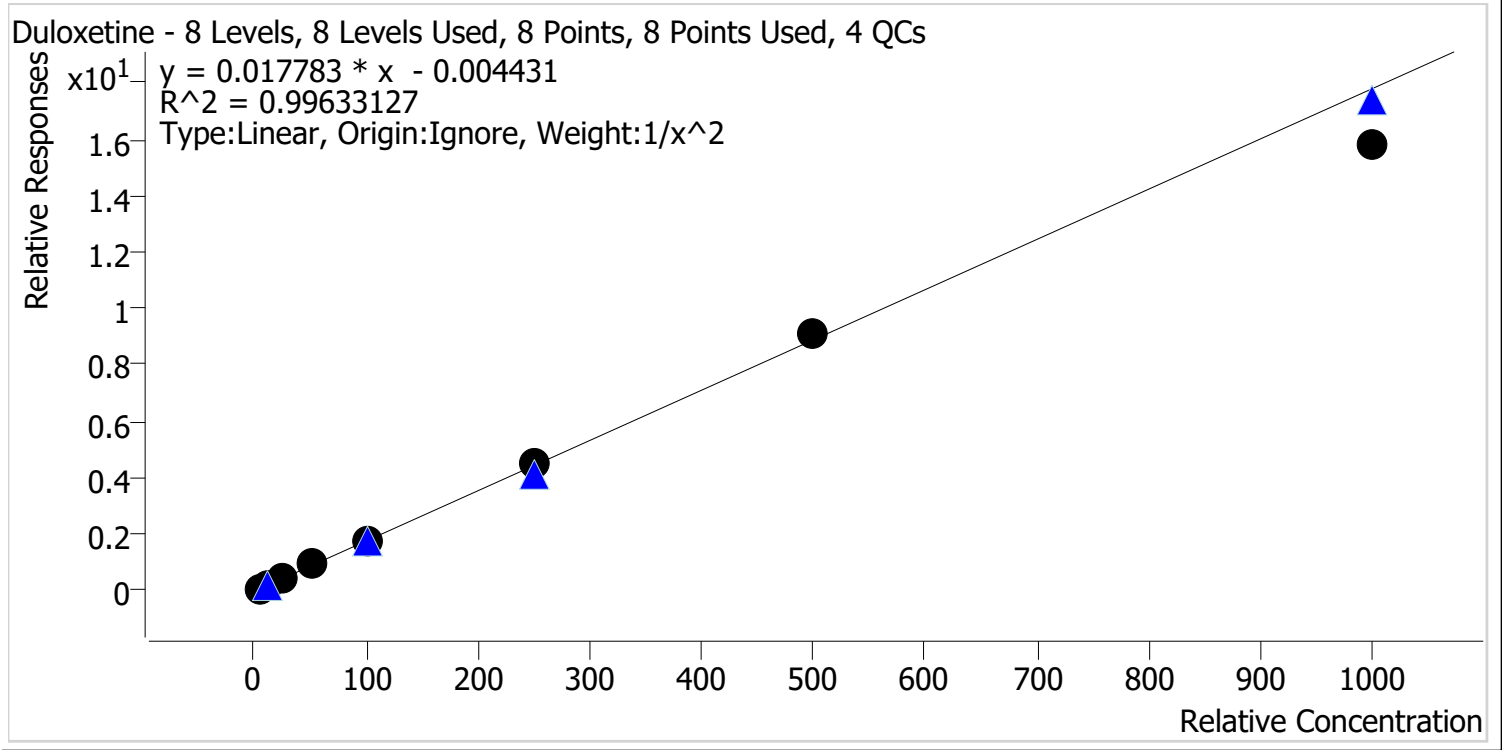


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.3
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	524.9	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1083.2	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

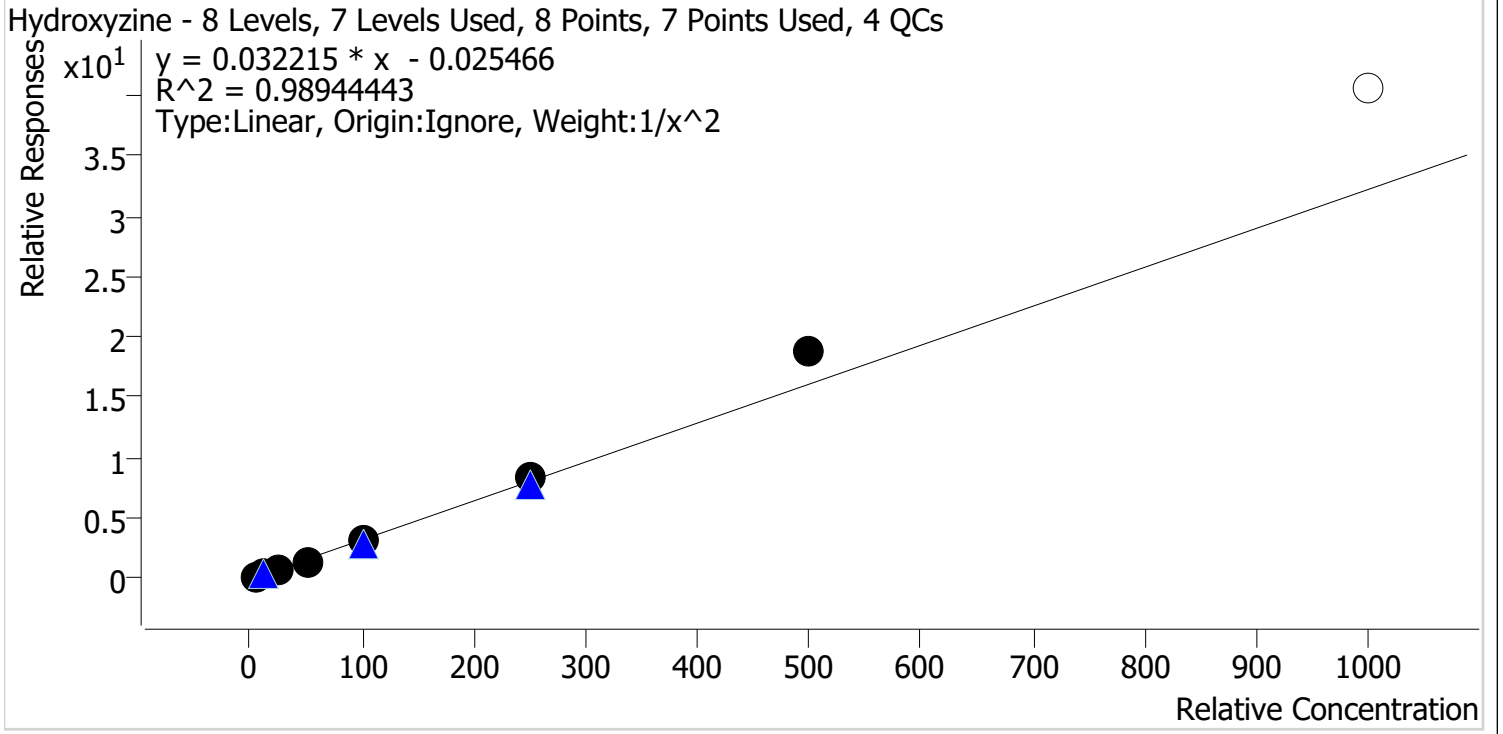


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.4
p1 Cal 4-50ng	4	✓	50.0	51.9	103.9
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	509.7	101.9
p1 Cal 8-1000ng	8	✓	1000.0	886.3	88.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

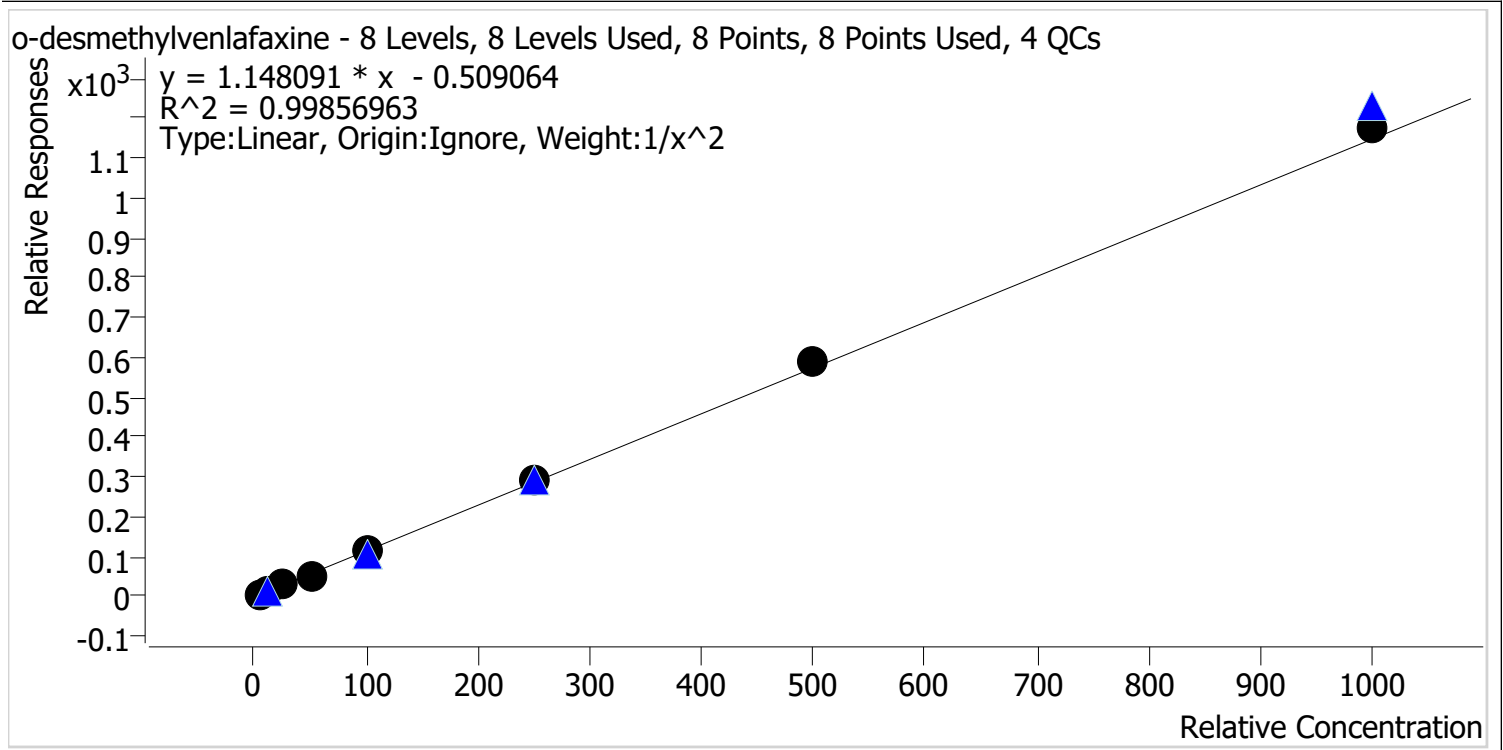


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.4
p1 Cal 4-50ng	4	✓	50.0	46.1	92.1
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	582.8	116.6
p1 Cal 8-1000ng	8	✗	1000.0	1259.1	125.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

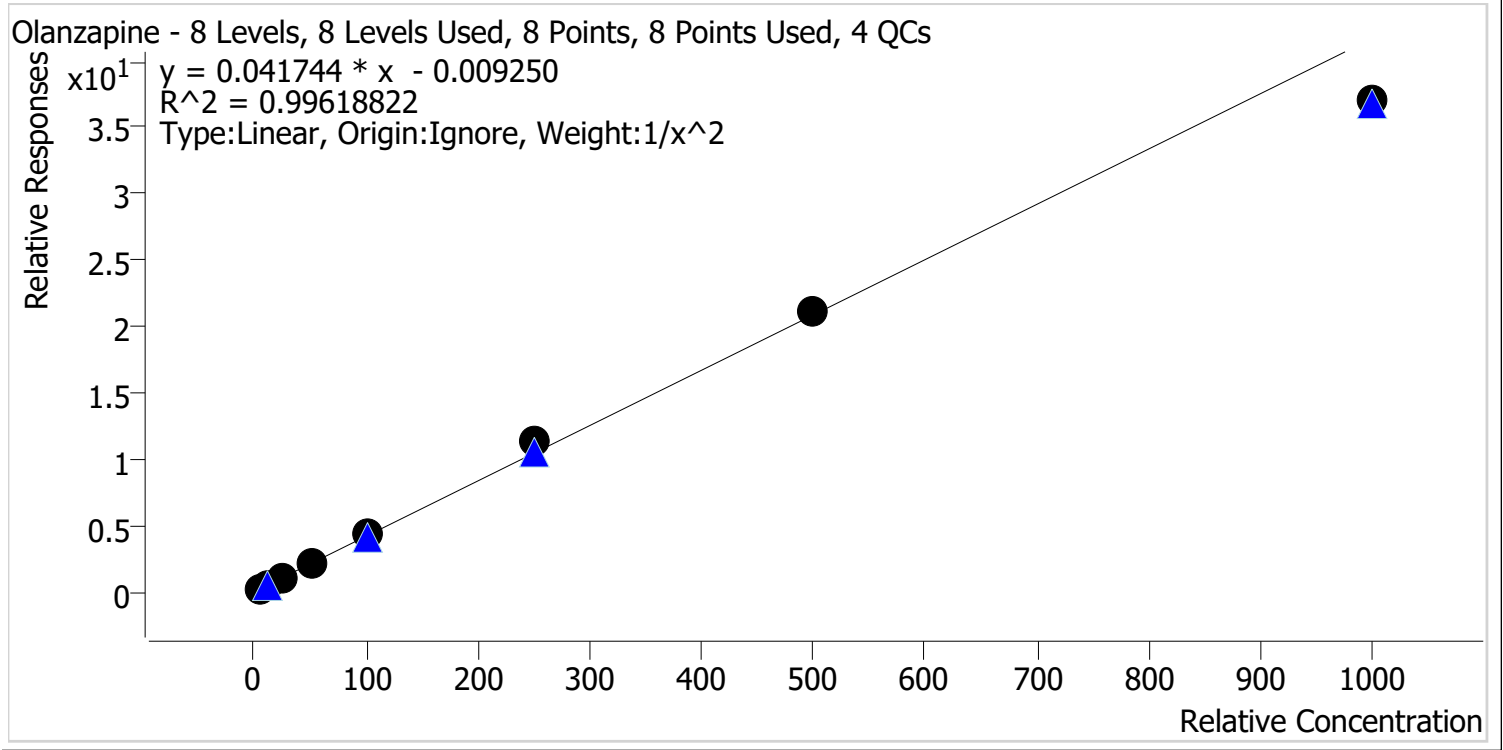


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	511.3	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1026.0	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

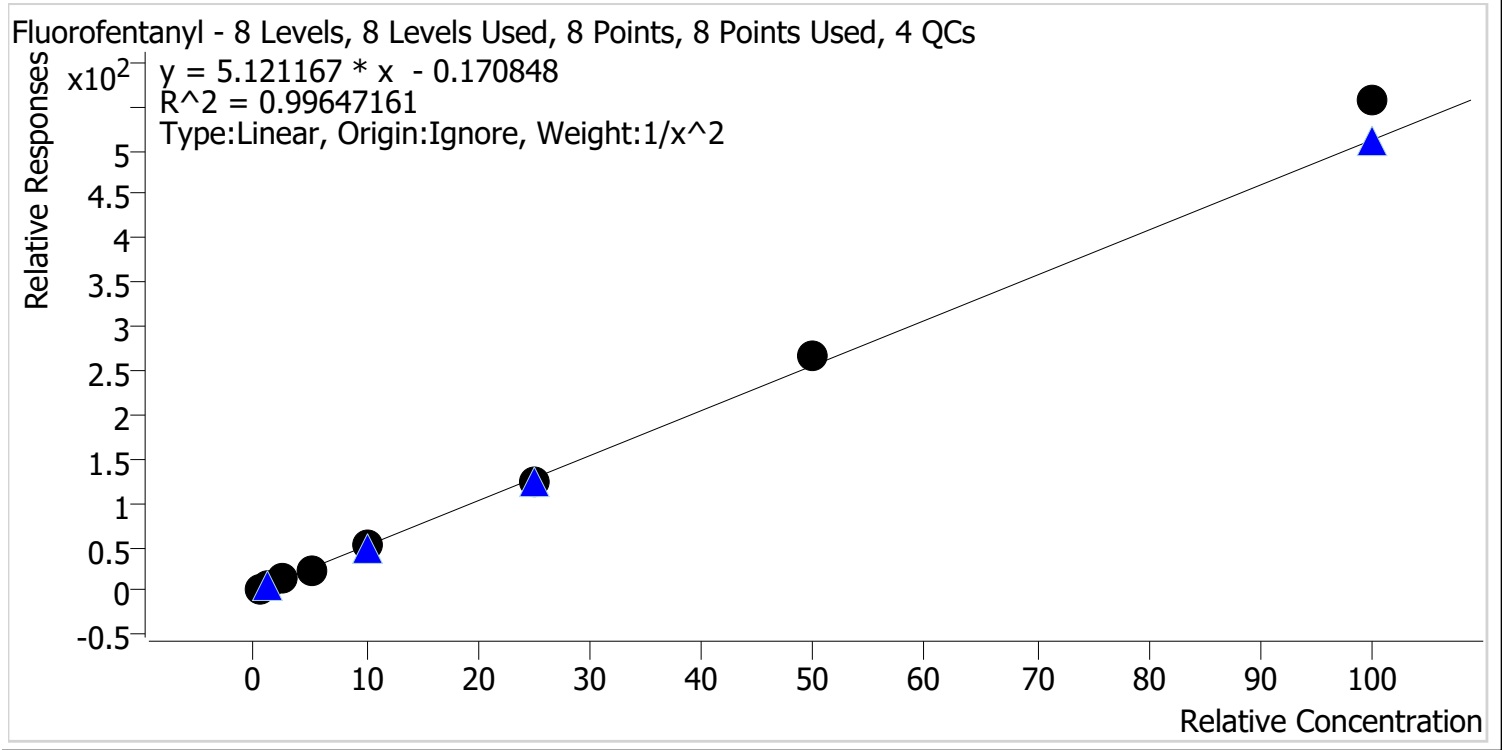


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	270.9	108.4
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	887.6	88.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

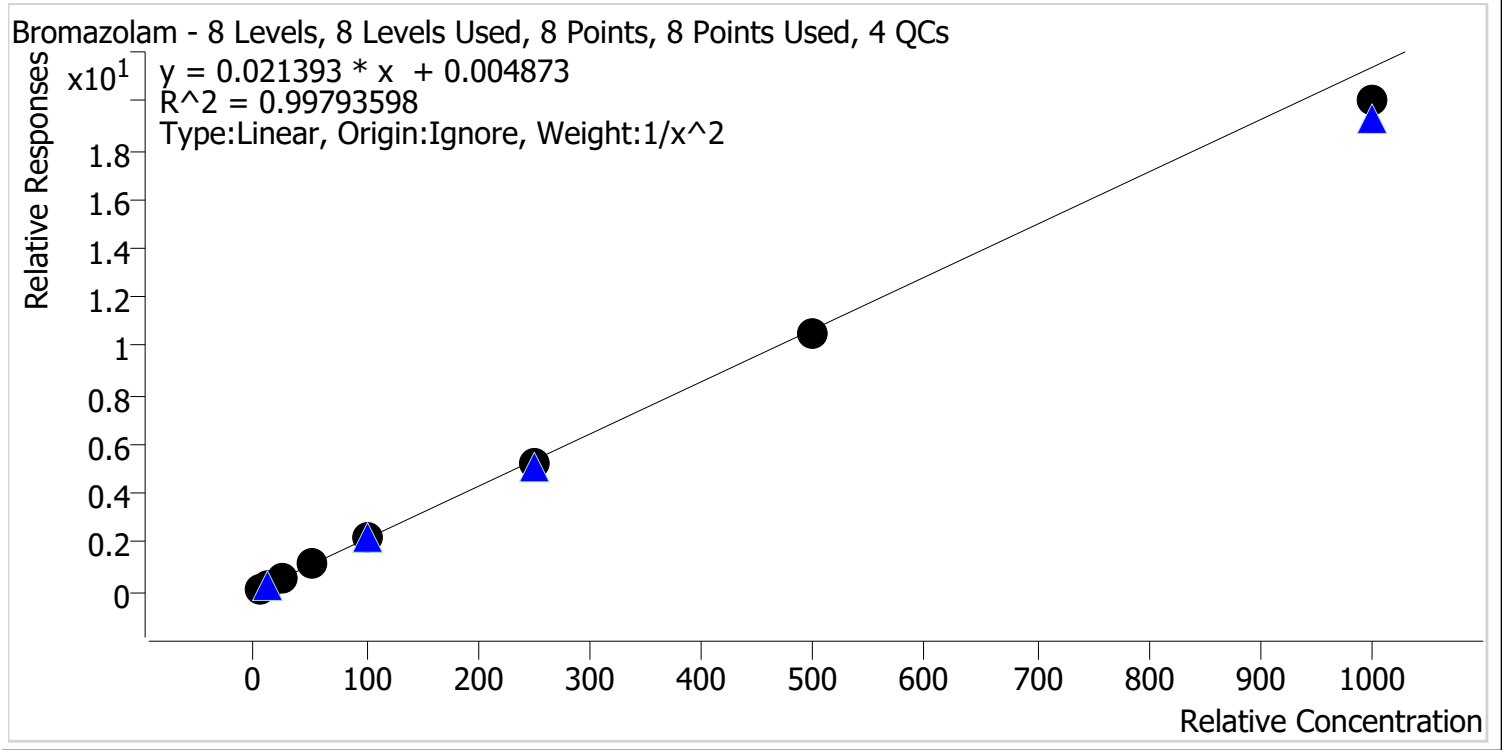


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.9
p1 Cal 2-10ng	2	✓	1.0	1.0	100.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.3
p1 Cal 4-50ng	4	✓	5.0	4.6	91.8
p1 Cal 5-100ng	5	✓	10.0	10.1	101.5
p1 Cal 6-250ng	6	✓	25.0	23.9	95.4
p1 Cal 7-500ng	7	✓	50.0	51.7	103.5
p1 Cal 8-1000ng	8	✓	100.0	108.7	108.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5



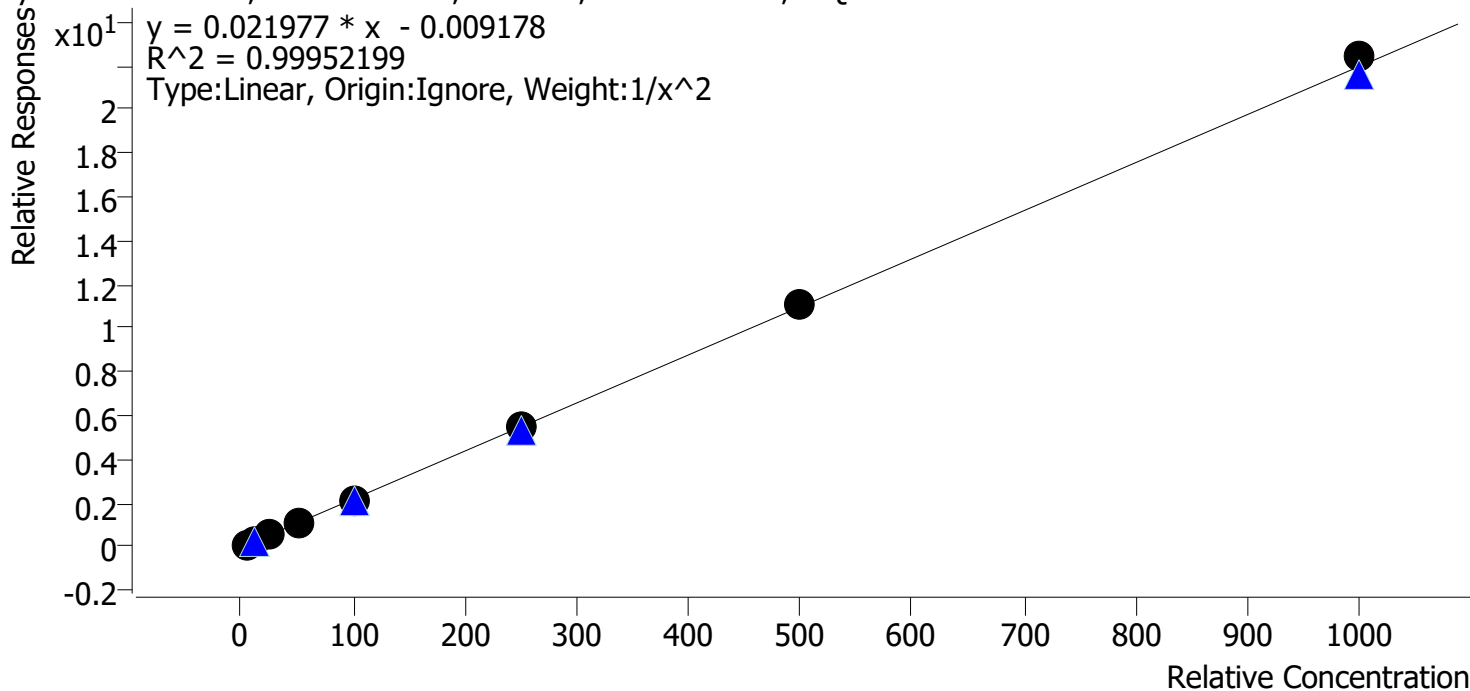
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	244.4	97.8
p1 Cal 7-500ng	7	✓	500.0	488.8	97.8
p1 Cal 8-1000ng	8	✓	1000.0	936.4	93.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

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

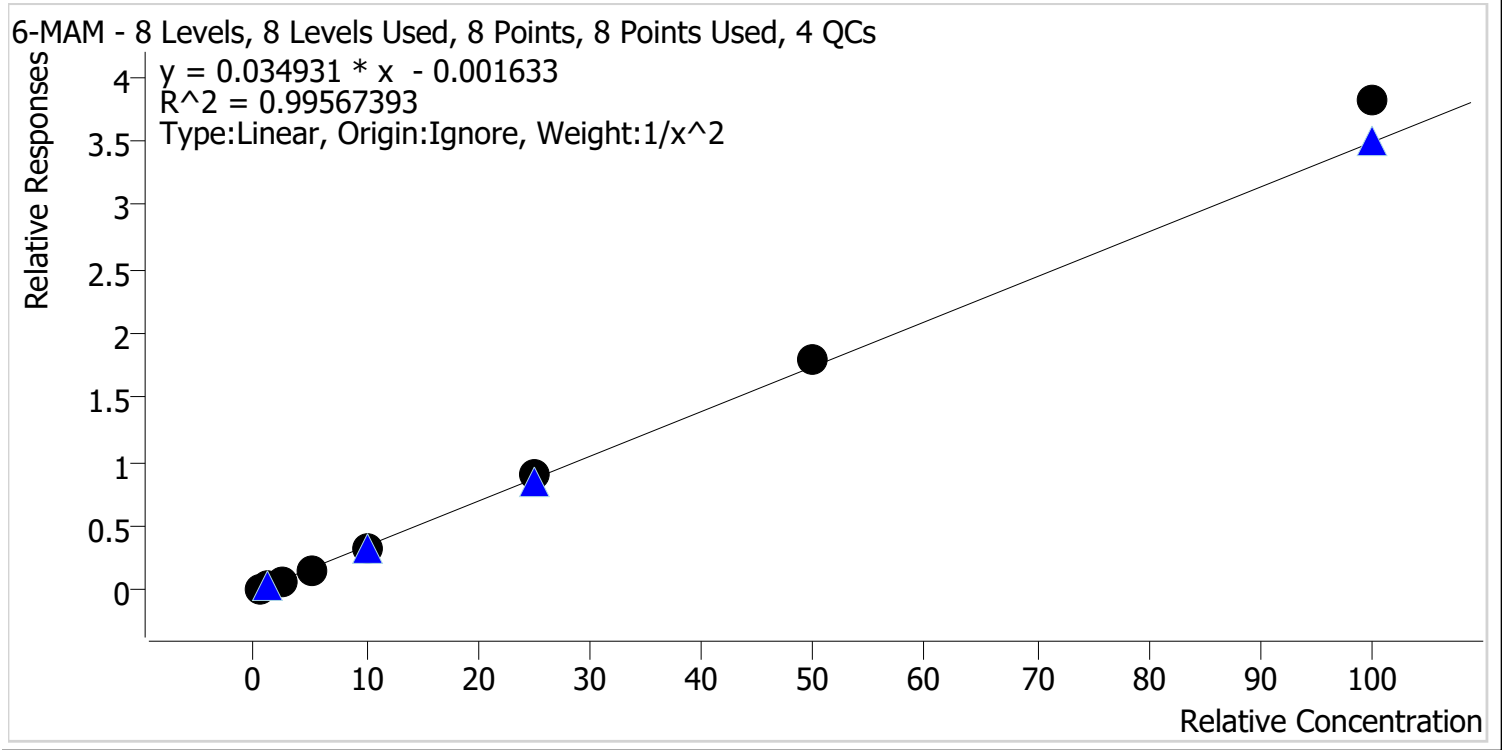


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1020.7	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



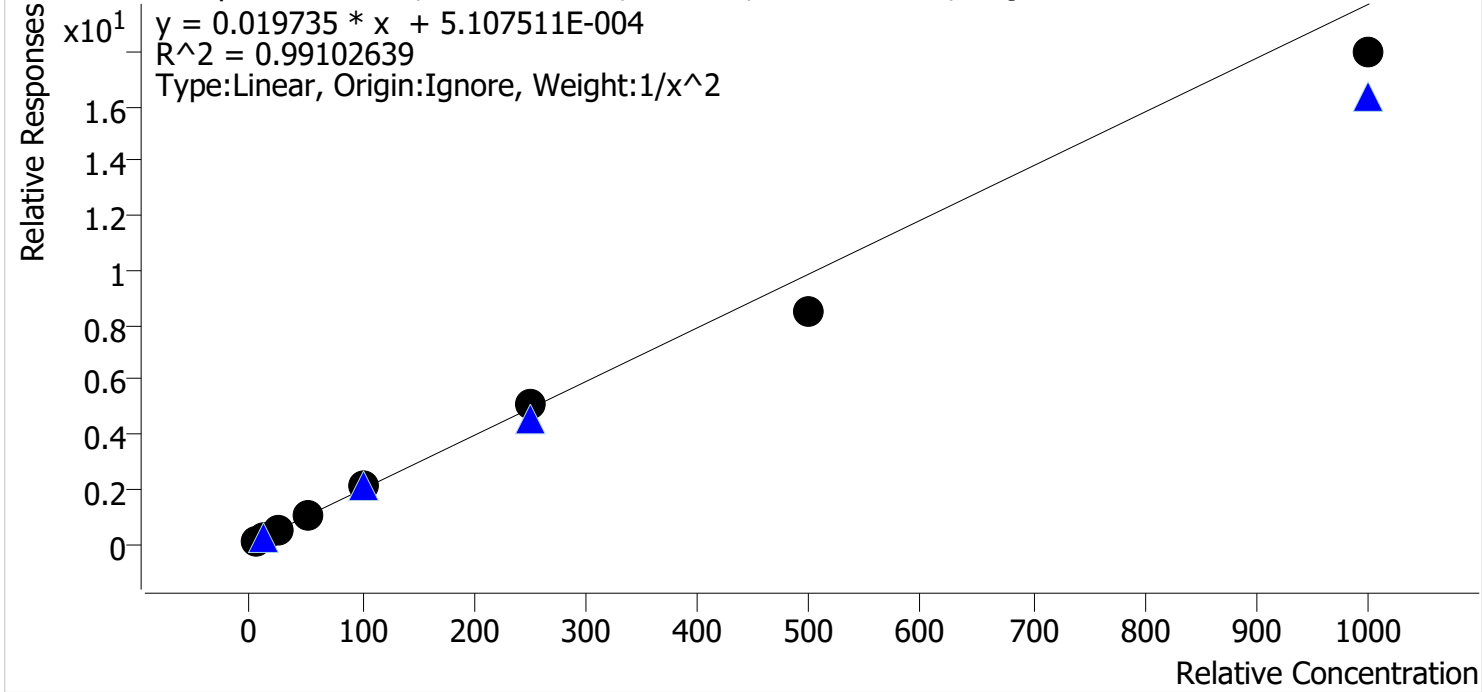
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.3
p1 Cal 2-10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	4.6	91.5
p1 Cal 5-100ng	5	✓	10.0	9.7	96.6
p1 Cal 6-250ng	6	✓	25.0	25.8	103.2
p1 Cal 7-500ng	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng	8	✓	100.0	109.3	109.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

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

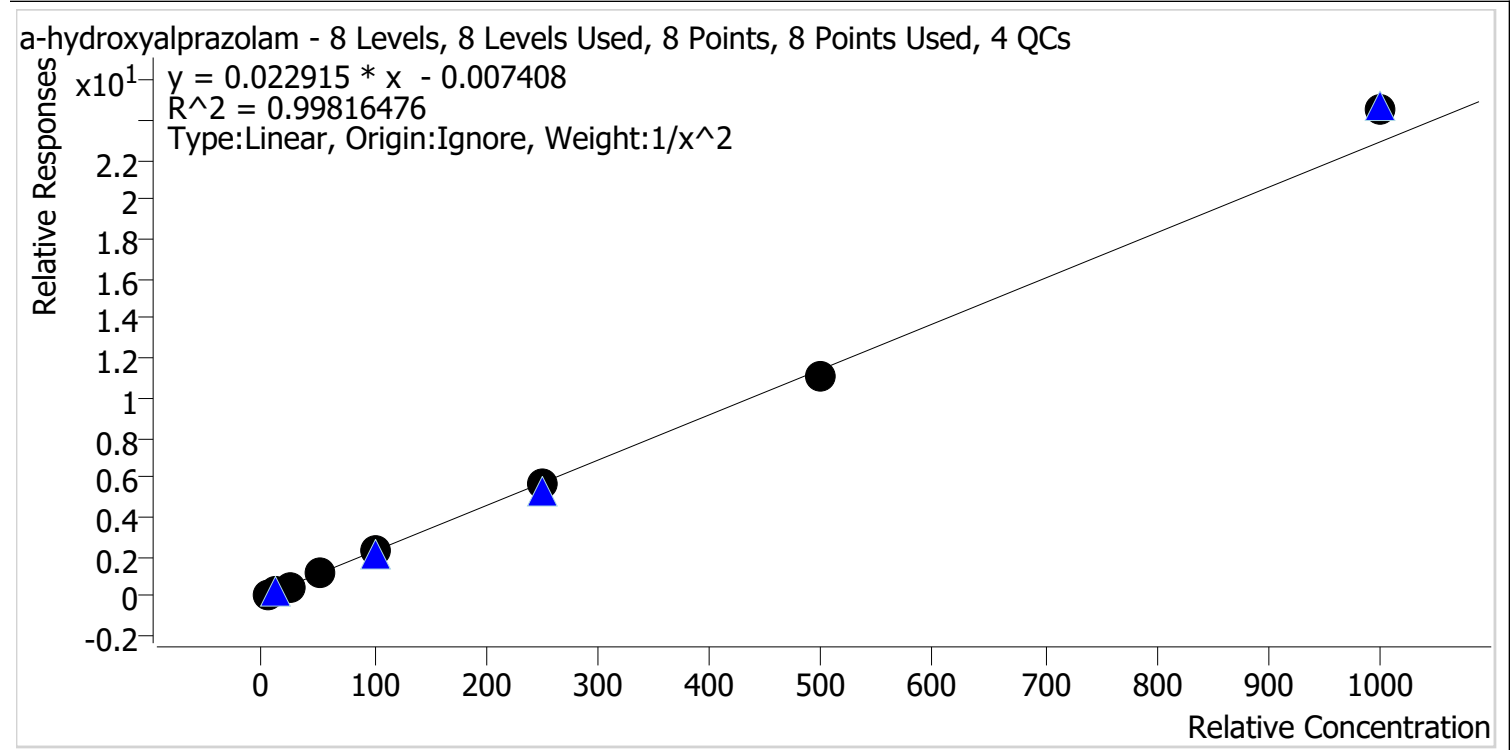


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	259.6	103.8
p1 Cal 7-500ng	7	✓	500.0	427.6	85.5
p1 Cal 8-1000ng	8	✓	1000.0	910.6	91.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

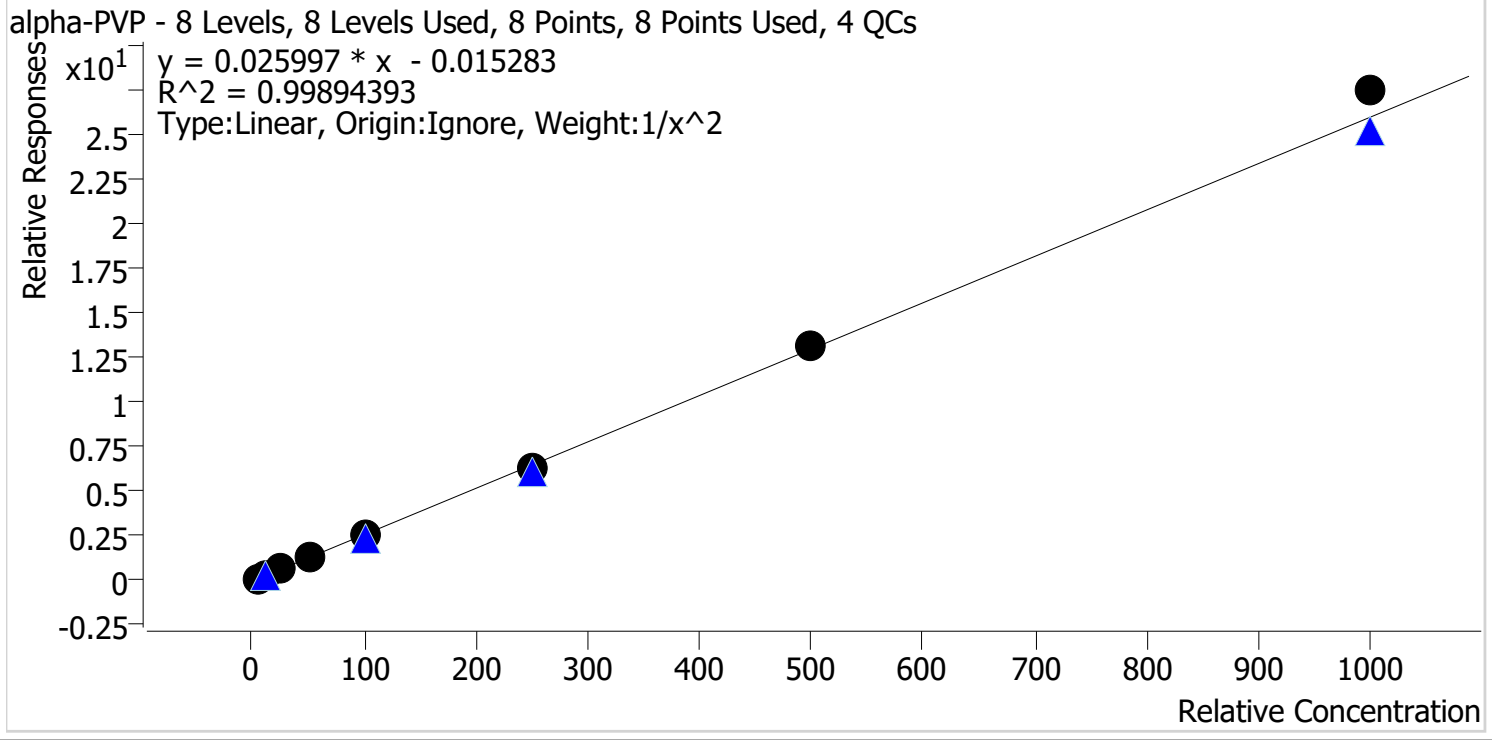


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	484.6	96.9
p1 Cal 8-1000ng	8	✓	1000.0	1073.4	107.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

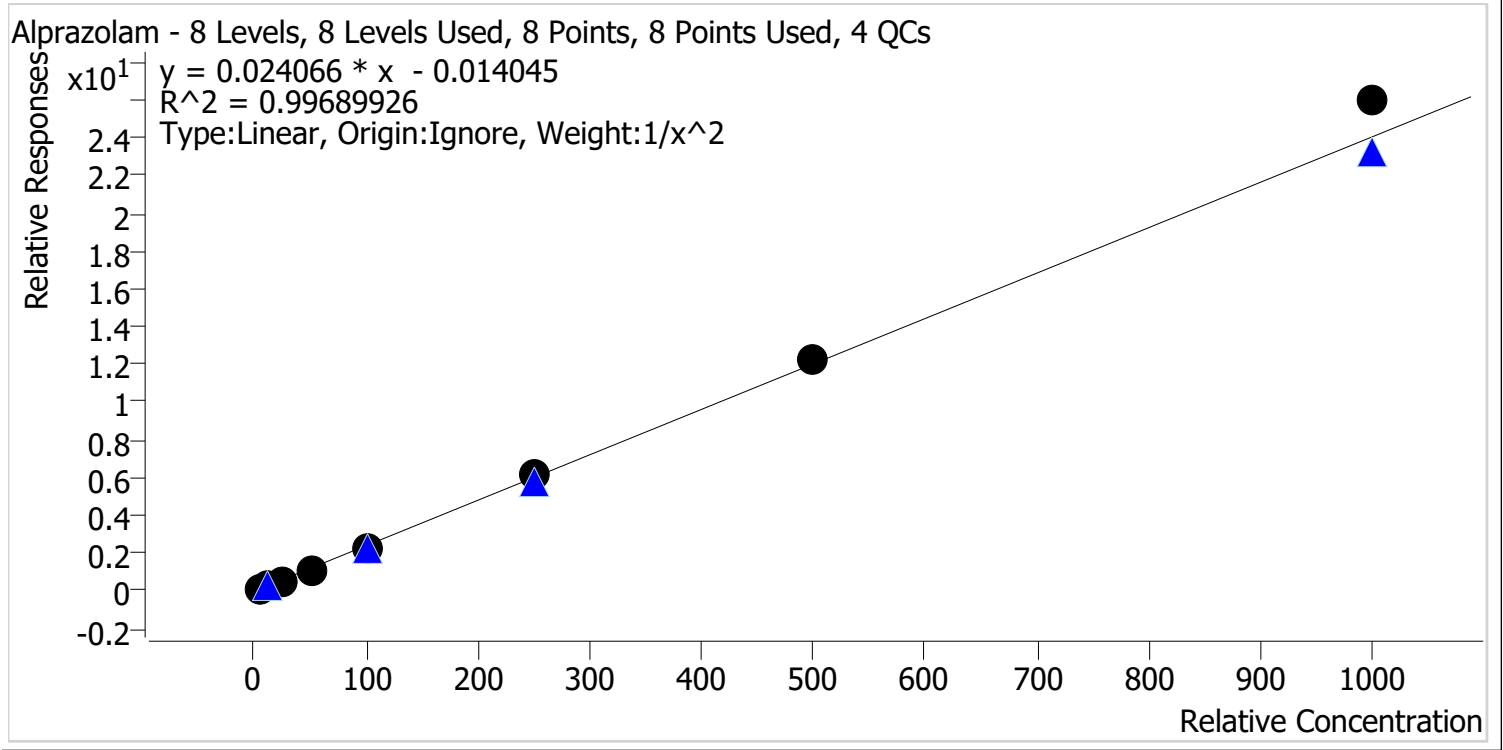


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1057.4	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

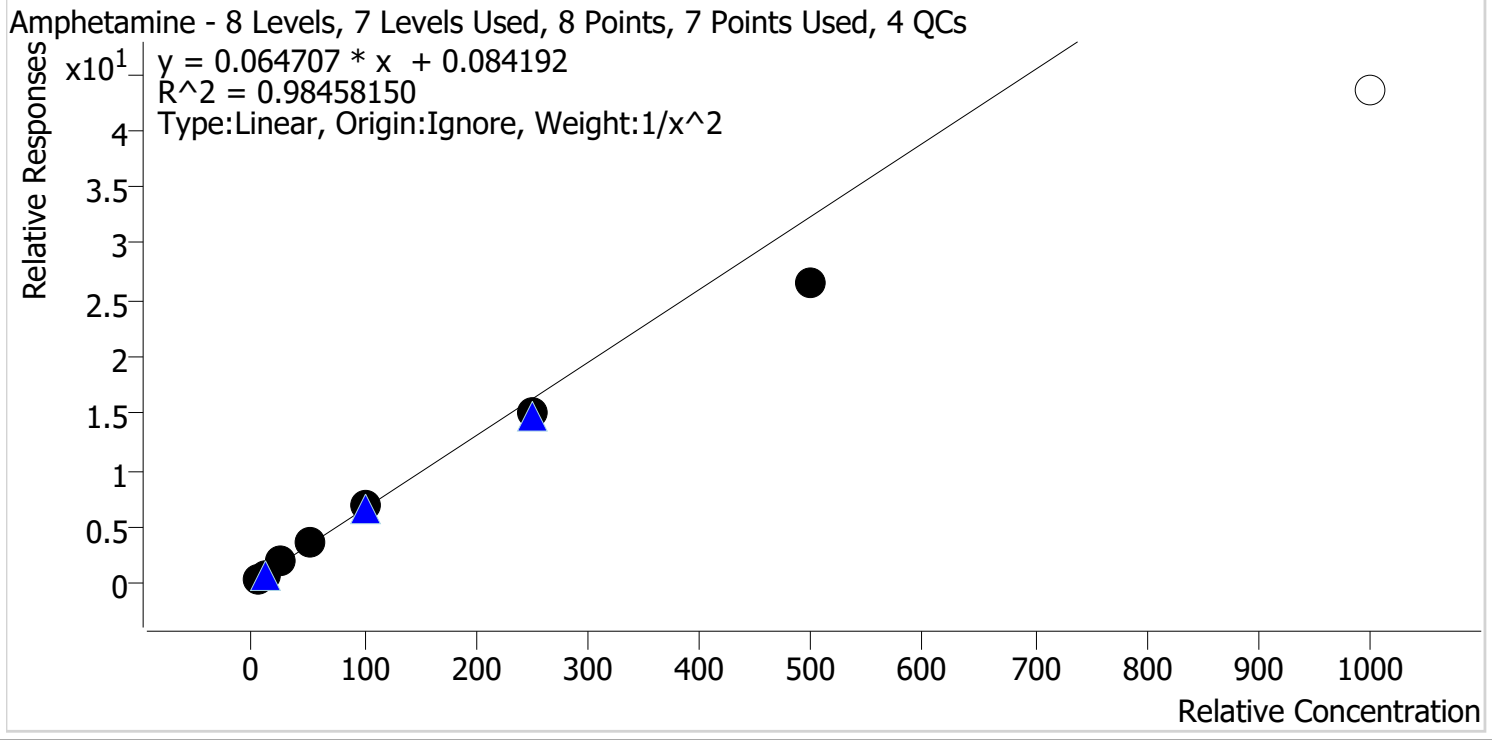


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	259.6	103.8
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1079.8	108.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



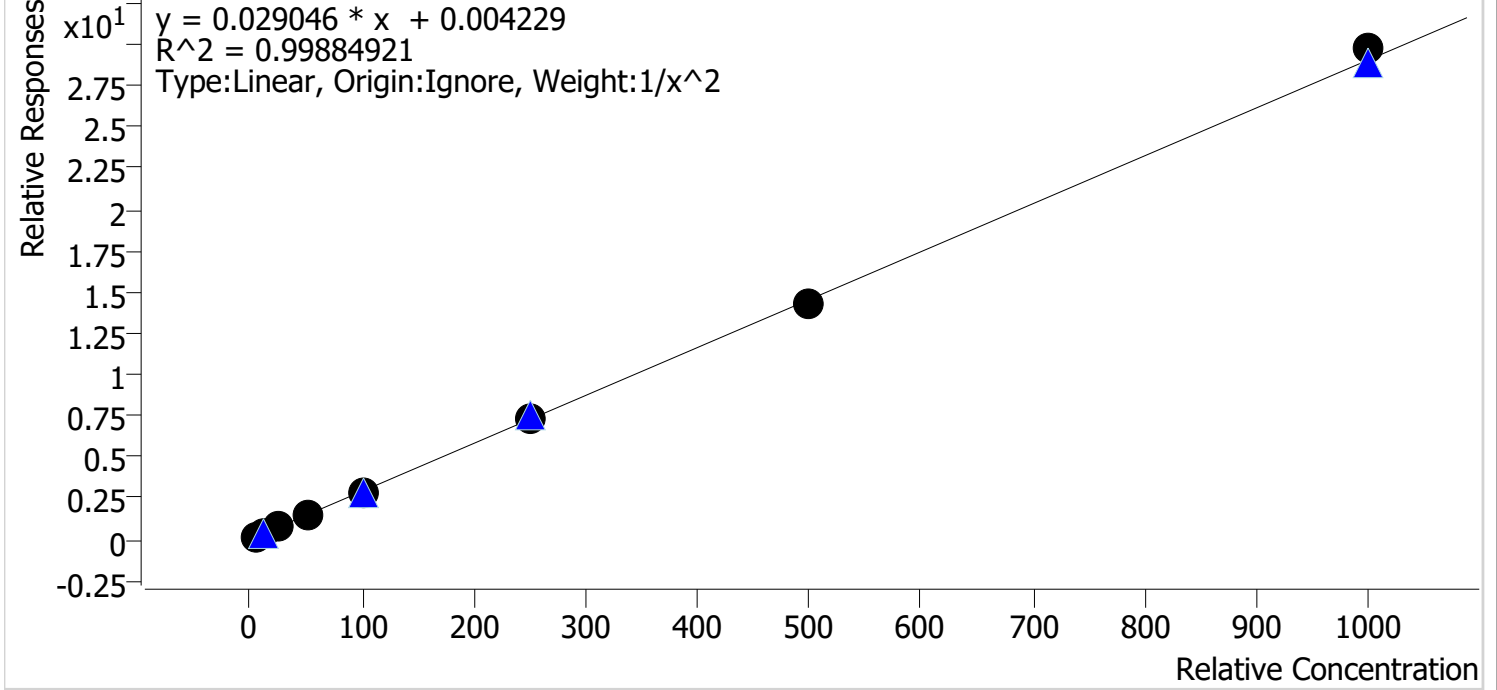
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	54.7	109.3
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	232.2	92.9
p1 Cal 7-500ng	7	✓	500.0	410.7	82.1
p1 Cal 8-1000ng	8	✗	1000.0	671.6	67.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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

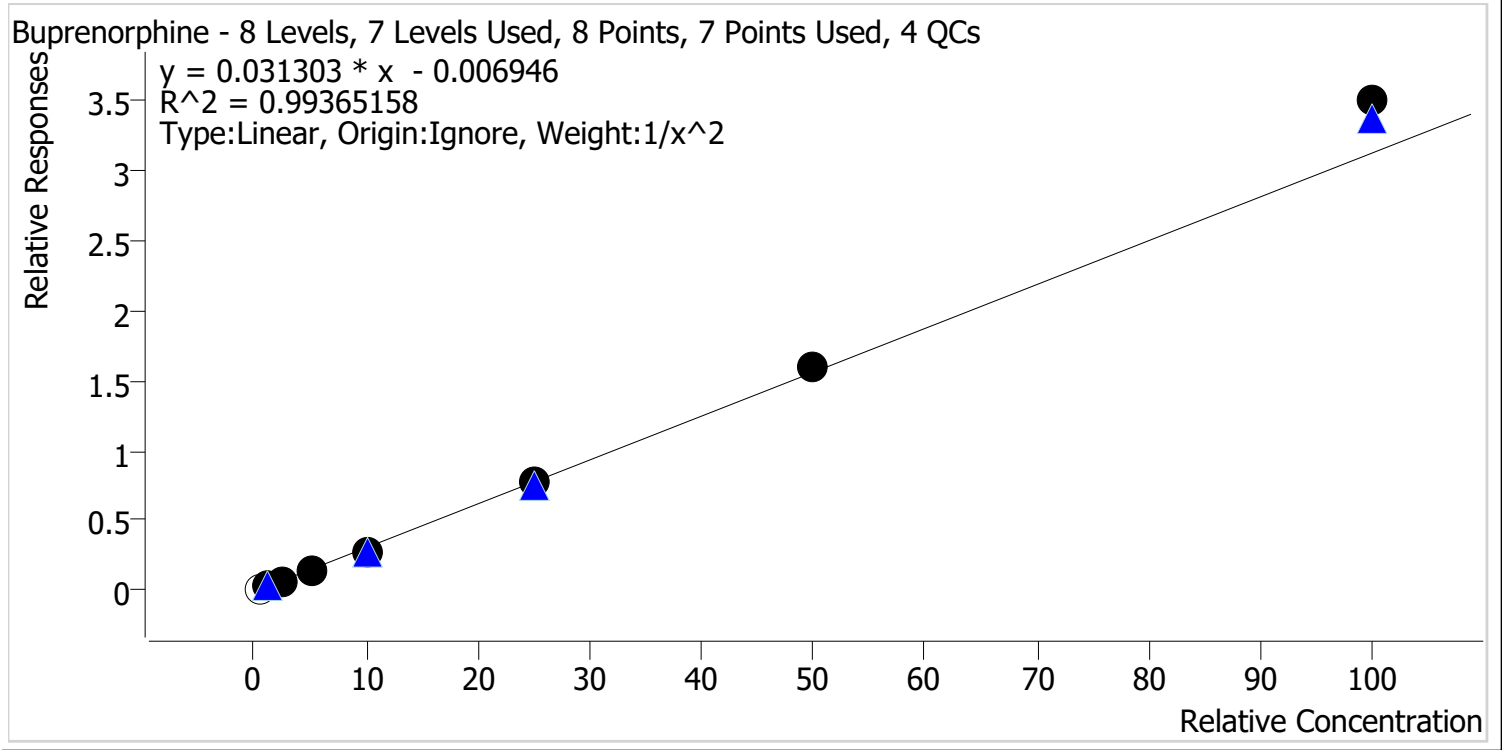


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	494.7	98.9
p1 Cal 8-1000ng	8	✓	1000.0	1023.8	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

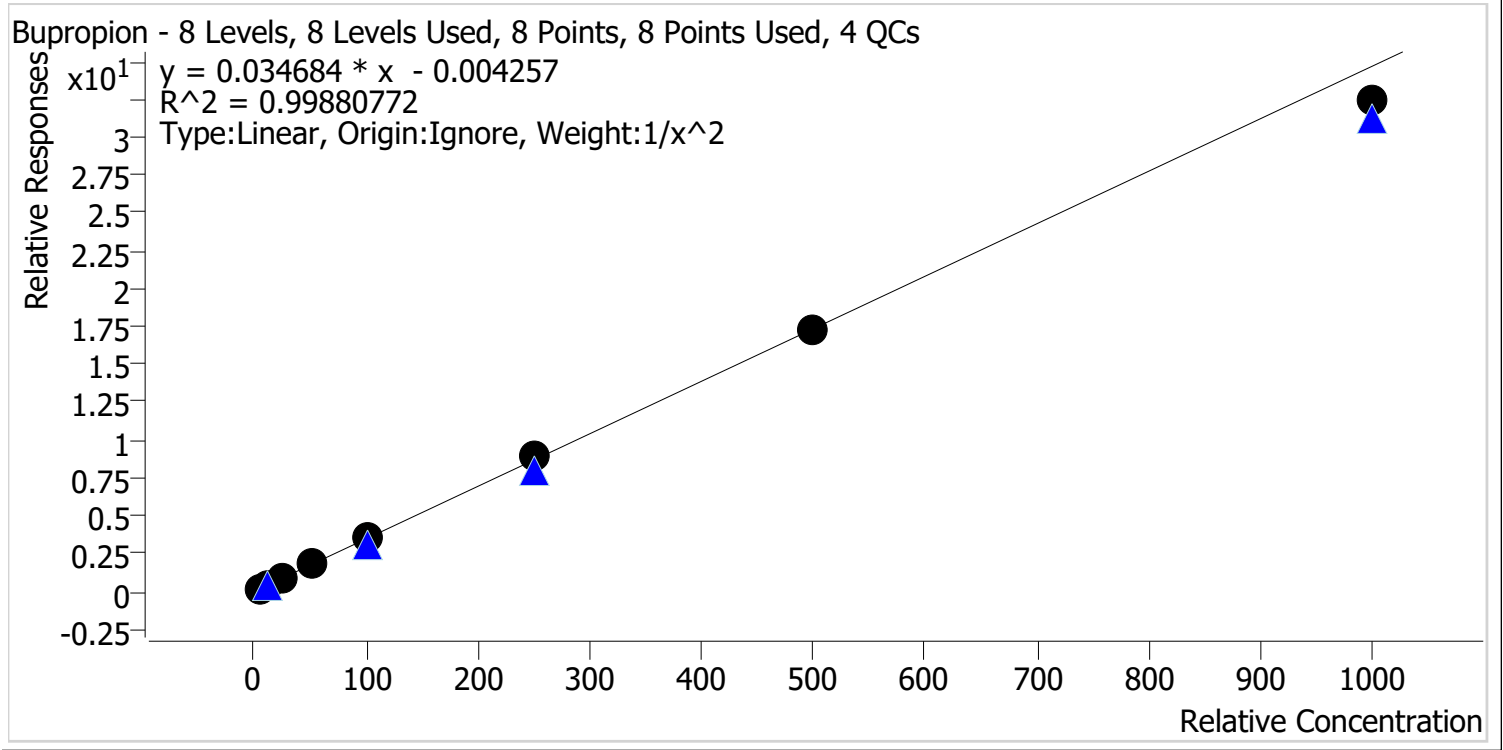


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.6	128.8
p1 Cal 2-10ng	2	✓	1.0	1.0	103.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.2
p1 Cal 4-50ng	4	✓	5.0	4.8	95.4
p1 Cal 5-100ng	5	✓	10.0	9.2	92.1
p1 Cal 6-250ng	6	✓	25.0	25.0	100.0
p1 Cal 7-500ng	7	✓	50.0	51.3	102.5
p1 Cal 8-1000ng	8	✓	100.0	112.0	112.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

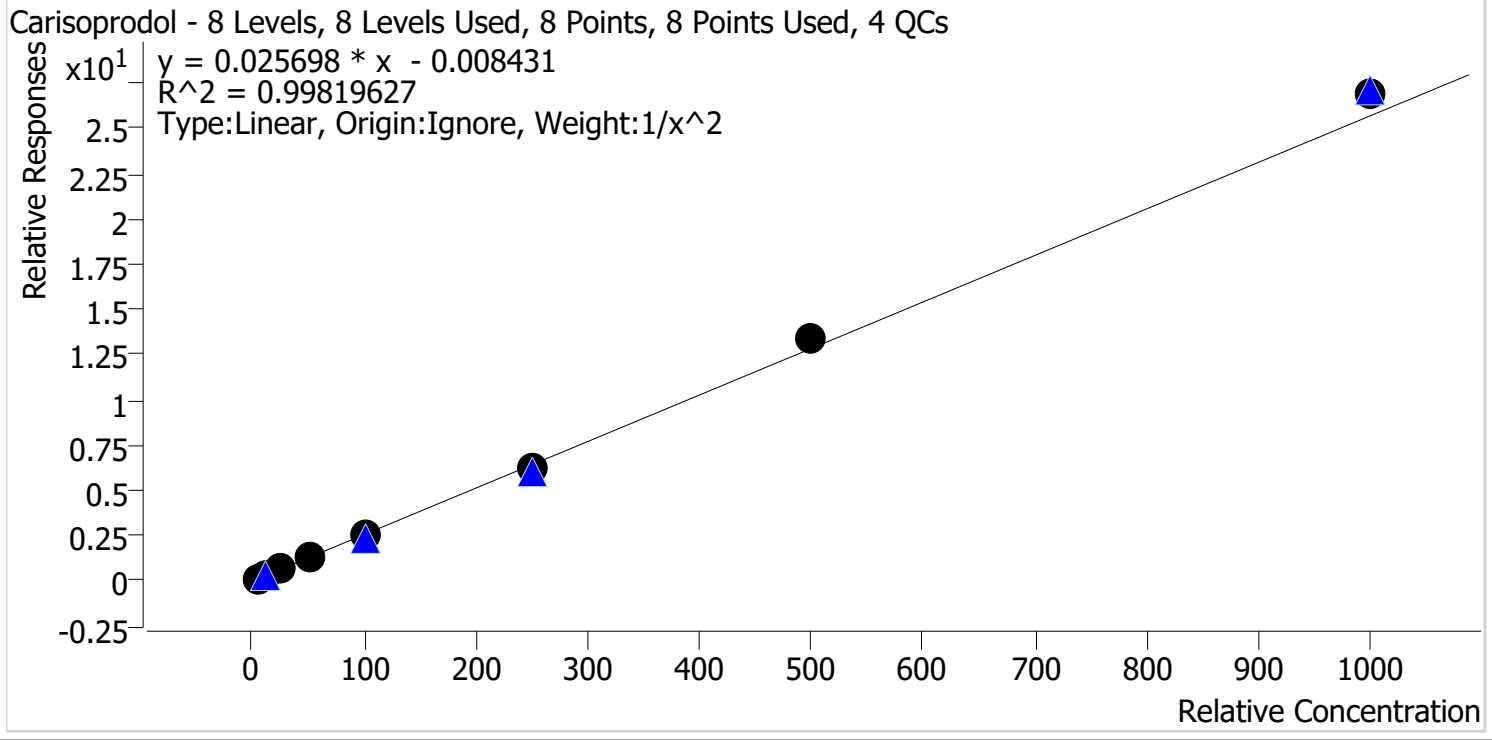


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	934.5	93.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

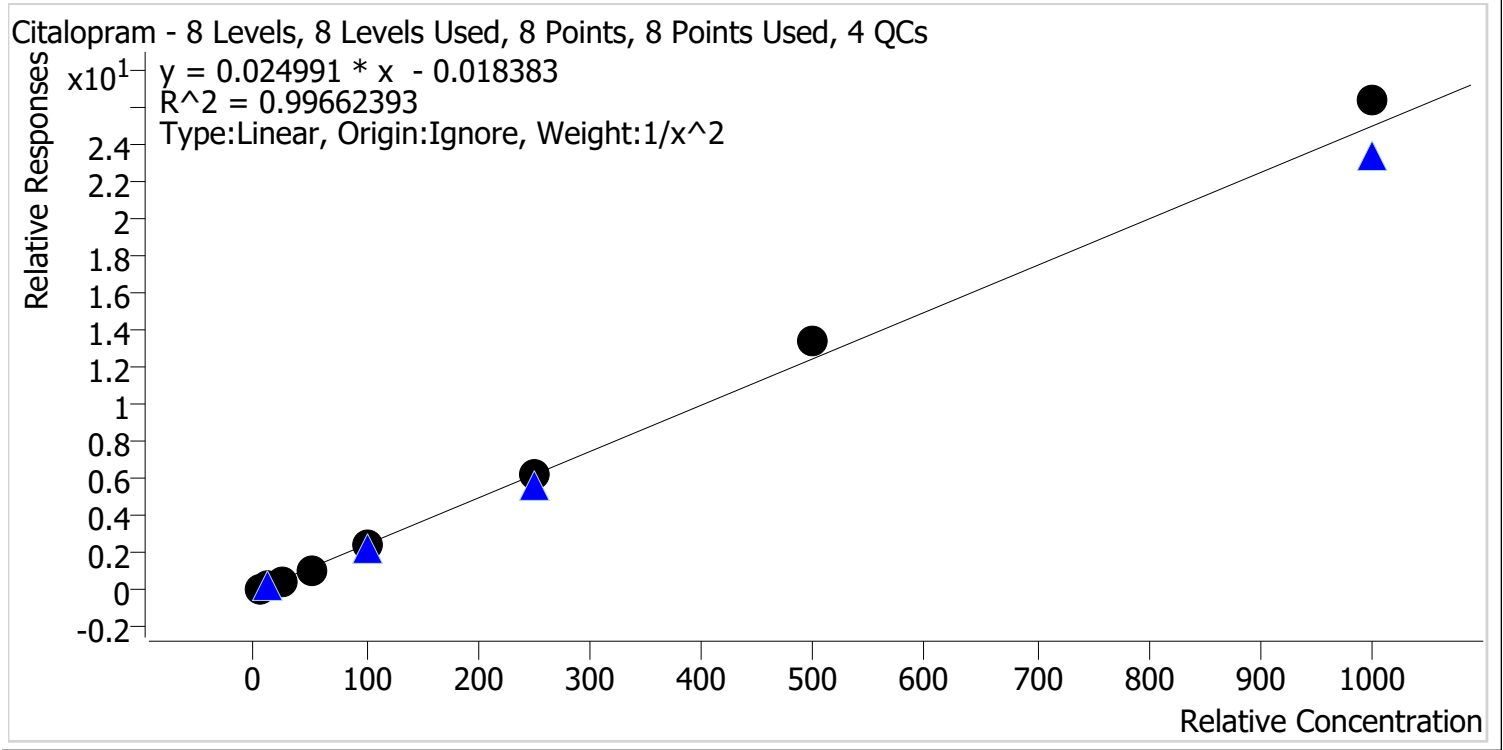


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	525.0	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1050.2	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

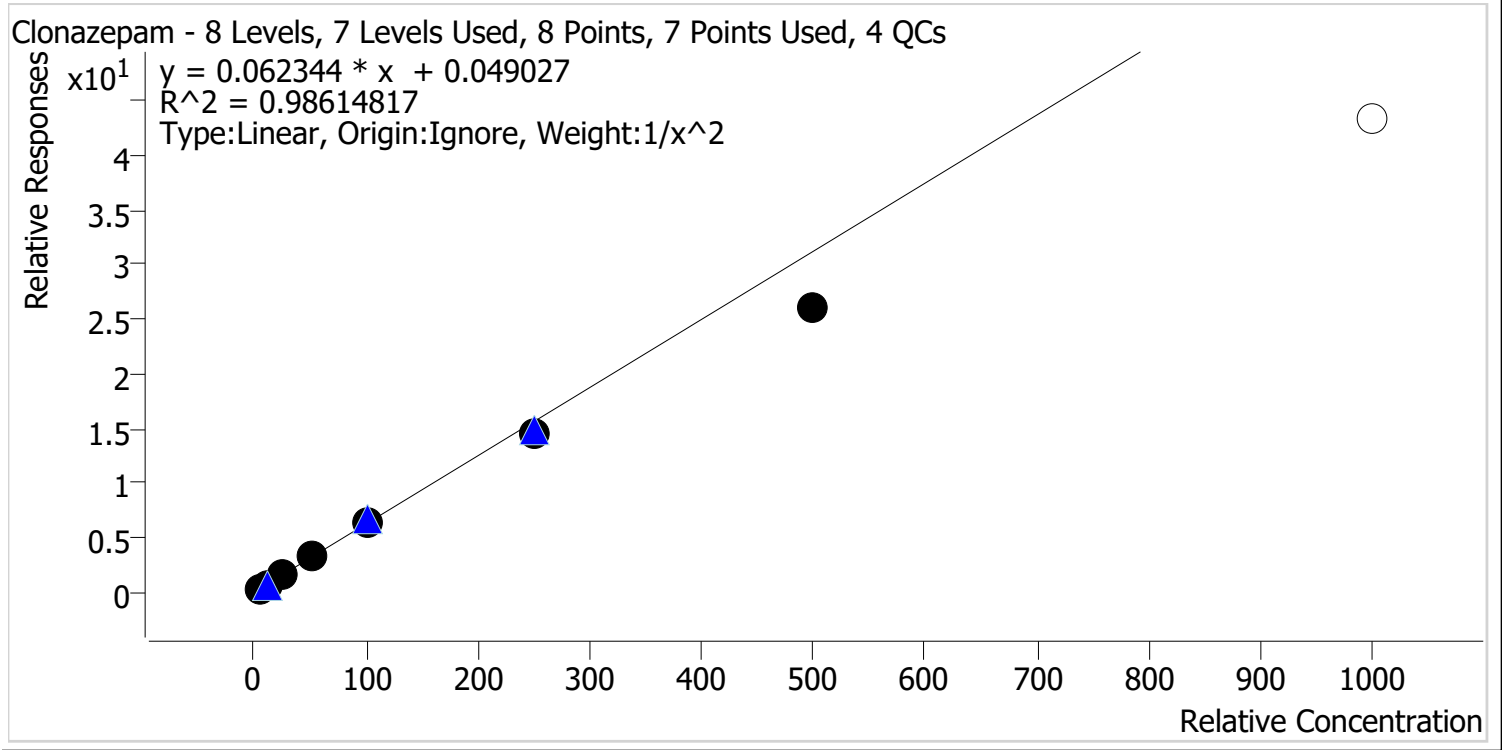


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	538.1	107.6
p1 Cal 8-1000ng	8	✓	1000.0	1054.9	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

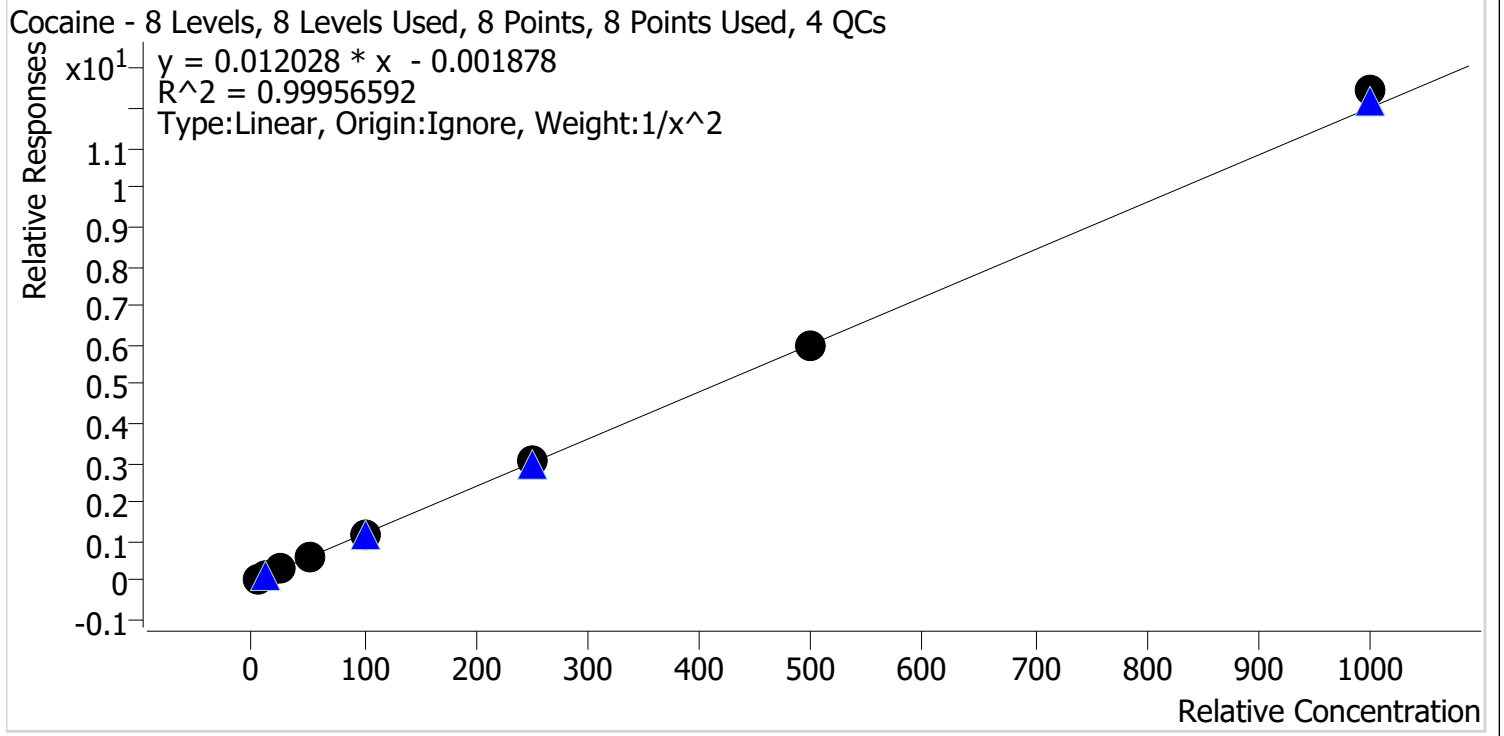


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.5
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	232.8	93.1
p1 Cal 7-500ng	7	✓	500.0	416.1	83.2
p1 Cal 8-1000ng	8	✗	1000.0	696.1	69.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



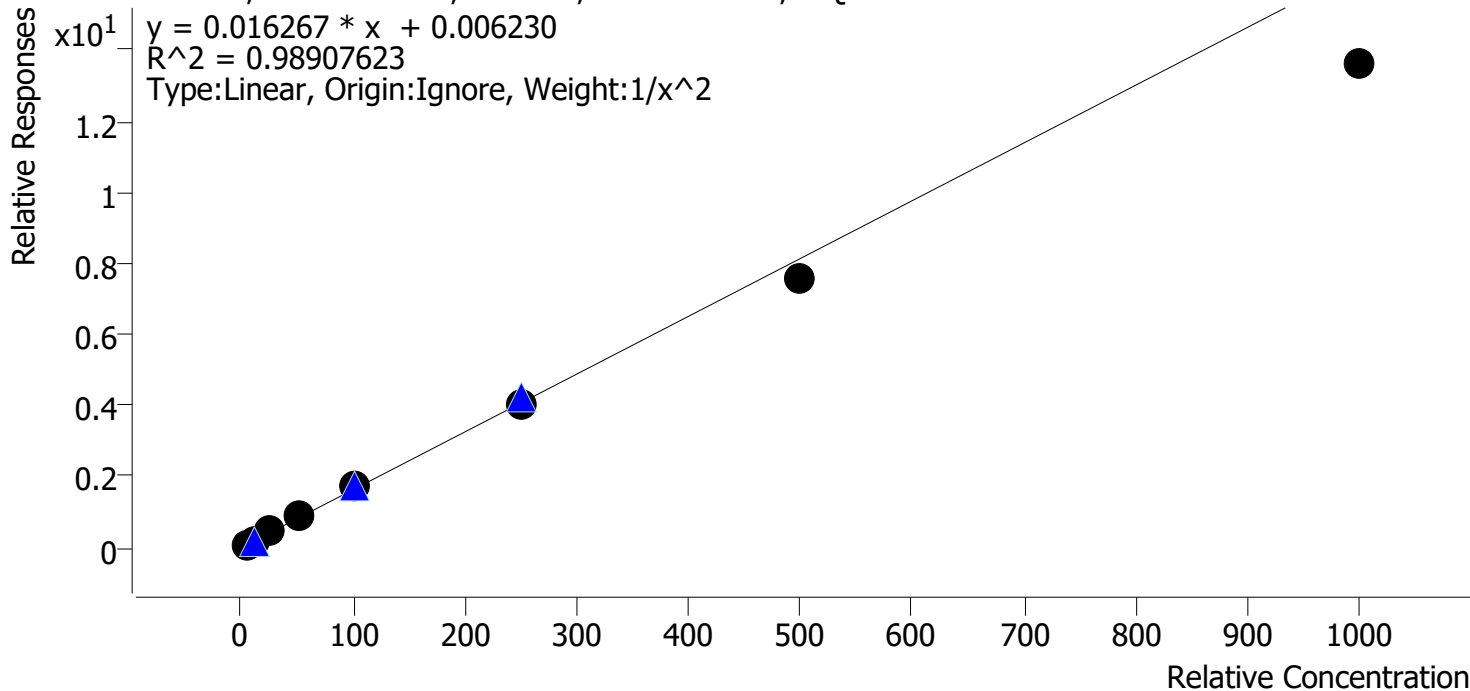
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1036.2	103.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



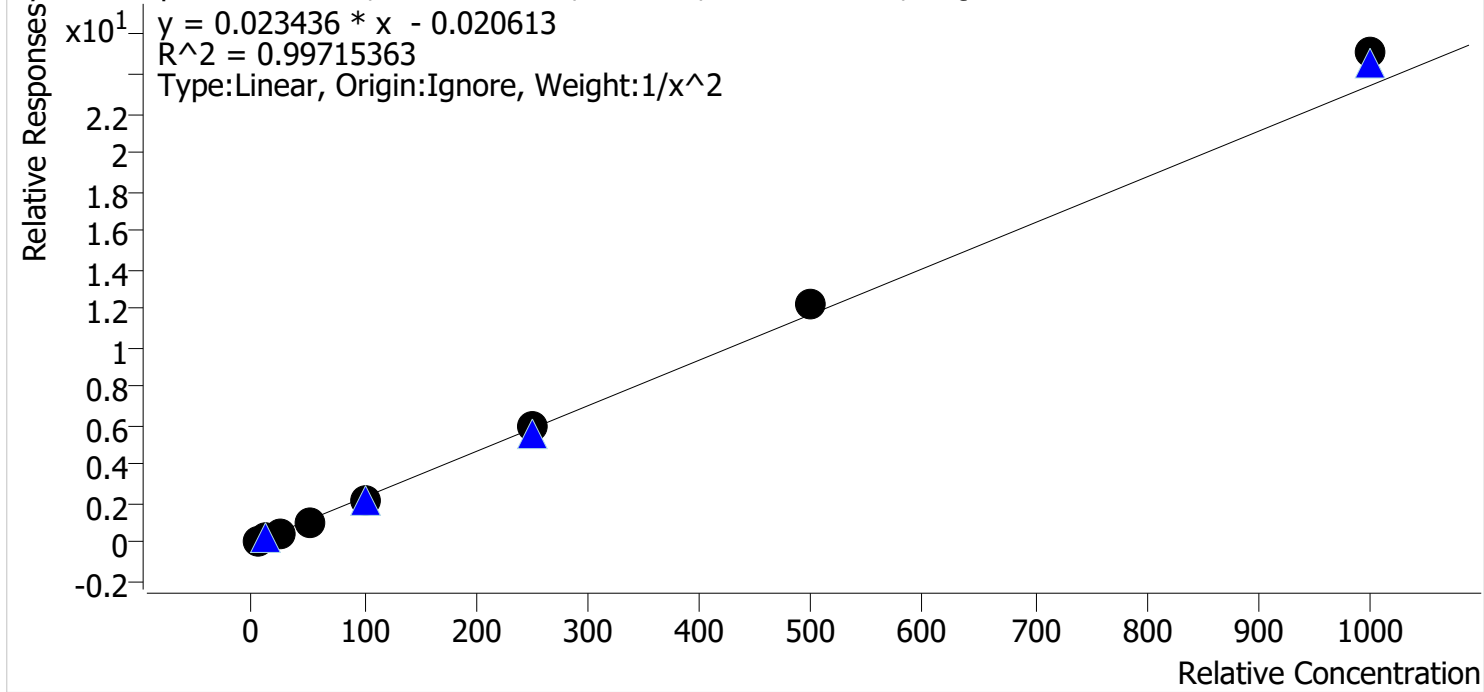
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.7	107.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.8
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	467.1	93.4
p1 Cal 8-1000ng	8	✓	1000.0	839.3	83.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

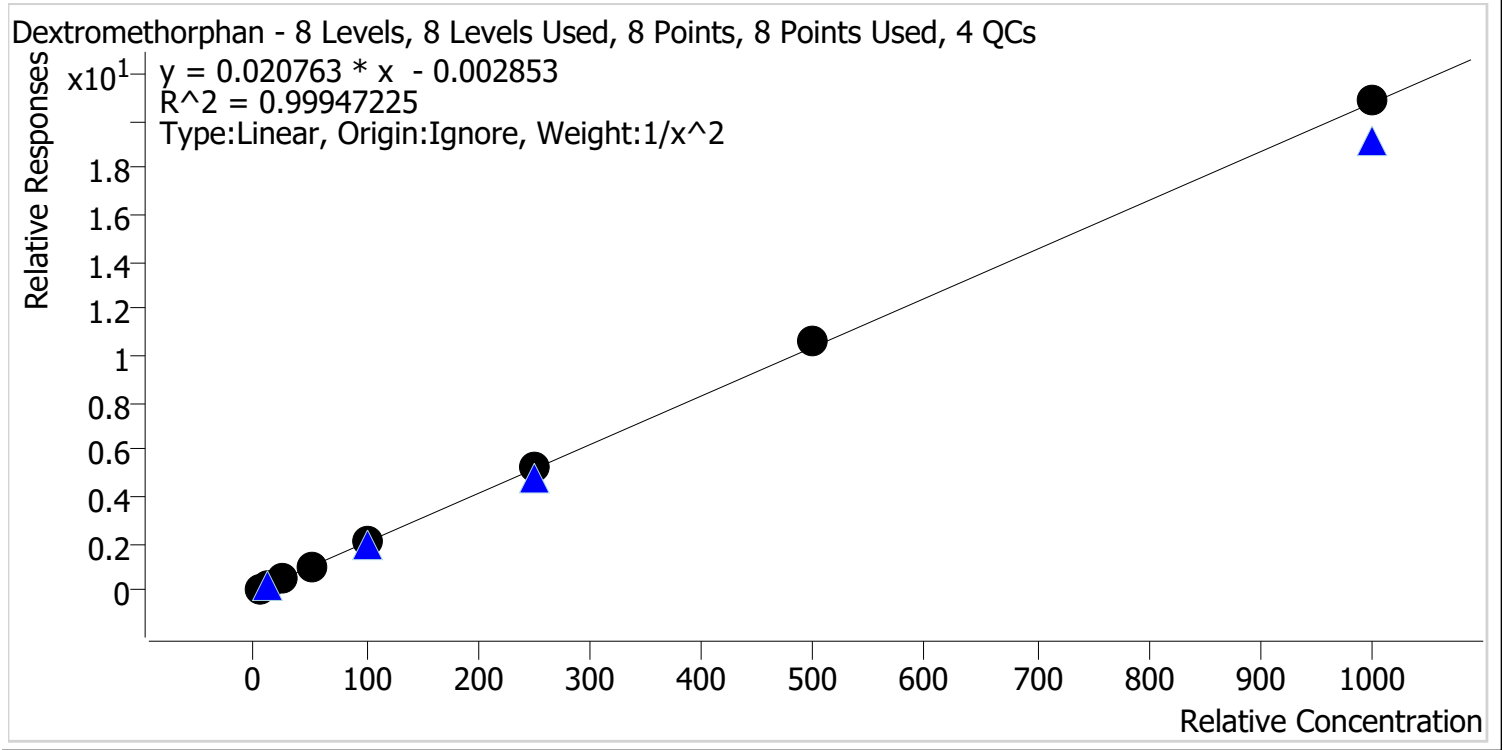


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.2
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1072.0	107.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

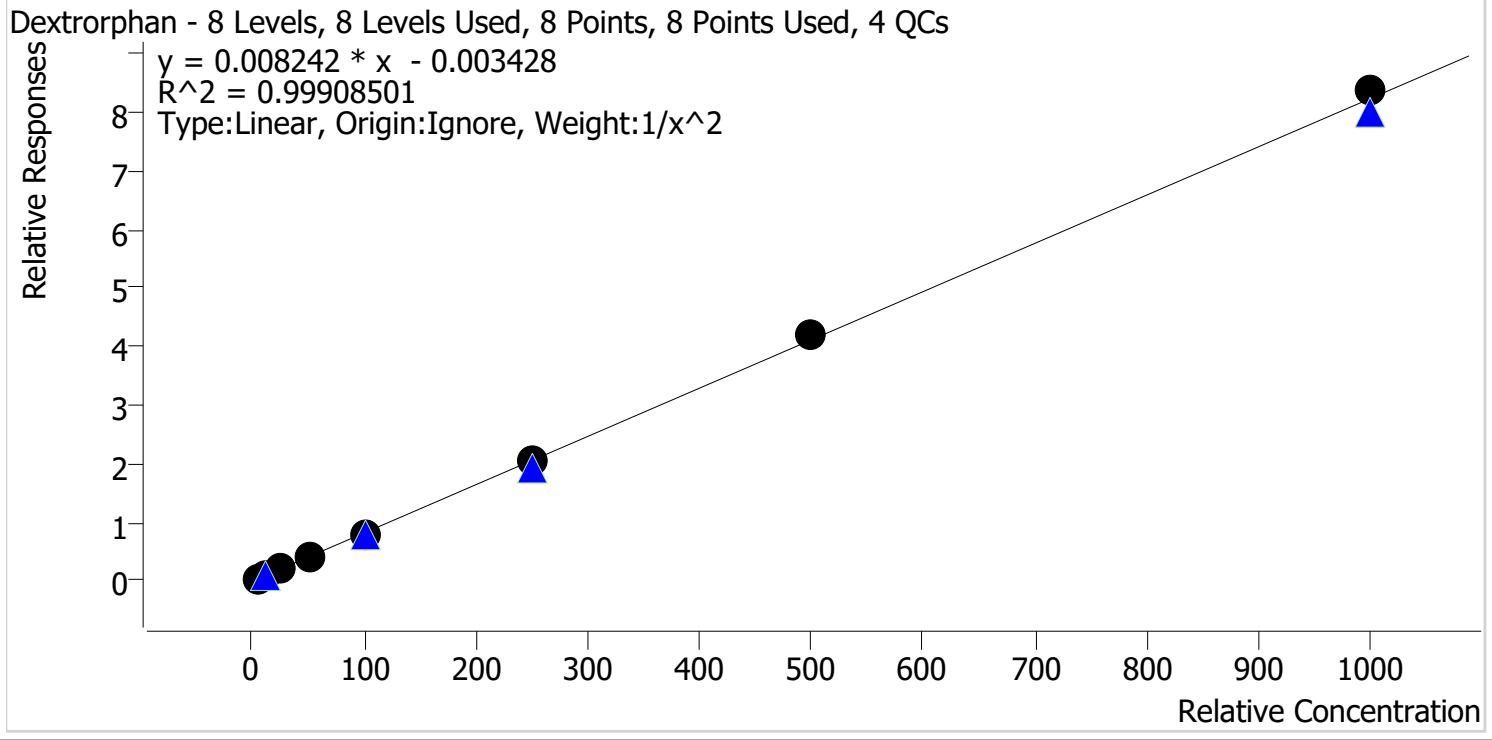


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	512.3	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1004.8	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

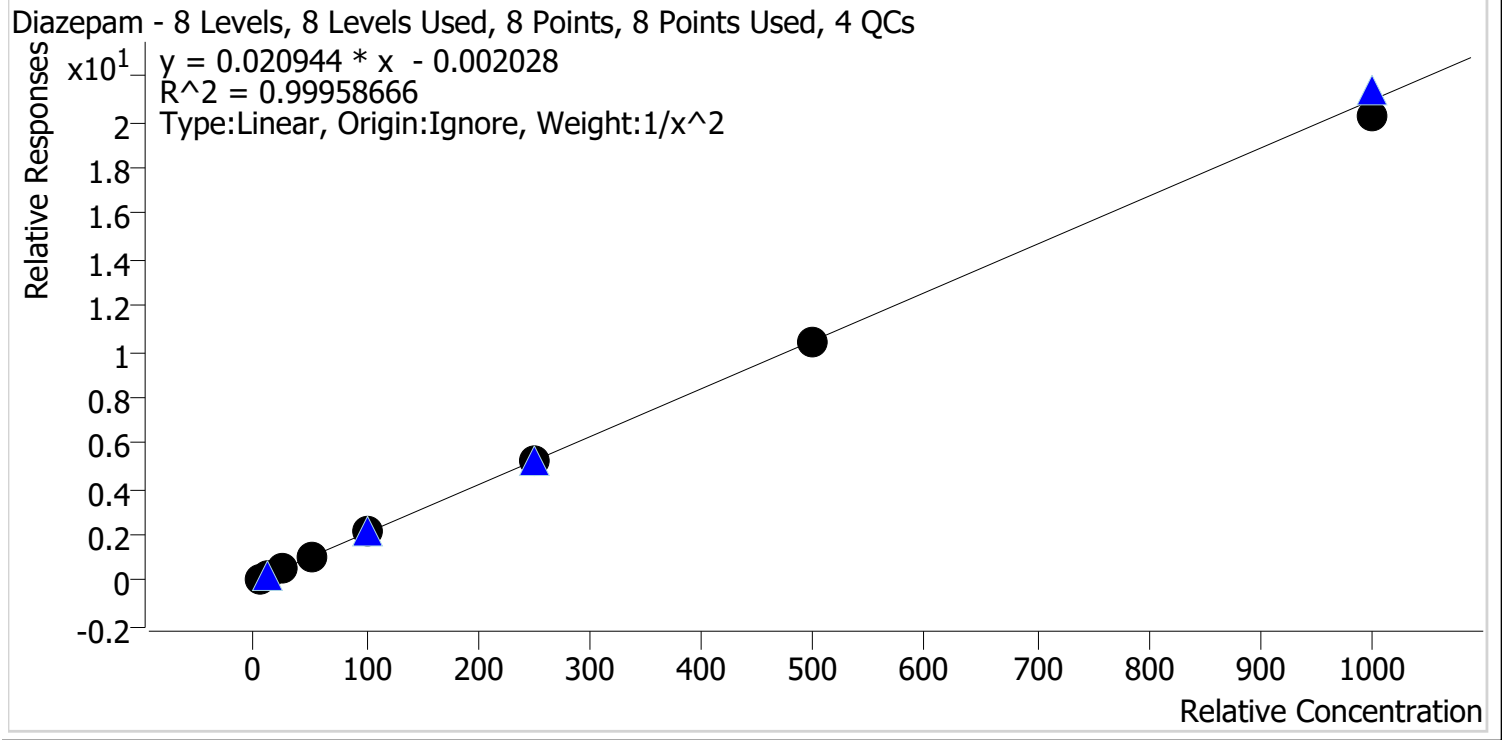


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	510.9	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1016.6	101.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

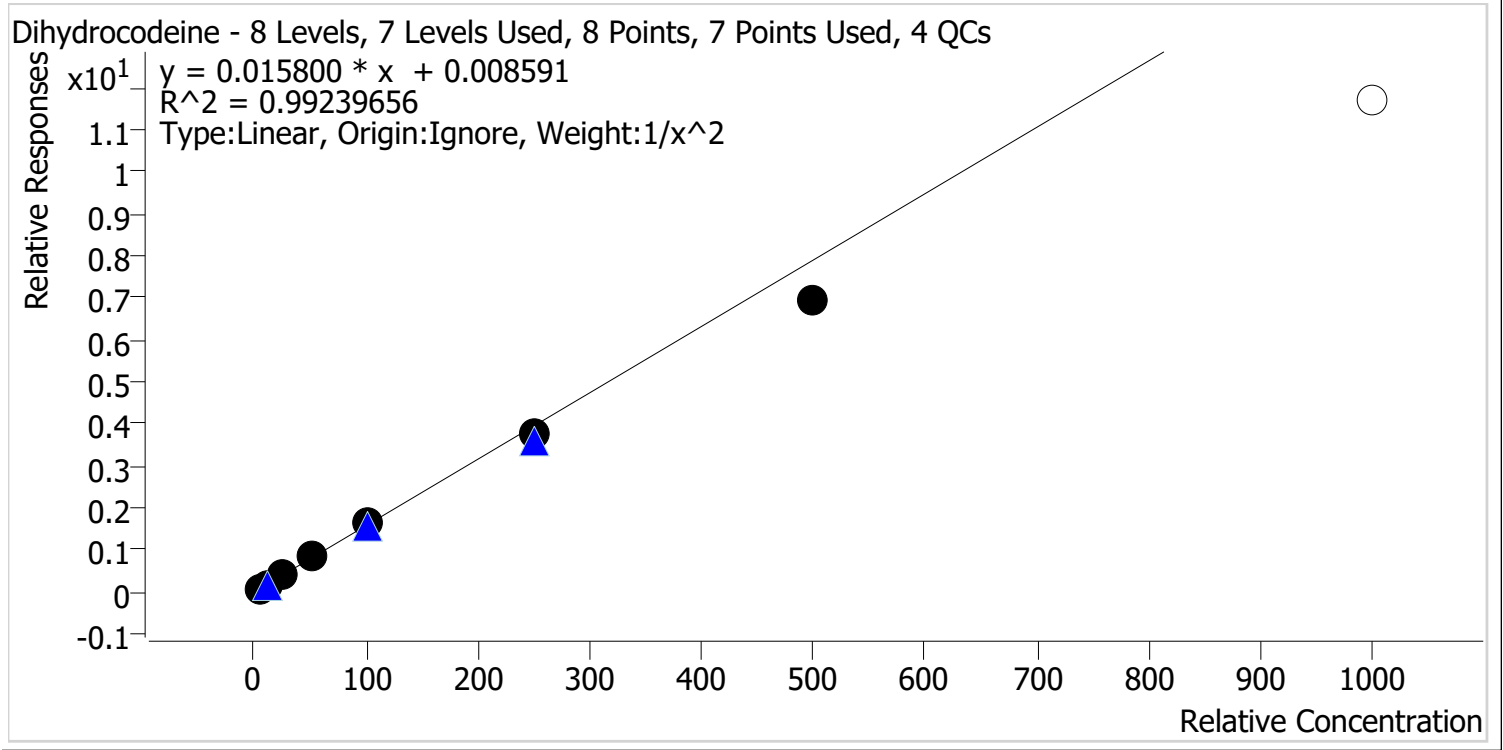


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
p1 Cal 8-1000ng	8	✓	1000.0	965.7	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



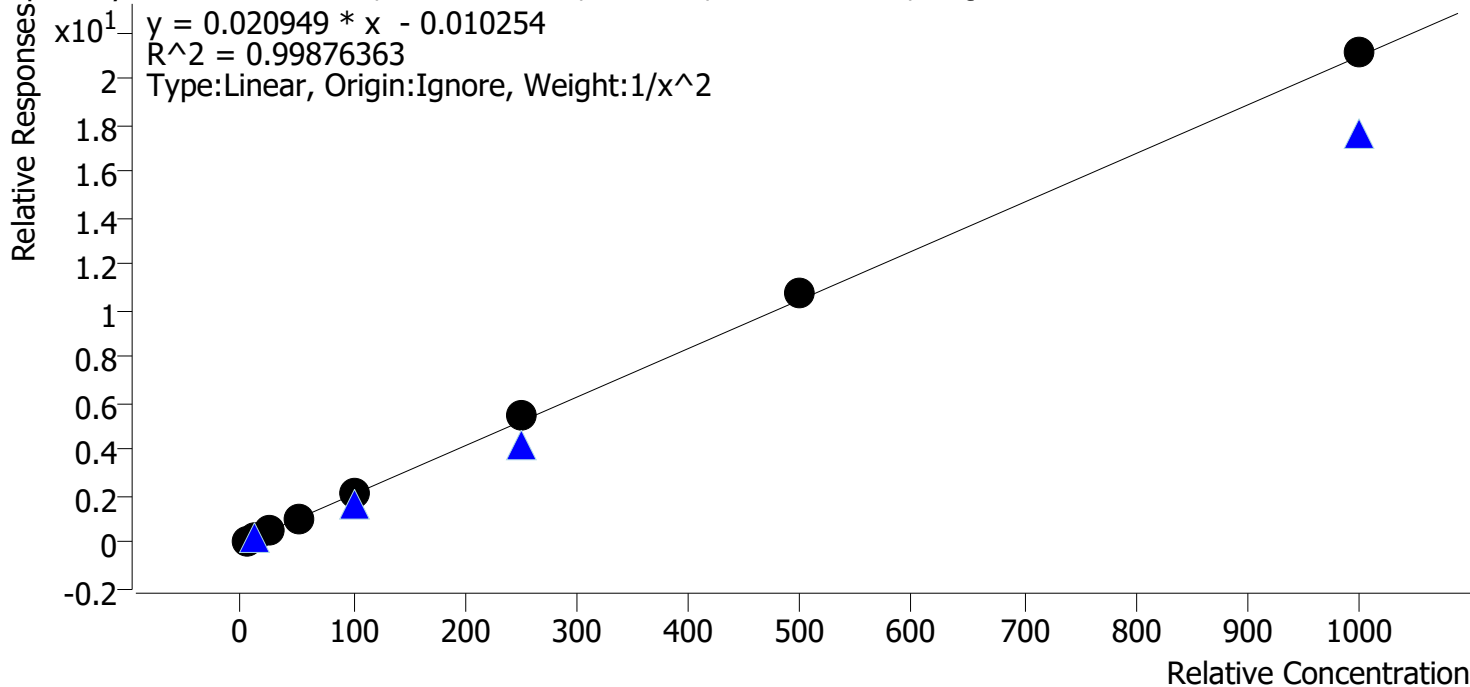
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	236.7	94.7
p1 Cal 7-500ng	7	✓	500.0	437.2	87.4
p1 Cal 8-1000ng	8	✗	1000.0	740.2	74.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

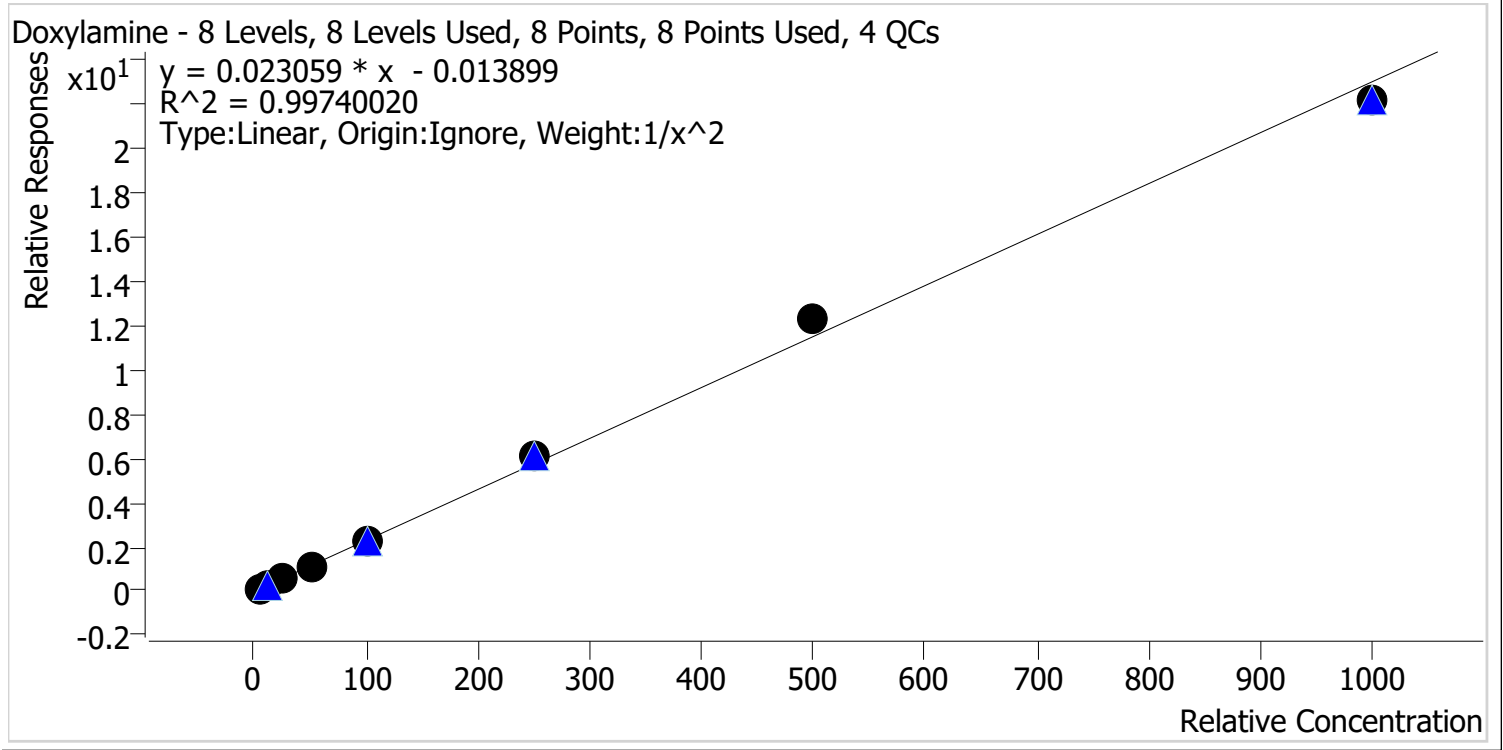


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.6
p1 Cal 4-50ng	4	✓	50.0	49.1	98.3
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	258.9	103.6
p1 Cal 7-500ng	7	✓	500.0	514.5	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.7	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



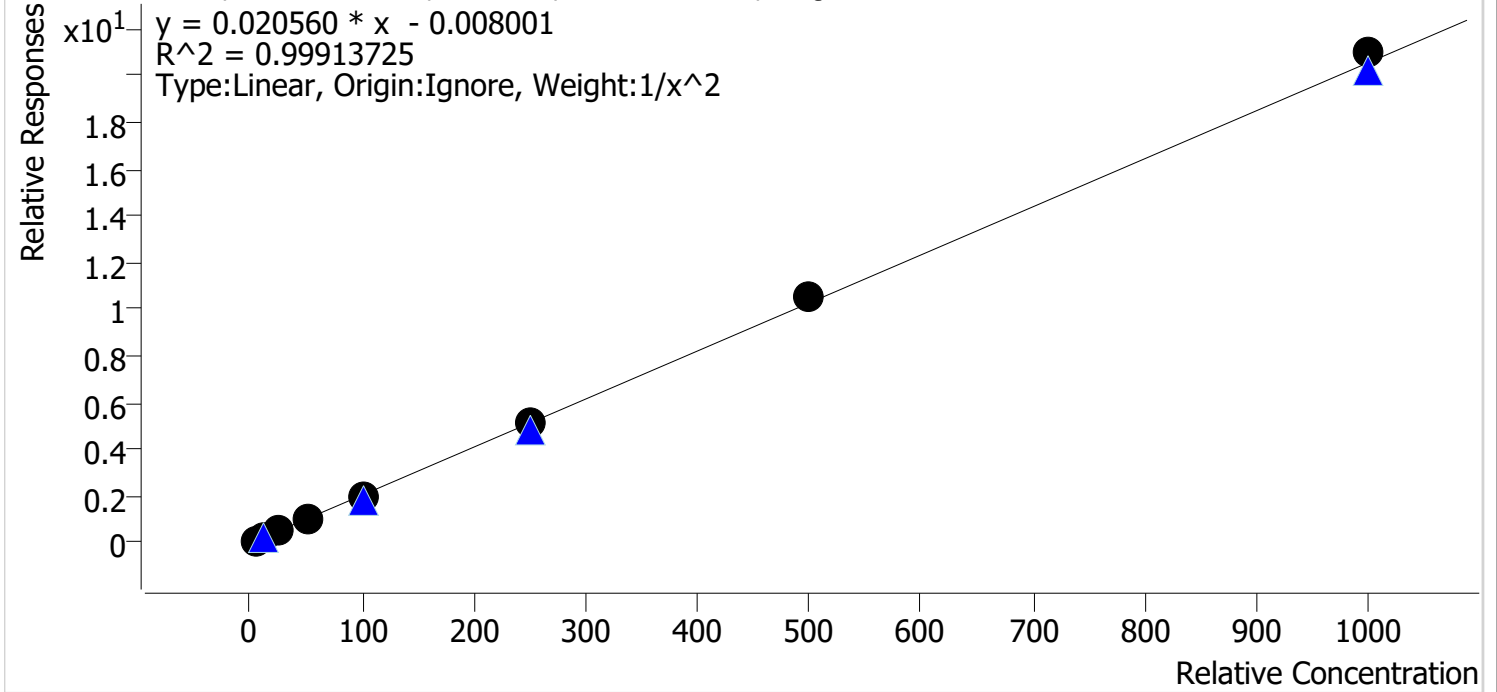
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	264.7	105.9
p1 Cal 7-500ng	7	✓	500.0	534.1	106.8
p1 Cal 8-1000ng	8	✓	1000.0	960.9	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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

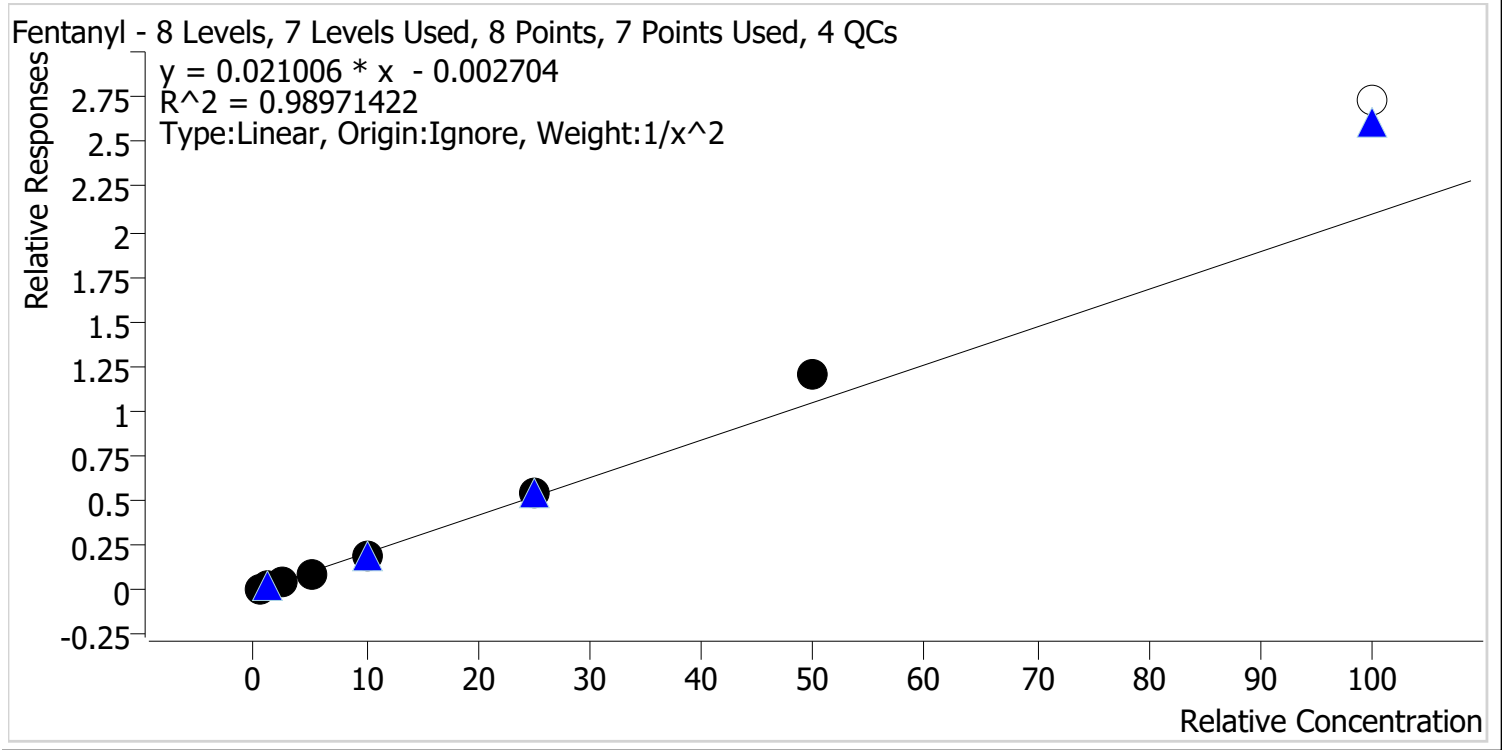


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.4	101.3
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1021.0	102.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

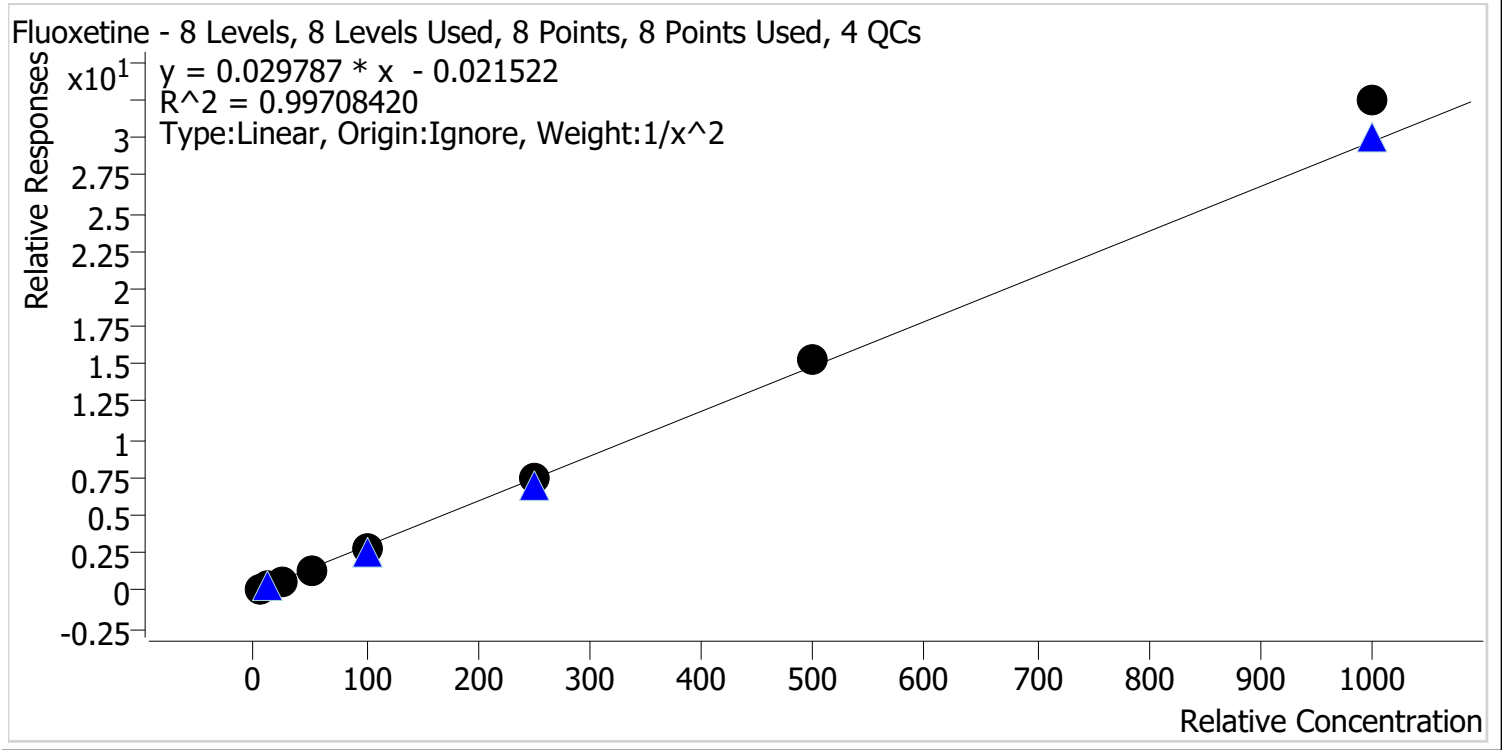


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.5
p1 Cal 2-10ng	2	✓	1.0	0.9	92.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.4
p1 Cal 4-50ng	4	✓	5.0	4.8	95.0
p1 Cal 5-100ng	5	✓	10.0	9.3	93.1
p1 Cal 6-250ng	6	✓	25.0	26.0	104.1
p1 Cal 7-500ng	7	✓	50.0	57.7	115.5
p1 Cal 8-1000ng	8	✗	100.0	130.1	130.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

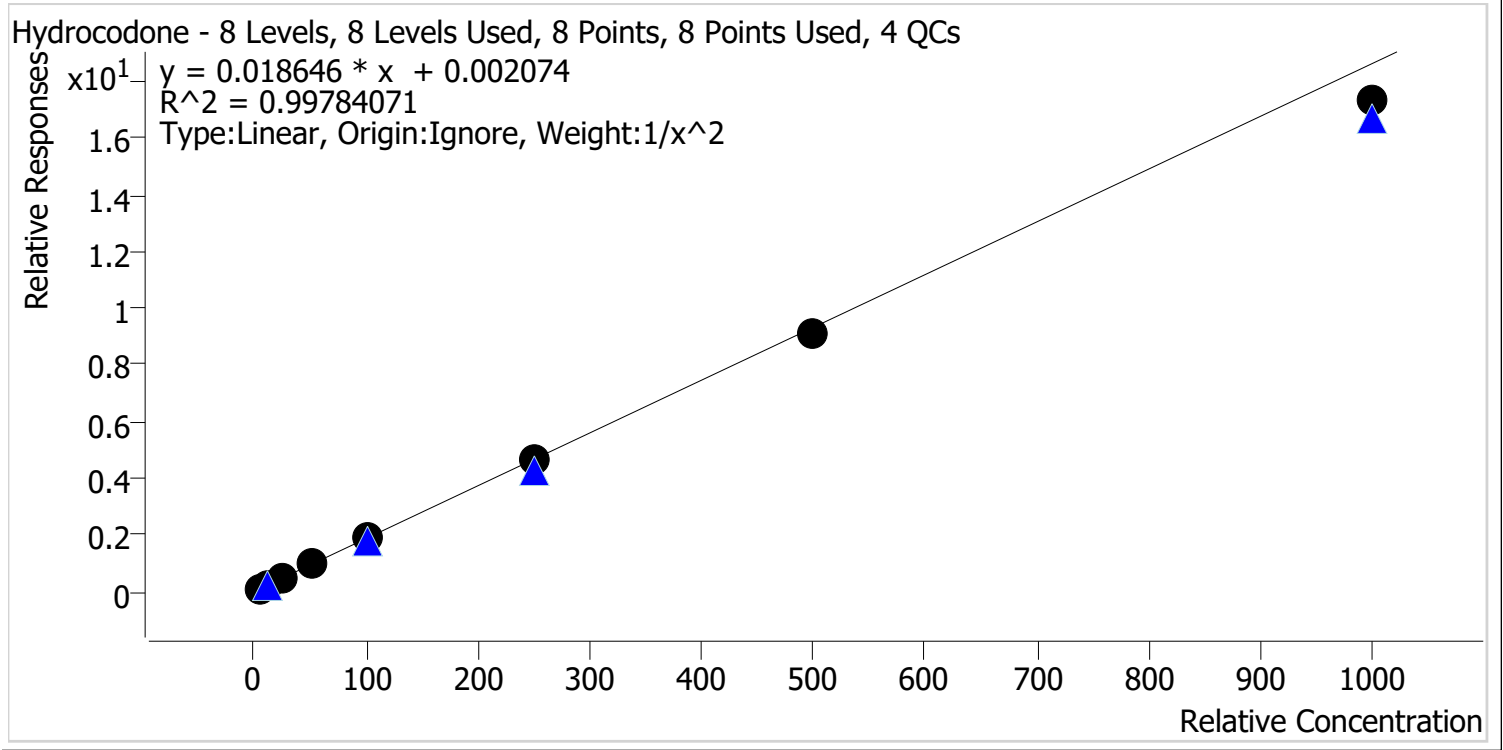


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1091.2	109.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

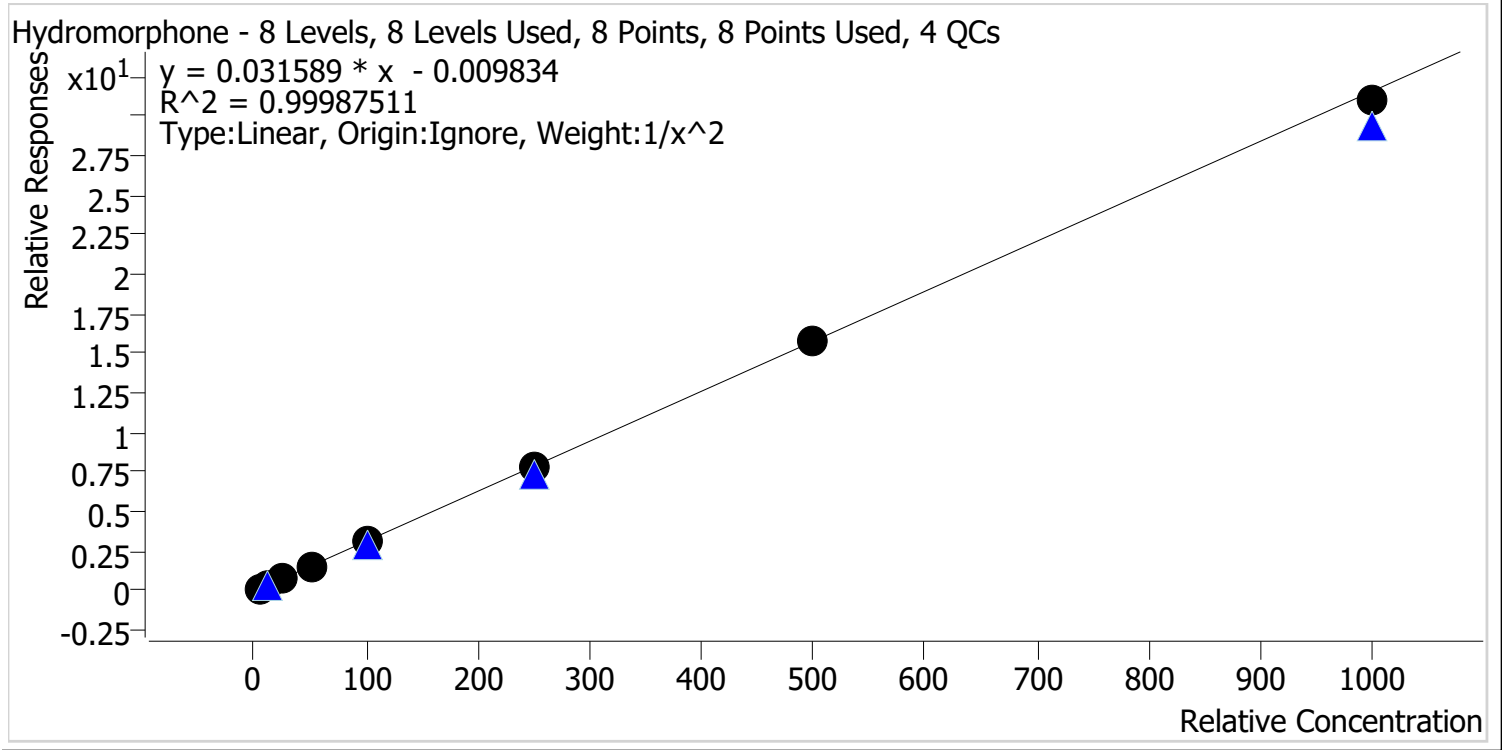


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	491.5	98.3
p1 Cal 8-1000ng	8	✓	1000.0	929.8	93.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

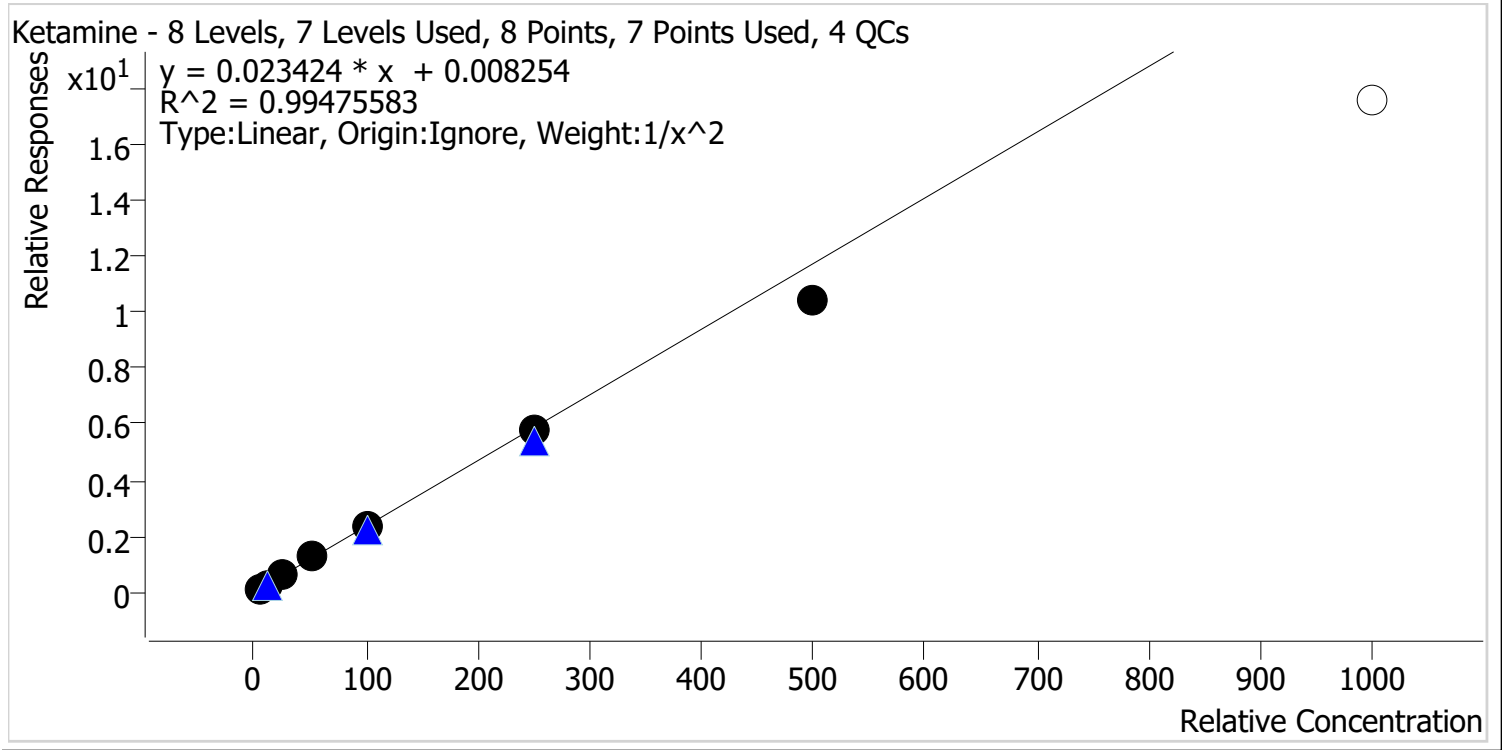


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	981.4	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

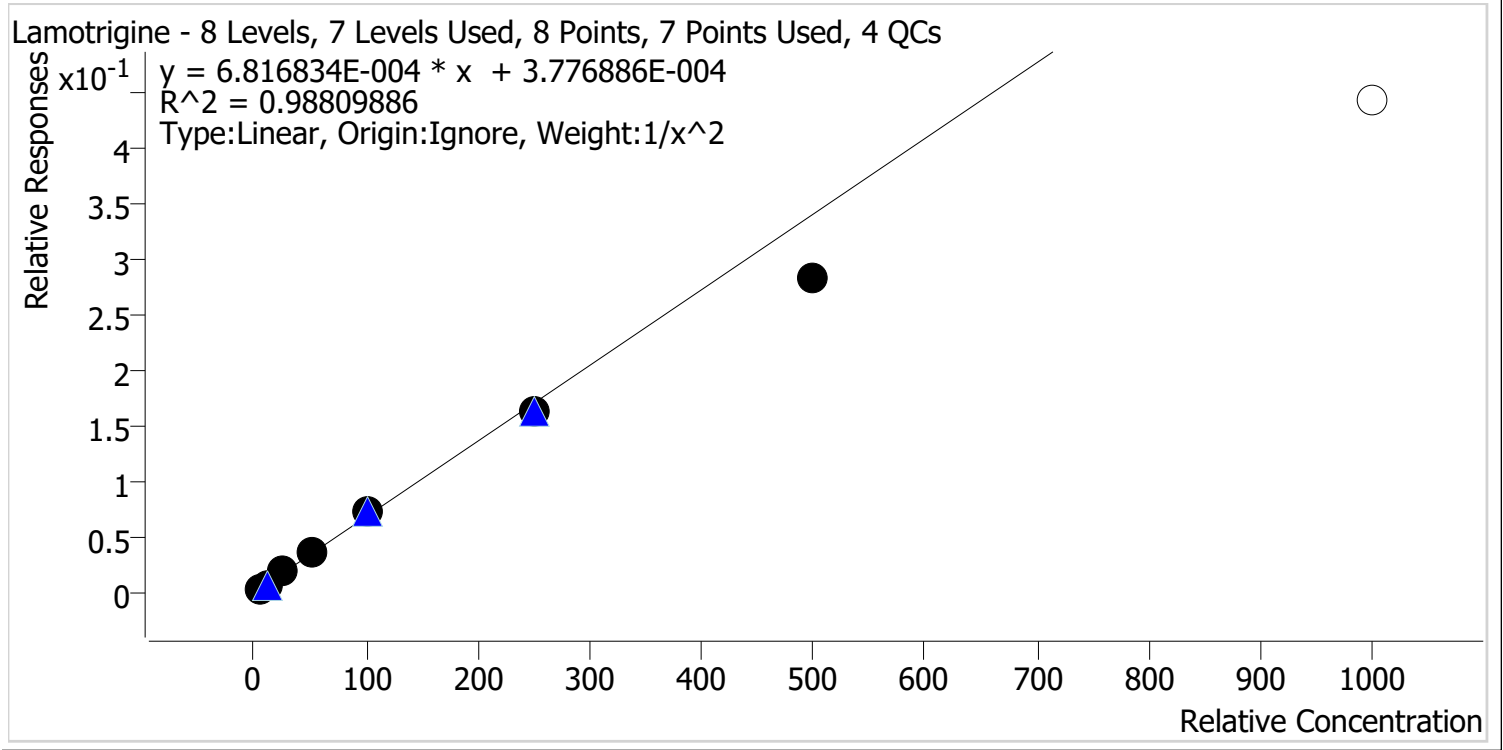


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	441.5	88.3
p1 Cal 8-1000ng	8	✗	1000.0	748.1	74.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

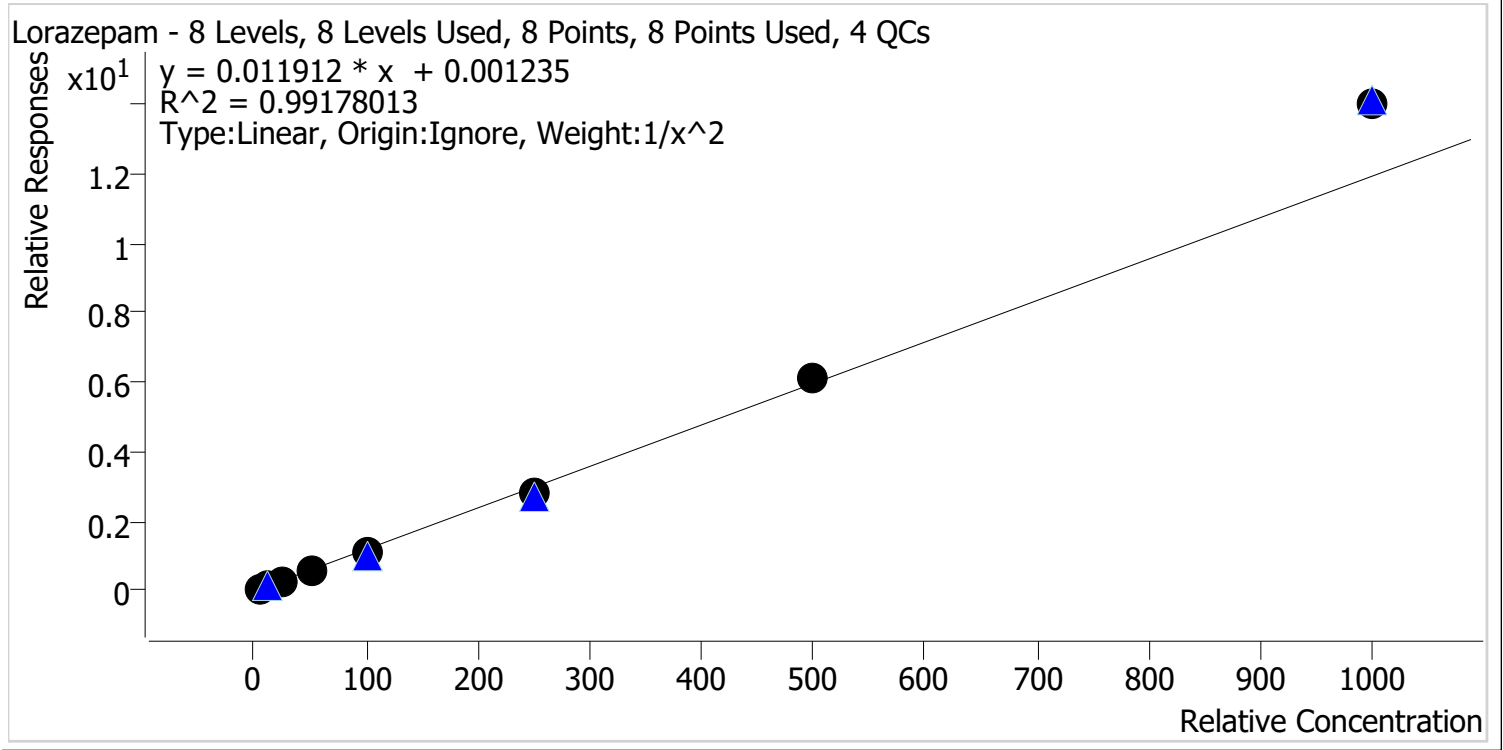


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.1
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	108.3	108.3
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	414.7	82.9
p1 Cal 8-1000ng	8	✗	1000.0	650.0	65.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

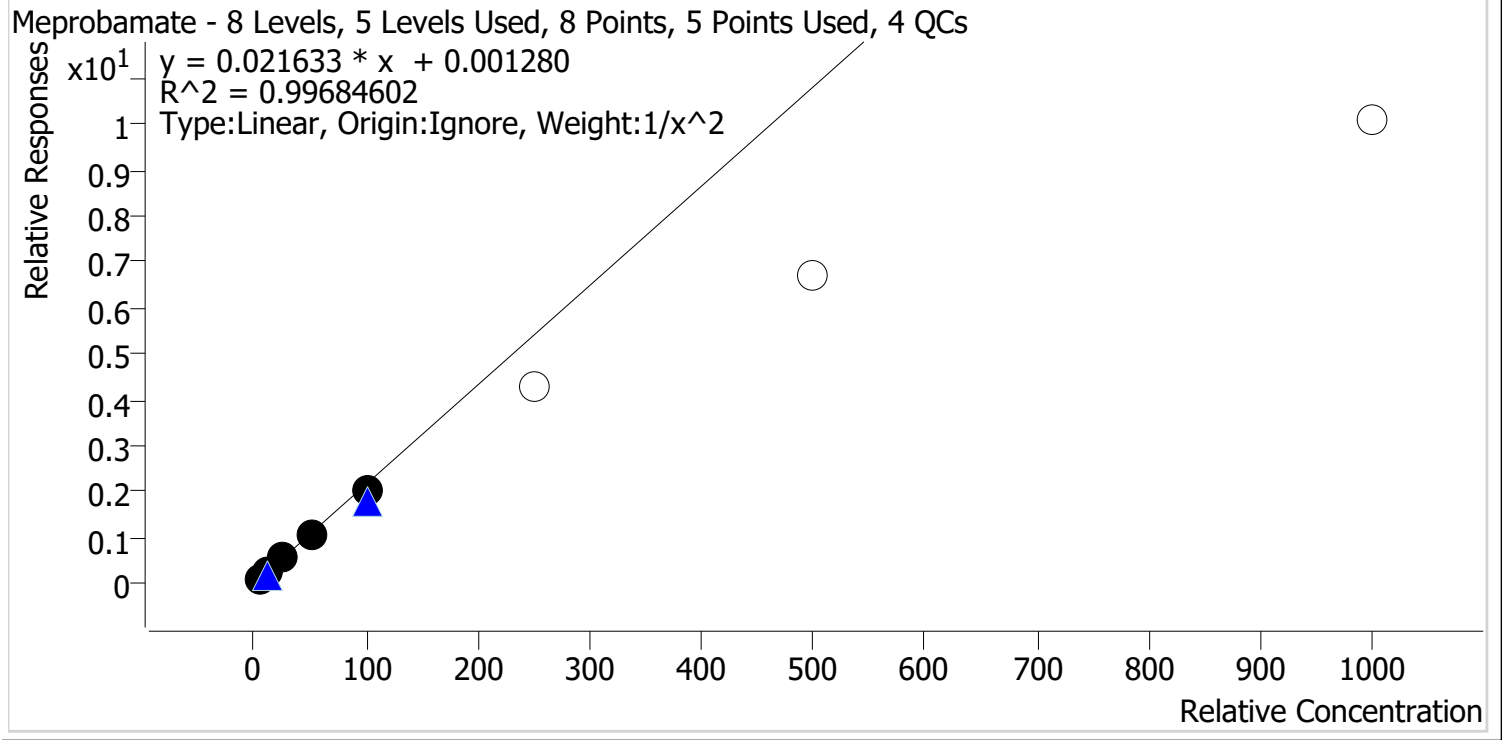


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	231.8	92.7
p1 Cal 7-500ng	7	✓	500.0	515.0	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1170.4	117.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



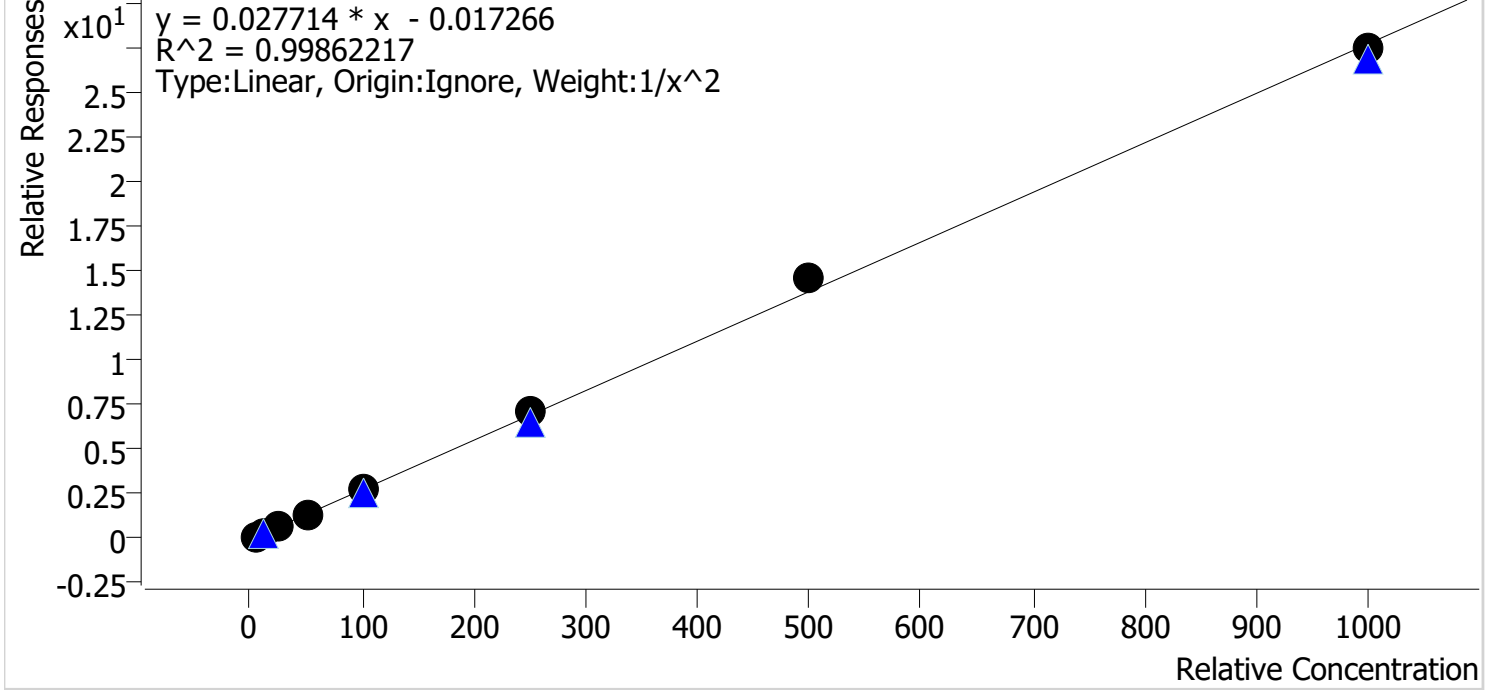
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	94.6	94.6
p1 Cal 6-250ng	6	✗	250.0	197.1	78.8
p1 Cal 7-500ng	7	✗	500.0	311.7	62.3
p1 Cal 8-1000ng	8	✗	1000.0	466.5	46.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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

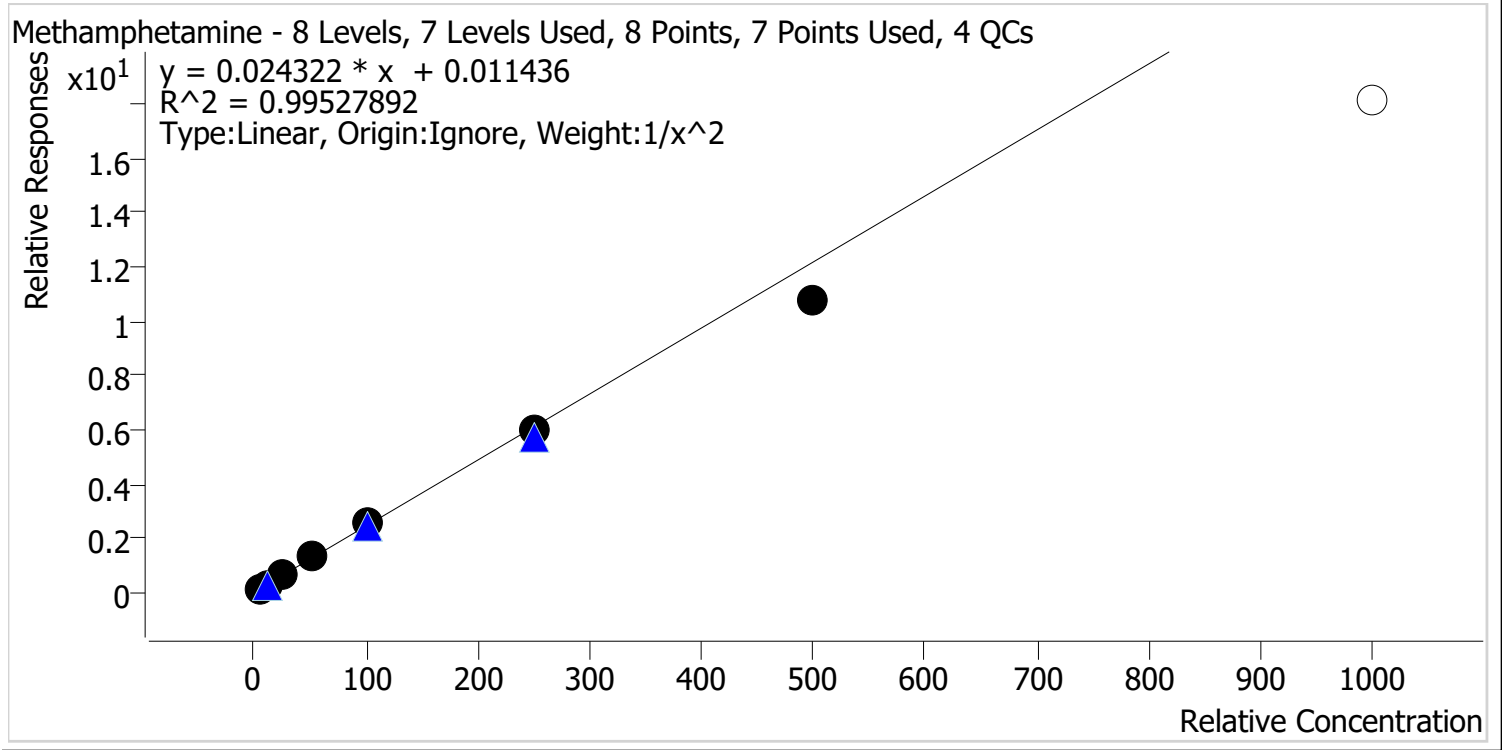


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	530.2	106.0
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

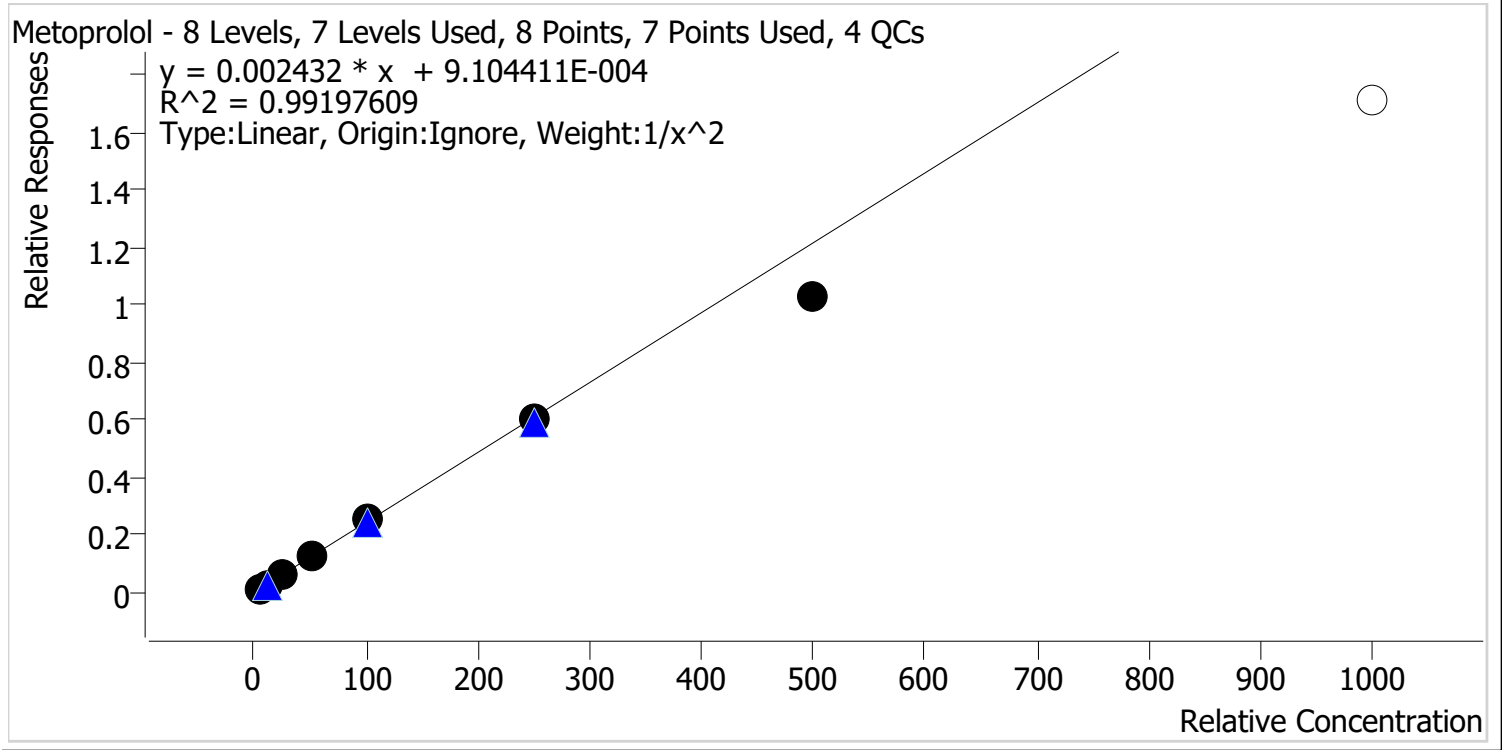


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	442.8	88.6
p1 Cal 8-1000ng	8	✗	1000.0	744.5	74.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

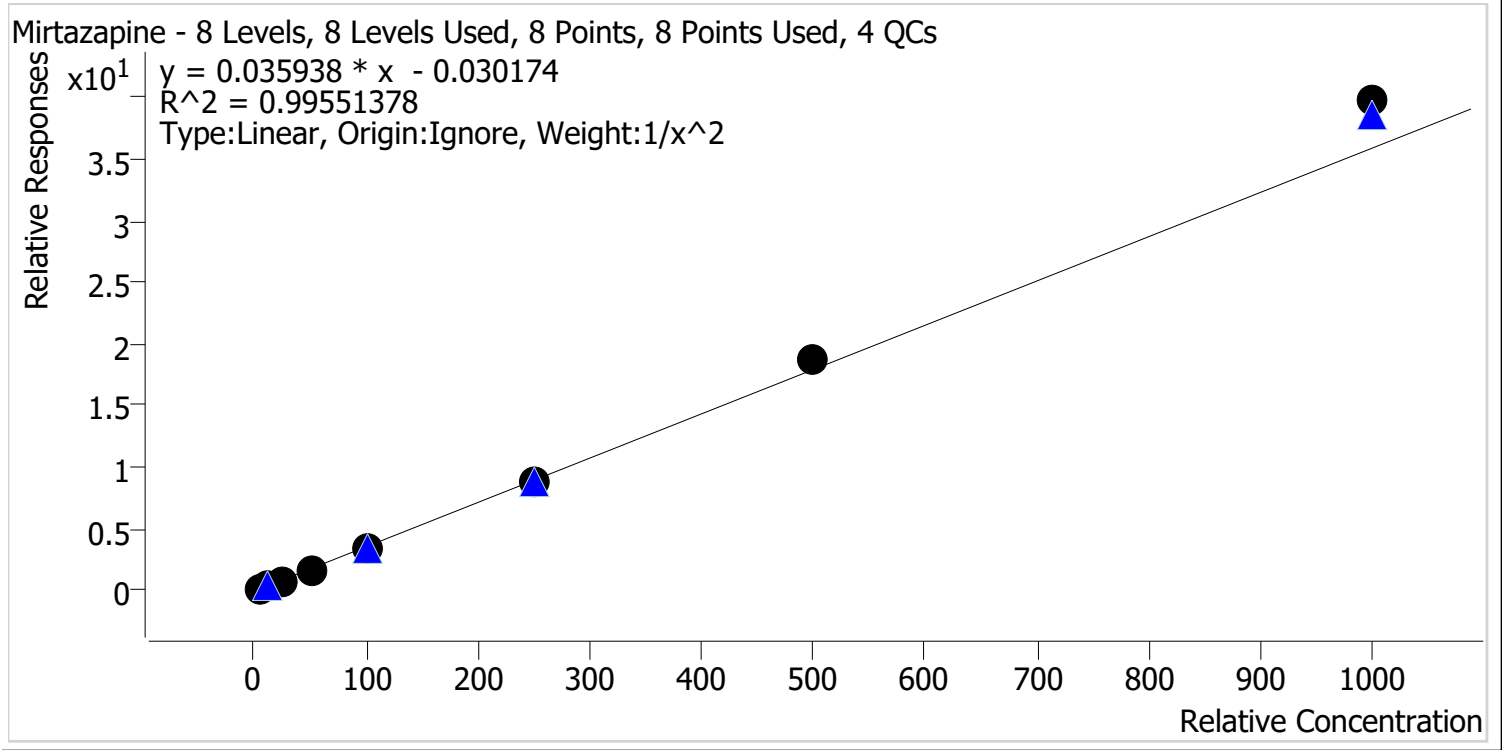


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	245.9	98.3
p1 Cal 7-500ng	7	✓	500.0	425.5	85.1
p1 Cal 8-1000ng	8	✗	1000.0	703.5	70.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

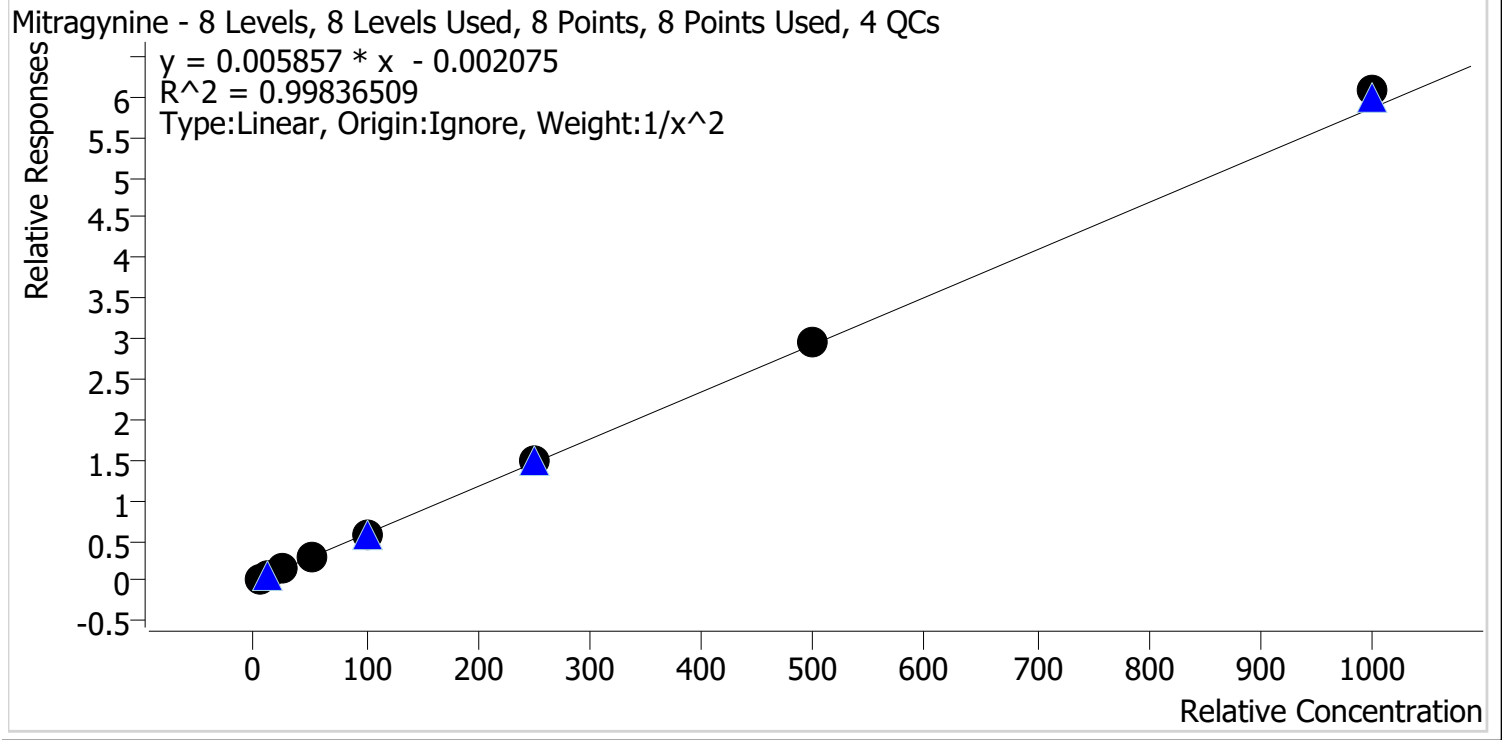


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	525.7	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1107.3	110.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

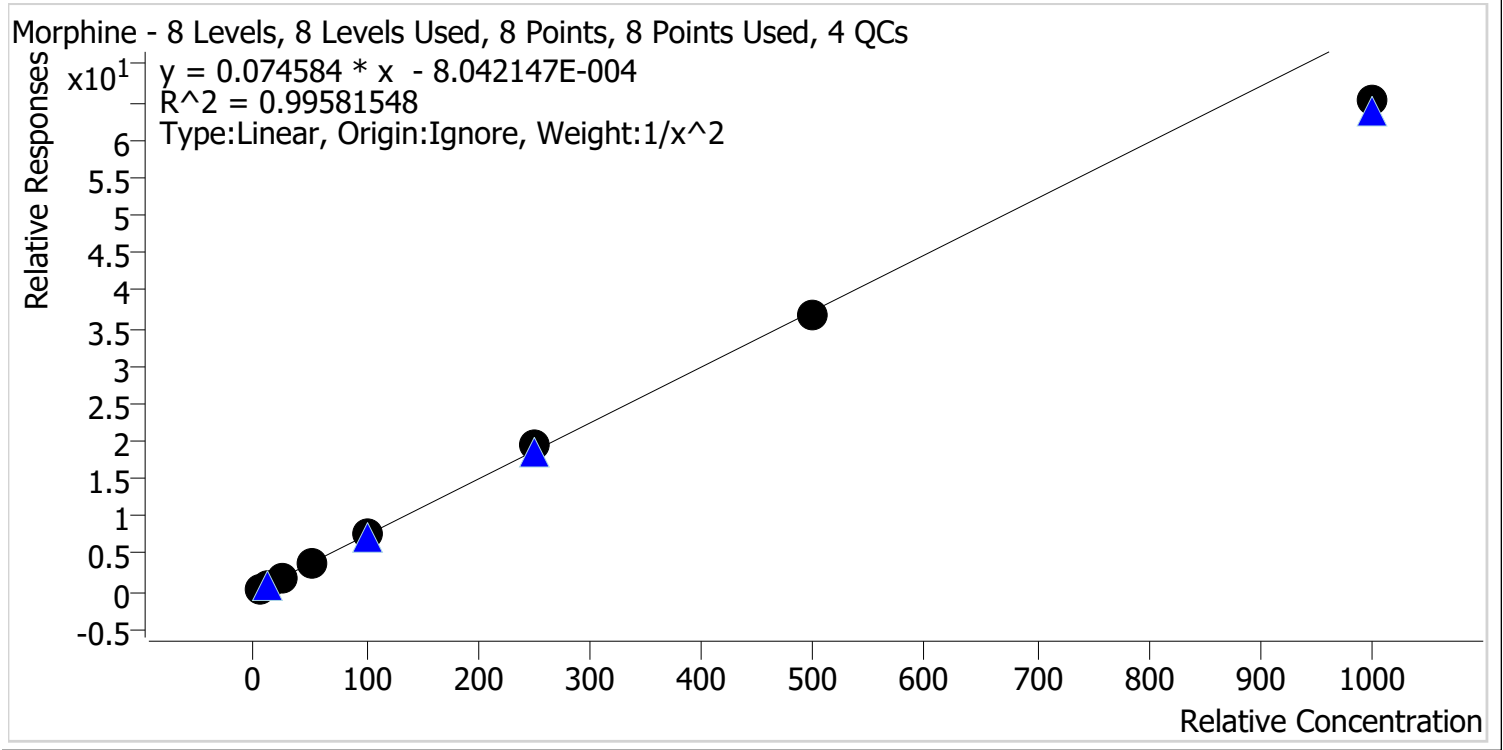


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	94.6	94.6
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1036.8	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

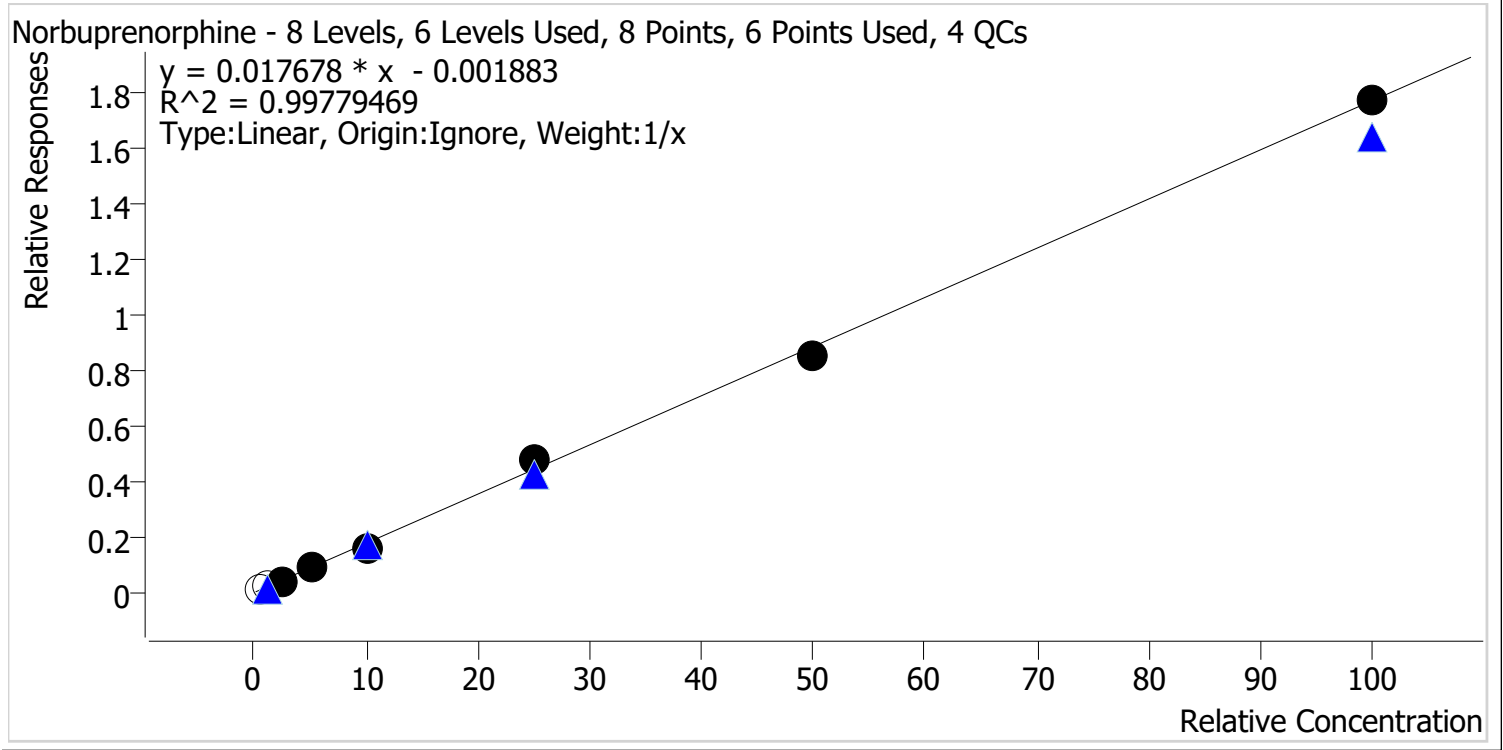


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	874.6	87.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

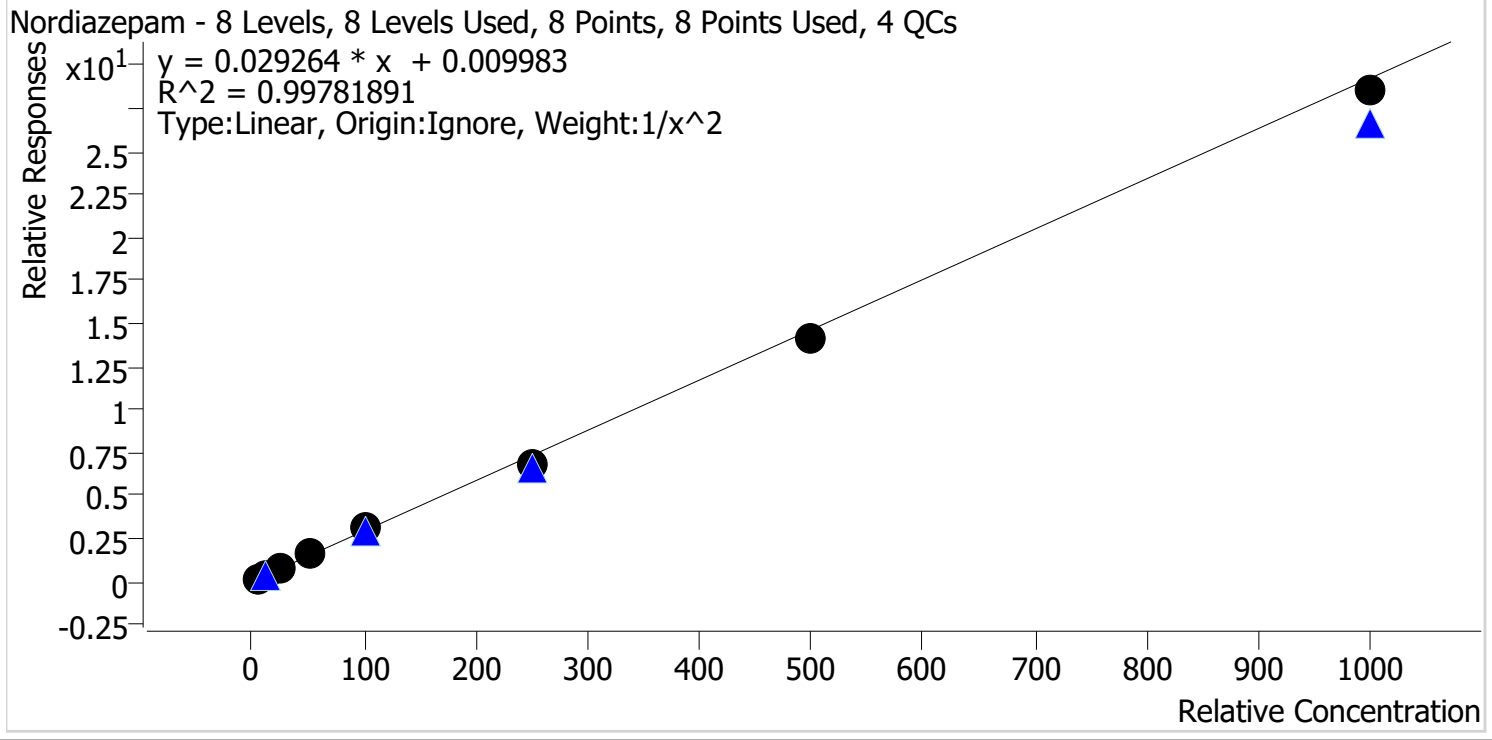


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	149.8
p1 Cal 2-10ng	2	x	1.0	1.4	140.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.9
p1 Cal 4-50ng	4	✓	5.0	5.2	103.9
p1 Cal 5-100ng	5	✓	10.0	9.1	91.5
p1 Cal 6-250ng	6	✓	25.0	27.2	108.8
p1 Cal 7-500ng	7	✓	50.0	48.5	96.9
p1 Cal 8-1000ng	8	✓	100.0	100.0	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

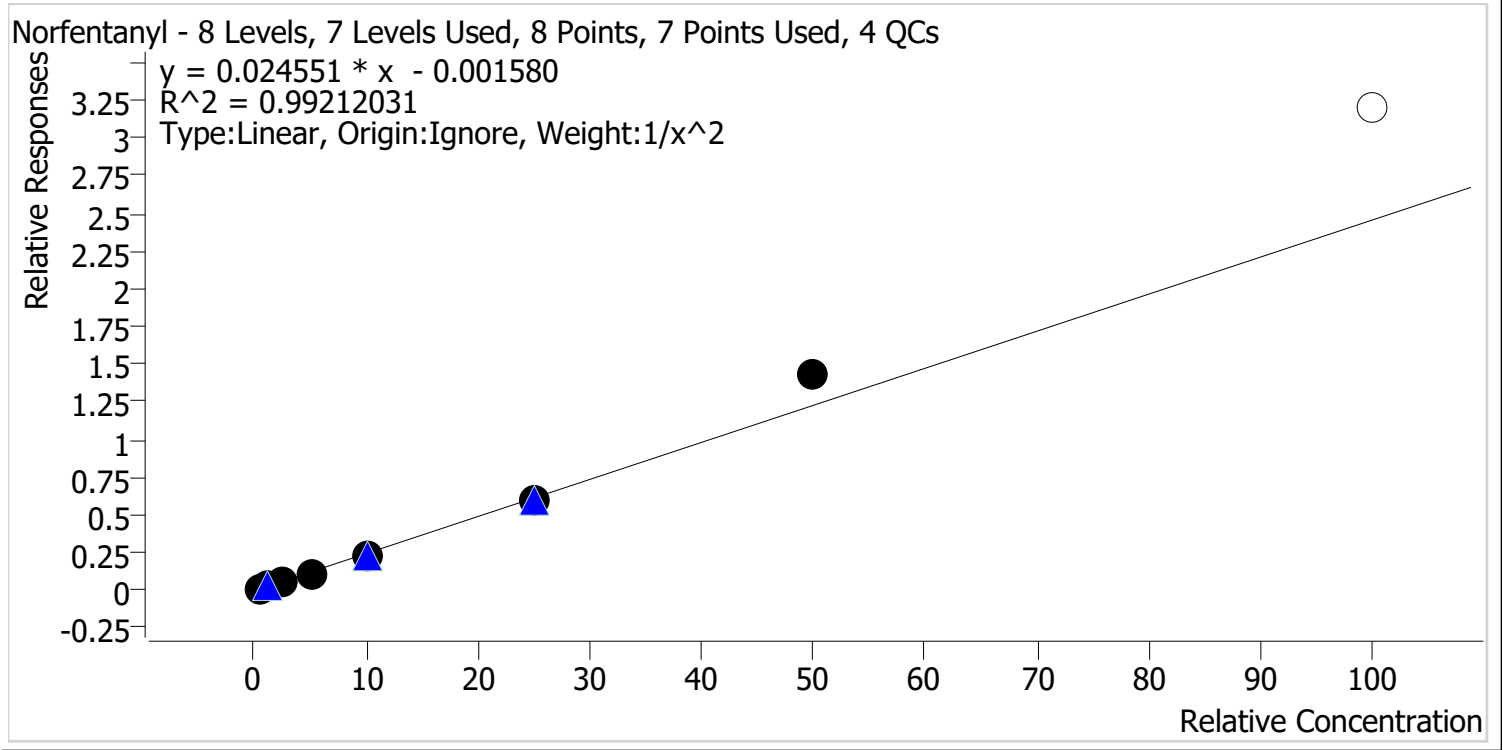


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	234.3	93.7
p1 Cal 7-500ng	7	✓	500.0	483.3	96.7
p1 Cal 8-1000ng	8	✓	1000.0	975.5	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

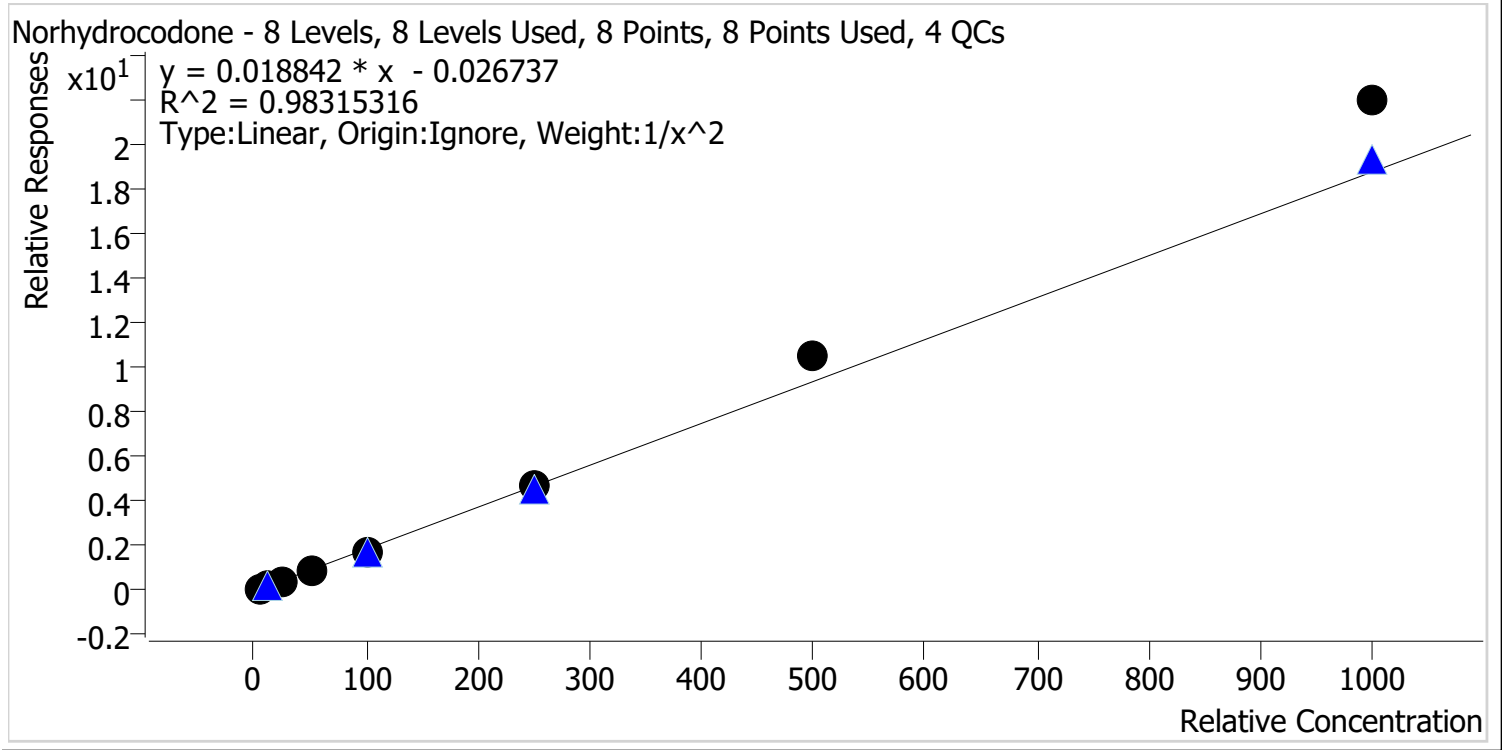


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng	2	✓	1.0	1.0	96.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.4
p1 Cal 4-50ng	4	✓	5.0	4.8	95.8
p1 Cal 5-100ng	5	✓	10.0	9.4	94.0
p1 Cal 6-250ng	6	✓	25.0	24.5	98.1
p1 Cal 7-500ng	7	✓	50.0	57.9	115.9
p1 Cal 8-1000ng	8	✗	100.0	130.5	130.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

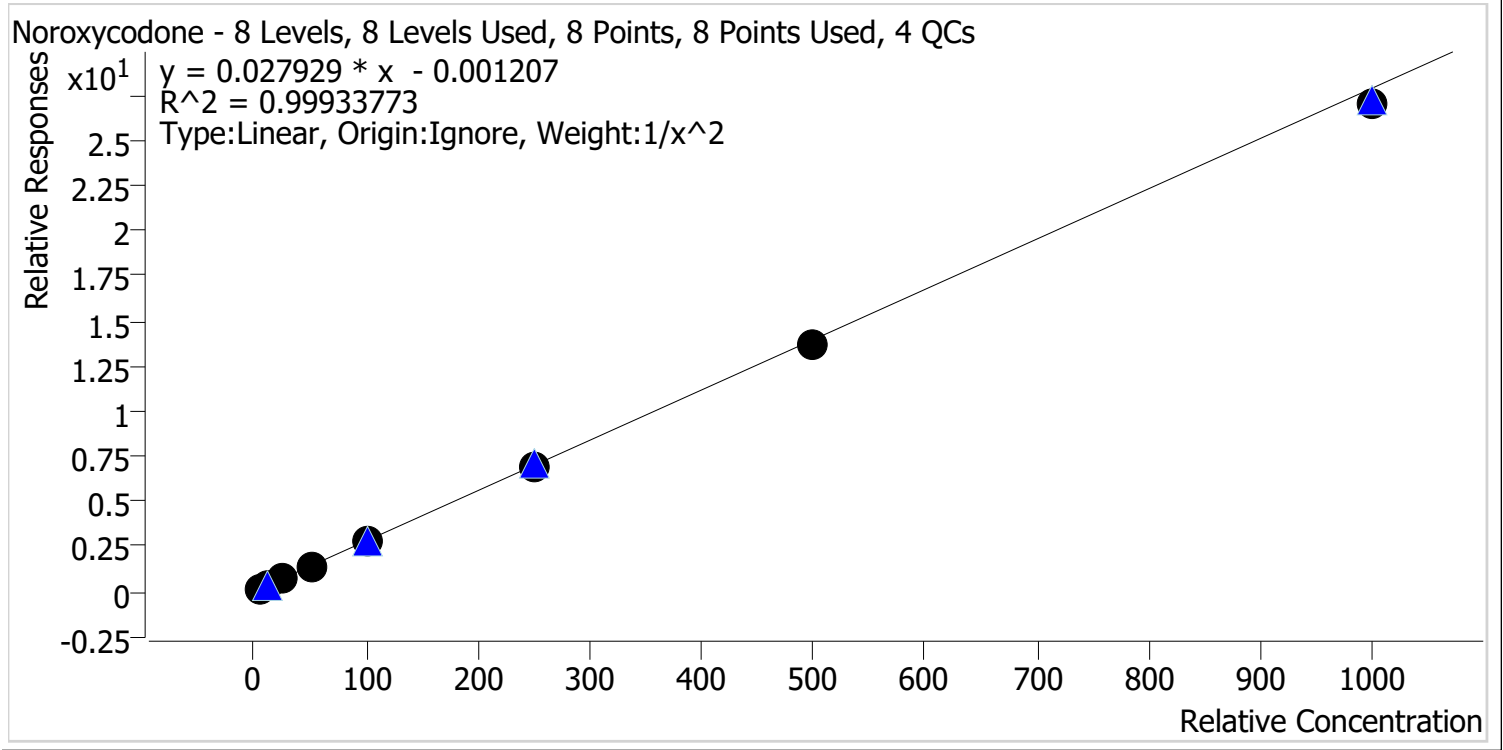


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.7
p1 Cal 2-10ng	2	✓	10.0	9.0	89.5
p1 Cal 3 -25ng	3	✓	25.0	21.8	87.4
p1 Cal 4-50ng	4	✓	50.0	45.7	91.5
p1 Cal 5-100ng	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	559.0	111.8
p1 Cal 8-1000ng	8	✓	1000.0	1170.3	117.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

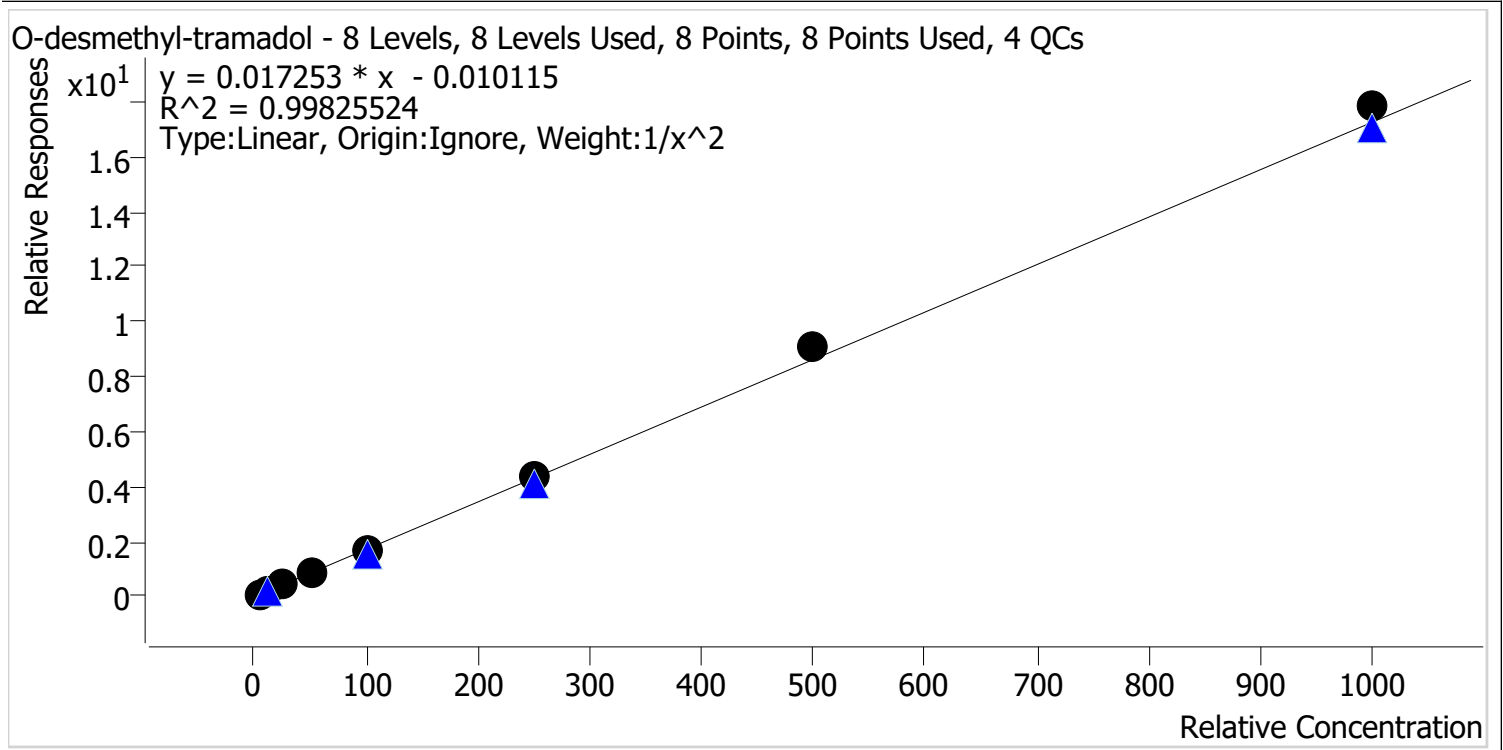


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	492.8	98.6
p1 Cal 8-1000ng	8	✓	1000.0	967.1	96.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

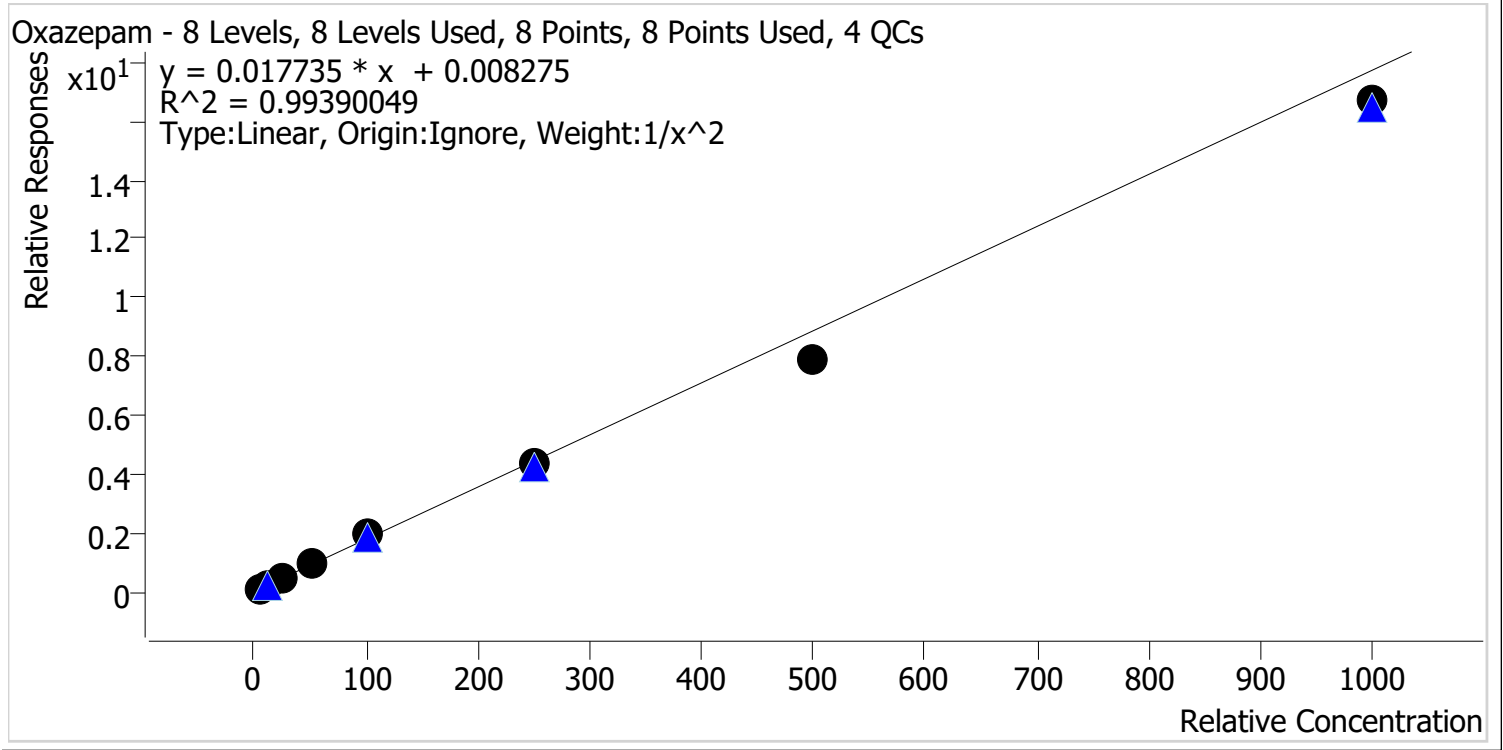


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	523.8	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1033.7	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

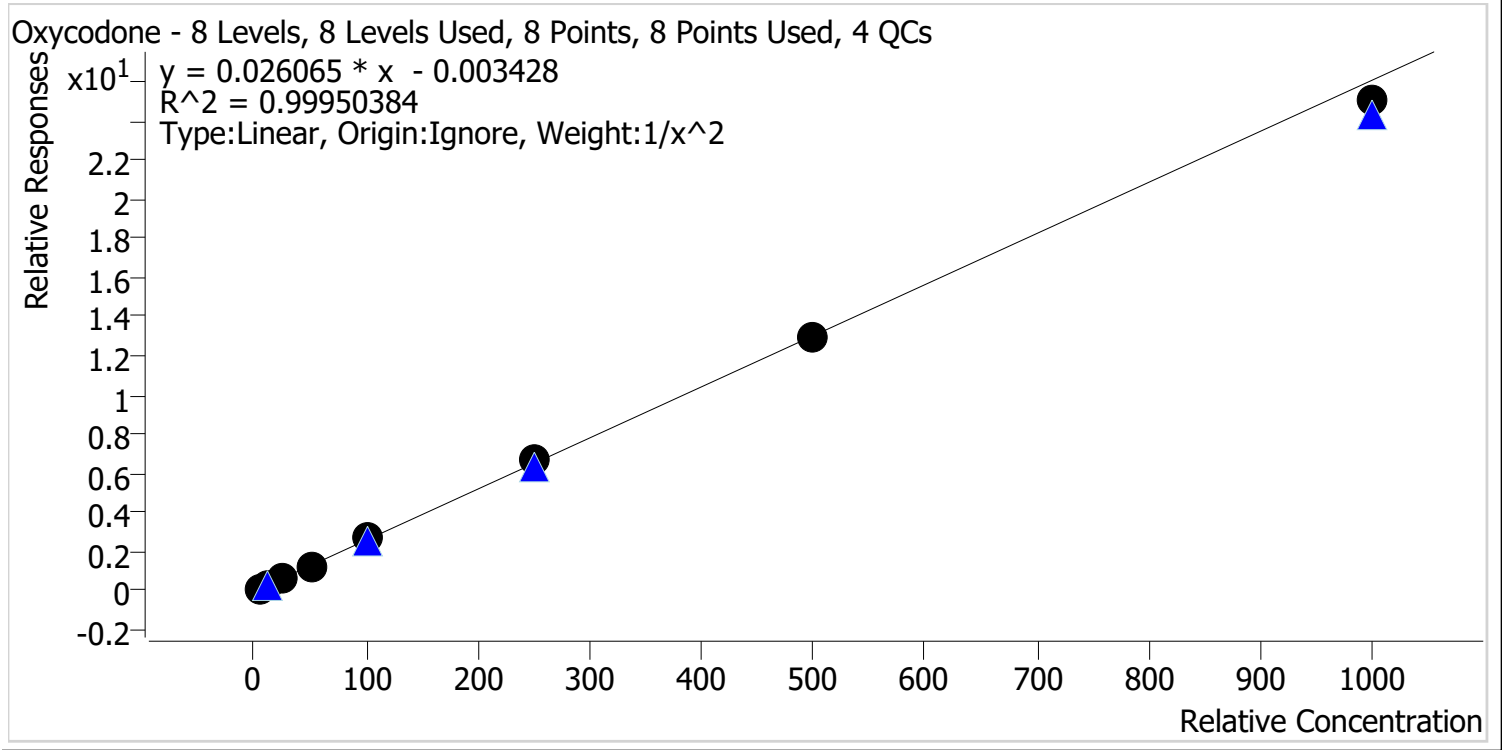


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	445.1	89.0
p1 Cal 8-1000ng	8	✓	1000.0	941.7	94.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

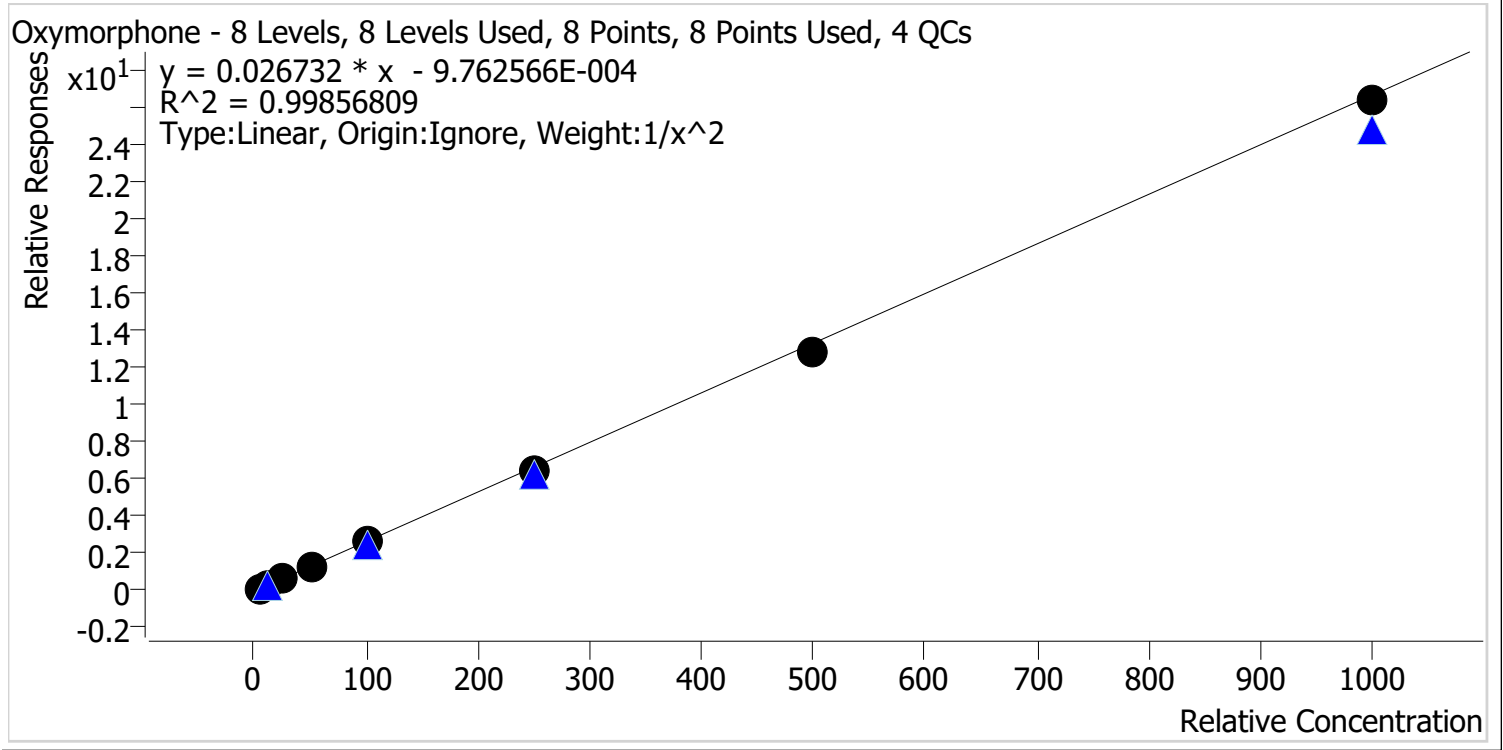


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	495.5	99.1
p1 Cal 8-1000ng	8	✓	1000.0	960.1	96.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

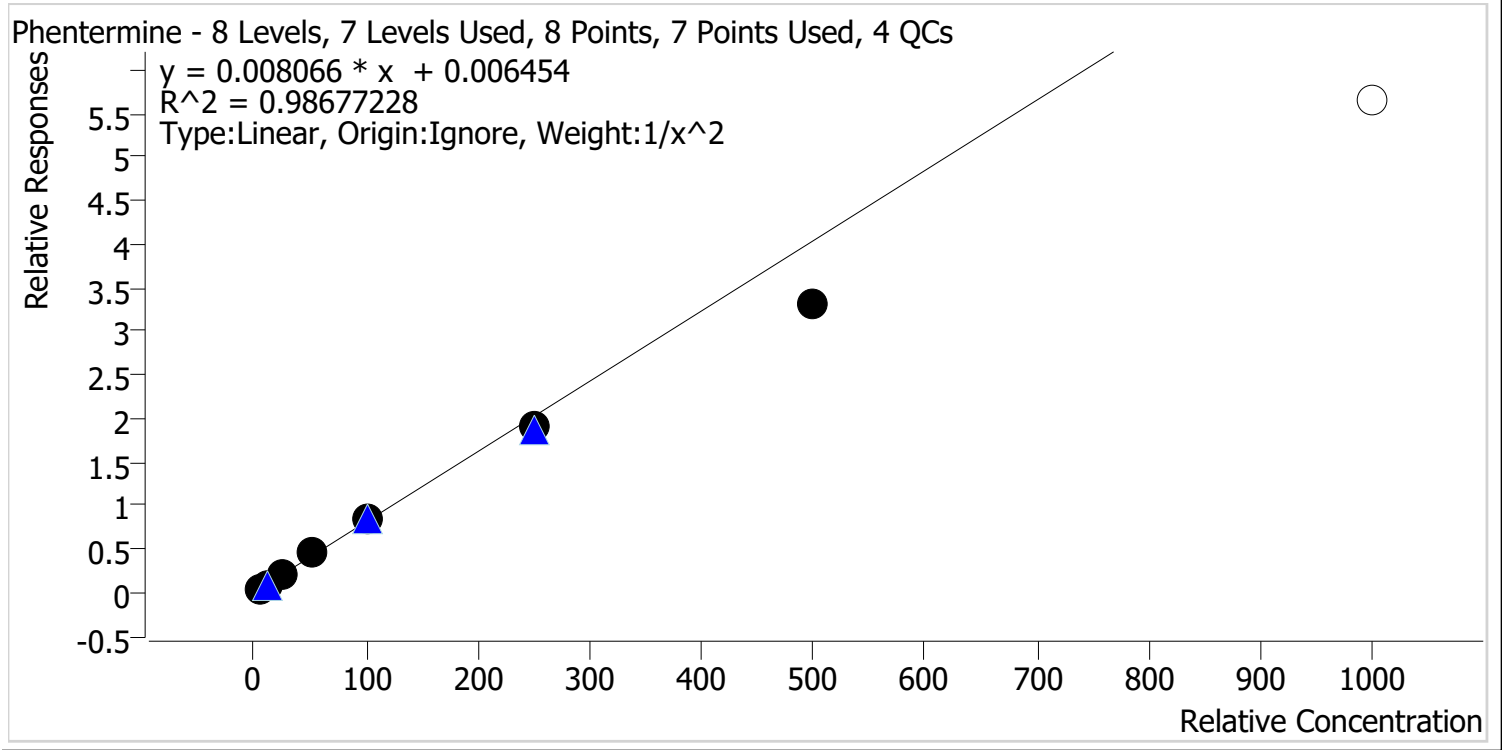


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	989.1	98.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



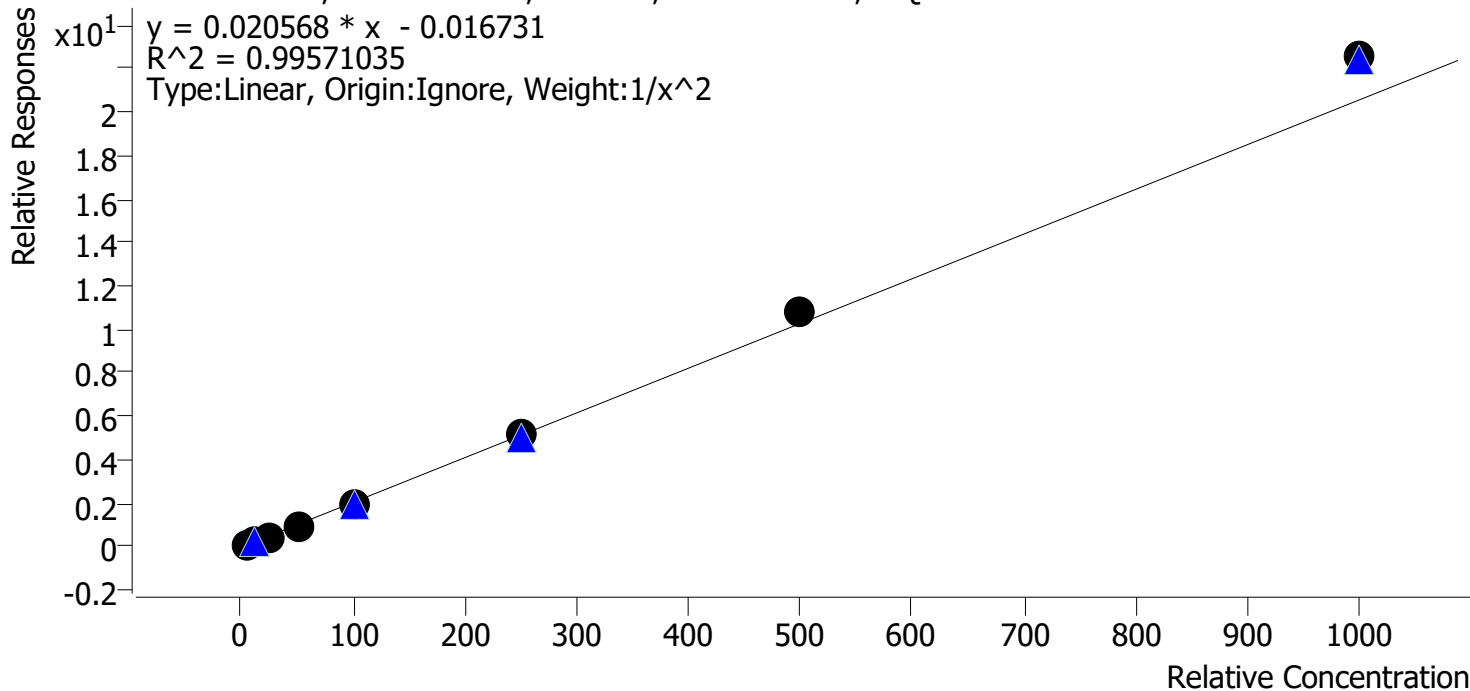
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	54.8	109.5
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	410.2	82.0
p1 Cal 8-1000ng	8	✗	1000.0	699.3	69.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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

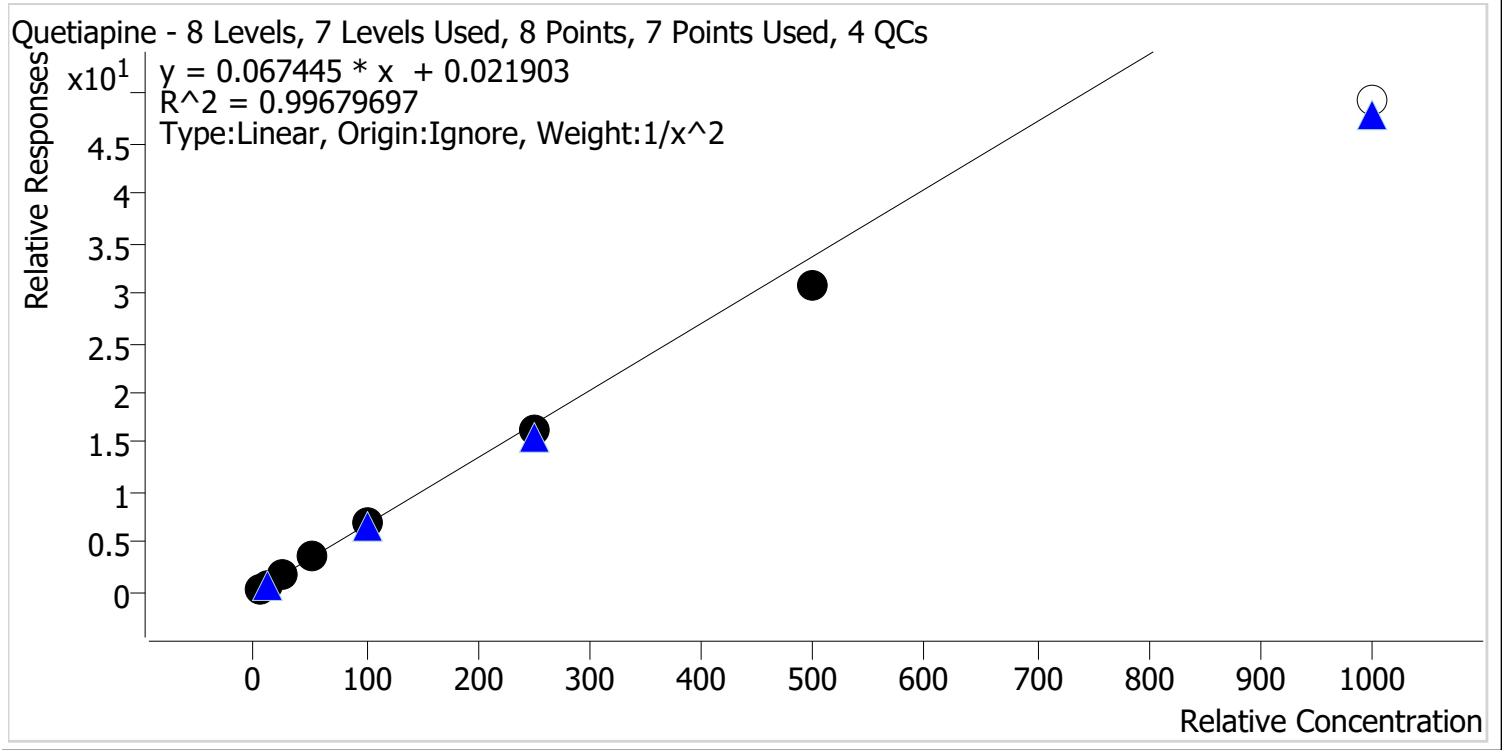


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	525.1	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1097.0	109.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



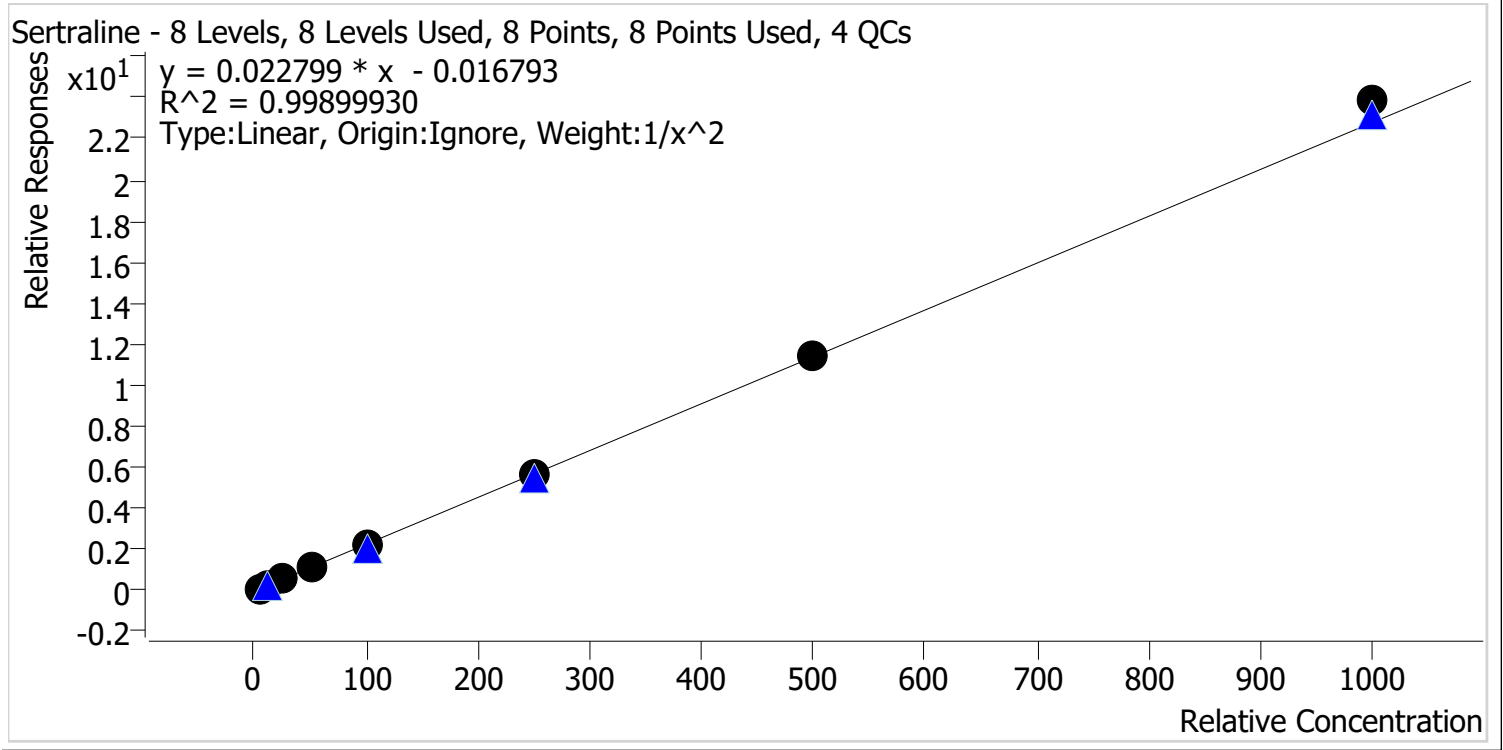
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	456.7	91.3
p1 Cal 8-1000ng	8	✗	1000.0	731.6	73.2

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

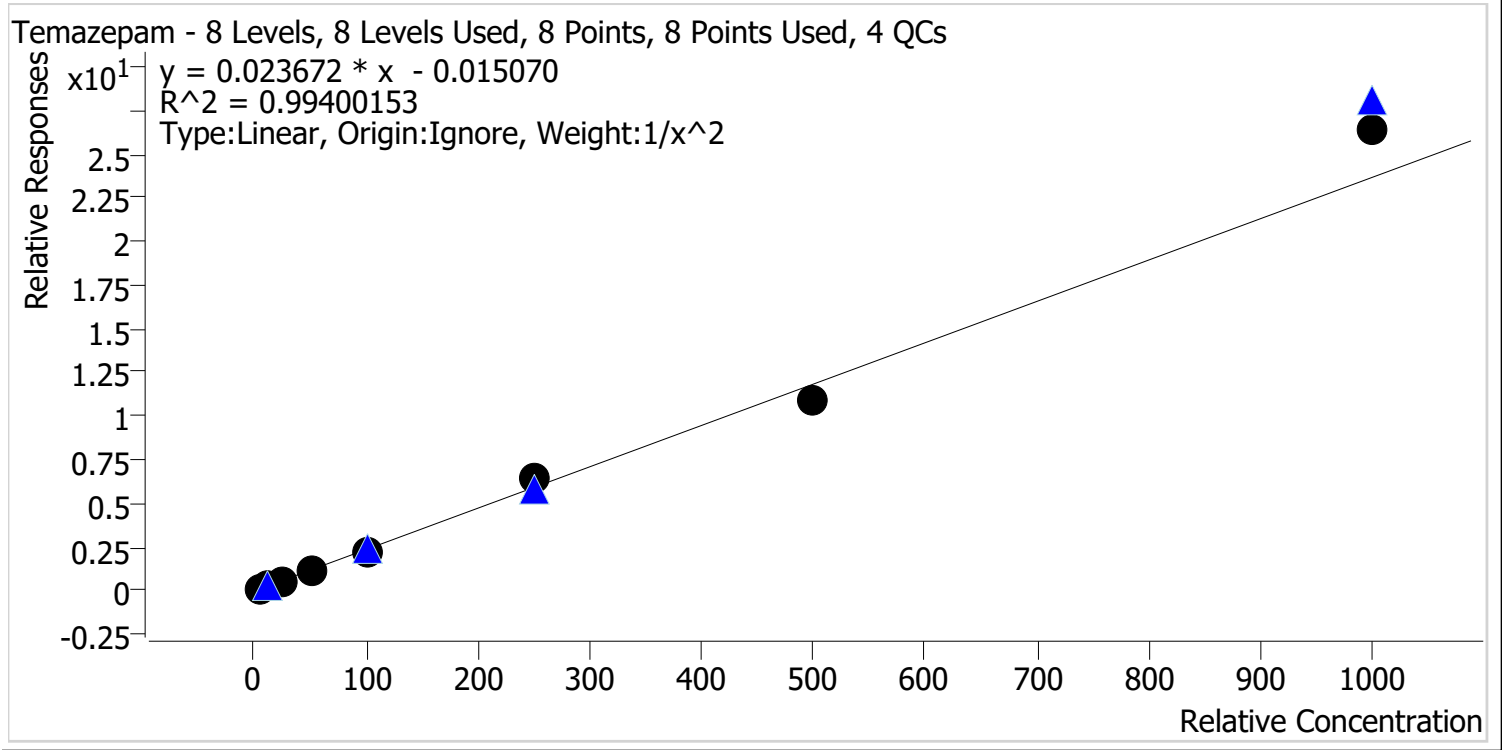


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1047.0	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

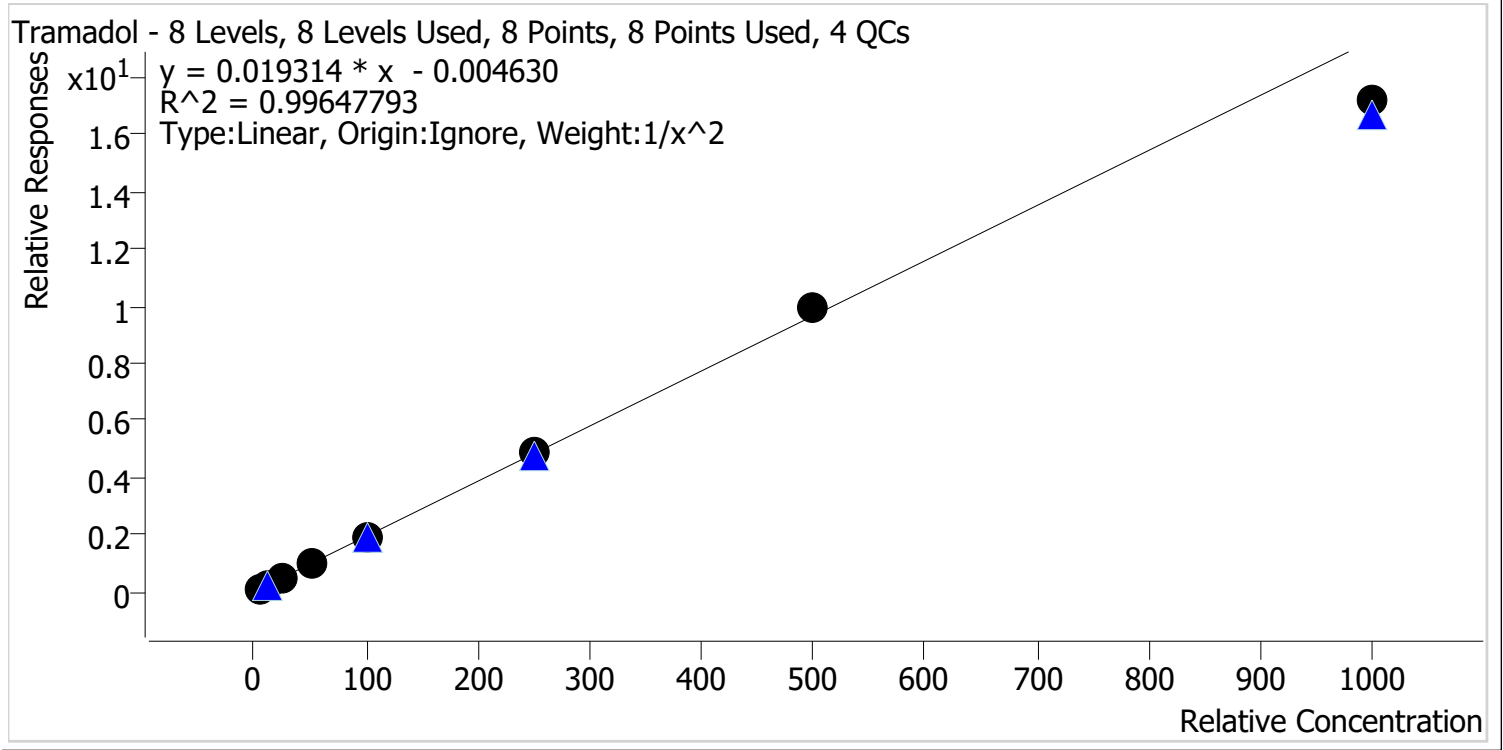


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	270.7	108.3
p1 Cal 7-500ng	7	✓	500.0	460.5	92.1
p1 Cal 8-1000ng	8	✓	1000.0	1111.3	111.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

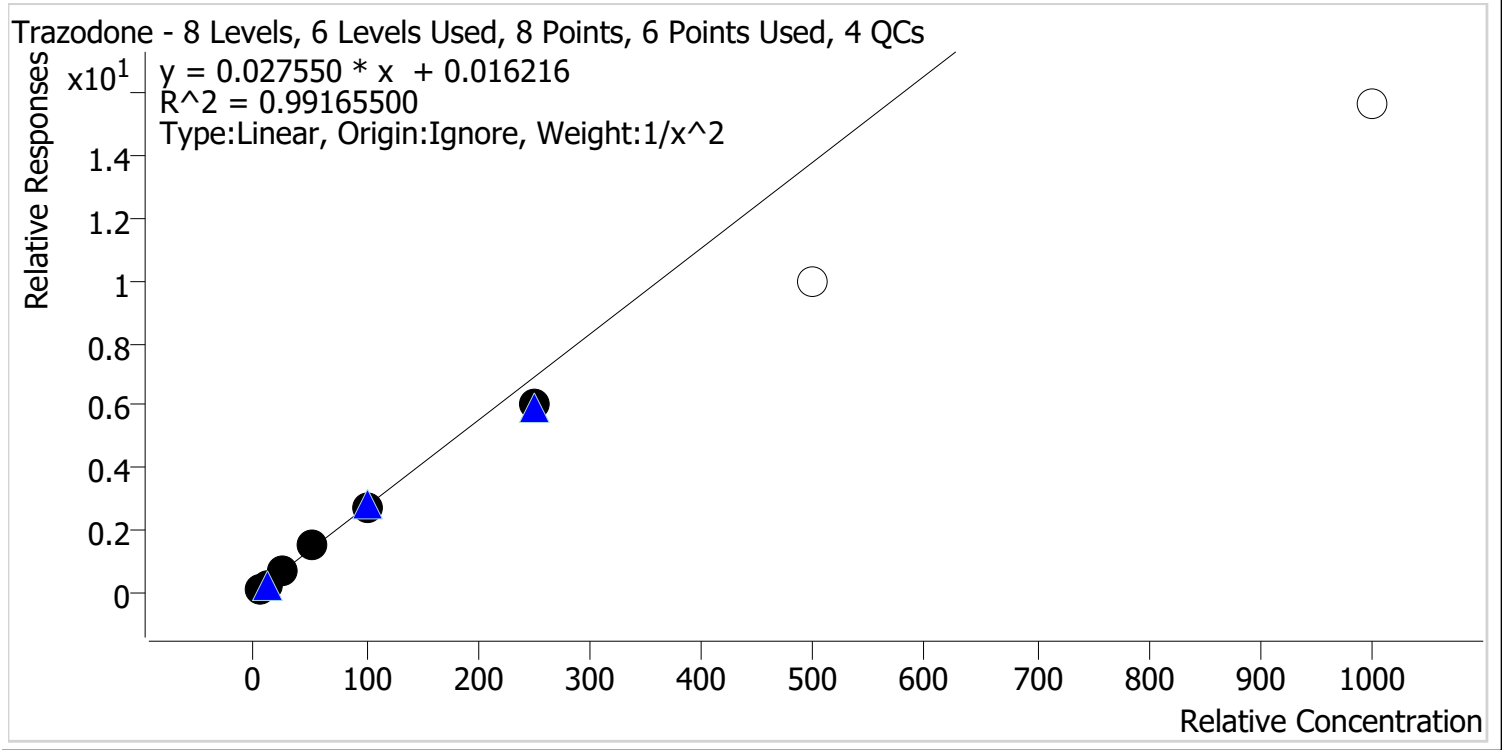


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	890.5	89.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

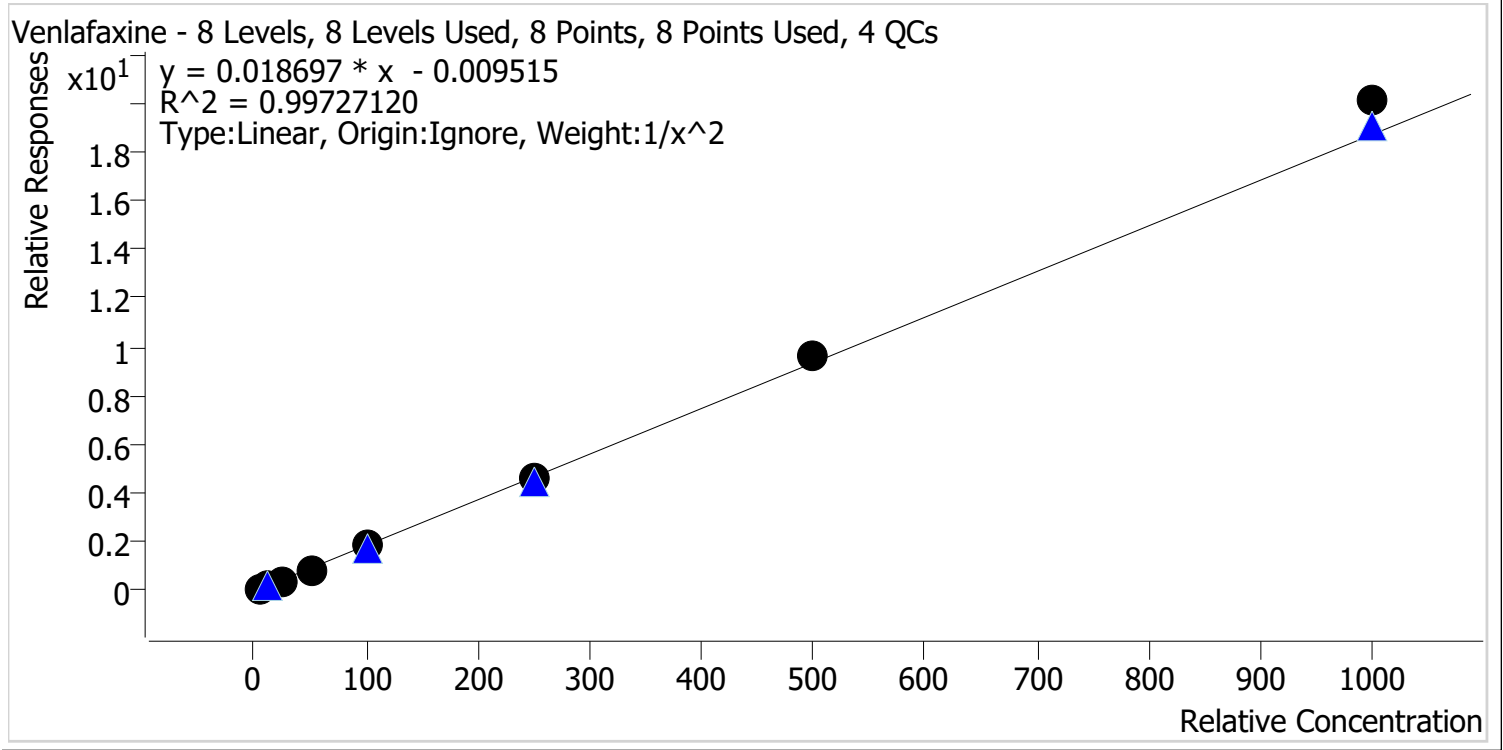


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	218.1	87.3
p1 Cal 7-500ng	7	x	500.0	361.4	72.3
p1 Cal 8-1000ng	8	x	1000.0	566.4	56.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



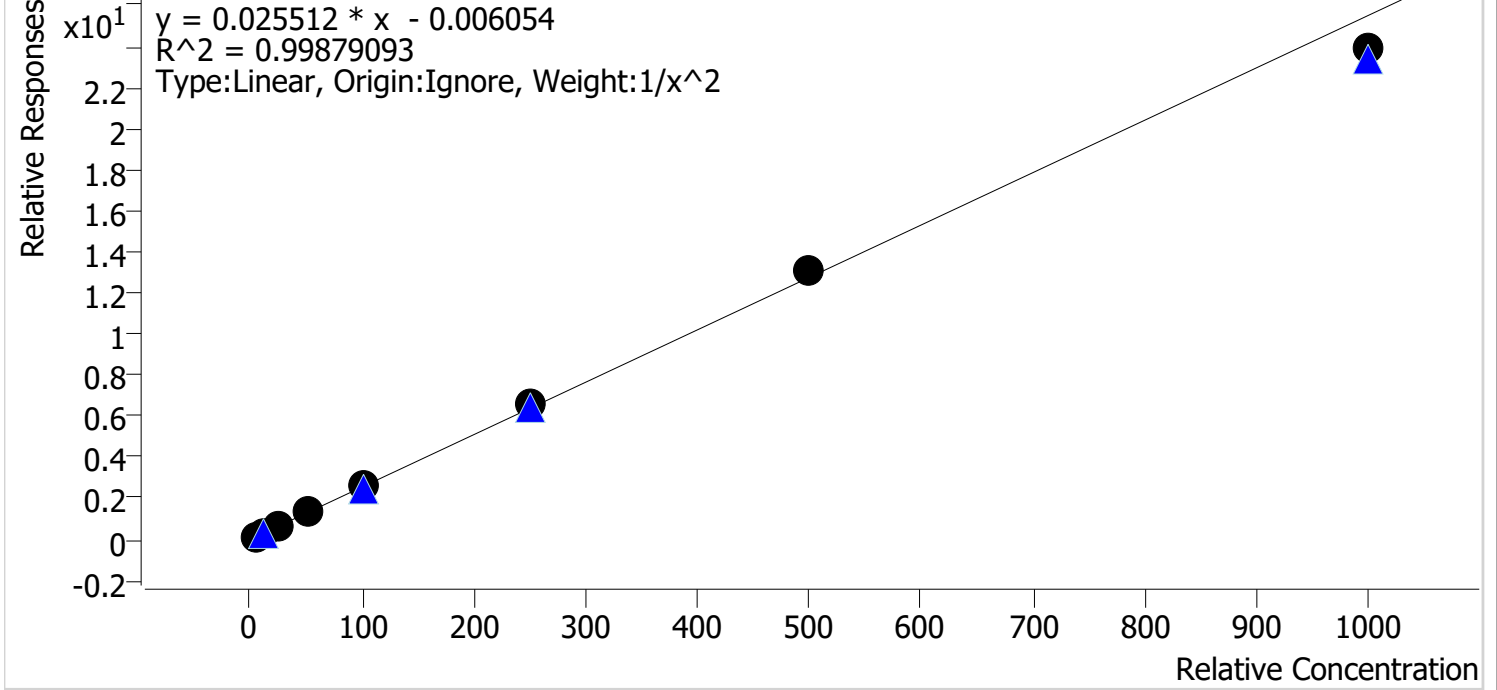
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	518.9	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1074.5	107.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 3/7/2024 9:22 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	51.0	102.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	936.8	93.7



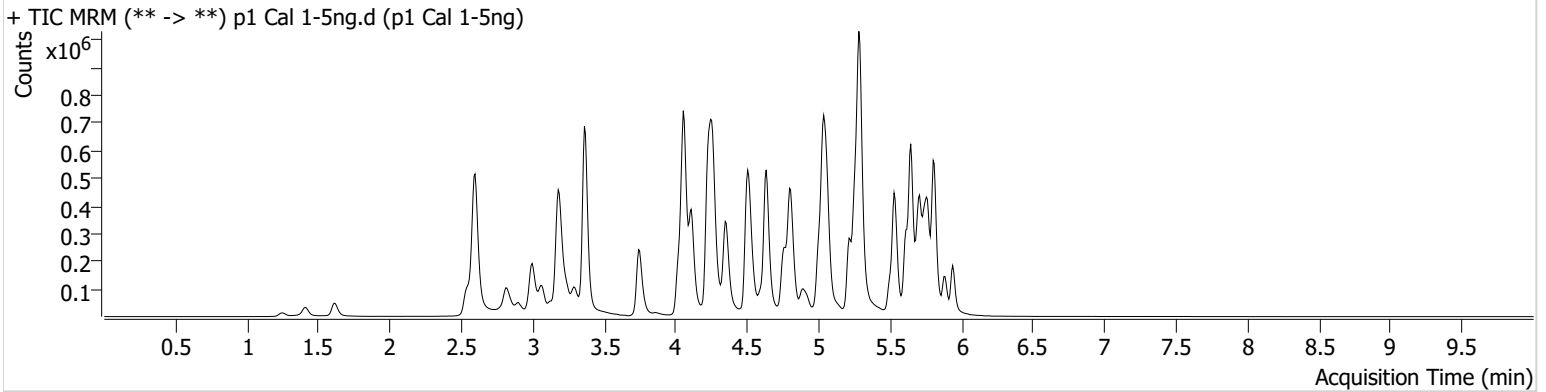
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) Data File p1 Cal 1-5ng.d
Type Cal Sample p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-A1 Comment
Injection Volume 2
Acq. Date-Time 3/1/2024 12:51:30 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	1339	389.97	74.4	2784.27	81625	0.5165 ng/ml
7-aminoclonazepam	4.258	13486	1109.67	79.0	3724.50	142046	4.7850 ng/ml
9-hydroxyrisperidone	4.630	3861	2203.86	3582.2	2594.95	1240930	5.0973 ng/ml
a-hydroxyalprazolam	5.692	9490	63.89	57.0	225.26	87634	5.0490 ng/ml
alpha-PHP	4.922	24070	481.23	264.7	38726.06	749899	5.1841 ng/ml
alpha-PVP	4.363	87484	2634.16	51.2	91.85	749899	5.0754 ng/ml
Alprazolam	5.769	45716	2093.21	112.0	312.25	413816	5.1741 ng/ml
Amphetamine	3.067	142238	1877.58	45.7	97.49	365317	4.7161 ng/ml
Benzoylcegonine	3.889	2169	154.11	33.0	27.78	14294	5.0775 ng/ml
Bromazolam	5.807	23182	25228.31	108.6	21959.15	211246	4.9020 ng/ml
Buprenorphine	5.662	1909	1542.88	20.5 High	294.02	144385	0.6442 ng/ml
Bupropion	4.772	93354	512.03	66.6	733.27	558995	4.9378 ng/ml
Carisoprodol	5.716	57076	135207.58	52.3	207.75	463933	5.1154 ng/ml
Citalopram	5.214	64485	283.70	37.2	1967.18	587709	5.1261 ng/ml
Clonazepam	5.611	40066	371.69	34.3	7662.08	115346	4.7852 ng/ml
Clonazolam	5.547	40578	71792.65	33.4	469.23	115346	4.9860 ng/ml
Cocaine	4.257	60711	48511.42	52.5	20525.22	1029220	5.0603 ng/ml
Codeine	2.589	6411	40.31	119.1	22.02	77869	4.6786 ng/ml
Cyclobenzaprine	5.620	47525	3800.44	8.7	39.87	478310	5.1193 ng/ml
Dextromethorphan	5.271	43132	504.25	80.3	63.78	417927	5.1079 ng/ml
Dextrorphan	4.116	28399	1347.10	211.3	3139.11	729721	5.1376 ng/ml
Diazepam	5.947	30979	8077.71	90.9	2096.82	304339	4.9571 ng/ml
Dihydrocodeine	2.568	19445	990.83	58.6	36213.72	229647	4.8155 ng/ml
Diphenhydramine	5.292	196422	3510.98	29.1	63770.14	2026019	5.1173 ng/ml
Doxylamine	4.525	157425	190818.40	102.5	189.08	1509104	5.1267 ng/ml
Duloxetine	5.640	3916	1990.96	15.5	42.18	46372	4.9981 ng/ml
EDDP	5.256	70169	245.02	40.1	184.02	728485	5.0741 ng/ml
Etizolam	5.807	23985	40596.78	24.4	4685.71	115346	5.1603 ng/ml
Fentanyl	5.076	5643	178.45	88.5	15070.59	673764	0.5274 ng/ml
Fluorofentanyl	5.130	15214	200.30	44.3	4493.67	6308	0.5043 ng/ml
Fluoxetine	5.700	44236	197.51	7.0	7477.74	338039	5.1156 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	26224	82.11	33.2	264.88	284462	4.8330 ng/ml
Hydromorphone	1.622	19994	50170.62	72.9	858.26	134914	5.0028 ng/ml
Hydroxyzine	5.683	59203	1827.31	72.3	496.07	417927	5.1878 ng/ml
Ketamine	4.035	57537	264.98	39.5	136.69	474111	4.8286 ng/ml
Lamotrigine	4.273	5549	332.32	73.1	120.54	1500372	4.8709 ng/ml
Lorazepam	5.740	29400	1305.33	49.2	28.03	476730	5.0735 ng/ml
MDA	3.208	75296	136.43	31.8	1000.20	536289	4.7885 ng/ml
MDMA	3.302	56552	592.77	93.5	442.78	142243	5.0986 ng/ml
Meprobamate	4.916	20608	1870.72	34.5	55.06	193890	4.8541 ng/ml
Methadone	5.645	119646	1773.28	47.9	1134.51	961685	5.1122 ng/ml
Methamphetamine	3.243	121724	388.69	37.8	139.88	936436	4.8741 ng/ml
Metoprolol	4.320	16063	7353.53	101.4	241.01	1273475	4.8125 ng/ml
Mirtazapine	4.600	117022	52378.31	50.4	835.15	749899	5.1818 ng/ml
Mitragynine	5.204	26886	216.80	34.4	103.25	961685	5.1272 ng/ml
Morphine	1.261	4116	107.12	18.1	1321.60	11260	4.9118 ng/ml
Norbuprenorphine	4.985	311	190.17	94.5	638.28	27370	0.7489 ng/ml
Nordiazepam	5.887	33480	149.16	59.2	10046.30	217995	4.9069 ng/ml
Norfentanyl	4.076	13391	531.25	30.7	44.03	1212256	0.5143 ng/ml
Norhydrocodone	3.070	5409	59.03	34.2	41.35	71436	5.4374 ng/ml
Noroxycodone	2.920	16267	159.91	45.7	1749.95	118474	4.9593 ng/ml
O-desmethyl-tramadol	3.369	133961	362.10	5.2	204.78	1702468	5.1471 ng/ml
o-desmethylvenlafaxine	4.061	169624	255.33	18.4	49.01	31515	5.1314 ng/ml
Olanzapine	4.353	21649	296.49	50.1	109.94	108602	4.9970 ng/ml
Oxazepam	5.749	44411	1025.98	73.9	76.32	476730	4.7861 ng/ml
Oxycodone	2.845	44957	405.91	29.5	316.35	357031	4.9624 ng/ml
Oxymorphone	1.413	13440	74.58	45.9	117.26	102622	4.9359 ng/ml
Phentermine	3.778	32088	47.25	7.7	36.55	712336	4.7847 ng/ml
Promethazine	5.537	76793	188.60	30.4	126.68	864769	5.1309 ng/ml
Pseudoephedrine	2.606	161083	3165.65	16.7	2981.42	1500372	5.1659 ng/ml
Quetiapine	5.512	83660	256.82	54.3	22448.79	237431	4.8996 ng/ml
Sertraline	5.769	10366	510.33	107.8	509.90	103847	5.1151 ng/ml
Temazepam	5.817	90465	332.36	27.1	153.16	846087	5.1533 ng/ml
Tramadol	4.238	114076	357.75	3.3	21.01	1273475	4.8779 ng/ml
Trazodone	5.040	101524	76544.33	59.1	7363.20	665945	4.9449 ng/ml
Venlafaxine	5.037	119773	2087.02	37.6	149.90	1368403	5.1903 ng/ml
Xylazine	4.076	52853	51867.00	40.3	87.70	516536	5.0734 ng/ml
Zolpidem	4.824	130005	54336.60	28.9	643.35	1062292	5.0343 ng/ml



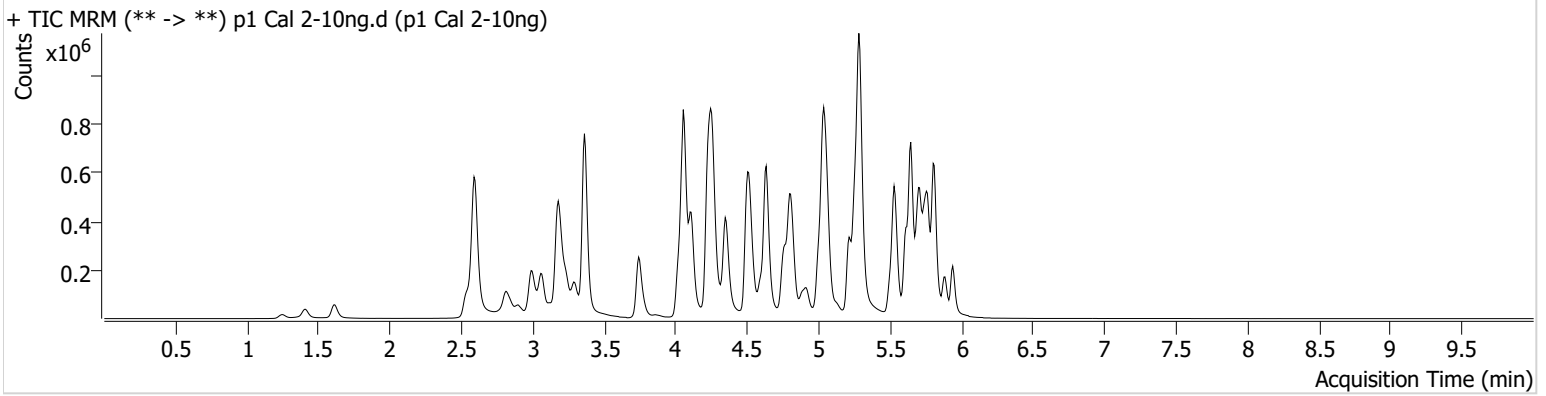
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B1 **Comment**
Injection Volume 2
Acq. Date-Time 3/1/2024 1:02:19 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	2717	3570.20	78.2	2786.93	84469	0.9677 ng/ml
7-aminoclonazepam	4.258	29616	225.96	84.6	1066.67	144250	10.3776 ng/ml
9-hydroxyrisperidone	4.637	7794	162.92	3680.4	665.64	1288605	9.5609 ng/ml
a-hydroxyalprazolam	5.692	19227	927.69	64.5	162.77	86410	10.0335 ng/ml
alpha-PHP	4.922	47527	324.08	269.9	177.91	762335	9.4544 ng/ml
alpha-PVP	4.356	183413	518.30	50.2	274.03	762335	9.8426 ng/ml
Alprazolam	5.769	91522	504.74	115.7	106.16	423529	9.5628 ng/ml
Amphetamine	3.067	291670	180.61	45.8	2621.98	381903	10.5018 ng/ml
Benzoylcegonine	3.889	3955	57.86	36.1	100.10	13991	9.5876 ng/ml
Bromazolam	5.807	47229	4599.10	110.0	67154.07	214013	10.0880 ng/ml
Buprenorphine	5.669	3776	163.86	15.4	447.76	147709	1.0387 ng/ml
Bupropion	4.772	193334	641.04	65.8	90.48	557855	10.1150 ng/ml
Carisoprodol	5.716	114398	208.38	54.9	120.60	473756	9.7245 ng/ml
Citalopram	5.214	136289	1813.34	35.3	45.93	599125	9.8381 ng/ml
Clonazepam	5.604	81739	906.42	34.8	64848.74	119144	10.2180 ng/ml
Clonazolam	5.547	81560	77661.14	32.9	26941.71	119144	9.6387 ng/ml
Cocaine	4.257	121587	73357.20	54.6	164.58	1046526	9.8154 ng/ml
Codeine	2.589	14061	63.50	95.8	40713.71	77890	10.7145 ng/ml
Cyclobenzaprine	5.613	106250	8706.14	8.1	207.55	505006	9.8571 ng/ml
Dextromethorphan	5.271	85972	1863.66	77.3	7501.14	437318	9.6054 ng/ml
Dextrorphan	4.109	54528	231.77	230.1	4075.69	729056	9.4902 ng/ml
Diazepam	5.947	64928	265.18	92.9	256.37	309529	10.1124 ng/ml
Dihydrocodeine	2.568	39967	18483.18	55.1	160.58	233046	10.3109 ng/ml
Diphenhydramine	5.292	405516	31582.81	28.5	69395.13	2087572	9.7619 ng/ml
Doxylamine	4.525	327531	170105.88	102.0	25952.89	1563863	9.6855 ng/ml
Duloxetine	5.640	8339	322.66	12.3	22.84	49661	9.6925 ng/ml
EDDP	5.256	140014	169.09	41.9	301.71	714856	9.9155 ng/ml
Etizolam	5.807	50751	56698.12	23.0	16924.12	119144	9.5781 ng/ml
Fentanyl	5.076	11388	1071.42	94.8	34078.81	680824	0.9250 ng/ml
Fluorofentanyl	5.123	31361	986.96	40.0	4407.05	6280	1.0086 ng/ml
Fluoxetine	5.700	97942	224.22	7.7	65.70	361506	9.8179 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	54493	206.01	31.2	97.51	276186	10.4706 ng/ml
Hydromorphone	1.622	40097	1921.40	75.4	3868.59	131070	9.9958 ng/ml
Hydroxyzine	5.683	126180	17418.28	72.8	97412.01	437318	9.7469 ng/ml
Ketamine	4.035	120285	1552.53	36.8	144.83	478901	10.3704 ng/ml
Lamotrigine	4.266	10910	808.97	84.2	6043.80	1512356	10.0288 ng/ml
Lorazepam	5.740	57631	430.52	49.7	100.06	474368	10.0954 ng/ml
MDA	3.201	153340	461.51	33.5	105.25	543269	10.3134 ng/ml
MDMA	3.295	116420	175944.51	94.5	196.20	145057	9.8032 ng/ml
Meprobamate	4.909	44420	1042.91	31.6	87.00	194452	10.5004 ng/ml
Methadone	5.645	247368	310.93	47.8	6059.35	985366	9.6813 ng/ml
Methamphetamine	3.236	249286	2180.83	37.7	414.46	956558	10.2445 ng/ml
Metoprolol	4.320	33952	6433.45	102.4	391.50	1299834	10.3667 ng/ml
Mirtazapine	4.600	238892	549305.47	50.2	8334.85	762335	9.5592 ng/ml
Mitragynine	5.204	53240	504.78	32.6	492.78	985366	9.5786 ng/ml
Morphine	1.254	8219	82.39	17.0	929.68	10913	10.1094 ng/ml
Norbuprenorphine	4.992	656	242.97	78.9 Low	48.58	28530	1.4067 ng/ml
Nordiazepam	5.887	66818	932.05	59.4	2461.66	218165	10.1246 ng/ml
Norfentanyl	4.076	26909	36270.74	33.8	798.00	1211566	0.9690 ng/ml
Norhydrocodone	3.070	10409	73.28	37.7	63.88	73322	8.9538 ng/ml
Noroxycodone	2.914	32922	418.88	46.2	234.36	118748	9.9699 ng/ml
O-desmethyl-tramadol	3.369	273402	5781.49	5.0	315.85	1750419	9.6395 ng/ml
o-desmethylvenlafaxine	4.061	347733	21404.94	18.6	619.69	33332	9.5302 ng/ml
Olanzapine	4.353	48910	454.51	52.2	522.73	120056	9.9809 ng/ml
Oxazepam	5.749	91989	86.21	74.6	951.40	474368	10.4676 ng/ml
Oxycodone	2.845	93746	632.71	28.5	614.41	361093	10.0919 ng/ml
Oxymorphone	1.413	27698	685.97	45.6	161.01	104014	9.9980 ng/ml
Phentermine	3.778	65660	133.61	7.6	15.89	732405	10.3147 ng/ml
Promethazine	5.537	165151	6676.70	30.3	1028.71	894370	9.7912 ng/ml
Pseudoephedrine	2.606	327196	463.48	16.7	173.54	1512356	9.6542 ng/ml
Quetiapine	5.512	174666	768.30	54.1	76.36	247031	10.1587 ng/ml
Sertraline	5.769	24044	96.69	99.6	60819.43	118269	9.6537 ng/ml
Temazepam	5.810	177071	4600.05	27.7	136.93	836499	9.5787 ng/ml
Tramadol	4.238	253363	251.36	3.2	25.88	1299834	10.3321 ng/ml
Trazodone	5.047	202282	919.47	60.0	2060.23	703215	9.8524 ng/ml
Venlafaxine	5.037	241981	2999.97	38.8	172.81	1441526	9.4872 ng/ml
Xylazine	4.076	105525	2702.71	41.4	282.21	512922	9.7787 ng/ml
Zolpidem	4.818	267926	222119.76	29.1	1157.43	1093066	9.8450 ng/ml



AM #28 Multi-Drug Quant. Results

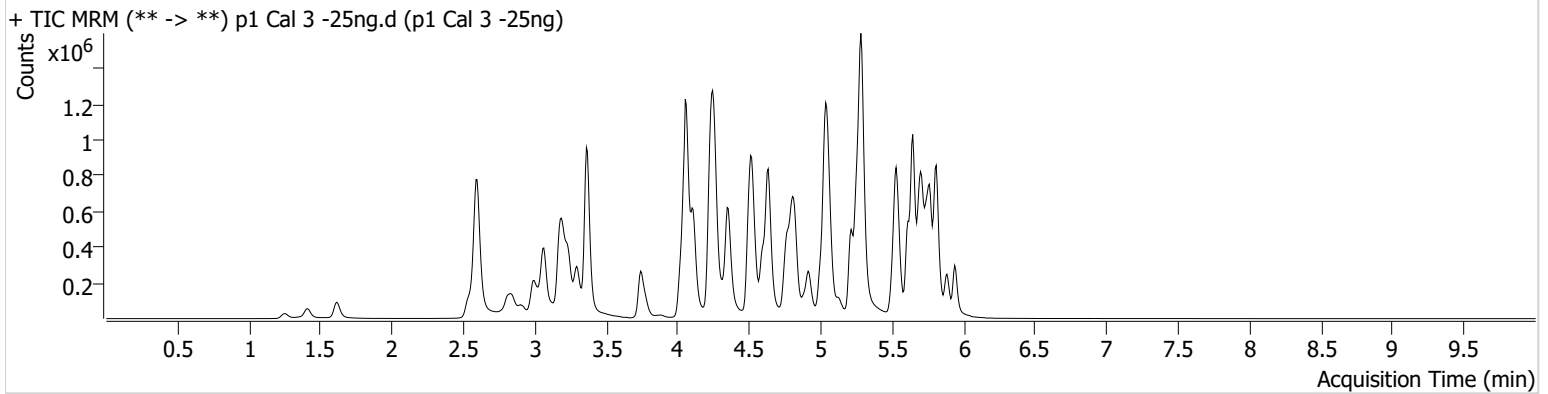
Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C1
Injection Volume 2
Acq. Date-Time 3/1/2024 1:12:57 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	6925	23462.77	78.4	17261.35	84295	2.3986 ng/ml
7-aminoclonazepam	4.258	78981	1191.51	75.9	184.38	147555	27.0967 ng/ml
9-hydroxyrisperidone	4.637	21030	3474.55	3524.2	3806.71	1274285	25.4525 ng/ml
a-hydroxyalprazolam	5.692	43505	68.85	71.2	124.99	80840	23.8090 ng/ml
alpha-PHP	4.922	130104	914.37	262.2	20696.72	775612	24.3356 ng/ml
alpha-PVP	4.356	479873	6493.10	50.6	1371.19	775612	24.3869 ng/ml
Alprazolam	5.769	225778	804.23	113.4	388.47	400737	23.9946 ng/ml
Amphetamine	3.067	732822	8233.01	45.4	12548.25	387795	27.9031 ng/ml
Benzoylcegonine	3.889	11023	725.02	34.1	1262.18	14693	25.6818 ng/ml
Bromazolam	5.807	117958	77495.11	106.3	55199.61	207818	26.3043 ng/ml
Buprenorphine	5.669	9941	7110.17	15.5	1370.33	148850	2.3553 ng/ml
Bupropion	4.772	503468	374.34	67.1	668.41	569523	25.6108 ng/ml
Carisoprodol	5.716	275916	2305.47	55.2	147.66	446698	24.3641 ng/ml
Citalopram	5.214	354024	5769.18	36.4	363.14	616778	23.7036 ng/ml
Clonazepam	5.604	194867	634.36	34.7	532.60	109067	27.8720 ng/ml
Clonazolam	5.547	209483	118827.79	32.0	99564.84	109067	26.9224 ng/ml
Cocaine	4.257	312112	284.06	54.3	120290.05	1054915	24.7539 ng/ml
Codeine	2.589	35185	109.21	105.8	166.87	77744	27.4390 ng/ml
Cyclobenzaprine	5.613	287956	596.92	8.4	2494.35	542282	23.5379 ng/ml
Dextromethorphan	5.271	231450	323.02	82.5	∞	452163	24.7900 ng/ml
Dextrorphan	4.109	151552	504.79	213.6	455.65	754425	24.7882 ng/ml
Diazepam	5.947	157914	239.76	91.8	215.42	300571	25.1824 ng/ml
Dihydrocodeine	2.568	103495	332.92	57.8	1378.84	239323	26.8274 ng/ml
Diphenhydramine	5.292	1053254	345.88	29.0	383.08	2171307	23.6442 ng/ml
Doxylamine	4.518	870657	50511.68	101.3	3280.62	1612249	24.0223 ng/ml
Duloxetine	5.640	26790	2759.79	14.0	92.57	57712	26.3530 ng/ml
EDDP	5.256	371130	127.45	42.5	1865.74	764919	23.9877 ng/ml
Etizolam	5.807	124983	119588.44	24.0	20589.04	109067	24.1663 ng/ml
Fentanyl	5.076	33556	92.18	84.2	∞	716228	2.3591 ng/ml
Fluorofentanyl	5.123	87942	1789.72	41.3	19240.31	7154	2.4337 ng/ml
Fluoxetine	5.700	285601	13376.11	7.5	97.90	413145	23.9298 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	141034	224.98	31.0	62.59	292854	25.7170 ng/ml
Hydromorphone	1.622	106154	371543.50	74.4	6431.15	137090	24.8243 ng/ml
Hydroxyzine	5.683	321485	7681.71	74.7	107568.22	452163	22.8606 ng/ml
Ketamine	4.035	311682	1160.31	38.2	236.40	498049	26.3644 ng/ml
Lamotrigine	4.273	28833	1164.49	81.4	22870.45	1548173	26.7662 ng/ml
Lorazepam	5.740	121304	1930.02	52.3	152.21	433956	23.3628 ng/ml
MDA	3.201	387482	132.25	33.2	6894.62	536594	27.4454 ng/ml
MDMA	3.295	300033	7446.44	97.1	1784.83	147658	24.0836 ng/ml
Meprobamate	4.909	109693	2757.77	32.2	∞	195405	25.8901 ng/ml
Methadone	5.645	661889	1636.83	45.8	1196.86	1003599	24.4202 ng/ml
Methamphetamine	3.236	648663	1346.56	37.5	540.20	1013966	25.8317 ng/ml
Metoprolol	4.320	88726	7517.81	100.7	12059.50	1349856	26.6553 ng/ml
Mirtazapine	4.593	645161	1740.45	50.0	82377.14	775612	23.9851 ng/ml
Mitragynine	5.204	141213	7034.72	33.0	1189.15	1003599	24.3764 ng/ml
Morphine	1.254	21719	14826.87	16.6	14.87	11357	25.6511 ng/ml
Norbuprenorphine	4.985	1184	233.69	110.8	1863.58	28297	2.4726 ng/ml
Nordiazepam	5.887	161621	140815.01	61.7	259.40	210331	25.9166 ng/ml
Norfentanyl	4.076	69687	98035.74	33.1	417.47	1209531	2.4111 ng/ml
Norhydrocodone	3.070	28364	∞	37.3	80.47	73711	21.8417 ng/ml
Noroxycodone	2.914	85941	410.35	46.3	1887.18	118814	25.9418 ng/ml
O-desmethyl-tramadol	3.369	729243	964.23	5.1	2925.15	1804078	24.0157 ng/ml
o-desmethylvenlafaxine	4.061	906201	47708.21	18.4	1064.52	31819	25.2498 ng/ml
Olanzapine	4.353	130120	646.10	53.1	487.89	126554	24.8525 ng/ml
Oxazepam	5.749	208398	150.51	73.8	∞	433956	26.6111 ng/ml
Oxycodone	2.838	242908	915.72	27.1	462.77	371519	25.2157 ng/ml
Oxymorphone	1.413	71955	∞	45.1	497.33	101134	26.6519 ng/ml
Phentermine	3.778	170532	686.54	7.6	1493.87	754431	27.2247 ng/ml
Promethazine	5.530	457839	962.47	30.6	3128.76	959075	24.0229 ng/ml
Pseudoephedrine	2.606	857970	228.59	16.4	9106.79	1548173	23.5667 ng/ml
Quetiapine	5.512	461171	12363.58	55.7	23049.21	260475	25.9262 ng/ml
Sertraline	5.769	78785	142.87	102.0	25160.43	145816	24.4356 ng/ml
Temazepam	5.817	432792	4451.84	27.3	336.21	771889	24.3220 ng/ml
Tramadol	4.238	652362	483.10	3.7	101.91	1349856	25.2627 ng/ml
Trazodone	5.047	533968	545.20	59.4	1144.29	716112	26.4765 ng/ml
Venlafaxine	5.037	630928	27573.87	38.1	2367.90	1444652	23.8677 ng/ml
Xylazine	4.076	285920	548.12	42.3	1073.58	531539	24.8932 ng/ml
Zolpidem	4.818	701906	13703.45	28.3	4910.96	1123072	24.7350 ng/ml



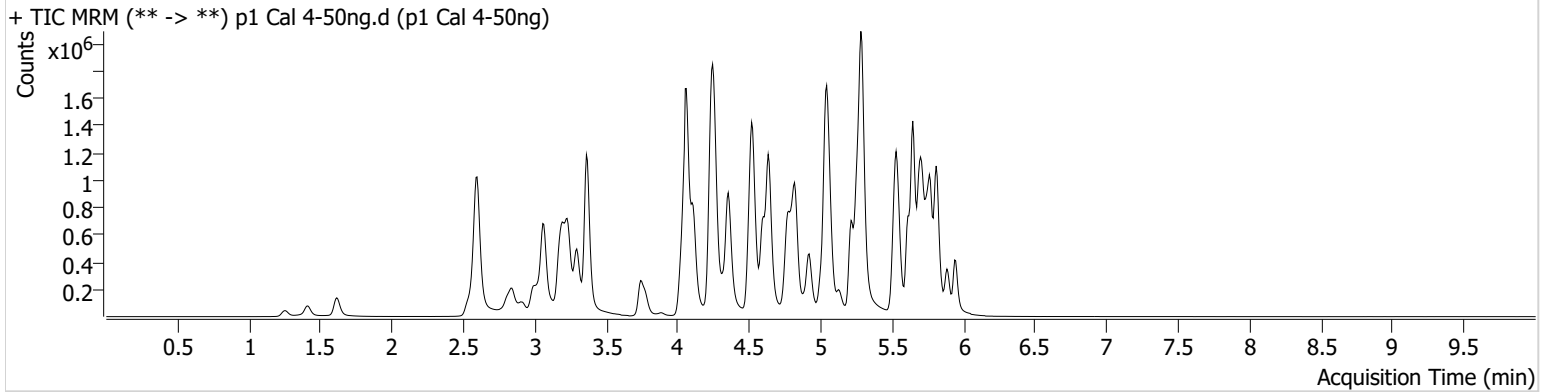
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-D1 **Comment**
Injection Volume 2
Acq. Date-Time 3/1/2024 1:23:34 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	13072	28102.19	86.2	418.83	82655	4.5742 ng/ml
7-aminoclonazepam	4.258	134368	108.33	79.8	206.88	129355	52.6091 ng/ml
9-hydroxyrisperidone	4.637	41192	16317.38	3604.2	3246.54	1271340	49.6162 ng/ml
a-hydroxyalprazolam	5.692	80536	499.52	68.9	1168.21	72784	48.6115 ng/ml
alpha-PHP	4.922	248702	3140.45	264.8	17491.91	731582	48.6489 ng/ml
alpha-PVP	4.356	927929	537.64	50.4	1578.35	731582	49.3776 ng/ml
Alprazolam	5.769	430547	417.88	116.4	4998.42	377412	47.9862 ng/ml
Amphetamine	3.067	1339740	324.55	45.0	284.78	369914	54.6706 ng/ml
Benzoylcegonine	3.889	21201	1245.27	35.9	302.70	14316	50.8387 ng/ml
Bromazolam	5.807	208078	14351.43	111.6	327931.19	184766	52.4145 ng/ml
Buprenorphine	5.669	20427	346.95	15.1	231.99	143544	4.7680 ng/ml
Bupropion	4.772	968523	119870.26	67.7	17983.38	555184	50.4205 ng/ml
Carisoprodol	5.723	499063	809.46	55.7	336.75	409180	47.7895 ng/ml
Citalopram	5.214	659547	978.97	37.1	332.77	570453	46.9999 ng/ml
Clonazepam	5.611	352811	205933.47	34.2	1319.57	101467	54.9871 ng/ml
Clonazolam	5.547	378955	436490.88	33.2	137146.40	101467	52.2873 ng/ml
Cocaine	4.257	606086	307.23	54.2	368.59	1016936	49.7061 ng/ml
Codeine	2.582	64935	1451.92	105.9	2511.30	73265	54.1025 ng/ml
Cyclobenzaprine	5.613	552850	364.77	8.0	2293.53	500587	48.0047 ng/ml
Dextromethorphan	5.271	441627	18243.47	80.3	101.00	427637	49.8746 ng/ml
Dextrorphan	4.109	286665	2016.42	214.4	310.66	700138	50.0911 ng/ml
Diazepam	5.947	302998	338.29	92.0	661.76	288603	50.2256 ng/ml
Dihydrocodeine	2.561	195756	106.76	58.1	206.15	229317	53.4863 ng/ml
Diphenhydramine	5.292	2029233	66893.06	28.9	73429.96	1990813	49.1447 ng/ml
Doxylamine	4.525	1703048	1308.19	101.3	85111.87	1536641	48.6666 ng/ml
Duloxetine	5.640	44507	1740.44	14.7	85.10	48429	51.9292 ng/ml
EDDP	5.256	684631	11189.08	42.4	482.33	693302	48.4188 ng/ml
Etizolam	5.807	232695	949.33	24.5	27951.80	101467	47.4151 ng/ml
Fentanyl	5.076	67496	1421.15	80.9	74777.71	695238	4.7504 ng/ml
Fluorofentanyl	5.130	175361	389.29	42.5	4041.94	7512	4.5917 ng/ml
Fluoxetine	5.700	496846	10918.81	7.5	33475.64	353438	47.9153 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	274510	305.09	31.5	265.90	281584	52.1730 ng/ml
Hydromorphone	1.616	204348	852893.20	73.2	408.99	129840	50.1347 ng/ml
Hydroxyzine	5.683	623719	104330.02	74.6	17431.45	427637	46.0648 ng/ml
Ketamine	4.035	585499	442432.99	38.4	378.84	471891	52.6175 ng/ml
Lamotrigine	4.273	53351	292.35	80.9	1585.82	1424803	54.3753 ng/ml
Lorazepam	5.740	202554	3503.93	53.3	404.39	351705	48.2446 ng/ml
MDA	3.201	693837	6257.71	33.6	3354.97	496766	53.7199 ng/ml
MDMA	3.295	575567	4713.37	96.5	6659.64	138102	48.8926 ng/ml
Meprobamate	4.916	193284	169.51	33.1	4528.63	178992	49.8574 ng/ml
Methadone	5.645	1274421	19124.57	46.9	8801.60	946614	49.2011 ng/ml
Methamphetamine	3.236	1239038	432.23	38.1	6275.21	953091	52.9792 ng/ml
Metoprolol	4.320	167134	447.92	101.1	5729.04	1293975	52.7404 ng/ml
Mirtazapine	4.600	1234058	18973.82	49.1	165815.18	731582	47.7766 ng/ml
Mitragynine	5.204	282418	271342.03	32.8	150710.55	946614	51.2894 ng/ml
Morphine	1.254	40849	887.43	17.3	256.76	10351	52.9227 ng/ml
Norbuprenorphine	4.985	2535	6375.56	112.9	29.92	28190	5.1941 ng/ml
Nordiazepam	5.887	297466	233.63	60.2	3865.37	193244	52.2597 ng/ml
Norfentanyl	4.076	128123	506.82	33.6	500.14	1104483	4.7893 ng/ml
Norhydrocodone	3.064	56860	691.00	36.4	106.76	68099	45.7332 ng/ml
Noroxycodone	2.914	160065	370.26	46.1	495.64	111773	51.3180 ng/ml
O-desmethyl-tramadol	3.369	1376618	730.53	5.2	∞	1675469	48.2099 ng/ml
o-desmethylvenlafaxine	4.061	1666153	52451.16	19.0	173.60	30809	47.5484 ng/ml
Olanzapine	4.353	241463	1293.42	54.1	567.07	115362	50.3633 ng/ml
Oxazepam	5.749	328600	1698.73	74.6	1424.82	351705	52.2141 ng/ml
Oxycodone	2.838	465920	766.61	28.1	2045.82	358114	50.0463 ng/ml
Oxymorphone	1.413	129522	182.61	46.8	∞	97726	49.6160 ng/ml
Phentermine	3.778	319130	∞	7.3	233.89	712004	54.7700 ng/ml
Promethazine	5.537	843368	72891.61	31.0	263.41	885192	47.1352 ng/ml
Pseudoephedrine	2.599	1648863	99.88	16.3	29864.81	1424803	48.4024 ng/ml
Quetiapine	5.512	868025	19192.35	56.5	22139.67	245716	52.0531 ng/ml
Sertraline	5.769	125642	180.84	101.4	248.89	112266	49.8249 ng/ml
Temazepam	5.817	738136	13395.59	27.9	3372.20	655216	48.2258 ng/ml
Tramadol	4.238	1320947	∞	3.1	139.20	1293975	53.0961 ng/ml
Trazodone	5.047	1035808	119653.91	60.3	136996.36	683502	54.4179 ng/ml
Venlafaxine	5.037	1219066	29306.85	37.8	2930.18	1360866	48.4210 ng/ml
Xylazine	4.076	533031	1491.07	44.2	2057.10	502502	48.6833 ng/ml
Zolpidem	4.824	1389373	15677.61	28.1	10115.71	1072765	51.0027 ng/ml



AM #28 Multi-Drug Quant. Results

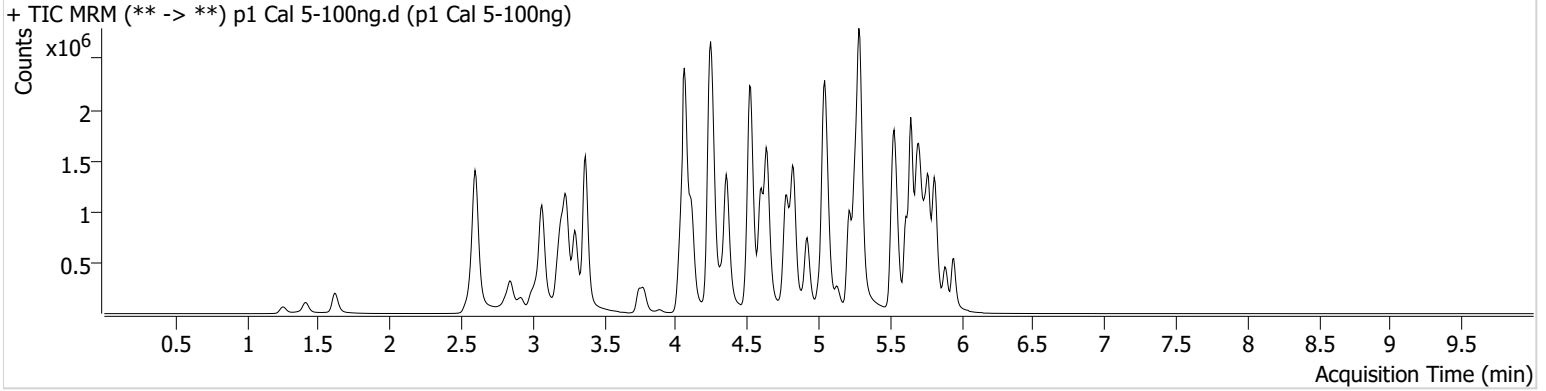
Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E1
Injection Volume 2
Acq. Date-Time 3/1/2024 1:34:13 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Celena Shrum
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	24114	27697.77	76.7	656.36	71774	9.6648 ng/ml
7-aminoclonazepam	4.258	217551	26509.13	78.2	2257.93	103466	106.5180 ng/ml
9-hydroxyrisperidone	4.637	72167	1565.60	3592.4	3961.50	1106660	99.4889 ng/ml
a-hydroxyalprazolam	5.692	125012	248.81	67.9	895.56	54042	101.2746 ng/ml
alpha-PHP	4.922	427546	20124.29	262.4	2516.81	634949	95.7216 ng/ml
alpha-PVP	4.363	1598318	616.19	50.8	567.57	634949	97.4160 ng/ml
Alprazolam	5.769	680279	1050.57	116.3	498.42	297557	95.5817 ng/ml
Amphetamine	3.067	2222099	615.88	44.1	292.40	324000	104.6897 ng/ml
Benzoylcegonine	3.889	32082	188.24	34.6	813.13	11570	95.3174 ng/ml
Bromazolam	5.807	309924	9558.28	114.9	8433.58	141899	101.8676 ng/ml
Buprenorphine	5.669	30875	1796.74	16.4	6997.16	109775	9.2068 ng/ml
Bupropion	4.772	1673836	253522.22	67.0	21989.55	474809	101.7641 ng/ml
Carisoprodol	5.723	775959	6313.29	56.4	353.58	303289	99.8872 ng/ml
Citalopram	5.214	1169132	42370.74	36.3	542.45	491718	95.8766 ng/ml
Clonazepam	5.611	500731	422.65	34.5	108.09	76425	104.3079 ng/ml
Clonazolam	5.547	571658	706064.02	33.2	183727.71	76425	104.6537 ng/ml
Cocaine	4.257	1035436	724085.31	54.7	765897.99	871084	98.9809 ng/ml
Codeine	2.589	106190	667.92	105.0	7723.30	61953	104.9878 ng/ml
Cyclobenzaprine	5.613	916242	45448.76	8.0	386.08	411976	95.7790 ng/ml
Dextromethorphan	5.271	726055	186.83	80.8	190.68	352180	99.4275 ng/ml
Dextrorphan	4.116	482681	5360.46	215.7	7093.58	601126	97.8348 ng/ml
Diazepam	5.947	479269	6204.10	92.3	215.18	223737	102.3766 ng/ml
Dihydrocodeine	2.568	329824	241.72	60.8	1164.08	199378	104.1596 ng/ml
Diphenhydramine	5.292	3508948	55005.23	29.3	34341.44	1684464	99.9255 ng/ml
Doxylamine	4.525	3054375	651357.43	98.8	171941.66	1354291	98.4107 ng/ml
Duloxetine	5.640	74927	1816.95	13.7	489.19	41151	102.6396 ng/ml
EDDP	5.256	1188511	10182.08	41.8	12866.81	580541	99.9632 ng/ml
Etizolam	5.807	360607	11825.73	25.1	67846.12	76425	96.5545 ng/ml
Fentanyl	5.076	97617	199739.29	83.7	481.83	506011	9.3124 ng/ml
Fluorofentanyl	5.130	251565	14464.30	42.2	1533.12	4857	10.1471 ng/ml
Fluoxetine	5.700	832897	496292.59	7.7	26392.58	293366	96.0349 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	461045	∞	33.2	487.16	244671	100.9491 ng/ml
Hydromorphone	1.616	343426	6263.25	74.5	8305.16	107477	101.4668 ng/ml
Hydroxyzine	5.683	1076622	10661.83	77.2	677.74	352180	95.6840 ng/ml
Ketamine	4.035	1014957	77632.41	38.5	3322.44	422831	102.1242 ng/ml
Lamotrigine	4.273	90744	158.65	86.8	1126.81	1222635	108.3234 ng/ml
Lorazepam	5.740	287454	433.85	50.2	168.23	254039	94.8881 ng/ml
MDA	3.201	1148707	6552.38	32.9	6672.76	424680	104.6712 ng/ml
MDMA	3.295	1008331	112545.39	96.2	26103.72	120438	97.7325 ng/ml
Meprobamate	4.916	308207	10876.76	31.1	1828.43	150447	94.6383 ng/ml
Methadone	5.645	2129061	81332.09	46.3	19740.31	793645	97.4202 ng/ml
Methamphetamine	3.236	2159129	∞	37.4	2104.30	854021	103.4744 ng/ml
Metoprolol	4.320	287981	450.80	101.3	219484.12	1128810	104.5364 ng/ml
Mirtazapine	4.600	2149783	418372.63	49.0	52765.67	634949	95.0500 ng/ml
Mitragynine	5.204	438020	29434.98	32.9	72957.46	793645	94.5792 ng/ml
Morphine	1.254	67869	277.39	16.6	278.20	8901	102.2476 ng/ml
Norbuprenorphine	4.985	3732	13055.39	120.3	1241.23	23357	9.1452 ng/ml
Nordiazepam	5.894	464452	430.16	60.2	349.36	151414	104.4772 ng/ml
Norfentanyl	4.076	208830	1746.91	34.9	248.85	911259	9.3986 ng/ml
Norhydrocodone	3.070	102145	444.30	38.2	105.89	59422	92.6506 ng/ml
Noroxycodone	2.920	271661	1561.16	47.7	1576.93	97634	99.6689 ng/ml
O-desmethyl-tramadol	3.369	2490221	677.21	5.3	1053.28	1481641	98.0045 ng/ml
o-desmethylvenlafaxine	4.061	2951271	175747.45	18.4	2117.30	26233	98.4340 ng/ml
Olanzapine	4.353	443247	145.66	54.3	288.24	104852	101.4919 ng/ml
Oxazepam	5.749	488197	1580.97	73.7	769.00	254039	107.8904 ng/ml
Oxycodone	2.838	814524	830.52	28.1	4208.82	306390	102.1241 ng/ml
Oxymorphone	1.413	218659	∞	45.1	239.46	79537	102.8774 ng/ml
Phentermine	3.778	539125	∞	7.0	1158.47	628828	105.4951 ng/ml
Promethazine	5.537	1488843	1325.86	31.0	491.83	783967	93.1464 ng/ml
Pseudoephedrine	2.606	2818352	70935.21	16.0	211.14	1222635	95.6744 ng/ml
Quetiapine	5.512	1521537	32693.58	56.4	1084.66	215912	104.1604 ng/ml
Sertraline	5.769	209997	13980.05	101.8	258.55	95285	97.4047 ng/ml
Temazepam	5.817	1095251	597.15	27.4	146.24	485588	95.9167 ng/ml
Tramadol	4.238	2161927	894.19	3.6	121.06	1128810	99.4046 ng/ml
Trazodone	5.047	1609093	85953.47	61.4	4420.52	577323	100.5779 ng/ml
Venlafaxine	5.037	2126062	1053.80	37.9	719.65	1163025	98.2821 ng/ml
Xylazine	4.076	900116	1221.10	45.8	1480.60	417061	98.6202 ng/ml
Zolpidem	4.824	2433882	661.17	27.9	21682.50	947524	100.9219 ng/ml



AM #28 Multi-Drug Quant. Results

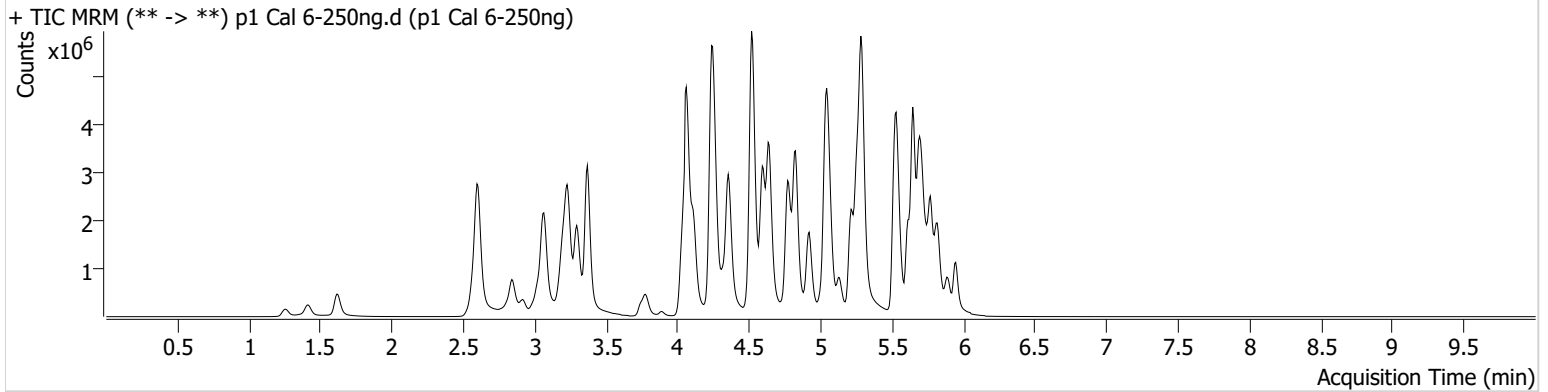
Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F1
Injection Volume 2
Acq. Date-Time 3/1/2024 1:44:50 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Celena Shrum

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	65941	436.56	72.2	10324.47	73321	25.7931 ng/ml
7-aminoclonazepam	4.258	383812	2370.67	82.9	1673.43	74912	259.5881 ng/ml
9-hydroxyrisperidone	4.637	184114	40235.47	3876.9	21598.29	1143270	245.1492 ng/ml
a-hydroxyalprazolam	5.692	208980	577.95	65.2	371.92	36273	251.7513 ng/ml
alpha-PHP	4.922	1114119	2856.05	262.0	76076.58	638202	247.1251 ng/ml
alpha-PVP	4.356	4094944	94371.79	51.6	542.07	638202	247.4002 ng/ml
Alprazolam	5.769	1570093	496.56	111.1	952.00	251875	259.6062 ng/ml
Amphetamine	3.067	4873331	242.01	43.2	54183.53	322518	232.2171 ng/ml
Benzoylcegonine	3.889	106043	9100.16	34.2	7186.39	14375	253.8295 ng/ml
Bromazolam	5.807	617170	642.87	113.2	4990.67	117922	244.4199 ng/ml
Buprenorphine	5.669	83289	131377.54	14.6	6600.06	107360	25.0049 ng/ml
Bupropion	4.772	4471908	2281955.11	65.9	2073.93	503136	256.3844 ng/ml
Carisoprodol	5.723	1485091	47081.77	57.9	18861.15	237382	243.7756 ng/ml
Citalopram	5.214	2904658	1334.86	35.5	619.28	460259	253.2658 ng/ml
Clonazepam	5.604	889581	9749.76	34.5	4006.05	61077	232.8368 ng/ml
Clonazolam	5.554	1053481	832820.56	33.8	1129.02	61077	241.2366 ng/ml
Cocaine	4.257	2534043	51695.32	54.3	312.09	835495	252.3142 ng/ml
Codeine	2.582	240779	102.50	100.4	61117.16	59721	247.4662 ng/ml
Cyclobenzaprine	5.613	2640374	447.13	7.4	1372.20	446507	253.2058 ng/ml
Dextromethorphan	5.264	1811259	461.24	78.2	193.17	347327	251.2934 ng/ml
Dextrorphan	4.109	1171166	6305.43	216.2	1127.74	561775	253.3484 ng/ml
Diazepam	5.947	1197172	8000.22	93.3	6152.98	227153	251.7406 ng/ml
Dihydrocodeine	2.561	810238	942.83	59.7	155.00	216116	236.7478 ng/ml
Diphenhydramine	5.292	8997571	2398.51	28.9	39712.48	1661745	258.9472 ng/ml
Doxylamine	4.518	8664785	389340.12	96.5	1551.11	1423032	264.6652 ng/ml
Duloxetine	5.640	190564	3606.09	13.1	203.19	42639	251.5714 ng/ml
EDDP	5.256	3222970	623.65	42.7	787.45	619647	253.3701 ng/ml
Etizolam	5.807	848407	24915.63	24.9	906.98	61077	282.4074 ng/ml
Fentanyl	5.076	322105	663.89	82.3	501115.05	592308	26.0169 ng/ml
Fluorofentanyl	5.130	876097	790.98	41.2	17221.65	7182	23.8529 ng/ml
Fluoxetine	5.700	2196457	25304.37	7.7	450817.43	297211	248.8216 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	1192496	∞	34.0	1074.08	257796	247.9738 ng/ml
Hydromorphone	1.622	909568	3067.07	75.8	1249265.22	114649	251.4622 ng/ml
Hydroxyzine	5.683	2871180	297592.14	81.7	49248.64	347327	257.3926 ng/ml
Ketamine	4.035	2450224	138494.87	37.4	592.17	423719	246.5197 ng/ml
Lamotrigine	4.273	186462	182.97	90.8	377177.74	1146469	238.0327 ng/ml
Lorazepam	5.740	398833	9626.78	52.7	990.03	144404	231.7587 ng/ml
MDA	3.201	2267567	343.89	33.1	349.09	375744	234.3699 ng/ml
MDMA	3.295	2532198	23475.25	97.0	492.44	118214	249.3016 ng/ml
Meprobamate	4.909	602211	9801.37	31.4	14147.37	141180	197.1175 ng/ml
Methadone	5.645	5821278	403136.66	46.2	2381.24	822797	255.9085 ng/ml
Methamphetamine	3.236	5547967	2515.38	36.2	16796.63	922169	246.8818 ng/ml
Metoprolol	4.320	665071	1682380.38	102.9	651507.71	1110646	245.8717 ng/ml
Mirtazapine	4.593	5620856	2118.33	48.1	4819.92	638202	245.9079 ng/ml
Mitragynine	5.204	1230719	862.37	33.3	1120834.04	822797	255.7209 ng/ml
Morphine	1.254	178631	331.48	16.8	252.15	9248	258.9897 ng/ml
Norbuprenorphine	4.985	11775	16528.47	98.5	25241.20	24582	27.2026 ng/ml
Nordiazepam	5.894	875342	1667.38	60.0	3967.60	127454	234.3438 ng/ml
Norfentanyl	4.076	430452	286.04	36.2	20083.95	716590	24.5313 ng/ml
Norhydrocodone	3.070	276292	150.24	39.3	217.49	58168	253.5130 ng/ml
Noroxycodone	2.914	671575	30023.93	47.4	590.57	96421	249.4271 ng/ml
O-desmethyl-tramadol	3.369	6567130	∞	5.3	897.21	1495519	255.1103 ng/ml
o-desmethylvenlafaxine	4.061	6539656	124267.70	18.4	195.64	22227	256.7131 ng/ml
Olanzapine	4.346	926890	2295.75	55.0	1346.37	82024	270.9290 ng/ml
Oxazepam	5.749	626381	14190.19	73.8	2551.47	144404	244.1136 ng/ml
Oxycodone	2.838	2143509	9014.20	28.2	1762.78	323769	254.1288 ng/ml
Oxymorphone	1.413	574758	∞	44.8	∞	88507	242.9639 ng/ml
Phentermine	3.778	1237518	∞	7.0	3978.26	642562	237.9773 ng/ml
Promethazine	5.537	4450105	176841.66	30.4	1642.60	857641	253.0864 ng/ml
Pseudoephedrine	2.606	6945576	195.32	15.9	145.76	1146469	250.2331 ng/ml
Quetiapine	5.512	3787380	77809.25	59.1	1760595.16	231001	242.7695 ng/ml
Sertraline	5.769	591858	136.55	99.7	2754137.52	103491	251.5828 ng/ml
Temazepam	5.824	1732607	373.38	25.5	3540.69	271058	270.6556 ng/ml
Tramadol	4.238	5375473	2260.99	3.8	329.51	1110646	250.8384 ng/ml
Trazodone	5.047	4019153	37452.29	65.4	46972.54	666957	218.1427 ng/ml
Venlafaxine	5.037	5393720	17028.30	36.2	384.30	1162183	248.7346 ng/ml
Xylazine	4.076	2288941	85031.65	47.9	294.51	411169	253.7191 ng/ml
Zolpidem	4.824	6626189	15352.48	27.1	2638.16	1006454	258.2992 ng/ml



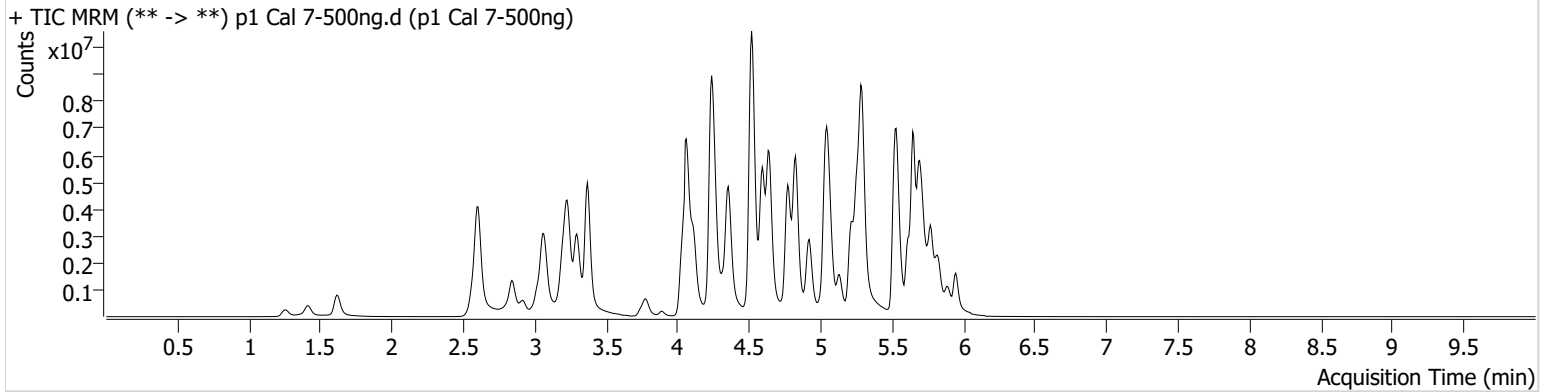
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) Data File p1 Cal 7-500ng.d
Type Cal Sample p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-G1 Comment
Injection Volume 2
Acq. Date-Time 3/1/2024 1:55:27 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	120015	206991.76	72.2	152722.87	66504	51.7092 ng/ml
7-aminoclonazepam	4.258	437828	2598.80	86.8	56343.45	51886	427.5524 ng/ml
9-hydroxyrisperidone	4.637	347122	∞	3945.2	36853.91	1037479	508.9267 ng/ml
a-hydroxyalprazolam	5.692	238189	614.53	67.4	433.55	21465	484.5728 ng/ml
alpha-PHP	4.922	1998686	2093.73	262.2	172228.96	542224	521.0811 ng/ml
alpha-PVP	4.356	7155935	89630.02	51.1	1870.48	542224	508.2380 ng/ml
Alprazolam	5.775	2346020	786.04	109.6	612.76	192250	507.6490 ng/ml
Amphetamine	3.067	7335433	178555.86	42.7	215.53	275184	410.6558 ng/ml
Benzoylcegonine	3.889	209116	9699.93	35.5	424.81	14550	494.6753 ng/ml
Bromazolam	5.807	826068	8518.61	116.6	232498.78	78965	488.7752 ng/ml
Buprenorphine	5.669	129032	363869.92	14.2	29314.18	80761	51.2611 ng/ml
Bupropion	4.772	8129463	809.61	65.3	997.00	473450	495.1901 ng/ml
Carisoprodol	5.723	2110961	13094.01	56.0	15071.37	156576	524.9589 ng/ml
Citalopram	5.220	4714577	423.49	34.4	3852.55	351097	538.0591 ng/ml
Clonazepam	5.604	1025478	51513.84	34.9	13101.48	39461	416.0524 ng/ml
Clonazolam	5.554	1340851	679677.03	35.5	154052.87	39461	475.1694 ng/ml
Cocaine	4.257	4113840	71296.69	55.8	38536.29	693363	493.4314 ng/ml
Codeine	2.582	367347	2665.87	101.6	8803.25	48308	467.0882 ng/ml
Cyclobenzaprine	5.613	4406563	1095.61	7.2	330.66	360063	523.0925 ng/ml
Dextromethorphan	5.264	2852279	275.85	76.5	764.18	268228	512.2773 ng/ml
Dextrorphan	4.116	1968752	6244.55	219.0	1640.41	467904	510.9006 ng/ml
Diazepam	5.947	1911145	7212.40	93.5	11846.40	184558	494.5323 ng/ml
Dihydrocodeine	2.561	1366031	340.42	61.1	15312.52	197514	437.1992 ng/ml
Diphenhydramine	5.292	15020324	447.95	29.2	243.00	1394991	514.4578 ng/ml
Doxylamine	4.518	16559571	412.38	94.8	658555.31	1346112	534.0991 ng/ml
Duloxetine	5.640	257954	3430.19	14.9	3151.09	28471	509.7433 ng/ml
EDDP	5.256	5913334	90504.90	41.4	1032.96	558024	515.8019 ng/ml
Etizolam	5.807	1341445	4560.18	24.8	24571.96	39461	689.7529 ng/ml
Fentanyl	5.076	604300	86373.99	82.8	670.76	499463	57.7260 ng/ml
Fluorofentanyl	5.130	1750665	∞	41.0	10674.90	6610	51.7491 ng/ml
Fluoxetine	5.707	3283791	106675.23	7.6	78766.85	213788	516.3787 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	2212931	313.45	34.8	155.12	241417	491.4986 ng/ml
Hydromorphone	1.616	1696994	3175962.00	75.0	2496730.31	107264	501.1474 ng/ml
Hydroxyzine	5.683	5029309	3557528.87	81.0	85134.53	268228	582.8157 ng/ml
Ketamine	4.035	3954948	172782.80	36.7	14038.72	382130	441.4964 ng/ml
Lamotrigine	4.273	259955	27923.98	92.4	72926.97	918316	414.7097 ng/ml
Lorazepam	5.740	500799	113235.60	51.8	1862.25	81615	515.0219 ng/ml
MDA	3.194	3372004	26646.42	32.0	4375.73	306887	427.2791 ng/ml
MDMA	3.295	4153402	144777.16	97.4	800.19	89002	542.5587 ng/ml
Meprobamate	4.909	810736	6717.12	31.2	31383.89	120201	311.7232 ng/ml
Methadone	5.645	10347882	75241.94	45.9	107857.33	705063	530.1936 ng/ml
Methamphetamine	3.229	9459946	248.96	35.8	69453.79	877423	442.8032 ng/ml
Metoprolol	4.320	1006083	226537.23	102.8	1397626.43	971508	425.4831 ng/ml
Mirtazapine	4.593	10226876	254137.35	46.8	367589.20	542224	525.6555 ng/ml
Mitragynine	5.204	2084822	239.57	33.9	306.80	705063	505.1768 ng/ml
Morphine	1.254	315104	195.87	16.8	6394.41	8543	494.5613 ng/ml
Norbuprenorphine	4.985	20264	204.23	108.6	38646.22	23705	48.4643 ng/ml
Nordiazepam	5.894	1203167	218877.00	59.8	538.82	85001	483.3453 ng/ml
Norfentanyl	4.083	586558	56813.83	36.3	3664.39	412747	57.9477 ng/ml
Norhydrocodone	3.070	518643	∞	38.6	815.53	49370	558.9691 ng/ml
Noroxycodone	2.914	1179362	2604.83	45.7	817.34	85693	492.8131 ng/ml
O-desmethyl-tramadol	3.369	11971158	574422.25	5.3	506.23	1326126	523.8209 ng/ml
o-desmethylvenlafaxine	4.054	9402808	58989.78	18.4	17847.43	16033	511.2508 ng/ml
Olanzapine	4.346	1934581	3152.59	56.7	3792.61	91368	507.4494 ng/ml
Oxazepam	5.749	644935	18926.24	75.6	1525.43	81615	445.0971 ng/ml
Oxycodone	2.838	3989927	37531.14	28.5	6083.70	309024	495.4817 ng/ml
Oxymorphone	1.413	1037289	1572.34	45.3	410.97	80438	482.4373 ng/ml
Phentermine	3.778	1965780	11062.73	7.0	325.23	593035	410.1713 ng/ml
Promethazine	5.537	8188931	247905.51	29.4	1177.61	759339	525.1342 ng/ml
Pseudoephedrine	2.606	11688551	186279.60	15.5	119.16	918316	524.9159 ng/ml
Quetiapine	5.512	6527098	265178.70	59.8	88620.39	211748	456.7116 ng/ml
Sertraline	5.769	788134	11214.88	94.3	12457.97	68535	505.1457 ng/ml
Temazepam	5.824	1926722	1684.14	27.2	5321.31	176985	460.5107 ng/ml
Tramadol	4.232	9667028	∞	3.4	∞	971508	515.4498 ng/ml
Trazodone	5.054	6297364	67258.78	67.6	94403.52	631386	361.4363 ng/ml
Venlafaxine	5.037	9774071	341301.99	35.0	899.43	1008393	518.9253 ng/ml
Xylazine	4.070	3962381	114539.51	49.2	34467.61	355086	508.1639 ng/ml
Zolpidem	4.824	12343389	178741.23	26.6	291825.73	949135	509.9907 ng/ml



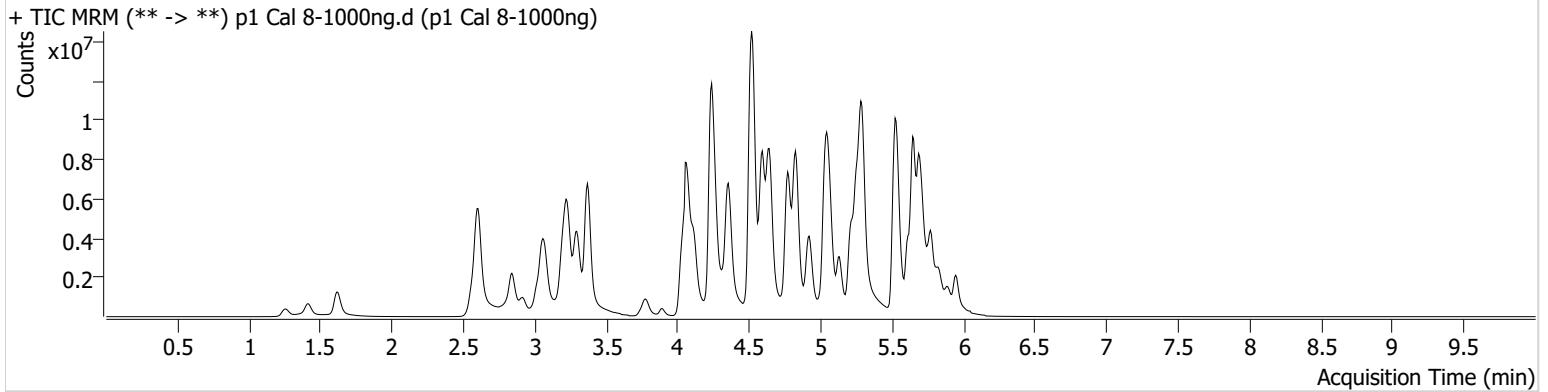
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\022924 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 3/7/2024 9:22:47 AM

Instrument Falco (069901) Data File p1 Cal 8-1000ng.d
Type Cal Sample p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-H1 Comment
Injection Volume 2
Acq. Date-Time 3/1/2024 2:06:04 AM
Sample Info.

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	203521	428722.33	70.4	237876.36	53347	109.2626 ng/ml
7-aminoclonazepam	4.271	534417	8780.50	78.2	632.31	29739	910.5519 ng/ml
9-hydroxyrisperidone	4.637	554677	1766.16	3870.7	259493.45	826316	1020.6798 ng/ml
a-hydroxyalprazolam	5.698	259556	271.04	65.3	1442.67	10556	1073.3731 ng/ml
alpha-PHP	4.922	3084773	23431.31	262.8	220786.34	402226	1083.4525 ng/ml
alpha-PVP	4.356	11050845	158090.80	51.1	41138.64	402226	1057.4102 ng/ml
Alprazolam	5.775	3098947	132.40	101.2	321.64	119312	1079.8499 ng/ml
Amphetamine	3.069	9833951	55747.01	43.4	38671.16	225844	671.6272 ng/ml
Benzoylcegonine	3.889	454271	17261.07	34.7	675.83	15273	1023.8390 ng/ml
Bromazolam	5.807	990659	455795.83	116.5	807915.15	49439	936.4422 ng/ml
Buprenorphine	5.669	158759	180135.58	14.2	29153.70	45392	111.9524 ng/ml
Bupropion	4.772	12928917	276019.79	65.0	135351.83	398927	934.5480 ng/ml
Carisoprodol	5.723	2422161	67908.58	56.4	54065.93	89776	1050.2173 ng/ml
Citalopram	5.220	6091489	350.10	35.8	26820.50	231233	1054.8653 ng/ml
Clonazepam	5.604	989166	18961.67	34.5	15080.40	22766	696.1396 ng/ml
Clonazolam	5.561	1553971	451216.04	34.9	504271.29	22766	954.4558 ng/ml
Cocaine	4.257	5952206	27532.40	52.7	255323.76	477645	1036.1931 ng/ml
Codeine	2.582	520138	165.73	98.3	4757.01	38081	839.2895 ng/ml
Cyclobenzaprine	5.613	6668042	55966.74	6.8	822.06	265631	1072.0158 ng/ml
Dextromethorphan	5.264	3861846	315.37	77.3	31886.36	185132	1004.7873 ng/ml
Dextrorphan	4.116	2852075	90627.18	225.7	599.68	340526	1016.5706 ng/ml
Diazepam	5.947	2833979	147.64	93.6	169.97	140130	965.7358 ng/ml
Dihydrocodeine	2.554	2092541	657.39	59.7	20770.44	178794	740.2130 ng/ml
Diphenhydramine	5.292	21158591	233.95	30.5	46831.88	1002726	1007.7296 ng/ml
Doxylamine	4.522	25455951	210870.34	96.5	166217.36	1149589	960.9102 ng/ml
Duloxetine	5.633	260111	1972.05	14.8	22204.20	16509	886.2575 ng/ml
EDDP	5.256	9506388	83822.08	41.4	366.57	453020	1021.0327 ng/ml
Etizolam	5.814	1896163	865.14	24.3	111908.84	22766	1688.5697 ng/ml
Fentanyl	5.076	1113975	4960.63	79.1	29432.35	407918	130.1320 ng/ml
Fluorofentanyl	5.130	3522428	45159.26	40.9	32822.23	6328	108.7222 ng/ml
Fluoxetine	5.707	4673541	70358.08	7.5	504743.27	143880	1091.1890 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	3666546	384.78	35.4	922.63	211458	929.8232 ng/ml
Hydromorphone	1.616	2881897	19635706.67	75.0	7975014.47	92993	981.3744 ng/ml
Hydroxyzine	5.683	7504868	148698.11	82.2	78093.21	185132	1259.1355 ng/ml
Ketamine	4.028	5490185	∞	36.8	37607.50	313150	748.1242 ng/ml
Lamotrigine	4.280	299104	858.70	88.5	47197.95	674499	649.9618 ng/ml
Lorazepam	5.740	612773	8674.20	53.2	8534.64	43949	1170.3971 ng/ml
MDA	3.194	4487187	216.91	31.0	33635.96	229248	761.6815 ng/ml
MDMA	3.295	6314615	44167.61	97.0	8564.12	73452	999.1061 ng/ml
Meprobamate	4.902	937185	34802.34	31.9	9338.44	92858	466.4786 ng/ml
Methadone	5.653	15198163	1486.32	47.1	375861.65	554064	990.3864 ng/ml
Methamphetamine	3.229	14309652	104086.97	35.1	28309.95	789705	744.5301 ng/ml
Metoprolol	4.313	1318106	8886.90	103.6	1417722.82	770106	703.4707 ng/ml
Mirtazapine	4.593	15994820	282930.65	46.1	2634.59	402226	1107.3406 ng/ml
Mitragynine	5.204	3363700	1315.01	34.4	2561.17	554064	1036.8198 ng/ml
Morphine	1.254	499117	11634.35	16.9	830.16	7651	874.6369 ng/ml
Norbuprenorphine	4.985	35935	3205.80	97.8	3919.39	20345	100.0212 ng/ml
Nordiazepam	5.894	1494308	106507.23	61.6	9126.40	52329	975.4603 ng/ml
Norfentanyl	4.083	658133	9025.31	36.2	488.11	205497	130.5118 ng/ml
Norhydrocodone	3.070	853110	615.76	40.6	1080.88	38735	1170.3207 ng/ml
Noroxycodone	2.914	1872081	∞	48.2	781.79	69313	967.1018 ng/ml
O-desmethyl-tramadol	3.369	18822239	479318.56	5.4	63767.07	1056041	1033.6706 ng/ml
o-desmethylvenlafaxine	4.054	11307530	121682.22	19.1	327.04	9603	1026.0432 ng/ml
Olanzapine	4.346	3025213	46348.24	58.4	966.70	81669	887.6068 ng/ml
Oxazepam	5.749	734402	9438.79	69.9	13652.70	43949	941.7477 ng/ml
Oxycodone	2.838	6848624	18211.94	28.4	2193.67	273720	960.0522 ng/ml
Oxymorphone	1.413	1842737	255.88	44.8	4821.03	69695	989.1173 ng/ml
Phentermine	3.778	2929871	∞	7.0	2390.81	518837	699.3227 ng/ml
Promethazine	5.537	13420327	65382.59	29.6	157334.10	595229	1097.0013 ng/ml
Pseudoephedrine	2.606	17728673	93.53	15.4	36158.16	674499	1083.1739 ng/ml
Quetiapine	5.505	9187473	214534.87	61.0	82183.88	186111	731.6124 ng/ml
Sertraline	5.769	1114602	31011.88	97.8	28806.53	46726	1047.0258 ng/ml
Temazepam	5.831	2106488	304.33	26.5	6629.83	80121	1111.2656 ng/ml
Tramadol	4.232	13241146	∞	3.7	704.52	770106	890.4916 ng/ml
Trazodone	5.054	8968074	142781.44	69.4	269992.46	574145	566.3708 ng/ml
Venlafaxine	5.037	15327744	220372.53	34.4	12538.03	763341	1074.4796 ng/ml
Xylazine	4.070	6284701	153514.79	49.2	9479.93	280291	1020.6518 ng/ml
Zolpidem	4.824	19179614	376835.40	27.2	271.72	802714	936.7917 ng/ml