

Worklist: 6667

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-5447	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-5530	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0014	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-0265	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2544	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3966	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-4002	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-4039	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0001	1	COBCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0002	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0057	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0075	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0079	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0082	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0084	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0088	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0090	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0102	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0124	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-0137	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 01/26/2024

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.

Comments:

Curve Limits:

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

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

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

Codeine- 5-500 --calibrator 8 dropped due to linearity

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

Etizolam 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 linearity
Meprobamate- 5-100 --calibrators 6, 7 and 8 dropped due to accuracy -Qualitative only
Methamphetamine 5-500 --calibrator 8 dropped due to linearity
Metoprolol 5-500 --calibrator 8 dropped due to accuracy
Norbuprenorphine 1-100 --calibrator 1 dropped due to accuracy
Norfentanyl 0.5-50 --calibrator 8 dropped due to accuracy
Phentermine 5-500 --calibrator 8 dropped due to linearity
Trazodone 5-500 --calibrator 8 dropped due to linearity
Zolpidem 5-500 --calibrator 8 dropped due to linearity

	1	2	3	4	5
A	IS + Cal. 1	IS + QC_1	M2024-0014-1	P2024-0057-1	P2024-0124-1
B	IS + Cal. 2	IS + QC_2	M2024-0265-1	P2024-0075-1	P2024-0137-1
C	IS + Cal. 3	IS + QC_3	P2023-2544-1	P2024-0079-1	
D	IS + Cal. 4	IS + QC_4	P2023-3966-1	P2024-0082-1	
E	IS + Cal. 5	IS + QC_2	P2023-4002-1	P2024-0084-1	
F	IS + Cal. 6	Blood NEG	P2023-4039-1	P2024-0088-1	
G	IS + Cal. 7	M2023-5530-1	P2024-0001-1	P2024-0090-1	
H	IS + Cal. 8	M2023-5447-1	P2024-0002-1	P2024-0102-2	

AM #28 Multi-Drug Quant. Results



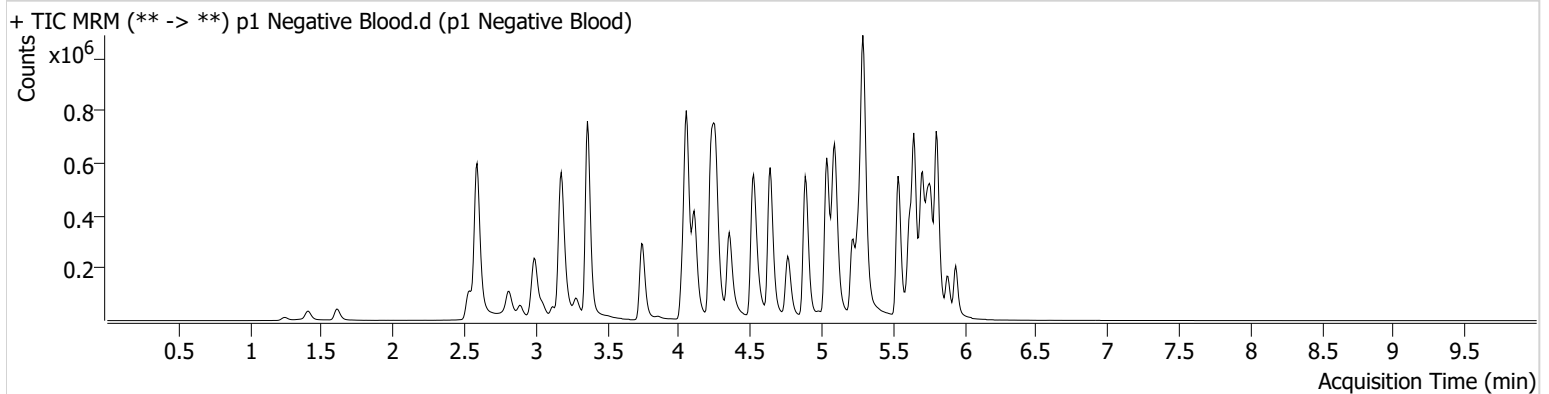
Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F2
Injection Volume 2
Acq. Date-Time 1/26/2024 10:59:30 PM
Sample Info.

Data File p1 Negative Blood.d
Sample p1 Negative Blood
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



AM #28 Multi-Drug Quant. Results



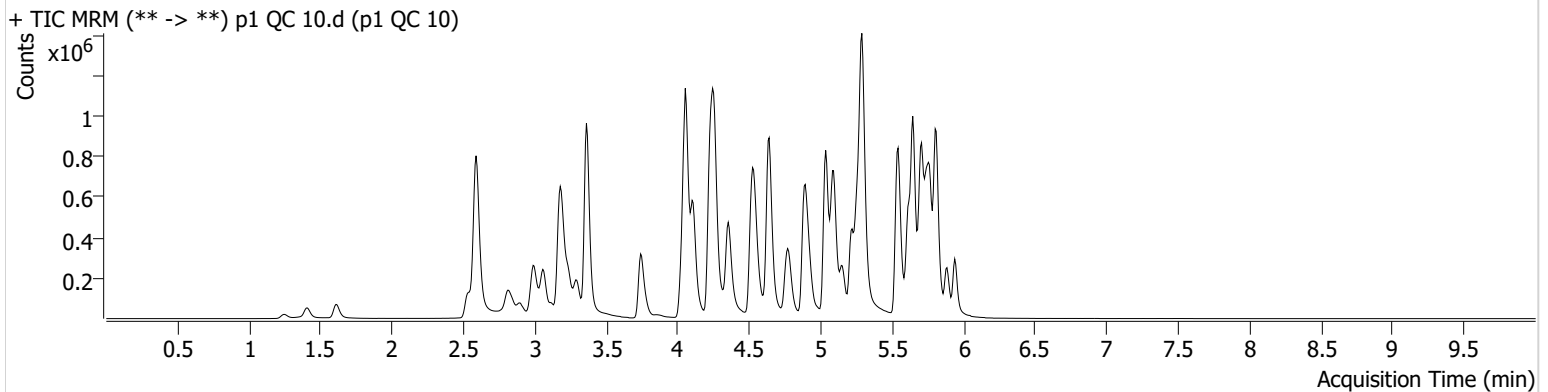
Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A2
Injection Volume 2
Acq. Date-Time 1/26/2024 9:55:43 PM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.129	3415	4964.88	77.9	1861.83	110435	0.9877 ng/ml
7-aminoclonazepam	4.258	73809	89.64	79.7	1304.08	366584	10.5460 ng/ml
9-hydroxyrisperidone	4.644	10597	5098.56	3462.6	1991.51	1661711	9.9296 ng/ml
a-hydroxyalprazolam	5.692	31241	591.78	68.5	235.62	164320	9.8187 ng/ml
alpha-PHP	4.929	59333	925.20	267.6	7392.08	948396	9.8706 ng/ml
alpha-PVP	4.363	216011	358.59	47.8	3350.49	948396	9.3783 ng/ml
Alprazolam	5.769	117381	248.99	116.0	371.06	594185	9.1833 ng/ml
Amphetamine	3.067	344781	2229.24	48.8	2464.23	524620	10.2911 ng/ml
Benzoylcegonine	3.882	4725	50.64	36.3	54.94	16947	9.7261 ng/ml
Bromazolam	5.807	55412	54212.57	121.0	96697.44	255942	9.5890 ng/ml
Buprenorphine	5.826	5450	762.51	14.4	625.96	206216	0.9915 ng/ml
Bupropion	4.785	225344	327.94	68.2	223.59	696738	9.0776 ng/ml
Carisoprodol	5.716	138665	4807.90	57.3	∞	605102	9.4381 ng/ml
Citalopram	5.220	166794	2911.00	37.1	1772.26	827149	9.0025 ng/ml
Clonazepam	5.604	123204	646.29	35.1	353.15	179715	10.3350 ng/ml
Clonazolam	5.547	104765	8690.67	34.4	26591.44	179715	10.2704 ng/ml
Cocaine	4.257	155676	5808.47	52.2	996.58	1330096	9.7540 ng/ml
Codeine	2.589	17382	47.10	106.2	5003.11	102437	10.5083 ng/ml
Cyclobenzaprine	5.620	168830	177.94	8.9	73.43	811557	9.5626 ng/ml
Dextromethorphan	5.271	110973	2826.14	80.3	69.18	587808	9.1914 ng/ml
Dextrorphan	4.109	73127	182821.65	210.6	292.63	937820	9.5194 ng/ml
Diazepam	5.947	86349	1806.71	90.4	3635.59	415337	10.0334 ng/ml
Dihydrocodeine	2.568	51579	2771.70	60.2	45.07	314888	9.7984 ng/ml
Diphenhydramine	5.298	424144	7893.45	29.8	7386.29	2620010	8.1327 ng/ml
Doxylamine	4.539	422702	6121.60	100.0	3987.59	1999634	9.9309 ng/ml
Duloxetine	5.647	14983	274.33	12.5	116.77	90565	9.1346 ng/ml
EDDP	5.256	145747	262.82	42.5	1635.40	821531	9.3387 ng/ml
Etizolam	5.807	51003	54253.80	25.6	10166.89	179715	9.1086 ng/ml
Fentanyl	5.096	16726	1587.18	86.2	1036.60	968192	0.9377 ng/ml
Fluorofentanyl	5.158	43046	750.41	39.1	6246.59	8134	0.9051 ng/ml
Fluoxetine	5.700	166912	192.87	7.6	77.73	651139	9.4663 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	69635	97.24	31.9	28.87	384004	9.5332 ng/ml
Hydromorphone	1.616	45587	1083.00	74.0	2883.88	158837	9.4548 ng/ml
Hydroxyzine	5.697	186124	3879.42	75.2	7708.32	587808	9.1306 ng/ml
Ketamine	4.041	143895	237.63	37.2	325.06	642638	9.8681 ng/ml
Lamotrigine	4.273	14663	419.44	77.8	15314.05	1970909	96.5500 ng/ml
Lorazepam	5.740	102466	501.62	43.9	173.30	736115	10.4821 ng/ml
MDA	3.201	203213	1594.59	34.2	1514.43	725079	10.6496 ng/ml
MDMA	3.295	142697	1570.29	92.8	802.93	178195	9.4837 ng/ml
Meprobamate	4.909	59349	1117.62	32.2	1103.20	261941	9.7417 ng/ml
Methadone	5.652	328897	3567.30	46.4	478.75	1414741	9.0308 ng/ml
Methamphetamine	3.243	321669	429.22	39.4	216.98	1269620	9.5158 ng/ml
Metoprolol	4.320	43599	245.17	103.4	1365.84	1704285	9.9738 ng/ml
Mirtazapine	4.627	313672	3807.20	49.0	525.65	948396	10.0224 ng/ml
Mitragynine	5.232	63171	51339.79	35.0	52911.10	1414741	9.5695 ng/ml
Morphine	1.254	9090	393.46	31.0	583.09	17900	9.9407 ng/ml
Norbuprenorphine	4.992	892	1184.63	99.1	1618.49	36282	1.1573 ng/ml
Nordiazepam	5.887	91453	304.73	58.2	226773.21	315624	9.7347 ng/ml
Norfentanyl	4.076	31471	1255.97	38.2	345.24	1485207	0.9615 ng/ml
Norhydrocodone	3.070	13672	52.78	36.0	54.28	98661	8.5746 ng/ml
Noroxycodone	2.914	43860	289.89	46.2	630.64	164862	10.0343 ng/ml
O-desmethyl-tramadol	3.369	335990	6255.23	5.6	3388.20	2152326	9.3522 ng/ml
o-desmethylvenlafaxine	4.061	422340	18829.43	18.7	54.48	41111	9.0686 ng/ml
Olanzapine	4.475	8501	300.83	59.7	157.70	22791	8.7325 ng/ml
Oxazepam	5.749	138466	1318.03	73.9	117.41	736115	9.9103 ng/ml
Oxycodone	2.838	115377	158.87	27.9	413.32	451421	9.6067 ng/ml
Oxymorphone	1.413	34352	2555.84	45.8	350.55	141715	9.3505 ng/ml
Phentermine	3.778	84713	392.52	7.9	36.00	906109	10.2407 ng/ml
Promethazine	5.544	230322	520.69	31.7	396.98	1246643	9.5813 ng/ml
Pseudoephedrine	2.599	422209	632.88	16.8	1350.18	1970909	9.6285 ng/ml
Quetiapine	5.547	248279	13415.31	54.4	4794.35	350673	10.3927 ng/ml
Sertraline	5.776	43101	122.45	100.8	292.83	209648	9.5699 ng/ml
Temazepam	5.817	247628	1214.00	27.6	165.21	1118066	10.0173 ng/ml
Tramadol	4.238	330079	346.39	3.5	79.88	1704285	9.8915 ng/ml
Trazodone	5.150	300894	7441.77	58.8	83.96	978858	10.1554 ng/ml
Venlafaxine	5.037	307100	11366.53	36.6	1253.99	1782007	9.3207 ng/ml
Xylazine	4.076	131125	1271.21	42.1	406.97	617184	9.9229 ng/ml
Zolpidem	4.907	337046	2263.49	28.3	418.38	1341599	9.7521 ng/ml



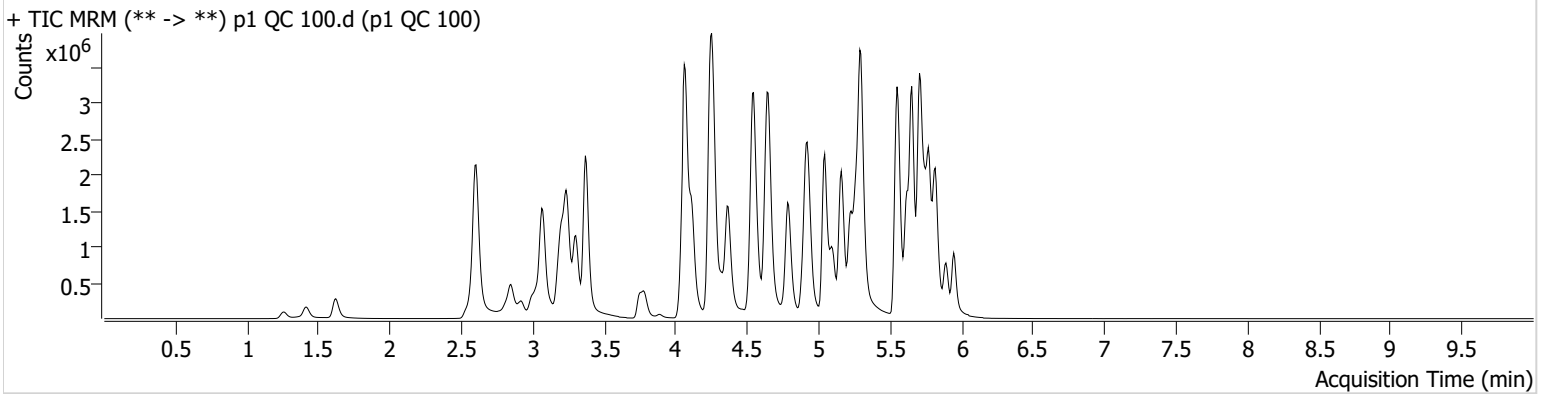
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 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 1/27/2024 6:47:14 AM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.136	34696	12221.69	78.4	56051.37	111431	9.3595 ng/ml
7-aminoclonazepam	4.264	620822	100.62	79.3	28034.64	292946	108.9383 ng/ml
9-hydroxyrisperidone	4.651	103038	6702.73	3637.2	3862509.49	1619369	94.4344 ng/ml
a-hydroxyalprazolam	5.692	247594	1073.30	66.2	727.35	122429	110.9895 ng/ml
alpha-PHP	4.936	583050	2540.20	258.1	20221.37	920955	102.5914 ng/ml
alpha-PVP	4.370	2166844	91512.17	50.4	1076.26	920955	91.4089 ng/ml
Alprazolam	5.775	1085069	704.55	113.3	893.31	503882	94.4255 ng/ml
Amphetamine	3.067	3077777	1249.87	47.3	1384.47	509475	103.2452 ng/ml
Benzoylcegonine	3.889	48644	224.38	35.5	101.15	17006	94.3349 ng/ml
Bromazolam	5.814	443343	471187.65	123.5	387887.34	208674	95.8974 ng/ml
Buprenorphine	5.833	51597	25606.14	15.7	11223.20	186359	10.1636 ng/ml
Bupropion	4.792	2380061	99975.38	67.1	122009.54	712345	91.6670 ng/ml
Carisoprodol	5.723	1050280	27854.50	60.1	7712.12	445308	92.5384 ng/ml
Citalopram	5.220	1697594	35858.78	37.1	279516.12	790741	87.4717 ng/ml
Clonazepam	5.611	907506	9970.21	35.3	10249.31	141258	101.6466 ng/ml
Clonazolam	5.554	780833	37081.57	36.0	135854.91	141258	100.5352 ng/ml
Cocaine	4.264	1556287	387405.98	51.1	152838.28	1285667	98.7982 ng/ml
Codeine	2.589	153247	171.22	105.7	62.55	97407	97.9151 ng/ml
Cyclobenzaprine	5.620	1807406	371002.82	8.3	4522.89	831939	93.9530 ng/ml
Dextromethorphan	5.277	1099933	116115.57	80.9	621219.35	580369	91.3863 ng/ml
Dextrorphan	4.116	692063	34859.25	214.2	32144.85	872448	94.0303 ng/ml
Diazepam	5.947	801058	6230.99	91.4	2533.16	380379	99.9451 ng/ml
Dihydrocodeine	2.568	504768	20105.44	60.4	423.40	314833	101.5100 ng/ml
Diphenhydramine	5.298	4445658	45201.42	29.2	187609.58	2592414	79.9711 ng/ml
Doxylamine	4.545	4421357	1347.59	100.2	2312.66	1989835	98.4263 ng/ml
Duloxetine	5.647	168316	2650.97	12.4	235.49	97659	94.1112 ng/ml
EDDP	5.263	1236720	25443.85	42.1	1054.52	692852	89.9509 ng/ml
Etizolam	5.814	436954	10086.56	27.8	179695.86	141258	89.8155 ng/ml
Fentanyl	5.104	188818	148.36	79.0	322.99	1005280	9.8516 ng/ml
Fluorofentanyl	5.158	465349	6223.20	40.1	80559.64	8502	8.7113 ng/ml
Fluoxetine	5.707	1714102	40473.68	7.3	2504.81	671465	91.1949 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	682912	616.70	33.5	2025.82	377614	98.2126 ng/ml
Hydromorphone	1.622	453505	1079898.89	74.1	618.77	155774	93.2948 ng/ml
Hydroxyzine	5.704	1904202	2464.36	80.0	1754129.08	580369	90.5816 ng/ml
Ketamine	4.048	1362079	4307428.12	37.1	708.56	634444	98.8083 ng/ml
Lamotrigine	4.280	132513	574.06	87.0	81140.23	1846572	969.4799 ng/ml
Lorazepam	5.740	506336	564.29	49.9	1349.61	446467	92.2497 ng/ml
MDA	3.208	1688723	14755.72	33.9	7371.32	650750	104.6521 ng/ml
MDMA	3.302	1400257	1158492.76	96.1	4224.44	171179	93.4132 ng/ml
Meprobamate	4.916	447059	3942.47	32.6	5592.48	238461	83.7872 ng/ml
Methadone	5.652	3595526	1109.04	44.6	23968.17	1350373	94.6985 ng/ml
Methamphetamine	3.243	3265112	9713.42	38.8	8486.99	1277706	98.4704 ng/ml
Metoprolol	4.327	430592	671392.32	103.6	5361.40	1688016	100.3801 ng/ml
Mirtazapine	4.634	3098516	12814.54	49.3	81514.87	920955	103.5008 ng/ml
Mitragynine	5.232	656443	248737.97	34.0	1052.77	1350373	99.6820 ng/ml
Morphine	1.261	90121	551.16	29.6	6765.80	17457	100.6031 ng/ml
Norbuprenorphine	4.992	7072	23040.16	95.9	9066.60	39628	9.2781 ng/ml
Nordiazepam	5.894	766242	792.05	59.3	1105.42	261569	100.6556 ng/ml
Norfentanyl	4.083	278003	201.99	38.1	2585.50	1242353	9.3339 ng/ml
Norhydrocodone	3.070	153153	200.80	38.0	171.10	90508	88.2854 ng/ml
Noroxycodone	2.920	422274	2163.04	47.4	345.92	148520	105.0496 ng/ml
O-desmethyl-tramadol	3.376	3476925	125344.78	5.9	17481.51	2110460	92.9944 ng/ml
o-desmethylvenlafaxine	4.061	4291350	201779.41	17.1	2132.34	37363	98.2994 ng/ml
Olanzapine	4.476	110164	1564.49	52.5	341.34	26046	95.9789 ng/ml
Oxazepam	5.749	830534	7540.71	72.3	1711.16	446467	101.8422 ng/ml
Oxycodone	2.845	1156800	2719.71	28.1	505.30	450349	96.5100 ng/ml
Oxymorphone	1.413	309233	∞	45.8	∞	132487	89.7416 ng/ml
Phentermine	3.785	796079	292.08	7.2	4693.42	914632	101.4681 ng/ml
Promethazine	5.544	2456205	215685.01	32.3	414.72	1219982	97.4697 ng/ml
Pseudoephedrine	2.606	4133472	129971.20	16.8	656.68	1846572	93.3686 ng/ml
Quetiapine	5.554	2325107	1079254.42	58.6	39110.58	358171	100.2845 ng/ml
Sertraline	5.776	525107	22208.47	93.8	12663.27	230566	99.6512 ng/ml
Temazepam	5.817	1728070	682.30	27.4	4356.71	734075	101.5250 ng/ml
Tramadol	4.245	3207915	∞	3.6	65.71	1688016	98.9336 ng/ml
Trazodone	5.157	2976320	2895994.68	63.1	2851.35	1033109	97.3775 ng/ml
Venlafaxine	5.044	3128554	53532.07	36.0	903.65	1756581	89.9668 ng/ml
Xylazine	4.083	1268331	1248392.13	46.9	2480.06	600862	94.5220 ng/ml
Zolpidem	4.913	3528051	2327634.14	27.2	304129.96	1385313	98.3559 ng/ml

AM #28 Multi-Drug Quant. Results

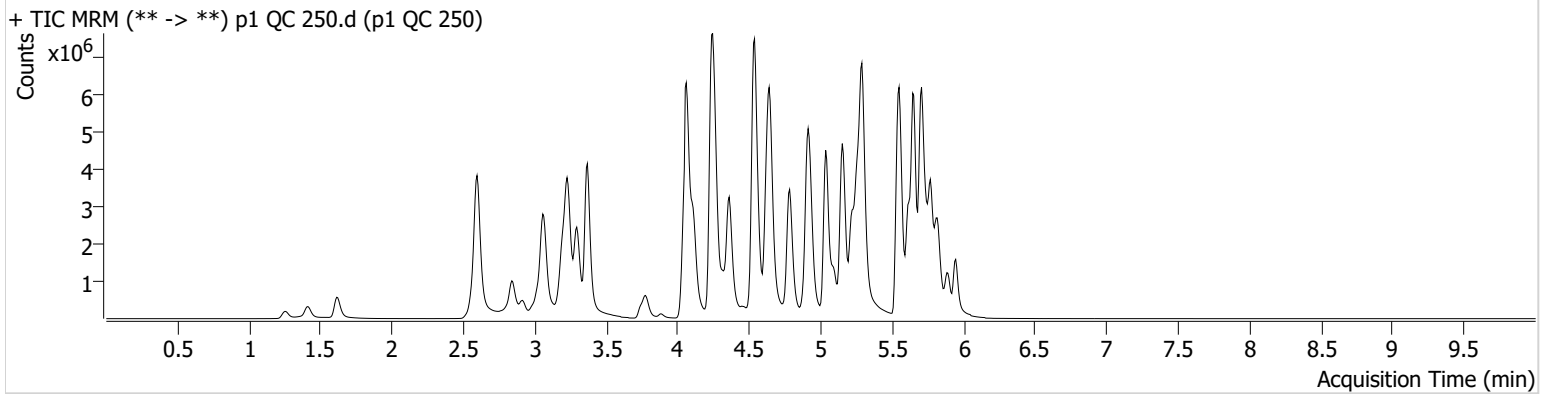


Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

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 1/26/2024 10:16:59 PM
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	80306	32637.30	76.3	226608.85	96308	24.9566 ng/ml
7-aminoclonazepam	4.264	1037961	32982.52	78.3	18593.89	203856	261.4292 ng/ml
9-hydroxyrisperidone	4.644	237342	4970.51	3831.6	6740.52	1429515	245.5818 ng/ml
a-hydroxyalprazolam	5.685	366053	426.14	68.1	462.02	84340	238.9762 ng/ml
alpha-PHP	4.929	1285550	9824.15	257.8	13178.76	839287	248.6327 ng/ml
alpha-PVP	4.363	5164089	362618.32	49.5	2643.60	839287	238.0996 ng/ml
Alprazolam	5.769	2120221	571.03	114.2	1091.29	377563	245.3146 ng/ml
Amphetamine	3.060	5874750	1271.26	45.6	21797.34	468231	215.5665 ng/ml
Benzoylcegonine	3.882	121103	157.43	35.6	2976.38	16710	238.1083 ng/ml
Bromazolam	5.807	769554	503572.18	125.4	1295842.51	146401	237.5641 ng/ml
Buprenorphine	5.826	122209	69326.94	14.6	26385.59	171312	26.1500 ng/ml
Bupropion	4.785	5492681	159768.24	67.2	125843.55	654859	229.7772 ng/ml
Carisoprodol	5.723	1710707	851.72	60.6	1800.27	284998	234.7463 ng/ml
Citalopram	5.214	3729616	125645.54	35.9	9683711.87	667949	226.1146 ng/ml
Clonazepam	5.604	1431694	20863.64	35.2	7588.90	99533	228.2920 ng/ml
Clonazolam	5.554	1124115	70175.31	37.1	338942.63	99533	205.7945 ng/ml
Cocaine	4.257	3373351	777.20	51.2	638.61	1108256	248.0956 ng/ml
Codeine	2.582	303436	6548.27	100.8	190.04	85056	222.1028 ng/ml
Cyclobenzaprine	5.620	4022732	40018.81	8.1	10873.79	695676	249.0292 ng/ml
Dextromethorphan	5.271	2360723	500.69	78.5	694.99	498579	228.1663 ng/ml
Dextrorphan	4.109	1522284	1145.73	215.1	99361.34	742268	242.6210 ng/ml
Diazepam	5.947	1634511	452.13	91.9	330.51	316118	245.1187 ng/ml
Dihydrocodeine	2.561	1088513	9592.90	61.6	439.32	291704	237.1050 ng/ml
Diphenhydramine	5.292	10019804	95770.42	29.3	48343.49	2225722	208.8905 ng/ml
Doxylamine	4.539	11361414	273390.08	95.1	3583.54	1891260	265.0380 ng/ml
Duloxetine	5.647	313609	25305.25	13.5	955.23	76685	223.1544 ng/ml
EDDP	5.256	3545900	16400.17	41.5	3082534.20	763670	233.2805 ng/ml
Etizolam	5.807	875853	3482.97	28.0	6255.23	99533	253.7367 ng/ml
Fentanyl	5.096	461956	148.33	80.5	427.80	987166	24.4930 ng/ml
Fluorofentanyl	5.158	1068071	21036.55	41.2	17383.96	7489	22.5857 ng/ml
Fluoxetine	5.707	3281174	31064.53	7.2	217.56	499910	233.9340 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	1550820	786.64	35.2	396.37	349610	241.4039 ng/ml
Hydromorphone	1.616	1062412	12584.82	74.6	5314421.01	142081	239.1740 ng/ml
Hydroxyzine	5.704	4267294	410041.83	83.1	1188.93	498579	235.5998 ng/ml
Ketamine	4.041	2862298	57932.16	36.5	18446.26	571476	231.1669 ng/ml
Lamotrigine	4.280	262841	13740.42	86.1	58988.75	1523068	2337.6200 ng/ml
Lorazepam	5.740	648207	21775.66	49.8	559.86	235530	225.2304 ng/ml
MDA	3.201	3225914	61319.85	31.9	9585.72	534077	244.5580 ng/ml
MDMA	3.295	3160938	22972.73	96.5	6823.25	149199	241.3387 ng/ml
Meprobamate	4.909	731343	10497.28	31.8	9632.38	198099	165.4176 ng/ml
Methadone	5.652	8140763	148532.29	44.3	86362.35	1192038	241.5827 ng/ml
Methamphetamine	3.236	7400480	537.09	38.1	36705.65	1212413	235.5864 ng/ml
Metoprolol	4.320	923170	1530576.12	105.6	65464.86	1510461	240.6528 ng/ml
Mirtazapine	4.627	6960711	183269.71	48.0	148446.89	839287	255.3828 ng/ml
Mitragynine	5.232	1498471	9231.39	35.4	407707.38	1192038	257.0478 ng/ml
Morphine	1.254	212768	2387.12	29.2	6819.94	16771	247.1655 ng/ml
Norbuprenorphine	4.985	16068	38.08	98.2	15562.36	37293	22.6001 ng/ml
Nordiazepam	5.894	1290985	1004.44	63.8	1251.19	192603	230.6281 ng/ml
Norfentanyl	4.076	523358	19981.63	39.0	∞	867132	25.0297 ng/ml
Norhydrocodone	3.064	366438	231.45	39.0	162.58	78431	241.1795 ng/ml
Noroxycodone	2.914	904912	13910.49	48.3	1125.08	131604	253.7313 ng/ml
O-desmethyl-tramadol	3.369	8402485	201262.88	5.8	14691.01	1934843	244.1554 ng/ml
o-desmethylvenlafaxine	4.061	8433463	158433.57	17.3	4441.34	28903	249.2632 ng/ml
Olanzapine	4.462	336676	1235.64	55.7	1604.41	32759	232.7945 ng/ml
Oxazepam	5.749	1022219	5945.98	74.5	2258.44	235530	238.1813 ng/ml
Oxycodone	2.838	2716065	2629.89	28.5	1982.50	422307	241.6370 ng/ml
Oxymorphone	1.413	731660	∞	47.6	∞	120231	233.9236 ng/ml
Phentermine	3.778	1554460	∞	7.6	2419.29	835587	217.7128 ng/ml
Promethazine	5.537	6192076	2304.34	31.3	1120.19	1166863	255.7594 ng/ml
Pseudoephedrine	2.599	9008680	217361.71	16.4	1405.88	1523068	245.4550 ng/ml
Quetiapine	5.553	4942645	2926365.30	58.9	2011318.43	315497	242.8806 ng/ml
Sertraline	5.776	1023429	873.90	93.1	382.95	175447	254.2502 ng/ml
Temazepam	5.824	2463101	13073.64	28.0	405.86	399029	265.3794 ng/ml
Tramadol	4.238	7292181	2669.77	3.7	∞	1510461	251.6584 ng/ml
Trazodone	5.150	6817525	312776.13	65.4	2686.46	1014470	227.5001 ng/ml
Venlafaxine	5.037	7656444	120665.59	33.7	582.22	1577533	243.9875 ng/ml
Xylazine	4.076	2798287	86927.78	49.2	37004.25	513408	243.3449 ng/ml
Zolpidem	4.907	8130606	2629318.76	27.1	4023727.96	1327622	236.4392 ng/ml

AM #28 Multi-Drug Quant. Results

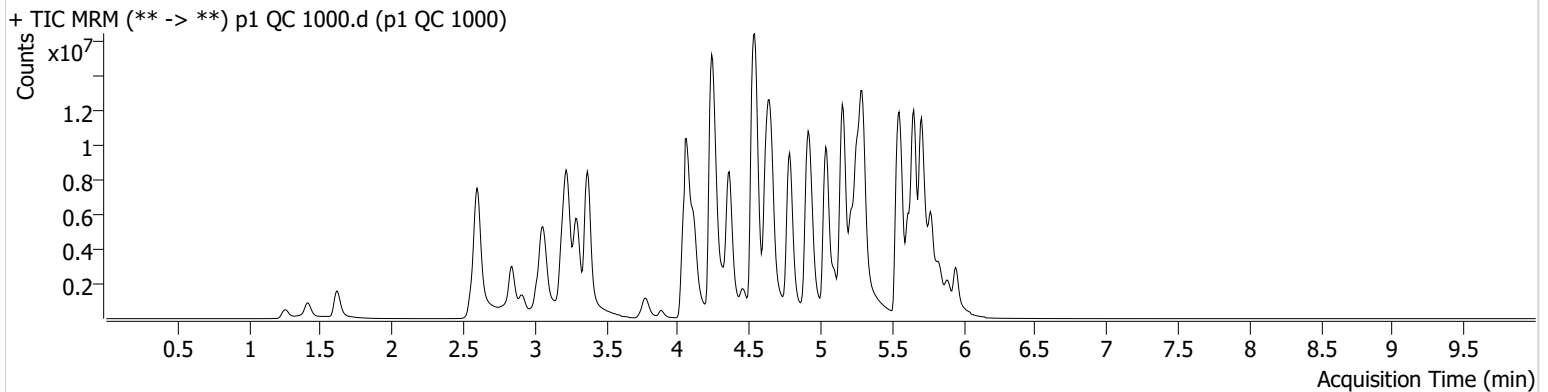


Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

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 1/26/2024 10:38:13 PM
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	274841	704.73	71.4	340309.99	79096	103.7943 ng/ml
7-aminoclonazepam	4.271	1070798	11526.55	78.0	19296.14	61236	897.3050 ng/ml
9-hydroxyrisperidone	4.644	622275	410226.11	3772.6	567201.01	897336	1024.0963 ng/ml
a-hydroxyalprazolam	5.685	484877	687.01	68.0	400.18	32797	815.6608 ng/ml
alpha-PHP	4.936	3021734	35962.00	266.1	1932.85	609405	805.5421 ng/ml
alpha-PVP	4.363	15755791	609617.04	49.7	157881.39	609405	998.6060 ng/ml
Alprazolam	5.769	4204196	110.30	100.4	137.25	177166	1034.8021 ng/ml
Amphetamine	3.060	12141165	88196.70	45.8	125664.94	334416	625.7718 ng/ml
Benzoylcegonine	3.882	480342	84149.79	36.0	512.77	17072	922.7202 ng/ml
Bromazolam	5.814	1263919	927840.26	128.7	1429506.53	64338	888.4082 ng/ml
Buprenorphine	5.833	324444	312419.19	15.1	36448.52	99883	118.9871 ng/ml
Bupropion	4.785	17151238	1009.95	65.8	683.89	535513	876.7598 ng/ml
Carisoprodol	5.723	2406419	140759.04	60.5	2522.45	90331	1040.1333 ng/ml
Citalopram	5.214	8195595	∞	36.6	58259.32	359925	919.4260 ng/ml
Clonazepam	5.597	1670646	15278.29	34.7	56751.78	40158	661.3533 ng/ml
Clonazolam	5.568	1252357	634521.58	37.9	585838.47	40158	568.9143 ng/ml
Cocaine	4.257	8516104	282.24	48.3	507.18	638576	1086.2370 ng/ml
Codeine	2.576	664133	186.76	99.0	142.91	55434	746.0253 ng/ml
Cyclobenzaprine	5.620	9620757	1178.42	7.3	247.71	385429	1072.9057 ng/ml
Dextromethorphan	5.271	5041023	498.78	75.9	724.09	260704	931.4730 ng/ml
Dextrorphan	4.116	3848589	360831.85	220.1	222320.21	456050	997.3955 ng/ml
Diazepam	5.947	3951826	323.67	88.8	∞	190553	982.5949 ng/ml
Dihydrocodeine	2.554	2833191	359.20	63.2	21048.64	261130	690.6115 ng/ml
Diphenhydramine	5.300	23932034	228359.09	32.0	206342.04	1344814	823.8465 ng/ml
Doxylamine	4.539	31336738	222825.81	95.5	252289.89	1526203	904.3605 ng/ml
Duloxetine	5.640	410605	7578.16	13.9	22971.37	24737	905.4185 ng/ml
EDDP	5.257	12675904	41277.37	39.8	65954.18	614327	1035.1370 ng/ml
Etizolam	5.814	1863691	22968.65	28.8	448418.94	40158	1334.1185 ng/ml
Fentanyl	5.097	1765129	2485.95	77.2	3172625.83	865069	106.6795 ng/ml
Fluorofentanyl	5.158	2873047	106388.45	42.9	19815.19	5280	85.9766 ng/ml
Fluoxetine	5.707	5630919	121379.35	7.2	443198.30	202077	992.0453 ng/ml

AM #28 Multi-Drug Quant. Results

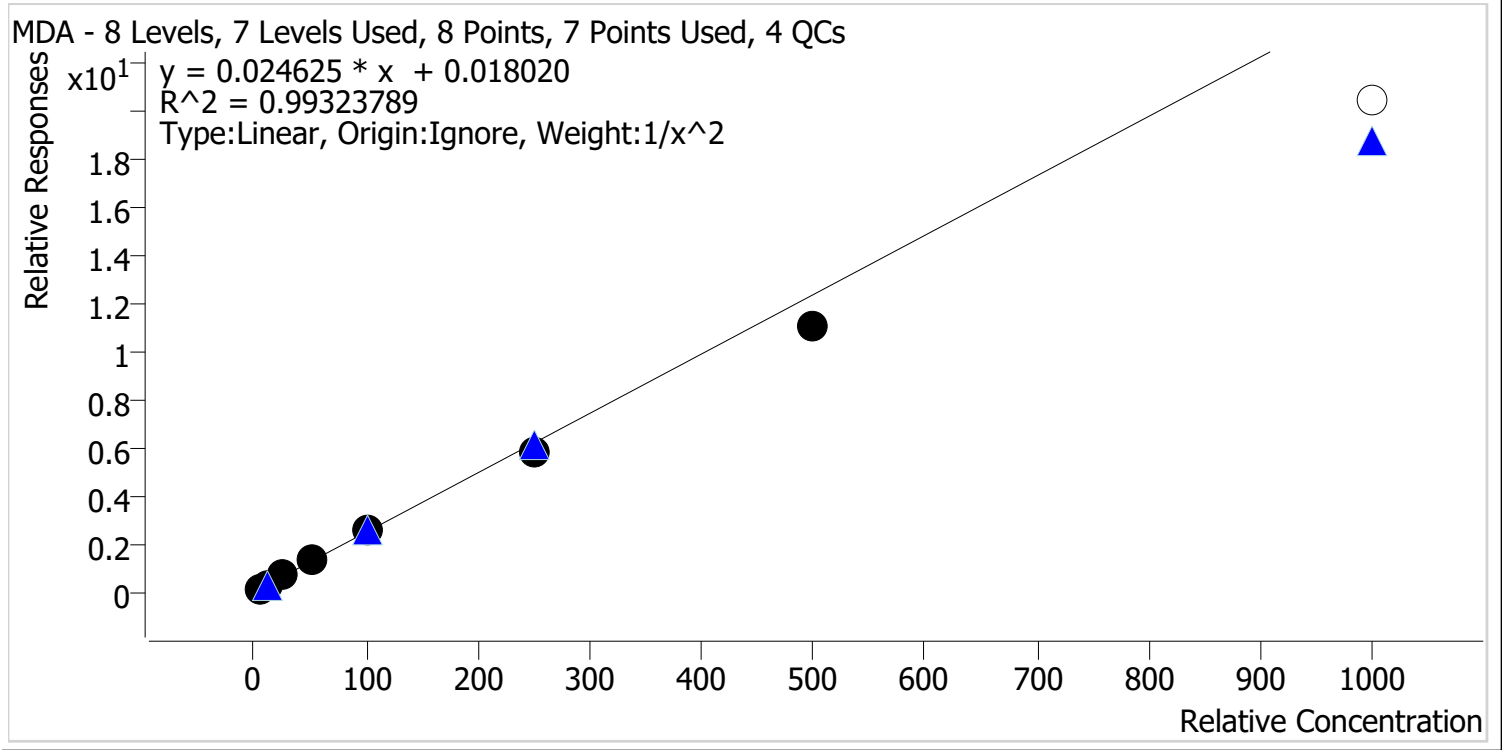


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	4837191	339.28	34.0	1085.06	299718	879.2315 ng/ml
Hydromorphone	1.616	3470035	13103385.77	74.8	5174191.34	114205	970.9876 ng/ml
Hydroxyzine	5.697	10407292	123796.70	81.9	8576870.55	260704	1097.2920 ng/ml
Ketamine	4.035	5880903	417390.69	35.6	12008.00	415803	653.6667 ng/ml
Lamotrigine	4.287	424662	18807.17	88.9	1819.33	883530	6518.5073 ng/ml
Lorazepam	5.740	869684	97490.07	48.6	4904.02	64215	1112.1326 ng/ml
MDA	3.194	6281608	4352.52	31.8	103939.00	336528	757.2870 ng/ml
MDMA	3.295	8075462	337708.70	97.9	196341.24	96365	953.5000 ng/ml
Meprobamate	4.902	932838	29437.40	31.2	∞	117990	354.7433 ng/ml
Methadone	5.652	20458399	298199.68	47.8	1868.88	761364	948.0880 ng/ml
Methamphetamine	3.229	19904511	166882.37	36.7	100426.90	1081977	710.5783 ng/ml
Metoprolol	4.320	2071085	2488778.77	106.3	1802331.50	1123524	726.0377 ng/ml
Mirtazapine	4.621	18329957	13851.03	47.4	713542.83	609405	926.6419 ng/ml
Mitragynine	5.232	3699600	111350.02	34.1	46381.35	761364	992.3108 ng/ml
Morphine	1.254	628527	2282.76	30.0	143.29	12797	956.7102 ng/ml
Norbuprenorphine	4.992	53660	247.75	102.4	97.13	29431	96.0873 ng/ml
Nordiazepam	5.894	2214297	28916.09	59.7	223552.70	84917	897.9256 ng/ml
Norfentanyl	4.083	797073	30147.67	38.9	4207.27	234554	140.5304 ng/ml
Norhydrocodone	3.064	1049949	∞	37.3	739.35	53604	1006.4385 ng/ml
Noroxycodone	2.914	2538397	2151.90	49.1	288.15	99830	937.6771 ng/ml
O-desmethyl-tramadol	3.373	22983847	335160.30	6.3	624.12	1378412	935.7543 ng/ml
o-desmethylvenlafaxine	4.054	14842413	310171.89	17.9	6402.63	11799	1073.5709 ng/ml
Olanzapine	4.455	2213846	5849.81	57.9	3549.98	47798	1048.0849 ng/ml
Oxazepam	5.749	1065476	6791.34	74.3	9468.90	64215	911.8010 ng/ml
Oxycodone	2.838	9044304	∞	27.6	3705.87	363033	935.9977 ng/ml
Oxymorphone	1.413	2501959	288.99	45.2	347.46	106318	904.4965 ng/ml
Phentermine	3.778	3727707	∞	7.4	5251.17	671768	650.8722 ng/ml
Promethazine	5.537	16753645	193112.34	31.1	362988.54	779077	1034.2998 ng/ml
Pseudoephedrine	2.599	23364751	193501.44	15.9	225599.93	883530	1094.7521 ng/ml
Quetiapine	5.554	10918046	145768.52	59.1	4260122.96	208922	811.6251 ng/ml
Sertraline	5.776	1620390	58922.47	93.1	52725.12	70950	993.6043 ng/ml
Temazepam	5.831	2872960	17386.15	27.5	2022.16	117366	1050.8634 ng/ml
Tramadol	4.239	17449396	326.09	3.8	∞	1123524	810.0551 ng/ml
Trazodone	5.150	18884008	760254.01	71.3	5223647.03	908751	704.0162 ng/ml
Venlafaxine	5.037	21304157	108754.38	34.6	67775.56	1068803	999.9243 ng/ml
Xylazine	4.070	7887191	366099.02	49.6	12363.45	357891	982.5451 ng/ml
Zolpidem	4.907	21380685	547344.26	28.1	272050.79	1110735	743.0420 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



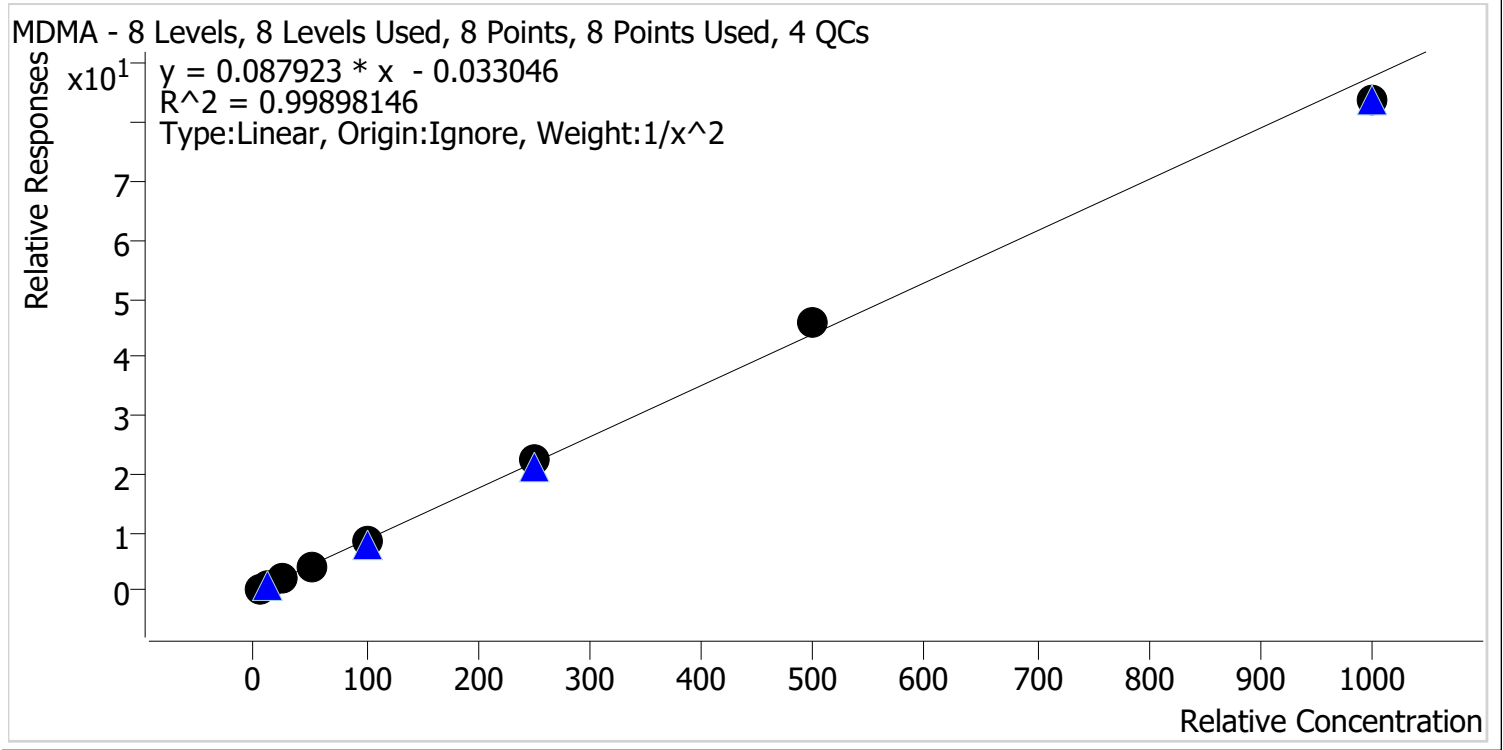
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p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	235.1	94.0
p1 Cal 7-500ng	7	✓	500.0	445.5	89.1
p1 Cal 8-1000ng	8	✗	1000.0	826.7	82.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

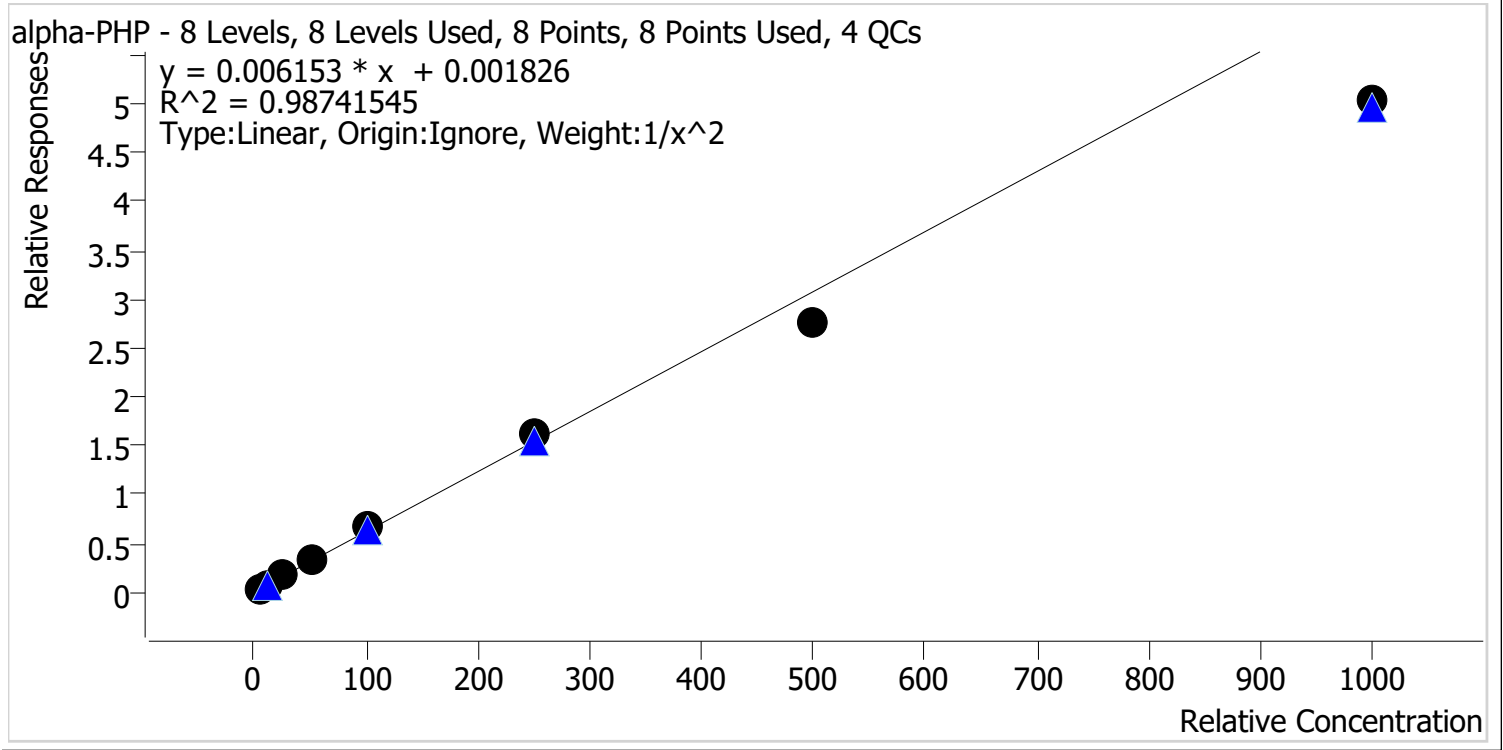


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	522.0	104.4
p1 Cal 8-1000ng	8	✓	1000.0	951.6	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

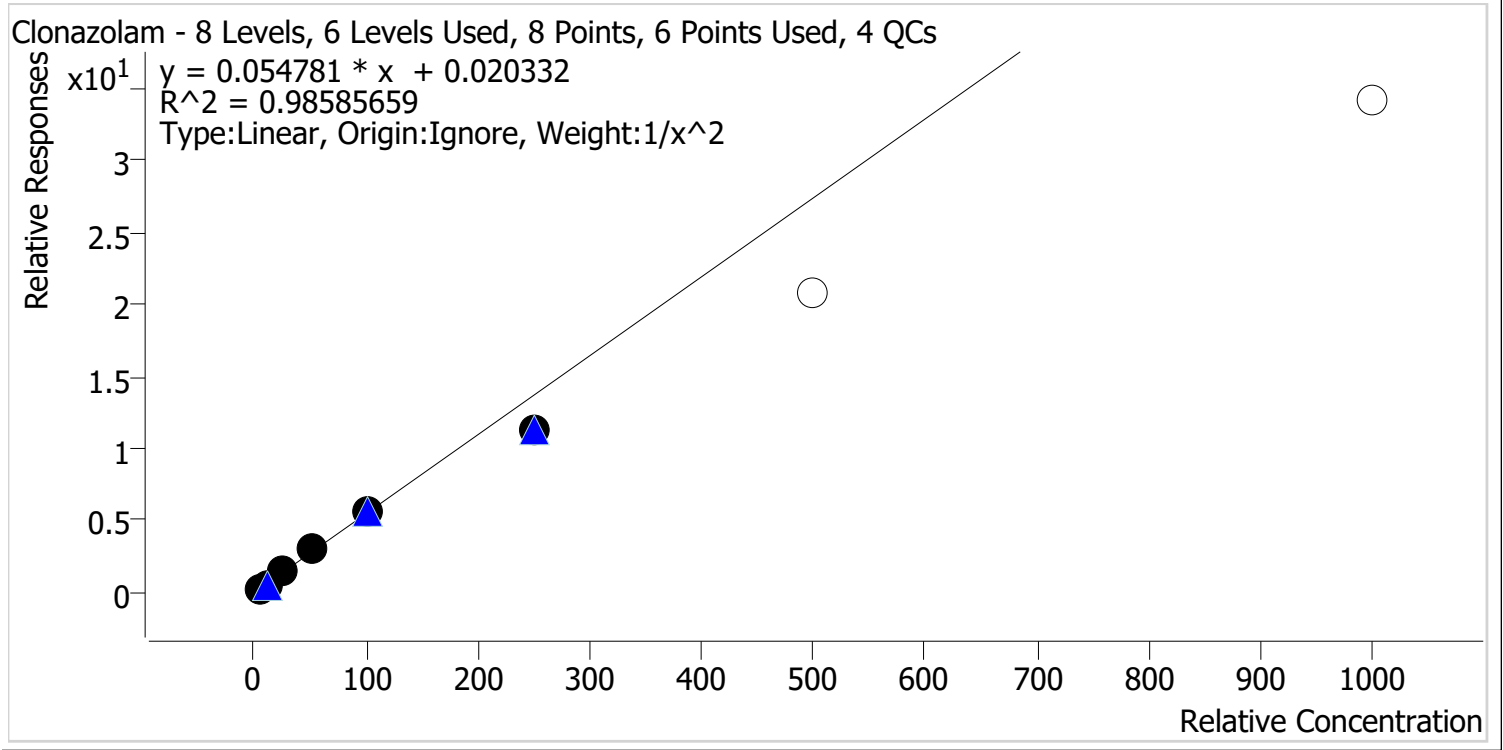


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	109.0	109.0
p1 Cal 6-250ng	6	✓	250.0	262.6	105.0
p1 Cal 7-500ng	7	✓	500.0	450.9	90.2
p1 Cal 8-1000ng	8	✓	1000.0	818.4	81.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

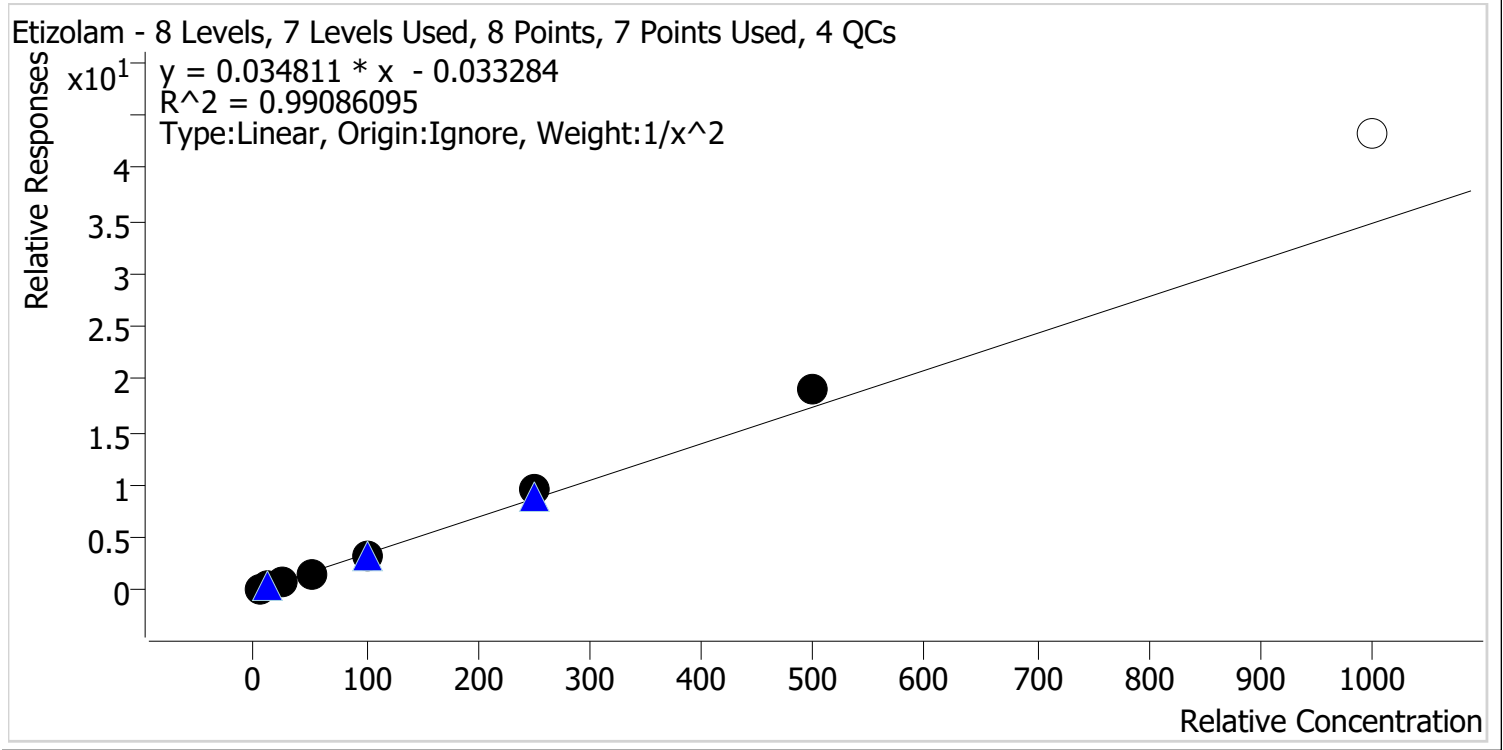


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	206.9	82.7
p1 Cal 7-500ng	7	x	500.0	379.7	75.9
p1 Cal 8-1000ng	8	x	1000.0	623.3	62.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

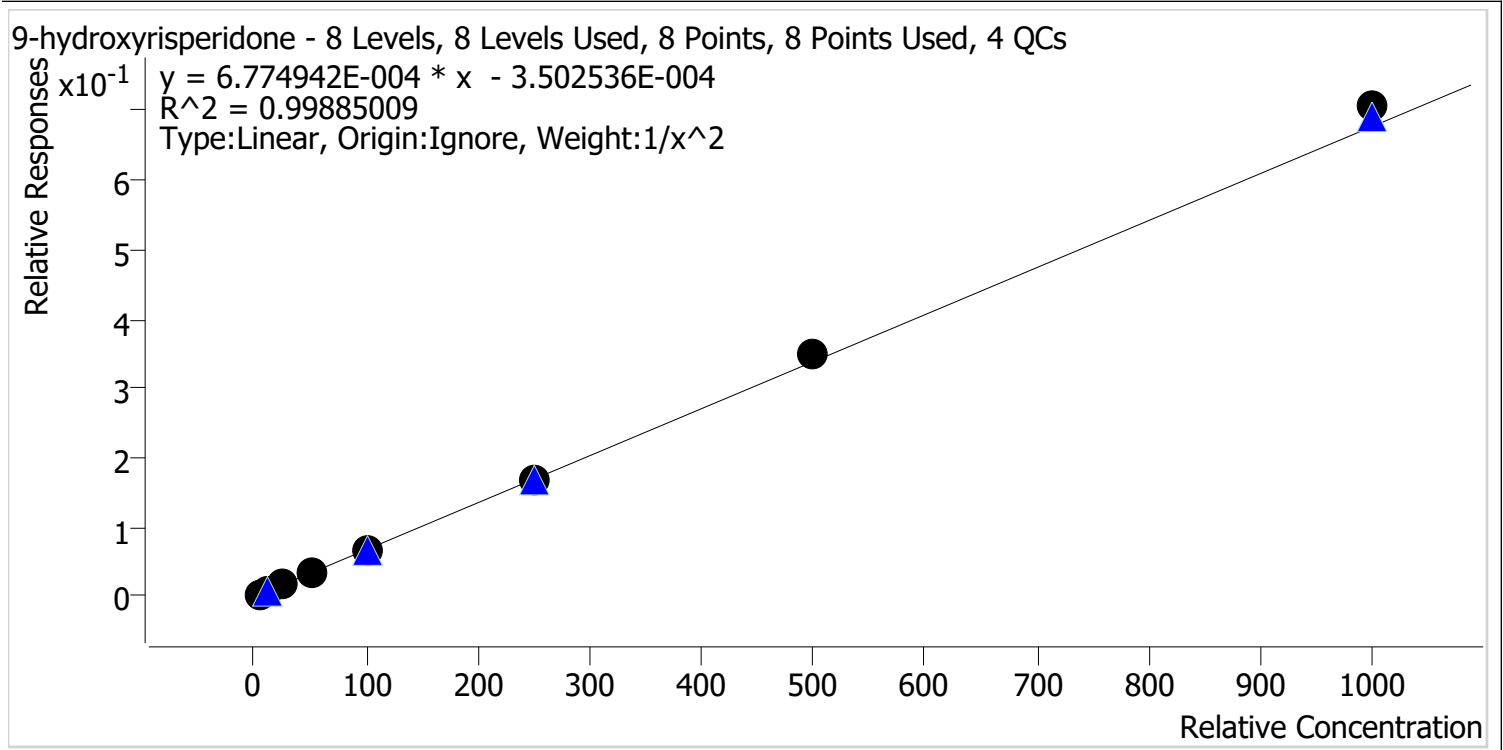


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	22.5	89.9
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	273.5	109.4
p1 Cal 7-500ng	7	✓	500.0	551.5	110.3
p1 Cal 8-1000ng	8	✗	1000.0	1246.5	124.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte 9-hydroxyrisperidone **Internal Standard** 9-hydroxyrisperidone-D4

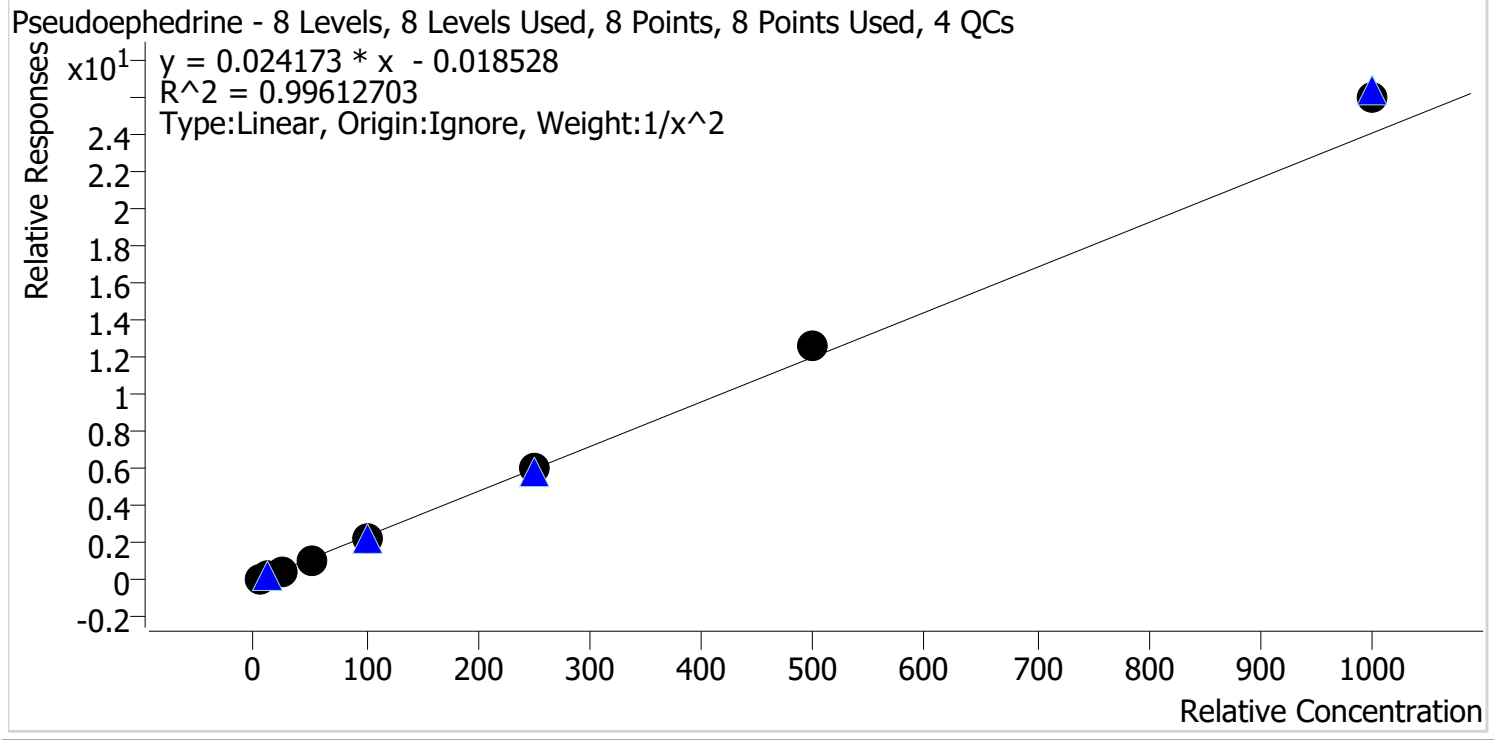


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	515.4	103.1
p1 Cal 8-1000ng	8	✓	1000.0	1043.1	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

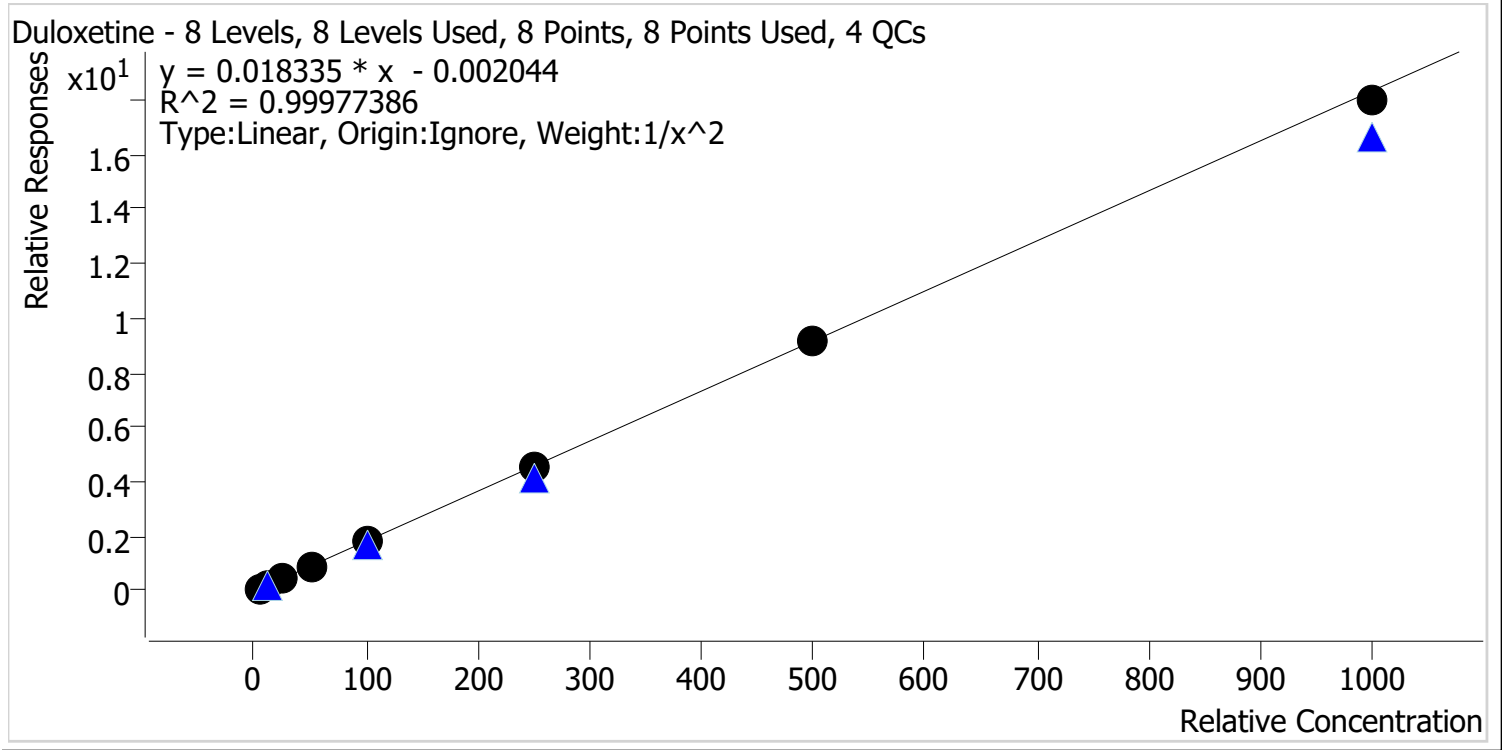


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.8
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	526.5	105.3
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\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



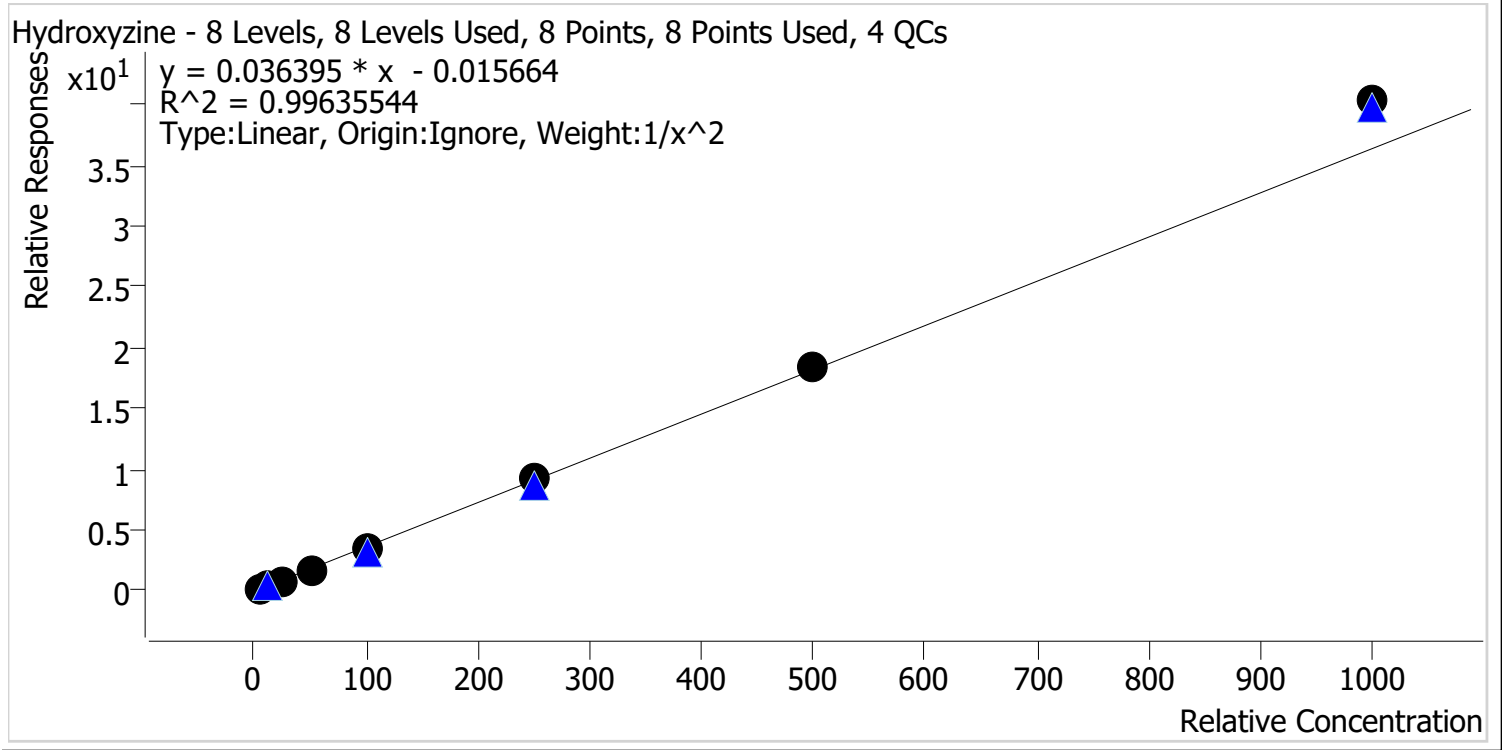
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	502.2	100.4
p1 Cal 8-1000ng	8	✓	1000.0	980.5	98.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

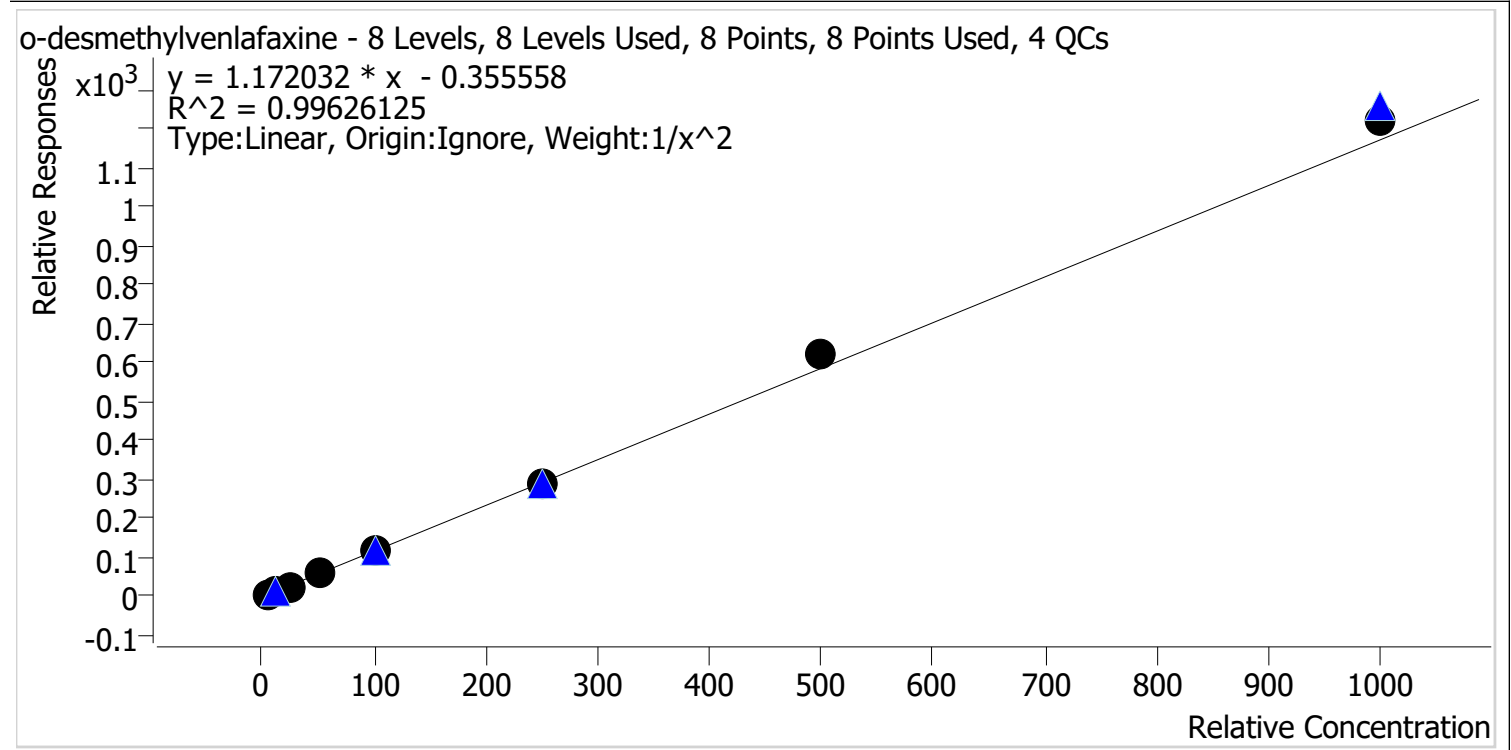


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1108.6	110.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



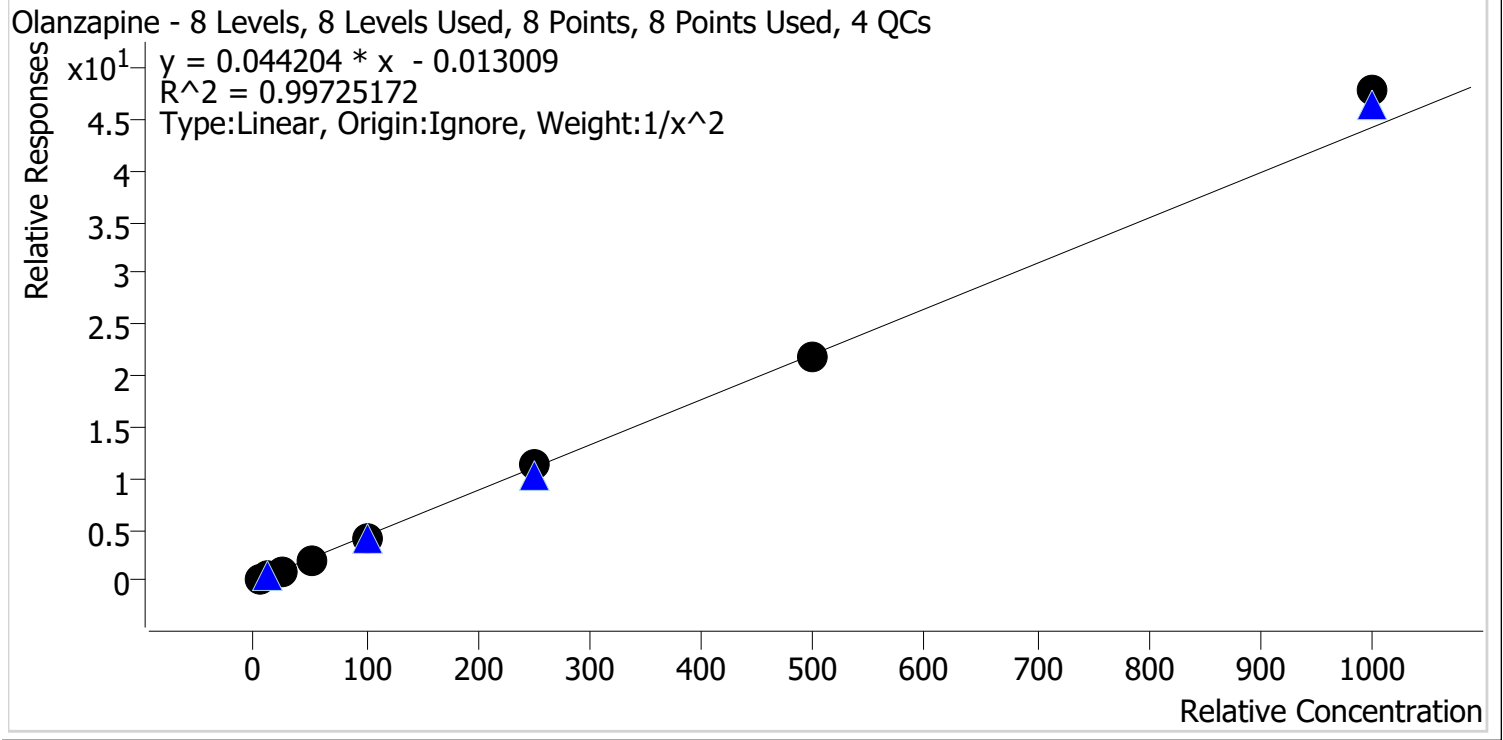
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	22.5	89.8
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	528.2	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1044.4	104.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

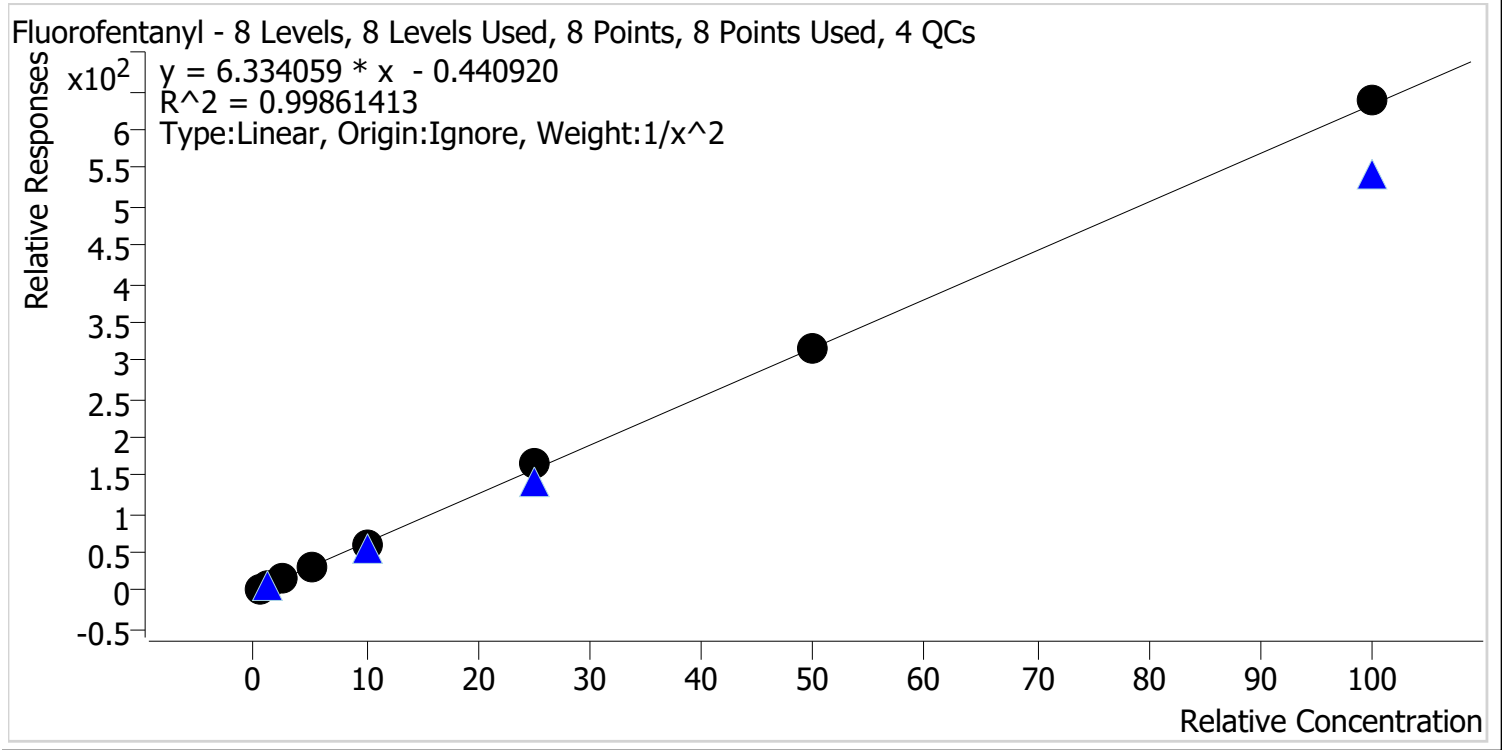


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	261.0	104.4
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1081.0	108.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

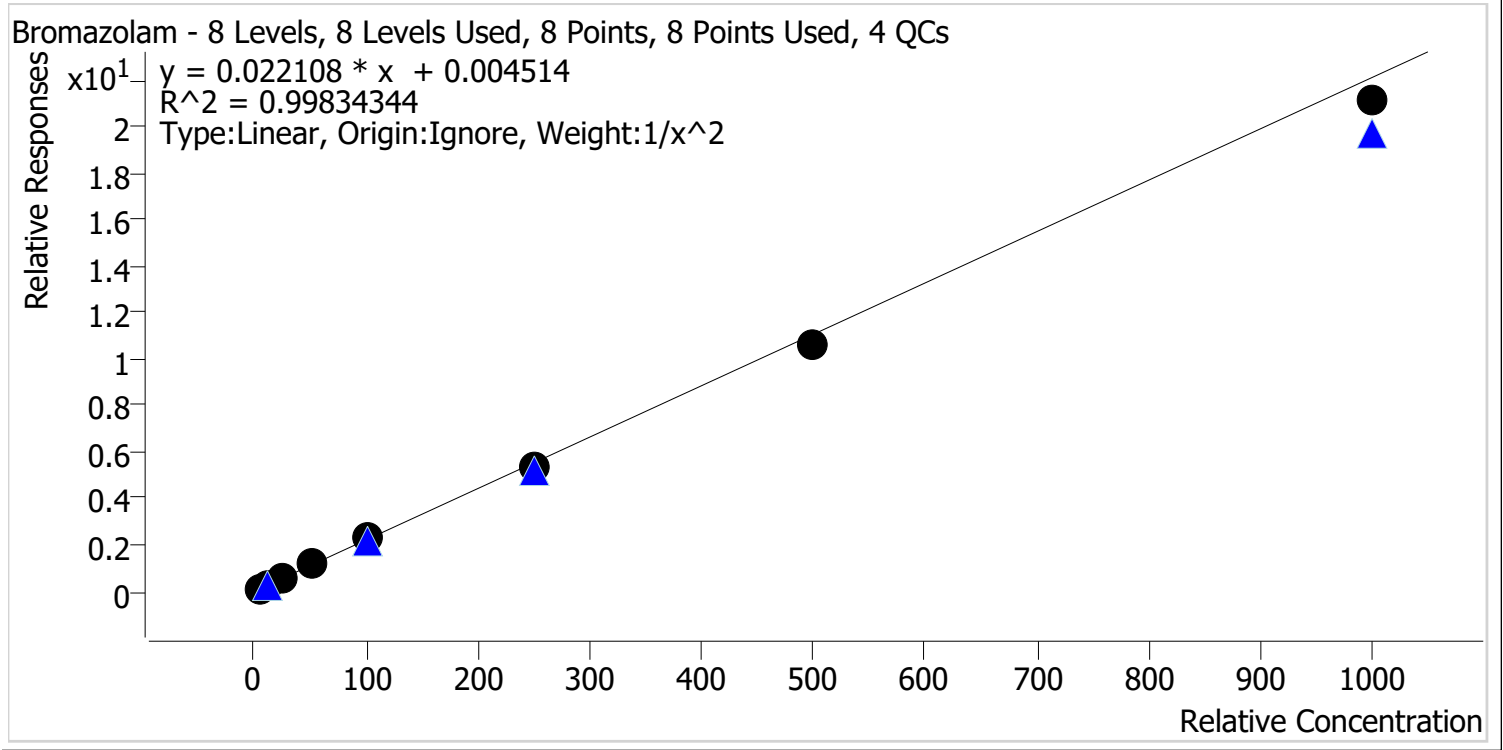


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.0
p1 Cal 2-10ng	2	✓	1.0	1.0	99.5
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.4
p1 Cal 4-50ng	4	✓	5.0	4.8	95.1
p1 Cal 5-100ng	5	✓	10.0	9.9	98.5
p1 Cal 6-250ng	6	✓	25.0	26.6	106.5
p1 Cal 7-500ng	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✓	100.0	100.9	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

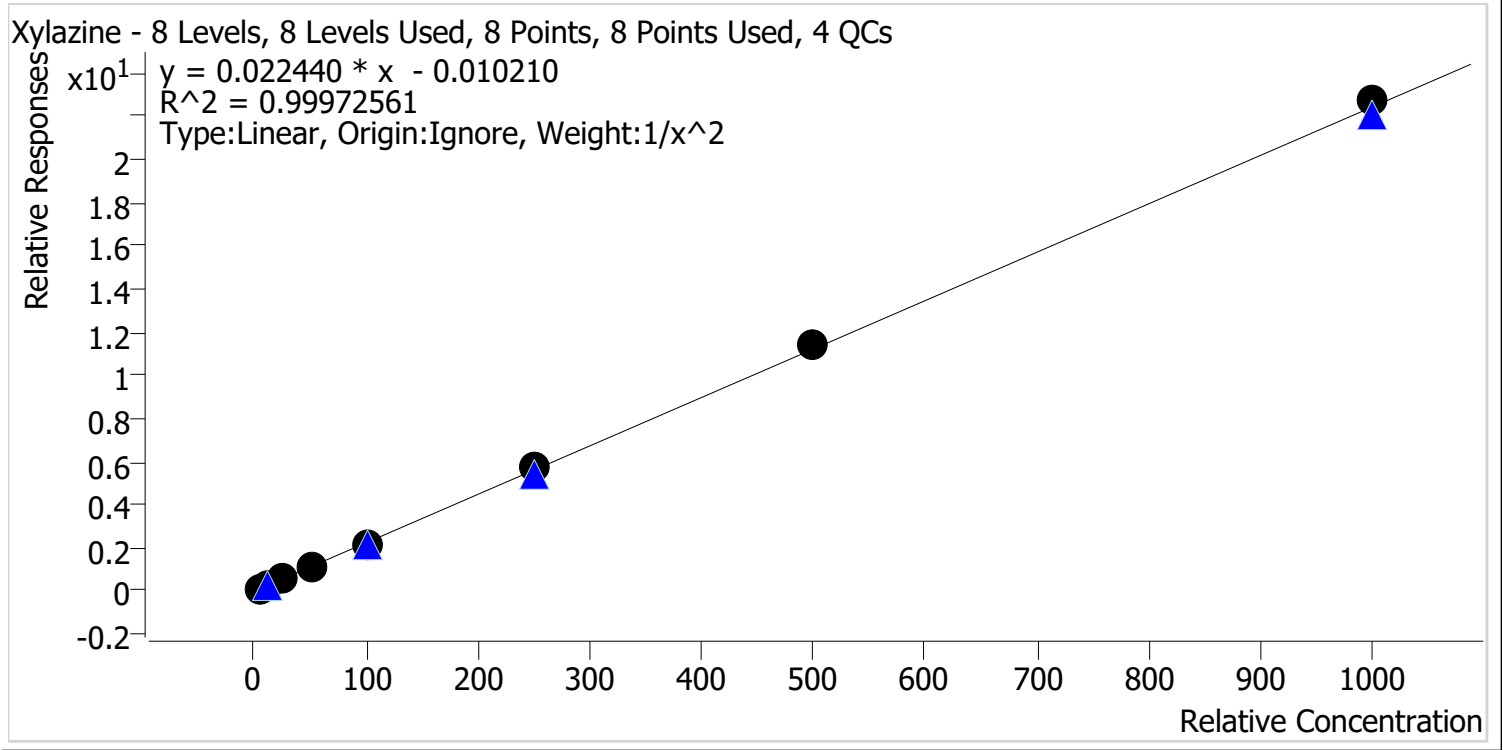


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng	7	✓	500.0	479.4	95.9
p1 Cal 8-1000ng	8	✓	1000.0	954.9	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

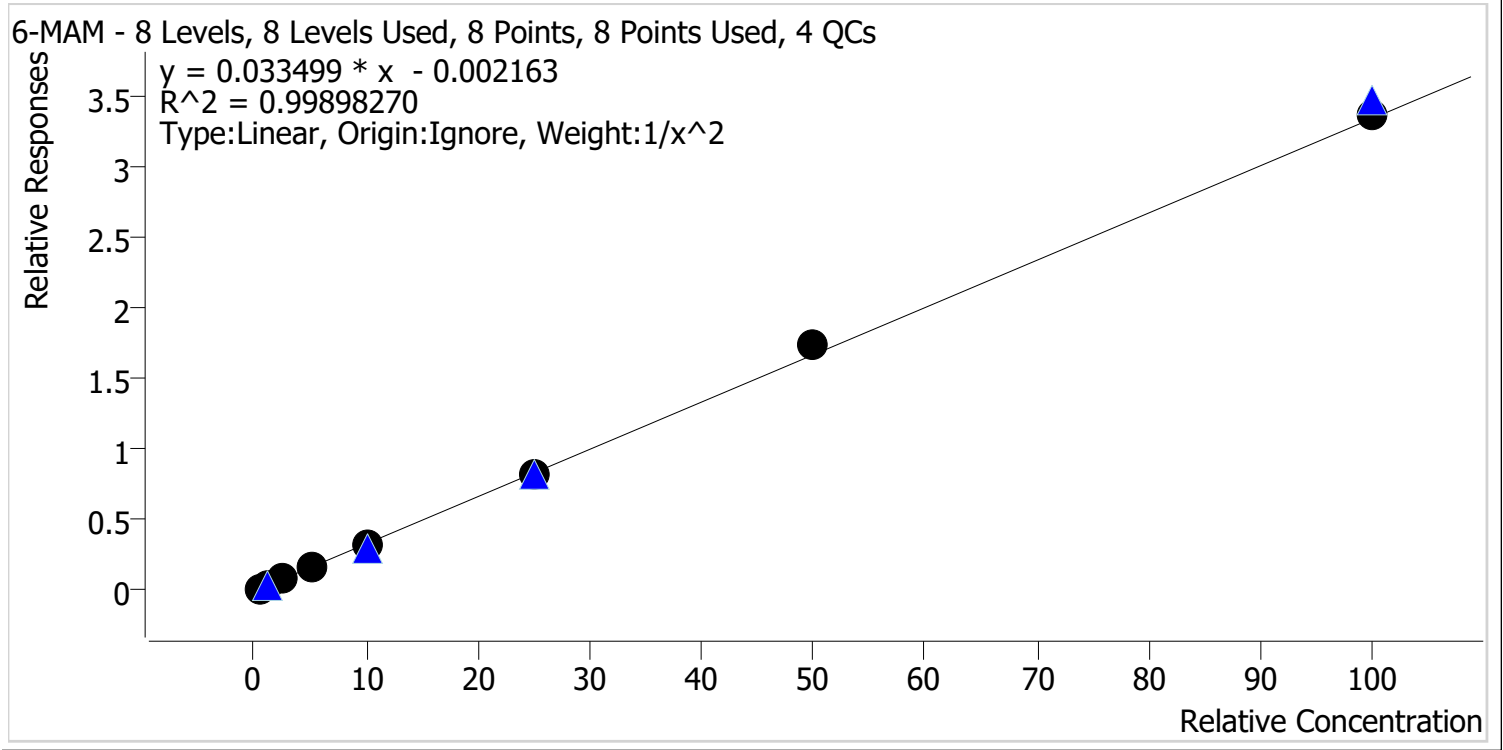


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1013.3	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



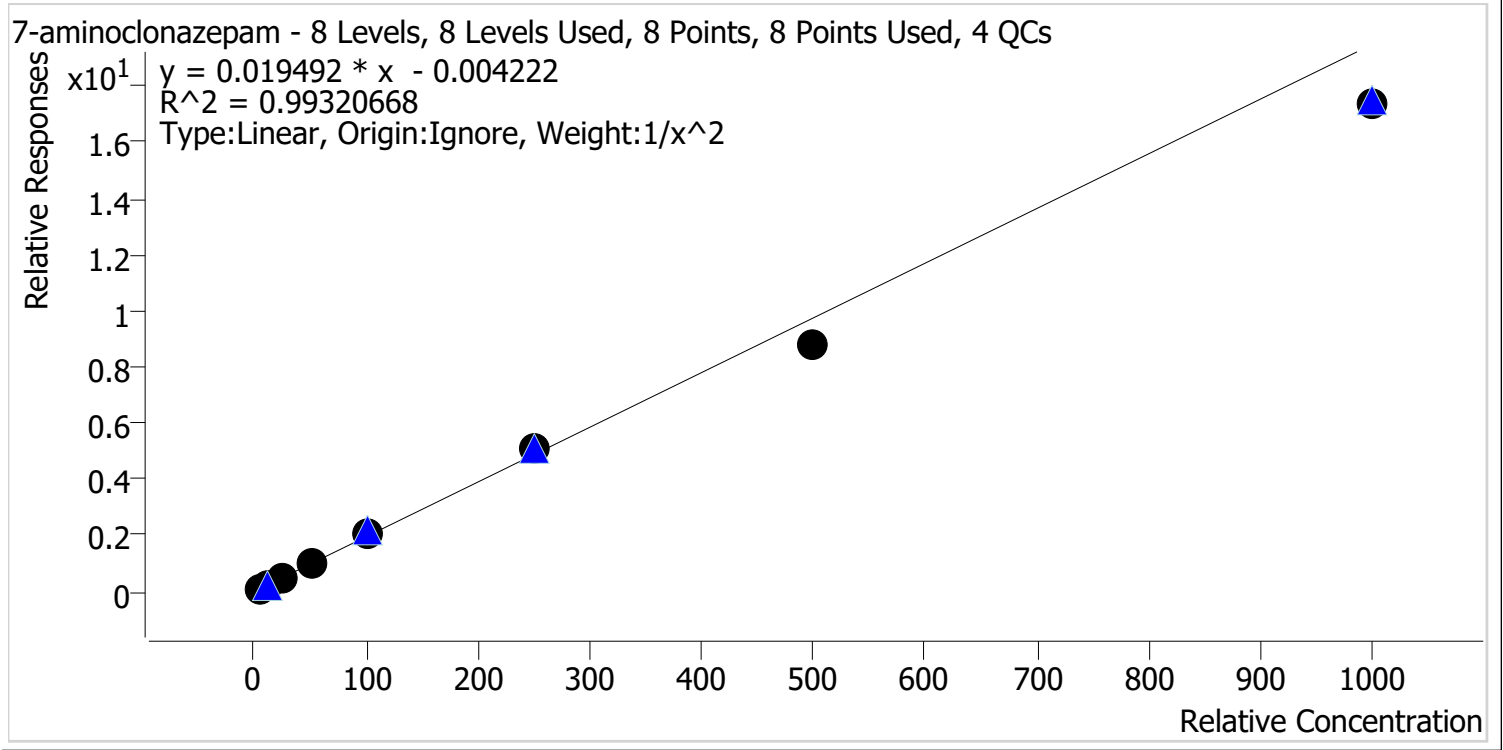
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.5
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
p1 Cal 5-100ng	5	✓	10.0	9.8	98.5
p1 Cal 6-250ng	6	✓	25.0	25.0	100.2
p1 Cal 7-500ng	7	✓	50.0	52.4	104.8
p1 Cal 8-1000ng	8	✓	100.0	100.8	100.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

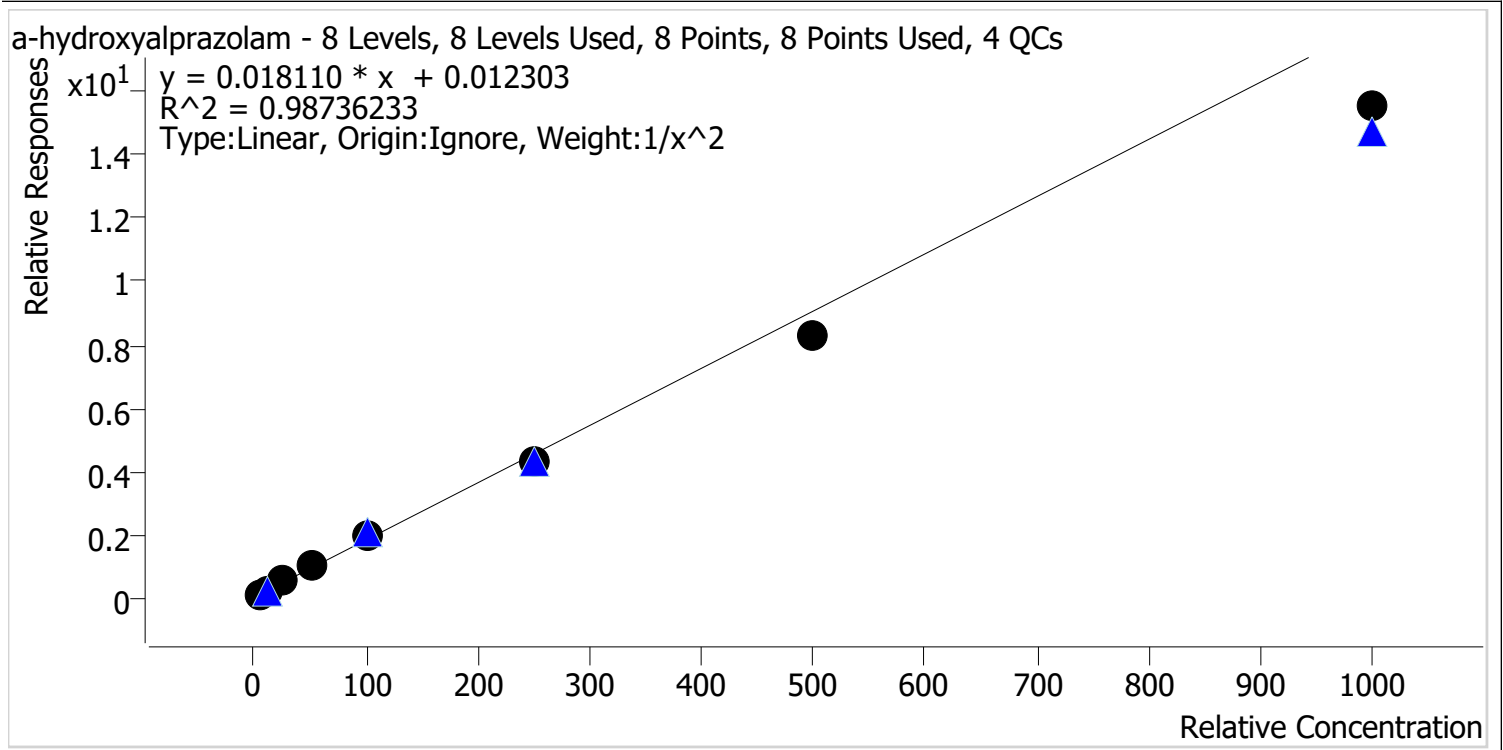


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	263.4	105.4
p1 Cal 7-500ng	7	✓	500.0	448.8	89.8
p1 Cal 8-1000ng	8	✓	1000.0	891.3	89.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

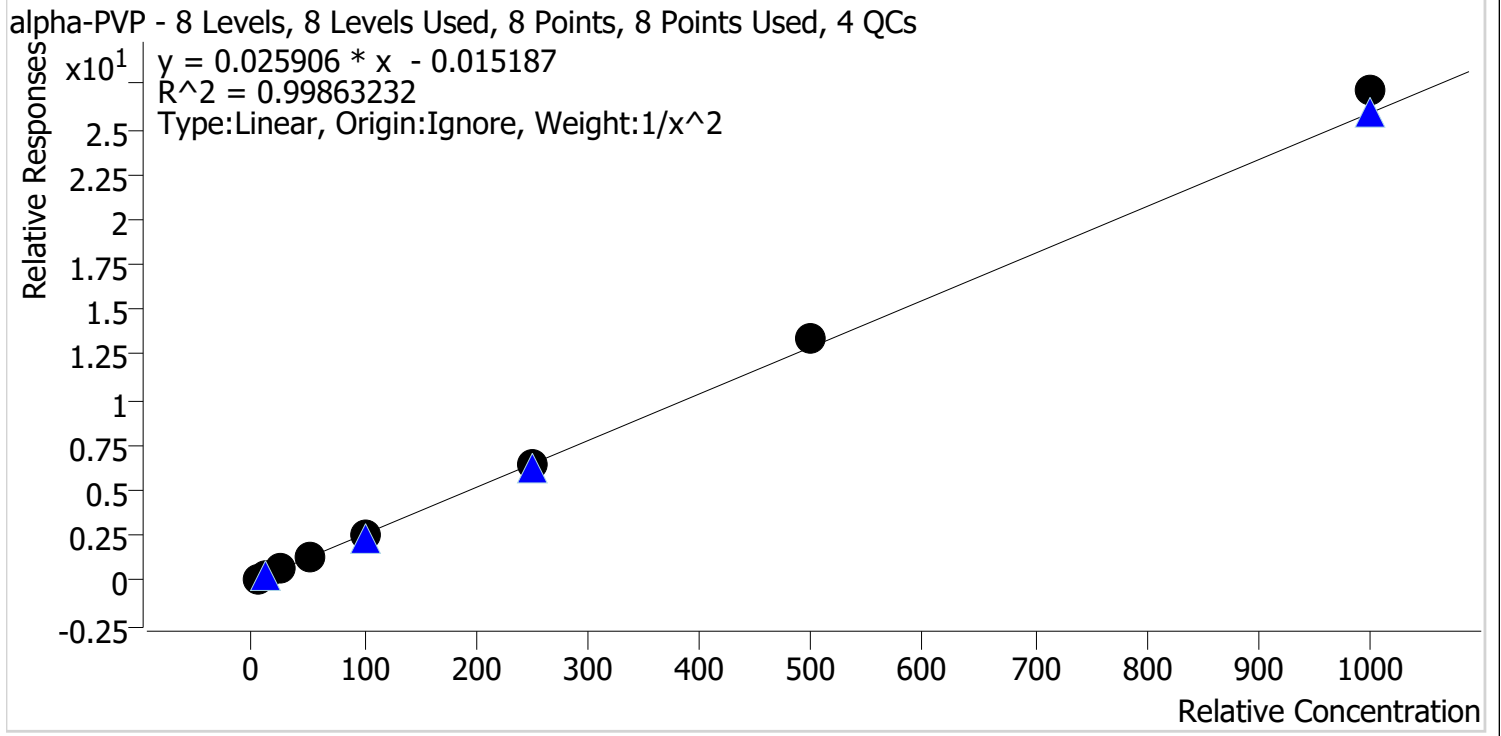


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	28.0	112.0
p1 Cal 4-50ng	4	✓	50.0	56.9	113.9
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	237.1	94.8
p1 Cal 7-500ng	7	✓	500.0	459.3	91.9
p1 Cal 8-1000ng	8	✓	1000.0	858.0	85.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

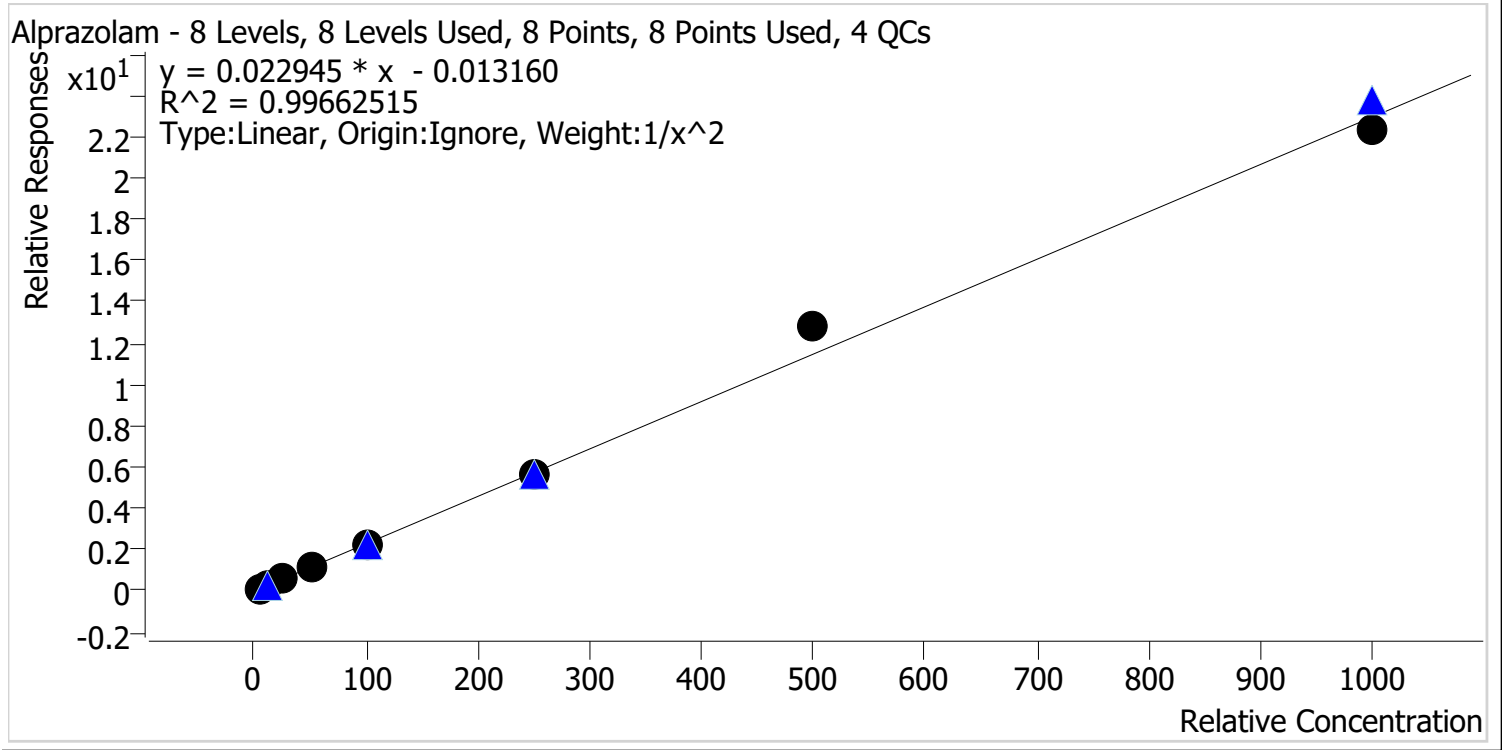


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1047.8	104.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



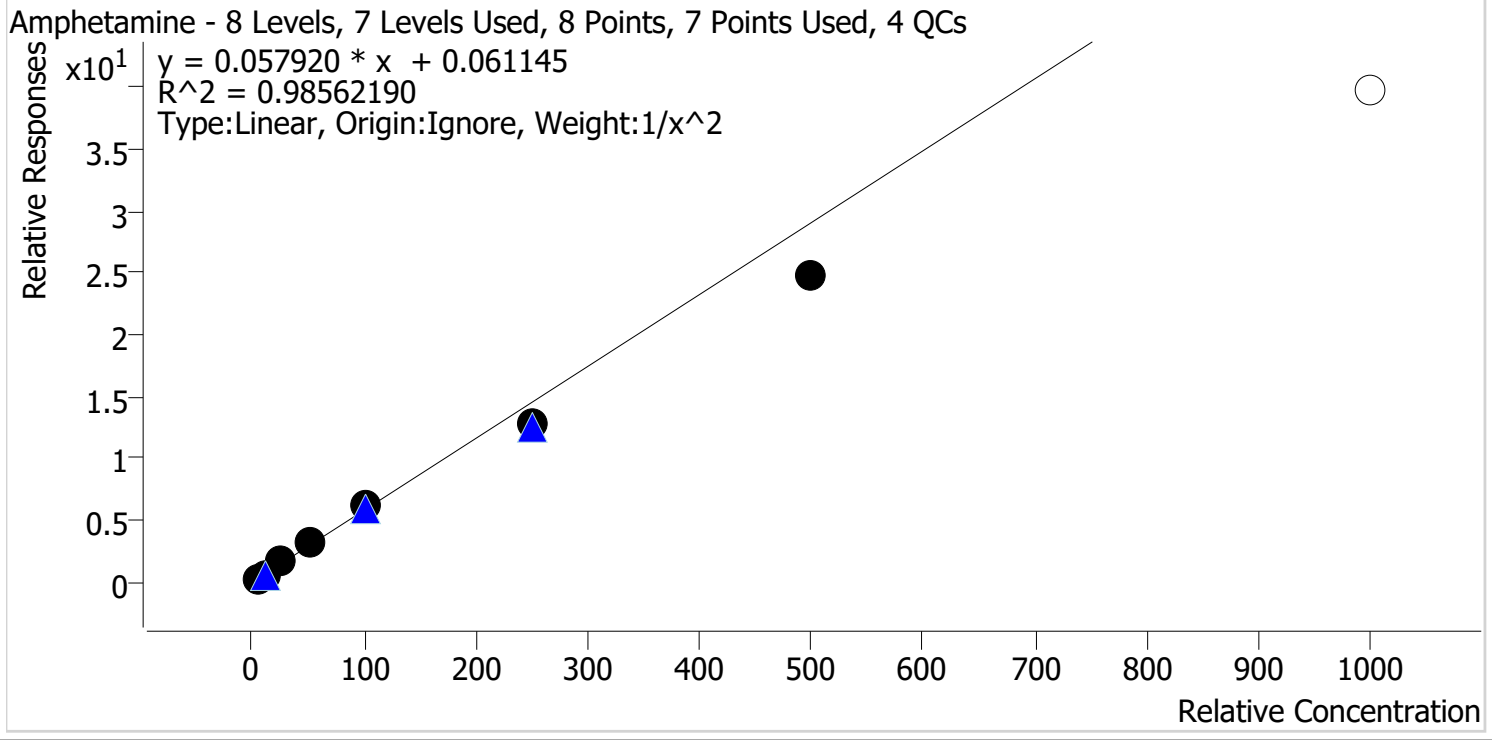
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	556.8	111.4
p1 Cal 8-1000ng	8	✓	1000.0	973.4	97.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



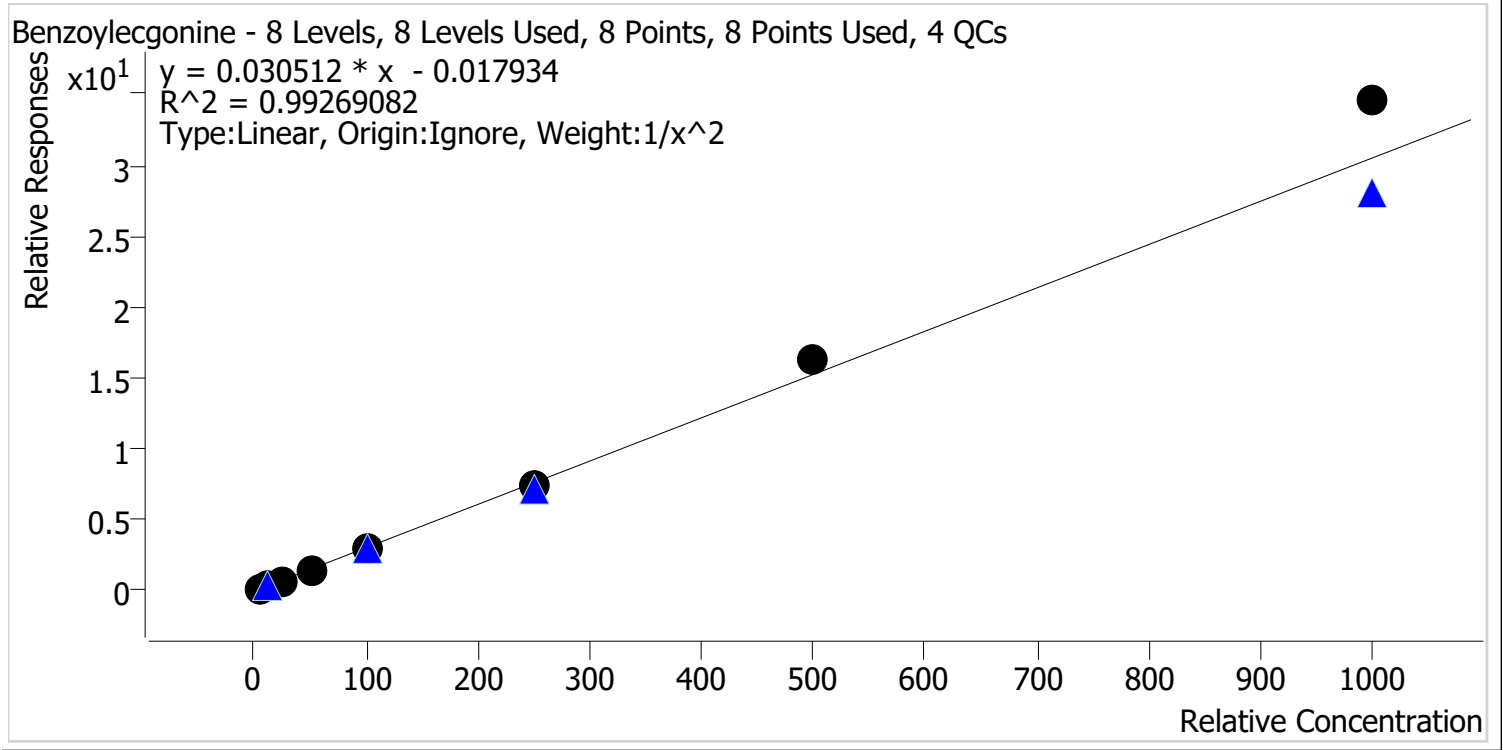
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.5
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	222.9	89.2
p1 Cal 7-500ng	7	✓	500.0	427.0	85.4
p1 Cal 8-1000ng	8	✗	1000.0	683.6	68.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



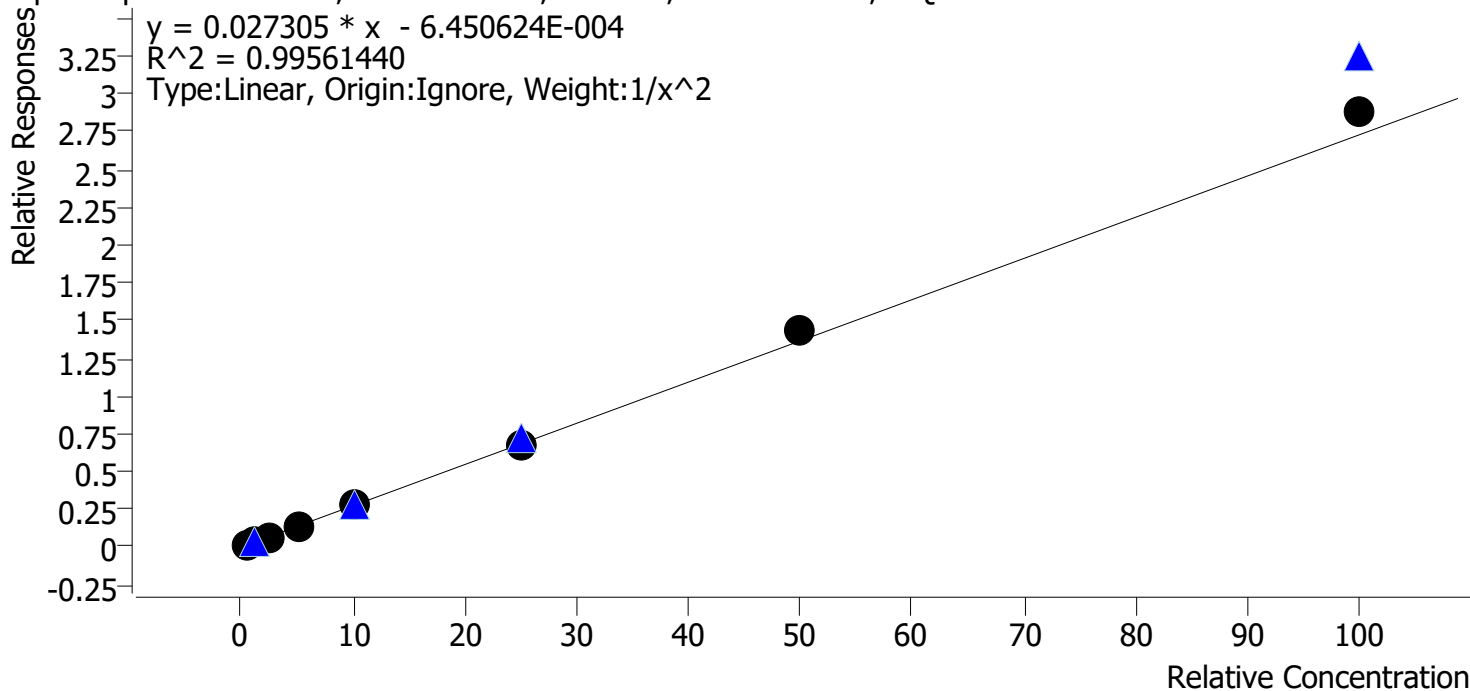
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	45.5	91.1
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	243.5	97.4
p1 Cal 7-500ng	7	✓	500.0	536.8	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1132.7	113.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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

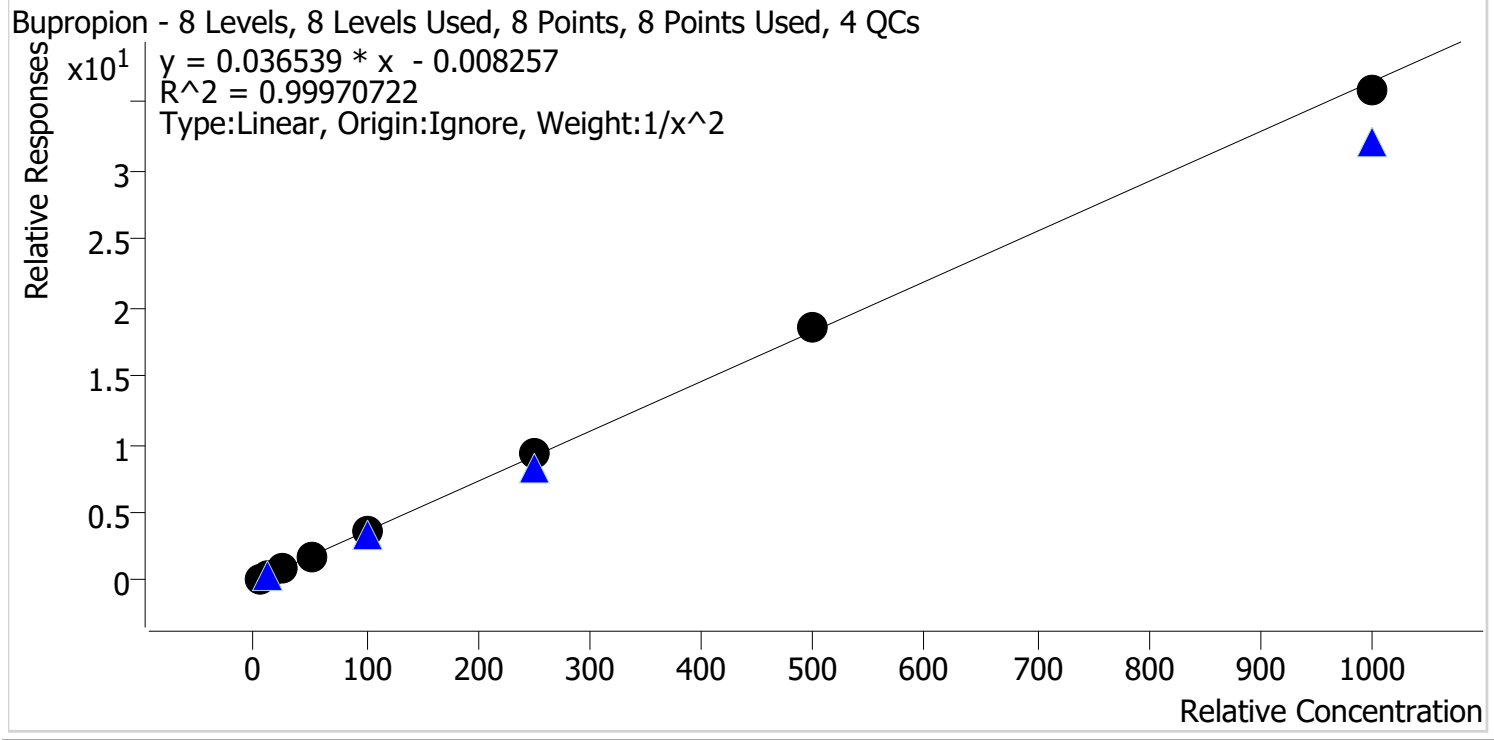


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.6
p1 Cal 2-10ng	2	✓	1.0	0.9	91.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.7
p1 Cal 4-50ng	4	✓	5.0	5.0	100.7
p1 Cal 5-100ng	5	✓	10.0	9.9	99.5
p1 Cal 6-250ng	6	✓	25.0	24.8	99.1
p1 Cal 7-500ng	7	✓	50.0	52.8	105.7
p1 Cal 8-1000ng	8	✓	100.0	105.8	105.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	982.0	98.2

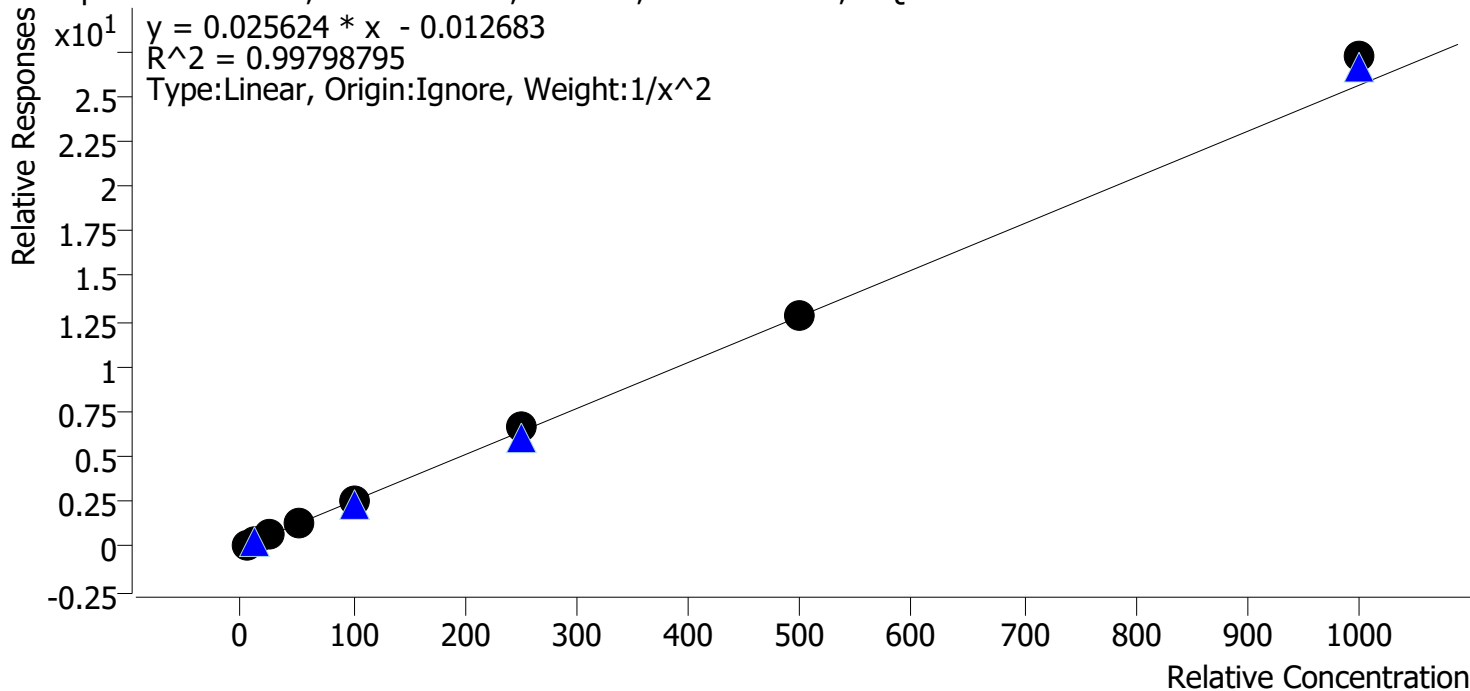
9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

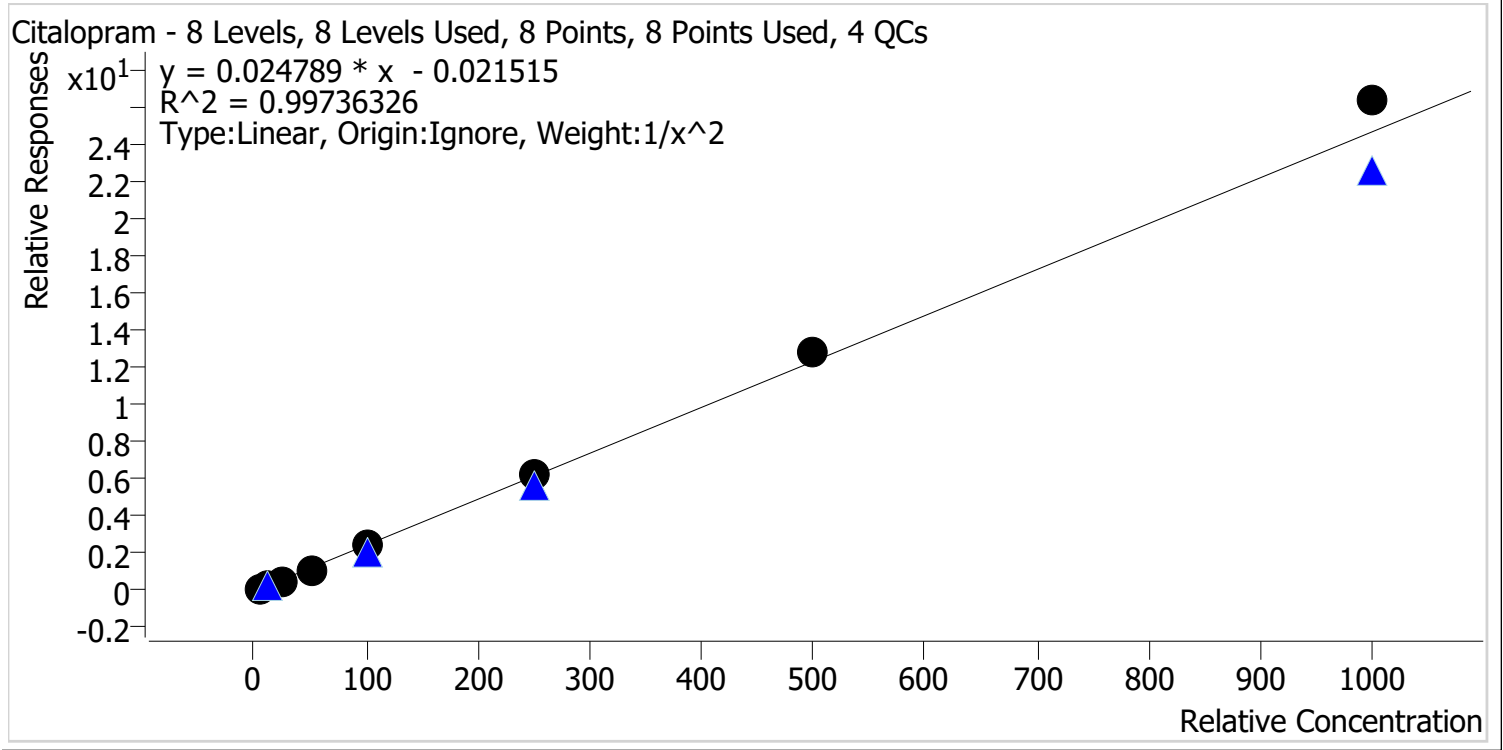


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	259.6	103.9
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1061.9	106.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

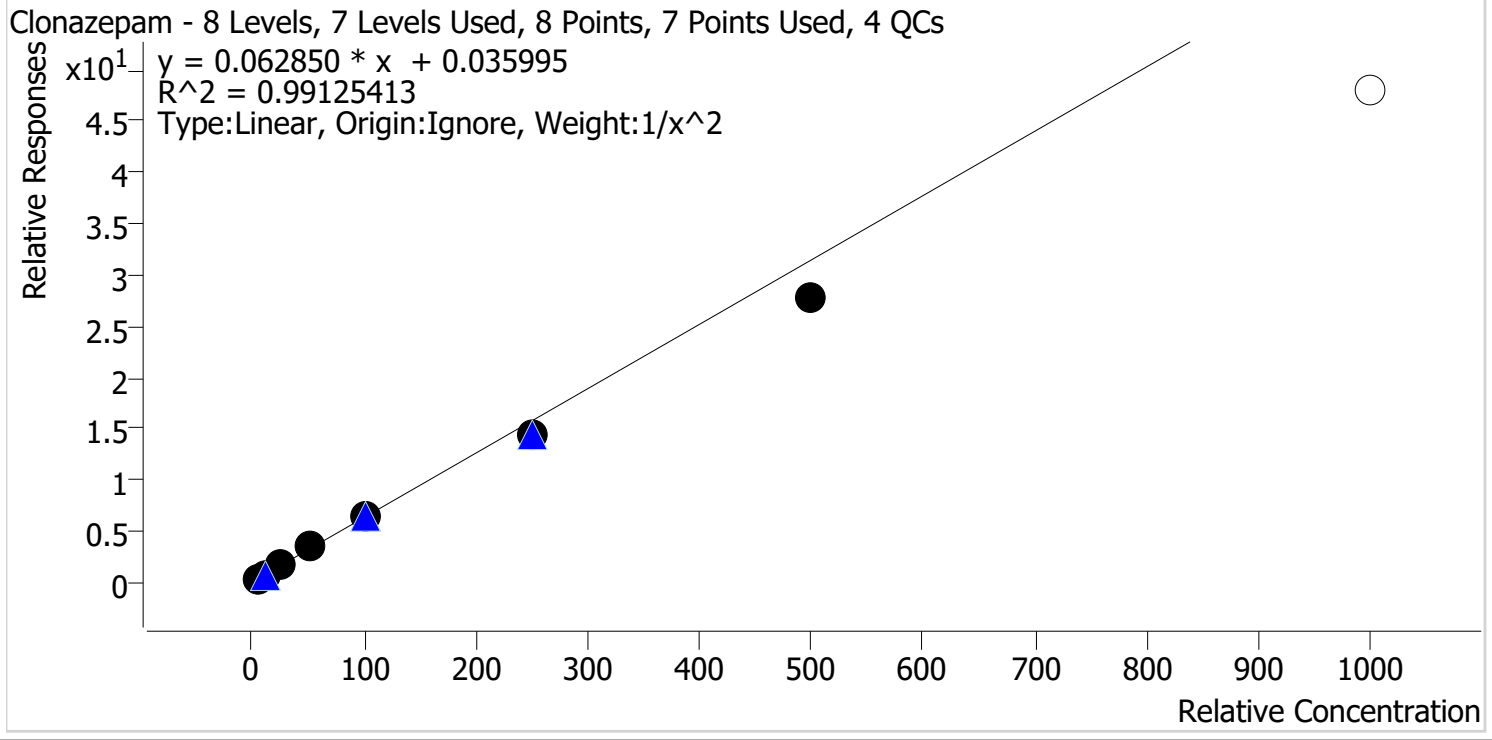


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	47.3	94.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1068.0	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



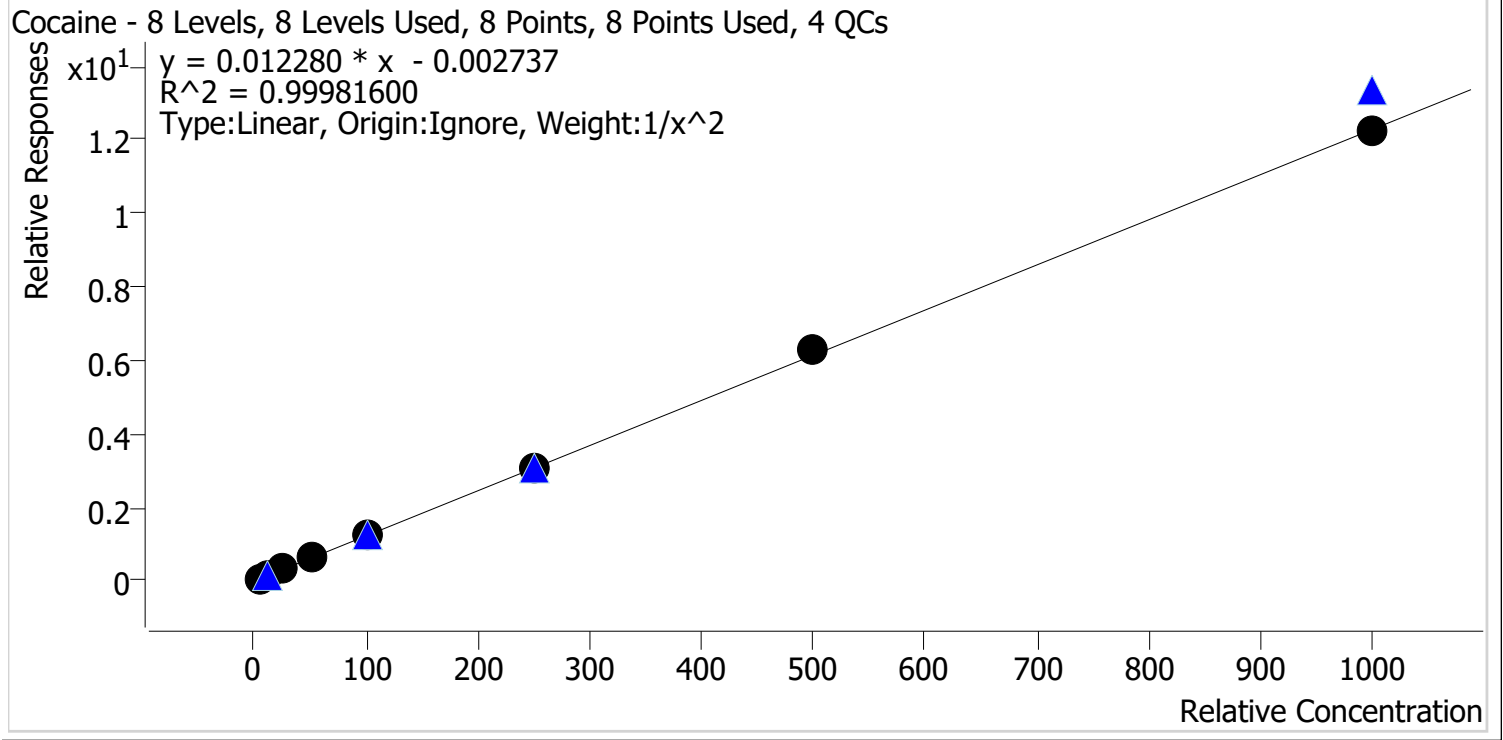
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng	7	✓	500.0	444.3	88.9
p1 Cal 8-1000ng	8	✗	1000.0	763.1	76.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

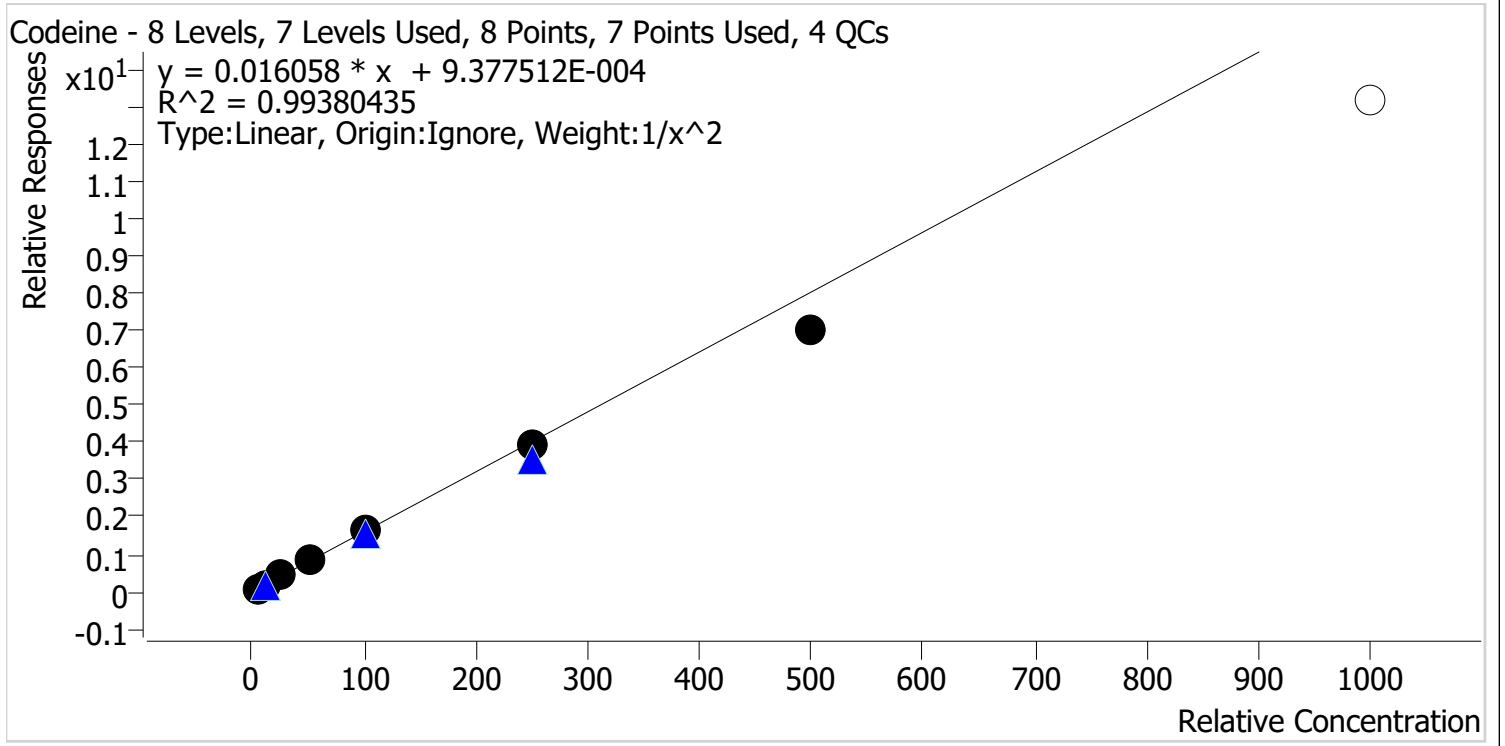


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	999.4	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

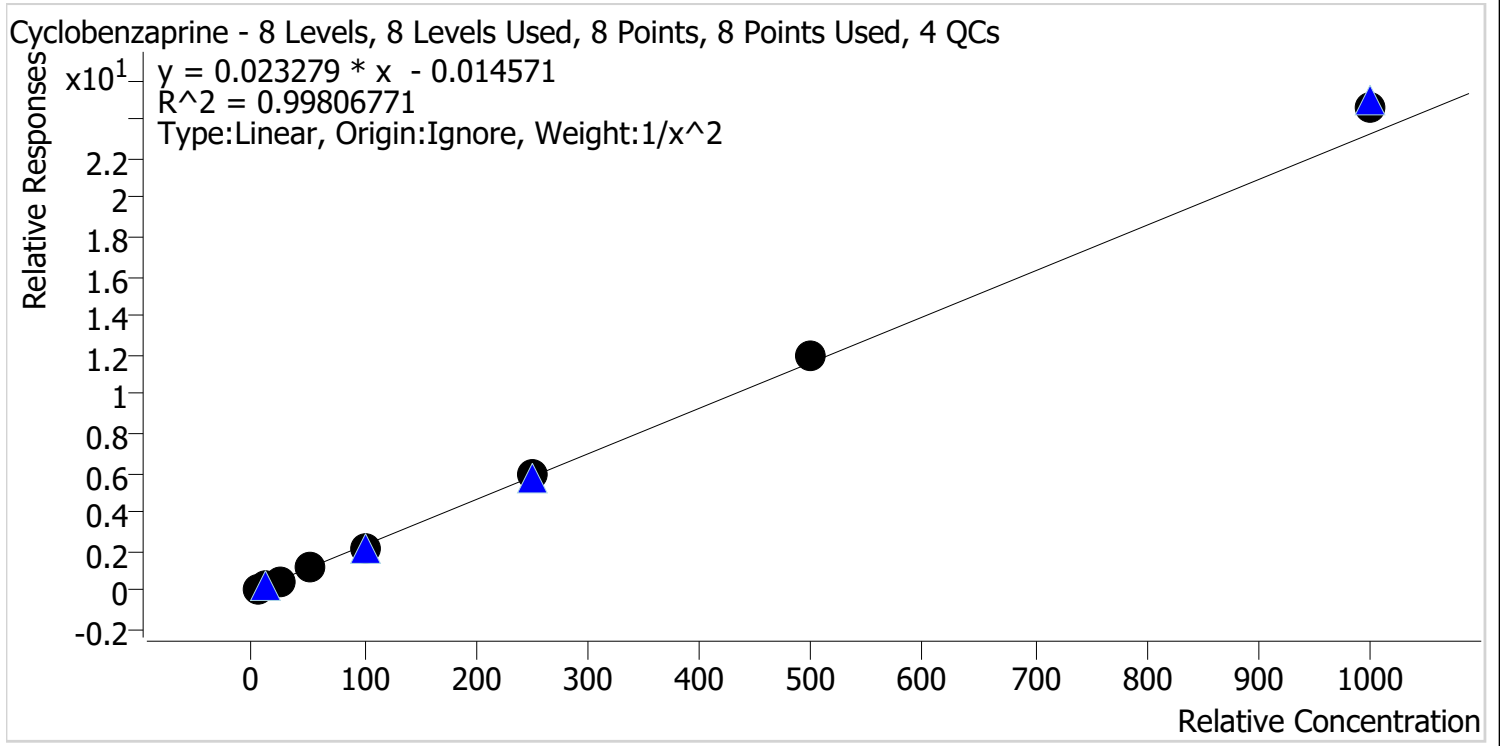


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	244.1	97.6
p1 Cal 7-500ng	7	✓	500.0	437.6	87.5
p1 Cal 8-1000ng	8	✗	1000.0	819.4	81.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

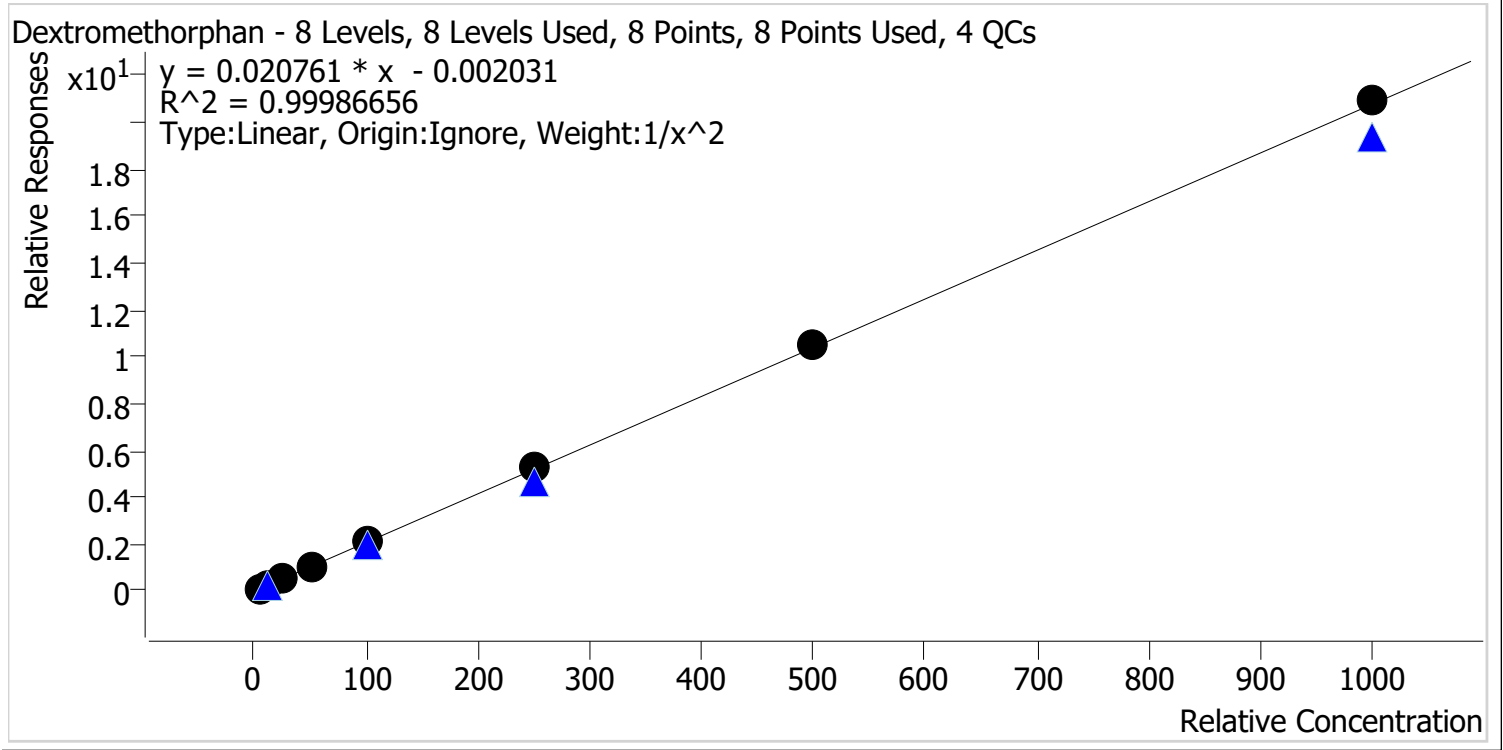


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	514.0	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1059.6	106.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

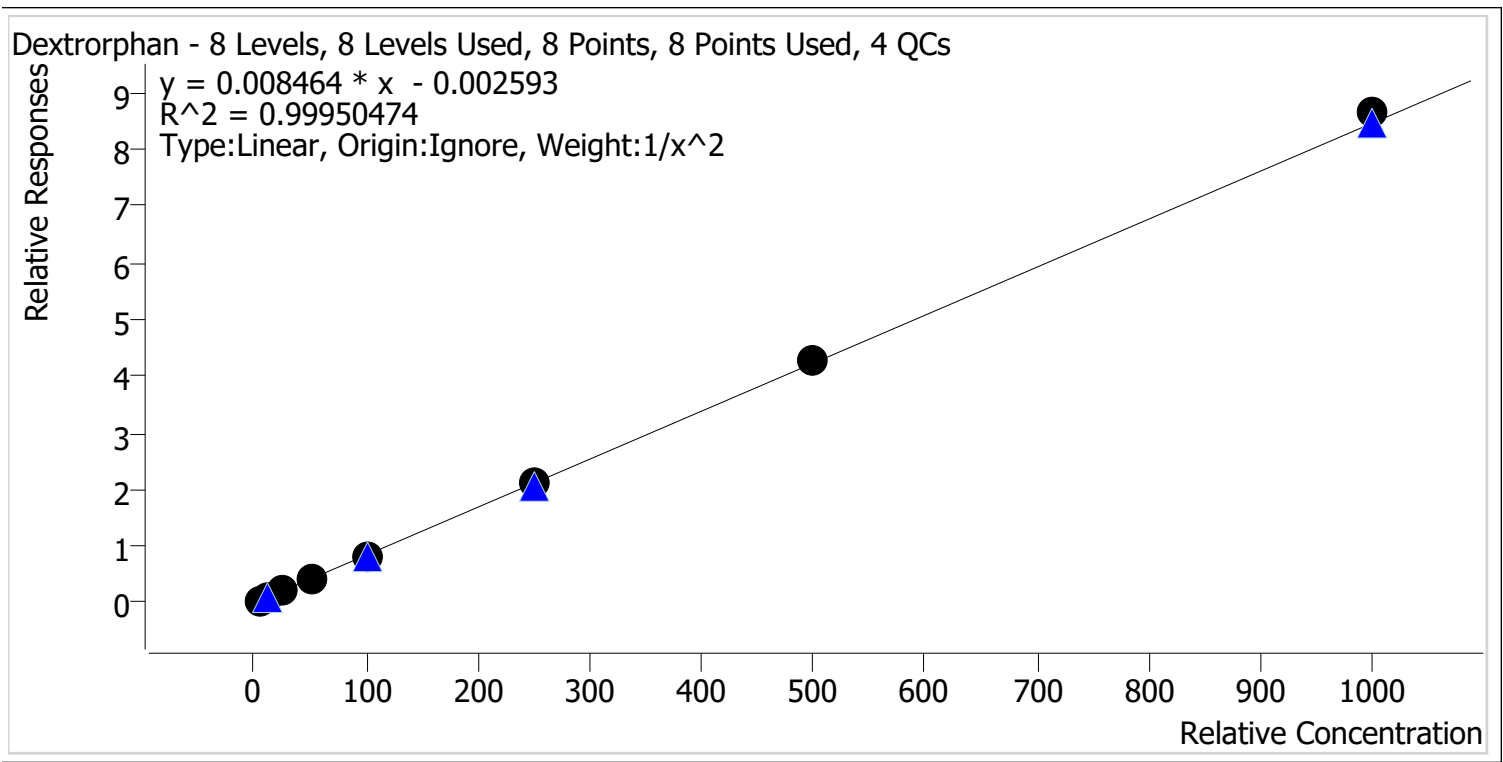


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1007.6	100.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

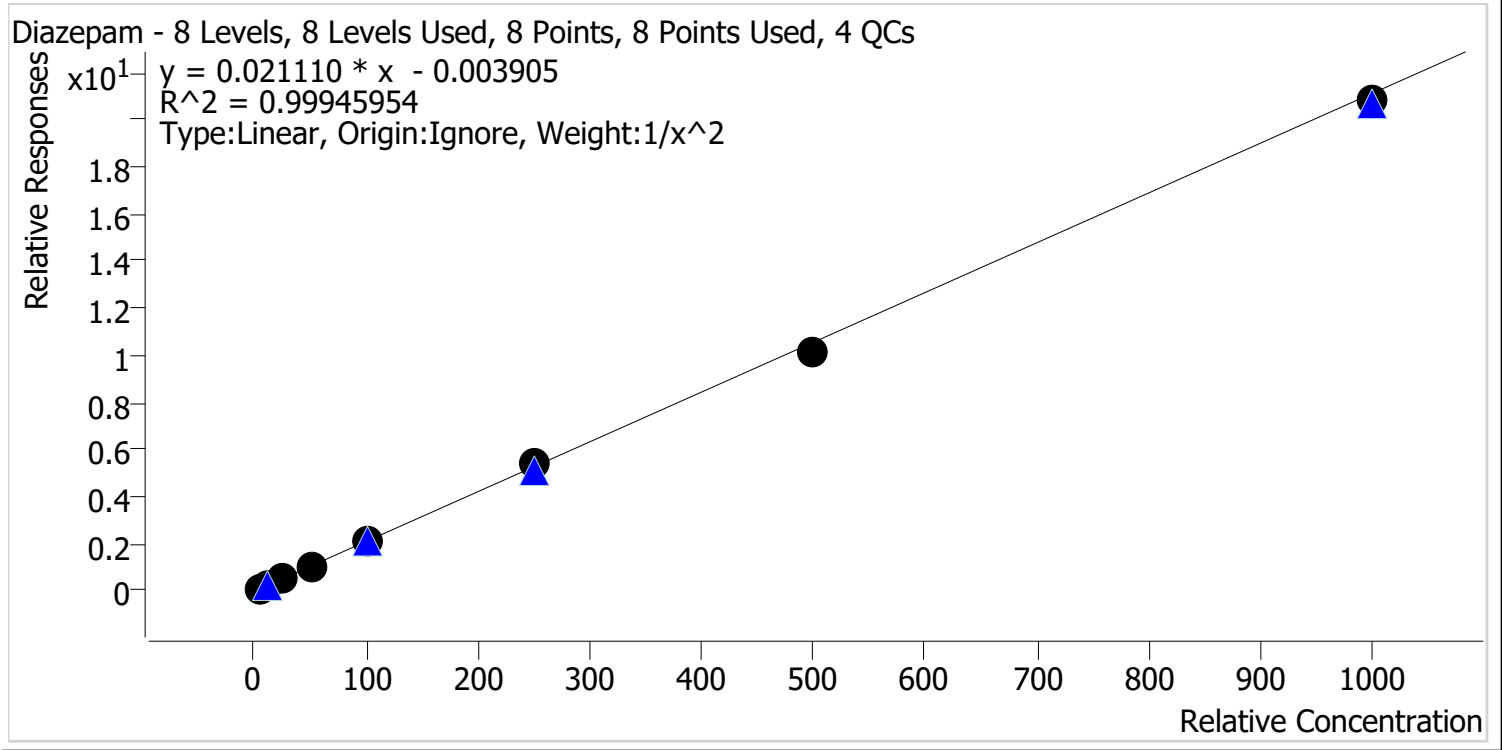


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1022.1	102.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



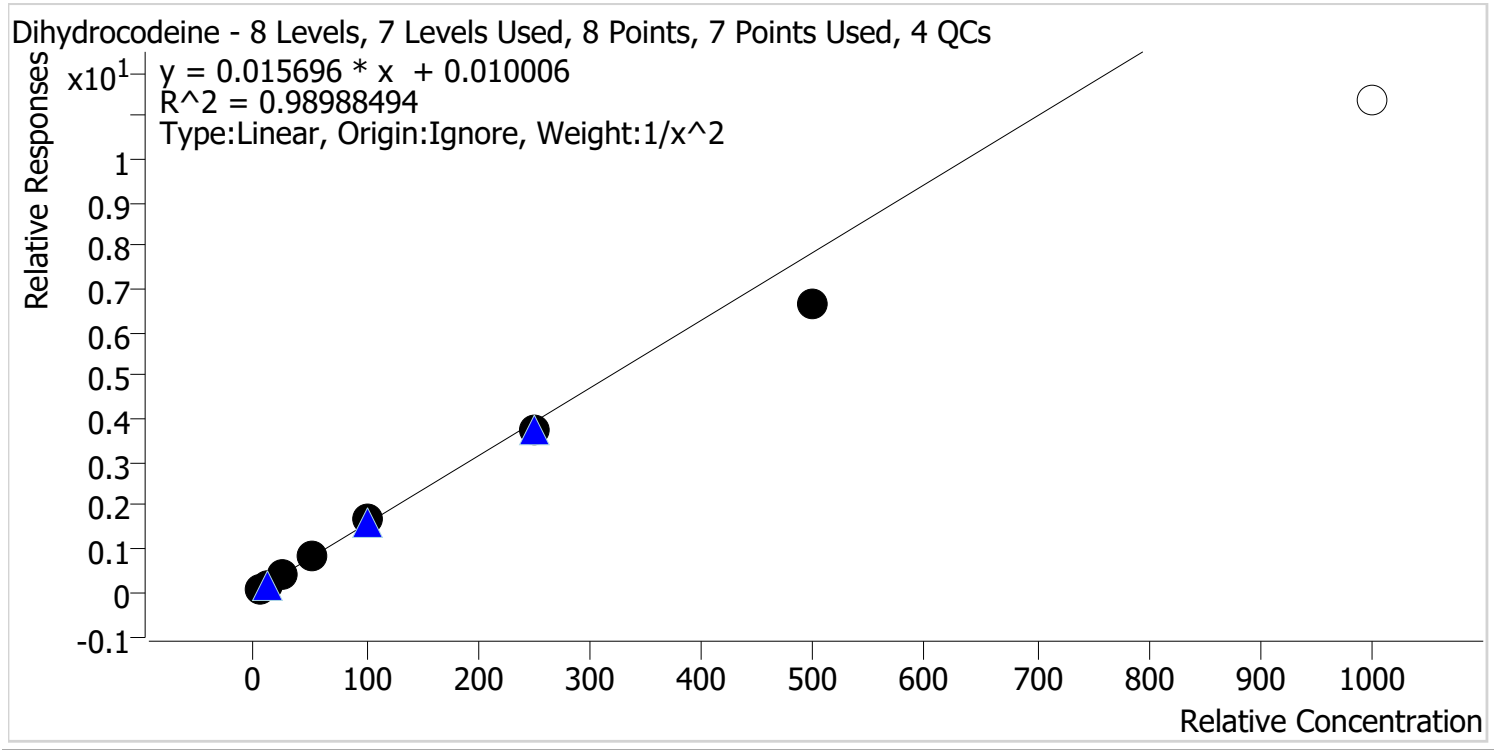
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	479.7	95.9
p1 Cal 8-1000ng	8	✓	1000.0	985.6	98.6

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

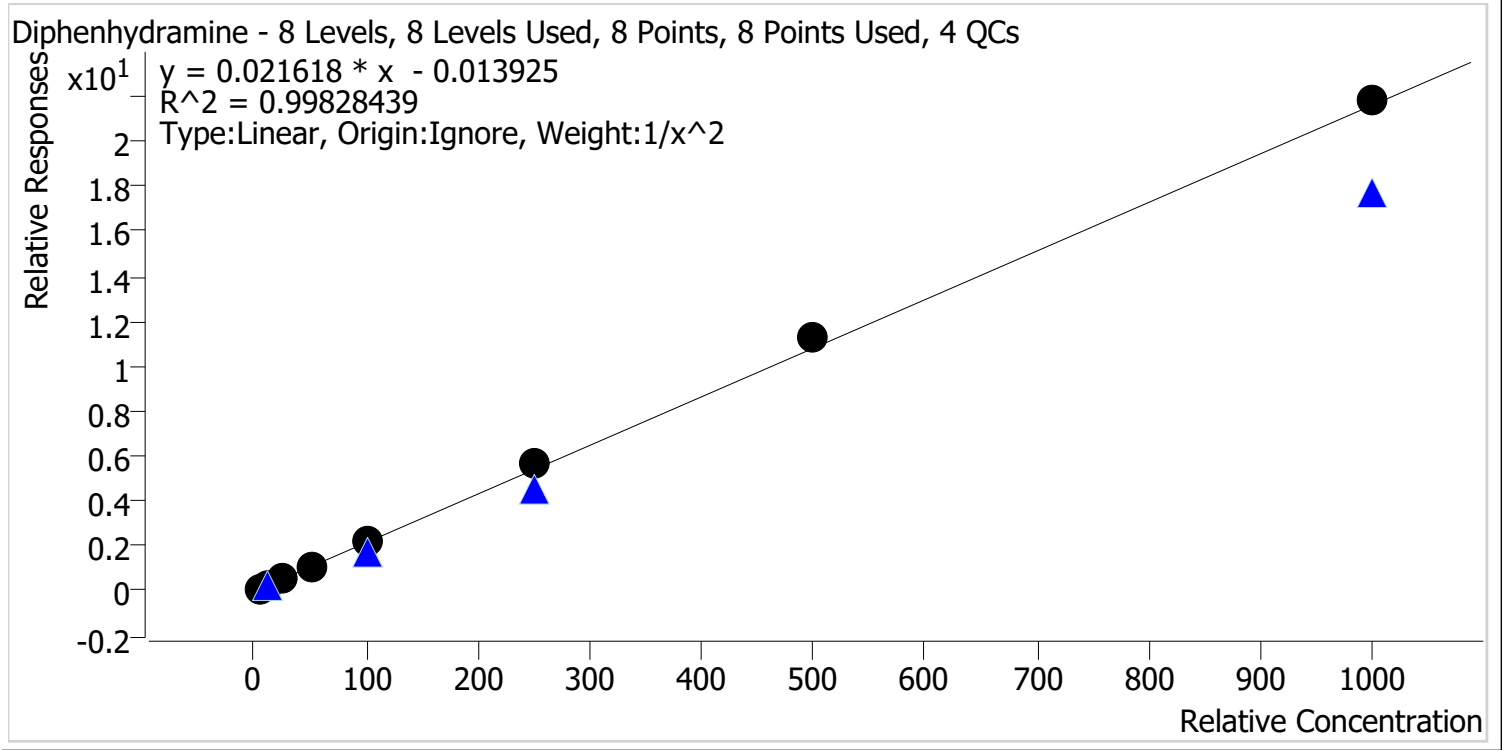


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	237.0	94.8
p1 Cal 7-500ng	7	✓	500.0	423.9	84.8
p1 Cal 8-1000ng	8	✗	1000.0	723.1	72.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



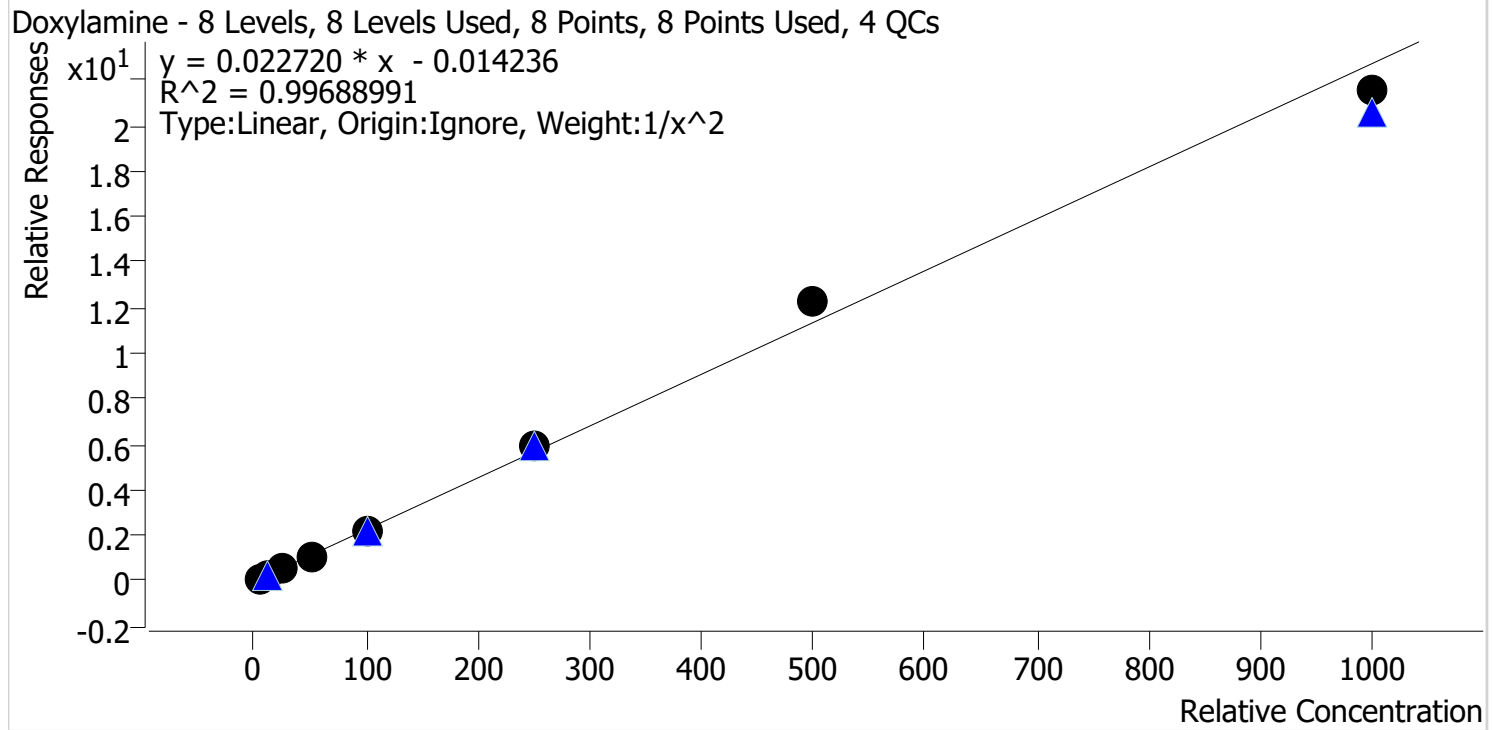
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	95.0
p1 Cal 4-50ng	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	260.9	104.4
p1 Cal 7-500ng	7	✓	500.0	520.9	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1009.6	101.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

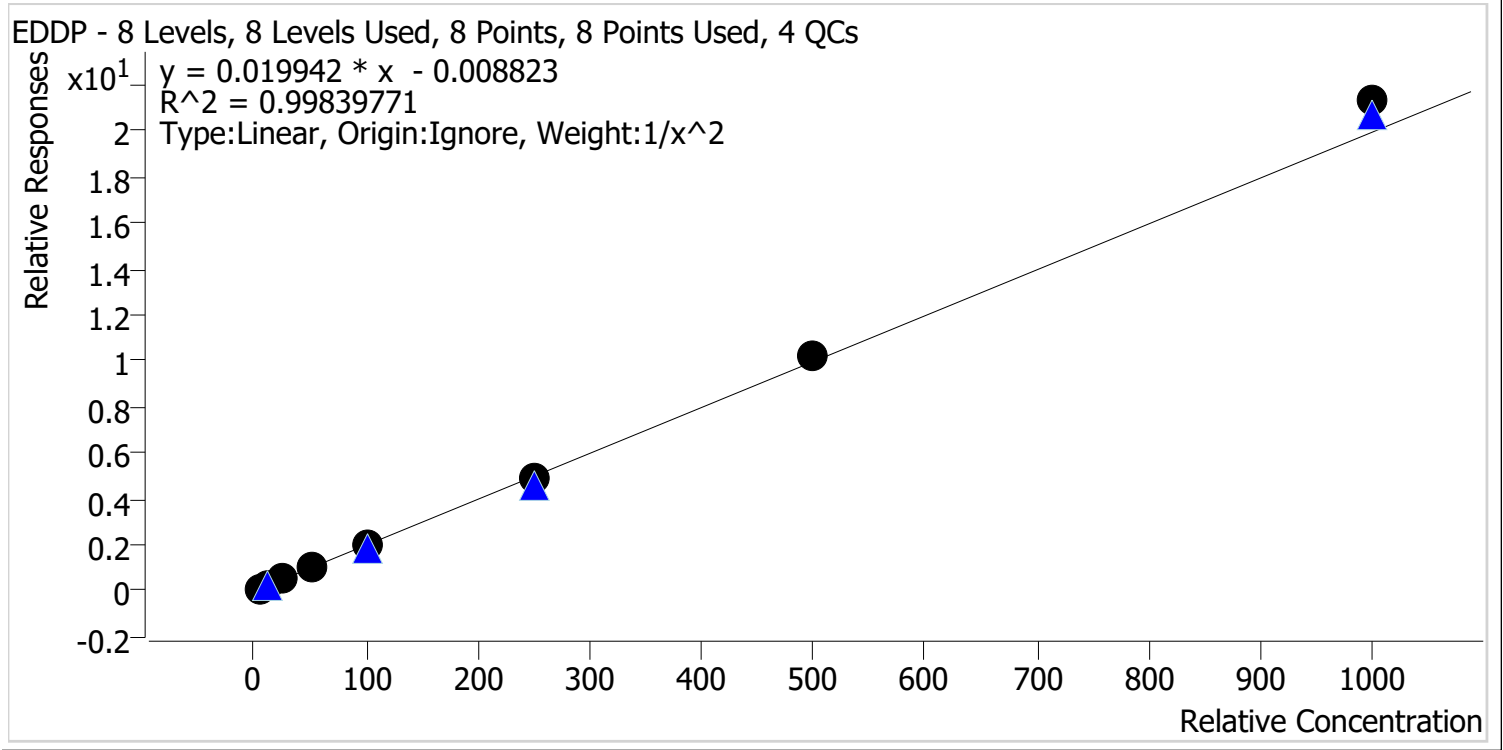


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	539.2	107.8
p1 Cal 8-1000ng	8	✓	1000.0	947.8	94.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

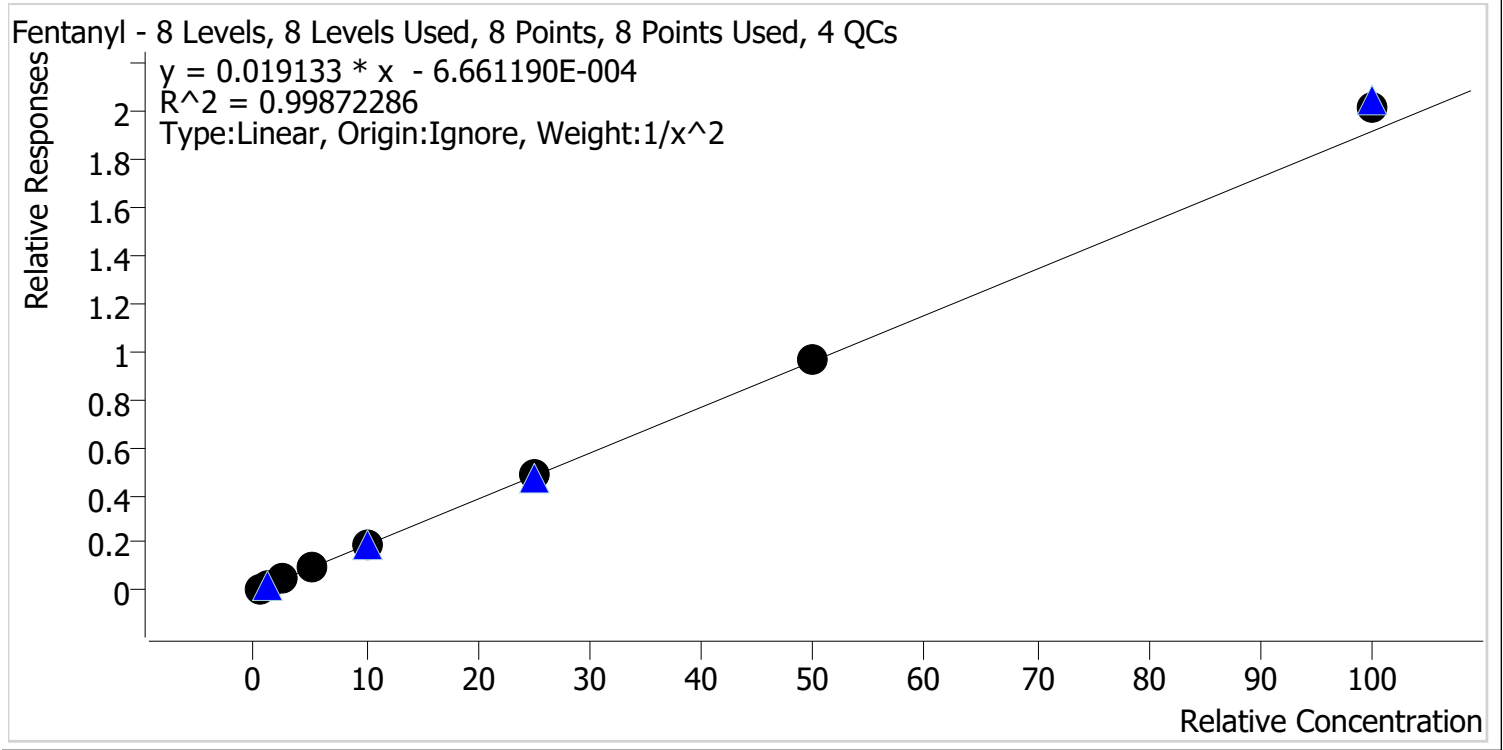


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	248.6	99.5
p1 Cal 7-500ng	7	✓	500.0	509.2	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1068.9	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

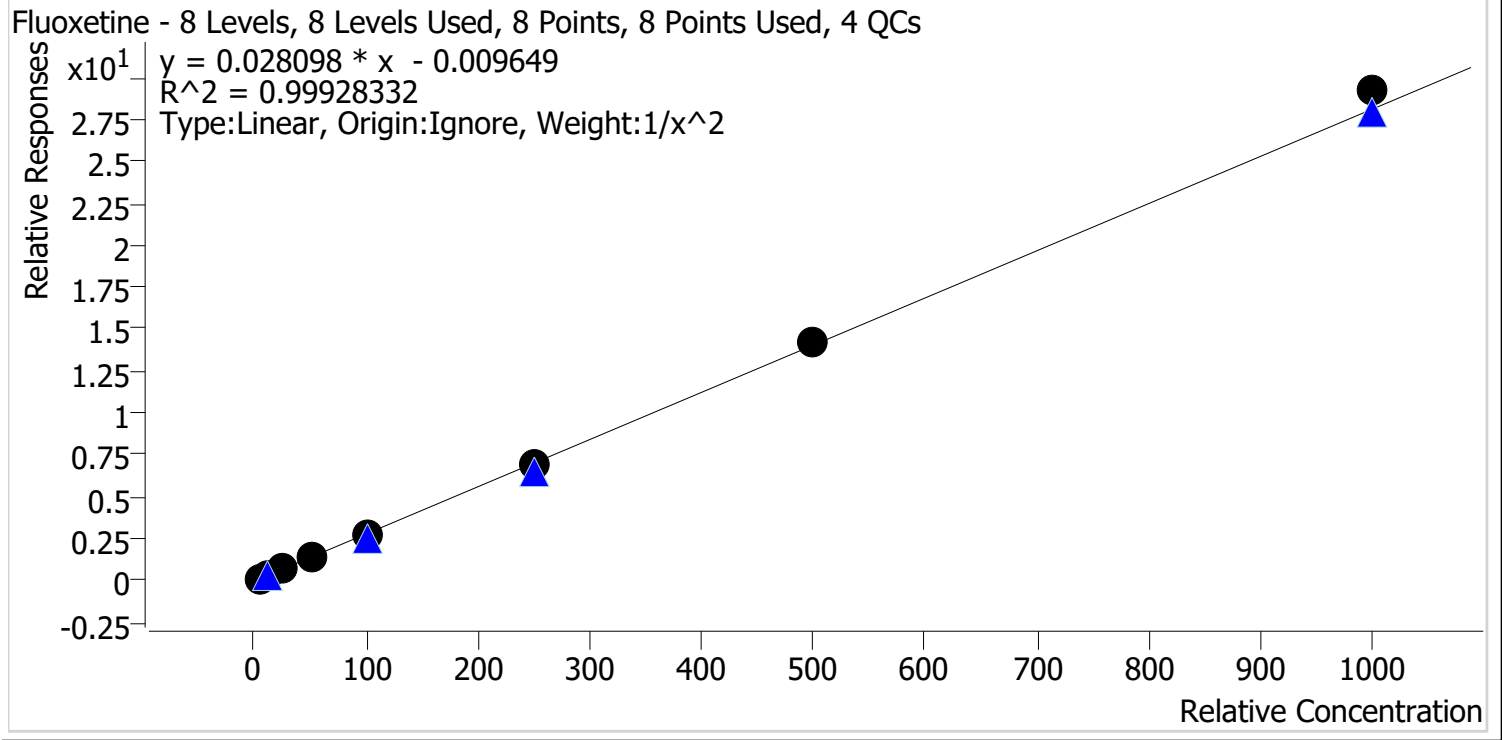


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng	2	✓	1.0	1.0	95.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.6
p1 Cal 5-100ng	5	✓	10.0	9.9	98.7
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	50.8	101.5
p1 Cal 8-1000ng	8	✓	100.0	105.0	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

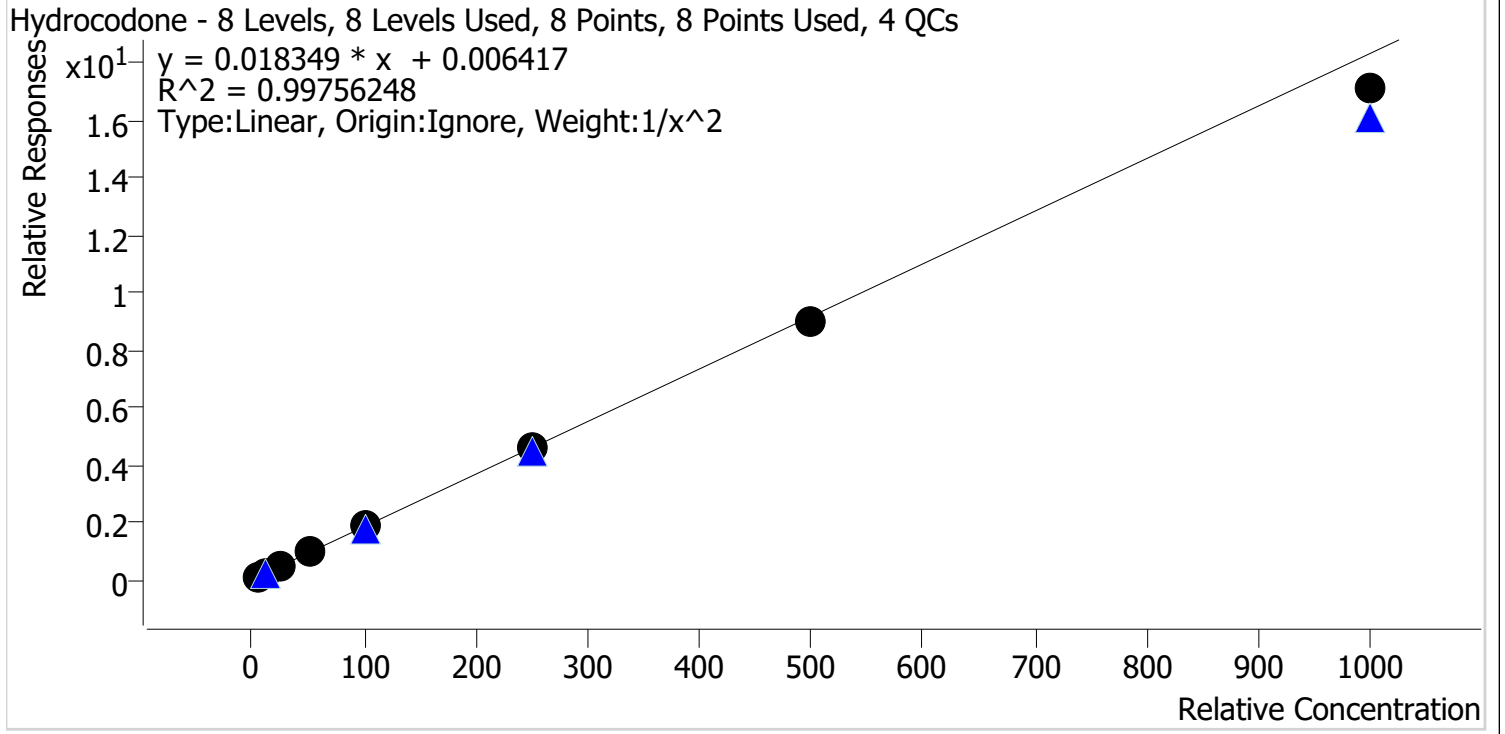


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	244.4	97.8
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1039.5	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



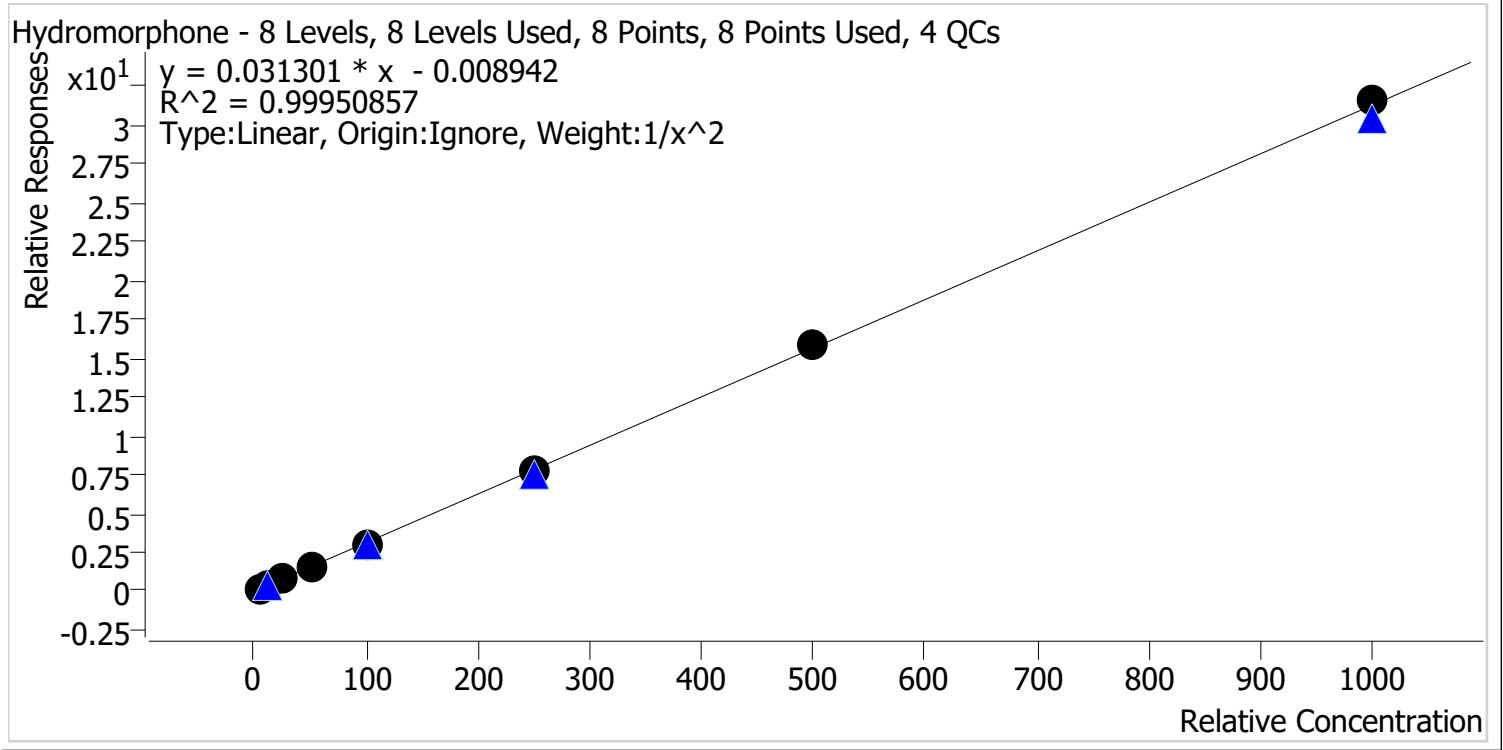
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	250.4	100.2
p1 Cal 7-500ng	7	✓	500.0	487.7	97.5
p1 Cal 8-1000ng	8	✓	1000.0	933.1	93.3

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

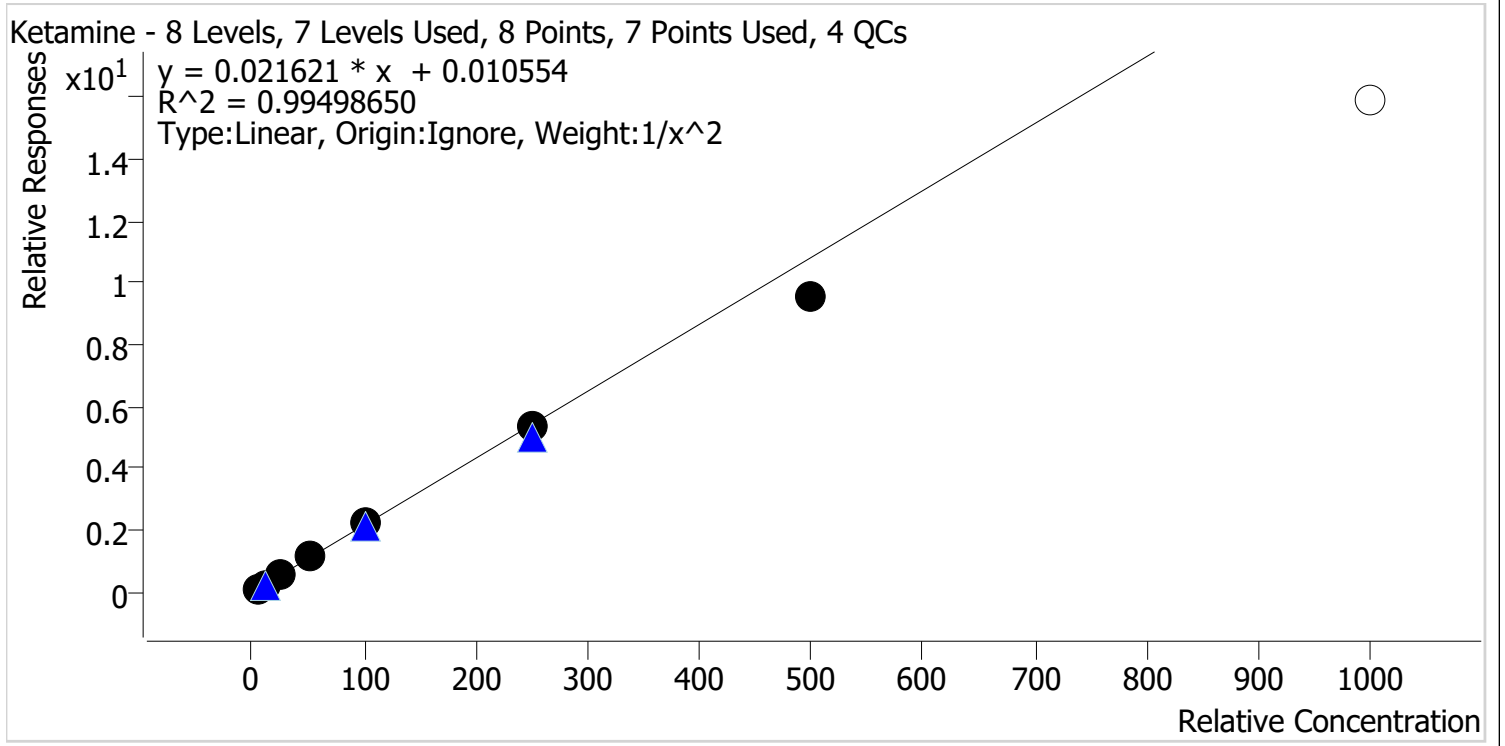


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1009.6	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	443.2	88.6
p1 Cal 8-1000ng	8	✗	1000.0	734.2	73.4

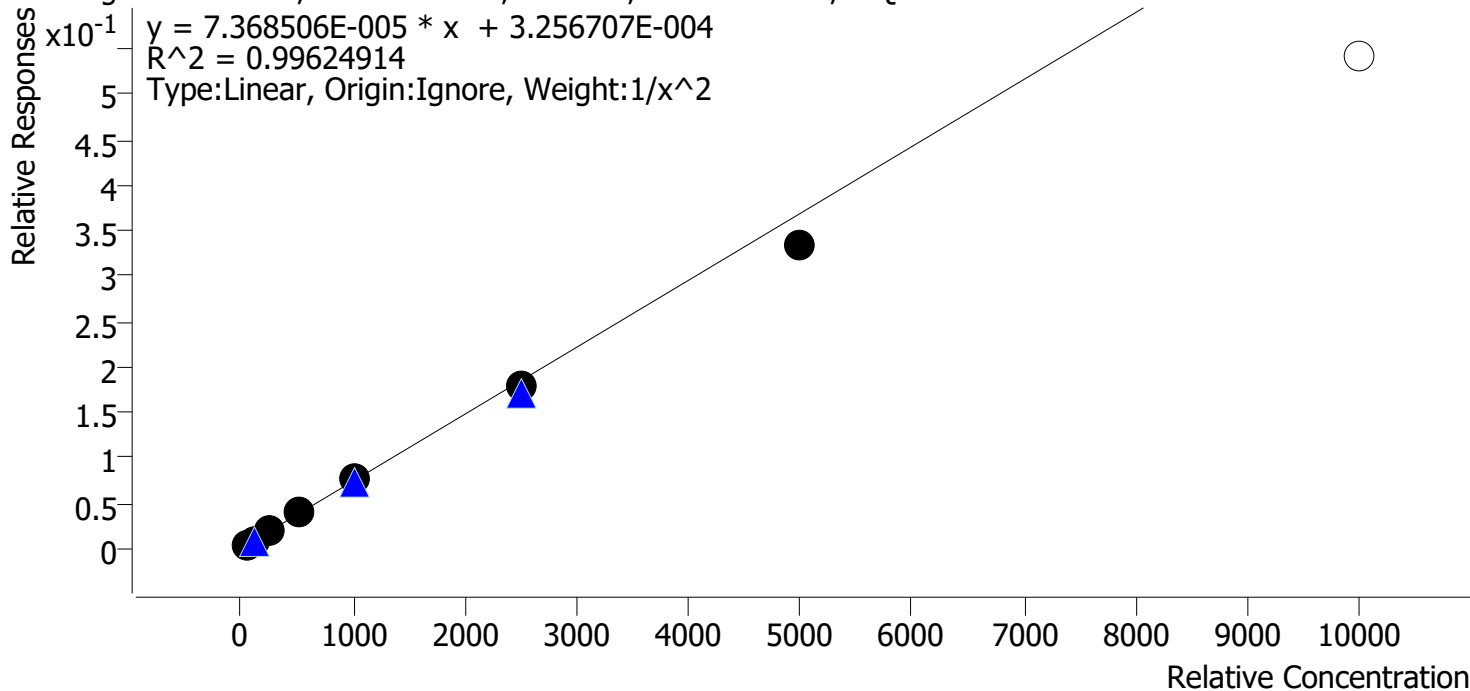
2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

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



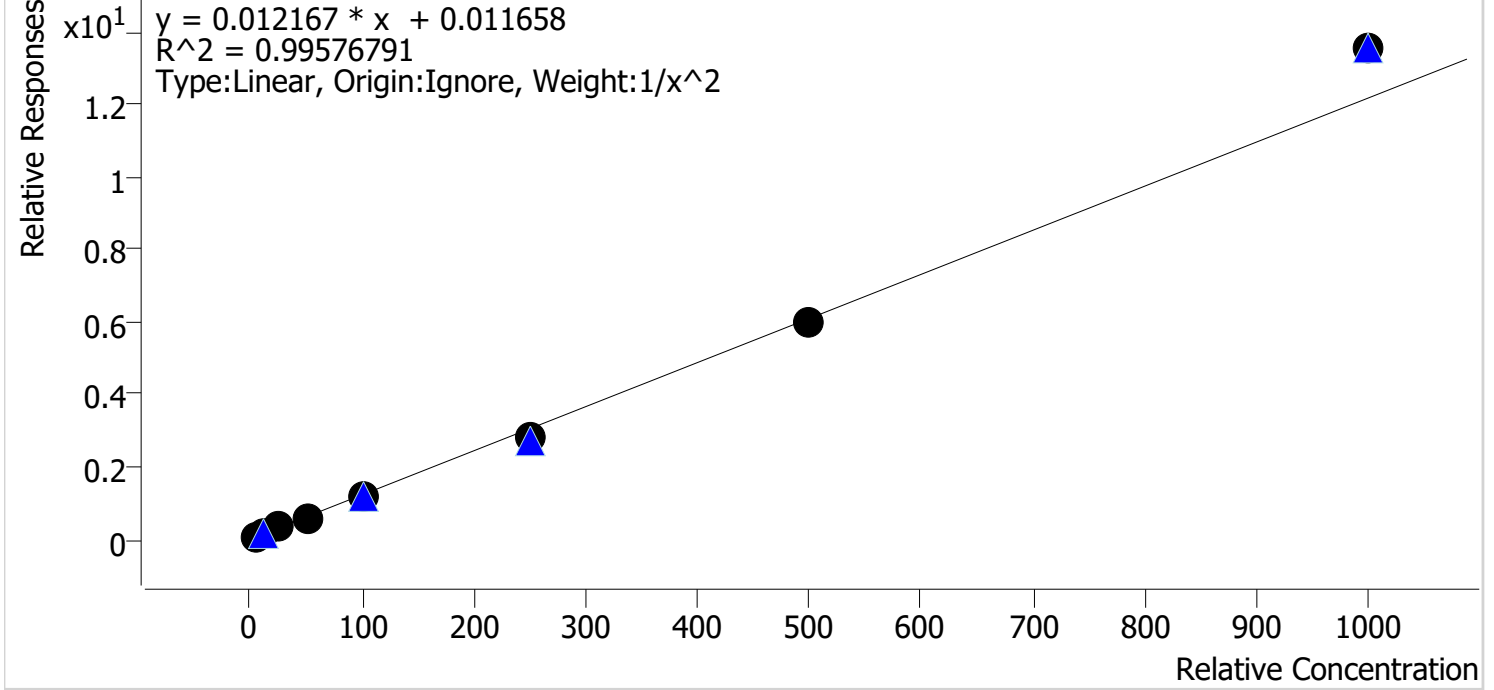
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	50.0	49.2	98.3
p1 Cal 2-10ng	2	✓	100.0	100.7	100.7
p1 Cal 3 -25ng	3	✓	250.0	258.7	103.5
p1 Cal 4-50ng	4	✓	500.0	534.5	106.9
p1 Cal 5-100ng	5	✓	1000.0	1023.0	102.3
p1 Cal 6-250ng	6	✓	2500.0	2443.2	97.7
p1 Cal 7-500ng	7	✓	5000.0	4531.1	90.6
p1 Cal 8-1000ng	8	x	10000.0	7342.2	73.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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

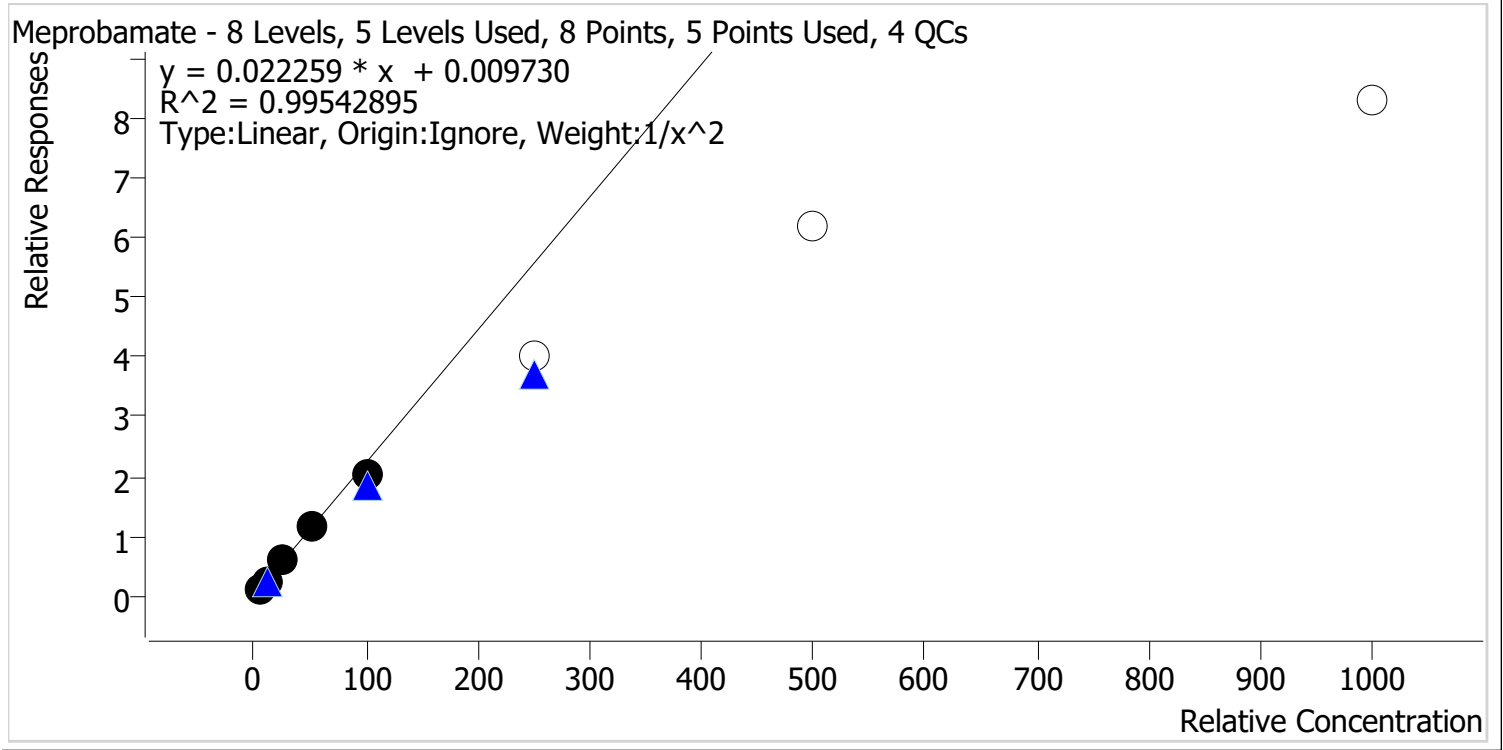


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	94.4	94.4
p1 Cal 6-250ng	6	✓	250.0	232.5	93.0
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1111.8	111.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

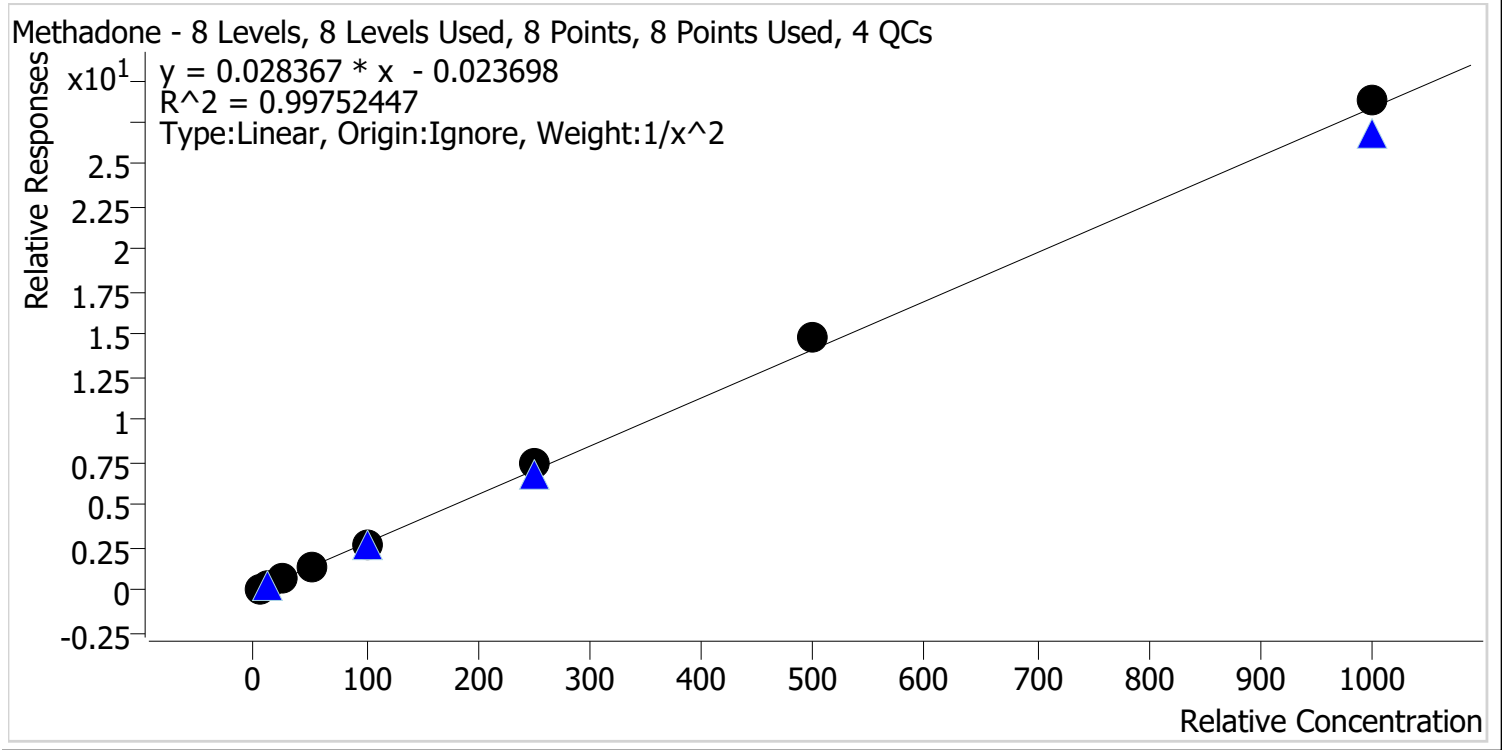


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	92.0	92.0
p1 Cal 6-250ng	6	✗	250.0	181.3	72.5
p1 Cal 7-500ng	7	✗	500.0	277.0	55.4
p1 Cal 8-1000ng	8	✗	1000.0	372.6	37.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



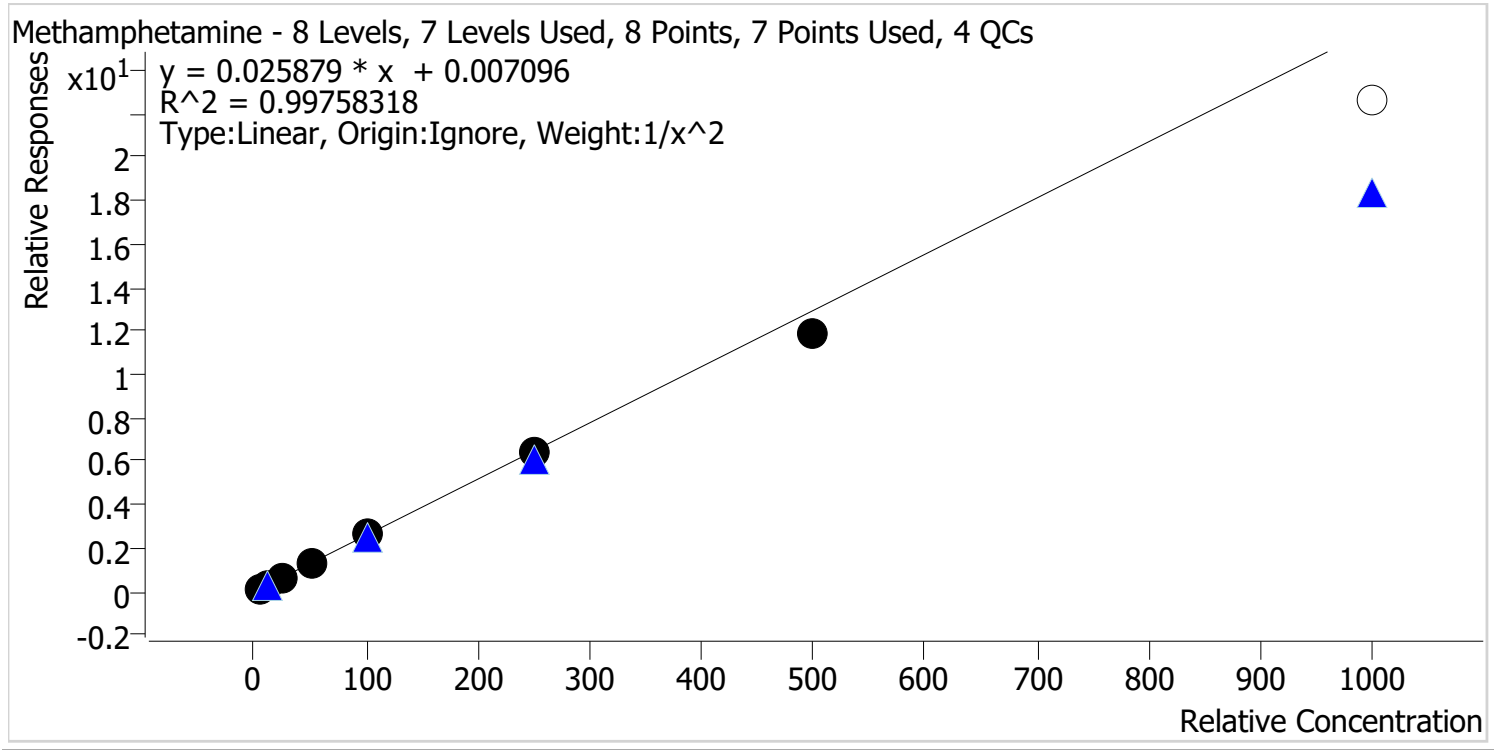
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.3
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	260.9	104.4
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1015.1	101.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

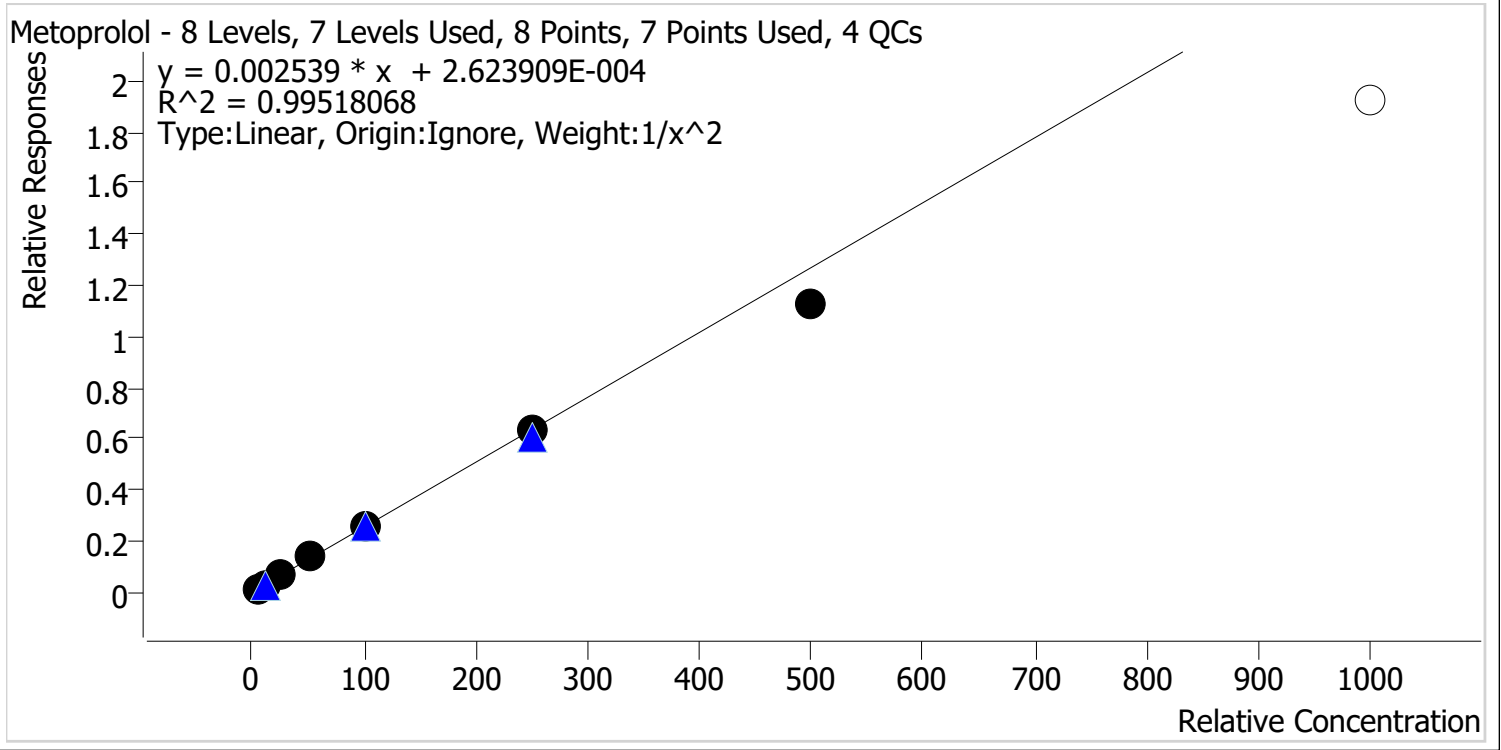


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	457.8	91.6
p1 Cal 8-1000ng	8	✗	1000.0	873.3	87.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

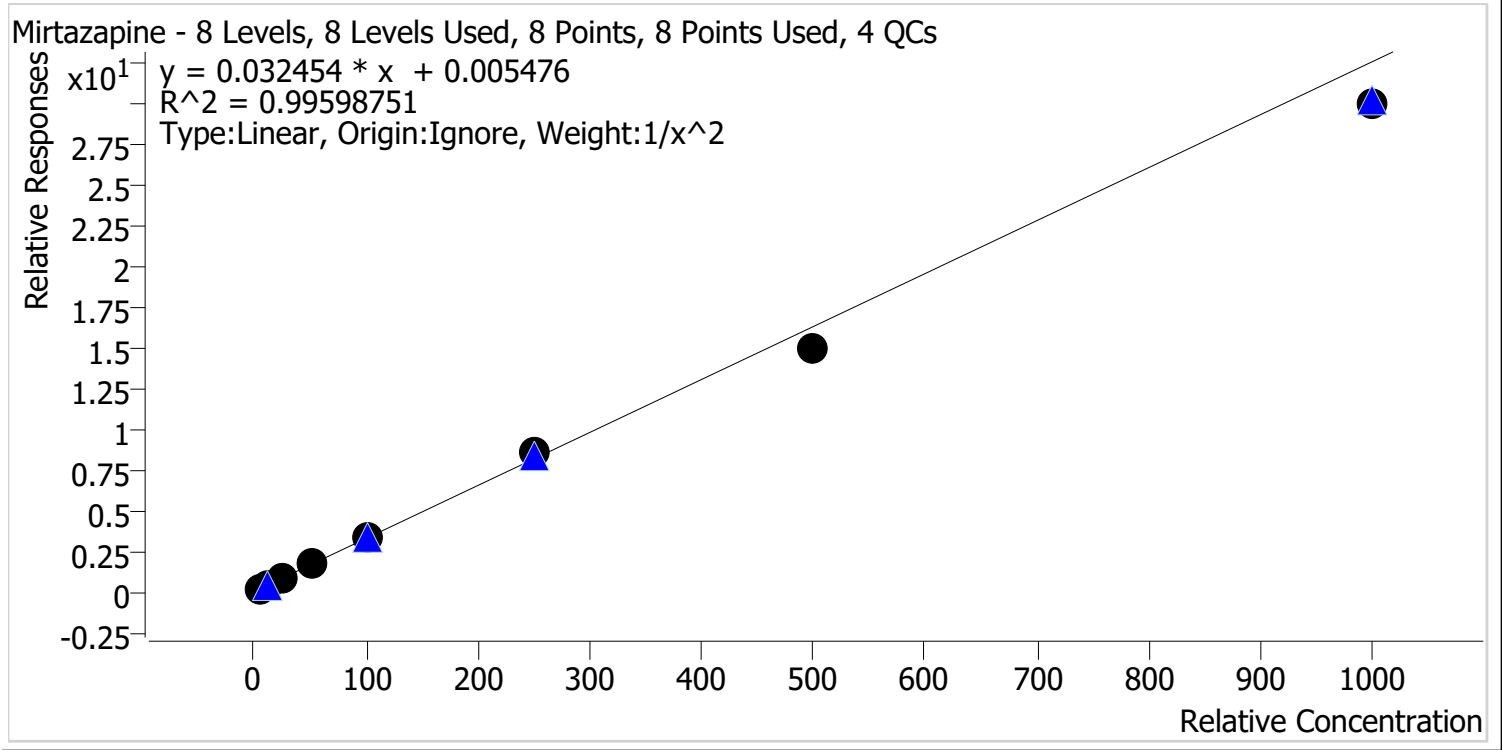


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	441.3	88.3
p1 Cal 8-1000ng	8	✗	1000.0	757.2	75.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

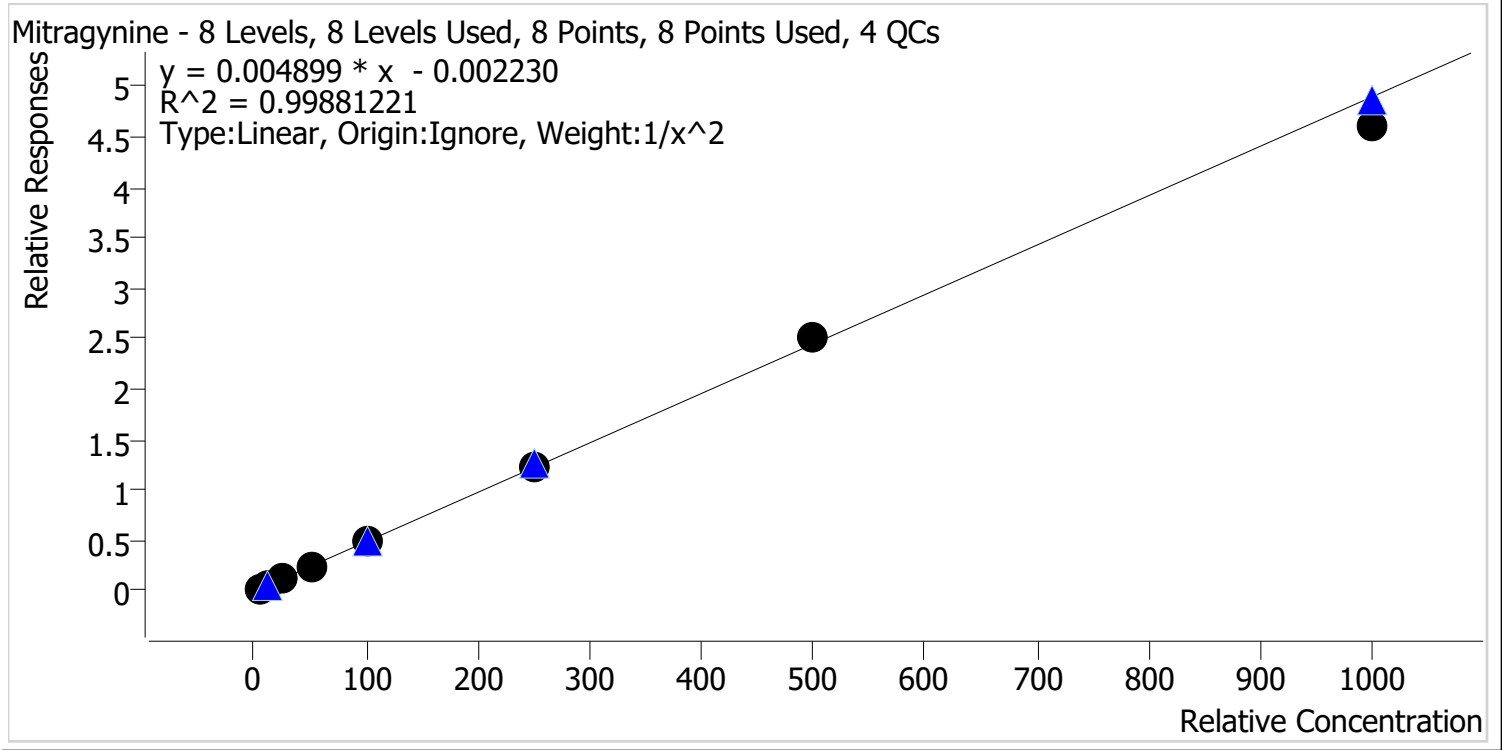


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	263.9	105.6
p1 Cal 7-500ng	7	✓	500.0	459.5	91.9
p1 Cal 8-1000ng	8	✓	1000.0	924.2	92.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

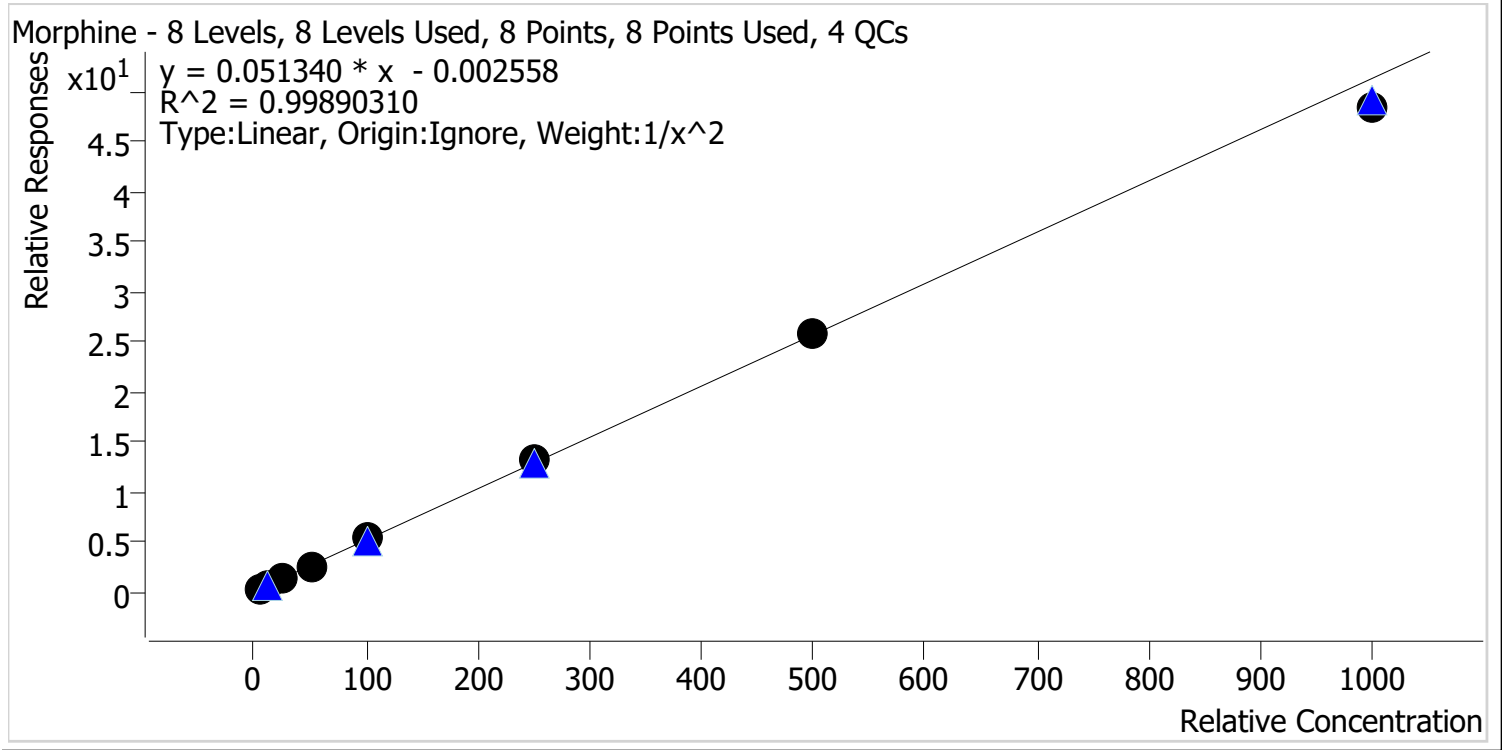


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	515.6	103.1
p1 Cal 8-1000ng	8	✓	1000.0	943.1	94.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



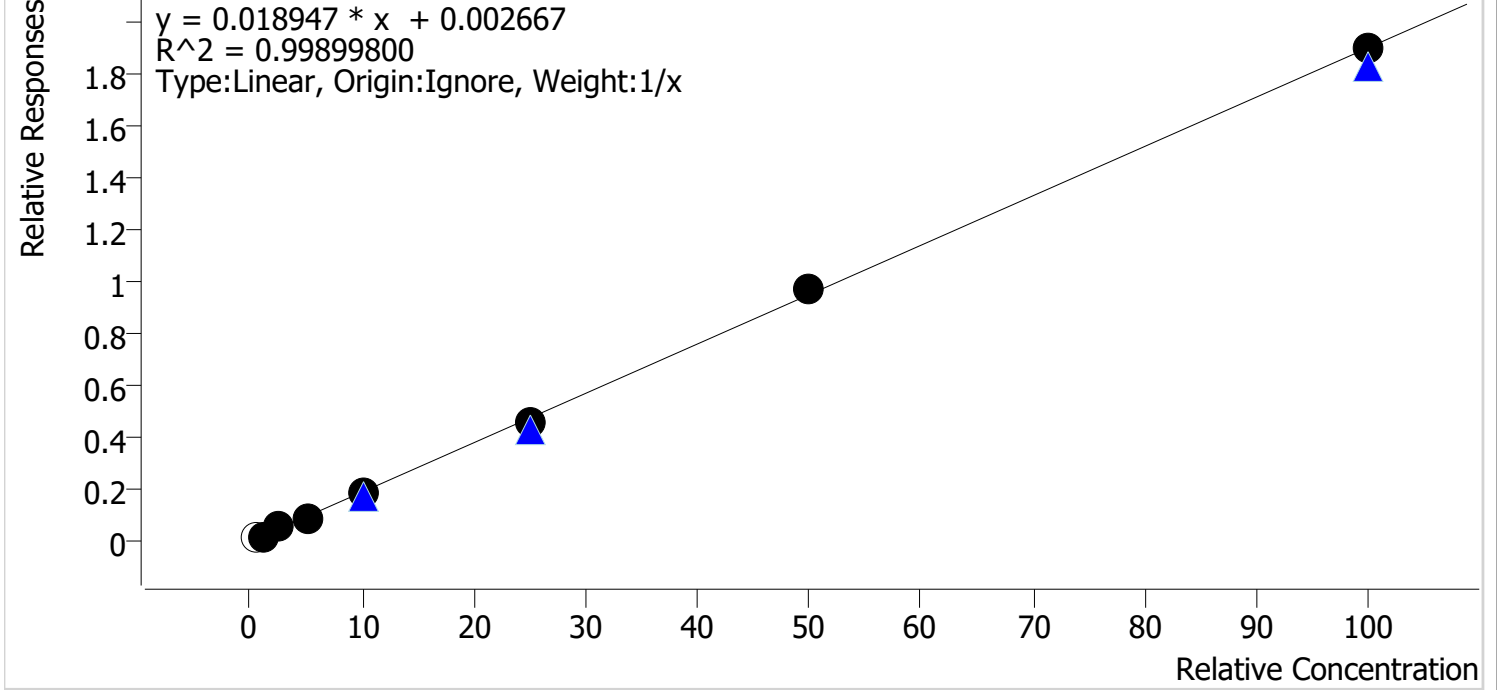
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	944.1	94.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



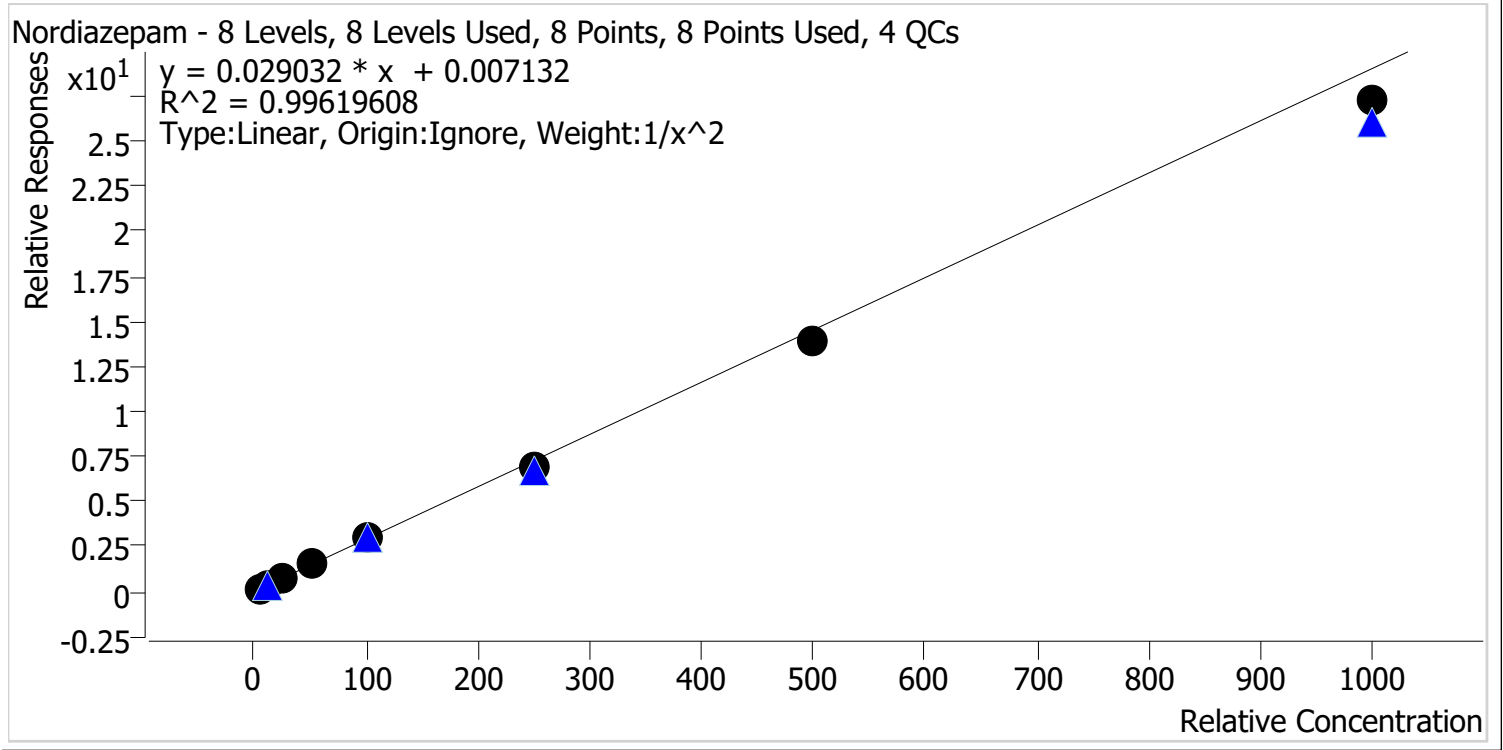
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	1.0	190.1
p1 Cal 2-10ng	2	✓	1.0	1.0	98.3
p1 Cal 3 -25ng	3	✓	2.5	2.8	112.2
p1 Cal 4-50ng	4	✓	5.0	4.5	90.9
p1 Cal 5-100ng	5	✓	10.0	10.0	100.4
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	99.8	99.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

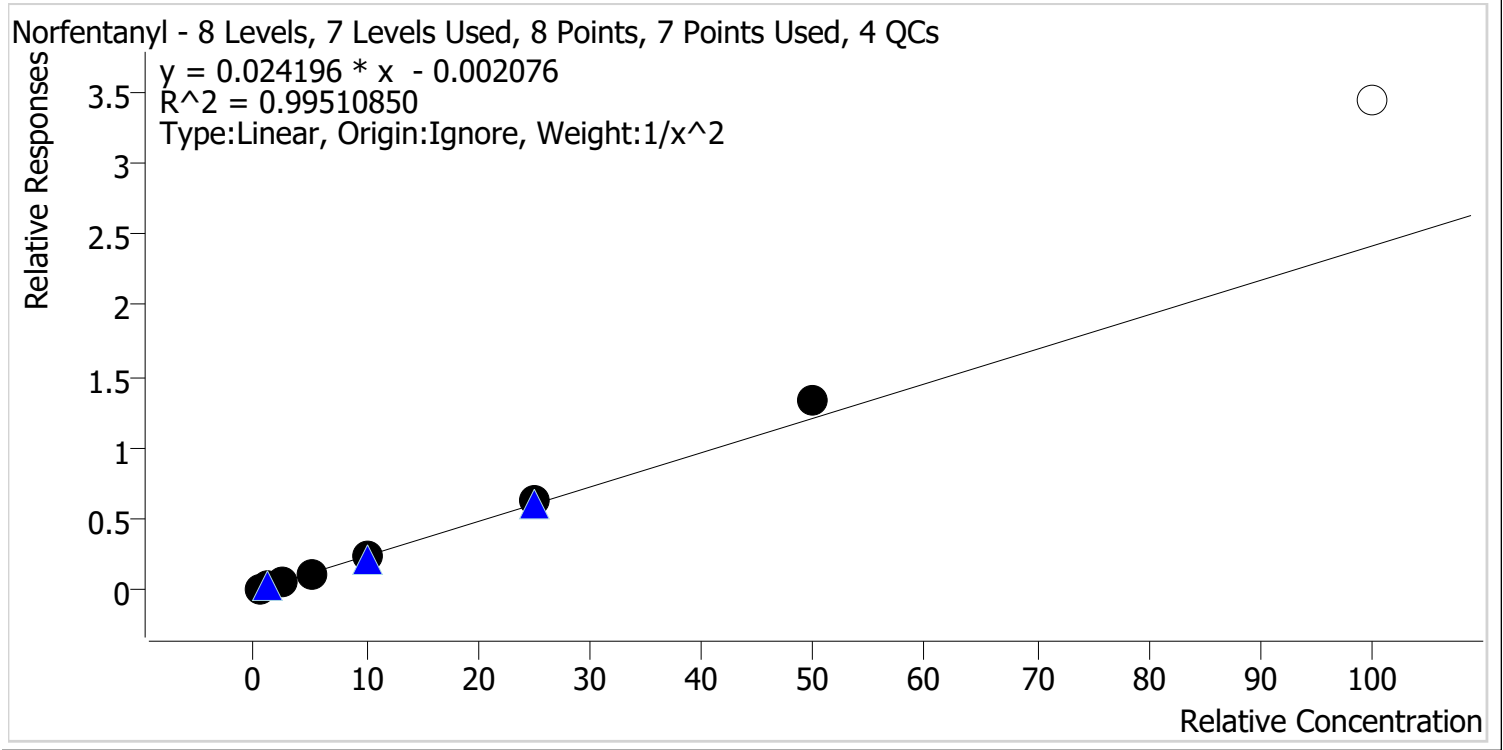


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	237.4	95.0
p1 Cal 7-500ng	7	✓	500.0	478.7	95.7
p1 Cal 8-1000ng	8	✓	1000.0	938.7	93.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

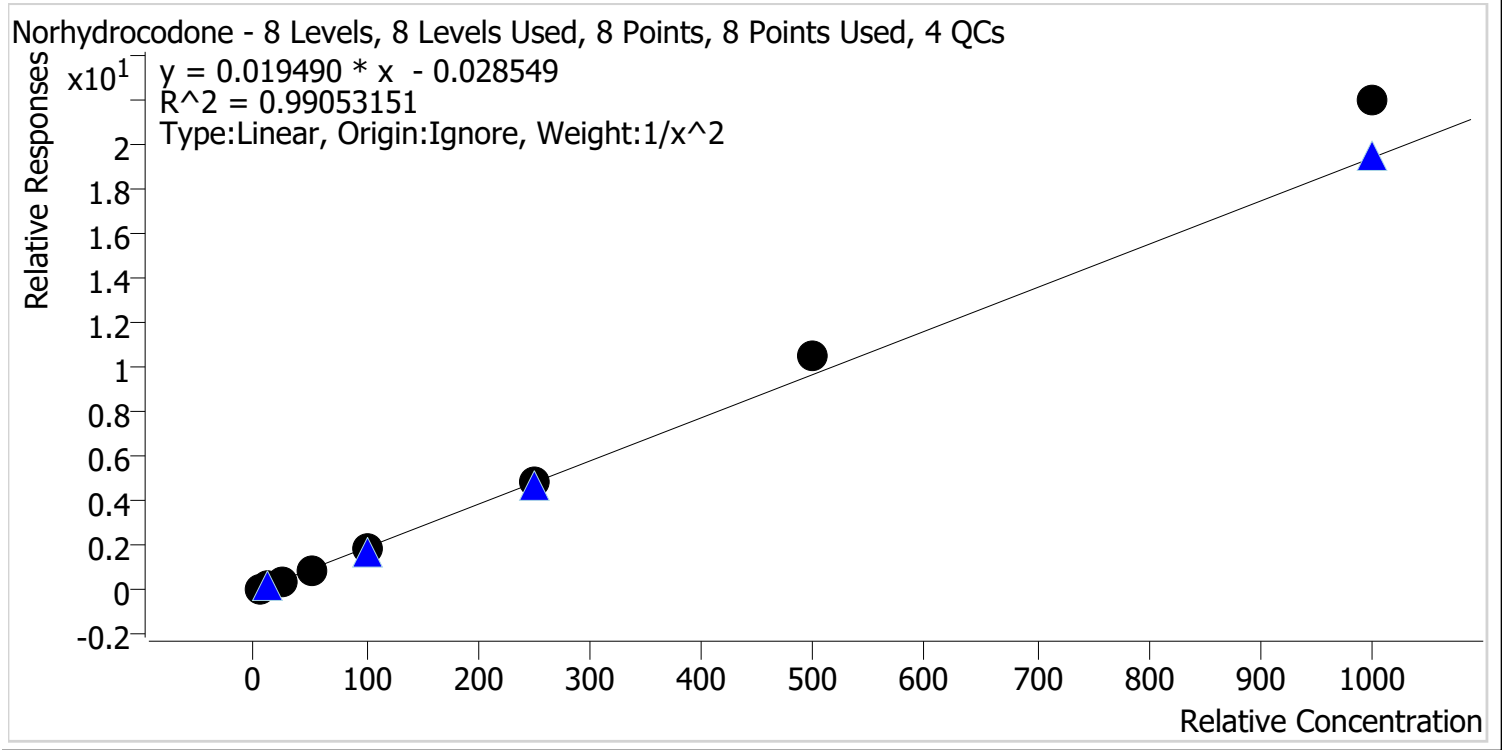


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.3
p1 Cal 4-50ng	4	✓	5.0	4.7	94.3
p1 Cal 5-100ng	5	✓	10.0	9.8	97.5
p1 Cal 6-250ng	6	✓	25.0	25.7	102.8
p1 Cal 7-500ng	7	✓	50.0	55.4	110.8
p1 Cal 8-1000ng	8	✗	100.0	142.2	142.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



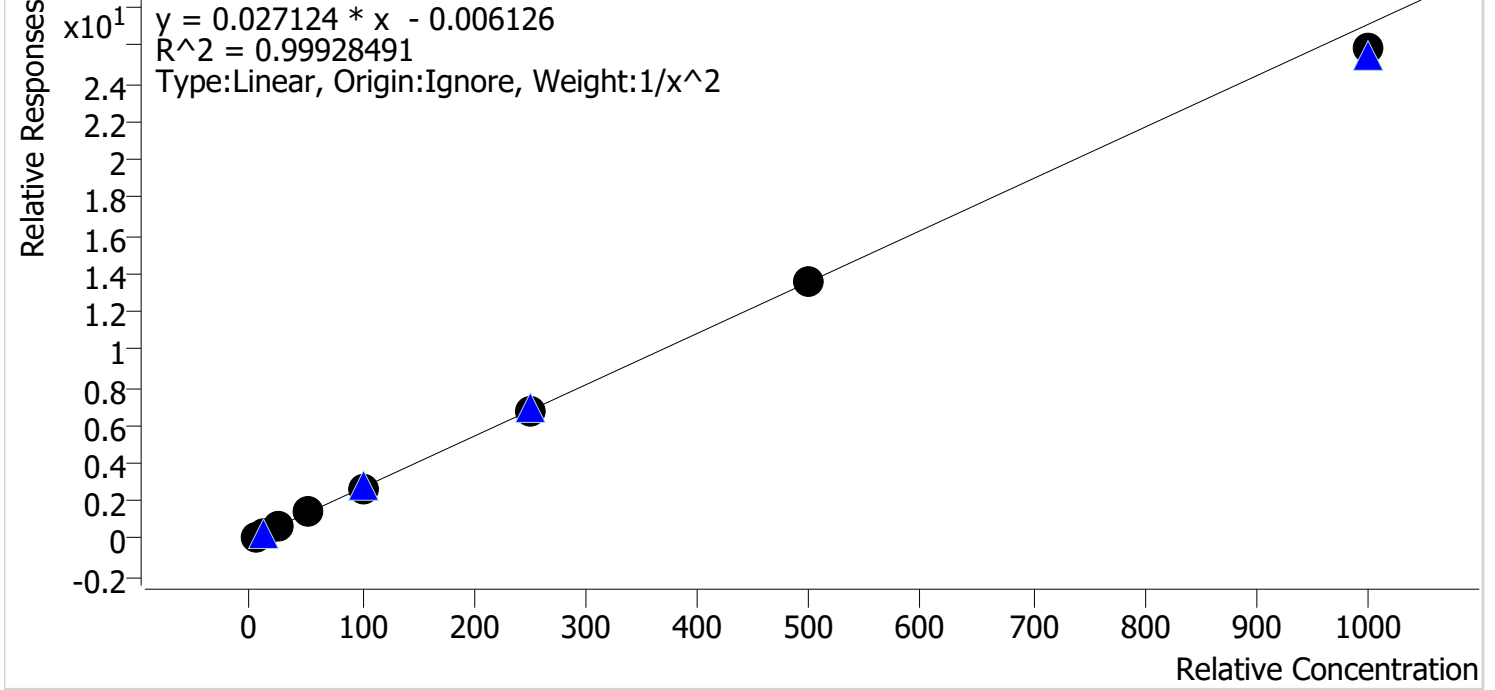
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.0
p1 Cal 2-10ng	2	✓	10.0	9.4	93.6
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.1
p1 Cal 5-100ng	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	543.0	108.6
p1 Cal 8-1000ng	8	✓	1000.0	1131.9	113.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

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

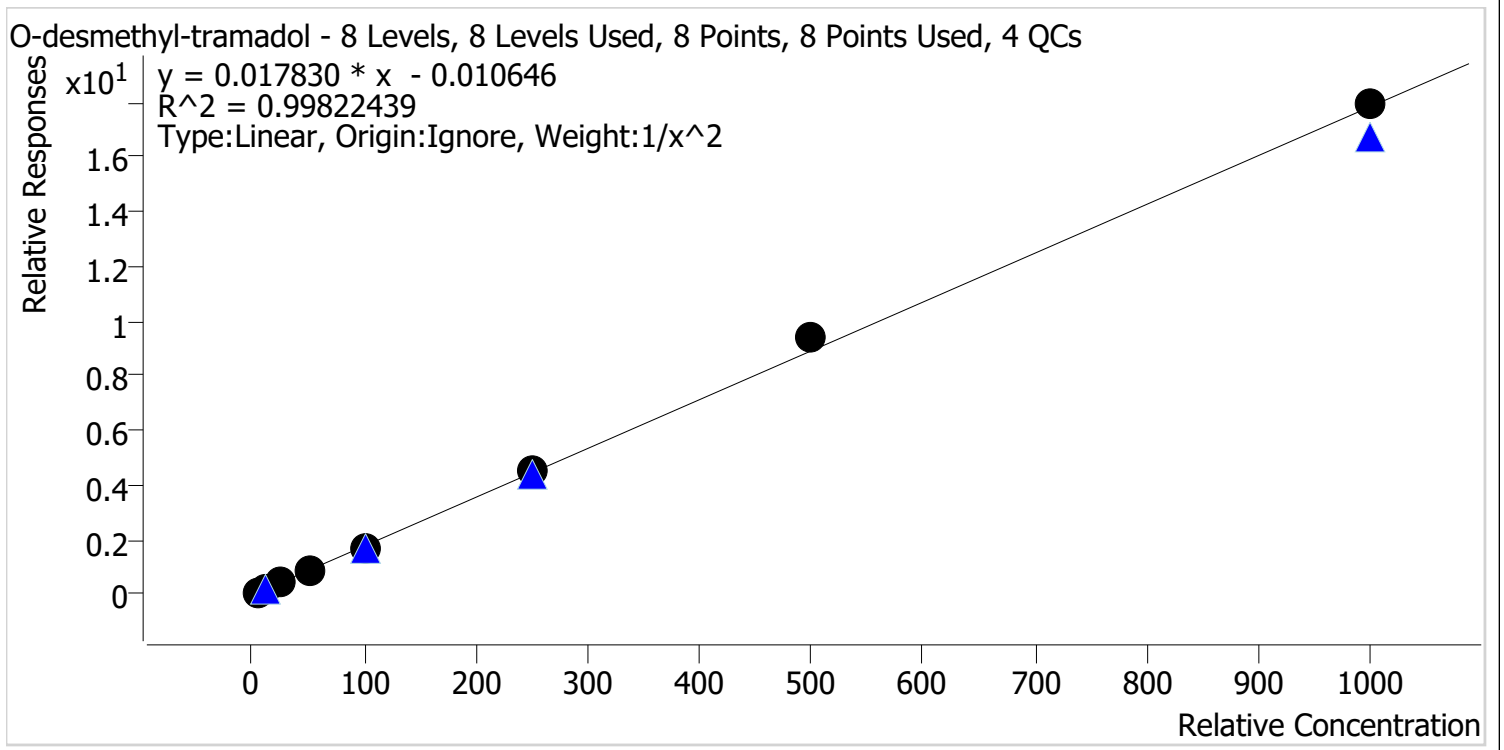


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	497.6	99.5
p1 Cal 8-1000ng	8	✓	1000.0	952.9	95.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



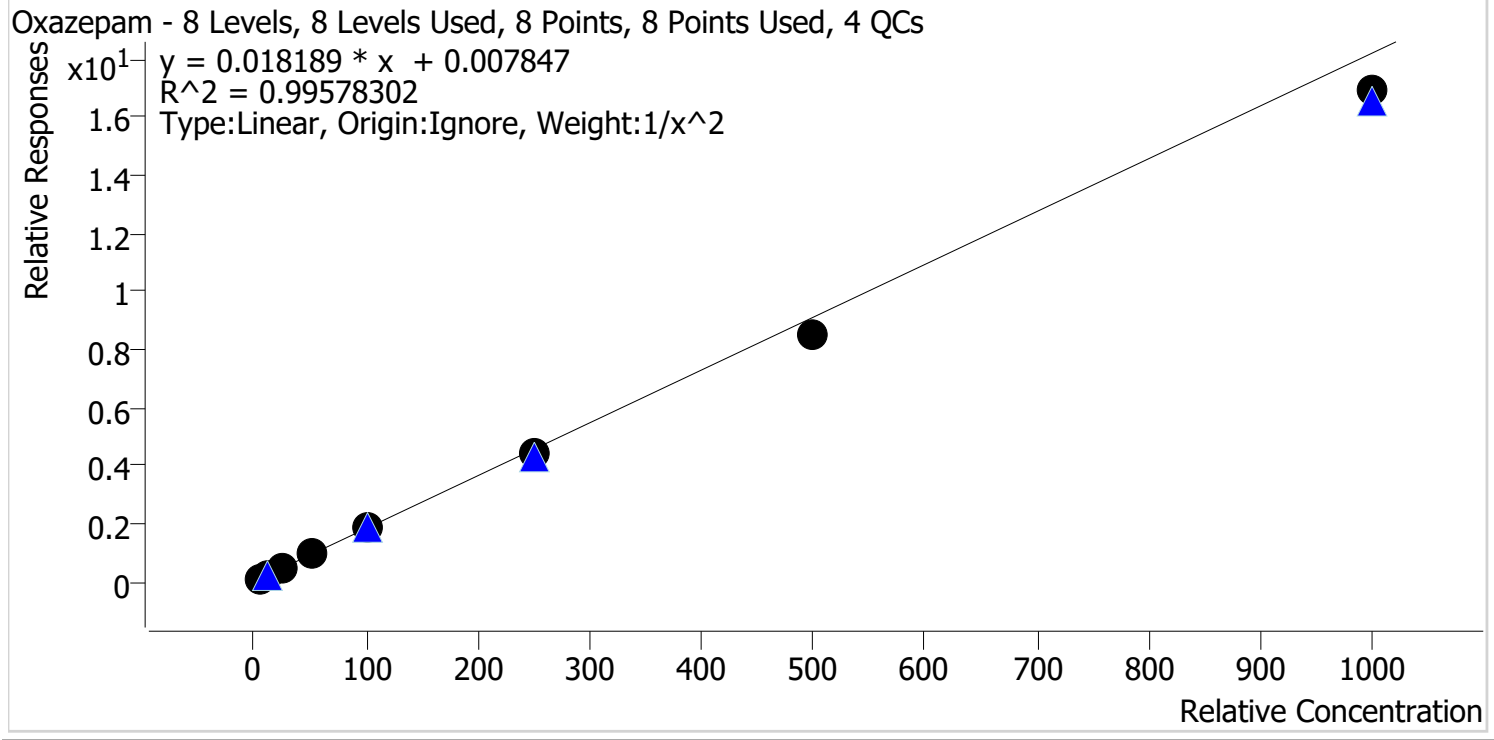
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1005.2	100.5

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

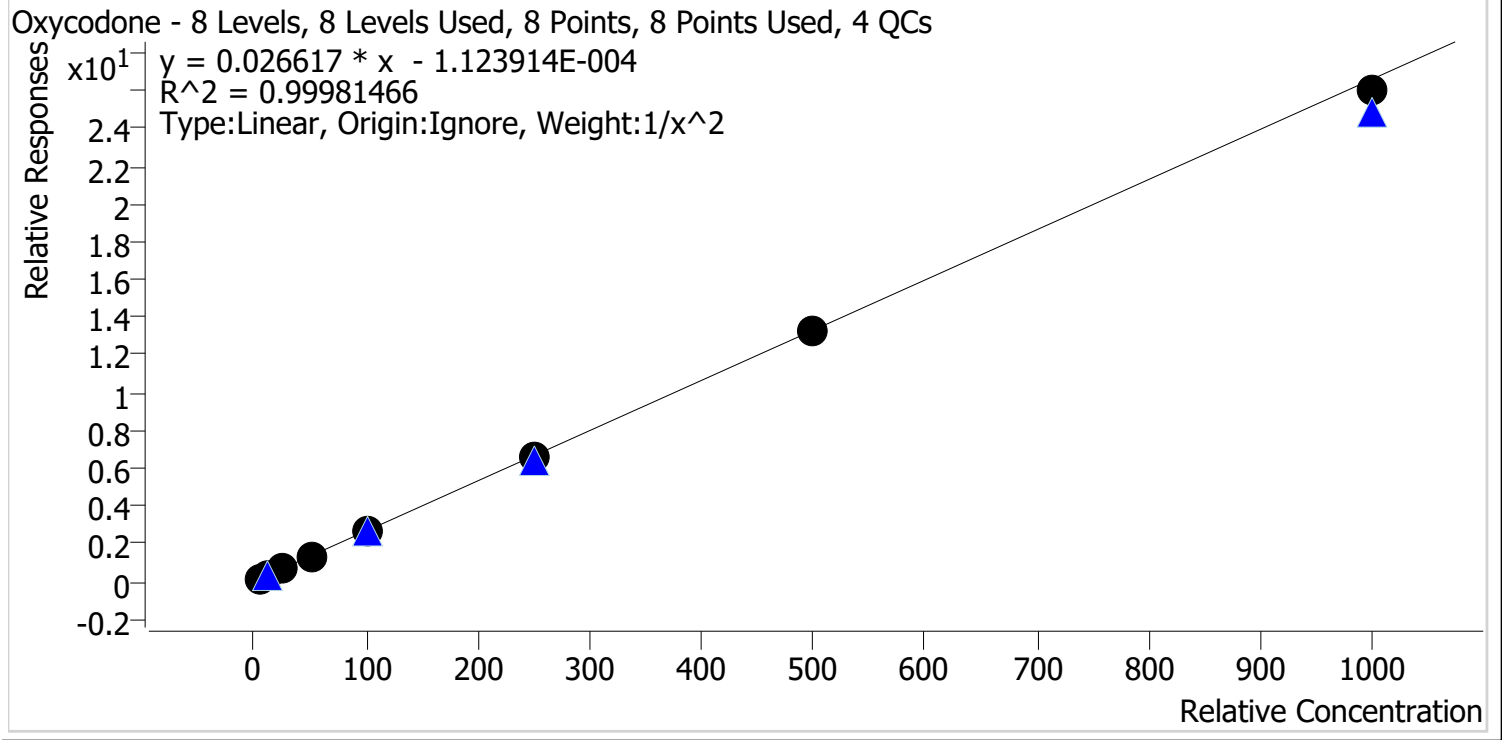


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	55.0	110.1
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	470.0	94.0
p1 Cal 8-1000ng	8	✓	1000.0	929.0	92.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

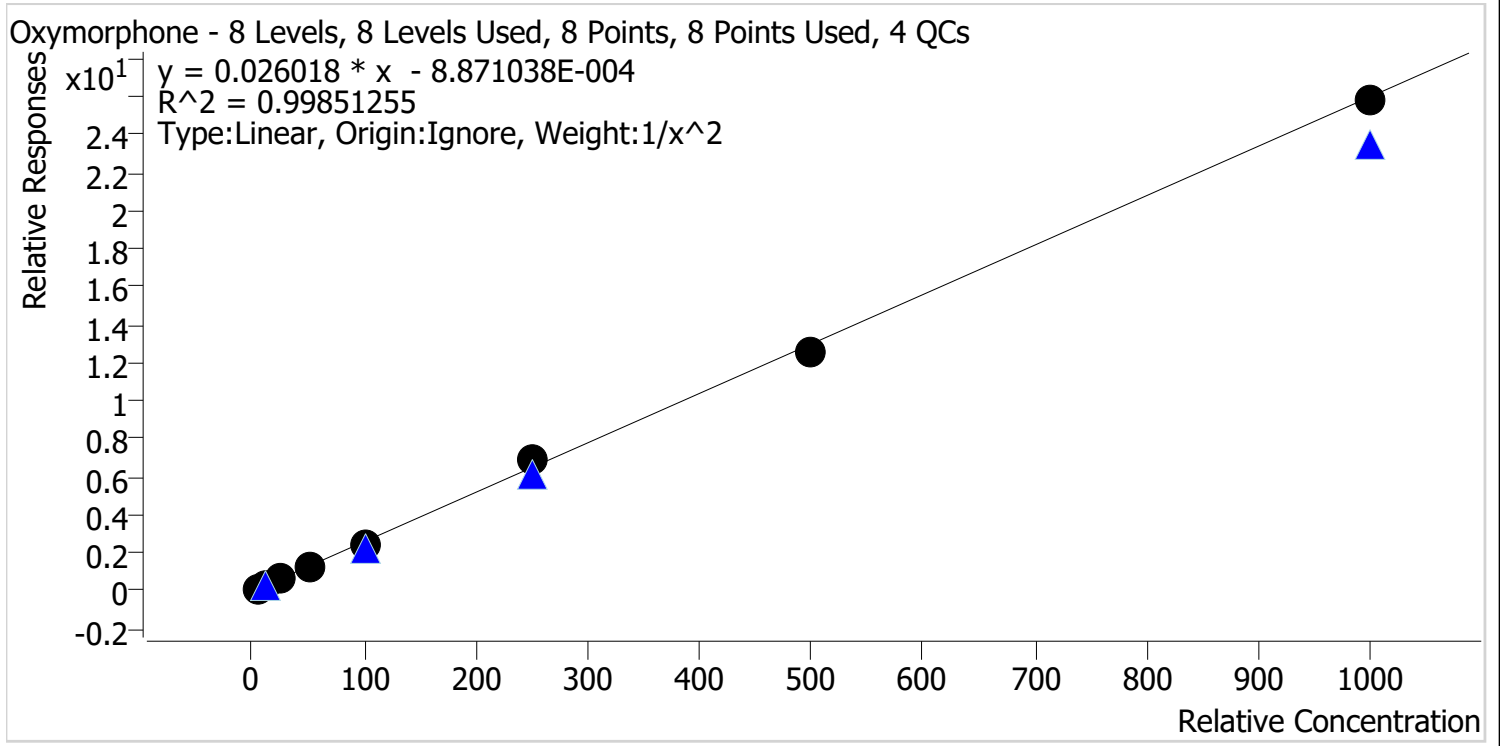


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.2
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	977.2	97.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

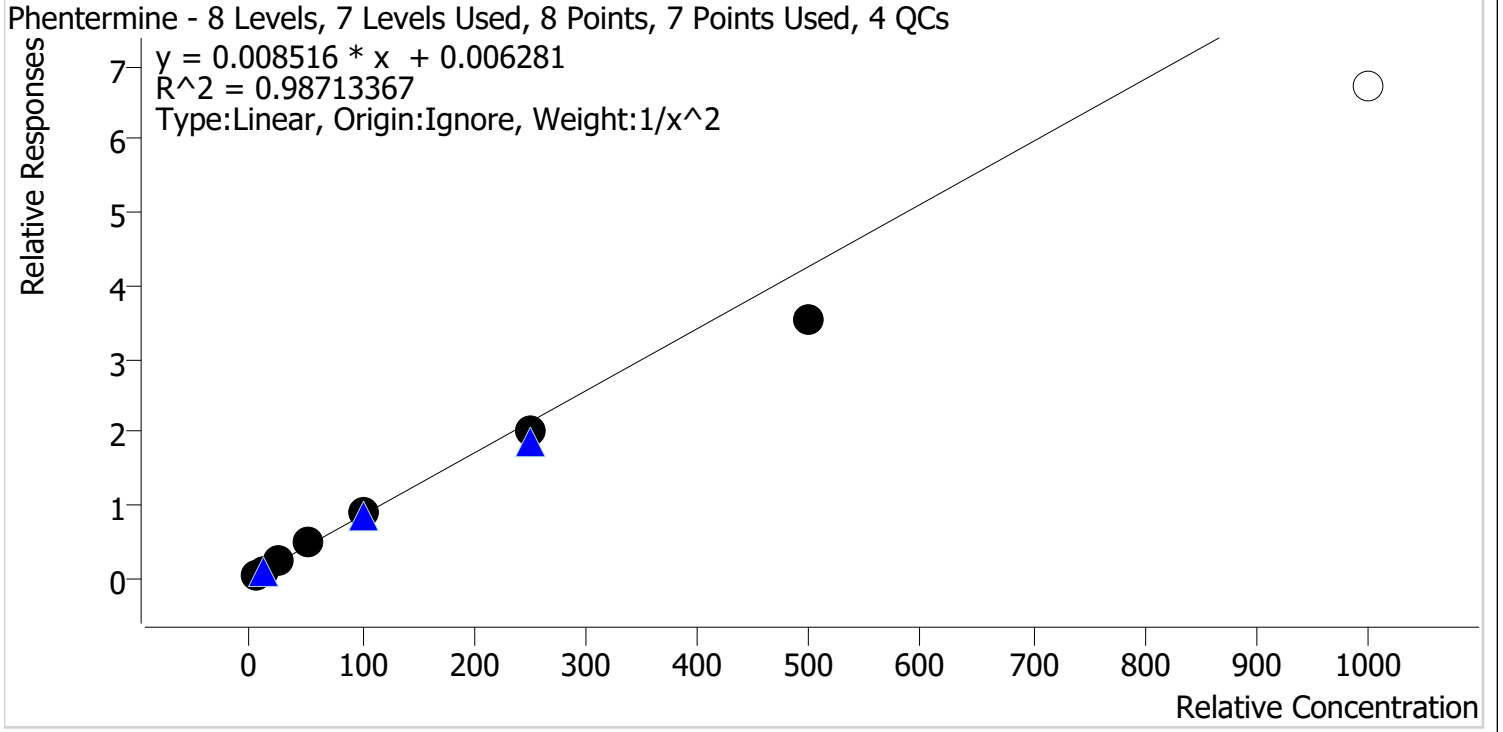


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	264.1	105.6
p1 Cal 7-500ng	7	✓	500.0	484.1	96.8
p1 Cal 8-1000ng	8	✓	1000.0	992.2	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

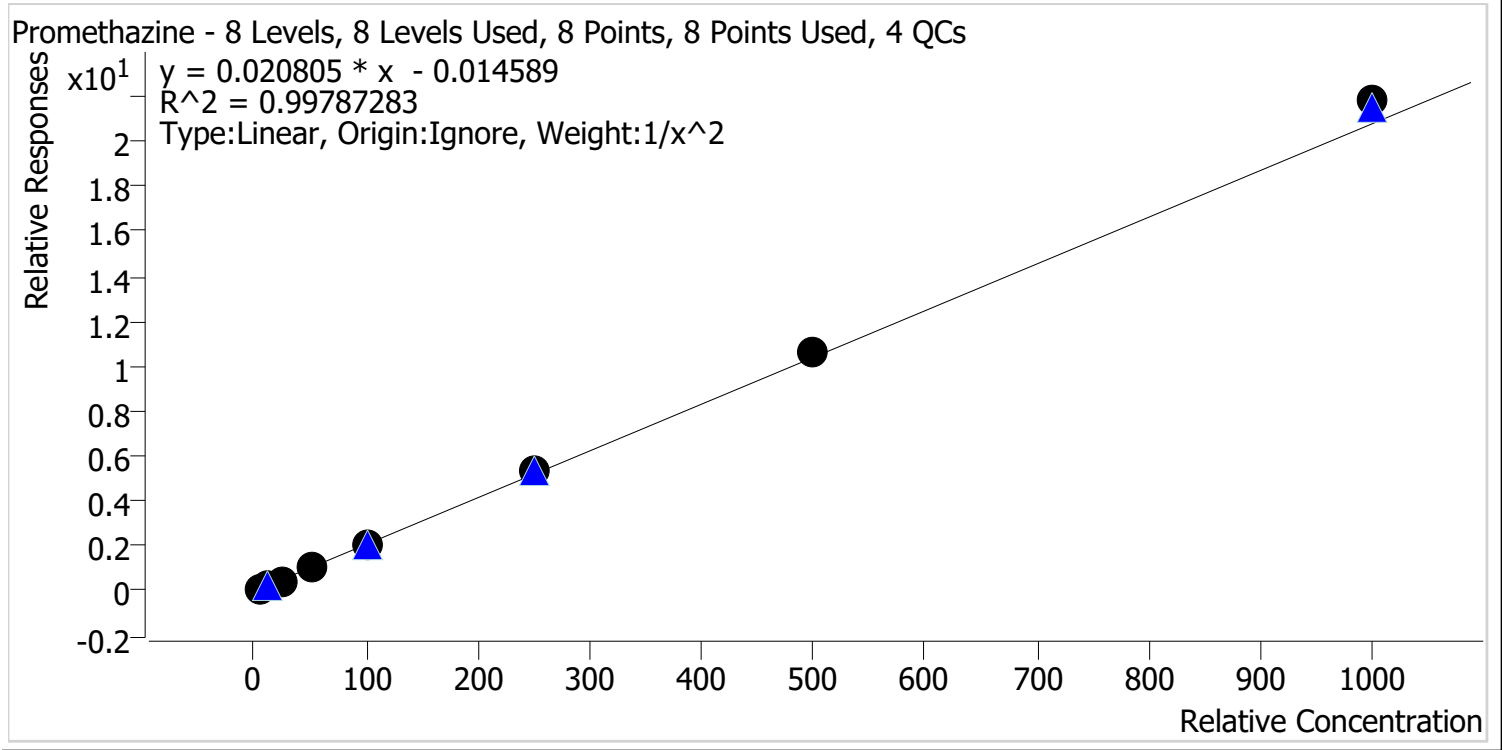


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.1
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	234.9	94.0
p1 Cal 7-500ng	7	✓	500.0	416.9	83.4
p1 Cal 8-1000ng	8	✗	1000.0	788.4	78.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



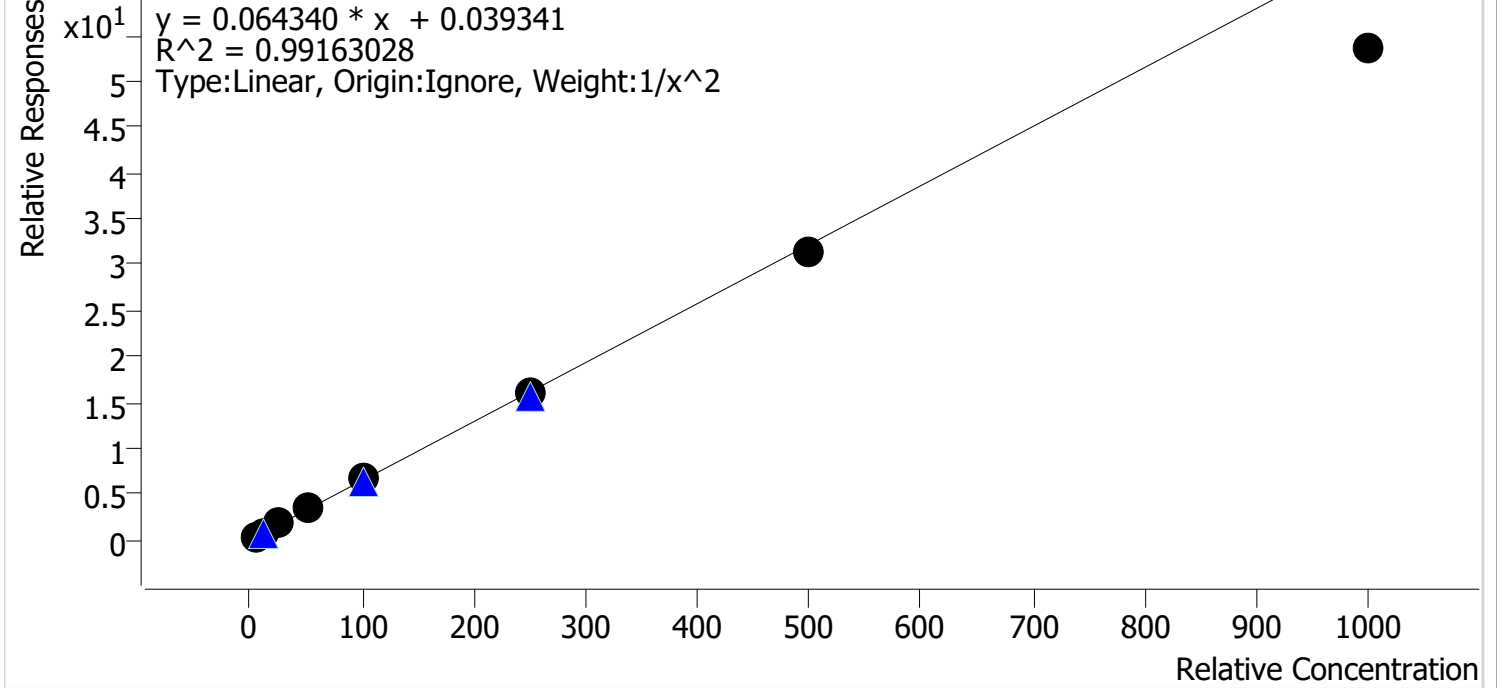
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	512.0	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1049.6	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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

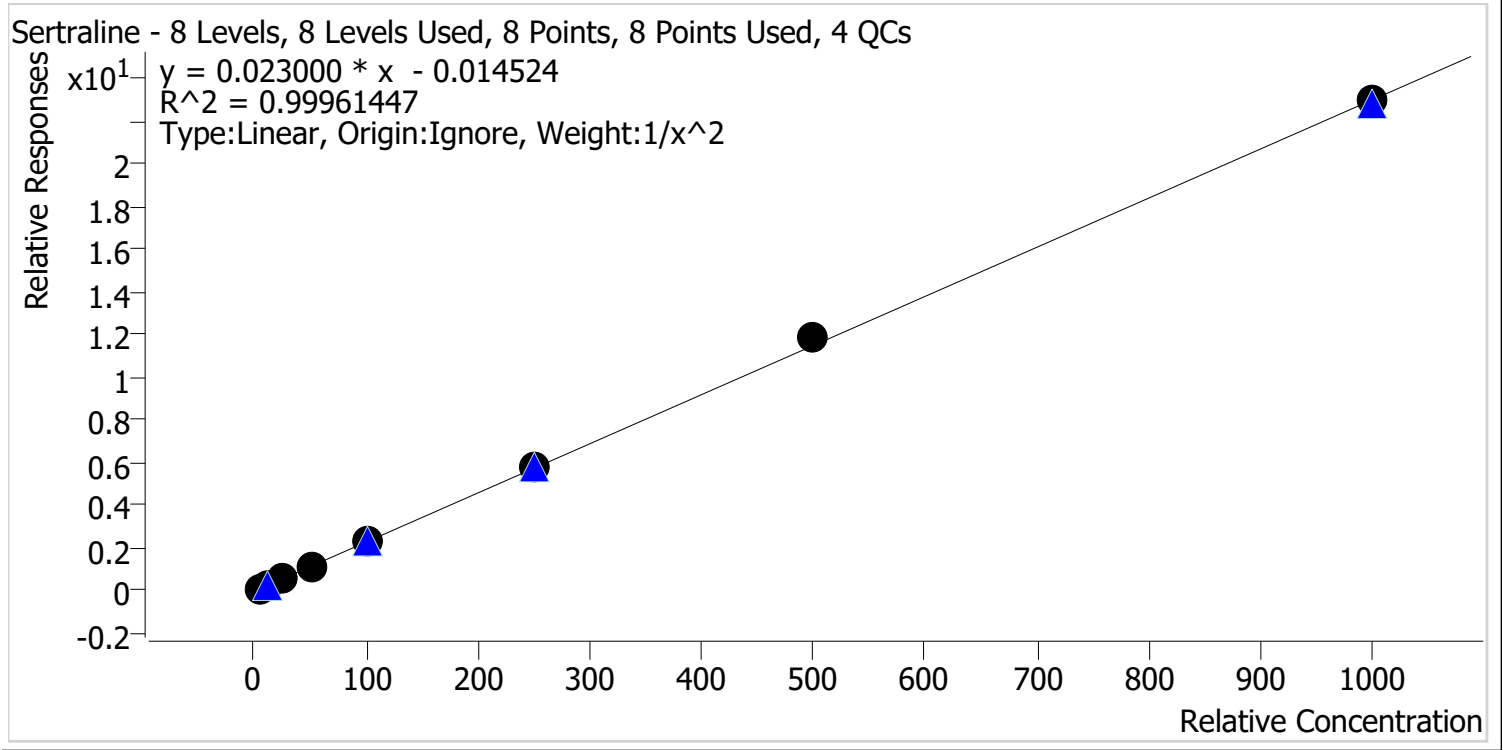


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	251.9	100.8
p1 Cal 7-500ng	7	✓	500.0	485.7	97.1
p1 Cal 8-1000ng	8	✓	1000.0	832.1	83.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



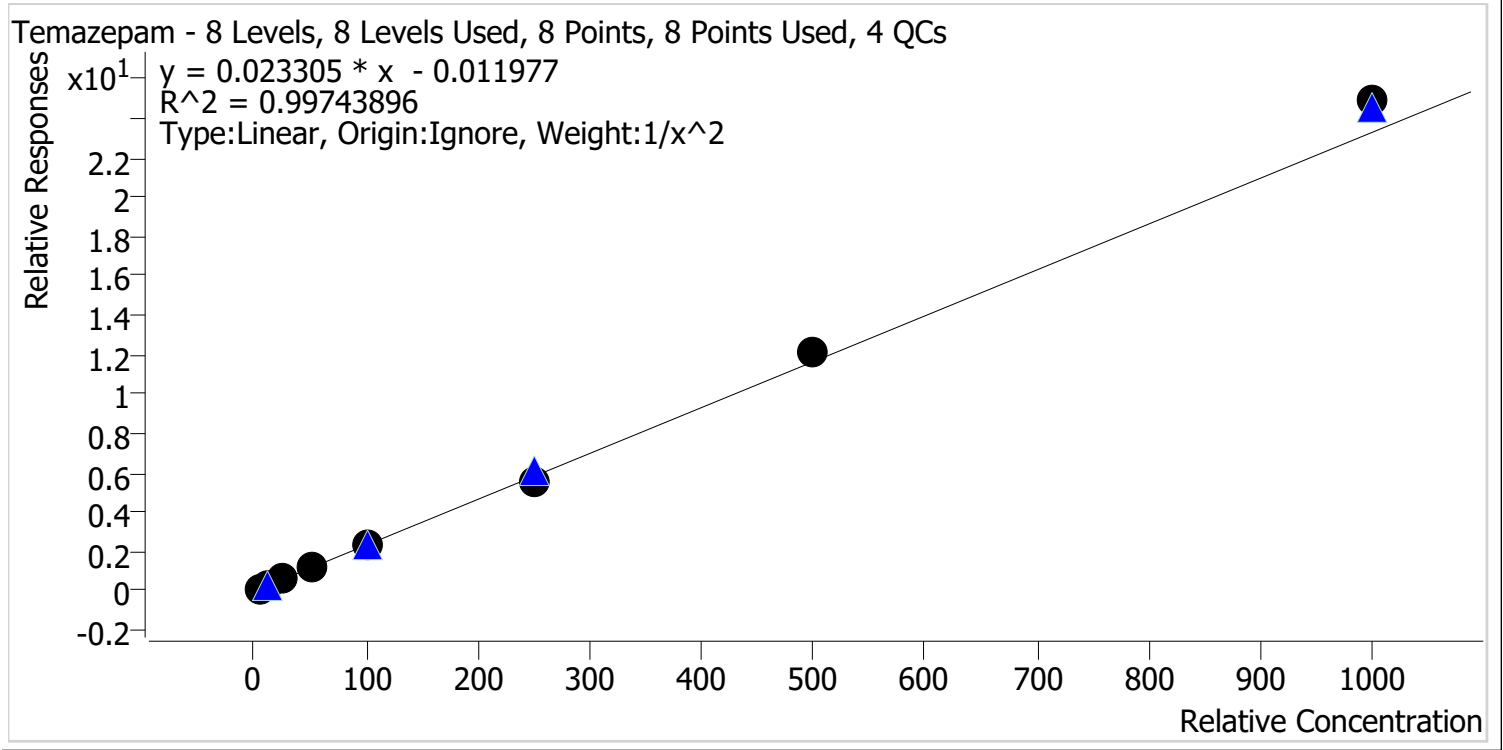
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	513.7	102.7
p1 Cal 8-1000ng	8	✓	1000.0	998.6	99.9

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

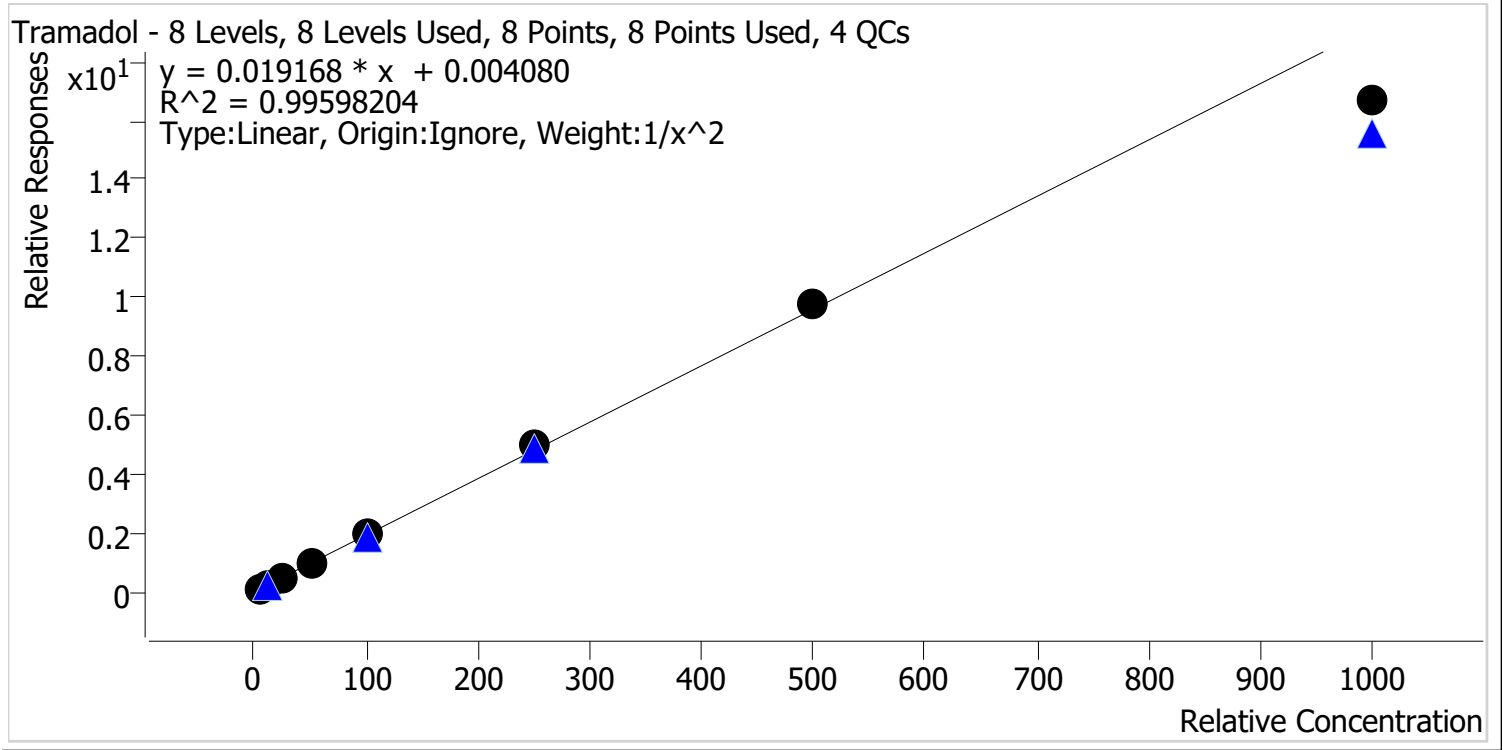


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	235.7	94.3
p1 Cal 7-500ng	7	✓	500.0	522.8	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1069.2	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

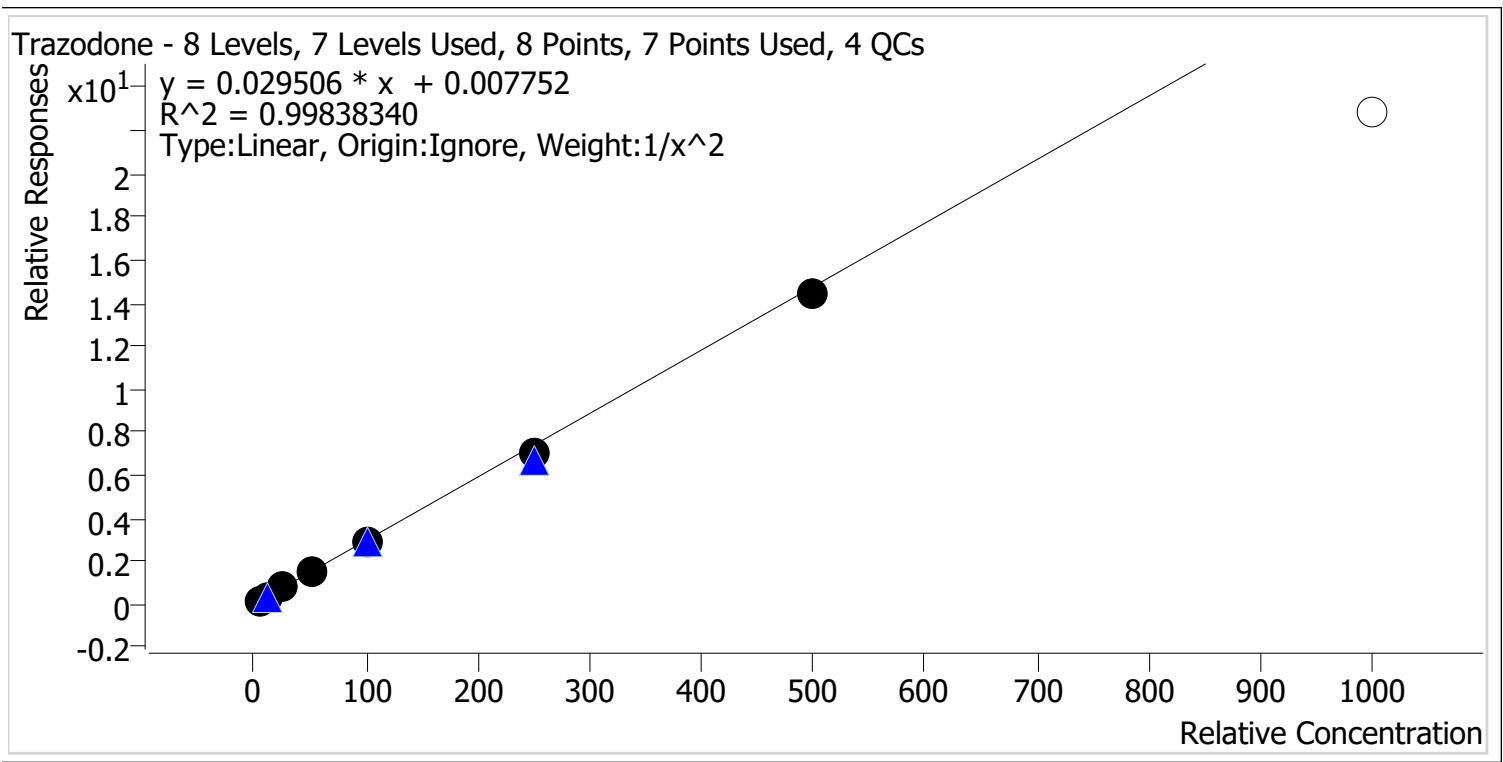


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.9
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	510.2	102.0
p1 Cal 8-1000ng	8	✓	1000.0	869.9	87.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

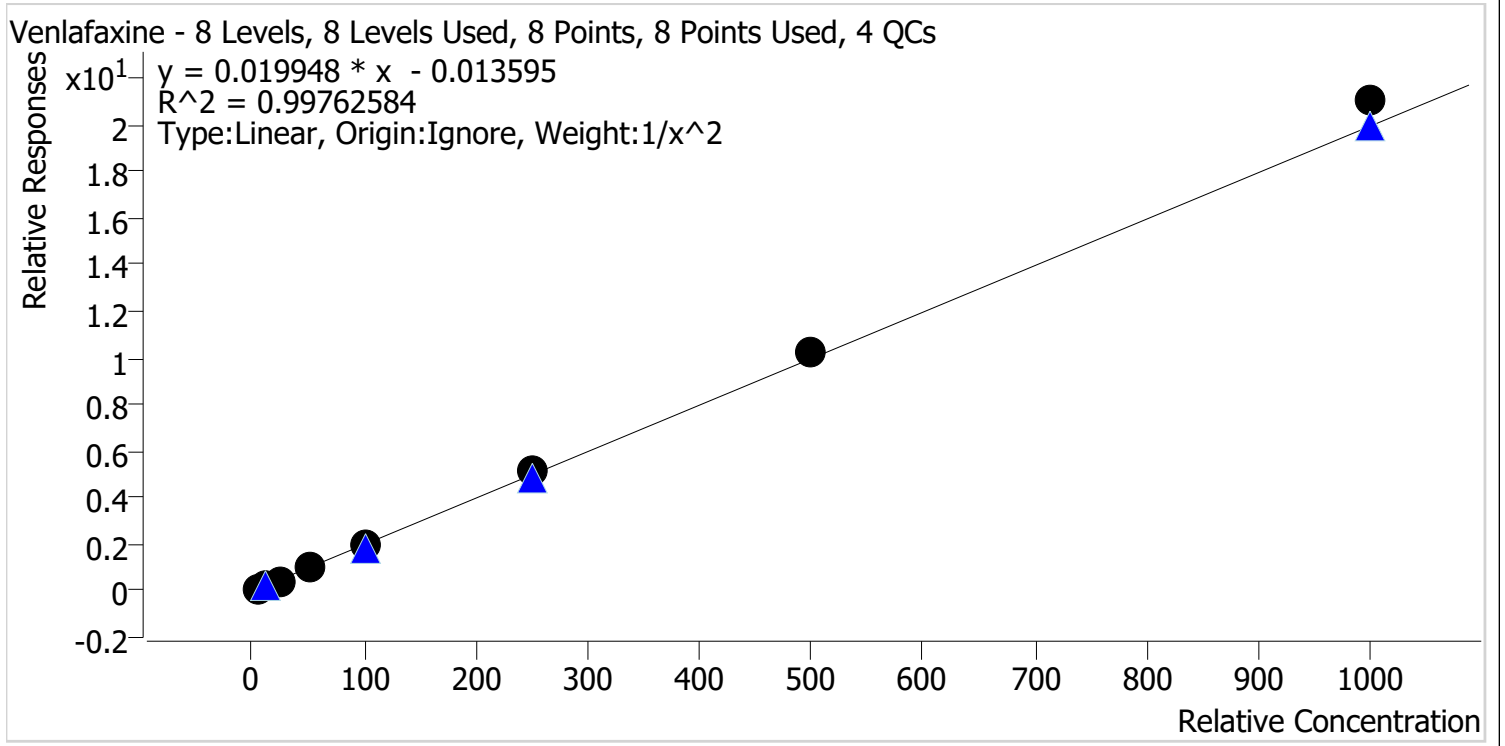


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	486.3	97.3
p1 Cal 8-1000ng	8	x	1000.0	774.1	77.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

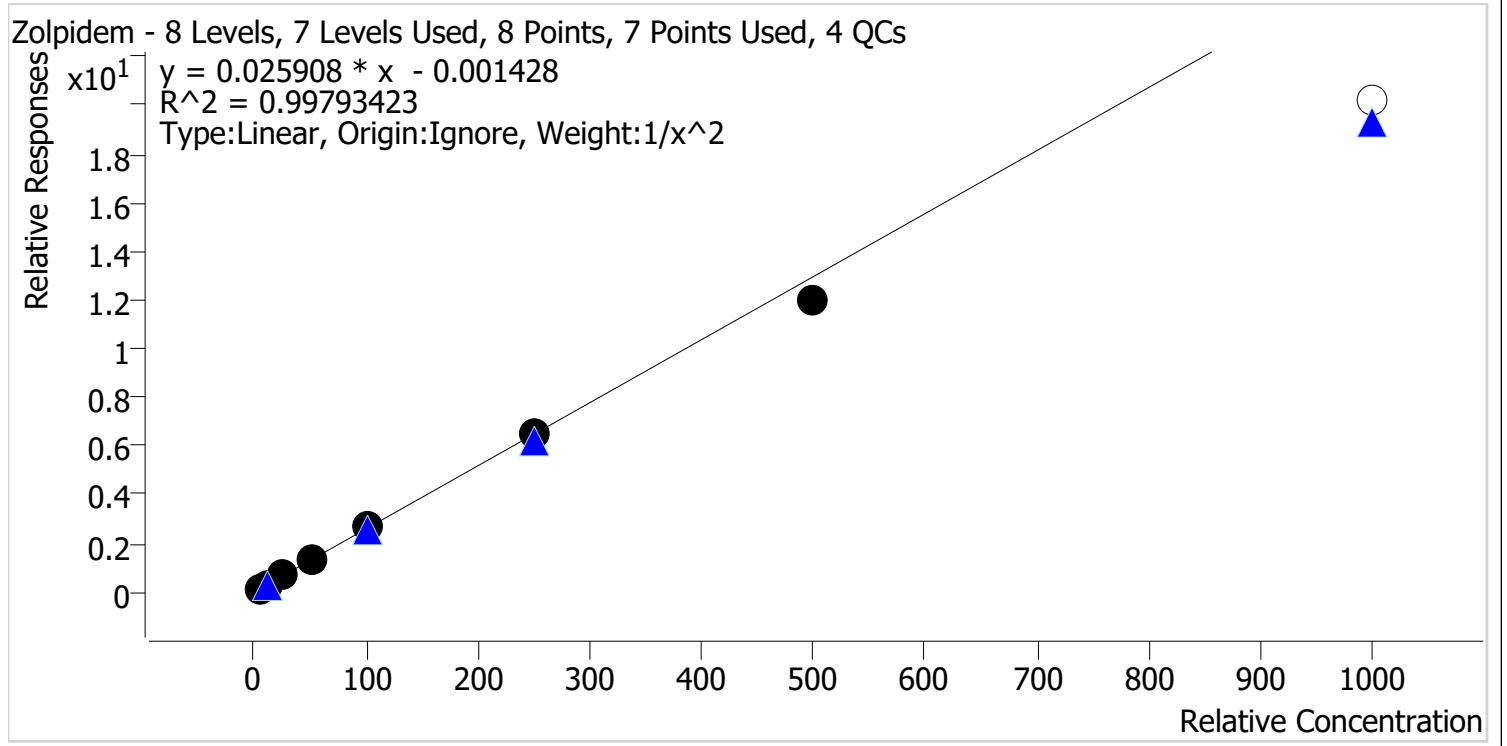


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.2
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1055.0	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/29/2024 8:57 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	460.8	92.2
p1 Cal 8-1000ng	8	✗	1000.0	779.3	77.9



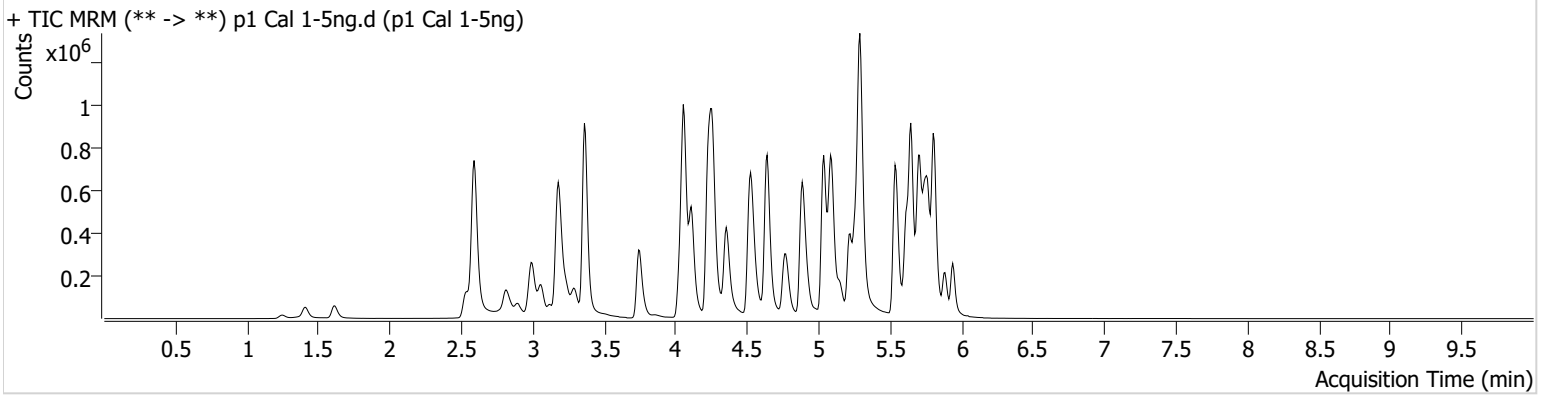
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 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 1/26/2024 7:58:35 PM
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	1641	391.90	79.9	136.71	109888	0.5104 ng/ml
7-aminoclonazepam	4.264	32867	35687.26	84.8	988.62	360039	4.8999 ng/ml
9-hydroxyrisperidone	4.637	5200	4227.80	3609.3	2195.26	1687298	5.0657 ng/ml
a-hydroxyalprazolam	5.692	15893	46106.63	68.6	310.23	160738	4.7804 ng/ml
alpha-PHP	4.929	30189	165.33	271.9	57767.50	962653	4.7998 ng/ml
alpha-PVP	4.369	113182	428.39	49.9	6048.12	962653	5.1247 ng/ml
Alprazolam	5.769	61050	438.80	114.8	279.68	586274	5.1119 ng/ml
Amphetamine	3.067	178333	904.66	48.7	791.42	529440	4.7599 ng/ml
Benzoylcegonine	3.882	2316	8999.44	35.4	82.40	16485	5.1914 ng/ml
Bromazolam	5.807	29636	9544.08	122.0	29960.96	261559	4.9211 ng/ml
Buprenorphine	5.820	2850	79.16	15.7	302.66	206987	0.5279 ng/ml
Bupropion	4.785	125442	142.32	66.4	195.82	711834	5.0489 ng/ml
Carisoprodol	5.716	71489	1912.50	59.4	232.33	599859	5.1459 ng/ml
Citalopram	5.220	91240	93.18	39.0	78.59	856886	5.1633 ng/ml
Clonazepam	5.604	60259	858.73	33.5	43.92	180212	4.7475 ng/ml
Clonazolam	5.547	50812	4851.45	34.1	17719.85	180212	4.7759 ng/ml
Cocaine	4.257	81376	3730.45	48.9	130.27	1371742	5.0538 ng/ml
Codeine	2.589	8633	22.64	112.9	62252.53	108585	4.8924 ng/ml
Cyclobenzaprine	5.620	90081	45013.45	9.1	61.36	861179	5.1194 ng/ml
Dextromethorphan	5.271	61223	160.27	82.7	119.69	596062	5.0452 ng/ml
Dextrorphan	4.116	38755	631.61	207.3	2030.10	956774	5.0923 ng/ml
Diazepam	5.947	42418	1038.62	88.9	1014.95	419537	4.9745 ng/ml
Dihydrocodeine	2.568	26545	54713.24	58.3	18406.90	310283	4.8129 ng/ml
Diphenhydramine	5.292	265077	78.99	29.7	890.23	2736477	5.1251 ng/ml
Doxylamine	4.545	207548	120409.48	97.1	50438.06	2023113	5.1420 ng/ml
Duloxetine	5.647	9224	474.74	14.1	102.23	103302	4.9816 ng/ml
EDDP	5.256	54913	843.28	42.9	21437.98	595059	5.0700 ng/ml
Etizolam	5.807	26741	40423.47	28.0	9279.65	180212	5.2187 ng/ml
Fentanyl	5.097	9264	7884.27	83.9	257.64	1009707	0.5143 ng/ml
Fluorofentanyl	5.151	23925	1298.30	40.8	487.89	8674	0.5051 ng/ml
Fluoxetine	5.700	100550	156.18	6.7	2082.96	755859	5.0777 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	37360	127.75	31.7	88.59	391610	4.8496 ng/ml
Hydromorphone	1.622	23724	472.14	74.2	76667.30	157925	5.0850 ng/ml
Hydroxyzine	5.697	102085	26600.12	74.1	7370.75	596062	5.1362 ng/ml
Ketamine	4.048	77605	1030.50	35.3	74.95	661283	4.9397 ng/ml
Lamotrigine	4.280	7917	425.85	79.1	295.62	2005641	49.1543 ng/ml
Lorazepam	5.740	53556	1882.91	41.4	96.04	748600	4.9217 ng/ml
MDA	3.201	101264	356.22	33.4	549.41	743555	4.7988 ng/ml
MDMA	3.302	74950	5029.94	95.3	665.14	184032	5.0079 ng/ml
Meprobamate	4.909	31570	969.52	31.9	94.81	266248	4.8897 ng/ml
Methadone	5.652	179766	283.96	46.9	5325.63	1463090	5.1668 ng/ml
Methamphetamine	3.243	172408	489.93	39.4	89.09	1282090	4.9220 ng/ml
Metoprolol	4.320	21880	3466.67	102.3	345.48	1725147	4.8928 ng/ml
Mirtazapine	4.627	160774	263297.06	49.1	403.43	962653	4.9774 ng/ml
Mitragynine	5.232	32822	30605.30	33.6	6039.69	1463090	5.0342 ng/ml
Morphine	1.261	4286	136.30	31.2	∞	17150	4.9176 ng/ml
Norbuprenorphine	4.985	753	1518.76	92.3	884.20	36429	0.9505 ng/ml
Nordiazepam	5.887	47201	356.87	57.9	18093.05	314659	4.9212 ng/ml
Norfentanyl	4.083	15737	214.83	37.5	88.73	1515350	0.5150 ng/ml
Norhydrocodone	3.070	7479	59.97	38.1	52.82	99990	5.3024 ng/ml
Noroxycodone	2.914	21750	13.44	50.2	1055.53	169822	4.9477 ng/ml
O-desmethyl-tramadol	3.369	178350	20237.17	5.7	146.85	2195589	5.1529 ng/ml
o-desmethylvenlafaxine	4.061	232478	18201.30	17.1	145.88	40374	5.2164 ng/ml
Olanzapine	4.476	5909	38.57	44.8	94.86	27584	5.1405 ng/ml
Oxazepam	5.749	71972	654.27	73.6	54.26	748600	4.8544 ng/ml
Oxycodone	2.845	60870	528.31	28.0	581.66	460013	4.9756 ng/ml
Oxymorphone	1.413	20400	791.53	44.9	297.48	160858	4.9083 ng/ml
Phentermine	3.778	43331	459.60	8.0	145.14	924832	4.7641 ng/ml
Promethazine	5.544	112787	325.63	31.9	119.84	1211278	5.1767 ng/ml
Pseudoephedrine	2.599	214548	4289.59	17.4	940.69	2005641	5.1918 ng/ml
Quetiapine	5.547	128205	8773.33	54.3	149492.91	366913	4.8193 ng/ml
Sertraline	5.769	25412	106.08	102.9	169.89	252454	5.0079 ng/ml
Temazepam	5.817	126091	282.03	26.7	52.09	1175491	5.1166 ng/ml
Tramadol	4.238	170058	17.61	3.6	47.82	1725147	4.9300 ng/ml
Trazodone	5.150	156518	53107.06	59.6	910.36	1022305	4.9262 ng/ml
Venlafaxine	5.037	162029	342.92	36.1	197.47	1825188	5.1318 ng/ml
Xylazine	4.083	66439	2237.58	43.3	295.43	641820	5.0681 ng/ml
Zolpidem	4.907	174513	2437.56	28.2	326.20	1377310	4.9458 ng/ml

AM #28 Multi-Drug Quant. Results

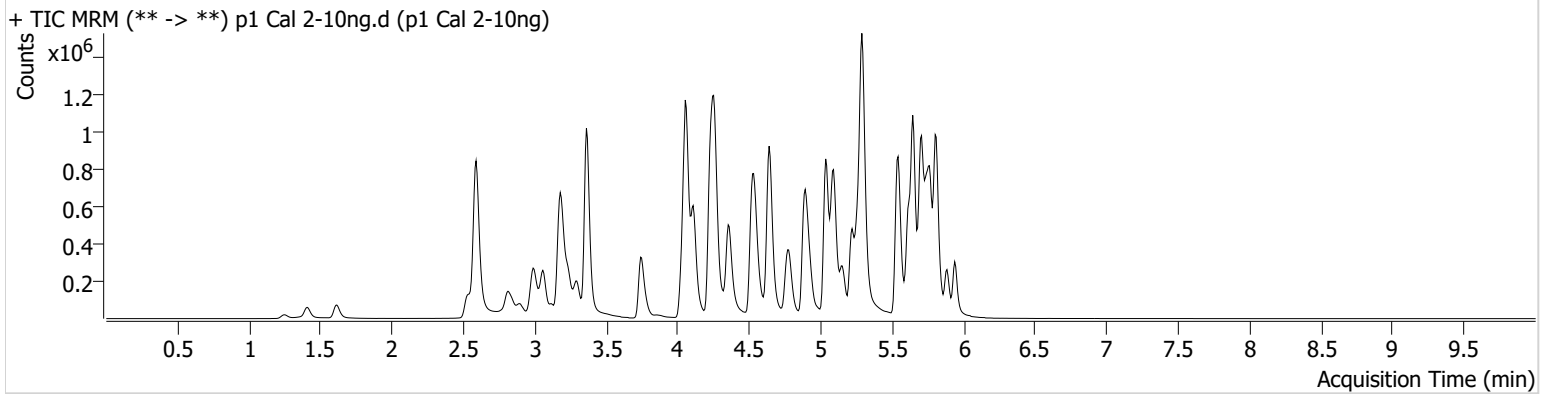


Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

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	1/26/2024 8:09:24 PM		
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	3467	1435.86	70.6	905.91	113714	0.9748 ng/ml
7-aminoclonazepam	4.264	74449	322.53	81.8	16412.14	389593	10.0201 ng/ml
9-hydroxyrisperidone	4.644	11089	63.89	3508.5	2625.81	1730717	9.9738 ng/ml
a-hydroxyalprazolam	5.692	30971	318.70	71.2	773.18	158301	10.1238 ng/ml
alpha-PHP	4.936	65162	517.78	258.2	107193.43	998850	10.3053 ng/ml
alpha-PVP	4.369	235520	2625.28	48.2	3757.18	998850	9.6882 ng/ml
Alprazolam	5.769	126252	6275.61	112.3	269.75	596641	9.7959 ng/ml
Amphetamine	3.060	357696	3670.76	50.4	10527.77	542900	10.3198 ng/ml
Benzoylcegonine	3.882	4894	462.42	36.1	1209.39	17714	9.6424 ng/ml
Bromazolam	5.807	59905	77503.84	119.7	50311.91	263564	10.0769 ng/ml
Buprenorphine	5.820	5040	800.65	15.3	763.18	206132	0.9191 ng/ml
Bupropion	4.785	257155	8853.03	66.7	5903.57	735213	9.7985 ng/ml
Carisoprodol	5.723	145390	154.97	60.1	256.09	621786	9.6202 ng/ml
Citalopram	5.220	189304	14627.02	37.2	70542.86	872552	9.6199 ng/ml
Clonazepam	5.611	125647	8624.52	34.6	42496.77	179478	10.5660 ng/ml
Clonazolam	5.547	106642	76627.14	34.1	42796.66	179478	10.4753 ng/ml
Cocaine	4.257	167162	3882.12	50.7	130925.49	1417621	9.8254 ng/ml
Codeine	2.582	17457	1637.44	115.2	35708.20	107592	10.0458 ng/ml
Cyclobenzaprine	5.620	190986	165215.19	9.2	682.39	895870	9.7839 ng/ml
Dextromethorphan	5.271	127908	377.41	83.3	299.18	630486	9.8696 ng/ml
Dextrorphan	4.116	78061	177.53	210.7	801.31	979288	9.7245 ng/ml
Diazepam	5.947	88586	136.61	92.2	1301.53	426739	10.0185 ng/ml
Dihydrocodeine	2.561	54831	35174.87	59.7	2725.91	320427	10.2647 ng/ml
Diphenhydramine	5.298	550347	25312.78	29.7	136376.31	2793060	9.7589 ng/ml
Doxylamine	4.545	425463	1016.97	101.1	719.52	2078940	9.6344 ng/ml
Duloxetine	5.640	21200	856.20	13.2	393.49	116726	10.0170 ng/ml
EDDP	5.263	115042	1493.43	39.2	4186.67	606061	9.9610 ng/ml
Etizolam	5.807	54339	64072.62	26.8	25726.35	179478	9.6534 ng/ml
Fentanyl	5.096	18406	472.36	79.9	10308.91	1043719	0.9565 ng/ml
Fluorofentanyl	5.158	48867	254.67	41.4	425.44	8338	0.9949 ng/ml
Fluoxetine	5.700	214863	10227.42	7.5	116.05	813653	9.7415 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.029	75949	338.38	31.7	45.41	384653	10.4112 ng/ml
Hydromorphone	1.622	47063	28.36	78.0	3705.60	161084	9.6195 ng/ml
Hydroxyzine	5.697	213876	211490.49	73.7	148227.25	630486	9.7511 ng/ml
Ketamine	4.048	156040	6726.96	36.5	102.81	696637	9.8717 ng/ml
Lamotrigine	4.280	15894	238.35	78.4	208.89	2052713	100.6597 ng/ml
Lorazepam	5.740	102184	1691.05	48.7	63.68	743611	10.3357 ng/ml
MDA	3.201	205864	1853.29	34.0	494.29	750422	10.4088 ng/ml
MDMA	3.295	155919	11656.62	93.5	1346.60	183281	10.0515 ng/ml
Meprobamate	4.909	63095	101.52	33.1	432.24	264927	10.2622 ng/ml
Methadone	5.652	372694	3638.33	46.1	5829.94	1490773	9.6485 ng/ml
Methamphetamine	3.236	353489	580.47	39.7	224.35	1314153	10.1197 ng/ml
Metoprolol	4.320	46068	898.95	105.9	829.35	1778179	10.1021 ng/ml
Mirtazapine	4.634	325357	318150.71	49.8	313.78	998850	9.8681 ng/ml
Mitragynine	5.232	69123	1381.95	34.1	39237.64	1490773	9.9197 ng/ml
Morphine	1.254	9172	407.35	31.2	216.03	17464	10.2793 ng/ml
Norbuprenorphine	4.985	834	1637.48	129.9	1436.72	39154	0.9828 ng/ml
Nordiazepam	5.887	95633	603.15	58.1	1378.94	322274	9.9754 ng/ml
Norfentanyl	4.076	32692	349.68	35.6	19.53	1521878	0.9736 ng/ml
Norhydrocodone	3.070	15570	676.73	39.1	149.96	101237	9.3558 ng/ml
Noroxycodone	2.914	44725	477.24	47.6	227.84	167852	10.0496 ng/ml
O-desmethyl-tramadol	3.369	363130	∞	5.8	112.18	2262609	9.5981 ng/ml
o-desmethylvenlafaxine	4.061	475209	27827.00	17.9	860.64	44027	9.5126 ng/ml
Olanzapine	4.476	11186	1124.28	53.1	185.35	26931	9.6905 ng/ml
Oxazepam	5.749	144141	218.77	73.3	265.64	743611	10.2256 ng/ml
Oxycodone	2.838	125559	494.19	27.3	907.60	469618	10.0491 ng/ml
Oxymorphone	1.413	40776	187.29	44.9	528.78	151329	10.3902 ng/ml
Phentermine	3.778	89337	130.25	7.8	151.17	944920	10.3644 ng/ml
Promethazine	5.544	234366	356.95	32.5	845.58	1269607	9.5737 ng/ml
Pseudoephedrine	2.599	437449	23192.90	17.2	10676.31	2052713	9.5825 ng/ml
Quetiapine	5.547	264293	24829.87	54.3	104282.83	377615	10.2667 ng/ml
Sertraline	5.776	64434	120.74	97.4	408.49	295755	10.1037 ng/ml
Temazepam	5.817	251145	5275.42	27.9	88.86	1170163	9.7232 ng/ml
Tramadol	4.238	351528	163.01	3.6	72.80	1778179	10.1009 ng/ml
Trazodone	5.150	324675	14676.19	59.3	1568.07	1066311	10.0568 ng/ml
Venlafaxine	5.037	333668	544.58	36.4	1353.69	1835670	9.7937 ng/ml
Xylazine	4.083	140670	116768.57	43.0	523.01	670702	9.8016 ng/ml
Zolpidem	4.913	361448	212512.15	28.8	1925.45	1395249	10.0543 ng/ml

AM #28 Multi-Drug Quant. Results

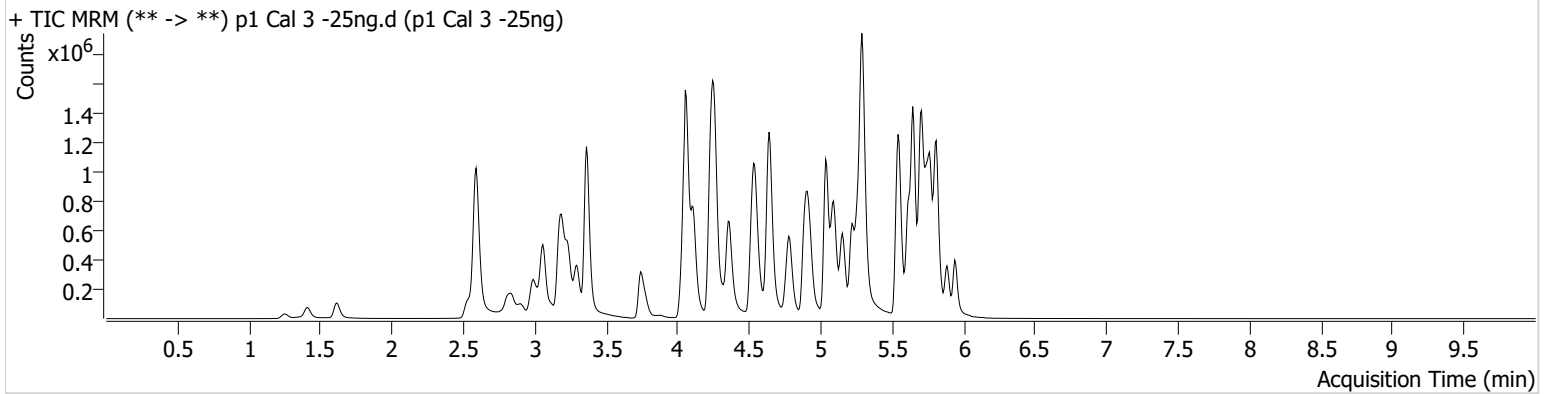


Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C1 **Comment**
Injection Volume 2
Acq. Date-Time 1/26/2024 8:20:02 PM
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	8394	9636.68	80.6	314.47	107389	2.3980 ng/ml
7-aminoclonazepam	4.264	188089	122.03	80.4	130.32	371108	26.2181 ng/ml
9-hydroxyrisperidone	4.644	26084	1492.61	3606.3	3449.31	1648287	23.8750 ng/ml
a-hydroxyalprazolam	5.692	77759	240.55	69.2	113.86	149681	28.0058 ng/ml
alpha-PHP	4.936	156741	323.52	263.5	1278.44	948521	26.5588 ng/ml
alpha-PVP	4.363	580268	160203.53	49.8	3449.05	948521	24.2012 ng/ml
Alprazolam	5.769	299983	511.67	115.0	397.90	565625	23.6879 ng/ml
Amphetamine	3.060	860797	12142.31	48.2	1753.94	513709	27.8749 ng/ml
Benzoylcegonine	3.882	11906	291.76	36.8	288.12	16867	23.7216 ng/ml
Bromazolam	5.807	139938	173295.49	122.5	240985.82	243030	25.8415 ng/ml
Buprenorphine	5.820	12588	5644.18	16.6	1618.27	203091	2.2936 ng/ml
Bupropion	4.785	634893	50499.77	67.0	9569.54	700637	25.0259 ng/ml
Carisoprodol	5.723	330286	7435.13	61.4	164.41	543594	24.2068 ng/ml
Citalopram	5.220	475592	23213.55	36.0	87108.39	830276	23.9752 ng/ml
Clonazepam	5.604	289843	803.95	34.4	1608.72	167856	26.9013 ng/ml
Clonazolam	5.547	251243	152687.14	34.3	156101.05	167856	26.9519 ng/ml
Cocaine	4.257	397905	436.85	50.9	108.19	1316996	24.8267 ng/ml
Codeine	2.582	43290	2193.95	109.3	∞	101549	26.4890 ng/ml
Cyclobenzaprine	5.620	471582	20646.17	9.0	109.77	873417	23.8201 ng/ml
Dextromethorphan	5.277	309149	36973.65	83.9	4015.56	602510	24.8127 ng/ml
Dextrorphan	4.109	185596	513.25	214.2	8245.94	912754	24.3311 ng/ml
Diazepam	5.947	212718	1281.62	91.7	1270.87	400644	25.3360 ng/ml
Dihydrocodeine	2.561	132748	555.45	58.2	1505.63	306137	26.9891 ng/ml
Diphenhydramine	5.298	1331113	516.59	29.8	3397.68	2665648	23.7436 ng/ml
Doxylamine	4.545	1048418	33542.94	100.3	47331.35	1986105	23.8610 ng/ml
Duloxetine	5.647	52496	1147.60	13.0	201.45	114329	25.1542 ng/ml
EDDP	5.263	286807	7770.59	42.1	385.67	611147	23.9755 ng/ml
Etizolam	5.807	125771	1402.11	27.7	30766.13	167856	22.4801 ng/ml
Fentanyl	5.104	46400	3478.30	81.3	46232.89	1006362	2.4446 ng/ml
Fluorofentanyl	5.158	121047	2722.37	40.5	4164.98	7998	2.4590 ng/ml
Fluoxetine	5.700	536730	887.86	7.4	34571.86	784954	24.6783 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	179582	260.95	33.1	98.70	379451	25.4432 ng/ml
Hydromorphone	1.622	120918	654793.31	73.4	279441.92	155035	25.2029 ng/ml
Hydroxyzine	5.697	513268	25073.55	75.3	63884.72	602510	23.8372 ng/ml
Ketamine	4.041	378588	18581.66	36.7	154.13	646423	26.5997 ng/ml
Lamotrigine	4.280	36949	414.42	82.6	540.80	1905804	258.6932 ng/ml
Lorazepam	5.740	214680	20191.06	50.9	223.40	668681	25.4279 ng/ml
MDA	3.201	479269	1644.00	33.6	2025.52	709724	26.6916 ng/ml
MDMA	3.295	371347	9446.37	95.3	6164.41	175083	24.4991 ng/ml
Meprobamate	4.909	147808	587.71	33.2	1660.26	247955	26.3431 ng/ml
Methadone	5.652	915696	53498.97	46.9	716.66	1435352	23.3249 ng/ml
Methamphetamine	3.236	829871	4364.16	39.7	503.48	1231238	25.7702 ng/ml
Metoprolol	4.320	113983	4747.50	104.1	501418.17	1694572	26.3930 ng/ml
Mirtazapine	4.627	786917	465.11	48.9	31356.29	948521	25.3946 ng/ml
Mitragynine	5.232	167702	590.80	33.7	4524.48	1435352	24.3039 ng/ml
Morphine	1.254	22823	1352.92	30.6	5595.62	17544	25.3888 ng/ml
Norbuprenorphine	4.992	2045	1753.12	109.7	5409.35	36644	2.8053 ng/ml
Nordiazepam	5.887	228767	1051.11	59.6	480.88	301214	25.9143 ng/ml
Norfentanyl	4.076	77701	6727.59	35.7	385.67	1413853	2.3571 ng/ml
Norhydrocodone	3.064	38019	190.60	37.2	39.48	93057	22.4268 ng/ml
Noroxycodone	2.914	109442	869.68	46.1	797.97	158421	25.6953 ng/ml
O-desmethyl-tramadol	3.369	875763	1055.72	5.8	288.50	2101906	23.9647 ng/ml
o-desmethylvenlafaxine	4.061	1090910	∞	18.2	1007.22	42005	22.4623 ng/ml
Olanzapine	4.469	30773	418.72	49.4	135.03	29483	23.9061 ng/ml
Oxazepam	5.749	322268	6714.32	71.9	80.81	668681	26.0654 ng/ml
Oxycodone	2.838	299508	2284.34	28.1	410.64	449173	25.0560 ng/ml
Oxymorphone	1.413	89871	∞	47.7	3378.84	138699	24.9378 ng/ml
Phentermine	3.778	215330	537.55	7.5	494.33	894651	27.5253 ng/ml
Promethazine	5.544	582463	276.34	31.6	166.77	1231466	23.4348 ng/ml
Pseudoephedrine	2.599	1046867	1695.14	17.2	162.96	1905804	23.4905 ng/ml
Quetiapine	5.553	630361	552657.05	56.5	416593.68	359355	26.6524 ng/ml
Sertraline	5.776	157781	331.16	96.8	3398.16	290220	24.2686 ng/ml
Temazepam	5.817	577459	420.27	27.2	676.67	1047711	24.1637 ng/ml
Tramadol	4.238	841230	∞	3.3	110.49	1694572	25.6863 ng/ml
Trazodone	5.150	787551	443.41	60.3	232.65	1009190	26.1858 ng/ml
Venlafaxine	5.037	811970	20079.99	35.2	318.24	1780418	23.5439 ng/ml
Xylazine	4.076	334673	340128.31	44.8	1262.96	615445	24.6882 ng/ml
Zolpidem	4.913	882776	612918.74	28.0	2909.69	1339322	25.4962 ng/ml

AM #28 Multi-Drug Quant. Results

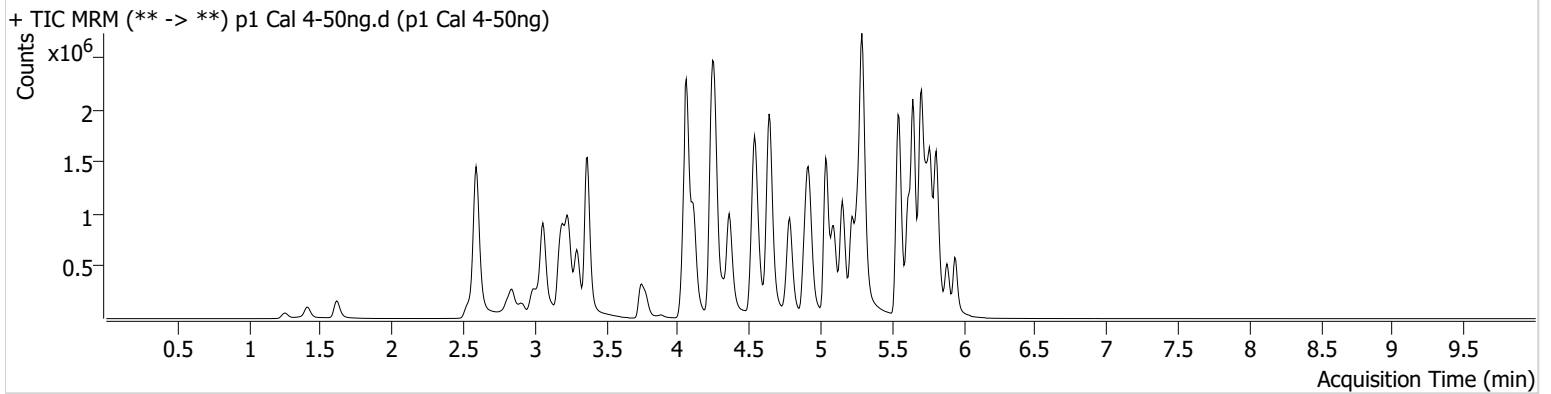


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Calibration Last Update 1/29/2024 8:57:55 AM

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 1/26/2024 8:30:39 PM
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	17983	32911.36	75.2	4495.62	108473	5.0134 ng/ml
7-aminoclonazepam	4.264	361607	311.87	78.9	27329.81	348645	53.4262 ng/ml
9-hydroxyrisperidone	4.644	53831	512.39	3544.1	1067.42	1658869	48.4145 ng/ml
a-hydroxyalprazolam	5.692	144326	406.19	67.9	369.13	138331	56.9309 ng/ml
alpha-PHP	4.936	314366	1540.39	261.0	5808.13	934838	54.3542 ng/ml
alpha-PVP	4.369	1165710	556.68	50.0	88753.74	934838	48.7211 ng/ml
Alprazolam	5.769	597377	627.36	114.7	461.80	538216	48.9469 ng/ml
Amphetamine	3.060	1673611	48756.38	48.7	586.64	516451	54.8943 ng/ml
Benzoylcegonine	3.882	23964	812.55	36.0	1453.49	17472	45.5391 ng/ml
Bromazolam	5.807	261908	249702.67	121.4	288389.27	225861	52.2484 ng/ml
Buprenorphine	5.820	26836	975.19	15.0	5641.35	196052	5.0368 ng/ml
Bupropion	4.785	1301485	16165.68	67.2	25266.81	714793	50.0573 ng/ml
Carisoprodol	5.723	627546	468.04	61.6	424.02	513591	48.1794 ng/ml
Citalopram	5.220	944525	7514.91	38.1	197.15	820033	47.3322 ng/ml
Clonazepam	5.604	540207	1664.80	35.1	6201.94	156633	54.3018 ng/ml
Clonazolam	5.547	469149	538130.33	34.7	277050.29	156633	54.3050 ng/ml
Cocaine	4.257	805106	18696.46	50.1	681.87	1328444	49.5763 ng/ml
Codeine	2.582	86876	6928.53	105.5	88.75	100555	53.7446 ng/ml
Cyclobenzaprine	5.620	947948	696.03	8.7	192.55	849333	48.5717 ng/ml
Dextromethorphan	5.271	619045	555600.44	81.0	22706.73	604552	49.4201 ng/ml
Dextrorphan	4.116	383114	328.52	206.7	643.41	903551	50.4043 ng/ml
Diazepam	5.947	420937	740.66	90.5	542.01	397600	50.3361 ng/ml
Dihydrocodeine	2.561	268912	190.77	60.5	1763.59	313294	54.0481 ng/ml
Diphenhydramine	5.292	2738616	27661.02	29.2	69834.70	2673720	48.0252 ng/ml
Doxylamine	4.545	2182388	64284.16	99.4	1054.46	2001723	48.6140 ng/ml
Duloxetine	5.640	100330	12677.96	13.0	1872.63	107188	51.1613 ng/ml
EDDP	5.256	563025	1525.35	41.1	1474.28	590163	48.2822 ng/ml
Etizolam	5.807	246257	136356.03	27.9	2291.36	156633	46.1192 ng/ml
Fentanyl	5.096	95572	116.26	81.6	190045.12	1030890	4.8803 ng/ml
Fluorofentanyl	5.158	244262	4566.53	41.1	4958.86	8231	4.7545 ng/ml
Fluoxetine	5.700	1011412	1893153.67	7.6	2169.57	717855	50.4864 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	366215	93.43	33.1	124.64	370822	53.4730 ng/ml
Hydromorphone	1.616	244787	2437.42	73.5	2244.35	155524	50.5696 ng/ml
Hydroxyzine	5.697	1046147	56763.11	76.5	439771.53	604552	47.9772 ng/ml
Ketamine	4.048	734477	11591.09	37.8	1552.26	639050	52.6697 ng/ml
Lamotrigine	4.280	74912	738.73	85.0	23480.97	1886435	534.5054 ng/ml
Lorazepam	5.740	348270	13231.89	48.5	256.31	566035	49.6099 ng/ml
MDA	3.201	917141	6162.52	33.9	1373.89	686452	53.5253 ng/ml
MDMA	3.295	755080	7092.12	95.9	3038.28	175085	49.4263 ng/ml
Meprobamate	4.909	276782	5320.82	32.1	92.82	241311	51.0917 ng/ml
Methadone	5.652	1892996	25688.20	45.2	14841.31	1405307	48.3213 ng/ml
Methamphetamine	3.236	1709822	11147.37	40.2	8667.68	1280555	51.3198 ng/ml
Metoprolol	4.320	228465	1494.15	102.6	4712.68	1703806	52.7174 ng/ml
Mirtazapine	4.634	1609211	3673.21	49.9	191045.41	934838	52.8724 ng/ml
Mitragynine	5.232	344416	427737.23	33.9	1072.73	1405307	50.4814 ng/ml
Morphine	1.254	45326	579.83	30.3	19868.02	18038	48.9958 ng/ml
Norbuprenorphine	4.992	3287	4121.19	126.5	5948.39	37036	4.5438 ng/ml
Nordiazepam	5.887	447400	343.90	57.8	6673.69	280833	54.6280 ng/ml
Norfentanyl	4.083	151432	41256.95	37.3	449.30	1351866	4.7153 ng/ml
Norhydrocodone	3.064	80422	∞	37.0	61.02	91516	46.5526 ng/ml
Noroxycodone	2.914	218249	4197.13	46.6	1120.81	157789	51.2205 ng/ml
O-desmethyl-tramadol	3.369	1838862	53081.11	5.8	243.28	2145643	48.6625 ng/ml
o-desmethylvenlafaxine	4.061	2297437	71932.08	17.5	3267.70	39136	50.3906 ng/ml
Olanzapine	4.475	57713	152.91	54.6	951.40	27204	48.2870 ng/ml
Oxazepam	5.749	571014	5080.82	69.5	2254.51	566035	55.0310 ng/ml
Oxycodone	2.838	618851	918.83	28.0	705.74	457368	50.8394 ng/ml
Oxymorphone	1.413	184225	∞	45.3	∞	140839	50.3079 ng/ml
Phentermine	3.778	428299	298.73	7.4	153.54	905477	54.8062 ng/ml
Promethazine	5.544	1185674	696.95	32.1	1820.62	1179972	48.9978 ng/ml
Pseudoephedrine	2.599	2139272	21148.69	17.1	49061.15	1886435	47.6798 ng/ml
Quetiapine	5.547	1274760	200289.59	57.4	465392.98	363178	53.9430 ng/ml
Sertraline	5.776	294680	631.49	98.8	1131.92	263695	49.2181 ng/ml
Temazepam	5.817	1041380	14151.79	27.7	1459.05	930533	48.5343 ng/ml
Tramadol	4.238	1670748	∞	3.9	159.56	1703806	50.9461 ng/ml
Trazodone	5.150	1602031	35540.15	59.9	14117.57	1043441	51.7726 ng/ml
Venlafaxine	5.037	1676795	934.54	35.3	694.31	1782153	47.8486 ng/ml
Xylazine	4.076	677393	6055.32	46.3	319.37	617664	49.3279 ng/ml
Zolpidem	4.913	1833336	921322.13	28.1	1821.14	1370420	51.6918 ng/ml

AM #28 Multi-Drug Quant. Results

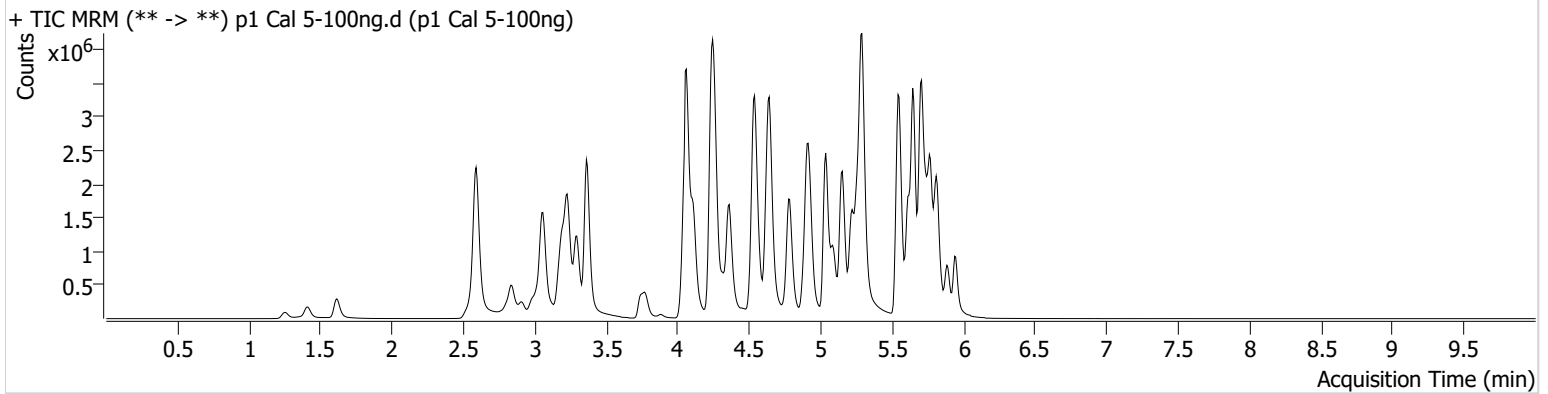


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Calibration Last Update 1/29/2024 8:57:55 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 1/26/2024 8:41:16 PM
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	36735	999.66	75.1	592.54	112098	9.8472 ng/ml
7-aminoclonazepam	4.264	630352	16689.72	78.6	3526.79	306185	105.8340 ng/ml
9-hydroxyrisperidone	4.644	112150	1445.64	3619.9	240928.90	1664959	99.9409 ng/ml
a-hydroxyalprazolam	5.685	239311	199.52	66.4	1046.65	125308	104.7738 ng/ml
alpha-PHP	4.929	634602	10722.95	260.4	3840.52	943880	108.9687 ng/ml
alpha-PVP	4.363	2380957	57479.11	50.6	67714.59	943880	97.9595 ng/ml
Alprazolam	5.769	1123678	892.26	115.4	∞	497098	99.0914 ng/ml
Amphetamine	3.060	3181901	67583.01	46.9	29758.75	514290	105.7643 ng/ml
Benzoylcegonine	3.882	53022	187.97	35.5	1708.75	18260	95.7572 ng/ml
Bromazolam	5.807	467017	413806.62	120.6	375928.48	203772	103.4642 ng/ml
Buprenorphine	5.820	53508	12707.78	15.3	9281.22	197488	9.9467 ng/ml
Bupropion	4.785	2668709	507.67	67.7	10460.65	738878	99.0749 ng/ml
Carisoprodol	5.723	1084281	125150.86	60.6	4501.76	436671	97.3976 ng/ml
Citalopram	5.214	1889489	37347.98	36.8	1889.09	788540	97.5305 ng/ml
Clonazepam	5.604	906438	900.16	35.1	283744.62	140474	102.0958 ng/ml
Clonazolam	5.547	776720	21270.18	36.5	276019.13	140474	100.5636 ng/ml
Cocaine	4.257	1592999	110544.09	50.9	28279.51	1302515	99.8184 ng/ml
Codeine	2.576	163727	160.32	105.8	904.04	98851	103.0862 ng/ml
Cyclobenzaprine	5.620	1880850	365.04	8.6	3396.98	843743	96.3867 ng/ml
Dextromethorphan	5.271	1225920	11003.88	79.5	27578.59	592775	99.7132 ng/ml
Dextrorphan	4.109	745194	453.70	212.4	2552.24	892414	98.9678 ng/ml
Diazepam	5.947	824814	339.82	88.9	305.61	384595	101.7775 ng/ml
Dihydrocodeine	2.554	527431	682.14	61.6	61809.42	316751	105.4496 ng/ml
Diphenhydramine	5.292	5531134	338541.81	29.6	23645.83	2591067	99.3913 ng/ml
Doxylamine	4.539	4648571	4330.30	98.6	83624.77	2049491	100.4592 ng/ml
Duloxetine	5.640	180907	3883.62	13.6	2133.71	100173	98.6069 ng/ml
EDDP	5.257	1264686	1590.79	42.5	744.92	647848	98.3334 ng/ml
Etizolam	5.807	470737	500038.10	27.9	103484.06	140474	97.2195 ng/ml
Fentanyl	5.097	200332	90.05	82.6	145995.91	1064761	9.8684 ng/ml
Fluorofentanyl	5.151	520582	8320.77	39.3	15255.82	8399	9.8549 ng/ml
Fluoxetine	5.700	1849119	39452.94	7.7	3559.47	672828	98.1525 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	704447	∞	34.7	633.93	385890	99.1404 ng/ml
Hydromorphone	1.616	482705	2211849.67	74.5	2483.18	157063	98.4710 ng/ml
Hydroxyzine	5.697	2049549	1756860.07	78.0	23507.16	592775	95.4320 ng/ml
Ketamine	4.041	1470109	59307.76	36.5	4513.27	653707	103.5257 ng/ml
Lamotrigine	4.280	139120	1664.25	85.1	5431.86	1837567	1023.0439 ng/ml
Lorazepam	5.740	505402	9569.38	47.2	1524.12	435454	94.4306 ng/ml
MDA	3.201	1667500	5217.25	33.1	7273.27	652849	102.9932 ng/ml
MDMA	3.295	1512658	8896.94	96.6	3196.19	171494	100.6967 ng/ml
Meprobamate	4.909	472228	9950.65	32.7	2539.44	229439	92.0270 ng/ml
Methadone	5.652	3828138	6101.45	45.2	32077.13	1374840	98.9925 ng/ml
Methamphetamine	3.229	3472093	1558.40	39.1	14596.54	1293036	103.4851 ng/ml
Metoprolol	4.320	458057	1078887.03	103.9	39322.25	1769553	101.8639 ng/ml
Mirtazapine	4.627	3208799	224584.07	48.7	179054.17	943880	104.5830 ng/ml
Mitragynine	5.225	689651	8436.50	34.1	1092.74	1374840	102.8465 ng/ml
Morphine	1.254	90963	126.45	30.5	439.74	17265	102.6740 ng/ml
Norbuprenorphine	4.985	7470	10408.17	108.2	20408.36	38730	10.0383 ng/ml
Nordiazepam	5.887	785753	447.23	60.7	43617.39	258811	104.3277 ng/ml
Norfentanyl	4.076	284238	2932.60	38.0	670.71	1215073	9.7536 ng/ml
Norhydrocodone	3.064	166658	∞	37.7	94.21	91316	95.1056 ng/ml
Noroxycodone	2.914	418005	4666.65	47.9	276.83	153631	100.5378 ng/ml
O-desmethyl-tramadol	3.369	3725751	343859.75	5.9	6714.44	2131951	98.6087 ng/ml
o-desmethylvenlafaxine	4.061	4368267	120377.67	17.5	3027.30	37553	99.5517 ng/ml
Olanzapine	4.469	145335	637.33	52.1	690.72	34075	96.7798 ng/ml
Oxazepam	5.749	804143	15538.57	73.4	9324.97	435454	101.0966 ng/ml
Oxycodone	2.838	1227350	20446.32	28.4	449.68	457050	100.8944 ng/ml
Oxymorphone	1.406	338734	233.21	45.8	∞	135831	95.8807 ng/ml
Phentermine	3.778	817313	5775.39	7.4	211.42	916197	104.0149 ng/ml
Promethazine	5.537	2494511	35909.89	31.8	369.32	1220122	98.9676 ng/ml
Pseudoephedrine	2.592	4231851	49722.83	17.1	838.55	1837567	96.0371 ng/ml
Quetiapine	5.547	2467874	3937583.50	58.8	1135053.79	362068	105.3271 ng/ml
Sertraline	5.769	558517	535.57	96.1	6368.40	242310	100.8465 ng/ml
Temazepam	5.817	1660729	1368.46	28.2	155.95	709432	100.9608 ng/ml
Tramadol	4.238	3475443	∞	3.3	220.63	1769553	102.2525 ng/ml
Trazodone	5.150	3206421	216079.41	61.6	1363.62	1080758	100.2885 ng/ml
Venlafaxine	5.037	3444556	3067.83	34.9	4725.60	1789464	97.1787 ng/ml
Xylazine	4.076	1352911	149470.17	47.3	1718.95	609474	99.3772 ng/ml
Zolpidem	4.907	3790031	119883.51	27.7	36205.84	1418157	103.2097 ng/ml



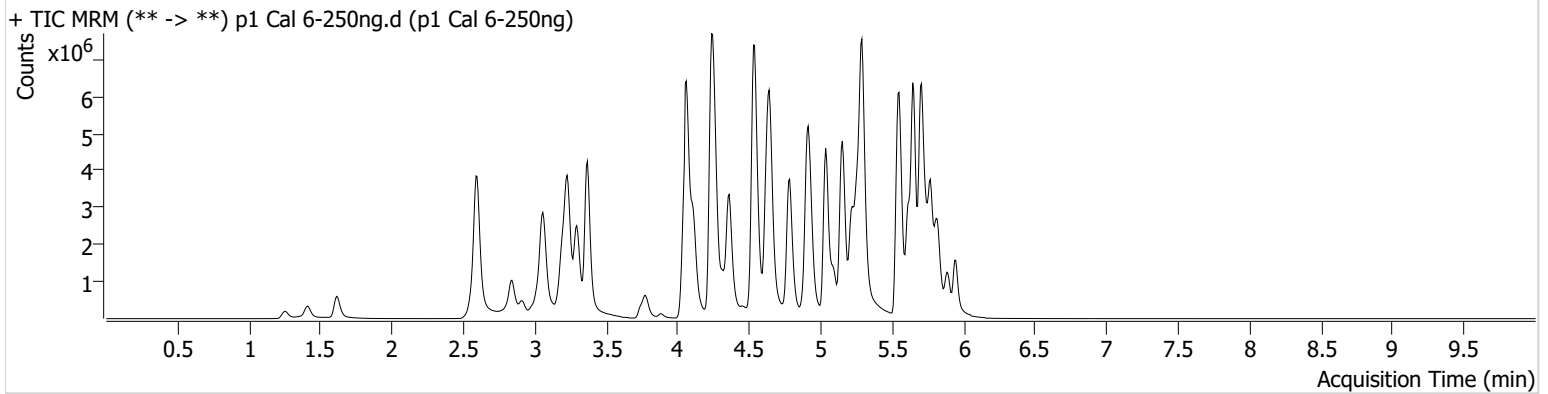
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

Instrument Falco (069901) Data File p1 Cal 6-250ng.d
Type Cal Sample p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F1 Comment
Injection Volume 2
Acq. Date-Time 1/26/2024 8:51:53 PM
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	84986	827.30	75.5	123247.20	101546	25.0485 ng/ml
7-aminoclonazepam	4.264	1026067	792565.91	73.9	73236.66	200011	263.3993 ng/ml
9-hydroxyrisperidone	4.644	237365	173756.78	3882.2	403851.41	1414460	248.2137 ng/ml
a-hydroxyalprazolam	5.685	363733	272.20	68.2	566.73	84471	237.0864 ng/ml
alpha-PHP	4.929	1350281	3419.11	254.3	13387.89	834851	262.5564 ng/ml
alpha-PVP	4.363	5399779	966.63	50.0	154508.04	834851	250.2594 ng/ml
Alprazolam	5.769	2125624	2234.55	112.2	1829.48	373787	248.4164 ng/ml
Amphetamine	3.060	6124530	80477.70	46.7	45053.46	472160	222.8975 ng/ml
Benzoylcegonine	3.882	126901	363.75	35.7	947.67	17123	243.4852 ng/ml
Bromazolam	5.807	784123	735979.44	125.7	1228139.24	144485	245.2777 ng/ml
Buprenorphine	5.826	113303	130058.41	15.2	13038.75	167664	24.7733 ng/ml
Bupropion	4.785	6074686	501.08	66.9	29280.84	654062	254.4097 ng/ml
Carisoprodol	5.723	1771581	64968.77	59.4	9969.77	266778	259.6500 ng/ml
Citalopram	5.214	4003965	∞	37.0	22317.11	634352	255.4909 ng/ml
Clonazepam	5.604	1411043	13389.56	35.1	6864.84	97142	230.5413 ng/ml
Clonazolam	5.554	1102838	1148870.85	37.3	241723.95	97142	206.8695 ng/ml
Cocaine	4.257	3337433	666.37	51.4	216604.00	1083356	251.0928 ng/ml
Codeine	2.576	315253	459.22	98.6	7668.84	80403	244.1131 ng/ml
Cyclobenzaprine	5.620	4120688	484.22	8.1	1856.14	694541	255.4939 ng/ml
Dextromethorphan	5.271	2575030	55300.12	78.7	23616.57	493617	251.3712 ng/ml
Dextrorphan	4.109	1554549	842.98	214.7	1017.09	728145	252.5562 ng/ml
Diazepam	5.947	1690485	3014.65	88.0	6788.09	314138	255.1035 ng/ml
Dihydrocodeine	2.554	1098247	140820.64	63.1	26904.19	294408	237.0280 ng/ml
Diphenhydramine	5.292	12033810	173304.60	29.2	972.13	2139094	260.8772 ng/ml
Doxylamine	4.539	11235327	12145.79	95.9	3481.99	1887177	262.6694 ng/ml
Duloxetine	5.640	351874	5876.06	13.2	1210.50	76675	250.4030 ng/ml
EDDP	5.256	2751435	37231.08	42.2	247.71	555886	248.6452 ng/ml
Etizolam	5.807	921769	1854.08	27.9	369226.85	97142	273.5350 ng/ml
Fentanyl	5.096	474218	8572.54	79.2	13955.73	983952	25.2242 ng/ml
Fluorofentanyl	5.151	1108620	26406.21	41.1	12781.39	6591	26.6243 ng/ml
Fluoxetine	5.707	3484247	61551.91	7.5	6906.12	508024	244.4293 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.023	1607050	125.33	35.3	173.26	349235	250.4378 ng/ml
Hydromorphone	1.616	1108948	5308062.63	74.4	10722.11	143134	247.8033 ng/ml
Hydroxyzine	5.697	4519080	1528.76	81.0	3262518.60	493617	251.9792 ng/ml
Ketamine	4.041	2982379	739.96	36.5	12230.42	558565	246.4644 ng/ml
Lamotrigine	4.280	268897	885.79	88.6	4746.82	1490975	2443.1509 ng/ml
Lorazepam	5.740	644193	11614.70	48.7	379.69	226793	232.4889 ng/ml
MDA	3.201	3051676	2669.53	32.9	17761.58	525547	235.0758 ng/ml
MDMA	3.295	3278878	94897.55	97.4	13377.69	146156	255.5325 ng/ml
Meprobamate	4.909	743468	10238.89	31.3	5393.49	183800	181.2847 ng/ml
Methadone	5.652	8652192	138381.69	43.7	91855.28	1172685	260.9298 ng/ml
Methamphetamine	3.229	7834839	1753.02	37.8	23698.02	1214523	248.9961 ng/ml
Metoprolol	4.320	932545	934844.55	106.2	53462.15	1468825	249.9916 ng/ml
Mirtazapine	4.621	7154101	153851.26	47.8	58436.02	834851	263.8785 ng/ml
Mitragynine	5.232	1457514	4607.83	35.1	1778552.91	1172685	254.1531 ng/ml
Morphine	1.254	213364	2088.32	29.7	261.62	16409	253.3181 ng/ml
Norbuprenorphine	4.992	16609	67567.44	104.3	27135.00	36454	23.9067 ng/ml
Nordiazepam	5.894	1325355	37468.80	62.5	2062.06	192091	237.4062 ng/ml
Norfentanyl	4.076	517230	1803407.07	38.1	30406.63	834951	25.6878 ng/ml
Norhydrocodone	3.064	382235	376.37	39.5	∞	78373	251.7007 ng/ml
Noroxycodone	2.914	902530	∞	47.5	8032.48	133240	249.9591 ng/ml
O-desmethyl-tramadol	3.369	8706310	85433.68	5.8	16167.50	1903541	257.1121 ng/ml
o-desmethylvenlafaxine	4.061	8542668	134306.13	17.5	2900.66	29106	250.7222 ng/ml
Olanzapine	4.462	343183	729.83	53.7	1952.68	29774	261.0429 ng/ml
Oxazepam	5.749	1015835	13796.61	73.1	2173.65	226793	245.8253 ng/ml
Oxycodone	2.838	2805721	1547.72	28.1	2647.63	421172	250.2860 ng/ml
Oxymorphone	1.406	803721	6268.80	45.1	∞	116978	264.1040 ng/ml
Phentermine	3.778	1634614	∞	7.2	4276.67	814504	234.9232 ng/ml
Promethazine	5.537	5936075	1865.52	31.3	865.48	1114612	256.6769 ng/ml
Pseudoephedrine	2.599	9105142	160952.33	16.3	100352.51	1490975	253.3983 ng/ml
Quetiapine	5.553	5069908	250778.43	58.5	206212.28	312035	251.9215 ng/ml
Sertraline	5.776	1067479	673.04	97.3	99126.39	186389	249.6362 ng/ml
Temazepam	5.817	2296586	28866.23	27.8	4068.29	419061	235.6684 ng/ml
Tramadol	4.238	7359963	1885.08	3.8	214.78	1468825	261.2055 ng/ml
Trazodone	5.150	7039346	130786.37	65.1	3834.30	1002599	237.6952 ng/ml
Venlafaxine	5.037	7965724	146464.20	32.9	10457.57	1547124	258.7912 ng/ml
Xylazine	4.076	2876598	3233.79	49.1	2507.34	506807	253.3942 ng/ml
Zolpidem	4.907	8414030	263565.55	26.8	1002559.55	1301836	249.5248 ng/ml

AM #28 Multi-Drug Quant. Results

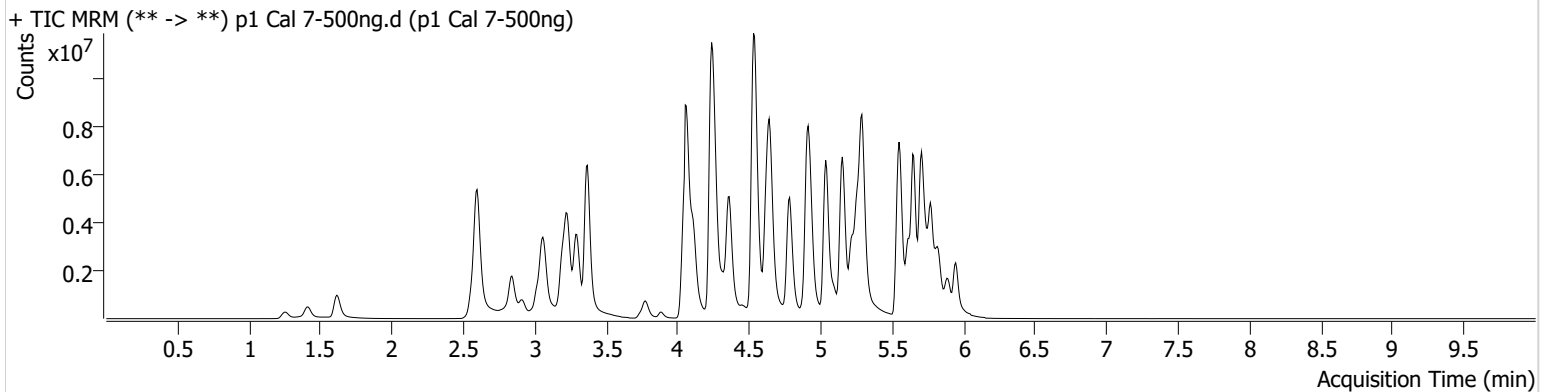


Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 AM

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 1/26/2024 9:02:32 PM
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	162002	3645.27	71.9	119217.71	92379	52.4152 ng/ml
7-aminoclonazepam	4.264	1240721	28906.68	79.3	24674.31	141905	448.7684 ng/ml
9-hydroxyrisperidone	4.644	353602	132150.31	3880.4	172484.56	1013677	515.4014 ng/ml
a-hydroxyalprazolam	5.685	559379	1662.41	69.0	303.27	67147	459.3210 ng/ml
alpha-PHP	4.936	1801590	797.02	257.7	1663.04	648931	450.8894 ng/ml
alpha-PVP	4.363	8692283	∞	50.1	1524.92	648931	517.6458 ng/ml
Alprazolam	5.769	3574314	505.60	111.7	899.03	280059	556.8079 ng/ml
Amphetamine	3.060	7132542	89679.53	45.9	3817.75	287707	426.9685 ng/ml
Benzoylcegonine	3.882	299391	9053.23	35.8	493.65	18298	536.8222 ng/ml
Bromazolam	5.807	1130633	690867.76	126.1	1304603.21	106637	479.3869 ng/ml
Buprenorphine	5.826	109415	4067.49	13.6	8782.84	75888	52.8282 ng/ml
Bupropion	4.785	8311934	683.40	65.8	7247.74	447186	508.9209 ng/ml
Carisoprodol	5.723	2760531	148708.73	60.5	31227.95	215143	501.2375 ng/ml
Citalopram	5.214	4702010	85351.36	36.2	22340.44	367345	517.2219 ng/ml
Clonazepam	5.604	2175039	53902.35	34.4	54076.31	77783	444.3406 ng/ml
Clonazolam	5.554	1619651	1234832.48	37.5	320731.78	77783	379.7367 ng/ml
Cocaine	4.257	5293002	1646.68	51.1	614.04	845388	510.0855 ng/ml
Codeine	2.576	488594	4244.90	98.8	259.91	69524	437.5851 ng/ml
Cyclobenzaprine	5.620	3951507	21397.68	8.1	312.38	330646	514.0098 ng/ml
Dextromethorphan	5.271	2666723	22464.25	77.9	176732.79	253693	506.4158 ng/ml
Dextrorphan	4.109	2273585	2011.54	219.9	18230.97	534506	502.8840 ng/ml
Diazepam	5.947	2803666	19450.10	89.1	∞	276997	479.6542 ng/ml
Dihydrocodeine	2.554	1878904	21367.38	62.6	37422.28	281969	423.9019 ng/ml
Diphenhydramine	5.292	14090033	68138.10	29.5	341.98	1252817	520.8956 ng/ml
Doxylamine	4.539	18989892	236312.51	97.0	5559.23	1551946	539.2002 ng/ml
Duloxetine	5.640	347110	5115.65	13.8	3276.18	37703	502.2316 ng/ml
EDDP	5.256	5242144	854.31	41.3	791.01	516666	509.2246 ng/ml
Etizolam	5.807	1490747	10870.38	28.0	258261.35	77783	551.5056 ng/ml
Fentanyl	5.096	505227	757.75	81.5	370810.98	520472	50.7692 ng/ml
Fluorofentanyl	5.158	1064228	17016.59	41.3	385604.19	3360	50.0682 ng/ml
Fluoxetine	5.707	3236520	68036.55	7.4	2579852.89	227178	507.3701 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	2820051	358.70	35.3	∞	314882	487.7450 ng/ml
Hydromorphone	1.616	2010336	9645551.56	75.0	8721164.39	126491	508.0299 ng/ml
Hydroxyzine	5.697	4676335	46759.94	82.1	1005.71	253693	506.9067 ng/ml
Ketamine	4.041	4736841	86995.99	35.8	7274.73	493783	443.1998 ng/ml
Lamotrigine	4.280	374429	1233.65	91.9	23863.55	1120362	4531.1452 ng/ml
Lorazepam	5.740	785229	22384.44	51.3	3372.43	130555	493.3594 ng/ml
MDA	3.194	4273727	22945.35	32.5	3985.03	388955	445.4766 ng/ml
MDMA	3.295	4997538	94852.06	97.7	26424.21	108965	522.0113 ng/ml
Meprobamate	4.909	977815	5277.50	31.4	16118.54	158363	276.9536 ng/ml
Methadone	5.652	9715645	59413.42	43.0	582.99	651129	526.8418 ng/ml
Methamphetamine	3.229	8321461	45006.37	38.1	13085.85	701959	457.7983 ng/ml
Metoprolol	4.320	1382068	1672.49	105.9	54007.20	1233446	441.2784 ng/ml
Mirtazapine	4.621	9679817	241959.28	47.4	139284.70	648931	459.4571 ng/ml
Mitragynine	5.232	1643258	164052.38	35.0	617782.35	651129	515.5944 ng/ml
Morphine	1.254	327562	763.89	29.5	311.88	12649	504.4758 ng/ml
Norbuprenorphine	4.992	19460	19053.46	103.1	38062.32	19930	51.3940 ng/ml
Nordiazepam	5.894	1876759	5684.21	59.8	91695.49	134957	478.7496 ng/ml
Norfentanyl	4.083	694878	14640.85	38.8	8345.81	519314	55.3863 ng/ml
Norhydrocodone	3.064	654175	247.60	39.1	∞	61979	543.0097 ng/ml
Noroxycodone	2.914	1463437	14686.17	48.4	761.79	108482	497.5796 ng/ml
O-desmethyl-tramadol	3.369	15489255	135289.14	5.8	912.08	1643939	529.0249 ng/ml
o-desmethylvenlafaxine	4.054	13133490	186870.41	17.4	4610.16	21229	528.1663 ng/ml
Olanzapine	4.462	525110	2016.52	54.8	801.57	24064	493.9470 ng/ml
Oxazepam	5.749	1117167	3703.16	71.1	4428.82	130555	470.0262 ng/ml
Oxycodone	2.838	5036354	2828.07	28.0	3806.01	380841	496.8444 ng/ml
Oxymorphone	1.413	1203976	∞	45.4	∞	95596	484.0904 ng/ml
Phentermine	3.778	2023006	1750.08	7.3	14136.73	568835	416.8771 ng/ml
Promethazine	5.537	5651562	181821.13	31.8	4548.38	531288	511.9839 ng/ml
Pseudoephedrine	2.599	14238365	96552.62	16.3	148000.64	1120362	526.5094 ng/ml
Quetiapine	5.553	7509228	496154.86	59.6	300.94	239984	485.7221 ng/ml
Sertraline	5.776	1044211	471.73	93.2	442.14	88492	513.6716 ng/ml
Temazepam	5.824	2675974	11672.35	27.7	2265.63	219843	522.8116 ng/ml
Tramadol	4.238	12066434	∞	3.3	94.90	1233446	510.1620 ng/ml
Trazodone	5.150	10409530	2350.43	66.2	79123.34	725138	486.2629 ng/ml
Venlafaxine	5.037	12347280	526304.91	33.8	3930.91	1199300	516.7980 ng/ml
Xylazine	4.070	3855144	99877.07	50.1	5458.81	339985	505.7675 ng/ml
Zolpidem	4.907	14775832	737630.82	27.0	1211.83	1237908	460.7714 ng/ml



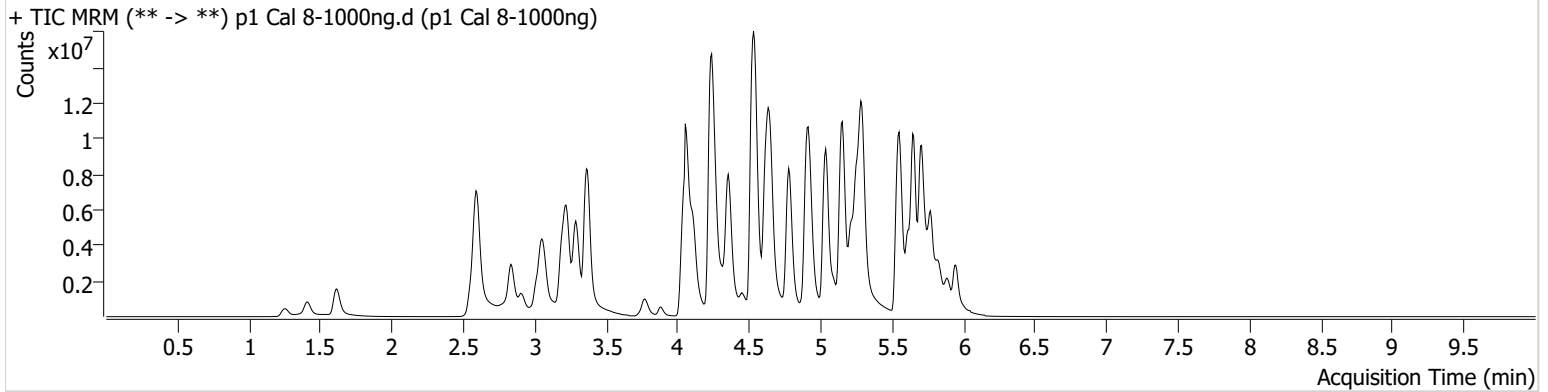
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\012624 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/29/2024 8:57:55 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 1/26/2024 9:13:09 PM
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	281143	2874.64	71.5	425.35	83340	100.7694 ng/ml
7-aminoclonazepam	4.264	1145085	6331.28	78.2	22756.20	65926	891.2914 ng/ml
9-hydroxyrisperidone	4.644	567649	481509.23	3818.4	27046.57	803617	1043.1338 ng/ml
a-hydroxyalprazolam	5.685	602765	460.87	72.6	1030.51	38762	857.9709 ng/ml
alpha-PHP	4.929	2696273	954.17	255.2	20686.10	535238	818.3839 ng/ml
alpha-PVP	4.356	14520956	122044.17	50.2	98560.87	535238	1047.8423 ng/ml
Alprazolam	5.769	4164203	661.33	110.2	∞	186562	973.3758 ng/ml
Amphetamine	3.053	9270925	80217.10	45.9	42013.40	233782	683.6221 ng/ml
Benzoylcegonine	3.882	607947	1056.67	36.5	5532.12	17600	1132.6841 ng/ml
Bromazolam	5.807	1366307	668741.54	126.5	781621.97	64705	954.9474 ng/ml
Buprenorphine	5.826	161105	120407.39	14.9	29936.84	55774	105.8129 ng/ml
Bupropion	4.779	14483427	838.20	65.8	653.89	403756	981.9641 ng/ml
Carisoprodol	5.723	3115220	31809.74	59.4	14840.03	114540	1061.8994 ng/ml
Citalopram	5.214	7251426	189534.49	36.0	119975.48	274122	1067.9969 ng/ml
Clonazepam	5.597	2258265	15025.19	34.6	23331.07	47050	763.1076 ng/ml
Clonazolam	5.561	1607497	91678.66	37.4	354545.92	47050	623.3119 ng/ml
Cocaine	4.257	7726739	376.78	50.5	329.84	629757	999.3722 ng/ml
Codeine	2.576	686393	102.97	98.9	∞	52163	819.3792 ng/ml
Cyclobenzaprine	5.620	6660654	41937.61	7.6	724.21	270189	1059.6183 ng/ml
Dextromethorphan	5.264	3933923	46094.77	77.4	37203.53	188069	1007.6367 ng/ml
Dextrorphan	4.109	3490112	30522.26	224.6	117106.92	403577	1022.0857 ng/ml
Diazepam	5.947	4007327	∞	89.2	5400.56	192641	985.5915 ng/ml
Dihydrocodeine	2.548	2844310	545.14	62.1	199.95	250400	723.0602 ng/ml
Diphenhydramine	5.292	21882159	165435.94	31.5	16367.23	1003222	1009.6238 ng/ml
Doxylamine	4.532	29843494	184002.41	97.0	217013.09	1386854	947.7752 ng/ml
Duloxetine	5.640	444352	6139.89	13.6	852.26	24721	980.4505 ng/ml
EDDP	5.256	10021104	∞	40.3	97192.41	470327	1068.8784 ng/ml
Etizolam	5.807	2040110	3652.41	28.5	374236.06	47050	1246.5443 ng/ml
Fentanyl	5.096	1017809	25952.01	79.3	86280.16	506912	104.9763 ng/ml
Fluorofentanyl	5.158	1740727	36823.80	42.7	11520.77	2726	100.8684 ng/ml
Fluoxetine	5.707	4352331	97447.28	7.3	230.74	149066	1039.4554 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.016	4779508	361.89	34.6	276.24	279047	933.1229 ng/ml
Hydromorphone	1.616	3435831	9990579.60	74.4	5721337.79	108757	1009.5639 ng/ml
Hydroxyzine	5.697	7584899	21749.10	84.2	1761265.31	188069	1108.5683 ng/ml
Ketamine	4.035	6299479	184488.09	35.3	15228.06	396555	734.2389 ng/ml
Lamotrigine	4.280	443364	17341.49	88.3	562502.32	819021	7342.1721 ng/ml
Lorazepam	5.740	956121	13631.47	48.6	4839.91	70617	1111.8064 ng/ml
MDA	3.187	6362761	6004.22	32.1	62944.02	312294	826.6628 ng/ml
MDMA	3.289	7718760	145681.43	97.9	162700.57	92287	951.6491 ng/ml
Meprobamate	4.902	1020441	9468.94	31.3	550197.46	122884	372.6250 ng/ml
Methadone	5.652	16089722	130897.72	46.3	1951.55	559248	1015.0510 ng/ml
Methamphetamine	3.222	12234901	4076.34	37.1	134391.34	541189	873.2959 ng/ml
Metoprolol	4.320	1953533	5677023.97	105.0	105760.87	1016082	757.2481 ng/ml
Mirtazapine	4.614	16057078	5023.45	46.9	69936.49	535238	924.2203 ng/ml
Mitragynine	5.225	2582781	41961.69	35.1	1008171.21	559248	943.1451 ng/ml
Morphine	1.254	568905	1932.26	29.4	∞	11738	944.1202 ng/ml
Norbuprenorphine	4.985	34460	1598.36	101.4	54650.82	18193	99.8290 ng/ml
Nordiazepam	5.894	2326329	49137.21	58.7	49675.75	85340	938.6917 ng/ml
Norfentanyl	4.076	809455	14050.22	38.3	574.85	235415	142.1907 ng/ml
Norhydrocodone	3.064	1081037	52.80	40.4	131.93	49064	1131.9381 ng/ml
Noroxycodone	2.907	2425180	657.42	48.6	441.79	93852	952.9094 ng/ml
O-desmethyl-tramadol	3.367	23498826	354036.77	6.2	343.17	1311885	1005.1926 ng/ml
o-desmethylvenlafaxine	4.054	15838117	198052.94	18.1	8235.48	12942	1044.4273 ng/ml
Olanzapine	4.455	1518360	1324.34	56.3	641.54	31783	1081.0060 ng/ml
Oxazepam	5.742	1193818	6400.93	72.9	54290.02	70617	929.0078 ng/ml
Oxycodone	2.831	9008995	∞	27.9	3079.75	346383	977.1604 ng/ml
Oxymorphone	1.406	2118489	755.46	47.6	∞	82062	992.2453 ng/ml
Phentermine	3.772	3183655	∞	7.0	5116.95	473723	788.4258 ng/ml
Promethazine	5.537	10025096	170506.38	30.4	17023.53	459389	1049.5932 ng/ml
Pseudoephedrine	2.599	21430090	69975.38	16.3	58579.99	819021	1083.1986 ng/ml
Quetiapine	5.553	11489492	40380.53	60.2	151606.83	214450	832.1023 ng/ml
Sertraline	5.776	1219890	162.85	96.2	177.16	53146	998.6012 ng/ml
Temazepam	5.824	2824893	6764.92	27.5	9858.54	113421	1069.2146 ng/ml
Tramadol	4.232	16945671	∞	3.6	169.35	1016082	869.8704 ng/ml
Trazodone	5.143	17743588	2213.06	69.7	7198.98	776560	774.1305 ng/ml
Venlafaxine	5.039	20153638	506625.05	33.7	∞	958276	1054.9887 ng/ml
Xylazine	4.070	6468553	79570.84	50.1	34711.66	284619	1013.2542 ng/ml
Zolpidem	4.906	21847815	394757.70	28.1	102596.54	1082226	779.2746 ng/ml