

Worklist: 6604

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-4426	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4479	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4610	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4775	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4780	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4863	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4868	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-4931	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3418	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3446	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3478	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3487	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3511	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3520	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3525	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3527	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3528	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3529	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3534	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3546	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-3602	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 12/08/2023

Analyst: Celena Shrum

Plate lot#: 230707

Plate Retest Date: 01/07/2024

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

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

Blank Blood Lot: Lampire 23E52981

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

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: Incorrect well positions were specified for M2023-4780-1 and M2023-4863-2. They were injected on 12/12/23. Reinject samples will not be evaluated for tramadol due to the end QC ratio being out of tolerances.

Curve Limits:

- 7-aminoclonazepam 5-500 -- calibrator 8 dropped due to accuracy
- Amphetamine 5-250 -- calibrators 7 and 8 dropped due to accuracy
- Dihydrocodeine: 5-500 -- calibrator 8 dropped due to accuracy
- Etizolam: 5-250 -- calibrators 7 and 8 dropped due to accuracy
- Hydroxyzine: 5-500 -- calibrator 8 dropped due to accuracy
- Ketamine: 5-500 -- calibrator 8 dropped due to accuracy
- Lamotrigine: 5-500 -- calibrator 8 dropped due to accuracy
- MDA: 5-500 -- calibrator 8 dropped due to accuracy
- Meprobamate: 5-500 -- calibrator 8 dropped due to accuracy
- Metoprolol: 5-500 -- calibrator 8 dropped due to accuracy
- Phentermine 5-500 -- calibrator 8 dropped due to accuracy
- Sertraline 5-500 -- calibrator 8 dropped due to accuracy
- Temazepam: 5-500 -- calibrator 8 dropped due to ISTD peak shape/chromatography
- Trazodone 5-500 -- calibrator 8 dropped due to accuracy

	1	2	3	4	5
A	IS + Cal. 1	IS + QC_1	M2023-4610-1	P2023-3478-1	P2023-3534-1
B	IS + Cal. 2	IS + QC_2	M2023-4780-1*	P2023-3487-1	P2023-3546-1
C	IS + Cal. 3	IS + QC_3	M2023-4775-2	P2023-3511-2	P2023-3602-1
D	IS + Cal. 4	IS + QC_4	M2023-4931-2*	P2023-3520-1	M2023-4780-1*
E	IS + Cal. 5	IS + QC_2	M2023-4863-1	P2023-3525-1	M2023-4931-2*
F	IS + Cal. 6	Blood NEG	M2023-4868-2	P2023-3527-1	
G	IS + Cal. 7	M2023-4426-1	P2023-3418-1	P2023-3528-1	
H	IS + Cal. 8	M2023-4479-2	P2023-3446-1	P2023-3529-1	

*Additional aliquots were taken during sampling due to clots in the blood.

AM #28 Multi-Drug Quant. Results



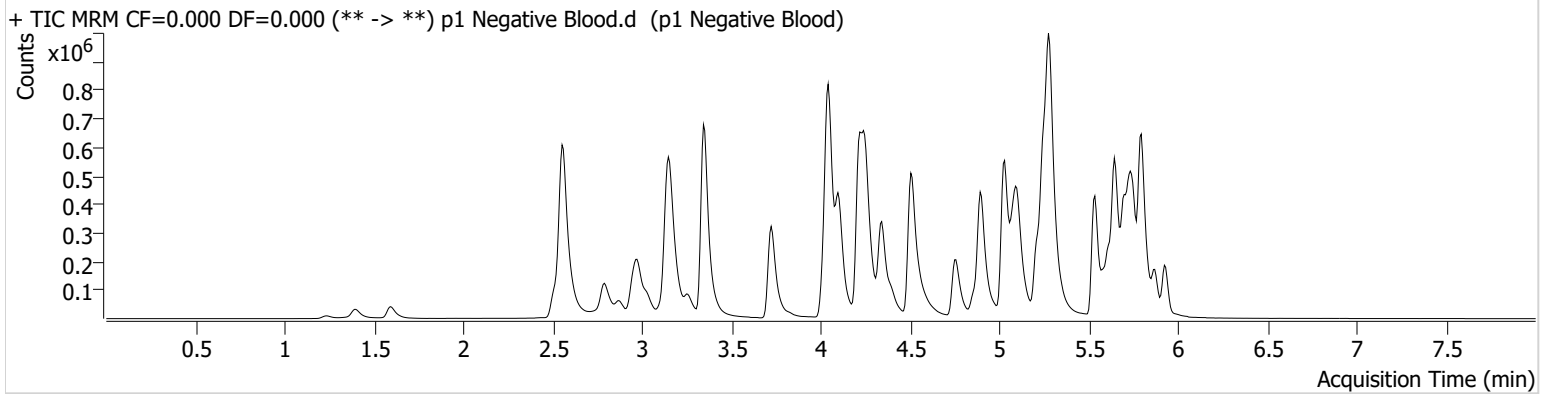
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Calibration Last Update 12/12/2023 1:29:48 PM

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Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F2
Injection Volume 2
Acq. Date-Time 12/9/2023 1:59:40 AM
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

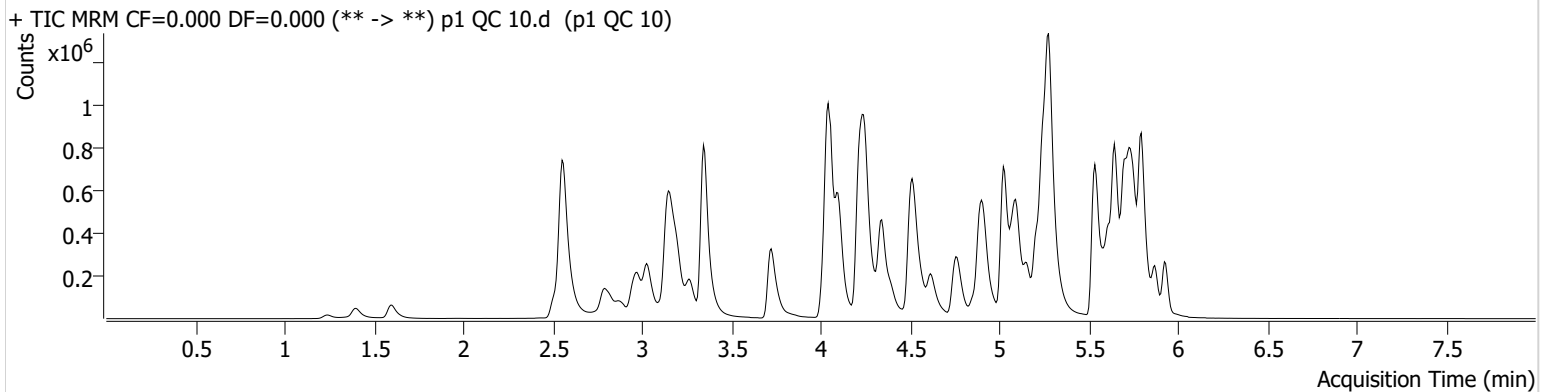
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Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A2
Injection Volume 2
Acq. Date-Time 12/9/2023 12:55:53 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	3326	391.03	76.9	5713.69	101307	1.0505 ng/ml
7-aminoclonazepam	4.238	63395	444.95	79.7	155.72	259440	10.4072 ng/ml
a-hydroxyalprazolam	5.676	32356	1061.03	67.2	240.52	160506	9.4991 ng/ml
alpha-PHP	4.922	65871	2060.68	264.6	8442.44	997846	10.6658 ng/ml
alpha-PVP	4.350	252408	5731.95	47.1	4898.82	997846	9.9230 ng/ml
Alprazolam	5.753	120633	702.82	122.9	1163.10	562404	9.8808 ng/ml
Amphetamine	3.029	352329	7041.72	48.7	343.36	478347	10.9189 ng/ml
Benzoylcegonine	3.857	5145	72.23	37.0	130.34	19778	8.8311 ng/ml
Bromazolam	5.791	50752	1077.58	117.9	1309.06	259376	10.1363 ng/ml
Buprenorphine	5.838	5984	105.03	17.9	1884.14	213809	1.0199 ng/ml
Bupropion	4.772	222570	4246.37	67.4	2893.79	700043	10.0791 ng/ml
Carisoprodol	5.708	115603	372.70	59.7	262.40	513745	10.1177 ng/ml
Citalopram	5.213	183271	544.63	37.0	204.98	848017	9.9650 ng/ml
Clonazepam	5.588	148392	242.28	34.5	19722.09	196414	10.2135 ng/ml
Clonazolam	5.532	103549	767.07	31.8	77038.89	196414	10.6376 ng/ml
Cocaine	4.251	168464	9893.61	49.3	4296.79	1304719	10.3565 ng/ml
Codeine	2.566	19514	1150.44	107.9	1242.32	108758	10.9151 ng/ml
Cyclobenzaprine	5.618	143530	5617.51	10.2	72.77	660466	9.6384 ng/ml
Dextromethorphan	5.256	125719	3664.49	84.0	2030.74	570493	10.2009 ng/ml
Dextrorphan	4.104	80244	2809.21	213.8	5051.62	921379	9.6935 ng/ml
Diazepam	5.932	85254	358.53	89.2	474.78	380931	10.6426 ng/ml
Dihydrocodeine	2.538	56551	210.38	59.3	590.29	310283	10.6118 ng/ml
Diphenhydramine	5.284	503348	12544.94	27.7	344.76	2385842	10.0461 ng/ml
Doxylamine	4.525	424838	5530.20	100.9	315.76	1944161	10.0187 ng/ml
Duloxetine	5.638	11268		11.8	51.27	58923	10.4662 ng/ml
EDDP	5.249	261752	419.36	42.8	1543.05	1350863	10.1371 ng/ml
Etizolam	5.798	52644	1393.37	26.2	609.98	196414	9.8113 ng/ml
Fentanyl	5.089	14907	198.04	78.6	∞	865563	0.9536 ng/ml
Fluorofentanyl	5.150	40999	134.38	40.6	924.54	6599	1.0985 ng/ml
Fluoxetine	5.698	126391	6717.90	7.4	147.64	441378	10.4173 ng/ml
Hydrocodone	3.005	75909	205.09	32.3	71.63	414096	10.4008 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.609	48284	345.67	71.7	431.67	149569	10.1969 ng/ml
Hydroxyzine	5.702	166131	257.33	73.5	857.00	570493	10.0180 ng/ml
Ketamine	4.037	151189	11986.68	37.2	191.34	614858	10.5201 ng/ml
Lamotrigine	4.267	14293	117.64	81.9	∞	2065186	9.6167 ng/ml
Lorazepam	5.731	114042		52.1	250.59	791482	10.6923 ng/ml
MDA	3.177	234794	5431.54	31.3	537.59	737977	10.5956 ng/ml
MDMA	3.271	152361	505.74	94.5	2093.73	180310	9.7778 ng/ml
Meprobamate	4.882	55213	562.68	32.1	515.52	238140	10.9839 ng/ml
Methadone	5.650	342263	3198.65	46.4	1387.95	1288996	9.8847 ng/ml
Methamphetamine	3.205	335205	268.61	39.4	323.08	1464437	10.5126 ng/ml
Metoprolol	4.307	44195	1720.77	102.4	∞	1632646	10.7357 ng/ml
Mirtazapine	4.621	328396	6492.39	51.3	1601.41	997846	10.1295 ng/ml
Mitragynine	5.224	72711	9589.44	32.6	21133.29	1288996	10.9941 ng/ml
Morphine	1.247	8872	173.54	30.7	775.54	15477	10.0566 ng/ml
Norbuprenorphine	4.971	735	785.83	94.9	618.95	30301	1.0294 ng/ml
Nordiazepam	5.878	93672	561.29	59.9	527.63	297849	10.4688 ng/ml
Norfentanyl	4.064	35484	193.02	36.4	318.86	1439504	0.9918 ng/ml
Norhydrocodone	3.046	13938	108.34	38.1	90.32	122217	8.2306 ng/ml
Noroxycodone	2.896	42748	944.11	47.7	∞	159343	9.9118 ng/ml
O-desmethyl-tramadol	3.351	366730	14603.69	5.7	392.59	2114567	9.8756 ng/ml
o-desmethylvenlafaxine	4.056	427481	8364.86	19.4	628.30	422329	10.2286 ng/ml
Olanzapine	4.469	37210	222.74	52.6	1859.08	82896	10.3747 ng/ml
Oxazepam	5.734	152246	258.07	74.8	875.39	791482	10.5173 ng/ml
Oxycodone	2.821	134899	907.10	27.0	183.88	474883	10.5378 ng/ml
Oxymorphone	1.405	38357	128.58	46.5	170.16	133577	10.0923 ng/ml
Phentermine	3.760	72411	443.87	7.4	73.33	1080862	9.9690 ng/ml
Promethazine	5.535	265446	2551.50	32.5	752.13	1158666	10.1214 ng/ml
Pseudoephedrine	2.569	399058	4231.27	17.0	1266.53	2065186	9.9558 ng/ml
Quetiapine	5.551	244242	2986.05	54.1	3222.11	309184	10.5583 ng/ml
Sertraline	5.767	30799	115.71	98.3	201.16	138127	10.1991 ng/ml
Temazepam	5.801	248800	299.49	28.5	207.22	1132850	10.4154 ng/ml
Tramadol	4.226	684775	195.06	1.7	264.54	1632646	10.4645 ng/ml
Trazodone	5.156	310578	310.41	56.4	744.28	959954	10.1496 ng/ml
Venlafaxine	5.030	331382	1966.37	35.7	541.72	1807465	10.0541 ng/ml
Xylazine	4.058	136902	2129.20	43.6	162.39	488903	10.1126 ng/ml
Zolpidem	4.913	357909	338.13	28.0	806.02	1381921	10.3691 ng/ml

AM #28 Multi-Drug Quant. Results

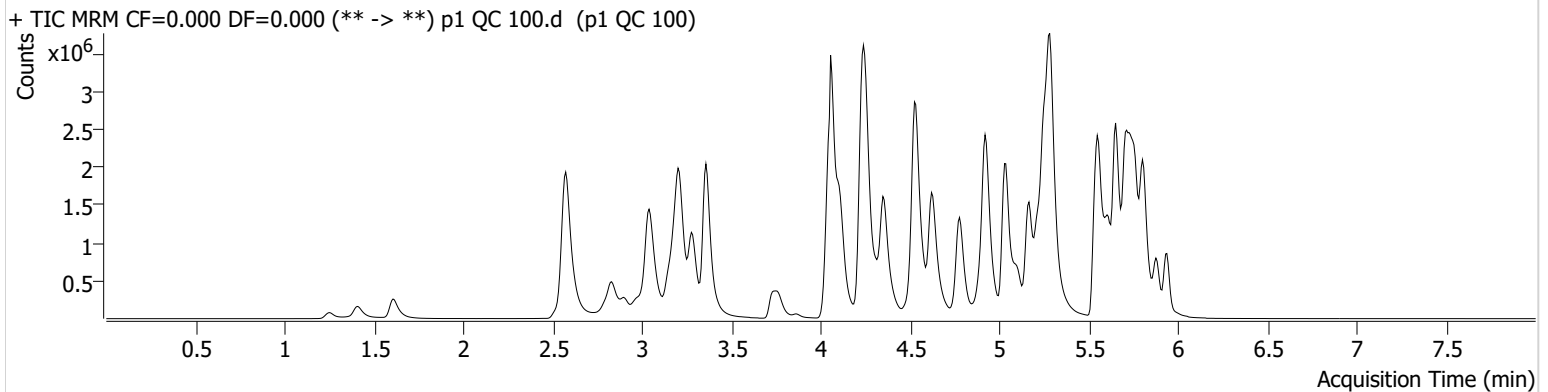


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Calibration Last Update 12/12/2023 1:29:48 PM

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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 12/9/2023 1:16:04 PM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	33520	47755.01	75.7	221.86	104995	9.6989 ng/ml
7-aminoclonazepam	4.245	507264	224.46	79.8	505.18	207424	105.8370 ng/ml
a-hydroxyalprazolam	5.683	288212	750.58	69.3	1989.84	133966	99.9143 ng/ml
alpha-PHP	4.929	615649	17723.37	259.4	∞	956953	109.3147 ng/ml
alpha-PVP	4.357	2450757	48593.38	48.8	33508.54	956953	97.1351 ng/ml
Alprazolam	5.760	1159056	2032.65	117.6	1893.28	489898	100.3698 ng/ml
Amphetamine	3.043	3193736	3857.18	46.3	8178.67	477591	106.5982 ng/ml
Benzoylcegonine	3.864	48899	2230.71	40.9	990.53	18174	94.8293 ng/ml
Bromazolam	5.798	415876	2162.88	123.0	981.58	217473	100.9848 ng/ml
Buprenorphine	5.845	56983	569.64	15.6	332.41	200798	9.5013 ng/ml
Bupropion	4.779	2223065	147381.21	68.5	97526.53	688508	100.5271 ng/ml
Carisoprodol	5.715	949107	398.00	60.8	551.06	426351	101.0141 ng/ml
Citalopram	5.213	1691001	77924.35	36.9	517015.88	733758	101.1106 ng/ml
Clonazepam	5.595	1260242	28857.27	34.9	37098.09	171931	102.3737 ng/ml
Clonazolam	5.539	851336	1938.59	33.8	∞	171931	104.8269 ng/ml
Cocaine	4.251	1594666	80456.14	50.7	56043.78	1285004	99.4507 ng/ml
Codeine	2.579	173293	8662.91	104.2	16167.31	99813	108.8244 ng/ml
Cyclobenzaprine	5.618	1093449	33478.63	8.8	424.31	476099	96.4511 ng/ml
Dextromethorphan	5.263	1096793	83505.84	79.3	32450.67	493749	100.7405 ng/ml
Dextrorphan	4.111	777233	25791.31	213.5	∞	868602	98.3041 ng/ml
Diazepam	5.939	803562	7560.38	88.1	3888.25	362047	104.6671 ng/ml
Dihydrocodeine	2.551	549209	13326.52	60.5	15469.27	304265	110.8421 ng/ml
Diphenhydramine	5.291	4707787	74991.25	29.3	17729.25	2161128	98.5212 ng/ml
Doxylamine	4.532	4486847		97.5	∞	1975763	96.9409 ng/ml
Duloxetine	5.645	55895	1767.86	13.3	821.90	29717	102.0740 ng/ml
EDDP	5.256	2559671	69458.80	41.8	38633.44	1295727	100.1763 ng/ml
Etizolam	5.805	461529	2420.45	27.7	896.59	171931	93.1740 ng/ml
Fentanyl	5.096	130182	9054.67	81.5	33245.18	731464	9.9402 ng/ml
Fluorofentanyl	5.157	319928	2640.93	38.6	110270.51	5275	10.6974 ng/ml
Fluoxetine	5.705	655566	27014.39	7.4	135737.62	233240	101.2633 ng/ml
Hydrocodone	3.012	726699		33.1	∞	405103	106.4556 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.609	456328	350.47	74.6	365.55	144586	99.9691 ng/ml
Hydroxyzine	5.702	1433136	87309.84	78.1	2063.77	493749	95.6177 ng/ml
Ketamine	4.037	1393906	44310.50	37.3	1140.85	604488	104.1486 ng/ml
Lamotrigine	4.274	135885	8158.19	85.5	121096.61	1879487	102.5751 ng/ml
Lorazepam	5.731	734622		48.6	∞	562267	104.2067 ng/ml
MDA	3.190	1885409	23629.89	31.4	23645.73	649427	101.9170 ng/ml
MDMA	3.285	1500640	187192.22	95.3	32978.99	171685	98.9933 ng/ml
Meprobamate	4.889	483063	5542.77	32.3	5721.47	234856	105.7191 ng/ml
Methadone	5.650	3266655	223445.79	45.1	154565.90	1167984	98.7072 ng/ml
Methamphetamine	3.211	3227521	14146.67	40.2	∞	1471172	107.8530 ng/ml
Metoprolol	4.314	425894	173049.83	105.1	∞	1656464	105.9277 ng/ml
Mirtazapine	4.621	3222836	113921.02	49.5	62058.15	956953	98.1872 ng/ml
Mitragynine	5.231	617941	2052.63	33.6	463729.28	1167984	107.5241 ng/ml
Morphine	1.253	86385	2000.07	30.1	534.76	16016	95.5613 ng/ml
Norbuprenorphine	4.985	5997	7285.99	97.5	52.64	28078	9.5968 ng/ml
Nordiazepam	5.885	832773	974.43	60.3	10933.88	263882	104.9113 ng/ml
Norfentanyl	4.071	313493		36.5	1280.52	1220725	9.7913 ng/ml
Norhydrocodone	3.060	142192	804.56	37.4	383.09	106011	81.2513 ng/ml
Noroxycodone	2.903	399138	99.82	47.3	157.58	148775	103.1108 ng/ml
O-desmethyl-tramadol	3.358	3790881	249300.52	5.7	8110.38	2109375	98.1189 ng/ml
o-desmethylvenlafaxine	4.056	4299605	278472.24	18.1	∞	386134	103.7158 ng/ml
Olanzapine	4.483	291430	5573.67	54.2	6912.78	65647	102.9933 ng/ml
Oxazepam	5.741	1075352	993.49	74.2	2040.16	562267	104.3638 ng/ml
Oxycodone	2.828	1276031	408.05	27.7	∞	486702	100.2175 ng/ml
Oxymorphone	1.405	354180	494.99	47.8	∞	135512	92.9447 ng/ml
Phentermine	3.767	706083	3204.61	7.1	227.92	1056181	103.2036 ng/ml
Promethazine	5.535	2003660	174481.33	32.5	49651.80	852896	98.2287 ng/ml
Pseudoephedrine	2.576	3716025	22435.47	18.0	32155.54	1879487	97.7531 ng/ml
Quetiapine	5.558	2213124	36061.76	57.1	64850.62	290154	104.7262 ng/ml
Sertraline	5.774	127807	2557.11	99.0	26596.04	58116	99.4671 ng/ml
Temazepam	5.808	1870271	1218.18	28.3	2426.04	859131	100.5379 ng/ml
Tramadol	4.233	6738849	227.18	1.7	∞	1656464	102.7624 ng/ml
Trazodone	5.163	2619876	487.72	59.8	128508.56	839633	103.0860 ng/ml
Venlafaxine	5.037	3280911	120107.30	35.7	24525.22	1755483	98.7079 ng/ml
Xylazine	4.065	1231125	156957.69	47.8	10940.73	432907	101.1143 ng/ml
Zolpidem	4.920	3626403		28.1	33041.25	1391583	105.4947 ng/ml



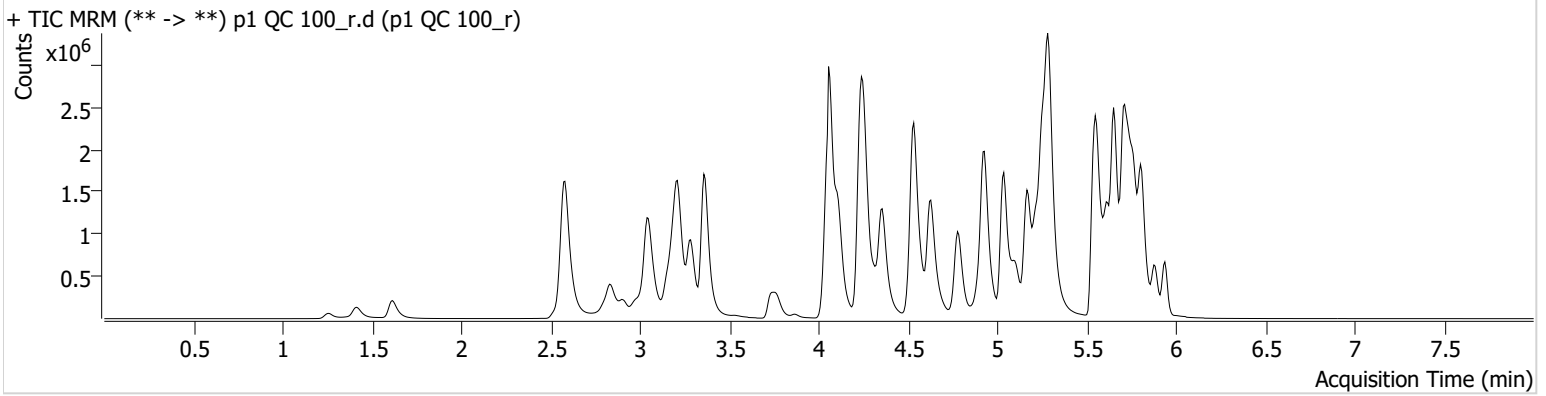
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901) **Data File** p1 QC 100_r.d
Type QC **Sample** p1 QC 100_r
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 12/12/2023 1:18:02 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	3.126	26951	126.21	73.3	1133.04	78089	10.4804 ng/ml
7-aminoclonazepam	4.252	146726	242.02	81.8	913.64	62326	101.8757 ng/ml
a-hydroxyalprazolam	5.683	220342	456.77	72.1	458.33	101523	100.7952 ng/ml
alpha-PHP	4.929	513173	1344.76	259.7	1343.31	790108	110.3662 ng/ml
alpha-PVP	4.357	2005406	45550.50	49.7	379.72	790108	96.2714 ng/ml
Alprazolam	5.760	910579	1507.78	114.7	3695.62	380385	101.5441 ng/ml
Amphetamine	3.049	2592131	2673.75	45.2	29850.90	395009	104.5888 ng/ml
Benzoylcegonine	3.864	49320	4478.80	36.7	879.16	16142	107.7343 ng/ml
Bromazolam	5.798	335104	2292.30	124.0	550639.73	170622	103.7208 ng/ml
Buprenorphine	5.852	48074	1031.30	15.5	8635.23	169072	9.5198 ng/ml
Bupropion	4.779	1705832	24875.88	68.3	17396.06	525073	101.1465 ng/ml
Carisoprodol	5.715	665789	375.62	61.7	4184.89	304357	99.2609 ng/ml
Citalopram	5.220	1511768	3566.96	36.3	209134.65	655195	101.2320 ng/ml
Clonazepam	5.595	968173	29071.52	34.3	3102.87	130006	104.0166 ng/ml
Clonazolam	5.539	630916	599502.93	35.1	180090.17	130006	102.7268 ng/ml
Cocaine	4.258	1327575	36776.65	50.9	358229.62	1067683	99.6458 ng/ml
Codeine	2.579	138495	347.16	108.8	4179.15	81393	106.6477 ng/ml
Cyclobenzaprine	5.618	1451386	1190489.11	8.9	3963.30	635524	95.9117 ng/ml
Dextromethorphan	5.263	1043359	226.69	79.8	60430.25	465423	101.6630 ng/ml
Dextrorphan	4.111	641589	12189.97	215.4	2916.50	739750	95.2868 ng/ml
Diazepam	5.939	550997	3262.88	89.4	547.81	260291	99.8309 ng/ml
Dihydrocodeine	2.551	432954	2927.63	61.3	12472.31	252315	105.3380 ng/ml
Diphenhydramine	5.291	4137793	1320.92	29.5	22108.02	1930640	96.9397 ng/ml
Doxylamine	4.532	3686299	131343.85	97.2	5880.79	1647797	95.5079 ng/ml
Duloxetine	5.645	120803	646.01	12.1	2338.71	67585	97.0036 ng/ml
EDDP	5.256	2080019	68987.07	42.3	494.51	1068181	98.7503 ng/ml
Etizolam	5.805	389585	4920.44	28.4	84387.76	130006	103.9473 ng/ml
Fentanyl	5.103	150234	∞	75.2	71861.83	829472	10.1161 ng/ml
Fluorofentanyl	5.157	414066	8820.15	37.7	6746.63	7431	9.8274 ng/ml
Fluoxetine	5.705	1343380	755.86	7.2	23059.75	468971	103.2009 ng/ml
Hydrocodone	3.012	591692	818.62	33.1	82.87	346946	101.1812 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.615	395569	4125.65	75.5	2424.29	126346	99.1689 ng/ml
Hydroxyzine	5.709	1414027	251110.32	79.3	887029.95	465423	100.0625 ng/ml
Ketamine	4.043	1163057	120091.64	36.9	3774.59	491485	106.8976 ng/ml
Lamotrigine	4.274	106506	610.03	83.9	106941.07	1585763	95.2737 ng/ml
Lorazepam	5.738	615298	1731.75	49.0	2434.63	455456	107.7794 ng/ml
MDA	3.190	1572680	6528.71	31.4	1833.05	511721	107.9269 ng/ml
MDMA	3.285	1264108	7820.68	93.5	7409.48	138688	103.2203 ng/ml
Meprobamate	4.889	364668	263.93	33.5	223847.48	175976	106.5193 ng/ml
Methadone	5.650	3013299	100633.40	46.3	47194.94	1076836	98.7584 ng/ml
Methamphetamine	3.218	2632773	1921.81	39.0	28988.85	1213293	106.6689 ng/ml
Metoprolol	4.321	356512	215235.85	103.6	38781.50	1459320	100.6269 ng/ml
Mirtazapine	4.628	2735411	24807.20	50.6	2591.74	790108	100.9188 ng/ml
Mitragynine	5.231	539401	625886.35	33.0	480.57	1076836	101.7742 ng/ml
Morphine	1.261	65145	444.97	30.1	234.25	10411	110.8788 ng/ml
Norbuprenorphine	4.991	4856	4752.27	102.6	8558.35	22990	9.4914 ng/ml
Nordiazepam	5.885	654002	515.63	60.1	5164.08	208168	104.4409 ng/ml
Norfentanyl	4.078	267560	9141.03	37.1	956.60	1048985	9.7252 ng/ml
Norhydrocodone	3.060	112328	∞	38.5	113.26	87505	77.8229 ng/ml
Noroxycodone	2.910	389205	3330.54	47.5	346.17	130135	114.9971 ng/ml
O-desmethyl-tramadol	3.365	3107177	114696.12	5.8	749.68	1734054	97.8308 ng/ml
o-desmethylvenlafaxine	4.056	3736268	∞	17.4	1204.17	328432	105.9422 ng/ml
Olanzapine	4.489	31724	305.32	49.4	578.63	8299	88.6822 ng/ml
Oxazepam	5.741	870132	7485.46	73.7	309.65	455456	104.2509 ng/ml
Oxycodone	2.835	1119439	1897.63	28.4	1560.87	425164	100.6459 ng/ml
Oxymorphone	1.411	293222	∞	48.0	625.30	110434	94.4238 ng/ml
Phentermine	3.767	580070	1159.52	7.2	1123.98	885316	101.1403 ng/ml
Promethazine	5.542	2406873	2043803.82	33.5	650.52	1052154	95.6656 ng/ml
Pseudoephedrine	2.582	3238264	56335.80	17.0	332.82	1585763	100.9491 ng/ml
Quetiapine	5.558	1865475	97325.26	58.1	17204.19	241782	105.9399 ng/ml
Sertraline	5.774	355016	2719.49	96.9	11438.69	161352	99.5167 ng/ml
Temazepam	5.808	1492602	968.49	28.3	2613.27	680038	101.3642 ng/ml
Tramadol	4.233	2849387	∞	3.7 High	∞	1459320	49.2455 ng/ml
Trazodone	5.170	2535299	5867.33	61.0	676.26	825358	101.4741 ng/ml
Venlafaxine	5.036	2692514	143954.70	36.1	798.30	1488053	95.5770 ng/ml
Xylazine	4.065	972808	1431607.99	46.9	2157.41	337478	102.4891 ng/ml
Zolpidem	4.927	2935127	790.02	28.0	440729.09	1132164	104.9490 ng/ml



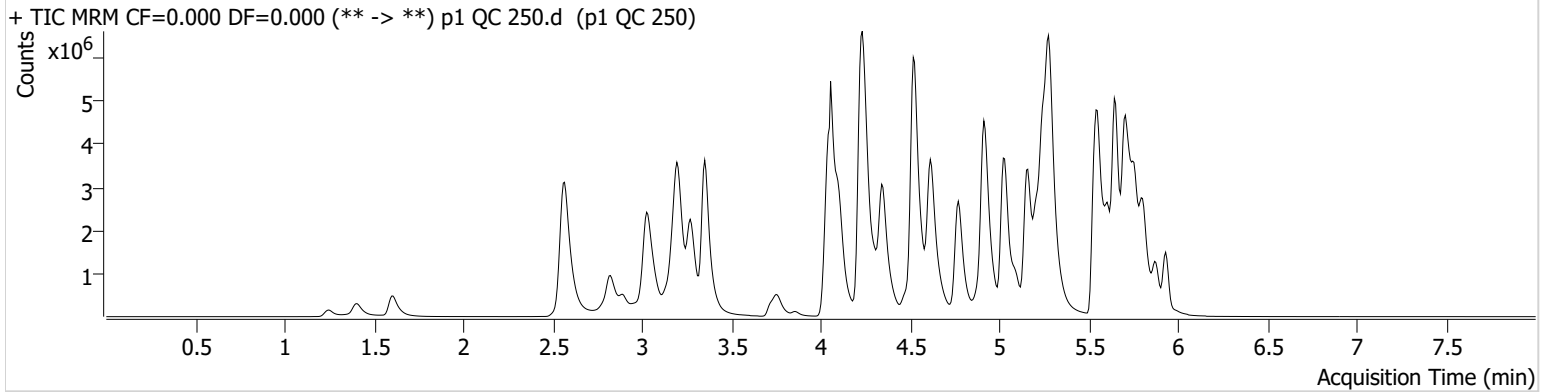
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901) **Data File** p1 QC 250.d
Type QC **Sample** p1 QC 250
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 12/9/2023 1:17:09 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	73658	5732.90	74.0	31126.06	88818	25.1001 ng/ml
7-aminoclonazepam	4.238	868360	18094.74	81.0	4617.05	152758	246.2595 ng/ml
a-hydroxyalprazolam	5.676	445952		74.2	1266.59	85652	241.5905 ng/ml
alpha-PHP	4.922	1294178		260.2	91019.69	850393	259.4278 ng/ml
alpha-PVP	4.350	5473694	211713.75	49.4	66603.00	850393	243.5815 ng/ml
Alprazolam	5.753	2242099	2302.89	113.5	1644.83	358215	264.1177 ng/ml
Amphetamine	3.029	5698435	4282.59	45.2	59771.85	408942	223.1283 ng/ml
Benzoylcegonine	3.857	120949	13419.42	36.8	1618.05	16769	254.8265 ng/ml
Bromazolam	5.791	726710	1102.04	121.1	381.59	151803	253.1311 ng/ml
Buprenorphine	5.838	132046	782.45	15.0	4149.06	180211	24.3870 ng/ml
Bupropion	4.772	5014344	158540.75	67.6	94713.02	608204	256.3765 ng/ml
Carisoprodol	5.708	1424817	19053.94	60.9	757.76	257810	250.9332 ng/ml
Citalopram	5.206	3578476		36.4	∞	612985	255.3090 ng/ml
Clonazepam	5.595	2057367	47731.40	34.8	8603.48	115980	248.2871 ng/ml
Clonazolam	5.532	1363981	1442.68	35.5	237853.12	115980	249.7770 ng/ml
Cocaine	4.244	3431329	24718366.50	50.6	20793.11	1095801	250.9265 ng/ml
Codeine	2.573	330116	6233.31	103.7	9613.58	79202	261.7707 ng/ml
Cyclobenzaprine	5.618	2828220	216428.48	8.8	188.62	490436	241.3247 ng/ml
Dextromethorphan	5.256	2312989	45523.59	78.2	26361.95	417174	251.1011 ng/ml
Dextrorphan	4.104	1584307	64193.13	214.8	57643.62	708624	245.4123 ng/ml
Diazepam	5.932	1559448	559.07	89.7	894.63	291538	252.1113 ng/ml
Dihydrocodeine	2.538	1109310	17936.82	61.1	243613.01	277945	245.8639 ng/ml
Diphenhydramine	5.284	10146127	690517.62	29.4	33509.00	1819620	251.3101 ng/ml
Doxylamine	4.518	10585851	73107.40	94.8	130581.91	1763369	255.0054 ng/ml
Duloxetine	5.638	162339	6847.40	12.8	290.67	35085	250.9523 ng/ml
EDDP	5.249	5359570	48981.02	42.3	39958.57	1073500	252.6489 ng/ml
Etizolam	5.798	915653	922.24	28.3	2132.41	115980	272.9333 ng/ml
Fentanyl	5.089	326383	26227.65	79.7	87135.12	737324	24.7371 ng/ml
Fluorofentanyl	5.150	817950	18987.68	39.4	309728.50	6004	24.0234 ng/ml
Fluoxetine	5.705	1792076	16795.59	7.4	290.58	261077	247.1400 ng/ml
Hydrocodone	3.005	1483886	6723.95	34.6	∞	368746	239.4716 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.609	960994	214.54	75.2	∞	121951	249.6512 ng/ml
Hydroxyzine	5.702	3354971	71908.87	81.9	123368.64	417174	264.0925 ng/ml
Ketamine	4.030	2772042	223741.54	36.9	837.56	517817	242.6527 ng/ml
Lamotrigine	4.267	255204	14029.55	88.9	14072.52	1493051	242.8126 ng/ml
Lorazepam	5.731	833412		52.5	130.95	299659	222.8373 ng/ml
MDA	3.177	3313656	27494.37	31.0	22459.90	487018	239.7197 ng/ml
MDMA	3.271	3211932	51363.80	96.0	145584.02	143579	253.0016 ng/ml
Meprobamate	4.882	812039	11311.39	32.1	7798.51	171520	244.7088 ng/ml
Methadone	5.650	7616520	141689.67	44.0	54350.23	1044796	256.3694 ng/ml
Methamphetamine	3.205	7021143	190236.64	38.5	79525.25	1341340	258.4788 ng/ml
Metoprolol	4.307	858263		105.3	∞	1473582	240.5480 ng/ml
Mirtazapine	4.614	7334430	158687.12	49.1	134469.37	850393	250.5267 ng/ml
Mitragynine	5.224	1319089	105587.60	33.5	20430.31	1044796	257.3184 ng/ml
Morphine	1.247	182259	1009.29	30.1	1153.09	13234	244.1821 ng/ml
Norbuprenorphine	4.978	14493	18259.60	96.9	9821.88	27052	24.1795 ng/ml
Nordiazepam	5.878	1504243	699.68	61.0	1793.65	199284	250.9076 ng/ml
Norfentanyl	4.064	566203	63264.11	38.4	9281.78	878646	24.4823 ng/ml
Norhydrocodone	3.053	327846	2842.32	38.7	713.91	88256	222.4701 ng/ml
Noroxycodone	2.896	787960	156.46	47.1	∞	123757	245.3166 ng/ml
O-desmethyl-tramadol	3.351	8681084	172788.76	5.7	11535.85	1849825	255.4924 ng/ml
o-desmethylvenlafaxine	4.056	8125778	274951.07	19.0	∞	294026	256.1100 ng/ml
Olanzapine	4.469	918673	26600.04	55.2	∞	85191	250.2453 ng/ml
Oxazepam	5.734	1428729	335.72	69.2	7675.31	299659	260.1397 ng/ml
Oxycodone	2.821	2784136	495.49	28.5	487.69	428519	248.8825 ng/ml
Oxymorphone	1.405	828393		45.3	∞	114176	258.2493 ng/ml
Phentermine	3.760	1360040		7.3	1205.29	911655	230.8133 ng/ml
Promethazine	5.535	5588190	1329.40	32.0	23780.27	917632	253.6752 ng/ml
Pseudoephedrine	2.569	7687151	11161.82	16.8	∞	1493051	253.8406 ng/ml
Quetiapine	5.551	4624326	189909.95	59.1	70018.29	252038	252.3707 ng/ml
Sertraline	5.767	397524	14951.77	97.6	49195.28	70838	253.6189 ng/ml
Temazepam	5.808	2899502	23443.80	28.0	737.25	532260	251.1290 ng/ml
Tramadol	4.226	14864427	257.40	1.8	472.62	1473582	255.0174 ng/ml
Trazodone	5.156	6088799	193562.44	63.0	71197.74	837833	240.8943 ng/ml
Venlafaxine	5.030	7525092	565742.75	33.9	18691.36	1562560	253.6999 ng/ml
Xylazine	4.058	2567760	299239.83	49.7	12678.27	357856	254.8604 ng/ml
Zolpidem	4.913	7877440	146471.05	27.4	∞	1246352	256.0461 ng/ml

AM #28 Multi-Drug Quant. Results

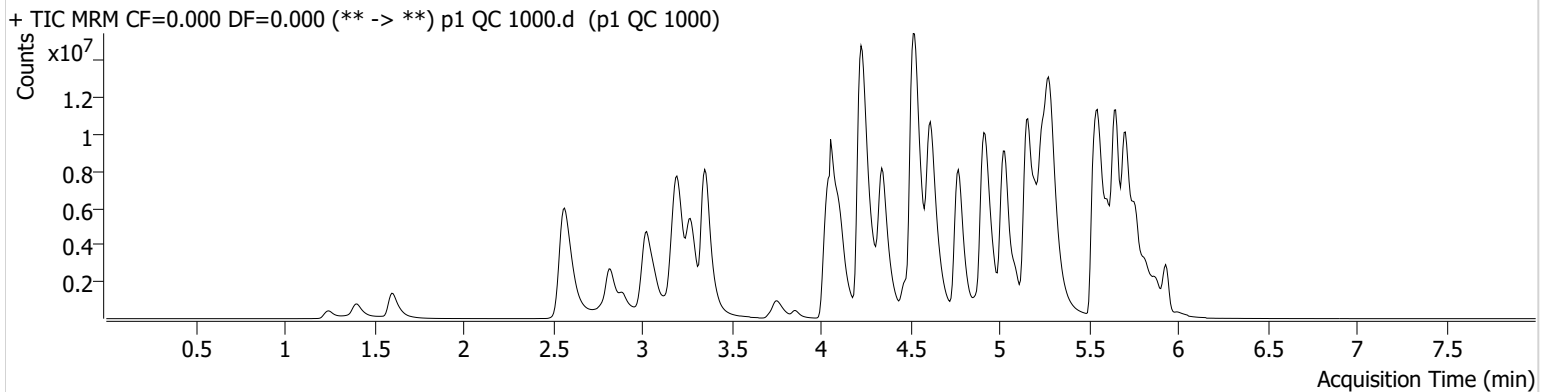


Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-D2 **Comment**
Injection Volume 2
Acq. Date-Time 12/9/2023 1:38:24 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	238796	8836.35	72.4	858.15	69108	104.3954 ng/ml
7-aminoclonazepam	4.238	1236964	1152.45	85.3	466.20	72035	744.2710 ng/ml
a-hydroxyalprazolam	5.676	587553	4904.85	67.8	582.83	24385	1117.4689 ng/ml
alpha-PHP	4.922	3301186	23670.38	260.4	∞	632549	891.1392 ng/ml
alpha-PVP	4.343	17671092	512991.02	49.3	96043.43	632549	1055.9704 ng/ml
Alprazolam	5.753	4377668		109.3	∞	170195	1082.7094 ng/ml
Amphetamine	3.029	11735221	173461.95	44.7	112586.60	338571	556.3857 ng/ml
Benzoylcegonine	3.857	494371	48463.80	36.7	6520.53	16701	1046.9829 ng/ml
Bromazolam	5.791	1233805	613.80	125.7	∞	64122	1018.0941 ng/ml
Buprenorphine	5.838	470379	1596.59	14.8	15165.48	136029	114.7459 ng/ml
Bupropion	4.772	17248548	420165.62	66.7	395495.20	541813	989.3856 ng/ml
Carisoprodol	5.715	1441505	321.43	61.3	44976.74	62115	1054.0382 ng/ml
Citalopram	5.206	8220536	80238.55	36.3	∞	341448	1051.2497 ng/ml
Clonazepam	5.588	2345699	41108.97	33.9	9899.64	36904	890.6304 ng/ml
Clonazolam	5.525	1501063	6833.58	37.3	1452.40	36904	865.3141 ng/ml
Cocaine	4.251	9440561	86838.06	50.0	181920.59	734695	1029.6582 ng/ml
Codeine	2.573	688829		107.4	11155.45	52765	820.6851 ng/ml
Cyclobenzaprine	5.612	9000111	119856.56	8.0	570.09	345977	1086.6236 ng/ml
Dextromethorphan	5.256	5279003	138001.35	76.6	29298.83	228137	1047.2392 ng/ml
Dextrorphan	4.104	4147394	79629.29	220.0	66566.48	440065	1034.0536 ng/ml
Diazepam	5.932	3616889	367.92	87.4	9217.56	169739	1004.0238 ng/ml
Dihydrocodeine	2.531	2834440	27189.27	65.1	32666.74	240803	726.3728 ng/ml
Diphenhydramine	5.284	26249952	114534.73	30.1	158856.08	1153799	1023.6686 ng/ml
Doxylamine	4.525	34751138	408831.05	95.2	340360.06	1415609	1040.4193 ng/ml
Duloxetine	5.638	406275	3482.16	13.2	188.21	22681	971.2426 ng/ml
EDDP	5.242	16802018	87080.67	40.6	47396.91	782622	1085.2849 ng/ml
Etizolam	5.798	2089055	3921.01	29.0	10327.28	36904	1953.4795 ng/ml
Fentanyl	5.089	1465054	1201890.92	76.9	∞	730216	112.1517 ng/ml
Fluorofentanyl	5.143	2888333	130761.35	42.0	16509.09	5663	89.9356 ng/ml
Fluoxetine	5.705	5066343	150253.12	7.5	2490.06	179904	1013.5854 ng/ml
Hydrocodone	2.998	4473485		36.6	∞	295513	902.3135 ng/ml

AM #28 Multi-Drug Quant. Results

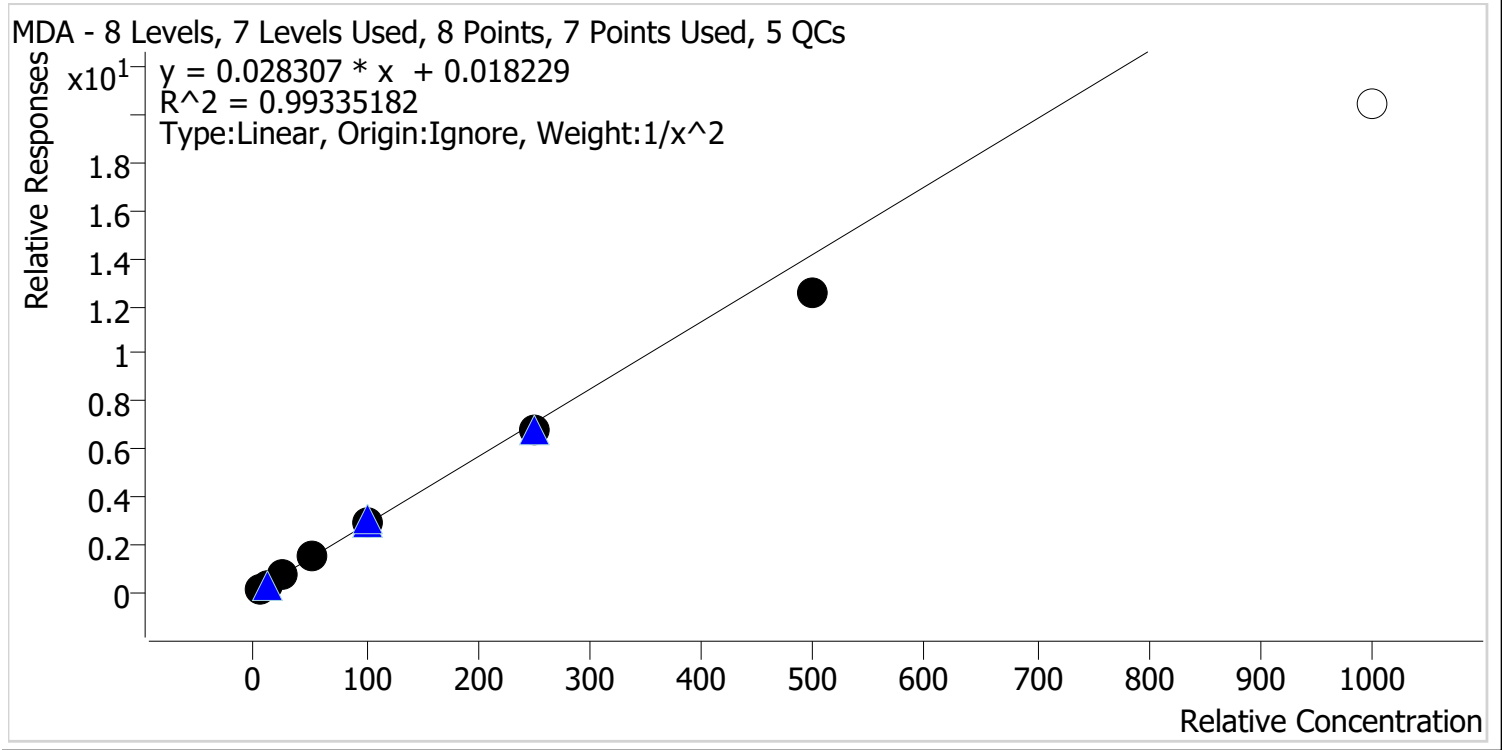


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	3137565	261.84	74.9	146.39	99629	997.8089 ng/ml
Hydroxyzine	5.702	9563160	197975.81	84.4	305166.57	228137	1374.5539 ng/ml
Ketamine	4.023	6398201	377907.69	35.5	1029.82	377462	769.7467 ng/ml
Lamotrigine	4.267	462653	29244.52	87.0	23965.17	874975	751.6030 ng/ml
Lorazepam	5.731	699835		49.5	3207.76	53844	1044.6848 ng/ml
MDA	3.163	5728807	108782.73	30.1	40686.84	278068	727.1689 ng/ml
MDMA	3.271	9129278	130204.11	96.2	73811.47	99219	1039.9007 ng/ml
Meprobamate	4.875	1542216	51352.19	31.3	6935.30	122933	650.1639 ng/ml
Methadone	5.650	21448783	200599.53	46.5	160573.77	742923	1013.6335 ng/ml
Methamphetamine	3.198	19677959	141449.93	37.8	185893.61	1208333	805.9184 ng/ml
Metoprolol	4.307	1903351	103151.33	104.4	2085.94	1108425	710.1064 ng/ml
Mirtazapine	4.614	24217509	670246.13	47.5	121513.49	632549	1110.0595 ng/ml
Mitragynine	5.217	3194121		35.5	3688625.69	742923	877.5311 ng/ml
Morphine	1.247	569111		29.9	∞	10775	936.7926 ng/ml
Norbuprenorphine	4.978	45456	14393.63	97.8	77631.62	20185	101.8560 ng/ml
Nordiazepam	5.878	2746623		56.9	6608.32	88247	1034.5452 ng/ml
Norfentanyl	4.071	890767	36873.74	39.4	865.60	317495	106.3986 ng/ml
Norhydrocodone	3.046	1082667	1686.43	38.8	804.27	63283	1019.3846 ng/ml
Noroxycodone	2.896	2206329		49.0	∞	85789	992.2513 ng/ml
O-desmethyl-tramadol	3.351	26680521	277232.31	6.0	32938.18	1403134	1033.8386 ng/ml
o-desmethylvenlafaxine	4.056	14393533	376723.01	21.6	∞	145433	914.8997 ng/ml
Olanzapine	4.469	3538292	159141.69	61.6	∞	92539	887.4053 ng/ml
Oxazepam	5.734	1001845	112.02	73.5	7760.87	53844	1015.1149 ng/ml
Oxycodone	2.814	9050419	363.39	27.9	404.56	386415	898.1354 ng/ml
Oxymorphone	1.398	2527511	379.83	45.0	5301.75	95427	943.1148 ng/ml
Phentermine	3.760	3578623	1372.53	7.1	∞	749812	739.3320 ng/ml
Promethazine	5.528	20832442	711994.14	31.8	59293.34	808883	1070.8877 ng/ml
Pseudoephedrine	2.569	19681159		16.0	∞	874975	1107.4825 ng/ml
Quetiapine	5.558	11462137	279653.40	59.2	88510.93	161418	977.6395 ng/ml
Sertraline	5.767	1427247	453406.37	93.3	23738.11	63050	1022.6740 ng/ml
Temazepam	5.815	3702872	82040.33	28.4	8449.82	61662	2765.2837 ng/ml
Tramadol	4.219	40183012	215.83	1.8	196.76	1108425	916.8755 ng/ml
Trazodone	5.156	18970552	173922.53	68.7	476493.09	848594	742.2723 ng/ml
Venlafaxine	5.030	23259512	612917.82	33.6	∞	1154535	1059.9915 ng/ml
Xylazine	4.058	7628159	189828.86	50.4	18586.07	261501	1035.5701 ng/ml
Zolpidem	4.913	23362938	613774.50	26.7	246292.28	994007	952.5134 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

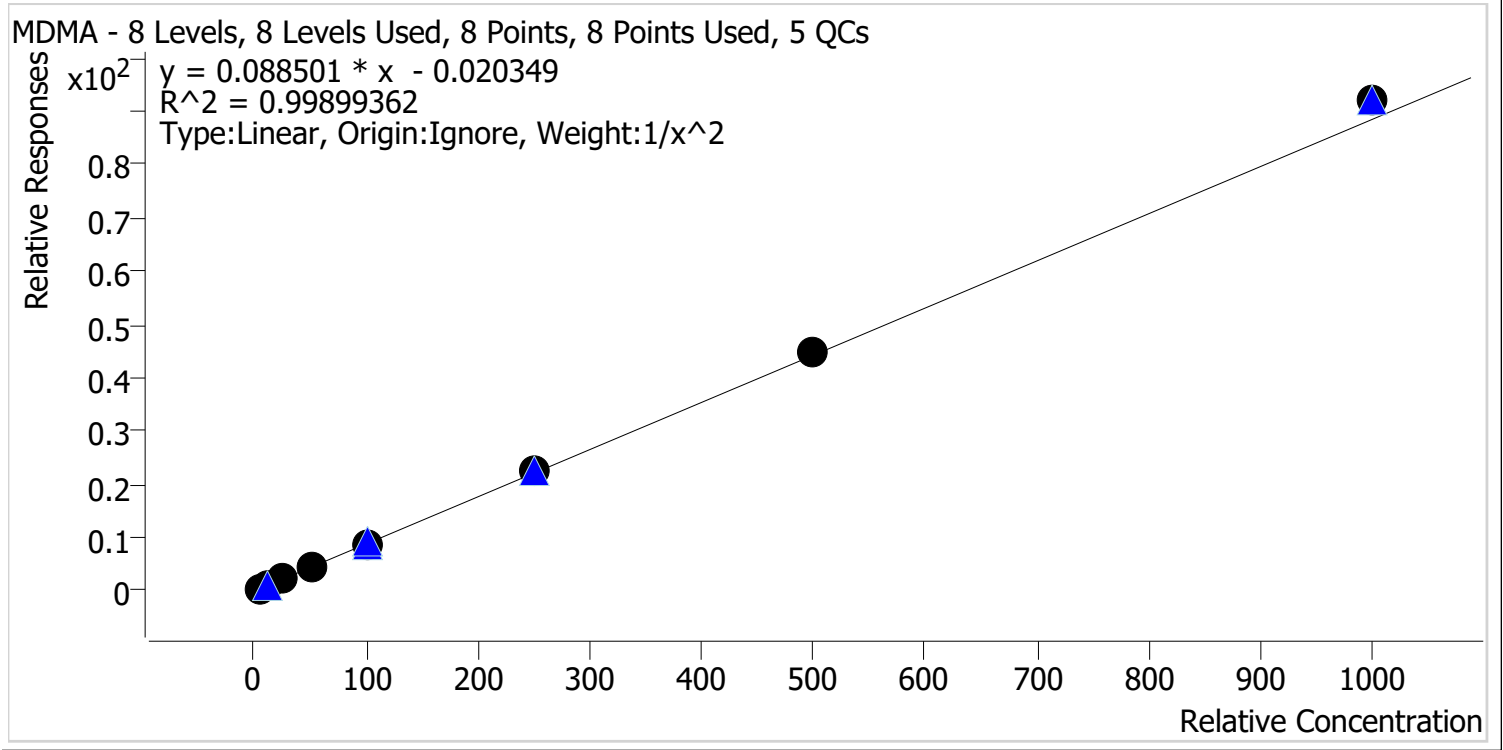


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	442.0	88.4
p1 Cal 8-1000ng	8	✗	1000.0	723.9	72.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

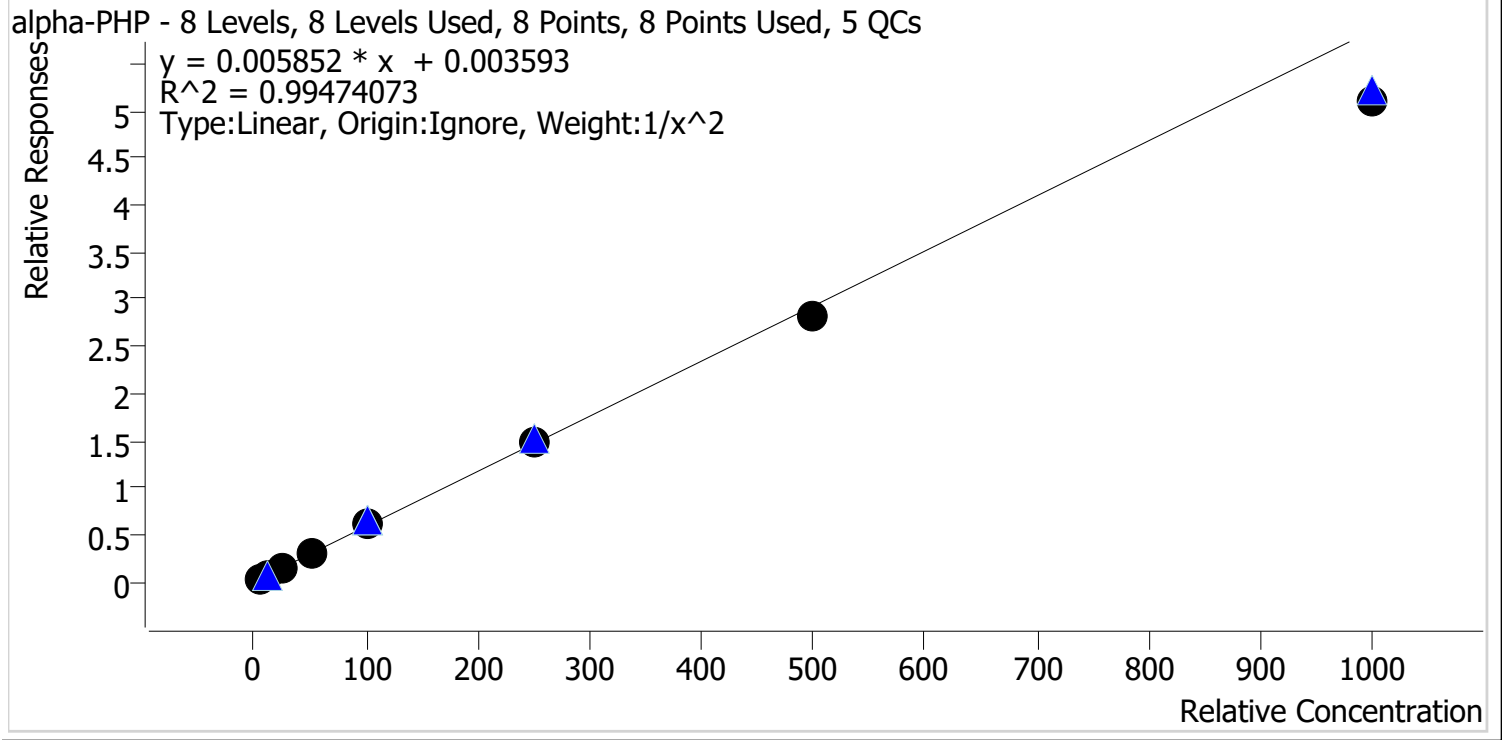


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1038.6	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



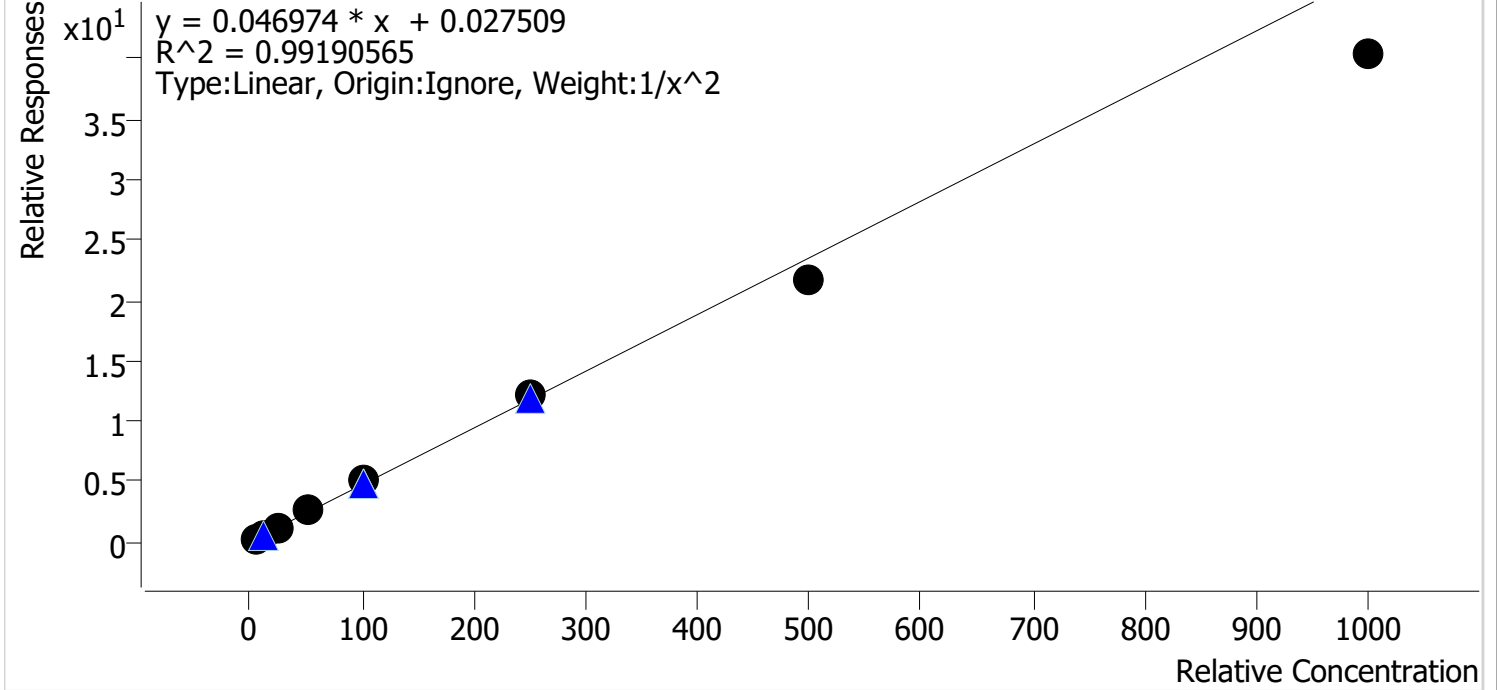
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	481.7	96.3
p1 Cal 8-1000ng	8	✓	1000.0	873.1	87.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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

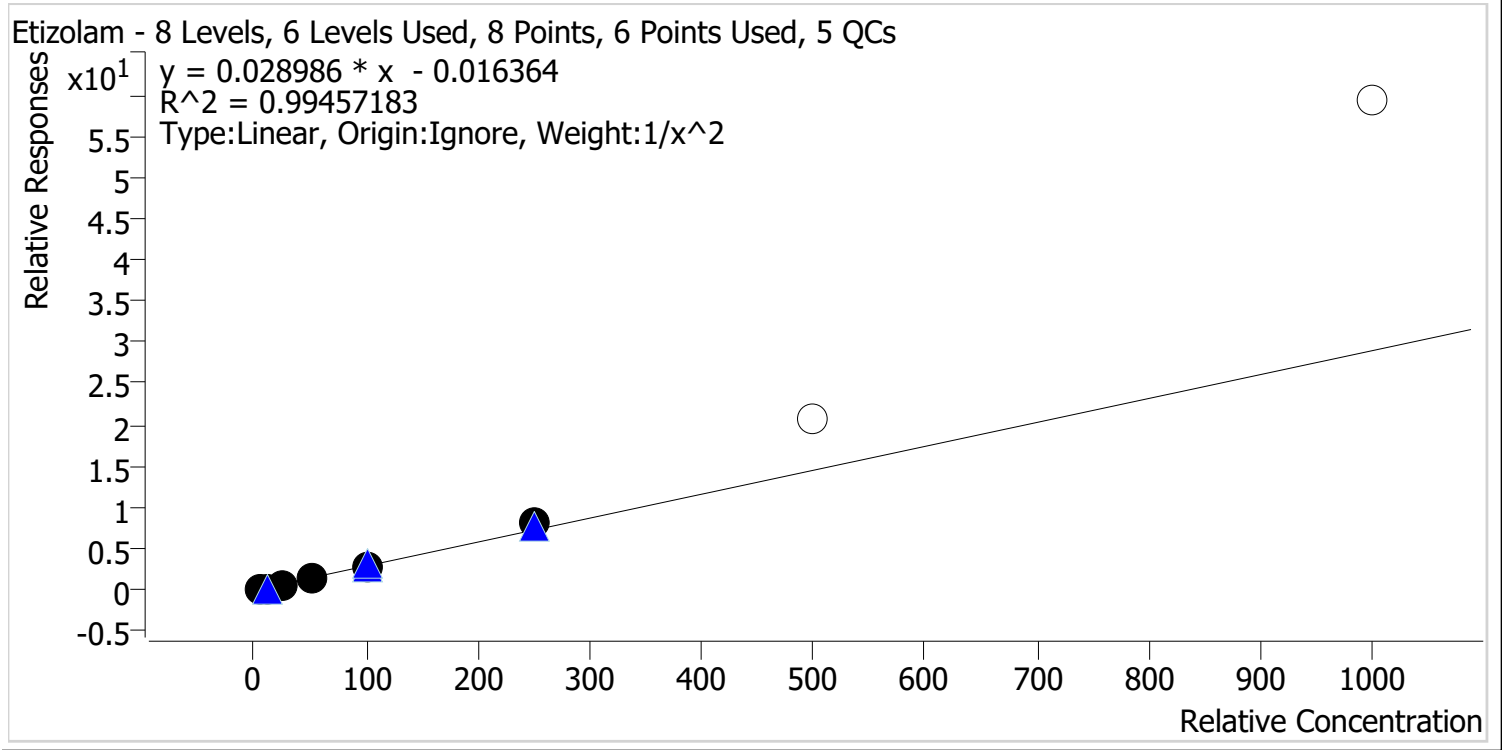


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.5
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	54.6	109.3
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	461.5	92.3
p1 Cal 8-1000ng	8	✓	1000.0	860.8	86.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

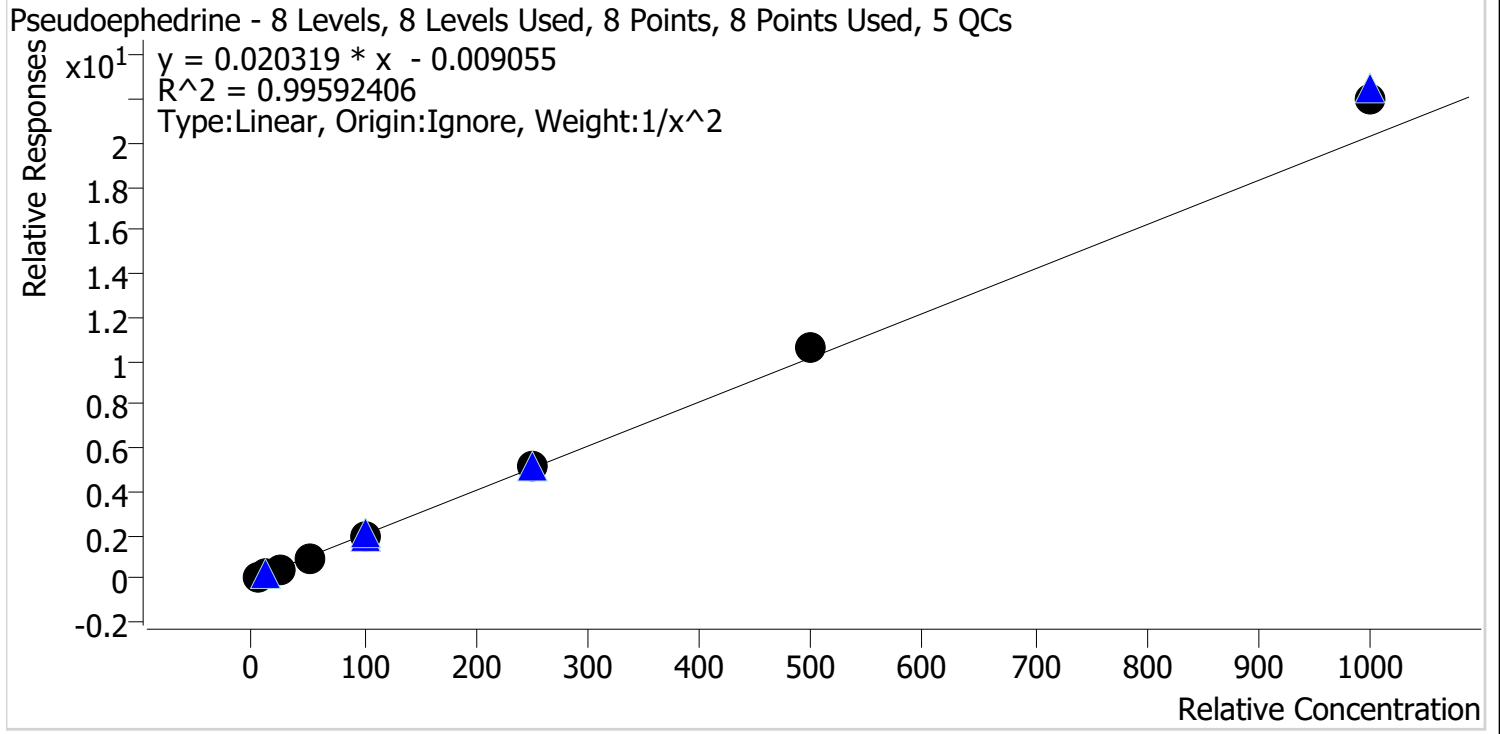


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	277.9	111.2
p1 Cal 7-500ng	7	x	500.0	708.5	141.7
p1 Cal 8-1000ng	8	x	1000.0	2045.3	204.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

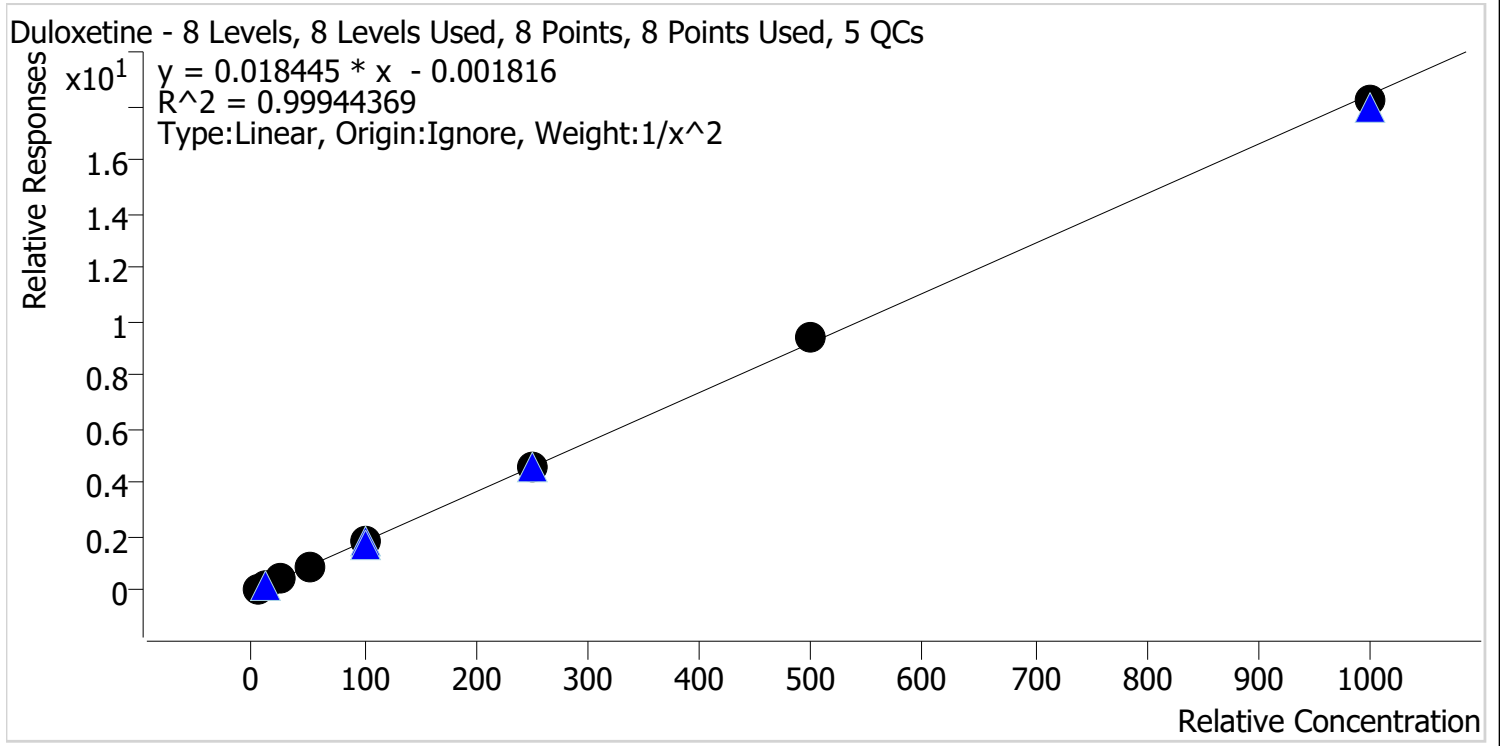


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	46.8	93.6
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	526.9	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1083.4	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



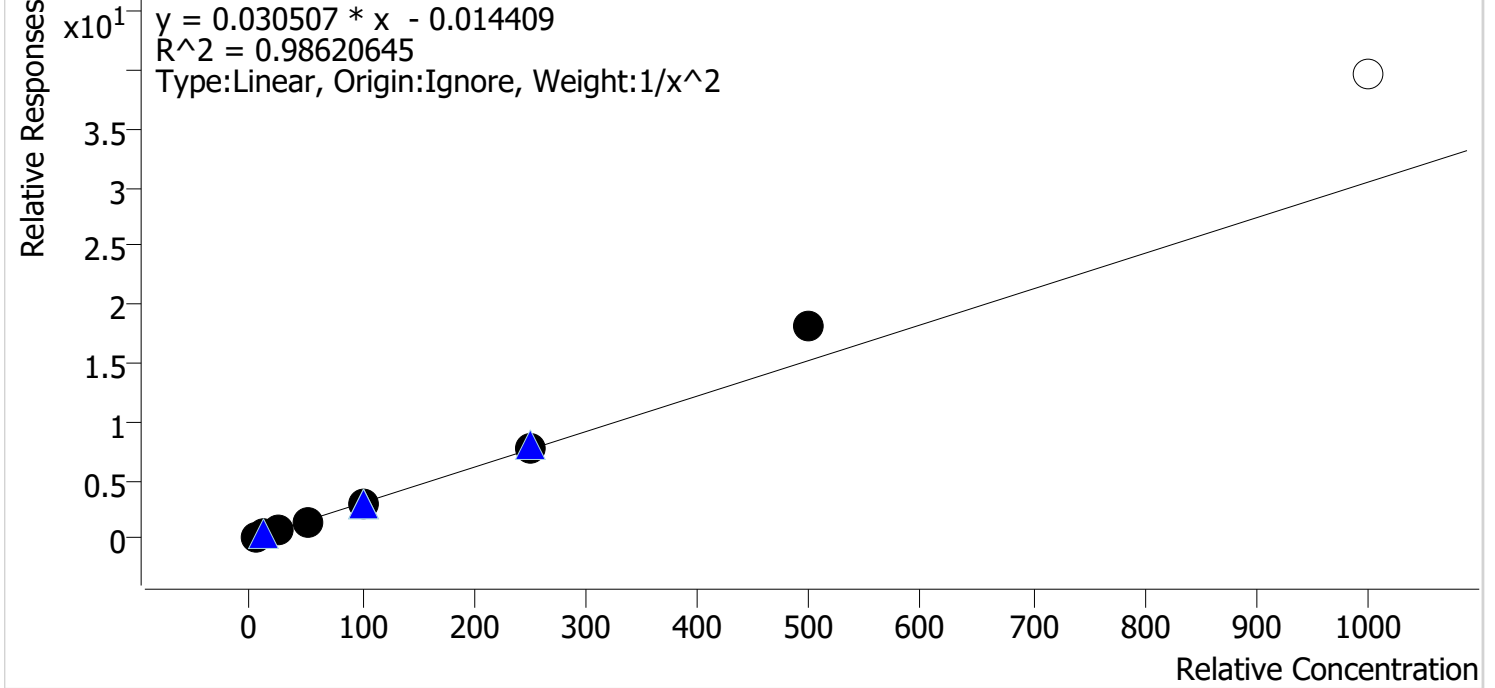
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	987.7	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

Hydroxyzine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs

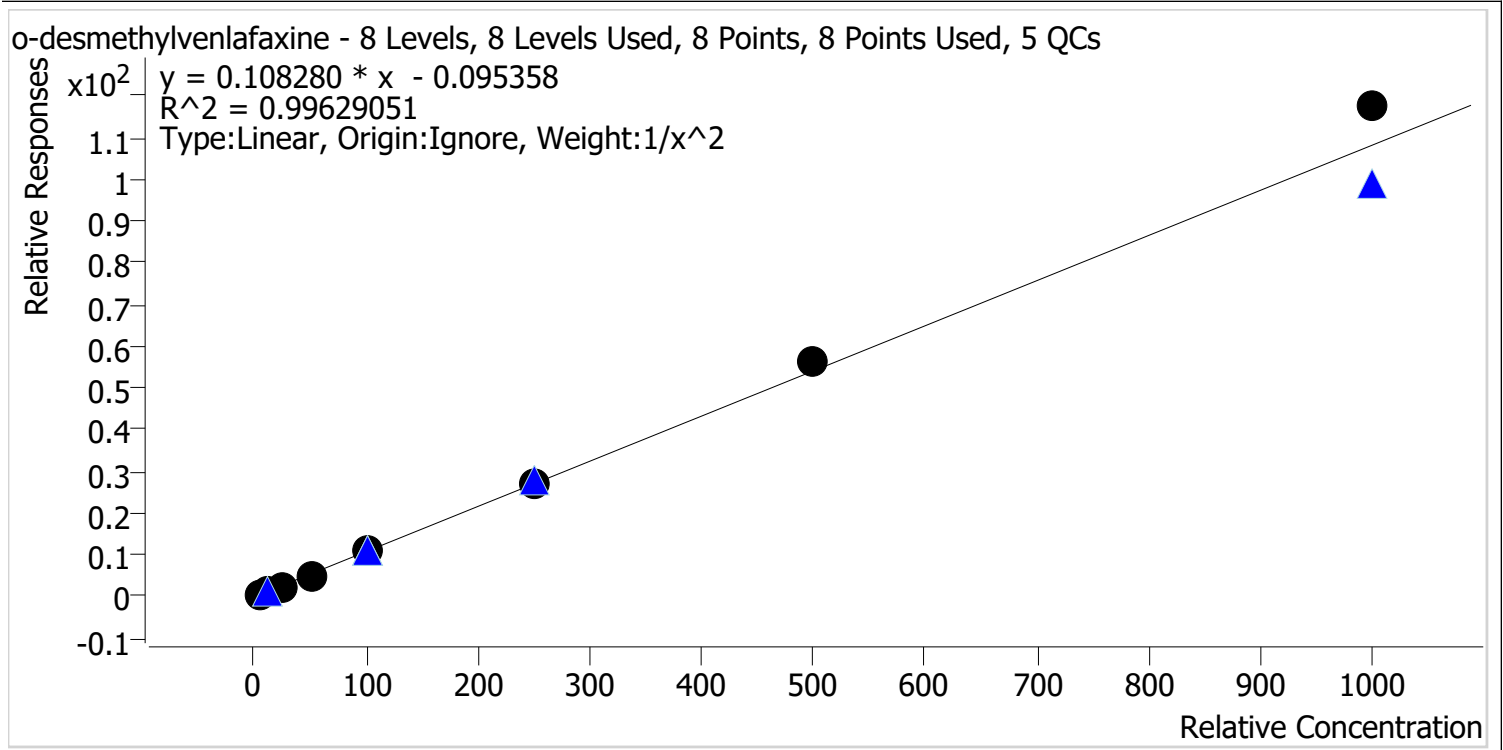


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.6
p1 Cal 4-50ng	4	✓	50.0	44.3	88.5
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	599.5	119.9
p1 Cal 8-1000ng	8	✗	1000.0	1300.5	130.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
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	104.0
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1086.2	108.6

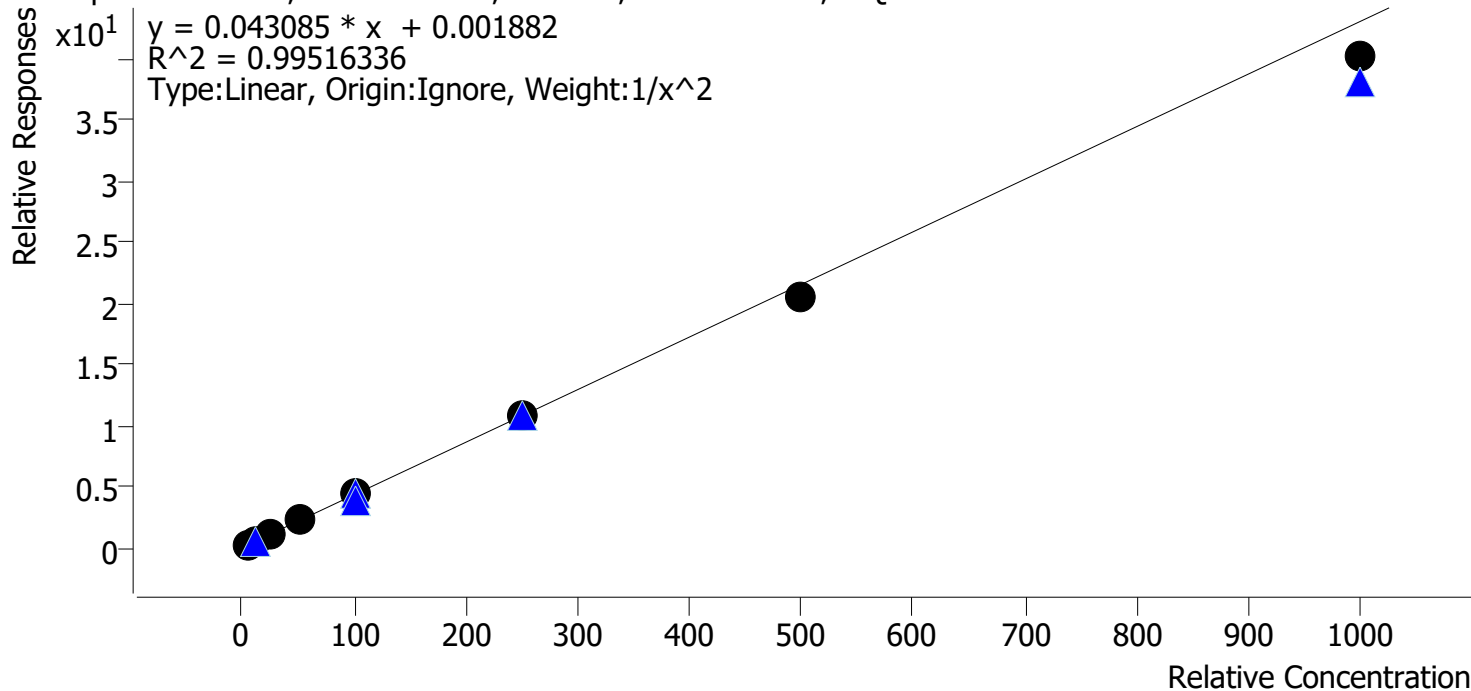
2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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

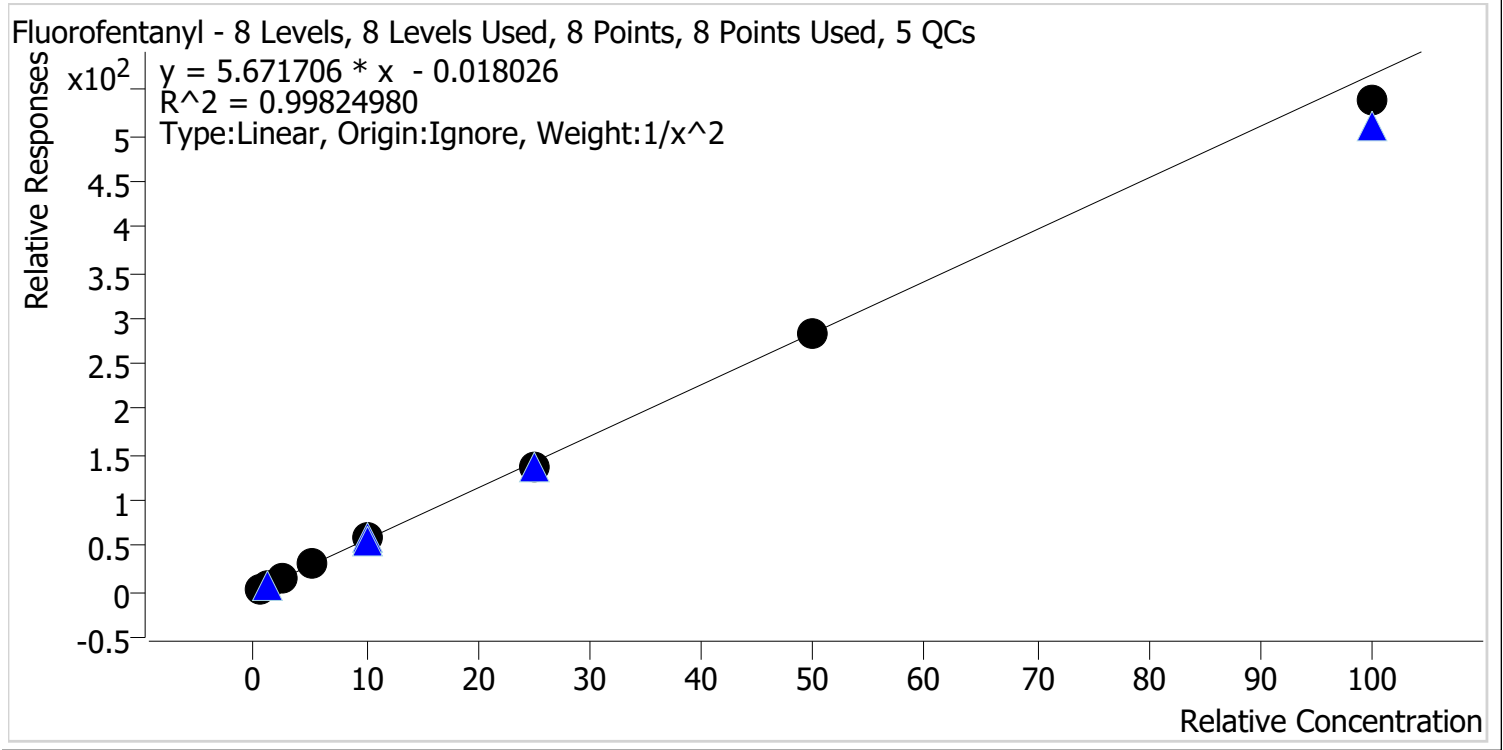


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.4	94.0
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	474.2	94.8
p1 Cal 8-1000ng	8	✓	1000.0	933.2	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

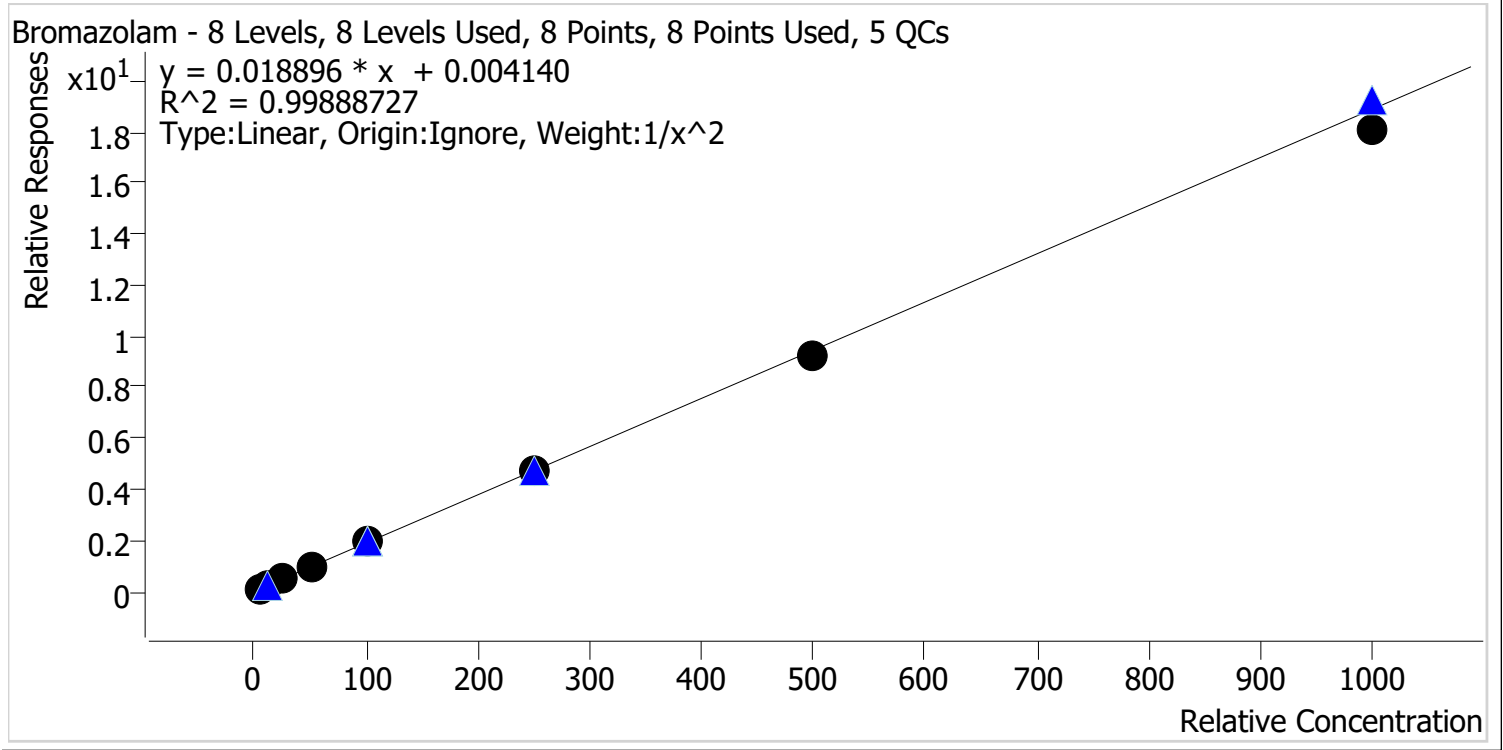


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.0
p1 Cal 4-50ng	4	✓	5.0	5.3	105.3
p1 Cal 5-100ng	5	✓	10.0	10.2	101.7
p1 Cal 6-250ng	6	✓	25.0	24.0	96.0
p1 Cal 7-500ng	7	✓	50.0	50.1	100.2
p1 Cal 8-1000ng	8	✓	100.0	95.0	95.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

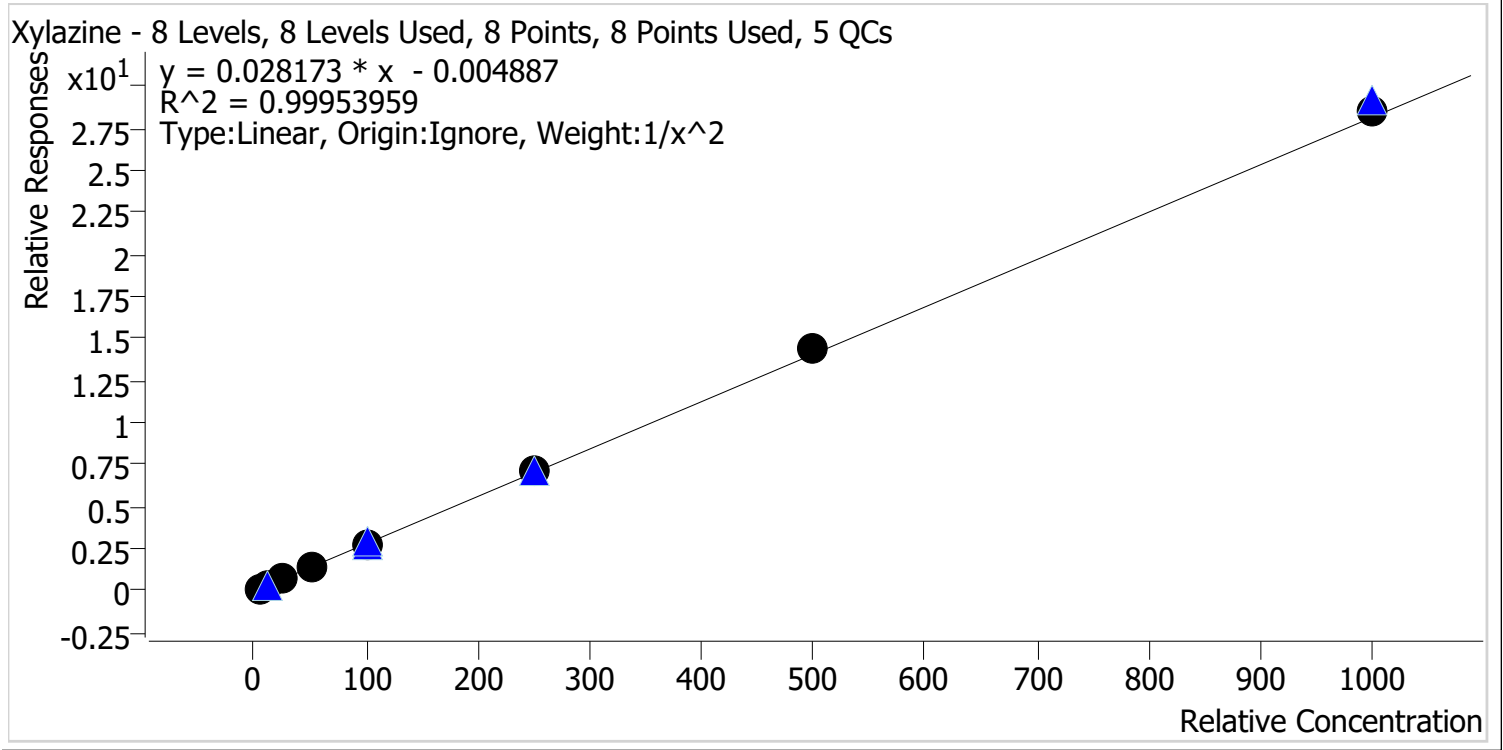


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	485.3	97.1
p1 Cal 8-1000ng	8	✓	1000.0	959.1	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Xylazine **Internal Standard** Xylanzine-D6

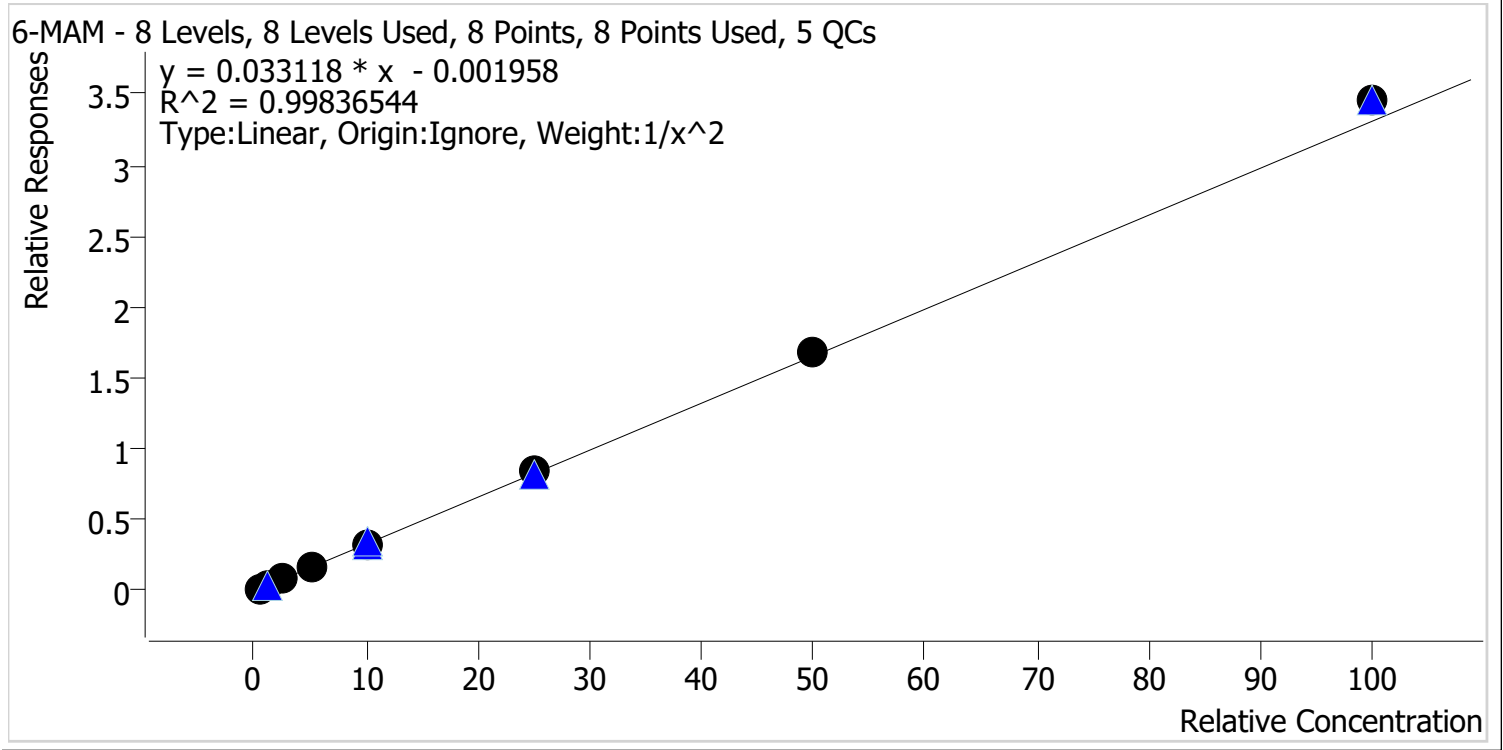


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1016.3	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

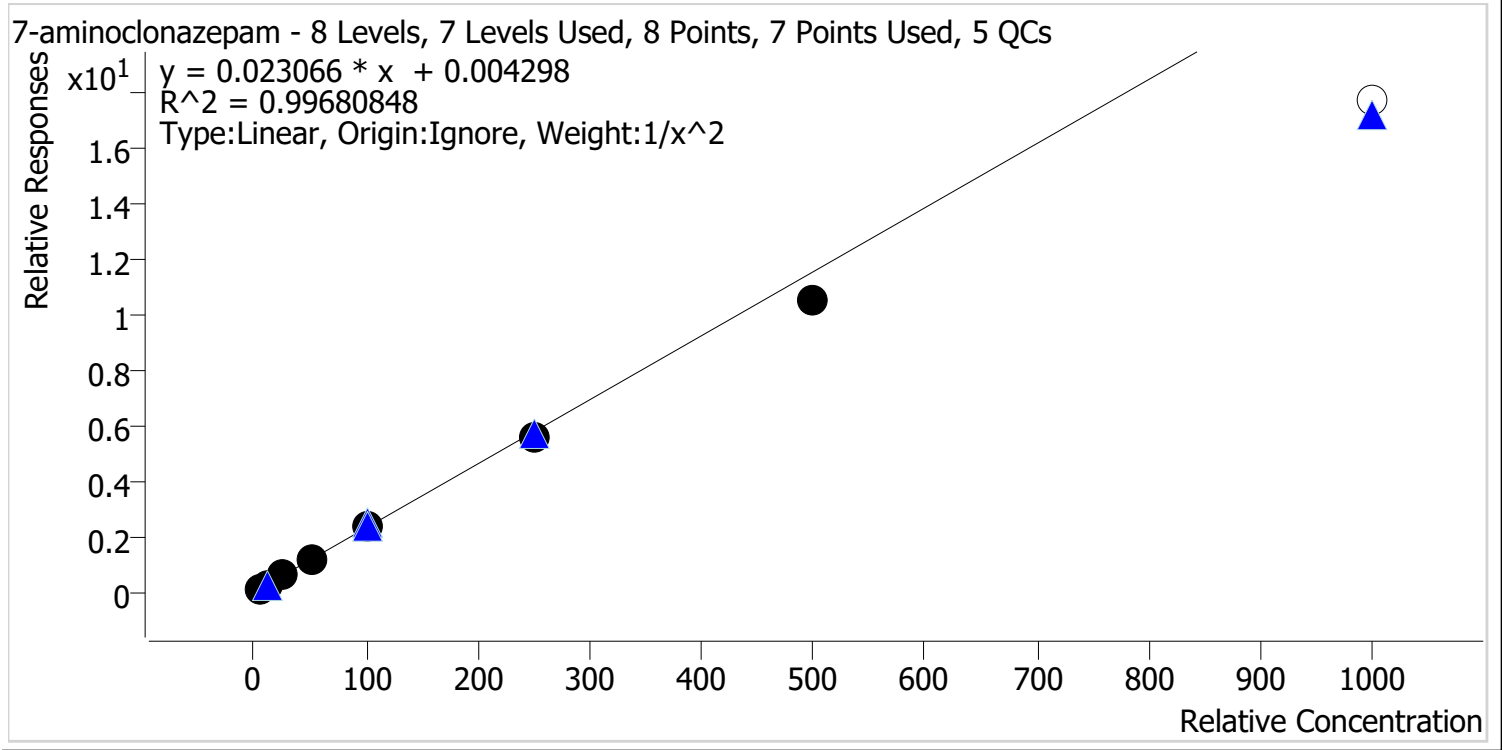


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.6
p1 Cal 4-50ng	4	✓	5.0	4.7	94.6
p1 Cal 5-100ng	5	✓	10.0	10.1	101.0
p1 Cal 6-250ng	6	✓	25.0	25.3	101.3
p1 Cal 7-500ng	7	✓	50.0	50.9	101.7
p1 Cal 8-1000ng	8	✓	100.0	104.4	104.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

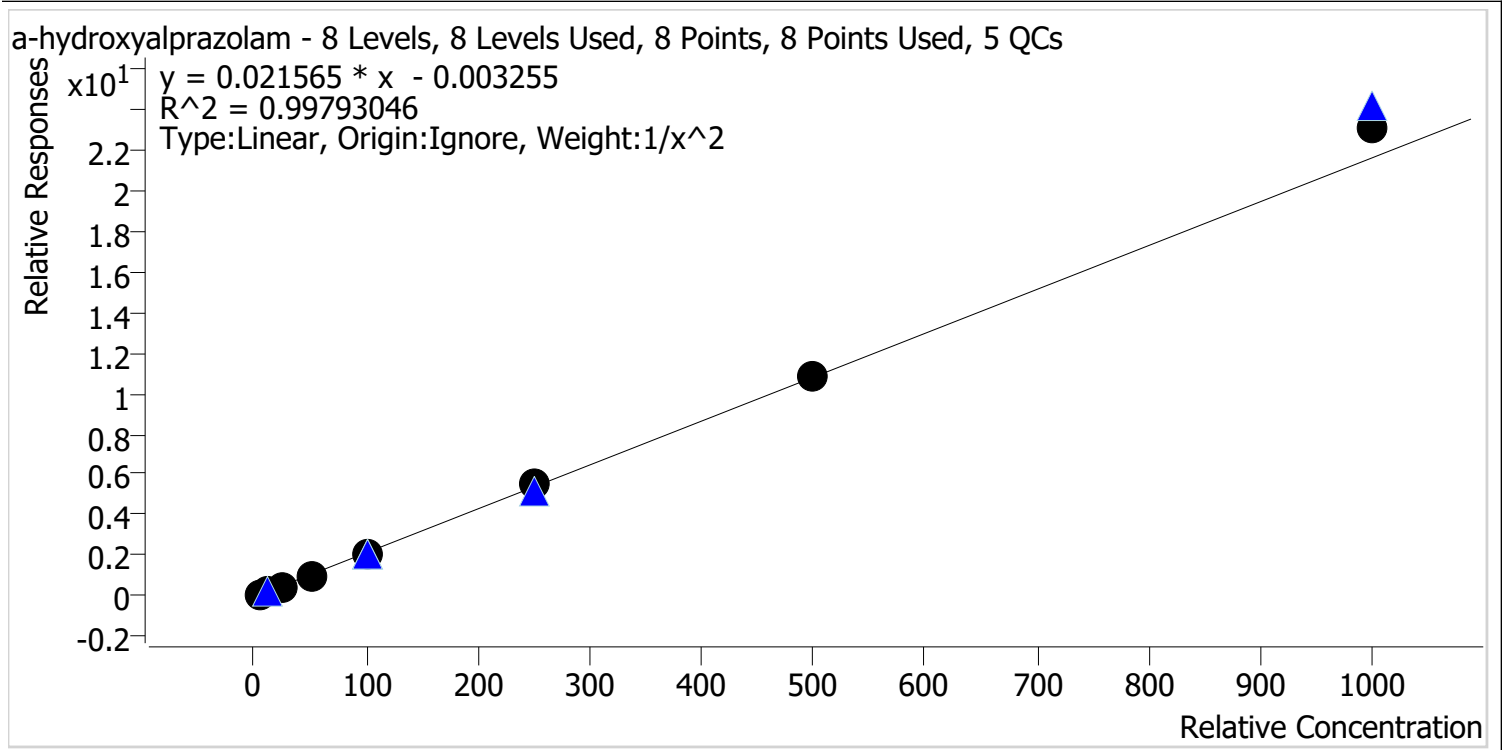


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	457.4	91.5
p1 Cal 8-1000ng	8	✗	1000.0	767.2	76.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** a-hydroxyalprazolam-D5

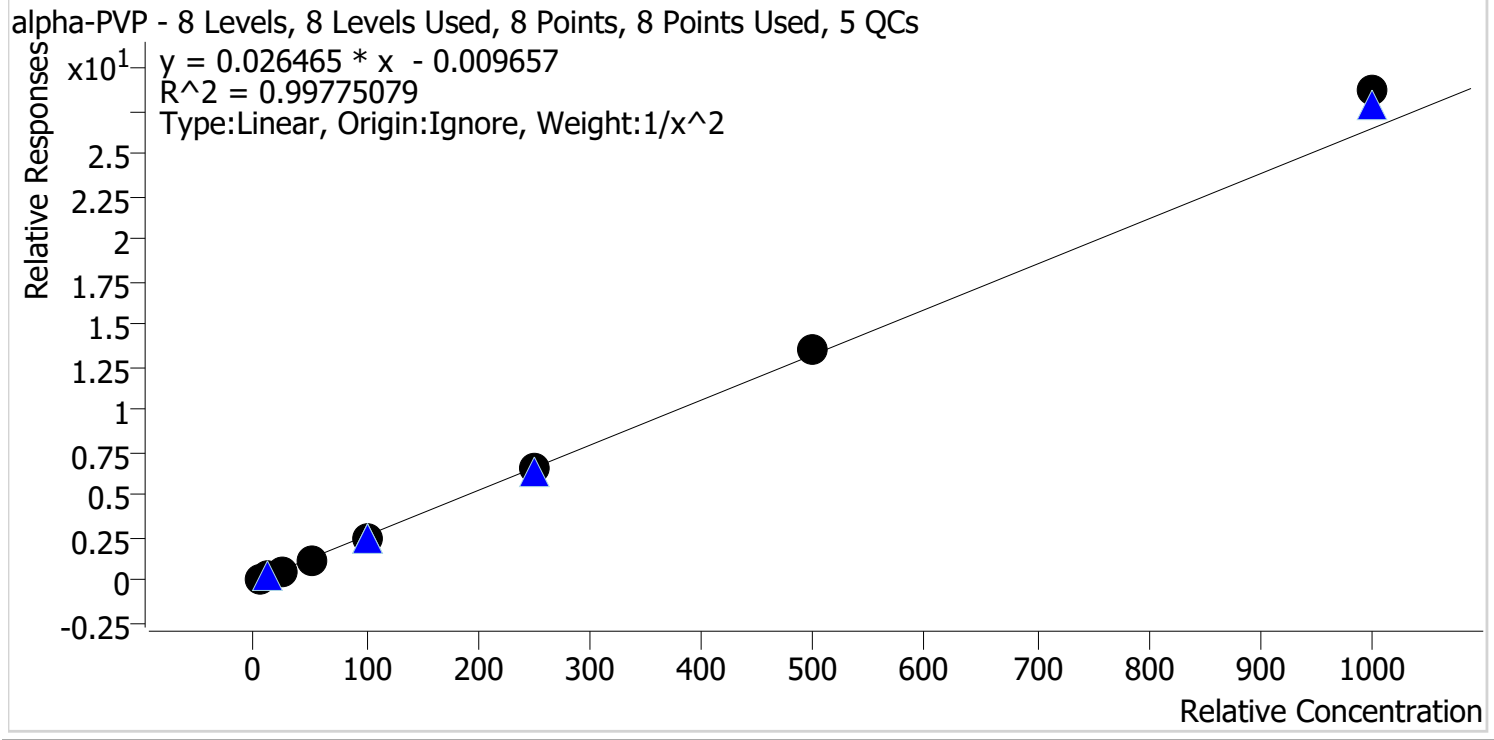


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	255.8	102.3
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1067.0	106.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8



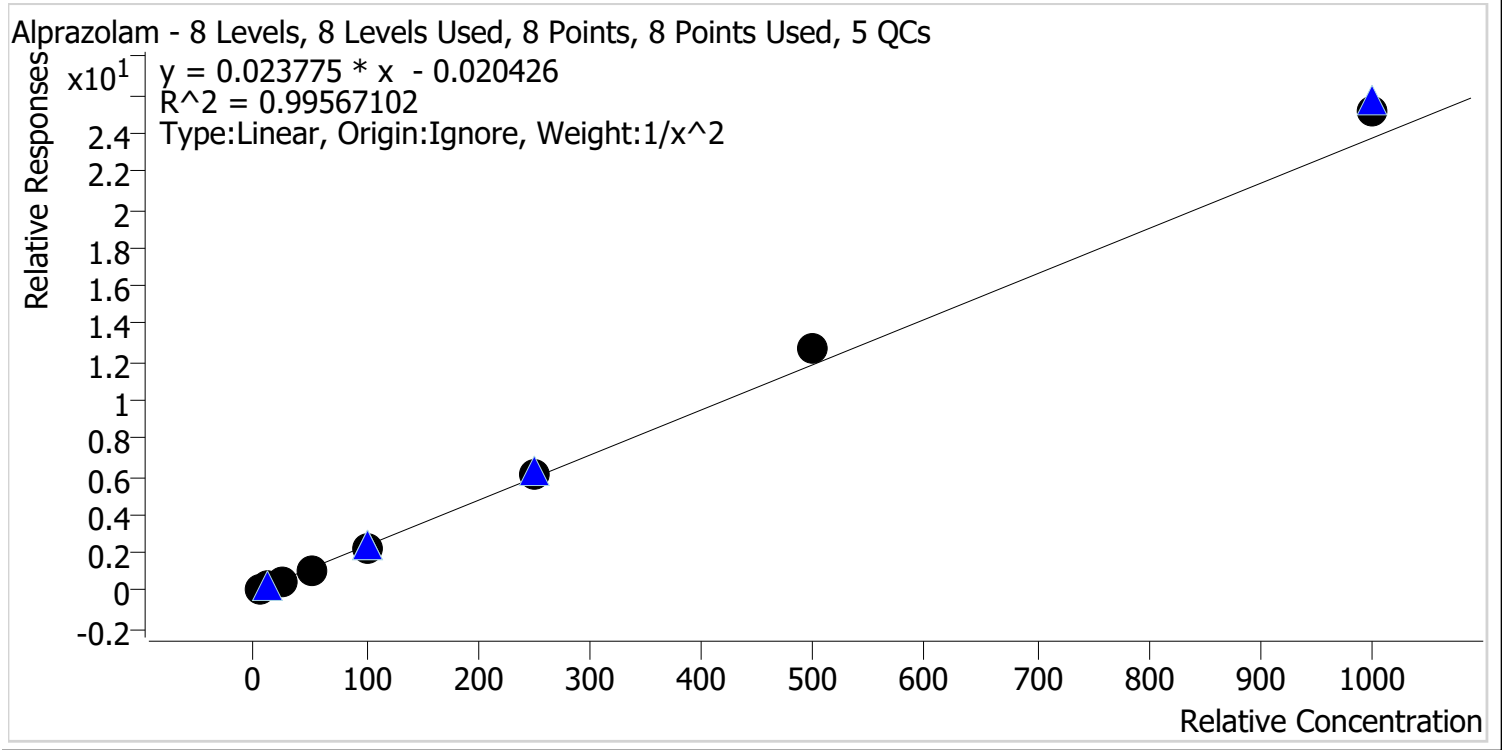
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.8	97.5
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1083.7	108.4

2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

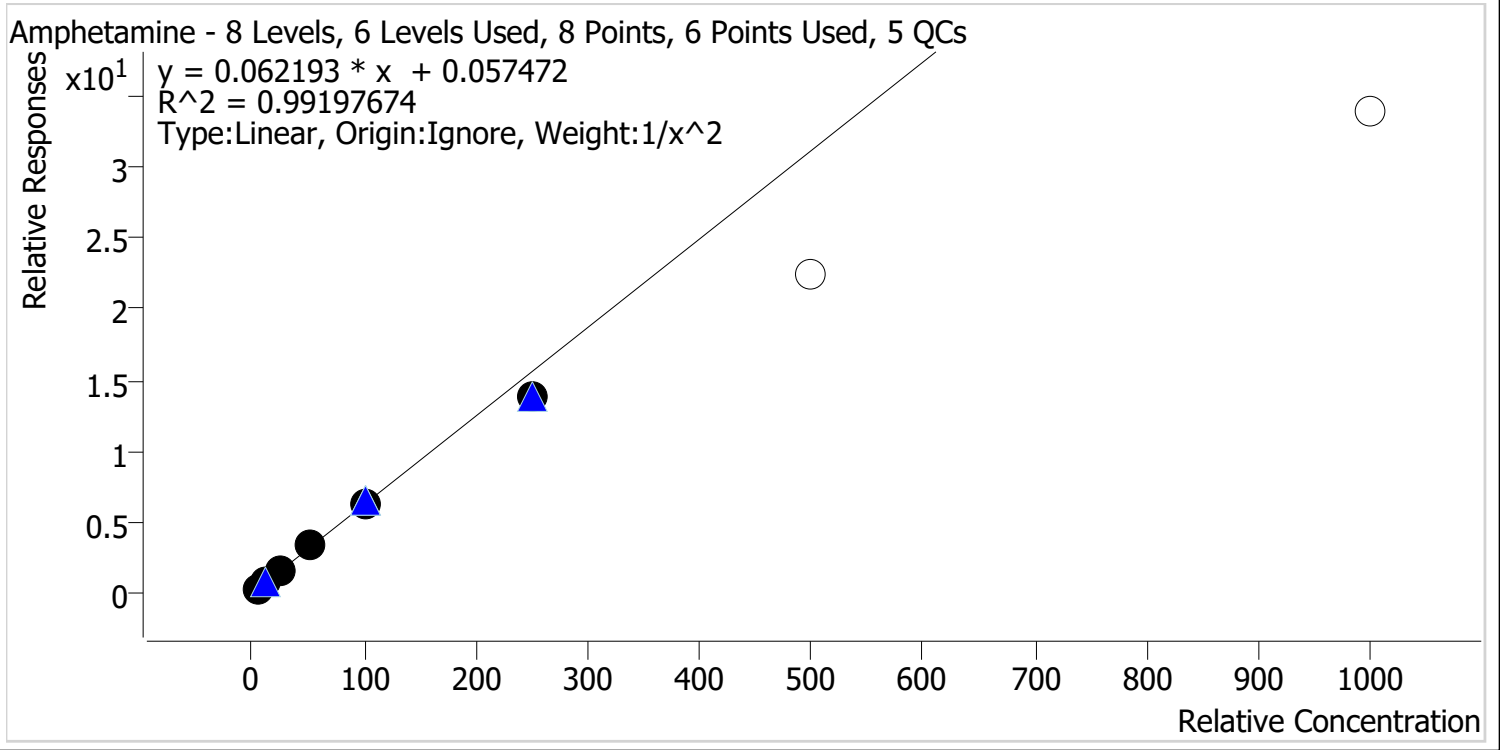


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.4
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	532.8	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1058.3	105.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

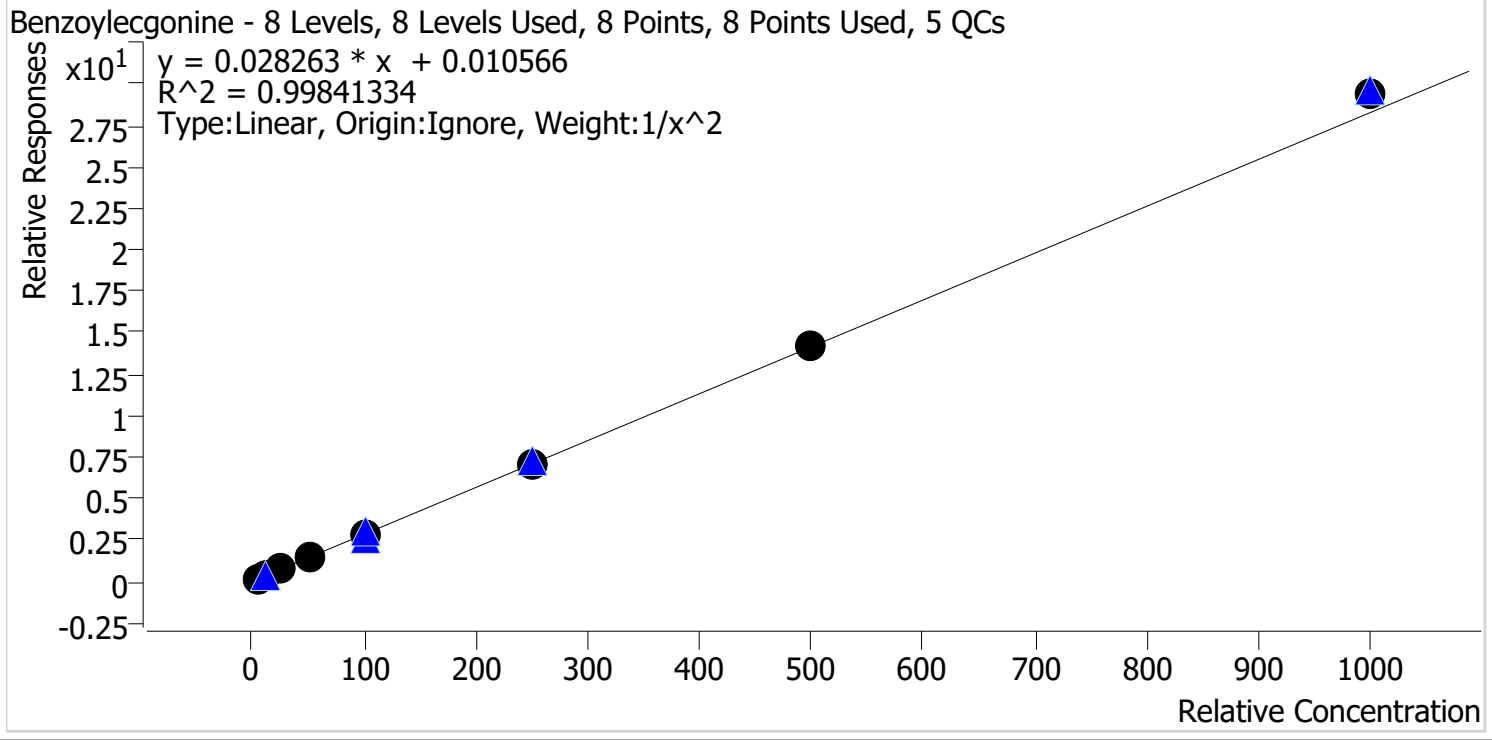


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	54.9	109.7
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	221.5	88.6
p1 Cal 7-500ng	7	✗	500.0	361.0	72.2
p1 Cal 8-1000ng	8	✗	1000.0	542.6	54.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

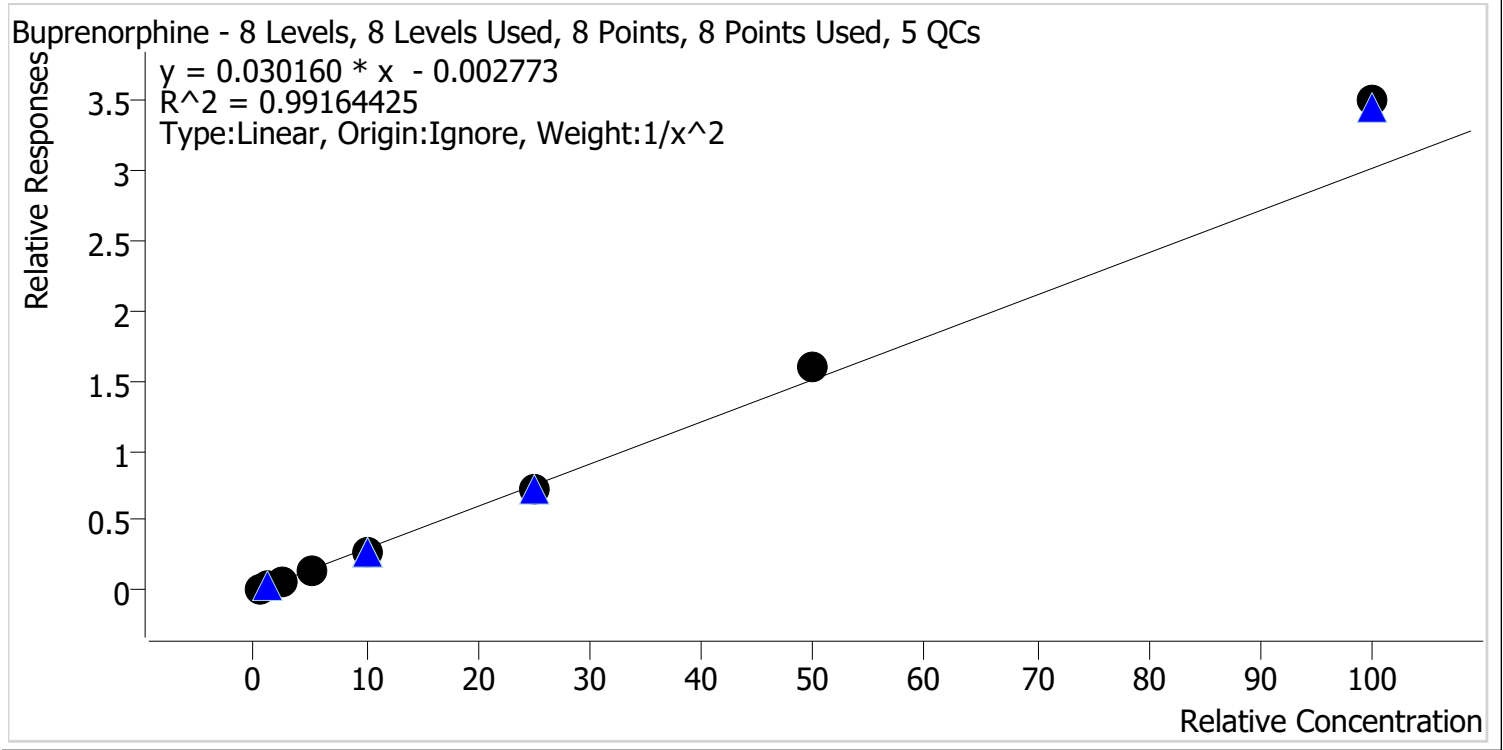


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.4	94.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1042.3	104.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

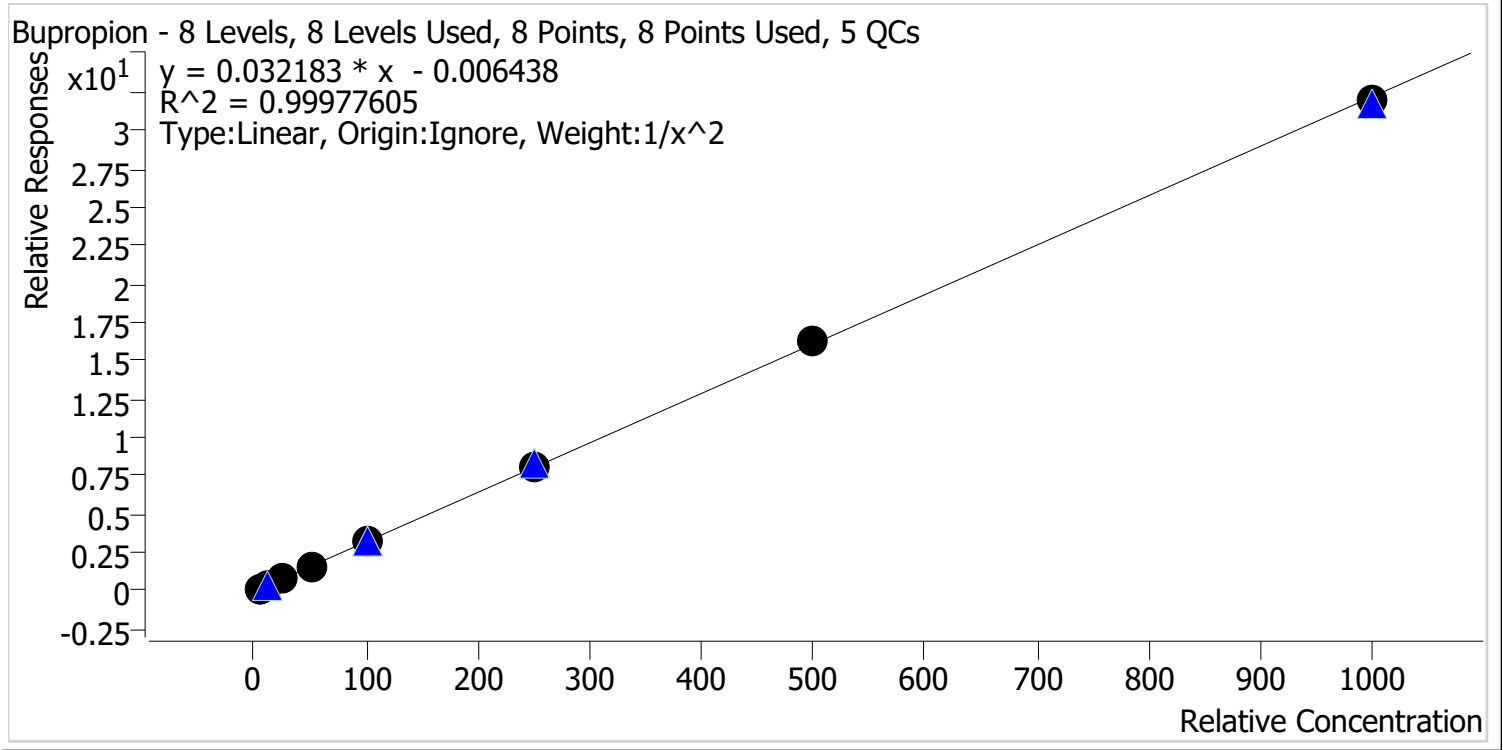


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.7
p1 Cal 4-50ng	4	✓	5.0	4.5	90.4
p1 Cal 5-100ng	5	✓	10.0	9.5	94.7
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	52.6	105.3
p1 Cal 8-1000ng	8	✓	100.0	116.0	116.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

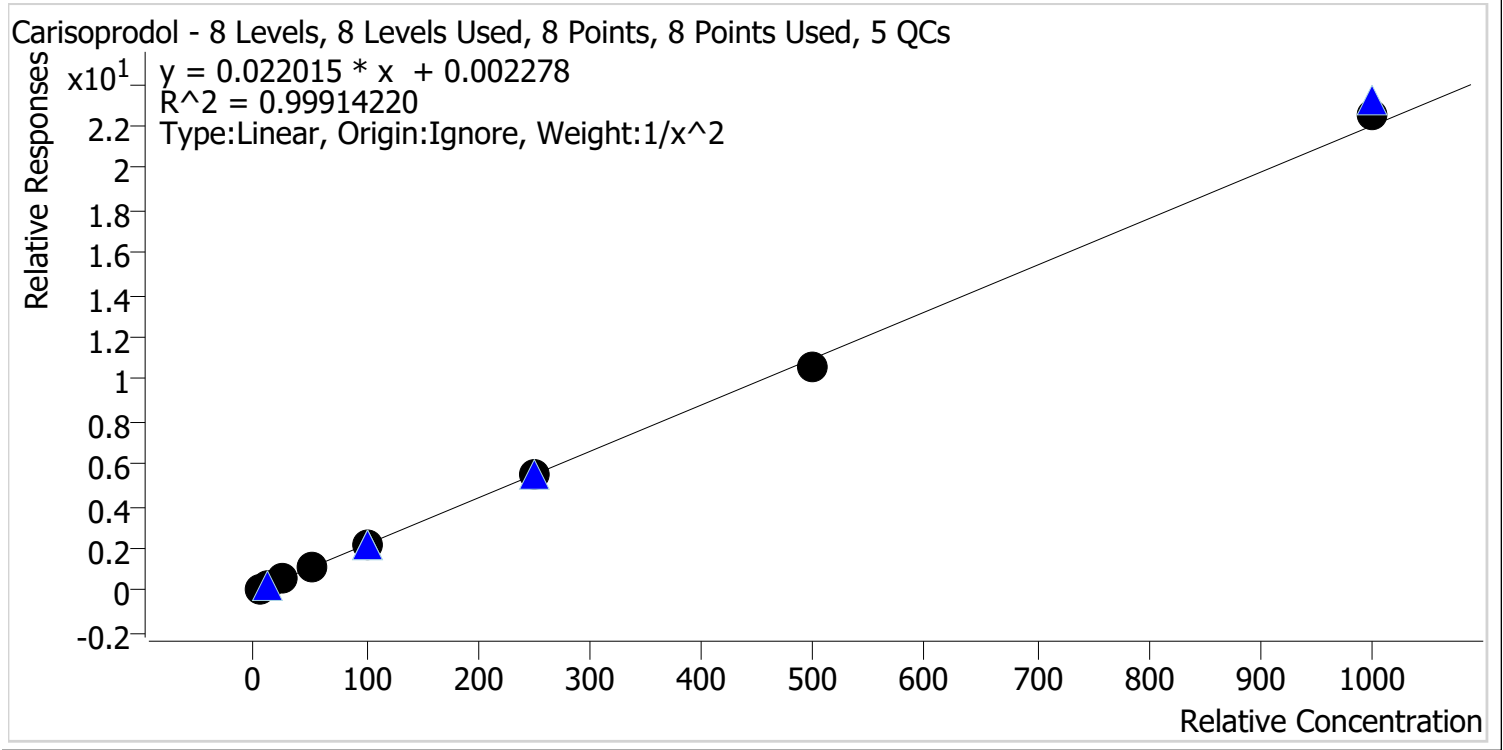


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	992.3	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

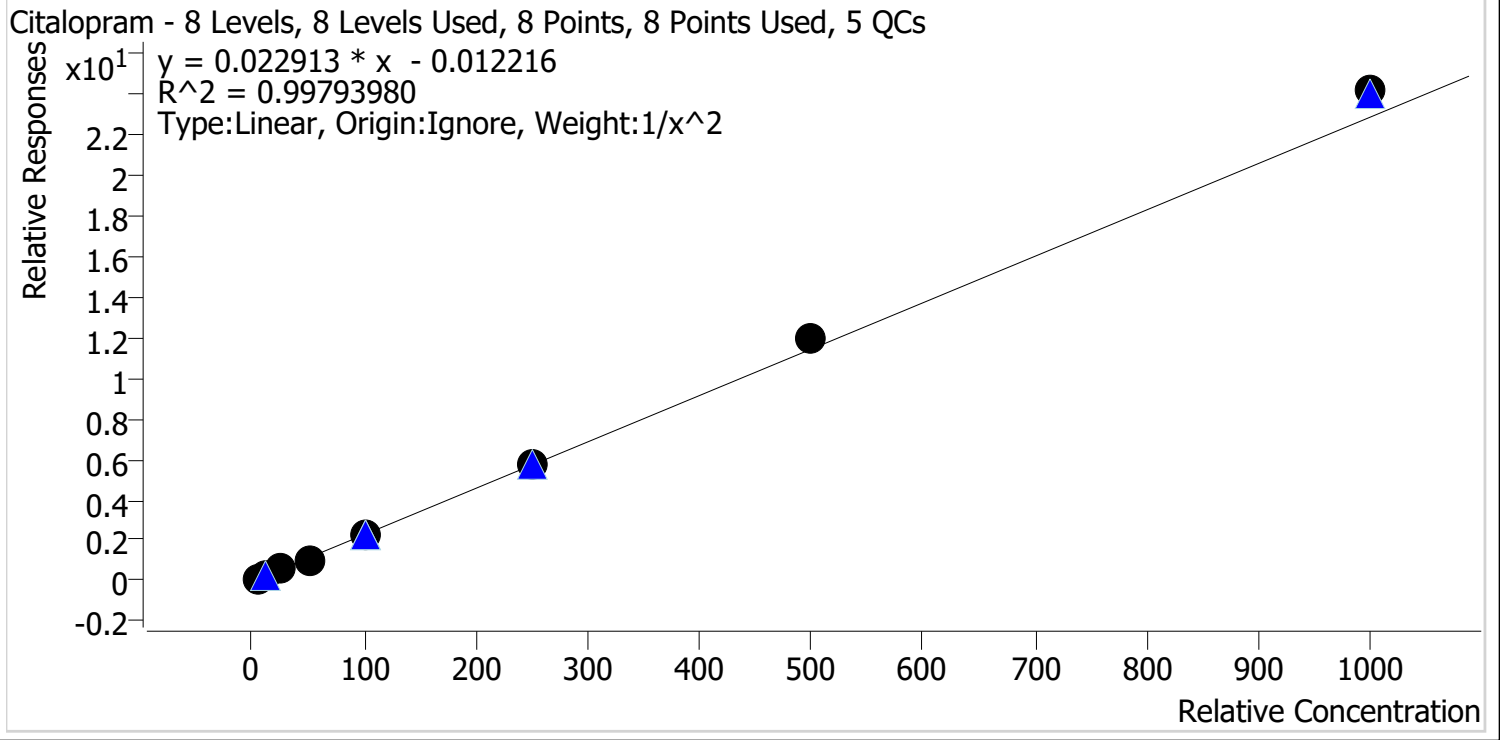


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	478.6	95.7
p1 Cal 8-1000ng	8	✓	1000.0	1020.4	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

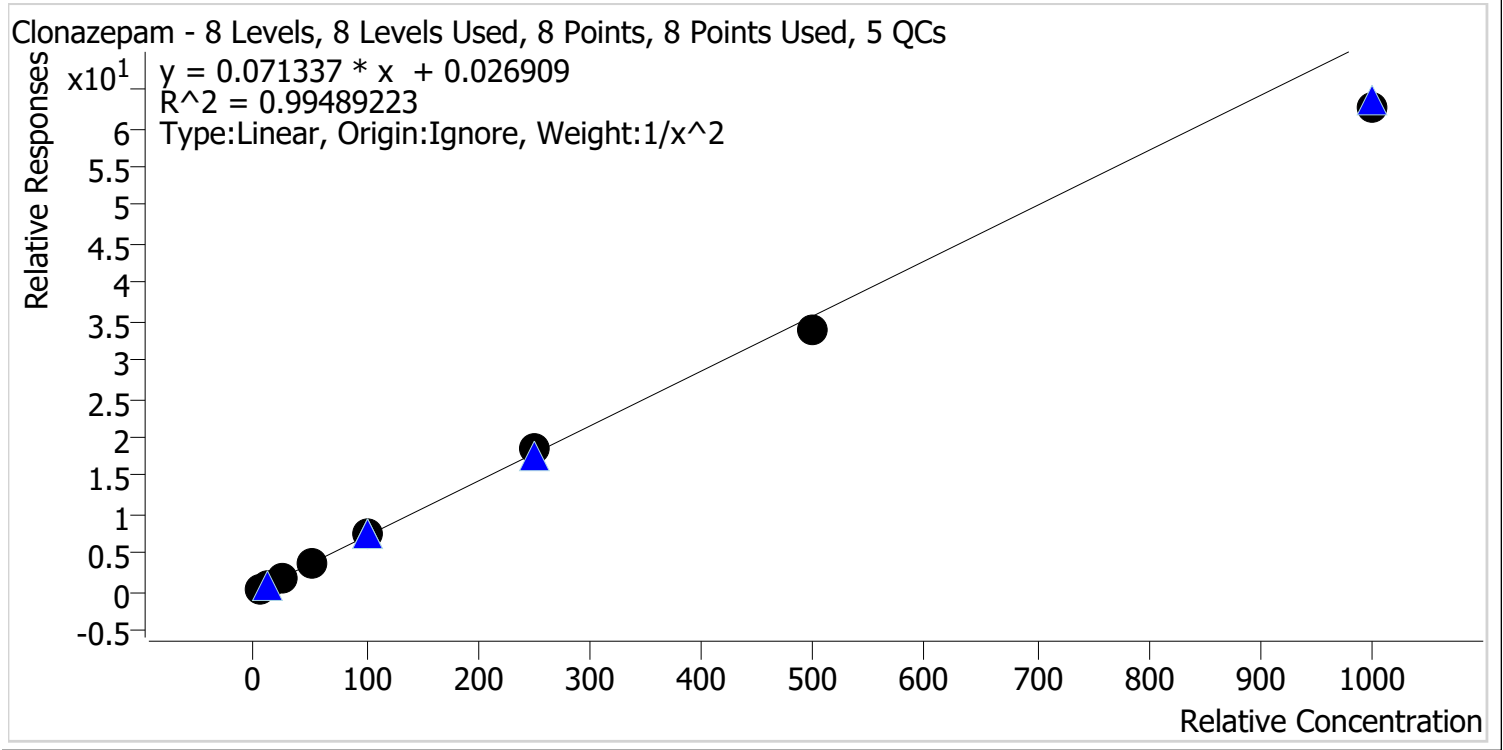


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	521.7	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1057.2	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

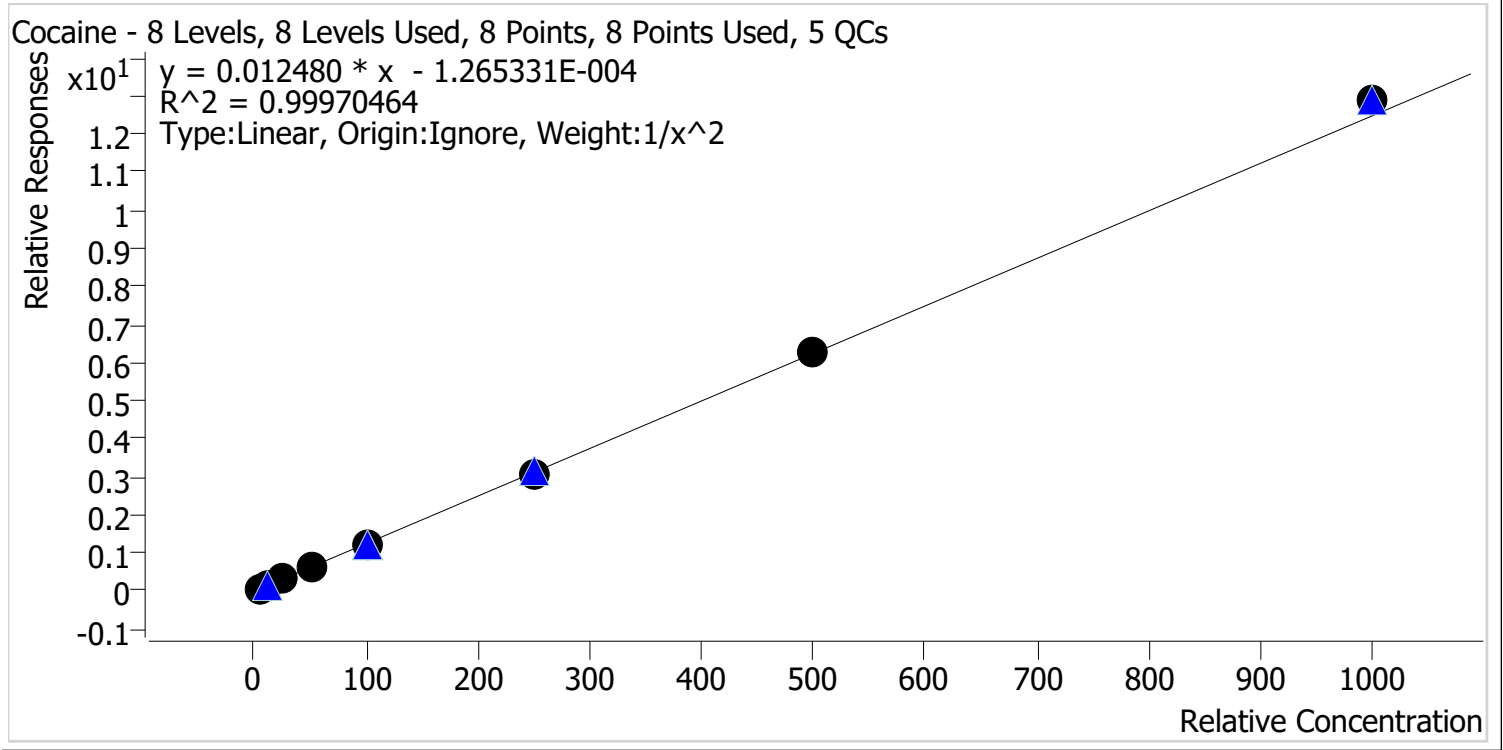


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	474.9	95.0
p1 Cal 8-1000ng	8	✓	1000.0	878.4	87.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

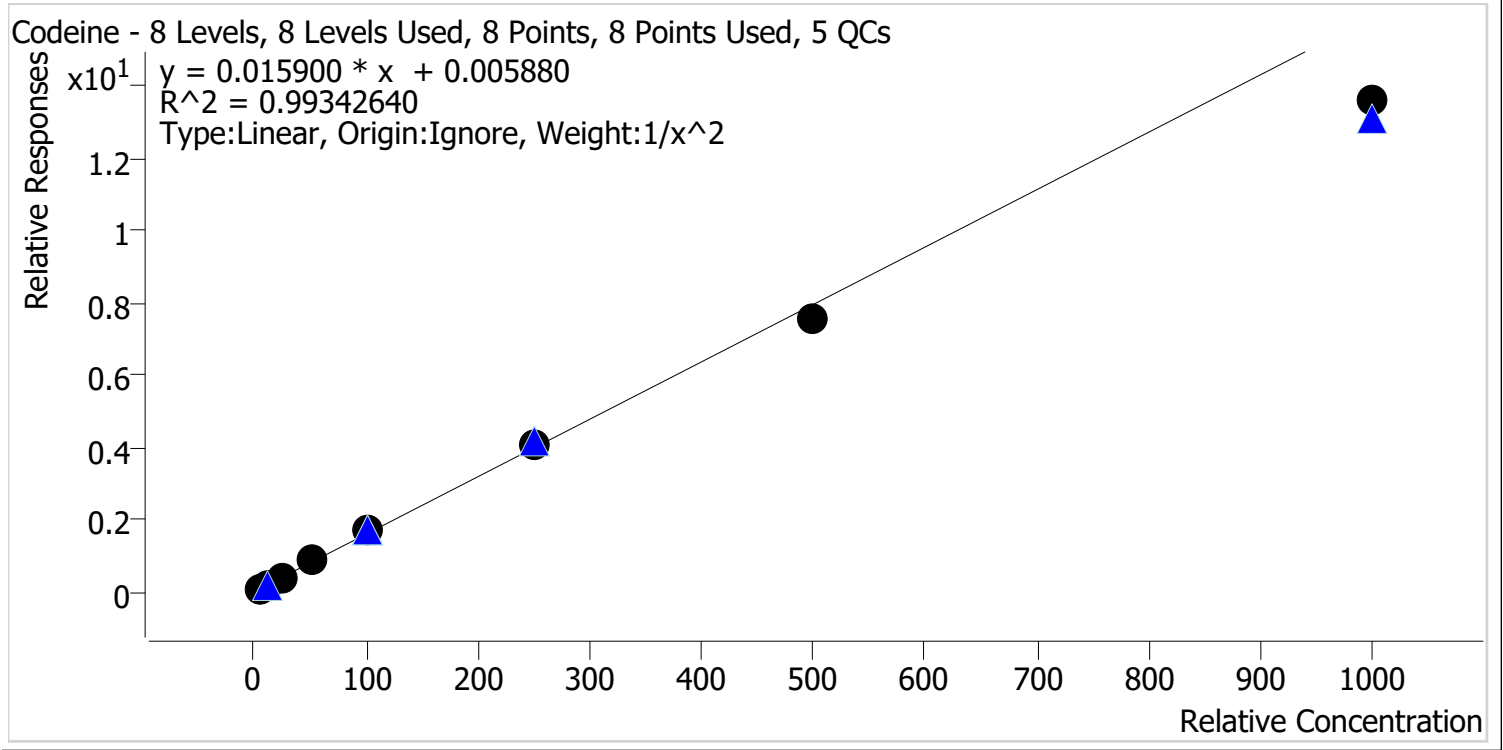


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1032.1	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

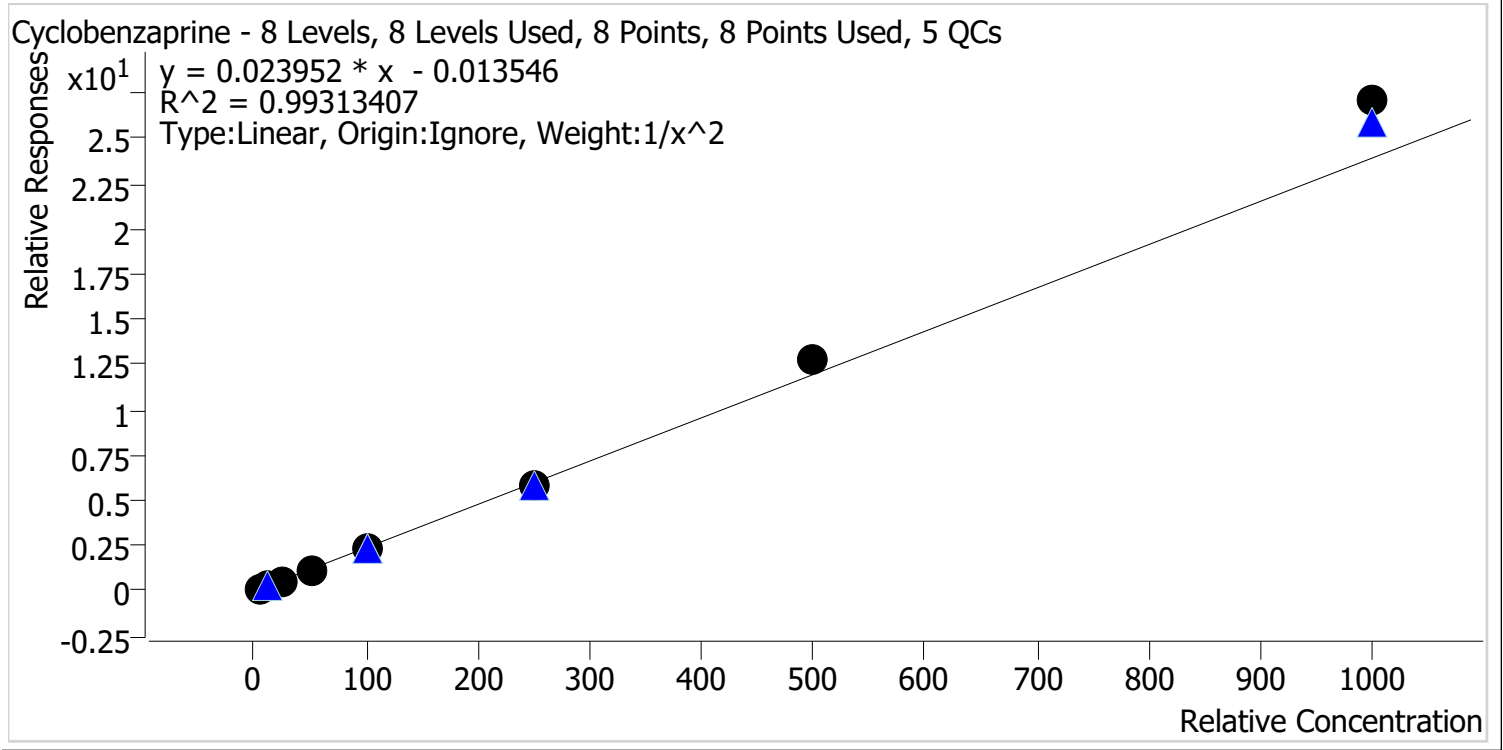


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	477.7	95.5
p1 Cal 8-1000ng	8	✓	1000.0	855.1	85.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

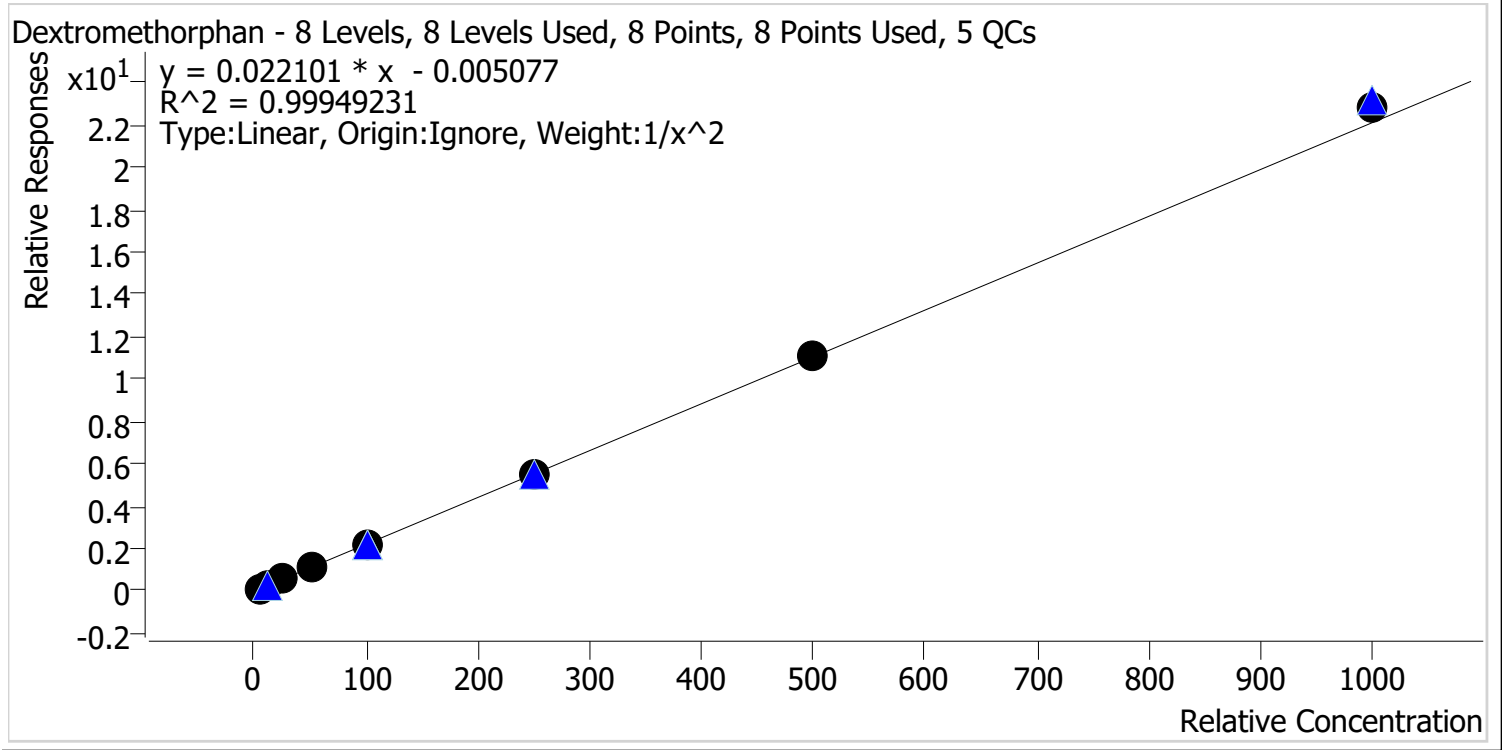


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	46.2	92.3
p1 Cal 5-100ng	5	✓	100.0	94.6	94.6
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	531.0	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1132.8	113.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

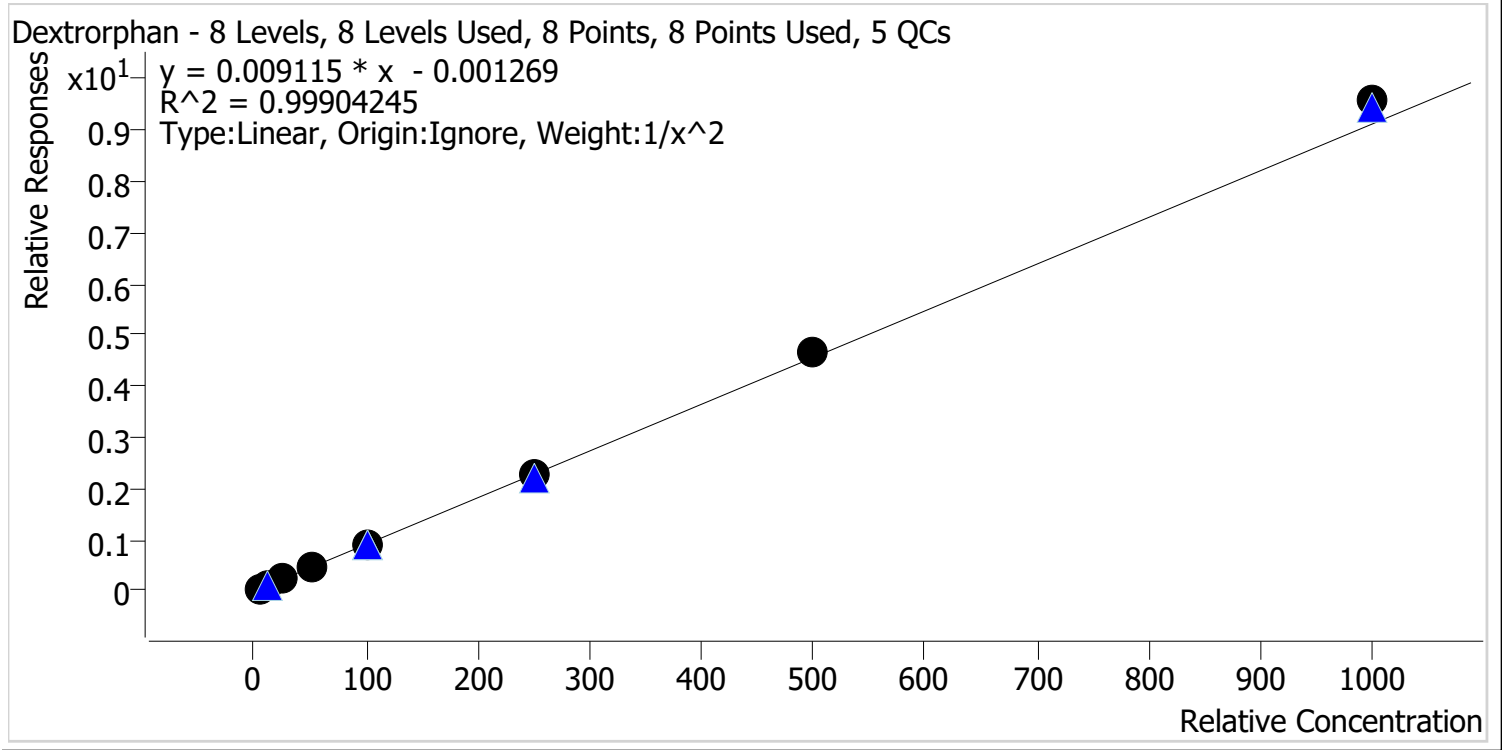


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1029.5	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

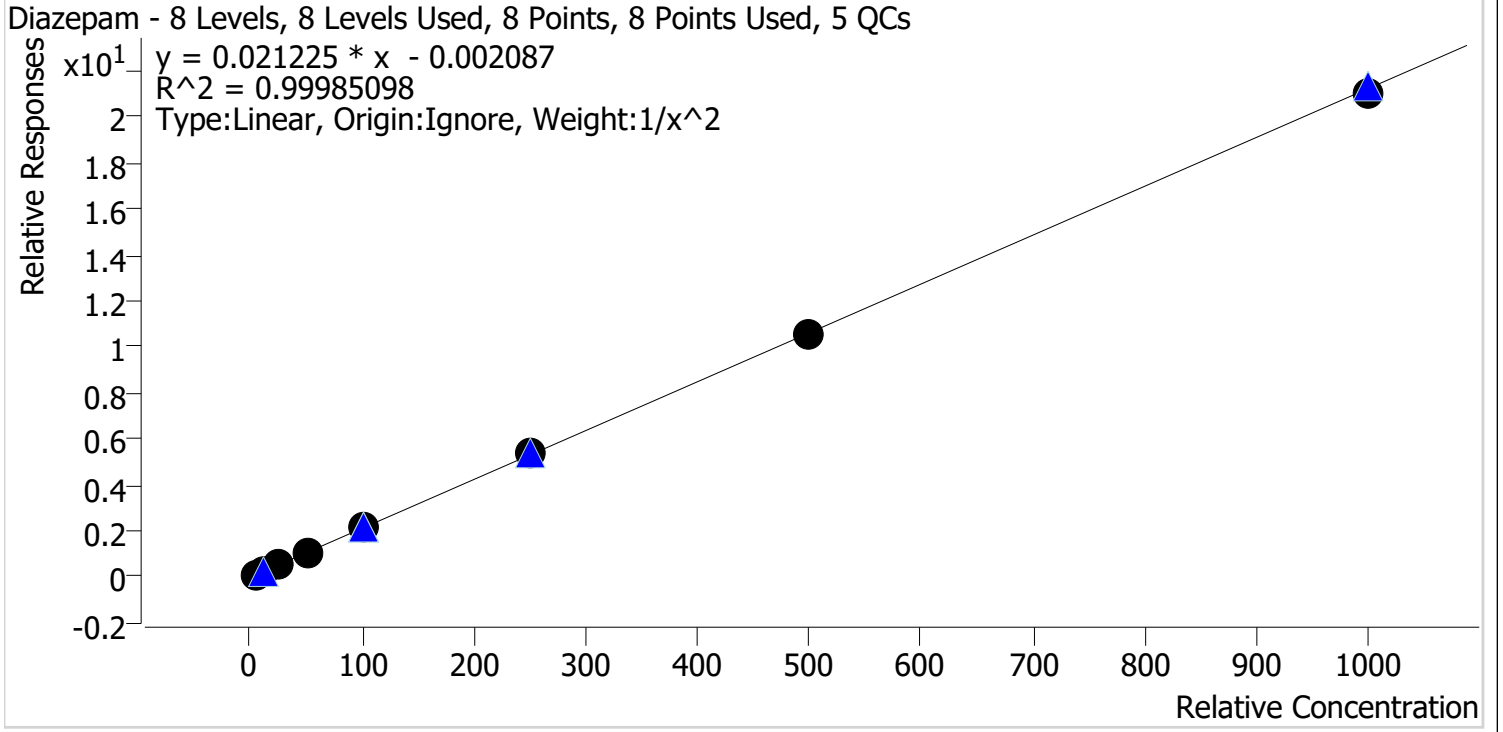


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1050.2	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	989.3	98.9

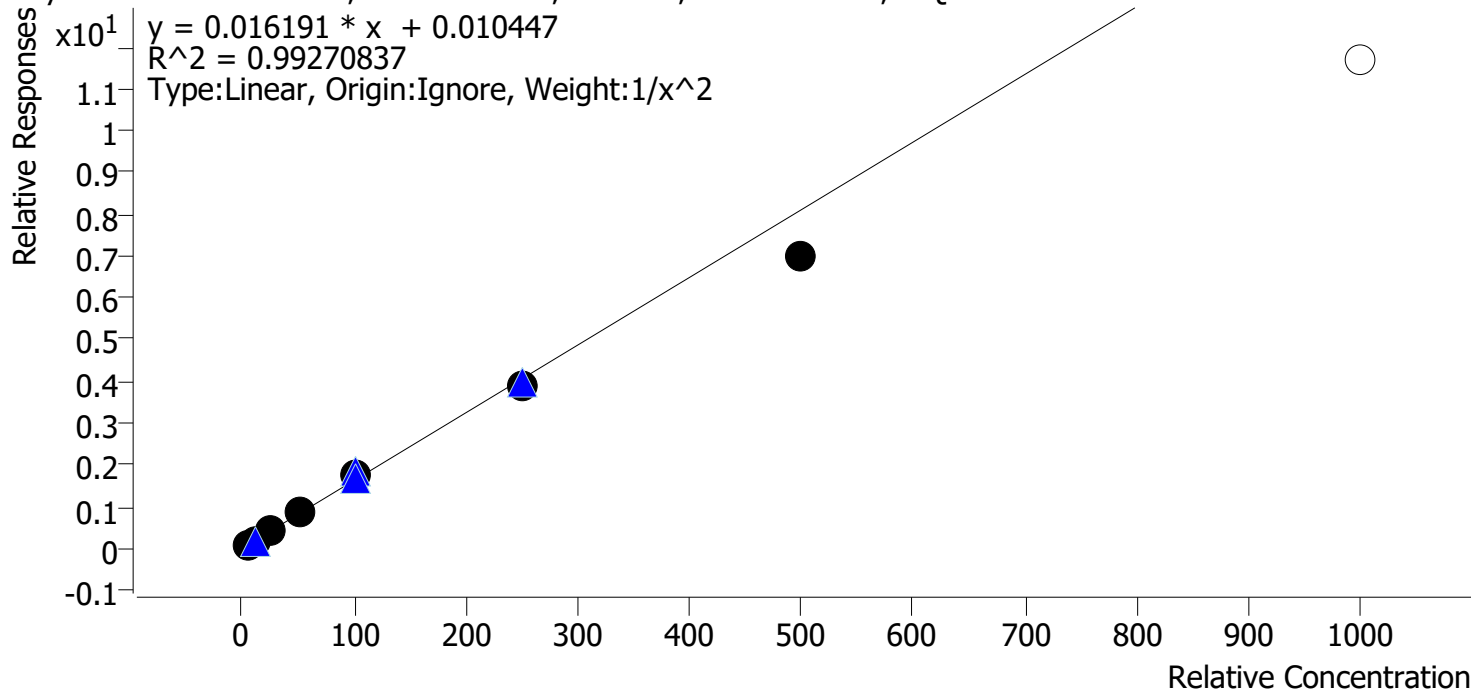
2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs



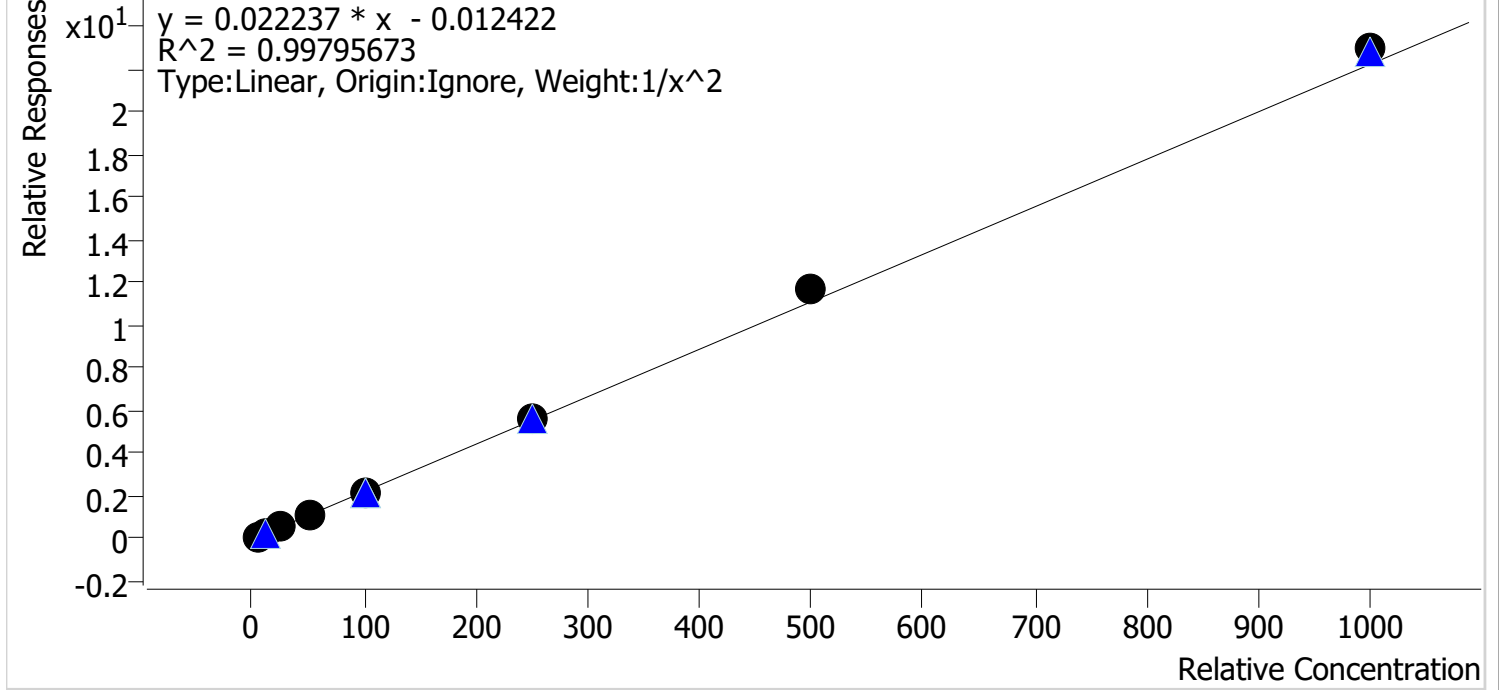
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	53.1	106.3
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	240.6	96.2
p1 Cal 7-500ng	7	✓	500.0	433.0	86.6
p1 Cal 8-1000ng	8	✗	1000.0	723.7	72.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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

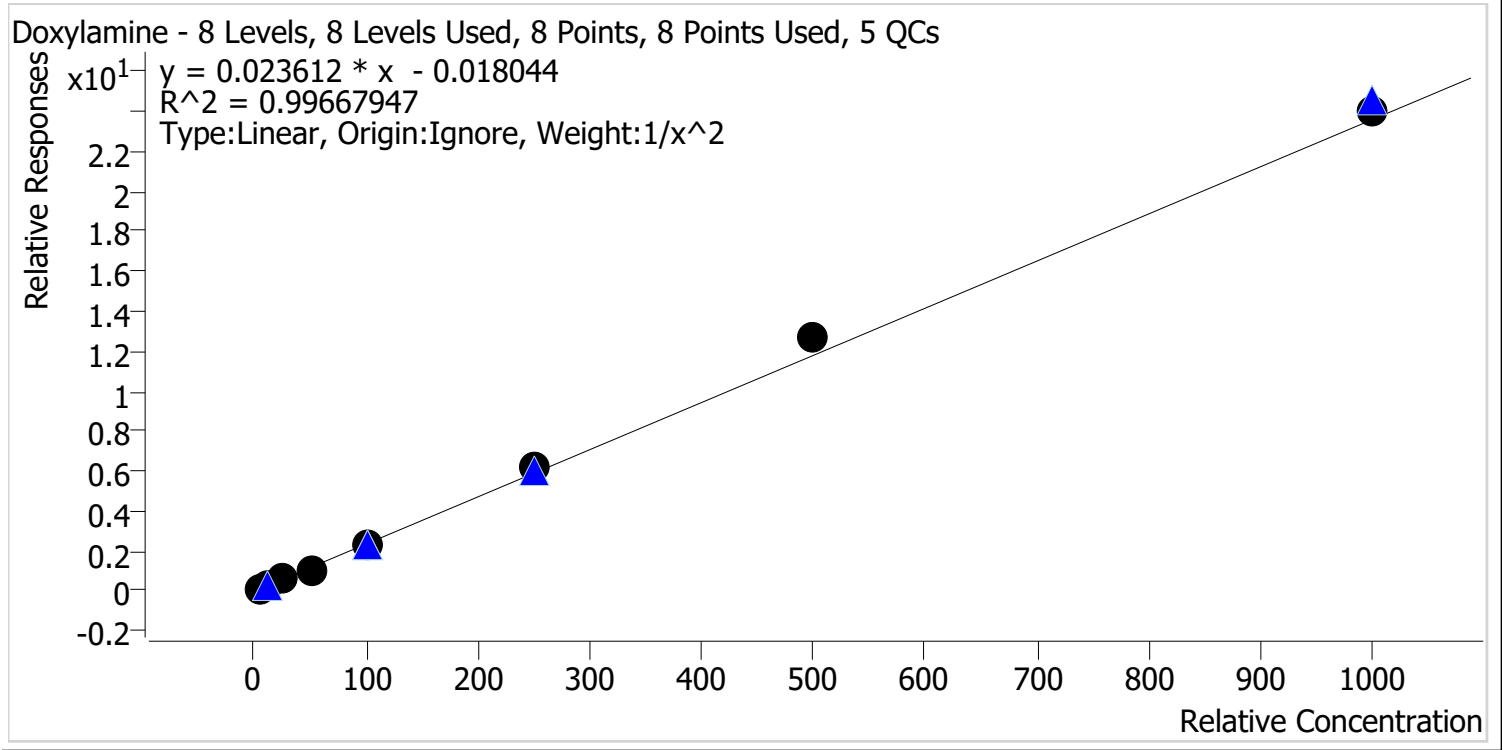


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	528.5	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1033.3	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

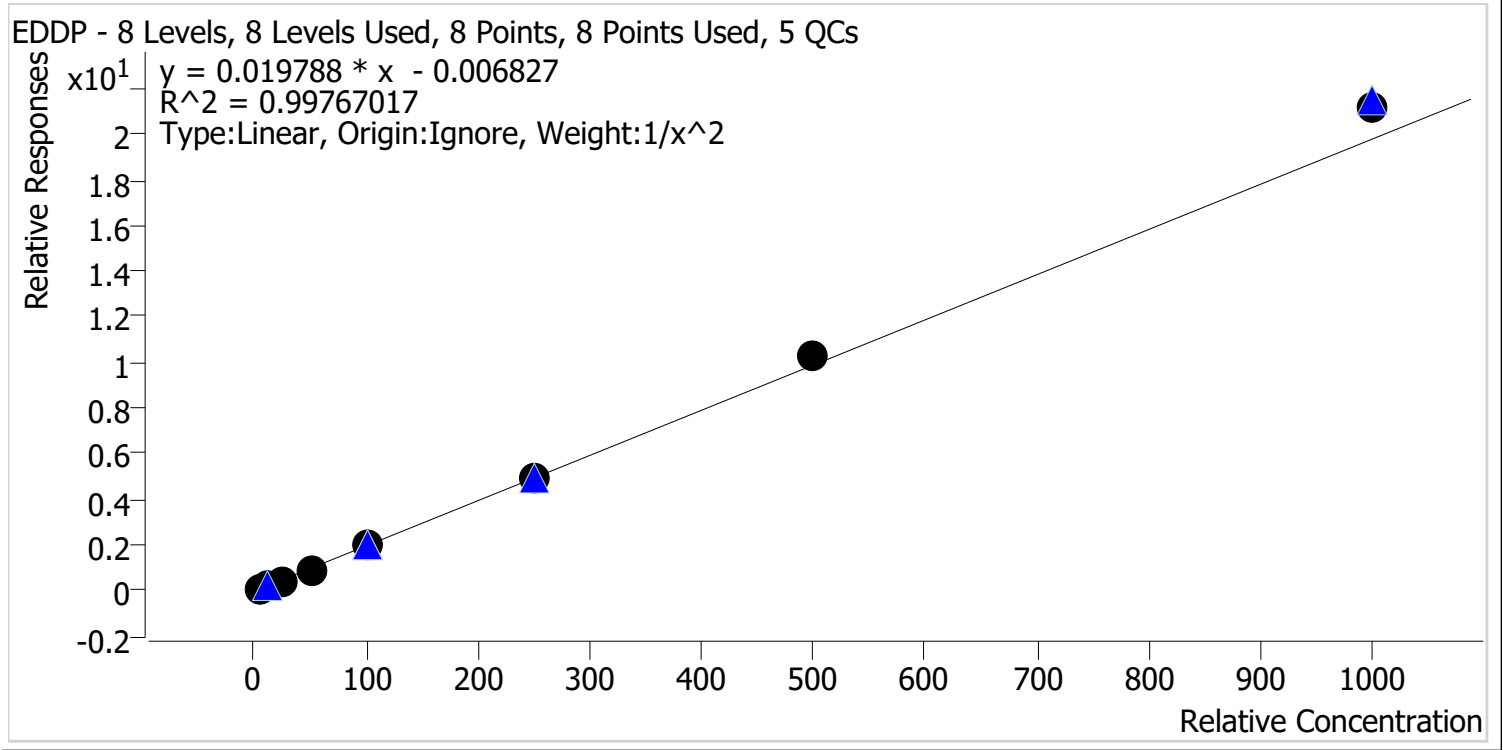


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	262.0	104.8
p1 Cal 7-500ng	7	✓	500.0	538.9	107.8
p1 Cal 8-1000ng	8	✓	1000.0	1016.4	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

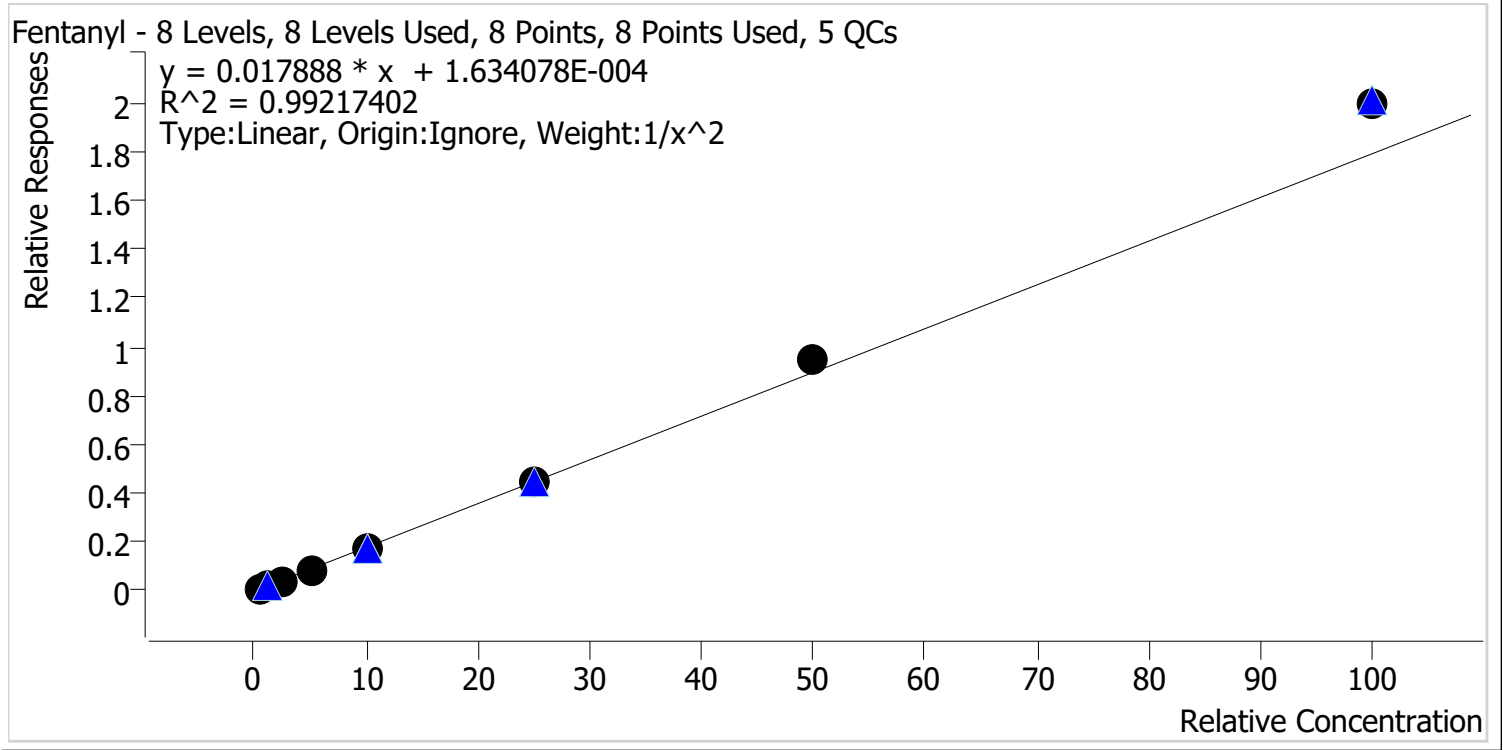


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1067.6	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

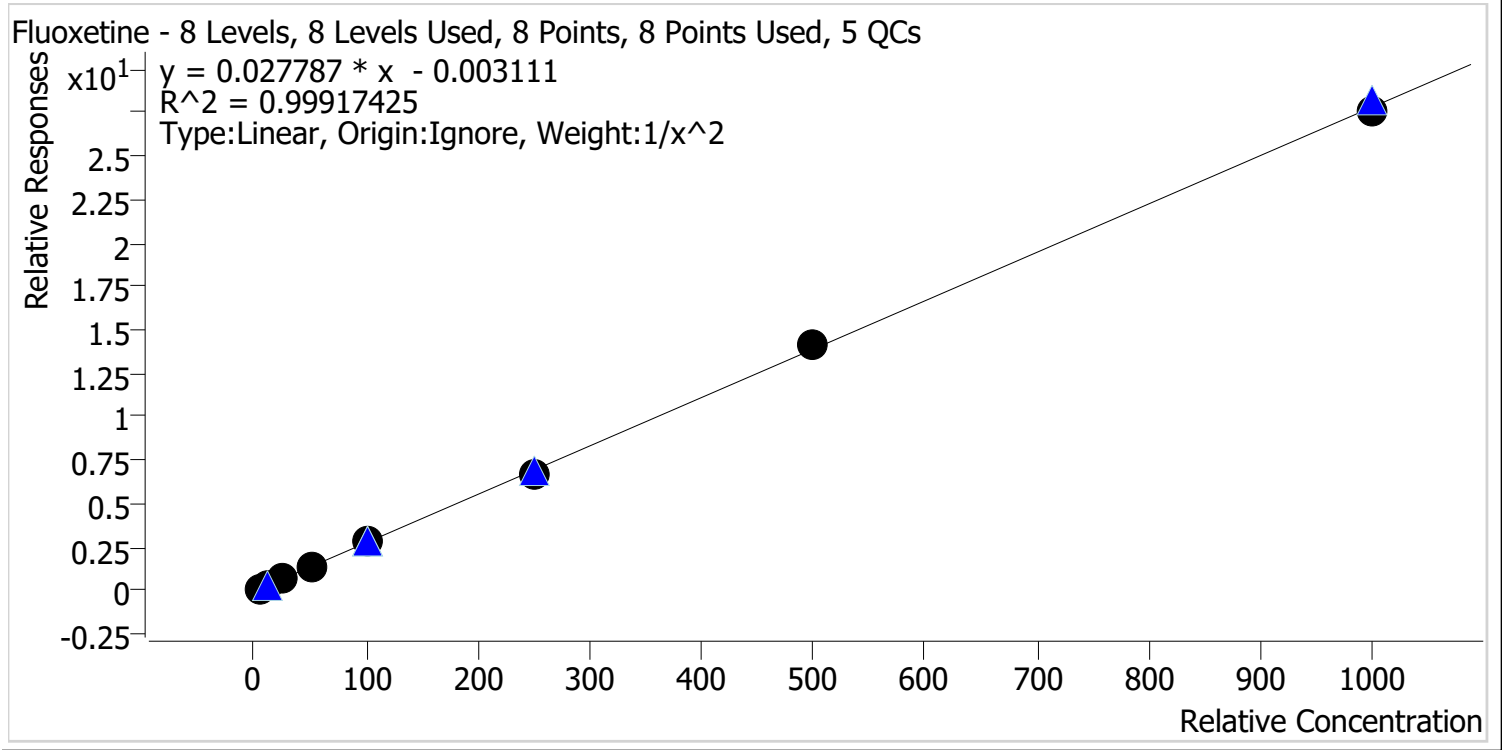


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	106.9
p1 Cal 2-10ng	2	✓	1.0	0.9	88.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.9
p1 Cal 4-50ng	4	✓	5.0	4.7	93.4
p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
p1 Cal 6-250ng	6	✓	25.0	24.9	99.5
p1 Cal 7-500ng	7	✓	50.0	53.2	106.4
p1 Cal 8-1000ng	8	✓	100.0	111.7	111.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

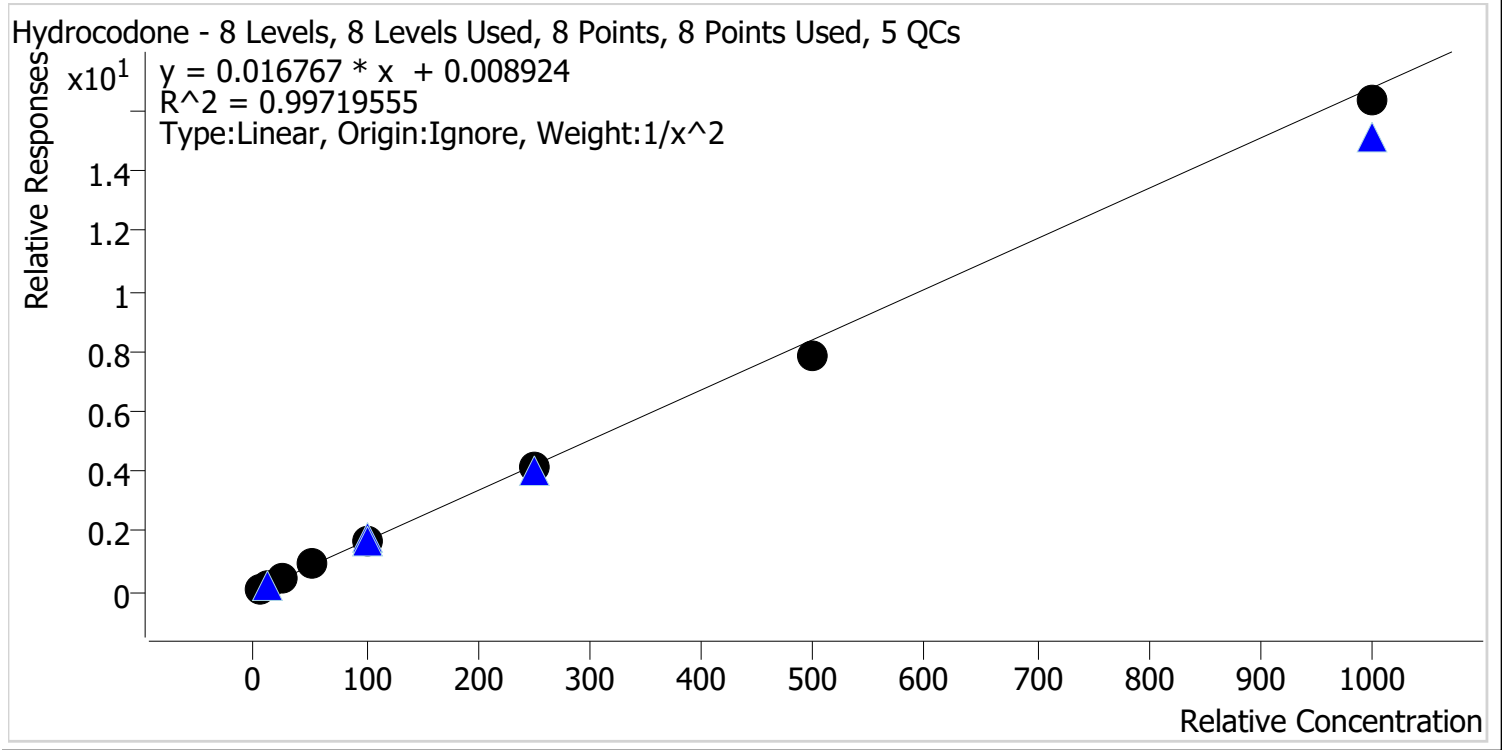


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	238.6	95.4
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	991.9	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

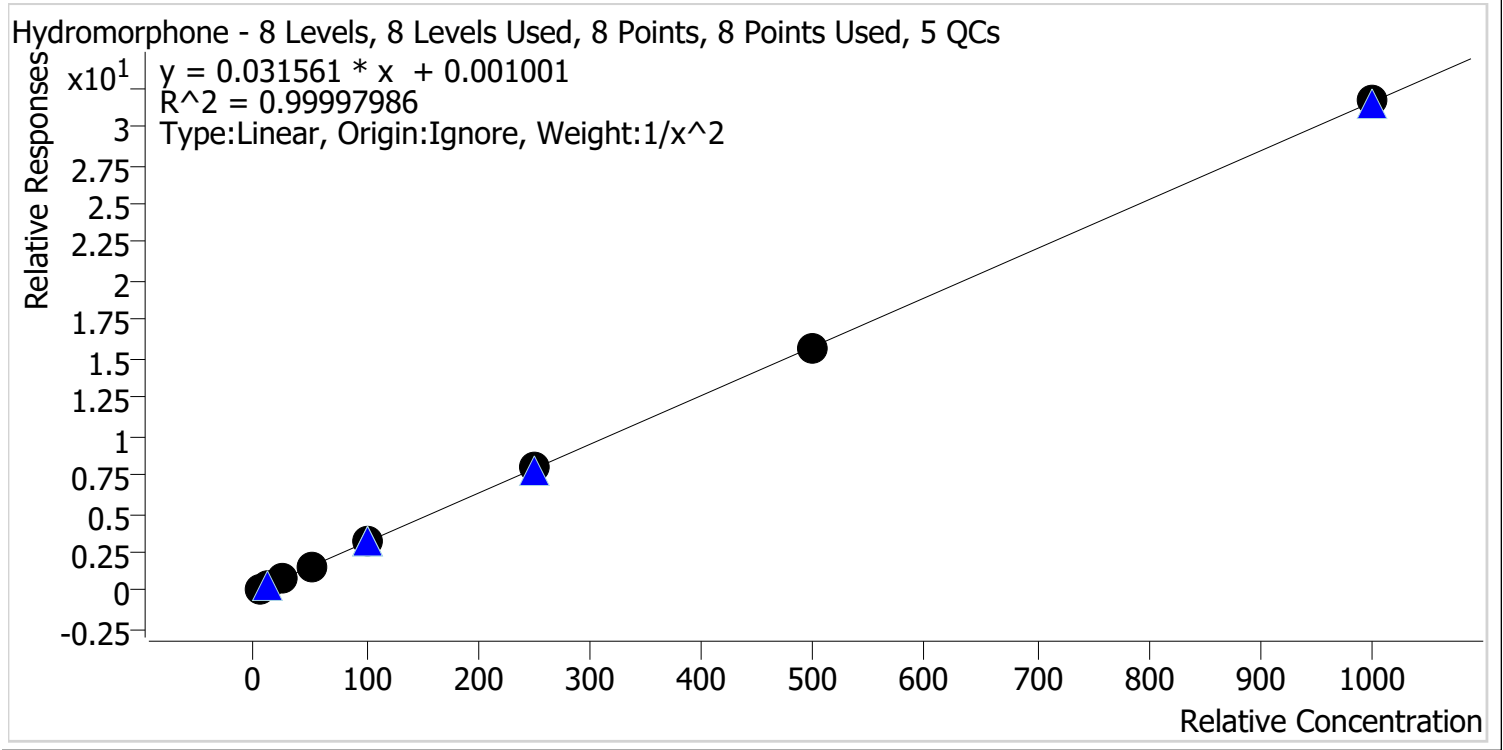


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	466.8	93.4
p1 Cal 8-1000ng	8	✓	1000.0	974.5	97.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

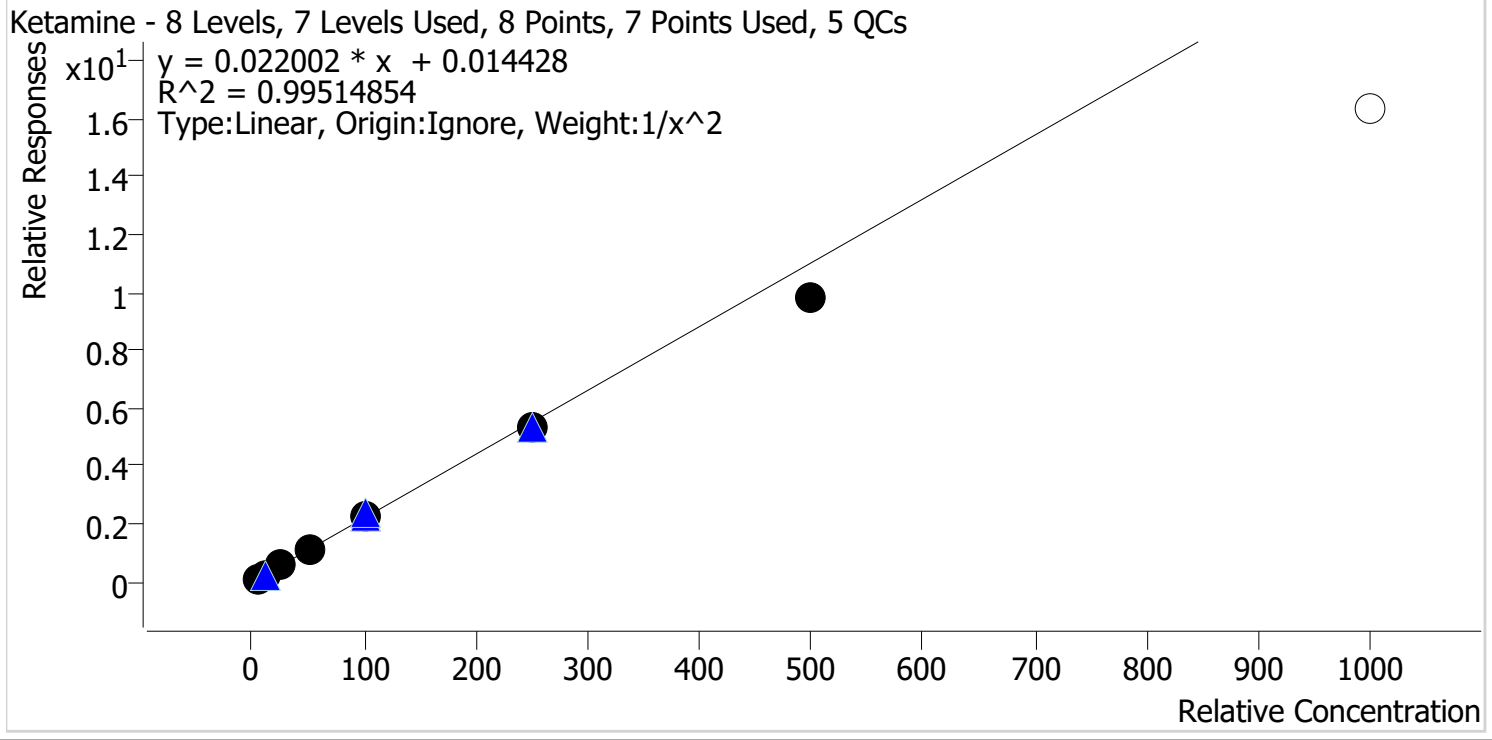


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1002.8	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

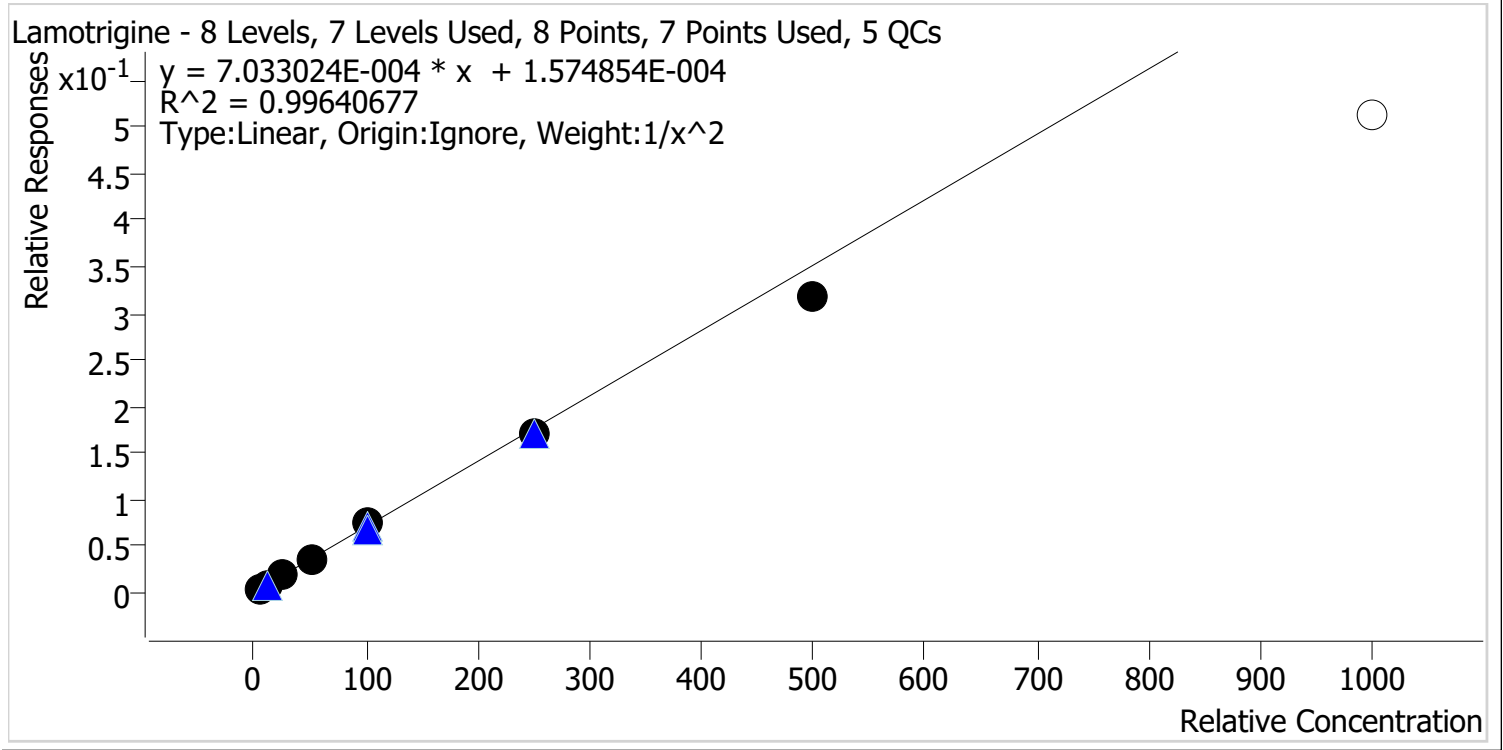


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	447.6	89.5
p1 Cal 8-1000ng	8	✗	1000.0	742.3	74.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

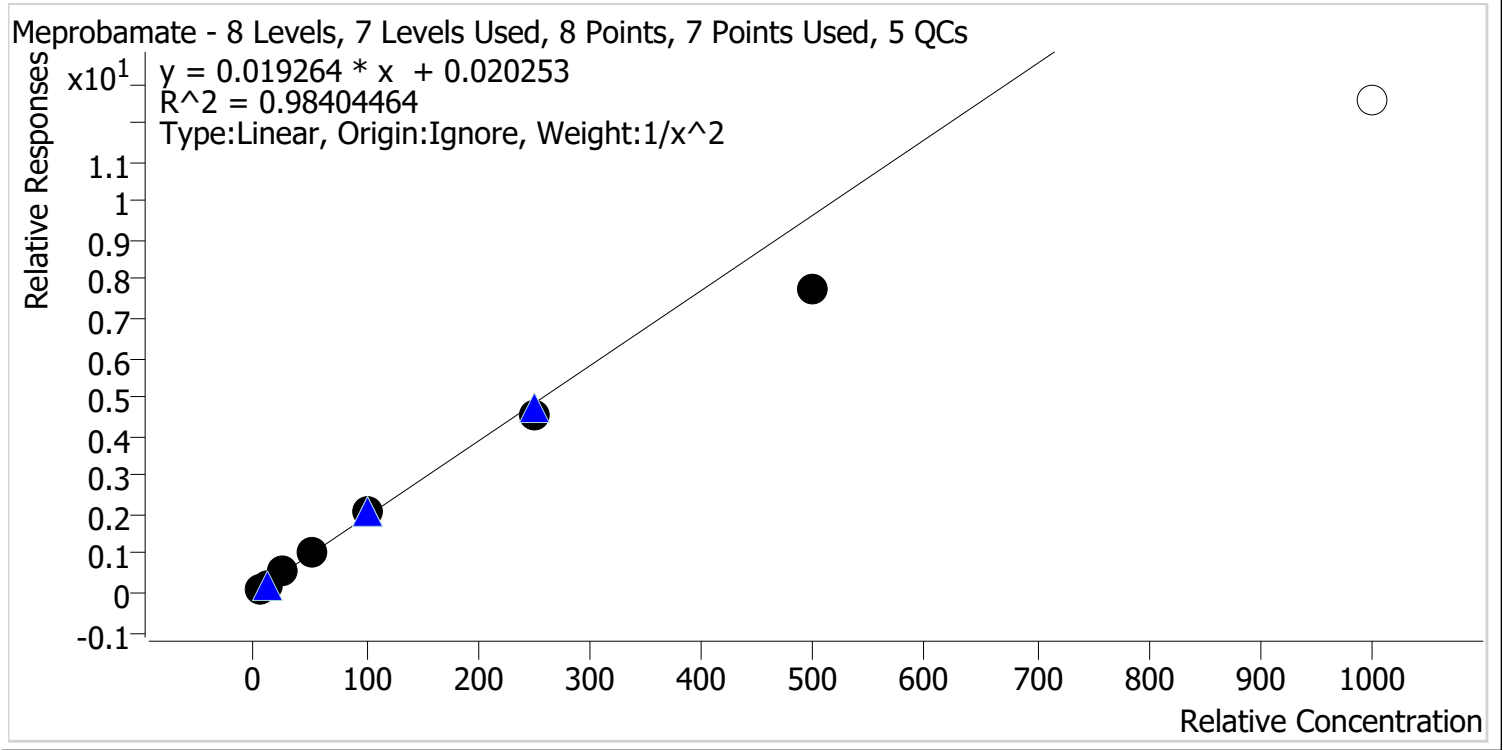


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	454.0	90.8
p1 Cal 8-1000ng	8	✗	1000.0	728.0	72.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

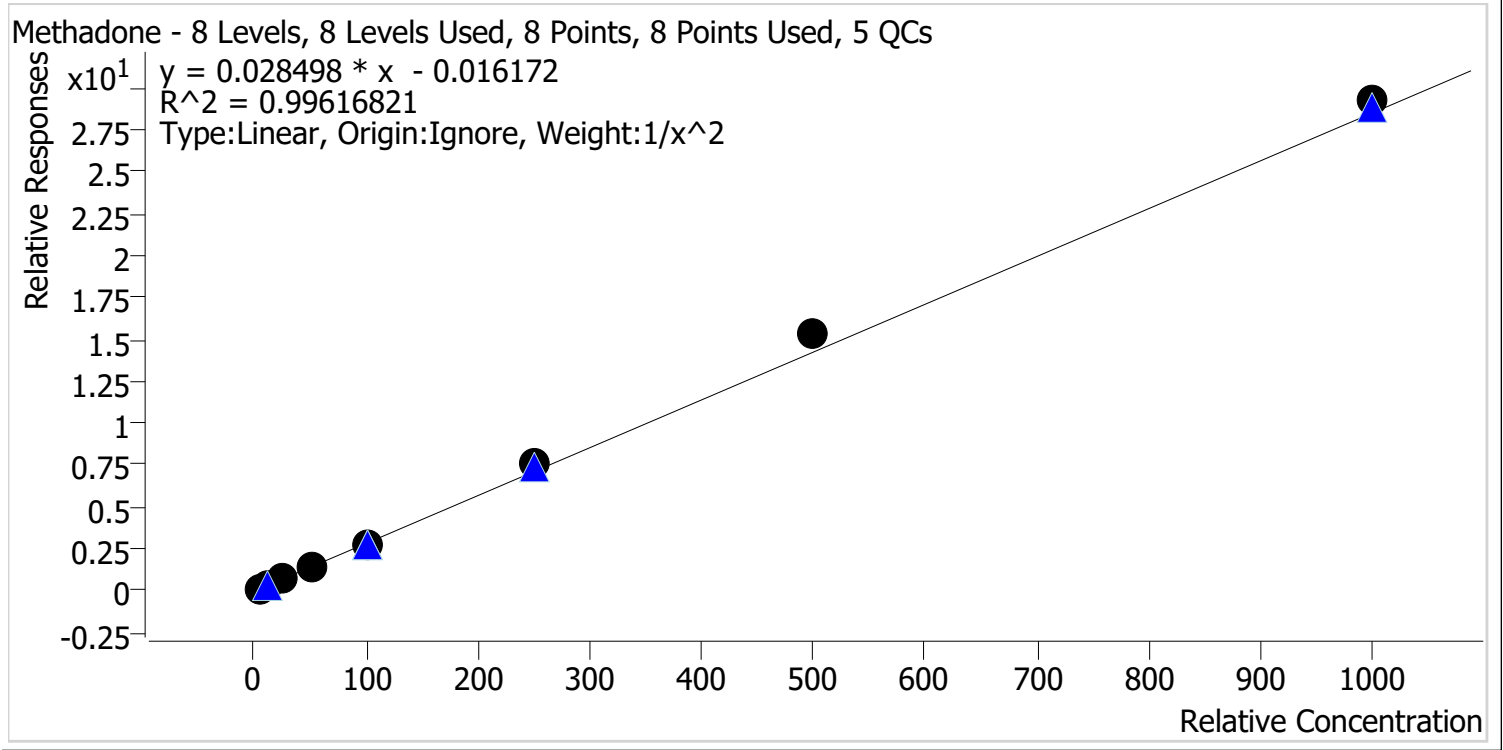


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.3
p1 Cal 4-50ng	4	✓	50.0	54.8	109.7
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	236.7	94.7
p1 Cal 7-500ng	7	✓	500.0	401.9	80.4
p1 Cal 8-1000ng	8	✗	1000.0	651.3	65.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

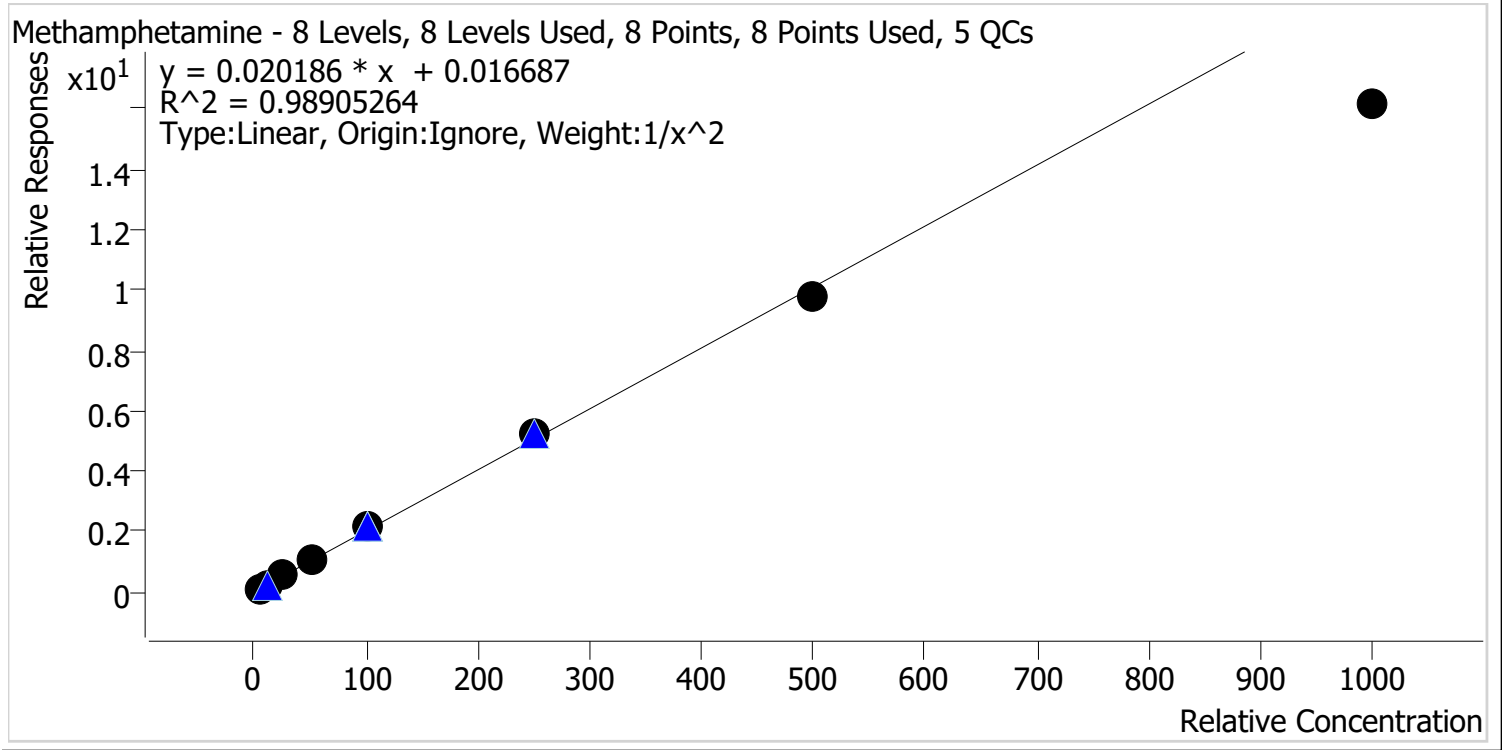


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	265.3	106.1
p1 Cal 7-500ng	7	✓	500.0	535.6	107.1
p1 Cal 8-1000ng	8	✓	1000.0	1026.1	102.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

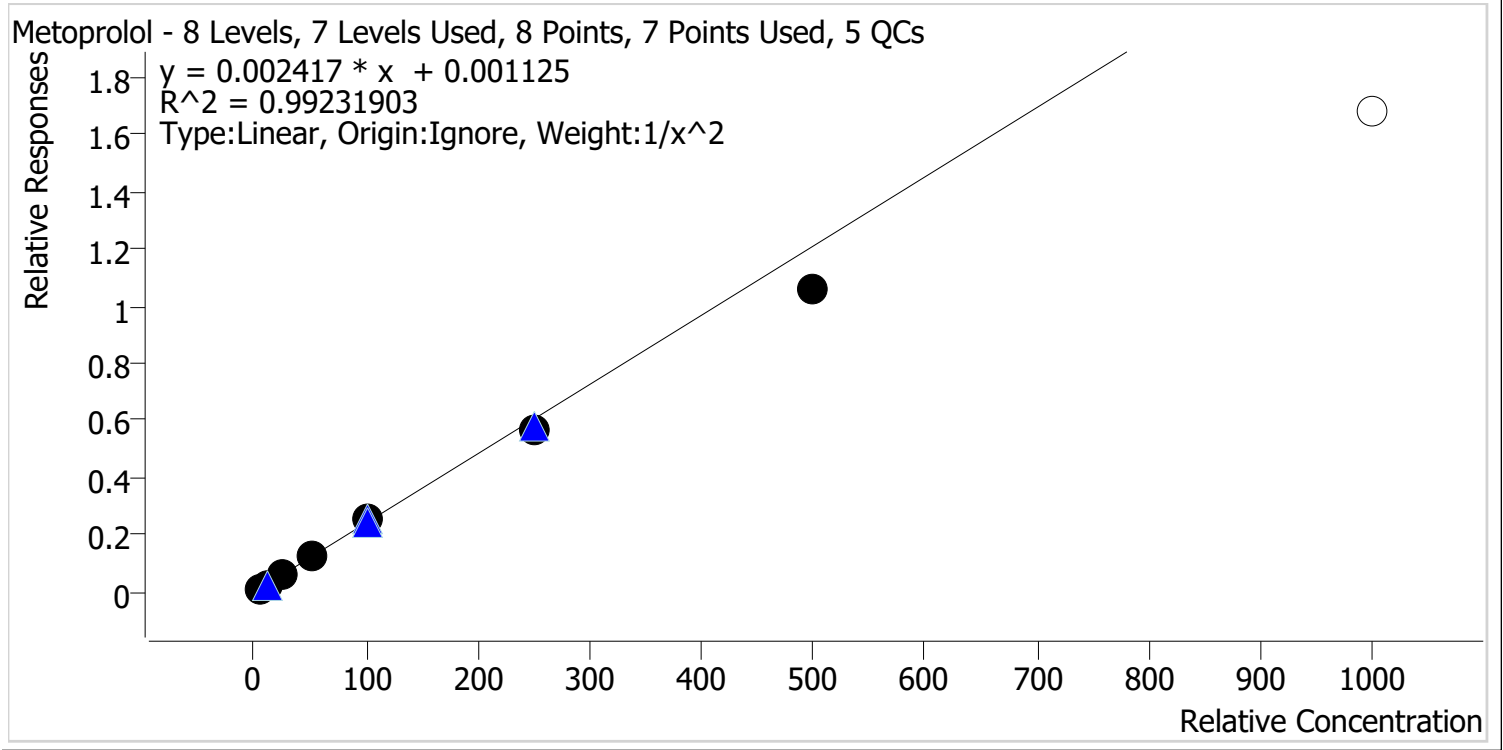


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	481.6	96.3
p1 Cal 8-1000ng	8	✓	1000.0	803.3	80.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



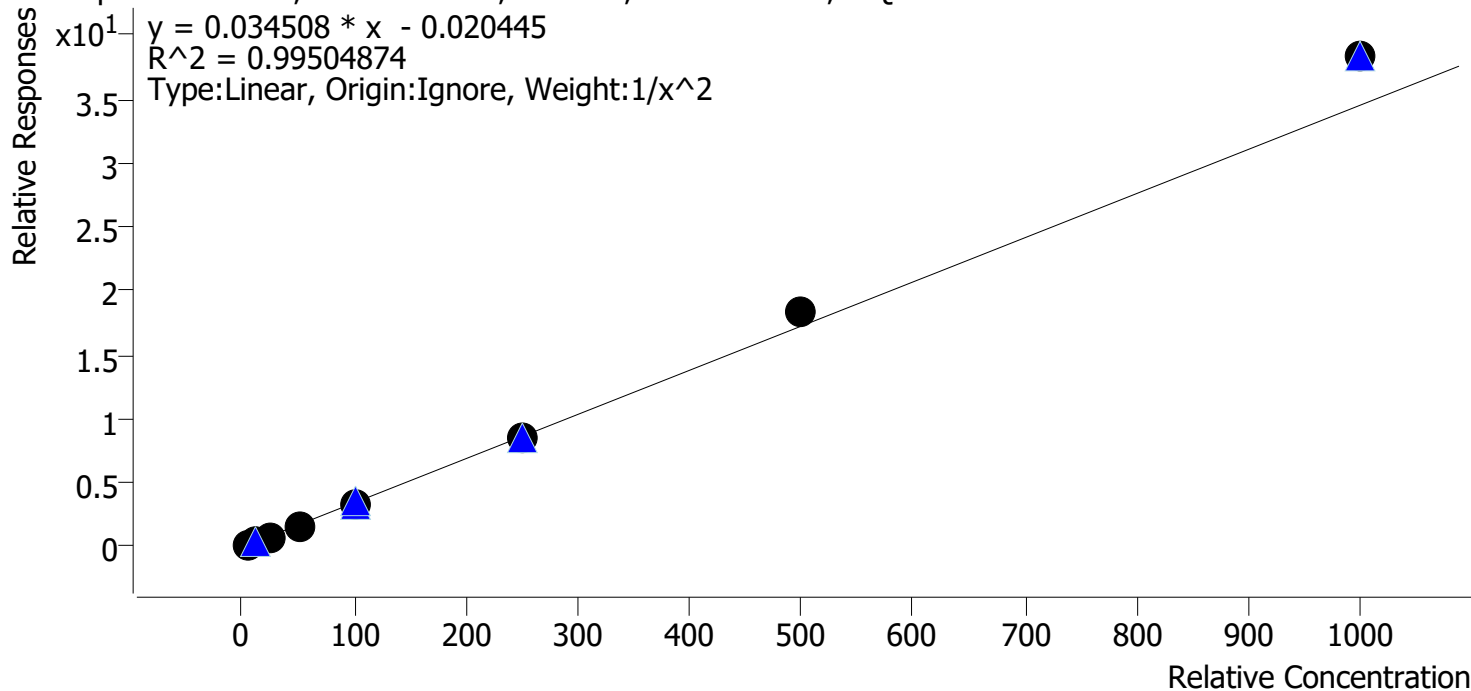
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.5	107.1
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	236.7	94.7
p1 Cal 7-500ng	7	✓	500.0	435.6	87.1
p1 Cal 8-1000ng	8	✗	1000.0	692.3	69.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

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



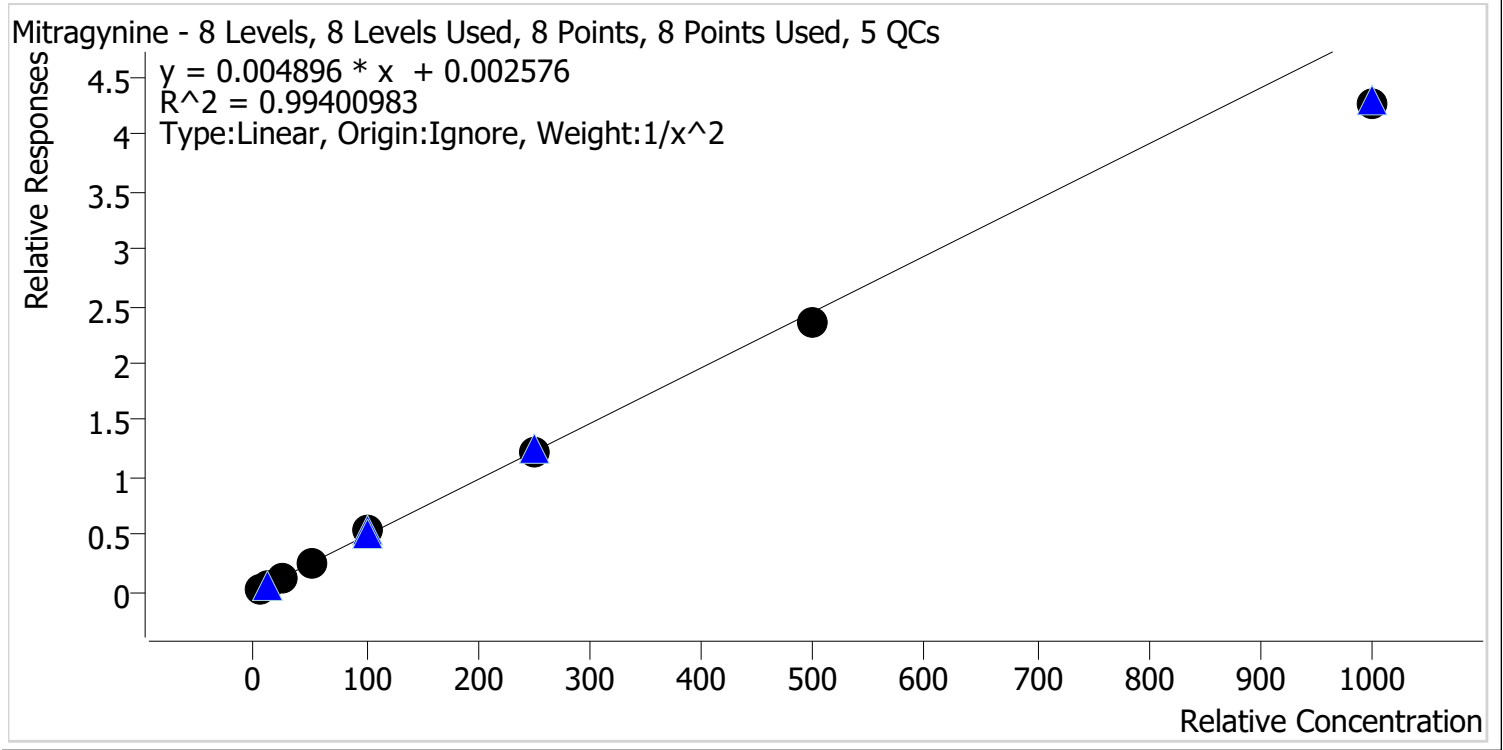
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.0	93.9
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	529.3	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1107.8	110.8

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

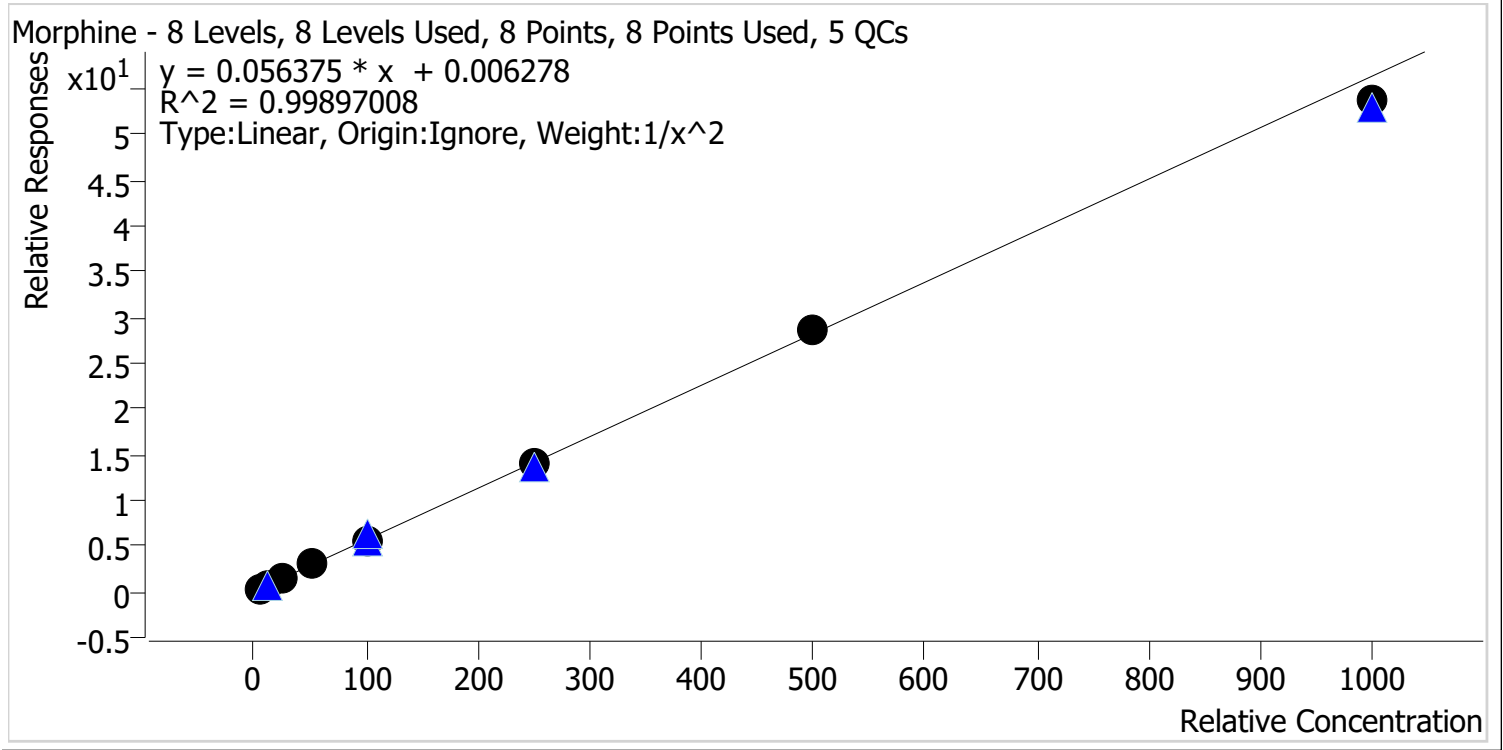


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	479.7	95.9
p1 Cal 8-1000ng	8	✓	1000.0	871.8	87.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6

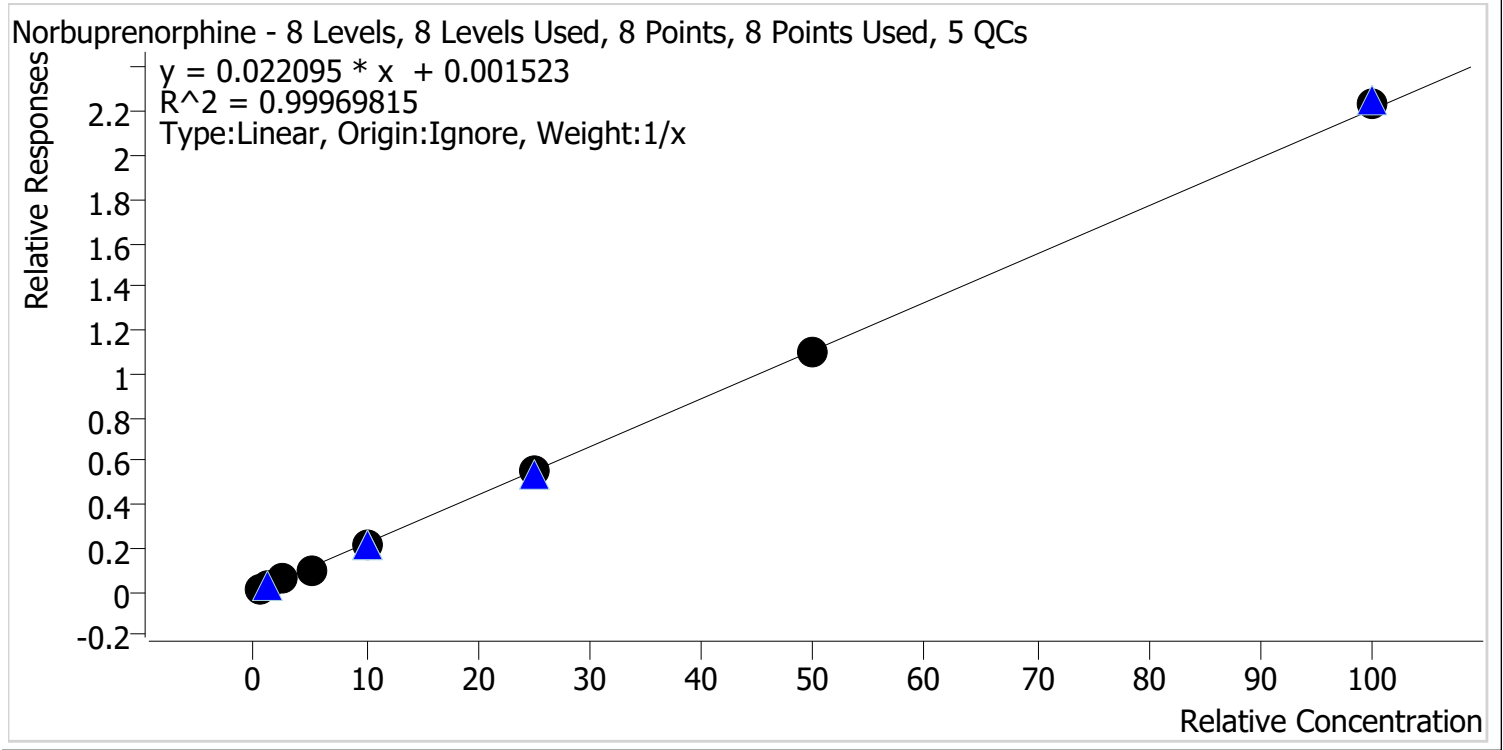


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	952.5	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



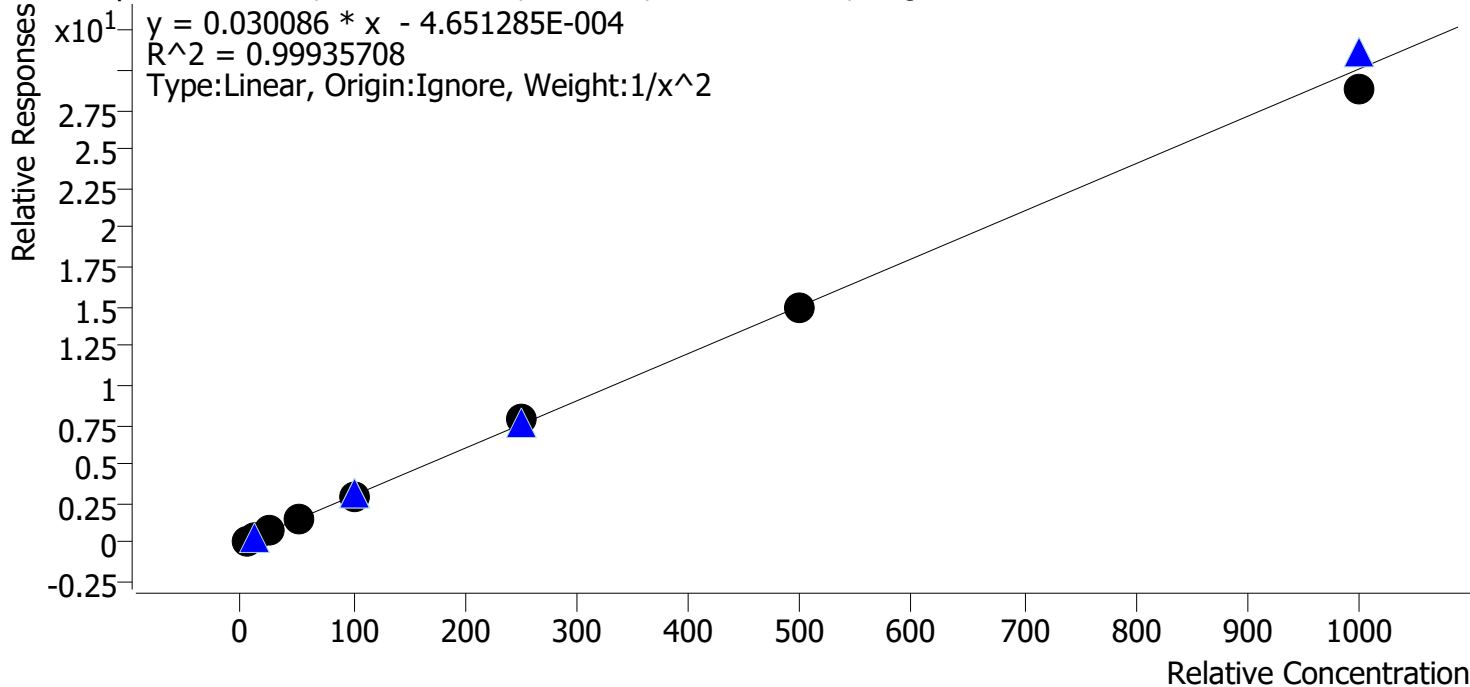
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	109.5
p1 Cal 2-10ng	2	✓	1.0	1.0	101.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.8
p1 Cal 4-50ng	4	✓	5.0	4.6	92.5
p1 Cal 5-100ng	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	49.4	98.7
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



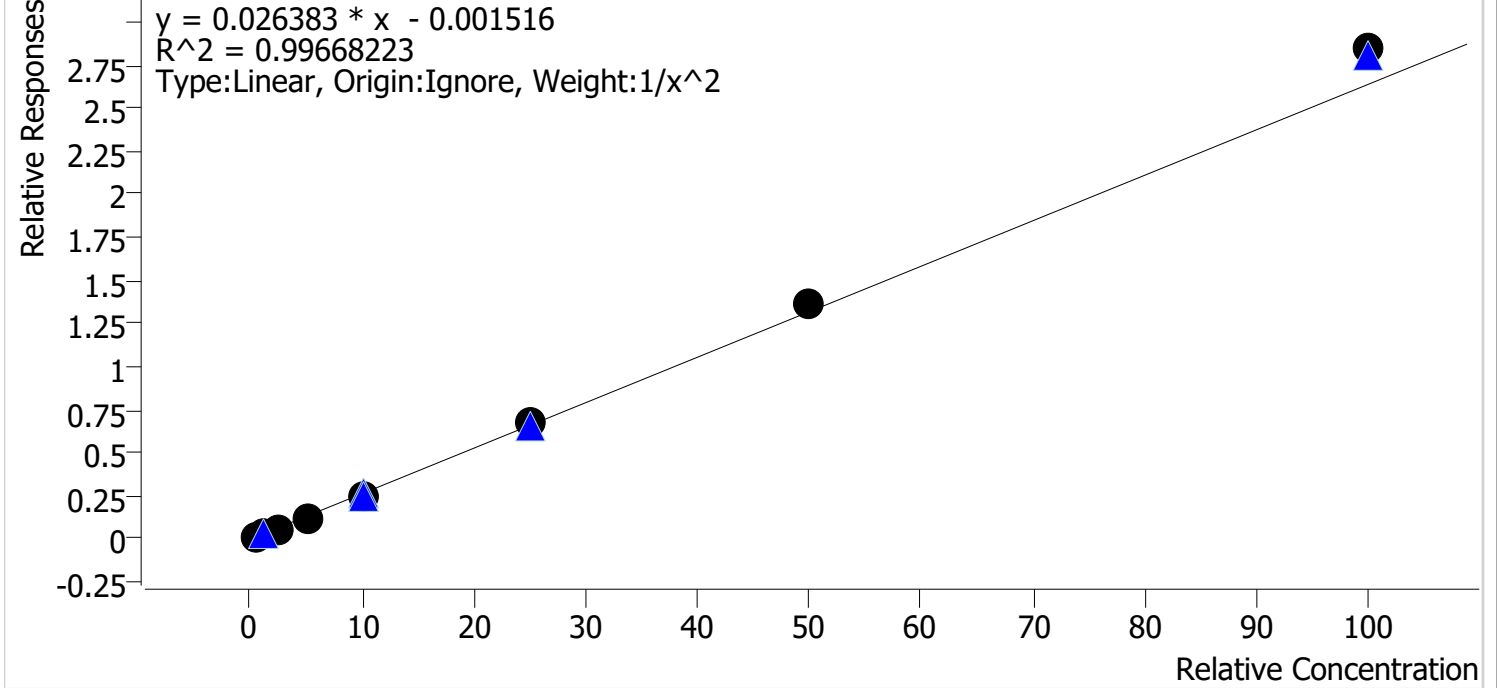
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	958.8	95.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



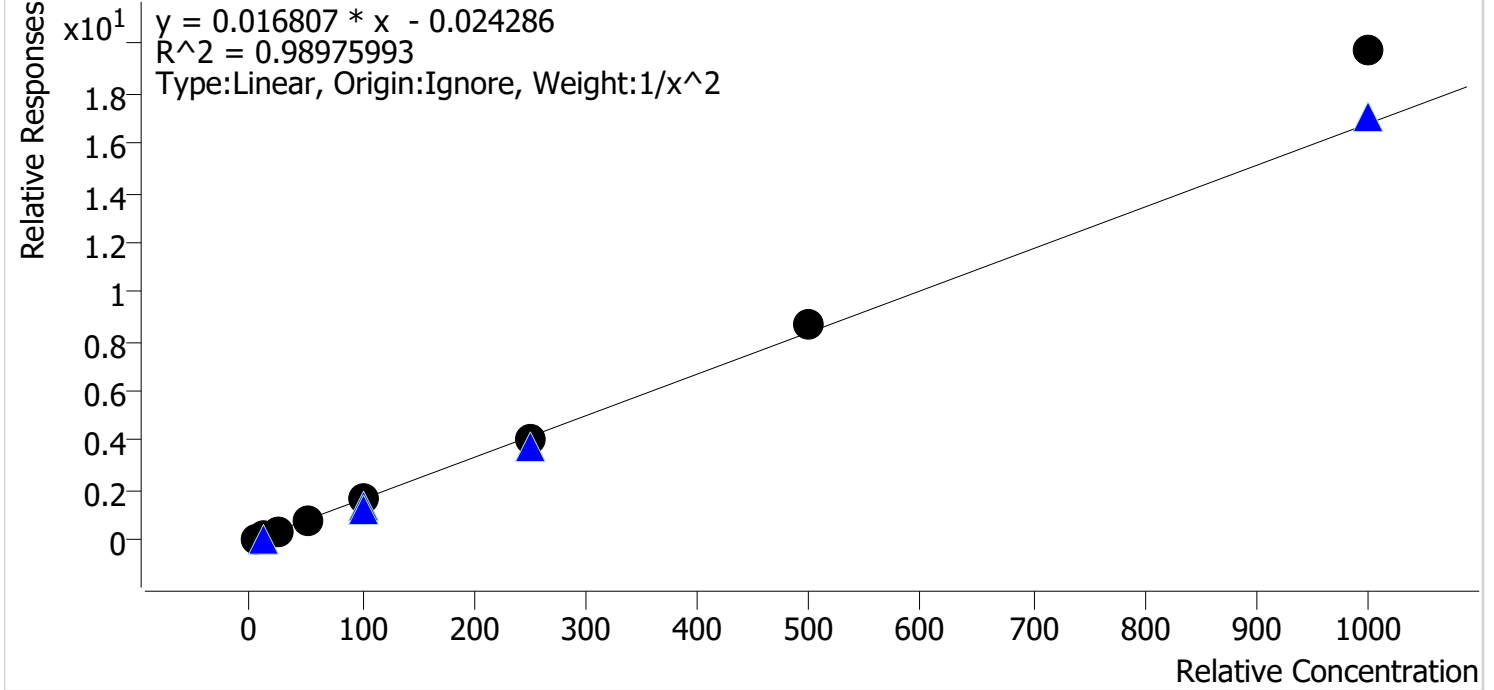
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.2
p1 Cal 2-10ng	2	✓	1.0	0.9	94.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.7
p1 Cal 4-50ng	4	✓	5.0	4.8	95.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.0
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	51.8	103.6
p1 Cal 8-1000ng	8	✓	100.0	107.9	107.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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

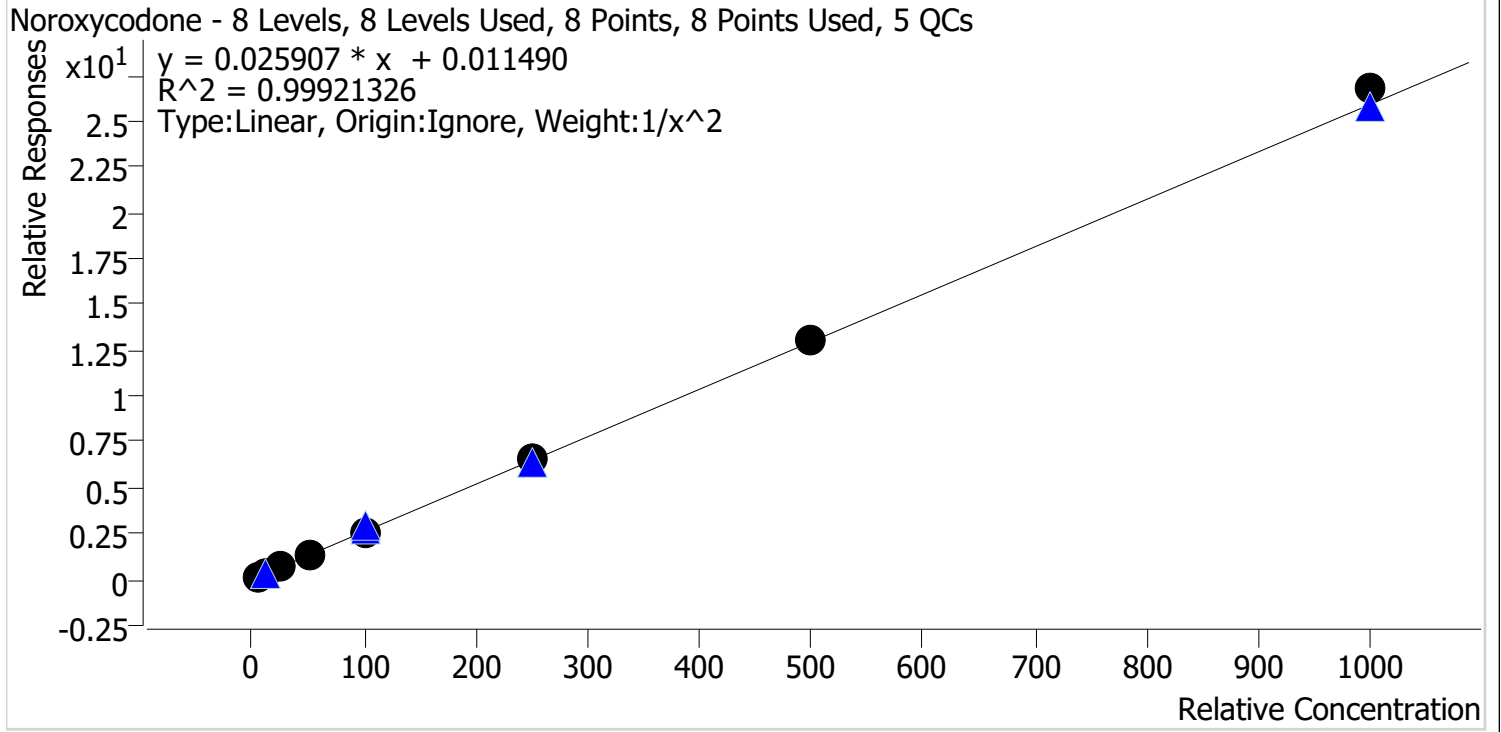


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.8
p1 Cal 2-10ng	2	✓	10.0	9.2	91.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	45.0	90.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	240.9	96.4
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1175.1	117.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

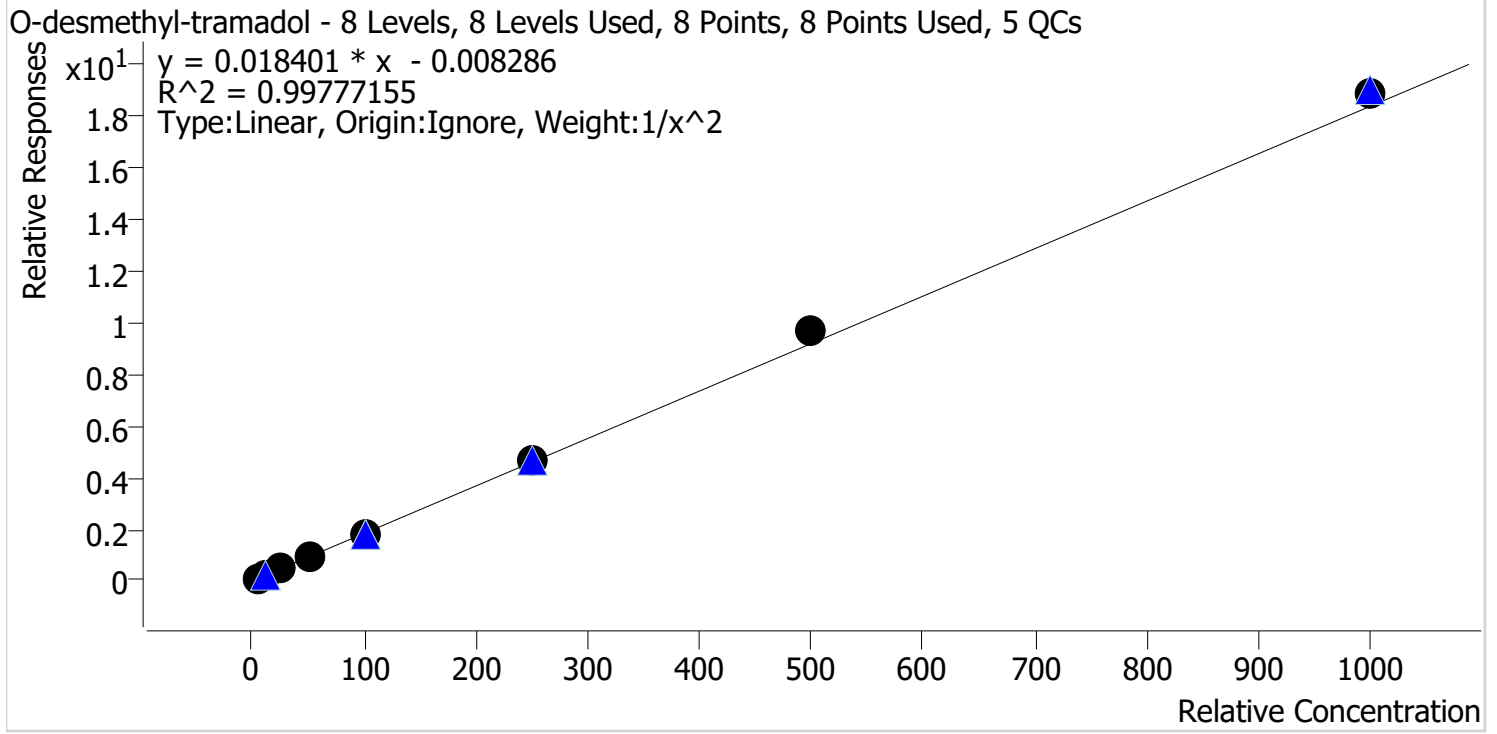


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	502.9	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1033.4	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	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	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	530.7	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1028.7	102.9

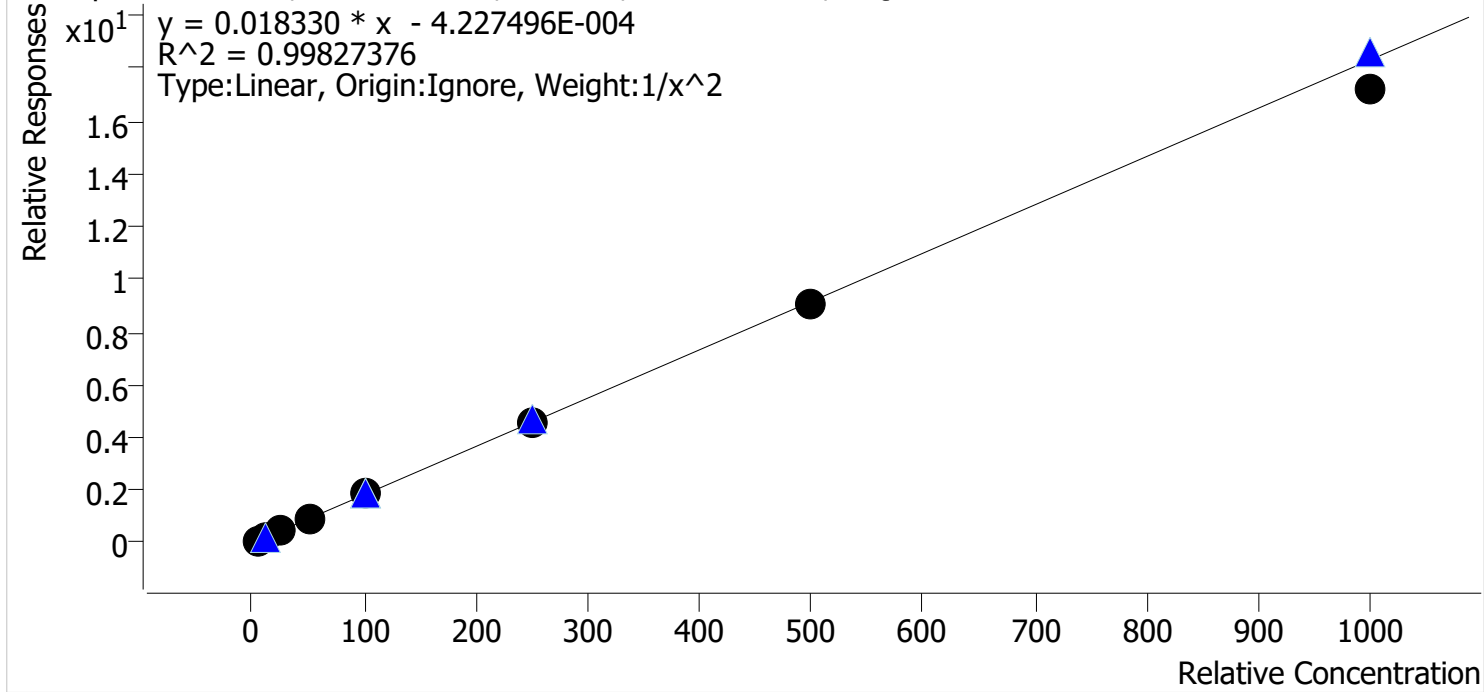
9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



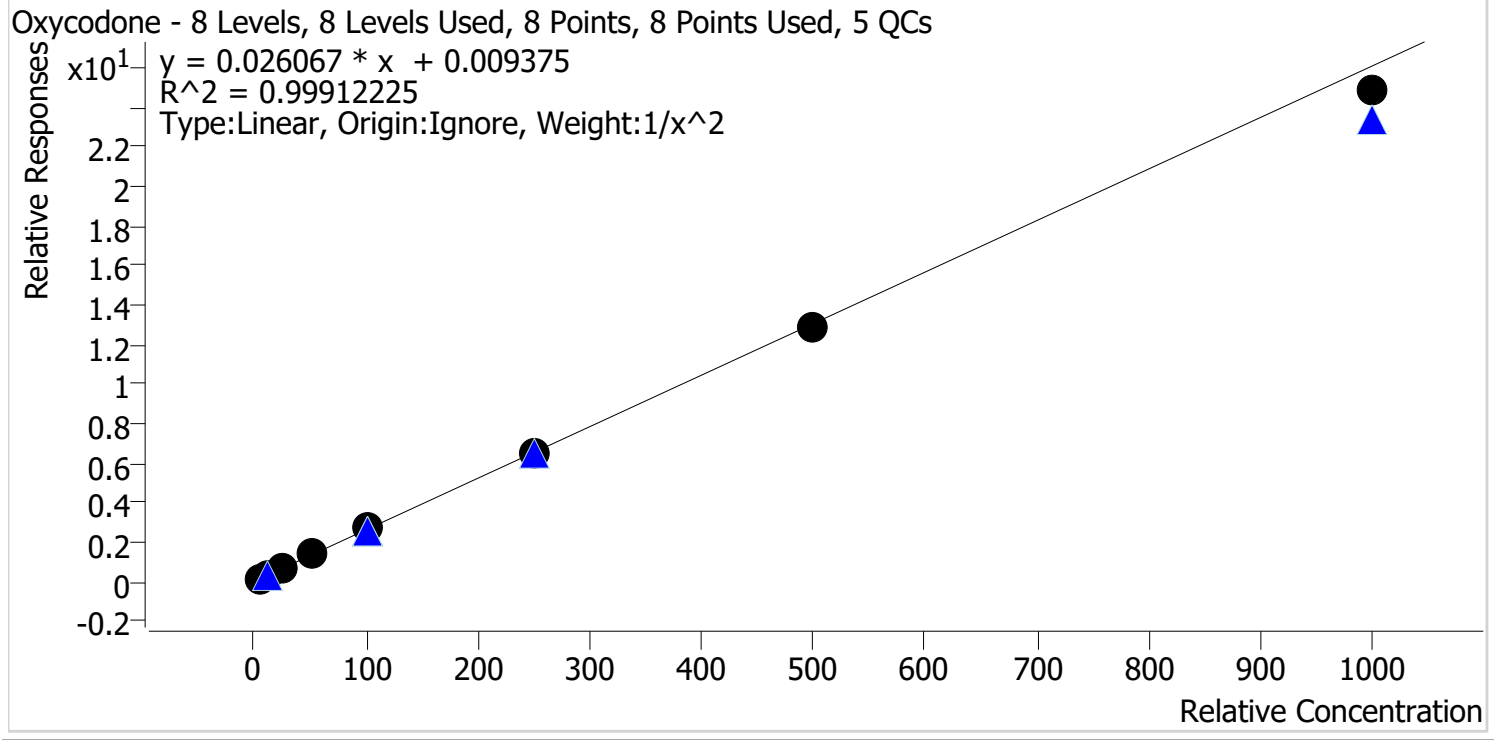
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.6
p1 Cal 4-50ng	4	✓	50.0	50.4	100.7
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	494.5	98.9
p1 Cal 8-1000ng	8	✓	1000.0	940.9	94.1

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



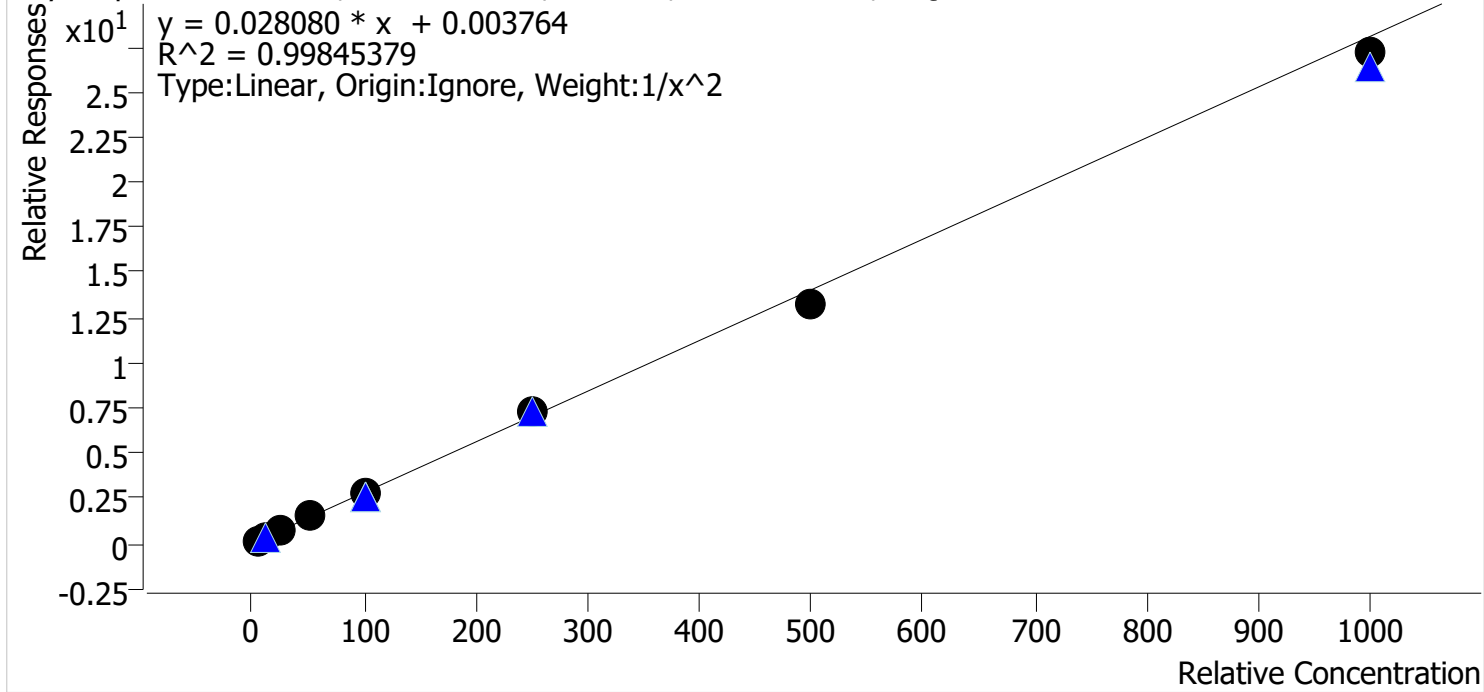
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	493.1	98.6
p1 Cal 8-1000ng	8	✓	1000.0	952.2	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



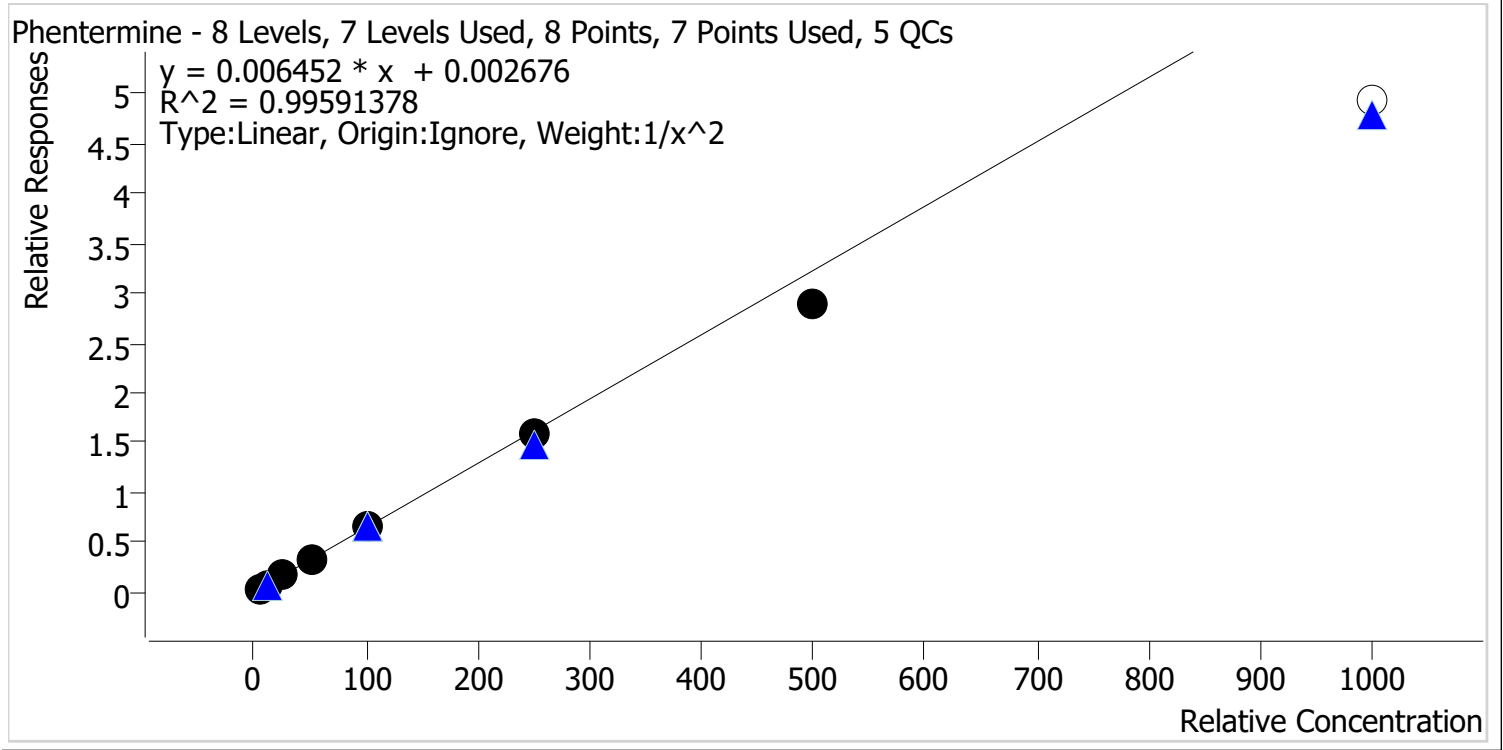
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng	6	✓	250.0	262.7	105.1
p1 Cal 7-500ng	7	✓	500.0	471.0	94.2
p1 Cal 8-1000ng	8	✓	1000.0	968.0	96.8

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

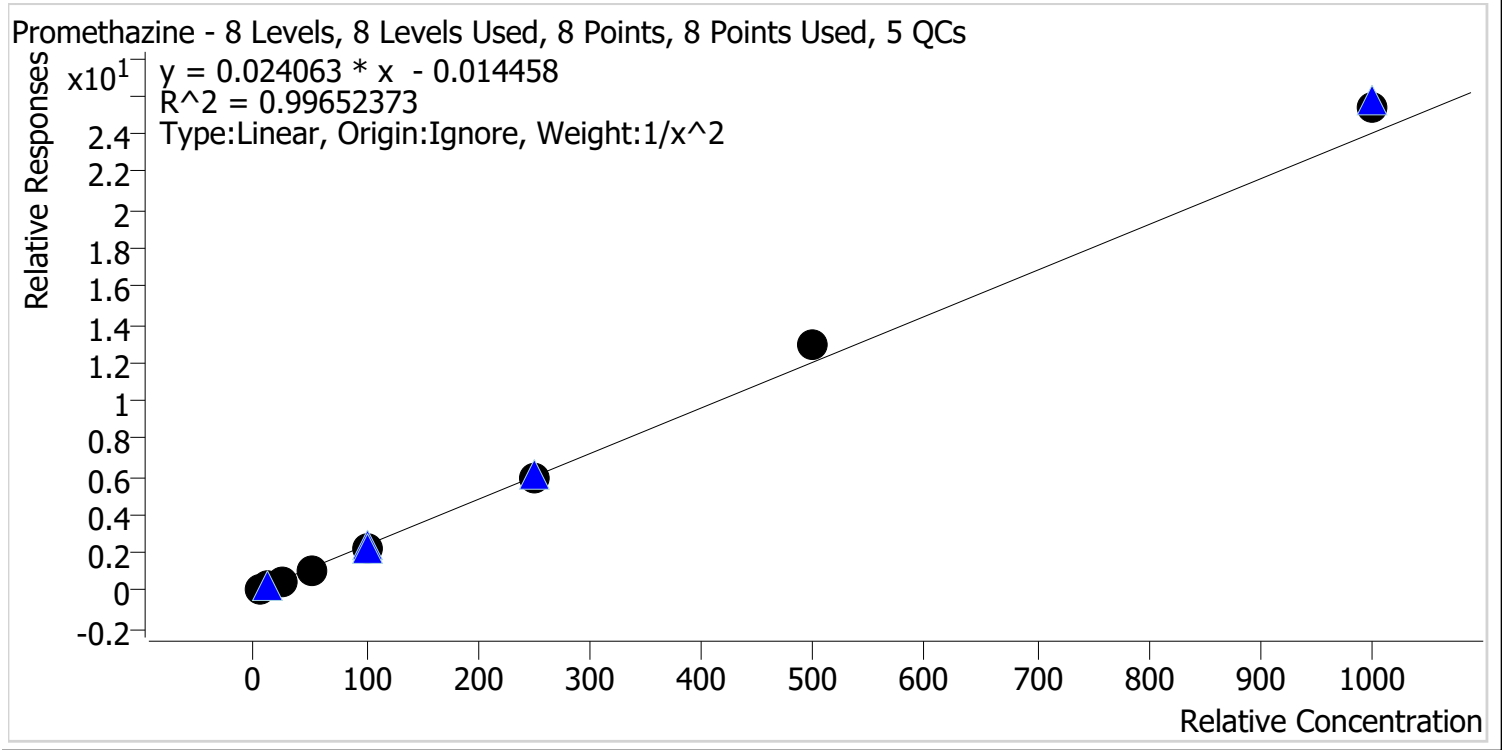


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	446.3	89.3
p1 Cal 8-1000ng	8	✗	1000.0	764.1	76.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

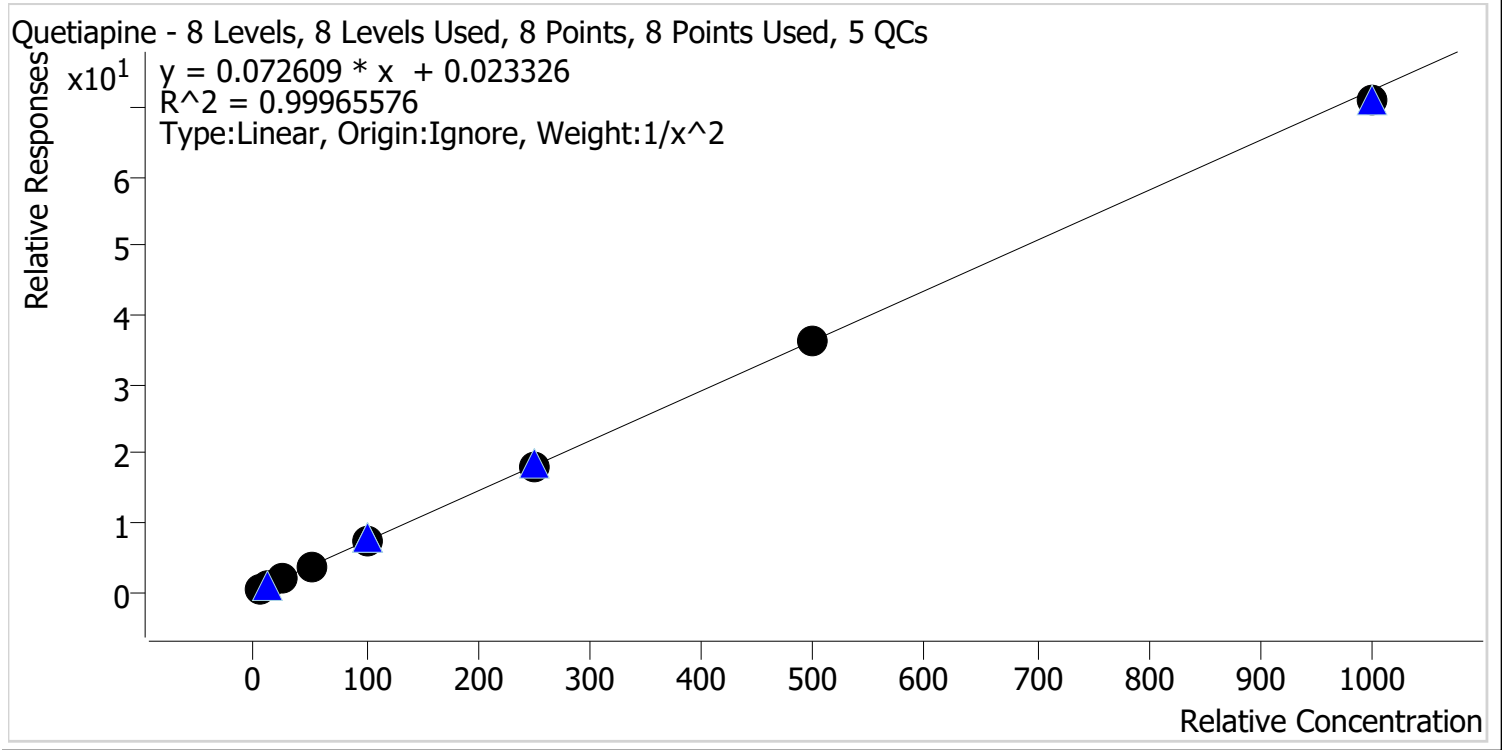


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	541.1	108.2
p1 Cal 8-1000ng	8	✓	1000.0	1055.5	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



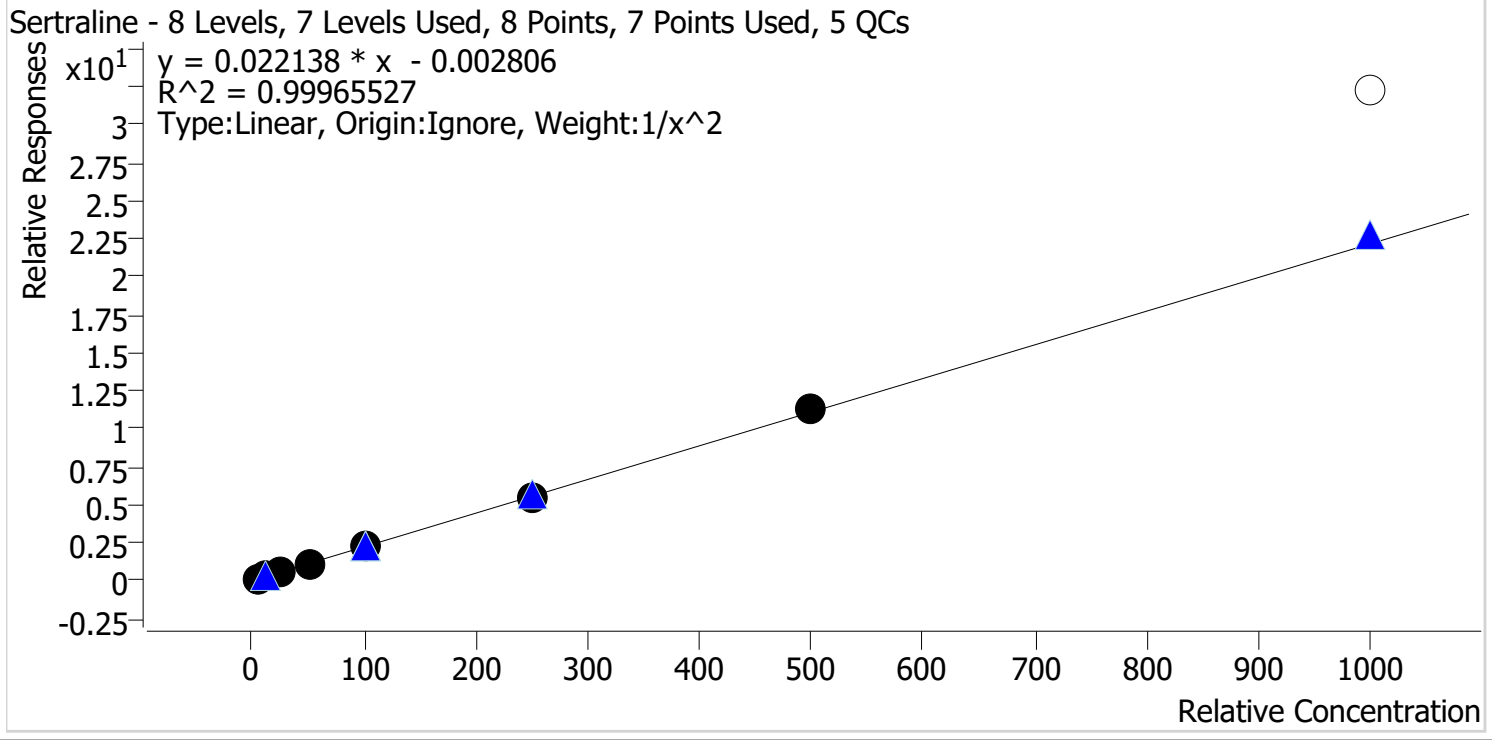
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	498.6	99.7
p1 Cal 8-1000ng	8	✓	1000.0	979.1	97.9

2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



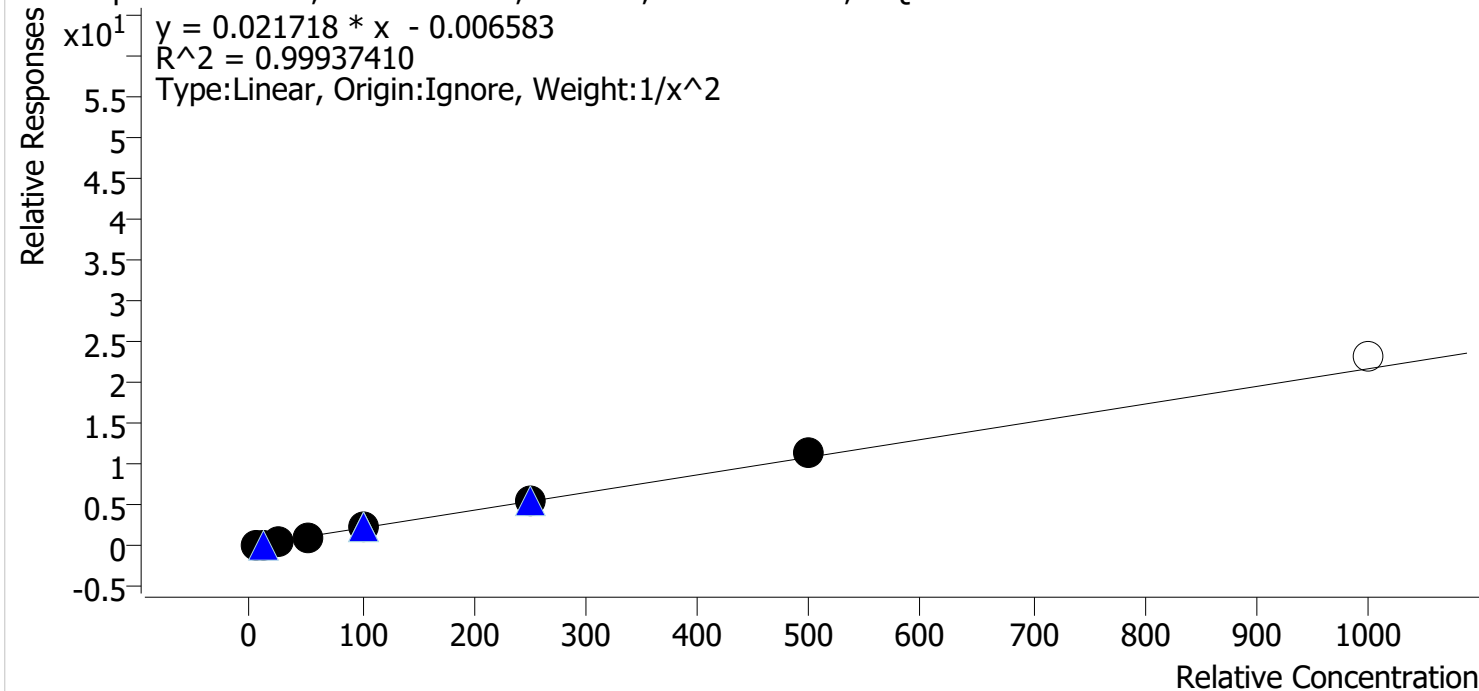
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✗	1000.0	1455.4	145.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

Temazepam - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 5 QCs

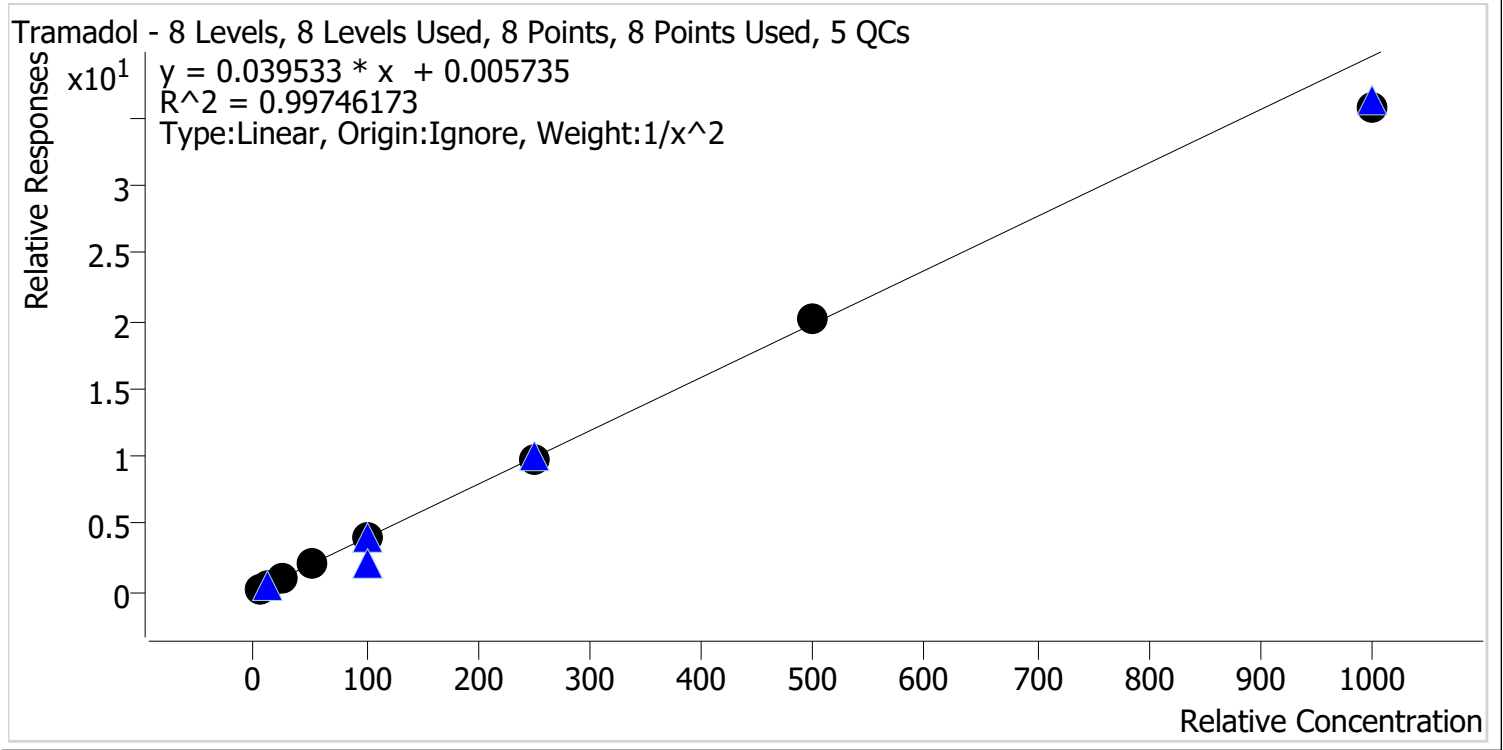


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.8
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✗	1000.0	1068.6	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

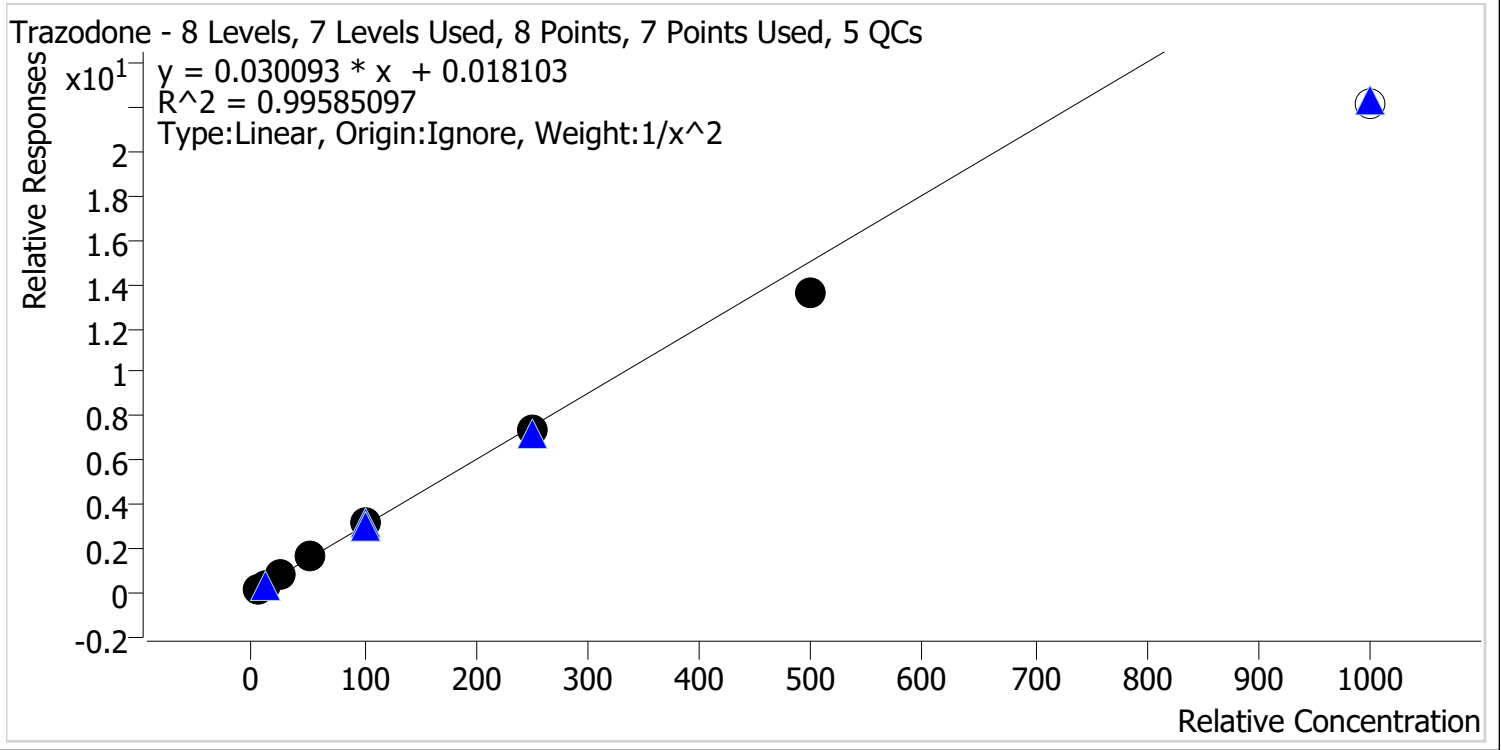


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	902.2	90.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

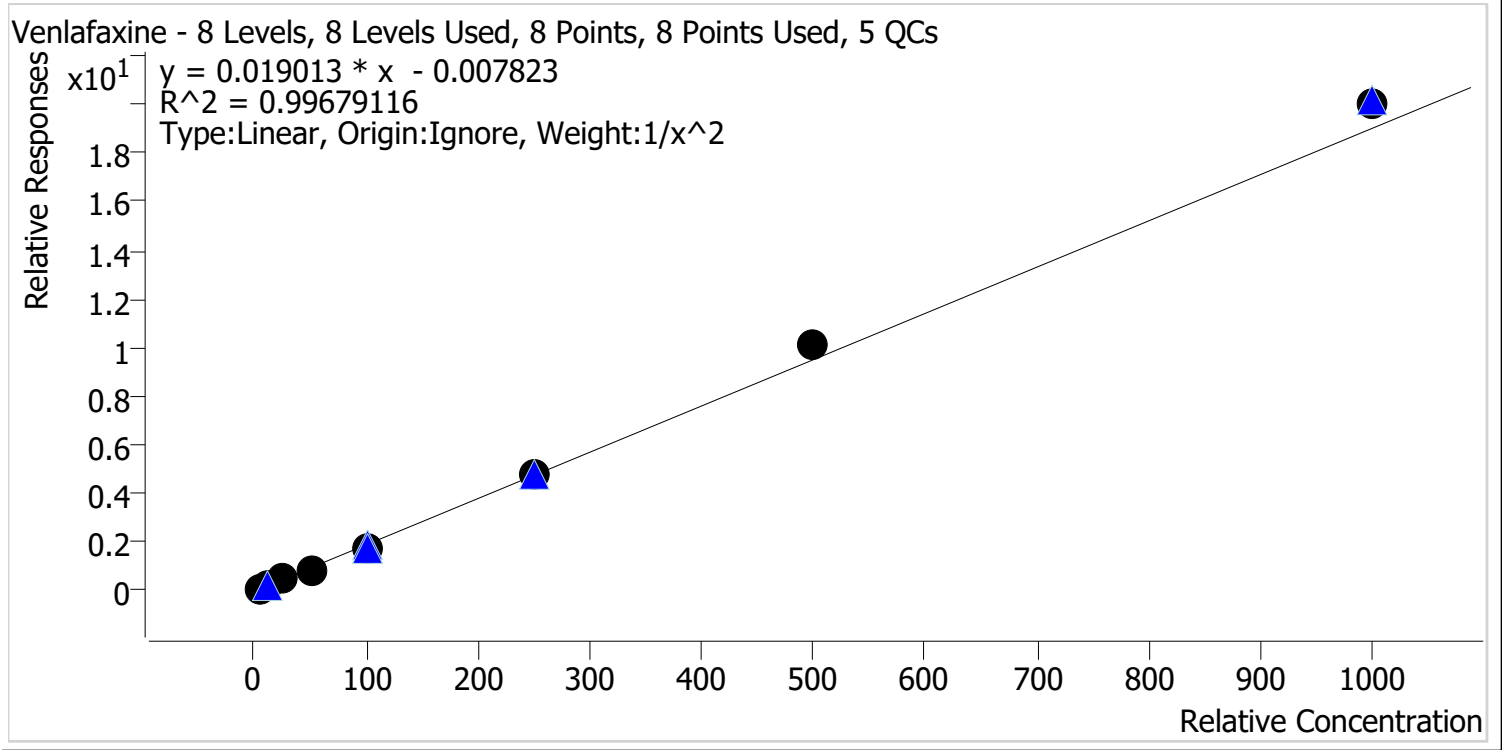


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	243.8	97.5
p1 Cal 7-500ng	7	✓	500.0	450.6	90.1
p1 Cal 8-1000ng	8	✗	1000.0	739.6	74.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



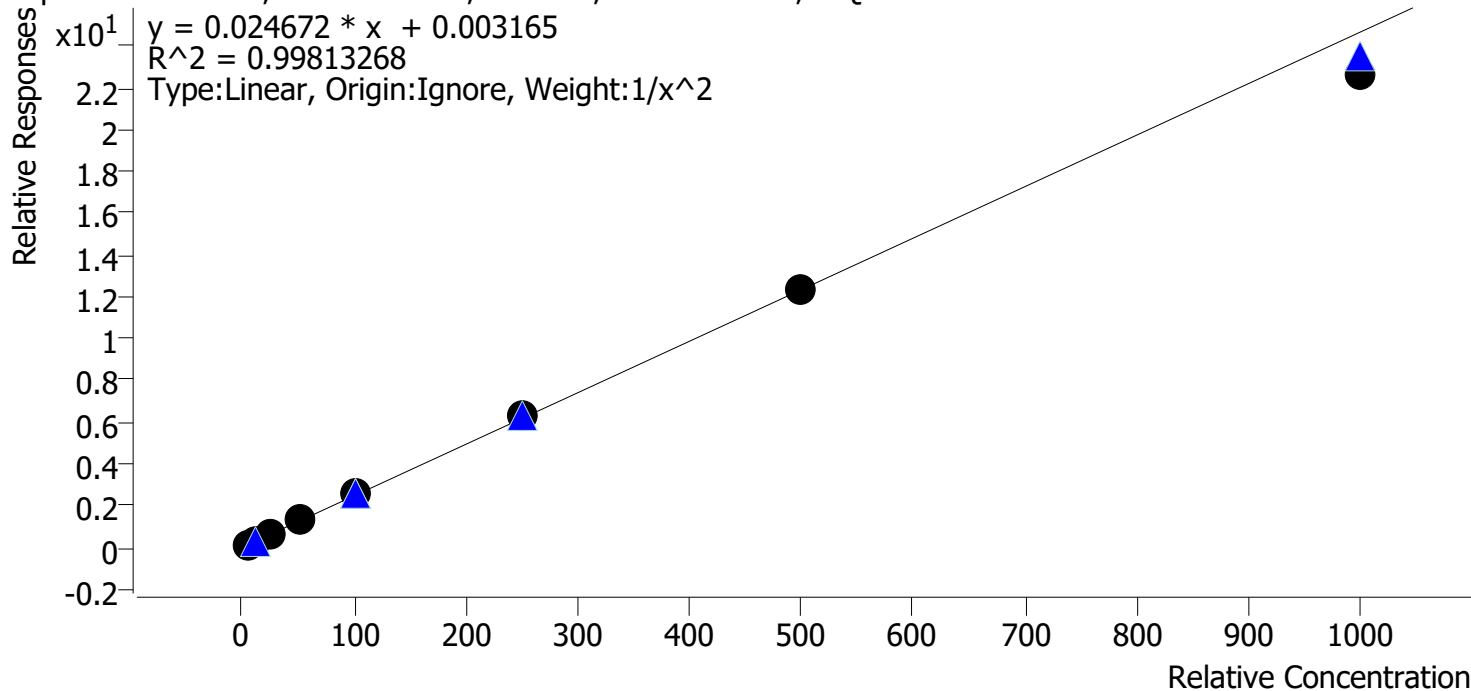
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	535.6	107.1
p1 Cal 8-1000ng	8	✓	1000.0	1057.3	105.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 12/12/2023 1:29 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	503.2	100.6
p1 Cal 8-1000ng	8	✓	1000.0	915.8	91.6



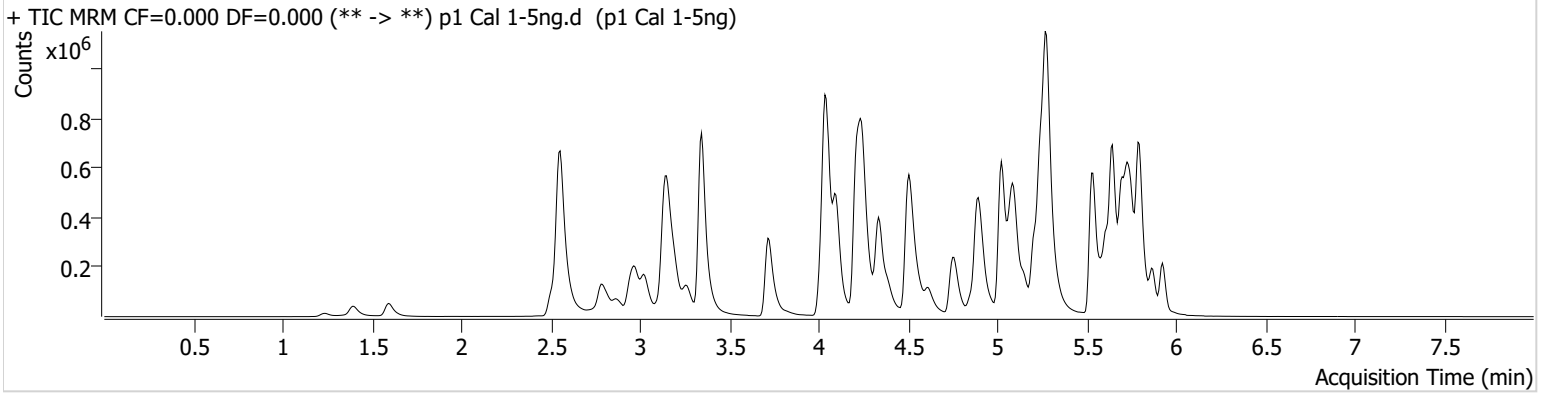
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 12/8/2023 10:58:50 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	3.119	1511	131.77	89.1	4273.10	100074	0.5150 ng/ml
7-aminoclonazepam	4.238	28037		81.3	∞	236878	4.9449 ng/ml
a-hydroxyalprazolam	5.676	15642	512.54	66.8	454.69	144694	5.1638 ng/ml
alpha-PHP	4.915	32224	807.11	257.2	∞	990523	4.9449 ng/ml
alpha-PVP	4.350	124691	3677.15	46.0	950.79	990523	5.1216 ng/ml
Alprazolam	5.753	55268	497.39	121.8	392.15	538780	5.1736 ng/ml
Amphetamine	3.029	169205	2131.82	48.0	1024.01	473473	4.8220 ng/ml
Benzoylcegonine	3.857	2932	252.81	33.0	23.24	18698	5.1739 ng/ml
Bromazolam	5.791	23957	978.68	115.0	339.65	245141	4.9529 ng/ml
Buprenorphine	5.831	2551	110.23	17.0	782.24	200044	0.5148 ng/ml
Bupropion	4.772	106461	668.88	69.3	629.75	680962	5.0578 ng/ml
Carisoprodol	5.701	54231	1509.67	57.6	105.64	477837	5.0518 ng/ml
Citalopram	5.206	86213	2804.48	34.9	2023.02	824611	5.0960 ng/ml
Clonazepam	5.588	69429	545.41	34.3	∞	186627	4.8378 ng/ml
Clonazolam	5.532	47210	299.11	34.8	∞	186627	4.7996 ng/ml
Cocaine	4.244	81059	626.85	51.5	234.27	1295425	5.0242 ng/ml
Codeine	2.566	9212	1517.77	114.8	11515.69	111080	4.8460 ng/ml
Cyclobenzaprine	5.618	68841	178946.57	9.4	232.43	620473	5.1977 ng/ml
Dextromethorphan	5.256	58027	624.10	88.9	205.78	544332	5.0532 ng/ml
Dextrorphan	4.097	39945	736.76	210.5	145448.03	892716	5.0479 ng/ml
Diazepam	5.932	38357	323.33	92.2	678.41	365996	5.0359 ng/ml
Dihydrocodeine	2.538	27439	26184.16	60.7	180.91	306687	4.8808 ng/ml
Diphenhydramine	5.277	238162	388.51	29.3	114474.18	2336703	5.1421 ng/ml
Doxylamine	4.525	199395	21821.26	103.3	19754.06	1923874	5.1536 ng/ml
Duloxetine	5.638	4977	121.91	11.3	17.34	55204	4.9867 ng/ml
EDDP	5.242	119436	240.84	42.4	291.10	1256575	5.1483 ng/ml
Etizolam	5.792	24577	24435.28	29.1	8947.54	186627	5.1077 ng/ml
Fentanyl	5.089	8144	193.90	71.1	236.56	837349	0.5346 ng/ml
Fluorofentanyl	5.143	19222	268.69	38.4	13902.42	6851	0.4979 ng/ml
Fluoxetine	5.698	55455	808.24	8.4	127.78	407422	5.0104 ng/ml
Hydrocodone	3.005	37302	58.82	33.1	33.83	405374	4.9558 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	23997	211.17	74.9	197.64	150865	5.0082 ng/ml
Hydroxyzine	5.695	78809	690.78	75.3	2482.58	544332	5.2182 ng/ml
Ketamine	4.030	73911	694.97	35.2	89.02	607082	4.8777 ng/ml
Lamotrigine	4.267	7456	133.47	82.0	54.10	2043626	4.9636 ng/ml
Lorazepam	5.724	52635	756.87	50.0	51.83	758211	4.6858 ng/ml
MDA	3.177	112413	4385.77	31.3	643.70	727662	4.8135 ng/ml
MDMA	3.271	74797	4285.52	92.0	5742.79	173110	5.1121 ng/ml
Meprobamate	4.882	25739	202.34	31.6	76.29	229133	4.7797 ng/ml
Methadone	5.643	165665	4201.07	48.2	617.97	1264252	5.1655 ng/ml
Methamphetamine	3.198	164567	1618.33	39.5	1676.48	1434265	4.8574 ng/ml
Metoprolol	4.307	21221	798.57	103.2	487.76	1642302	4.8813 ng/ml
Mirtazapine	4.614	156887	9189.08	51.2	935.74	990523	5.1823 ng/ml
Mitragynine	5.217	33409	15585.42	32.8	∞	1264252	4.8708 ng/ml
Morphine	1.247	4300	1499.45	31.6	572.11	14930	4.9981 ng/ml
Norbuprenorphine	4.985	392	542.80	108.4	236.26	28794	0.5475 ng/ml
Nordiazepam	5.871	42600	377.27	59.2	453.26	282291	5.0314 ng/ml
Norfentanyl	4.064	17382	1485.54	34.2	43.94	1421785	0.5208 ng/ml
Norhydrocodone	3.046	7987	80.87	35.1	42.03	123625	5.2889 ng/ml
Noroxycodone	2.889	23739	184.33	45.4	∞	165821	5.0822 ng/ml
O-desmethyl-tramadol	3.351	180101	25180.95	5.7	69.93	2086149	5.1421 ng/ml
o-desmethylvenlafaxine	4.056	202203	6078.24	20.0	∞	432483	5.1985 ng/ml
Olanzapine	4.469	18863	303.16	51.2	137.11	86423	5.0223 ng/ml
Oxazepam	5.734	67939	3869.93	74.6	57.11	758211	4.9116 ng/ml
Oxycodone	2.814	65514		28.7	382.21	473875	4.9440 ng/ml
Oxymorphone	1.398	19383	313.78	47.7	139.79	135935	4.9439 ng/ml
Phentermine	3.753	36005	357.37	7.2	31.99	1050490	4.8976 ng/ml
Promethazine	5.535	123261	5854.67	31.9	1105.49	1129165	5.1373 ng/ml
Pseudoephedrine	2.562	196281	365.52	17.1	621.55	2043626	5.1727 ng/ml
Quetiapine	5.544	113158	185.11	53.6	34898.41	294739	4.9663 ng/ml
Sertraline	5.767	13543	120.59	96.5	108.87	123544	5.0785 ng/ml
Temazepam	5.795	110007	1441.04	27.2	93.87	1064405	5.0618 ng/ml
Tramadol	4.226	333019	184.01	1.6	∞	1642302	4.9843 ng/ml
Trazodone	5.149	150301	993.49	57.2	456.86	899817	4.9491 ng/ml
Venlafaxine	5.023	160347	3133.12	36.1	158.47	1784131	5.1383 ng/ml
Xylazine	4.051	67956		42.2	237.00	490167	5.0943 ng/ml
Zolpidem	4.913	171762	175833.68	28.6	992.27	1359168	4.9938 ng/ml

AM #28 Multi-Drug Quant. Results

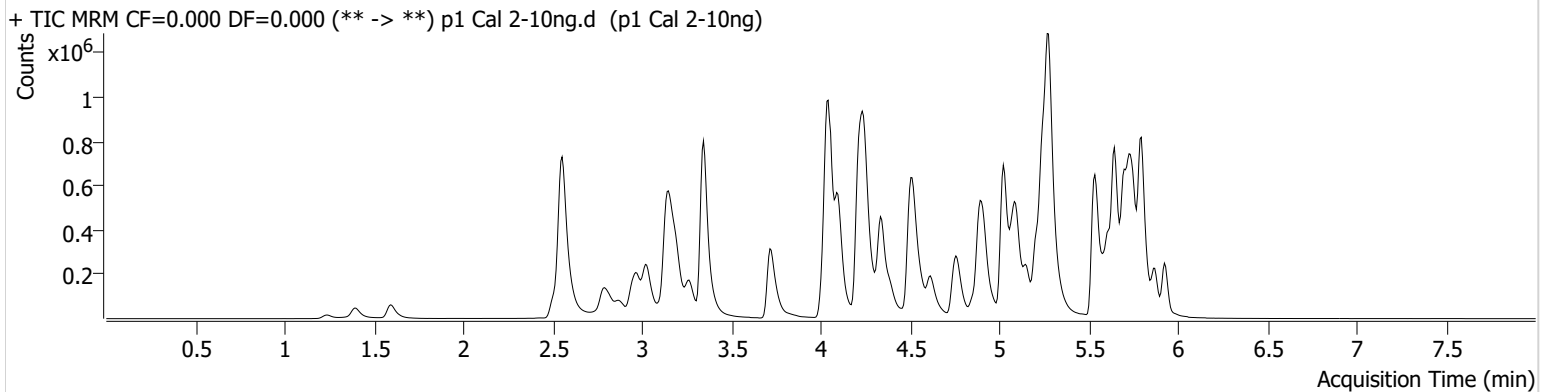


Batch results D:\MassHunter\Data\2023\AM 27 28\120823 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B1 **Comment**
Injection Volume 2
Acq. Date-Time 12/8/2023 11:09:38 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	3.112	2906	2607.29	84.9	158.10	98024	0.9543 ng/ml
7-aminoclonazepam	4.238	57762	2409.62	79.0	1335.19	247144	9.9461 ng/ml
a-hydroxyalprazolam	5.676	30665	164.35	67.1	463.64	151101	9.5618 ng/ml
alpha-PHP	4.915	60390	3345.65	264.2	22255.27	985432	9.8575 ng/ml
alpha-PVP	4.343	244140	4652.69	46.5	2080.28	985432	9.7263 ng/ml
Alprazolam	5.753	114634	481.67	119.1	1081.12	542559	9.7457 ng/ml
Amphetamine	3.029	333301	3587.58	48.0	1823.45	466958	10.5525 ng/ml
Benzoylcegonine	3.857	5071	67.30	36.4	93.14	18365	9.3967 ng/ml
Bromazolam	5.791	48212	682.38	117.8	3022.28	249931	9.9897 ng/ml
Buprenorphine	5.838	5400	446.49	14.3	760.91	203017	0.9738 ng/ml
Bupropion	4.772	211350	269303.97	68.7	2751.15	682122	9.8276 ng/ml
Carisoprodol	5.708	108091	3656.13	61.1	9384.75	498725	9.7413 ng/ml
Citalopram	5.206	169622	634.63	36.6	308.63	792248	9.8771 ng/ml
Clonazepam	5.588	141658	528.51	33.2	357.49	184745	10.3714 ng/ml
Clonazolam	5.532	95750	687.17	32.3	742.62	184745	10.4479 ng/ml
Cocaine	4.244	161372		49.6	4516.37	1296998	9.9800 ng/ml
Codeine	2.566	17778	1064.81	113.7	38049.91	105441	10.2346 ng/ml
Cyclobenzaprine	5.612	126401		10.0	87.89	583117	9.6156 ng/ml
Dextromethorphan	5.256	114050	379.93	83.6	406.62	534782	9.8794 ng/ml
Dextrorphan	4.104	79277	735.42	206.2	5642.76	888312	9.9297 ng/ml
Diazepam	5.932	75846	513.67	92.5	529.63	367695	9.8166 ng/ml
Dihydrocodeine	2.538	52827	48539.50	59.8	367.03	303196	10.1161 ng/ml
Diphenhydramine	5.277	472044	29381.69	28.8	7931.48	2322919	9.6971 ng/ml
Doxylamine	4.525	401563	13465.90	100.7	20403.20	1903411	9.6990 ng/ml
Duloxetine	5.638	8468	221.40	11.6	∞	45456	10.1984 ng/ml
EDDP	5.249	241078	2675.47	41.7	121463.18	1304595	9.6835 ng/ml
Etizolam	5.798	49568	716.20	26.8	331.07	184745	9.8210 ng/ml
Fentanyl	5.089	12738	211.56	94.4	646.04	792979	0.8889 ng/ml
Fluorofentanyl	5.143	36028		37.9	11201.03	6489	0.9822 ng/ml
Fluoxetine	5.698	98529		7.7	11134.45	365700	9.8081 ng/ml
Hydrocodone	3.005	70475	48.88	33.9	75.39	406734	9.8017 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	46696	530.84	74.9	294.89	147608	9.9919 ng/ml
Hydroxyzine	5.695	147755	441.10	73.9	16485.08	534782	9.5291 ng/ml
Ketamine	4.030	144427	2507.37	37.1	245.55	607600	10.1478 ng/ml
Lamotrigine	4.261	14461		81.7	54.50	2030780	9.9009 ng/ml
Lorazepam	5.731	108753	1848.05	48.6	175.40	756488	10.6661 ng/ml
MDA	3.177	217955	5217.74	30.8	976.69	701335	10.3346 ng/ml
MDMA	3.271	144928	6413.93	93.6	476.01	172585	9.7185 ng/ml
Meprobamate	4.882	50390	361.21	32.8	133.29	231738	10.2361 ng/ml
Methadone	5.644	320502	6350.29	47.0	2050.13	1232246	9.6941 ng/ml
Methamphetamine	3.198	314579	2415.71	39.5	375.74	1428873	10.0797 ng/ml
Metoprolol	4.307	41648	3157.68	103.4	1770.96	1633453	10.0849 ng/ml
Mirtazapine	4.614	306734	316.32	50.2	3742.84	985432	9.6126 ng/ml
Mitragynine	5.224	64265	629.21	32.1	573.34	1232246	10.1249 ng/ml
Morphine	1.247	8301	349.13	29.4	309.73	14872	9.7891 ng/ml
Norbuprenorphine	4.978	704	902.72	99.3	129.09	29500	1.0109 ng/ml
Nordiazepam	5.878	83708	1495.65	60.0	1560.37	283729	9.8218 ng/ml
Norfentanyl	4.064	33317	169.85	37.9	1597.51	1424982	0.9436 ng/ml
Norhydrocodone	3.046	15517	112.86	36.2	127.35	119342	9.1810 ng/ml
Noroxycodone	2.889	43167	558.46	47.9	106.56	164261	9.7000 ng/ml
O-desmethyl-tramadol	3.351	354071	237774.83	5.7	214.86	2081530	9.6947 ng/ml
o-desmethylvenlafaxine	4.056	404336	26533.60	19.2	326.05	431297	9.5386 ng/ml
Olanzapine	4.469	41576	99.38	51.0	106.30	102189	9.3994 ng/ml
Oxazepam	5.734	139277	406.30	76.2	389.51	756488	10.0674 ng/ml
Oxycodone	2.814	127115		27.8	479.48	469472	10.0273 ng/ml
Oxymorphone	1.398	38217		44.8	∞	132358	10.1487 ng/ml
Phentermine	3.753	71518	561.45	7.2	260.75	1045798	10.1846 ng/ml
Promethazine	5.535	230124	8577.87	32.1	1246.07	1043824	9.7626 ng/ml
Pseudoephedrine	2.562	381545	5738.34	17.1	1035.03	2030780	9.6924 ng/ml
Quetiapine	5.544	222958	844.04	53.6	74.73	296995	10.0178 ng/ml
Sertraline	5.767	21863	657.26	100.8	2665.01	102979	9.7172 ng/ml
Temazepam	5.795	226803	568.13	28.6	296.01	1098260	9.8117 ng/ml
Tramadol	4.226	650080	186.33	1.8	52.71	1633453	9.9220 ng/ml
Trazodone	5.149	280513	548.50	58.1	1948.04	887572	9.9007 ng/ml
Venlafaxine	5.023	314610	22165.24	36.2	978.15	1771648	9.7512 ng/ml
Xylazine	4.058	128434	303.77	43.0	128.06	479093	9.6887 ng/ml
Zolpidem	4.913	335192	1108.13	28.6	576.53	1362743	9.8412 ng/ml

AM #28 Multi-Drug Quant. Results

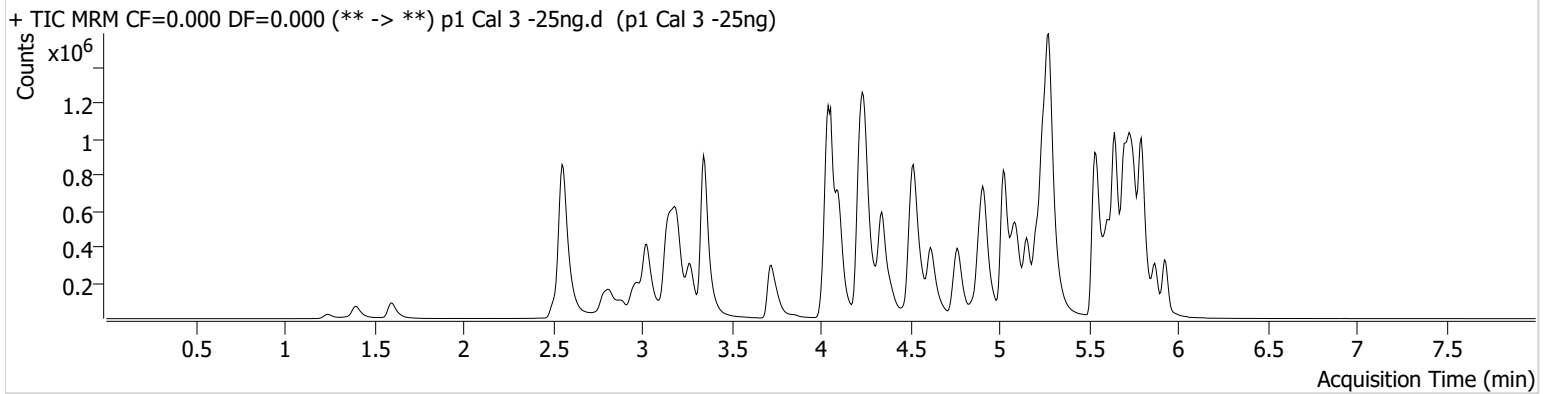


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Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C1 **Comment**
Injection Volume 2
Acq. Date-Time 12/8/2023 11:20:15 PM
Sample Info.

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	3.119	7343	163.23	77.5	10033.98	92187	2.4641 ng/ml
7-aminoclonazepam	4.238	138859	7835.62	78.6	129.77	227793	26.2414 ng/ml
a-hydroxyalprazolam	5.676	67797	1448.95	72.1	281.13	131645	24.0324 ng/ml
alpha-PHP	4.922	140372		265.0	17831.66	896032	26.1545 ng/ml
alpha-PVP	4.350	563598	29003.84	47.8	11810.74	896032	24.1321 ng/ml
Alprazolam	5.753	259278	940.46	119.9	950.13	490363	23.0983 ng/ml
Amphetamine	3.029	698773	769.39	47.5	689.44	431514	25.1133 ng/ml
Benzoylcegonine	3.857	11802	578.98	36.4	220.23	16706	24.6229 ng/ml
Bromazolam	5.791	109726	746.21	112.2	530.41	222360	25.8959 ng/ml
Buprenorphine	5.838	13157	249.86	15.0	1095.57	185664	2.4415 ng/ml
Bupropion	4.772	479883	22420.08	68.8	8397.55	611039	24.6029 ng/ml
Carisoprodol	5.708	242659	402.55	60.3	1697.75	441648	24.8538 ng/ml
Citalopram	5.213	398336	536.17	35.8	64794.77	737193	24.1150 ng/ml
Clonazepam	5.588	318906	4548.01	34.7	3104.14	170591	25.8284 ng/ml
Clonazolam	5.532	211289	15502.24	34.2	∞	170591	25.7819 ng/ml
Cocaine	4.244	365180	18761.93	50.9	153304.37	1189956	24.6010 ng/ml
Codeine	2.566	42055	2675.71	108.8	∞	99094	26.3222 ng/ml
Cyclobenzaprine	5.618	316701	13234.45	9.5	50.79	573485	23.6214 ng/ml
Dextromethorphan	5.256	269670	2410.94	84.7	3043.86	499066	24.6792 ng/ml
Dextrorphan	4.104	182082	791.18	207.0	11703.35	811091	24.7668 ng/ml
Diazepam	5.932	180240	989.63	89.6	328.45	338264	25.2023 ng/ml
Dihydrocodeine	2.538	121896	19111.94	61.0	3920.76	279415	26.2998 ng/ml
Diphenhydramine	5.284	1099468	60017.72	28.8	5228.49	2122748	23.8507 ng/ml
Doxylamine	4.525	941660	21197.79	98.9	44289.84	1733743	23.7666 ng/ml
Duloxetine	5.638	21872	341.84	12.6	60.18	49617	23.9974 ng/ml
EDDP	5.249	556661	341.20	42.3	659.25	1199989	23.7878 ng/ml
Etizolam	5.798	115375	117229.64	27.6	1994.74	170591	23.8975 ng/ml
Fentanyl	5.089	33523	288.32	82.4	∞	771015	2.4215 ng/ml
Fluorofentanyl	5.143	89348	308.42	38.9	2387.39	6065	2.6006 ng/ml
Fluoxetine	5.698	258675	344.92	7.2	1066.85	361406	25.8703 ng/ml
Hydrocodone	3.005	166701		31.9	103.20	366668	26.5828 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	103611		74.7	699.86	131724	24.8910 ng/ml
Hydroxyzine	5.702	356498	7470.18	75.4	10580.19	499066	23.8880 ng/ml
Ketamine	4.030	327112	464.45	37.7	406.79	549788	26.3860 ng/ml
Lamotrigine	4.261	33691	1897.97	83.5	876.57	1831997	25.9246 ng/ml
Lorazepam	5.731	240457		49.7	317.52	660191	28.4014 ng/ml
MDA	3.177	497835	6804.87	31.7	3319.15	638035	26.9204 ng/ml
MDMA	3.271	342573	31731.89	93.8	8586.36	160774	24.3063 ng/ml
Meprobamate	4.882	115496	645.02	32.3	549.67	207621	27.8251 ng/ml
Methadone	5.643	750348	40403.62	47.7	16095.65	1148683	23.4889 ng/ml
Methamphetamine	3.198	731634	5982.90	39.3	377.59	1310575	26.8284 ng/ml
Metoprolol	4.307	97828	2686.60	104.0	∞	1506337	26.4086 ng/ml
Mirtazapine	4.614	717567	10555.71	50.6	516.21	896032	23.7994 ng/ml
Mitragynine	5.224	153118	583.26	33.0	65828.57	1148683	26.6973 ng/ml
Morphine	1.247	18911	309.41	29.9	∞	12746	26.2051 ng/ml
Norbuprenorphine	4.978	1408	71.20	112.5	375.31	25355	2.4441 ng/ml
Nordiazepam	5.878	197122		59.0	1383.80	260712	25.1468 ng/ml
Norfentanyl	4.064	78953	9424.33	37.2	408.32	1280954	2.3936 ng/ml
Norhydrocodone	3.046	40204	338.52	36.6	80.60	105178	24.1885 ng/ml
Noroxycodone	2.890	97169	175.91	48.6	128.69	146373	25.1800 ng/ml
O-desmethyl-tramadol	3.351	818731	55331.31	5.7	460.94	1897017	23.9055 ng/ml
o-desmethylvenlafaxine	4.056	944023	75079.16	19.5	980.63	385058	23.5223 ng/ml
Olanzapine	4.469	95167	273.73	52.6	3336.61	80821	27.2861 ng/ml
Oxazepam	5.734	322126	695.31	72.1	282.59	660191	26.6426 ng/ml
Oxycodone	2.821	295322	459.65	27.9	∞	429299	26.0302 ng/ml
Oxymorphone	1.398	91746		47.6	∞	129744	25.0488 ng/ml
Phentermine	3.760	162009	715.66	7.4	457.46	963865	25.6373 ng/ml
Promethazine	5.535	575030	14596.41	32.3	2103.35	1023547	23.9477 ng/ml
Pseudoephedrine	2.562	856669	8179.44	17.8	13165.19	1831997	23.4598 ng/ml
Quetiapine	5.551	516740	11555.23	53.9	6461.80	275581	25.5032 ng/ml
Sertraline	5.767	60195	232.22	97.9	88581.04	110459	24.7433 ng/ml
Temazepam	5.795	512223	536.95	28.4	1400.47	956844	24.9516 ng/ml
Tramadol	4.226	1509666	242.75	1.7	72.71	1506337	25.2063 ng/ml
Trazodone	5.156	673034	13714.27	58.4	1394.64	839409	26.0424 ng/ml
Venlafaxine	5.030	721979	14195.74	36.1	221.95	1613481	23.9457 ng/ml
Xylazine	4.058	299021	17117.35	43.2	1179.39	431477	24.7717 ng/ml
Zolpidem	4.913	789772	720.03	27.8	1741.38	1243016	25.6240 ng/ml



AM #28 Multi-Drug Quant. Results

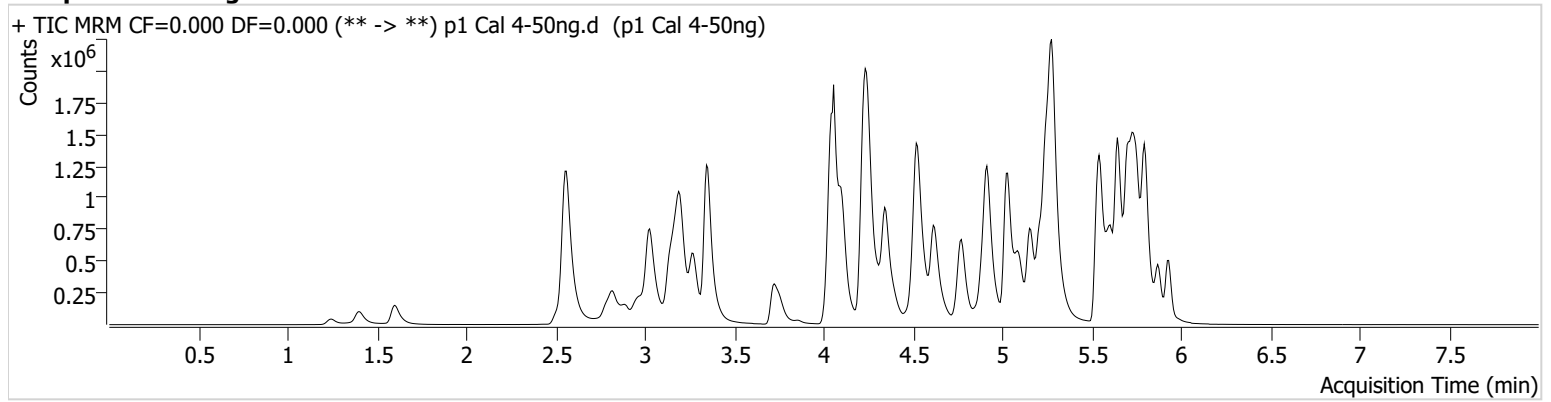
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Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D1
Injection Volume 2
Acq. Date-Time 12/8/2023 11:30:52 PM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
Operator Celena Shrum

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	14809	938.32	74.7	515.93	95755	4.7289 ng/ml
7-aminoclonazepam	4.245	280220	1967.11	79.6	307.00	235993	51.2921 ng/ml
a-hydroxyalprazolam	5.676	143909	950.96	67.3	943.16	137959	48.5231 ng/ml
alpha-PHP	4.922	292736	4395.98	262.9	40681.00	926410	53.3795 ng/ml
alpha-PVP	4.350	1186833	77595.33	48.3	9114.22	926410	48.7730 ng/ml
Alprazolam	5.753	542591	3337.77	120.1	2175.07	502160	46.3058 ng/ml
Amphetamine	3.029	1554544	1318.61	44.9	2255.32	448133	54.8525 ng/ml
Benzoylcegonine	3.857	26227	1448.16	35.6	829.91	18988	48.4988 ng/ml
Bromazolam	5.791	215781	1297.52	119.6	1578.12	224201	50.7157 ng/ml
Buprenorphine	5.838	24922	242.69	15.6	66.19	186569	4.5211 ng/ml
Bupropion	4.772	1028652	1134833.60	68.8	12781.38	644464	49.7958 ng/ml
Carisoprodol	5.708	497637	12439.46	59.8	236.38	436487	51.6833 ng/ml
Citalopram	5.213	803170	11563.78	35.9	2411.46	750159	47.2597 ng/ml
Clonazepam	5.588	645919	1221.75	34.5	165460.97	170799	52.6354 ng/ml
Clonazolam	5.532	442992	17710.33	33.2	10997.58	170799	54.6293 ng/ml
Cocaine	4.251	769863	27573.51	51.5	18453.63	1239139	49.7943 ng/ml
Codeine	2.566	86332	4151.09	106.9	86019.91	101125	53.3234 ng/ml
Cyclobenzaprine	5.618	528000	26500.34	9.4	39.43	483344	46.1724 ng/ml
Dextromethorphan	5.256	530038	2424.53	82.0	397.30	495938	48.5884 ng/ml
Dextrorphan	4.104	372010	9585.52	212.9	78258.43	846135	48.3718 ng/ml
Diazepam	5.932	379412	2612.39	90.0	2396.97	358508	49.9593 ng/ml
Dihydrocodeine	2.538	253836	811.28	61.1	476.98	291551	53.1295 ng/ml
Diphenhydramine	5.284	2233403	42692.87	29.1	86508.37	2120777	47.9169 ng/ml
Doxylamine	4.525	2025548	34504.14	98.3	39236.70	1852991	47.0591 ng/ml
Duloxetine	5.638	33067	2028.77	11.3	143.63	36107	49.7493 ng/ml
EDDP	5.249	1115219	43127.70	43.2	26967.72	1183735	47.9554 ng/ml
Etizolam	5.798	232649	865.03	27.7	1021.65	170799	47.5567 ng/ml
Fentanyl	5.089	58733	293.26	83.6	203.11	701737	4.6698 ng/ml
Fluorofentanyl	5.150	151787	587.13	39.7	∞	5085	5.2661 ng/ml
Fluoxetine	5.698	371866	520.44	7.7	∞	265128	50.5884 ng/ml
Hydrocodone	3.005	347018		31.4	145.48	382671	53.5521 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	230760	437.65	75.2	408.54	147076	49.6815 ng/ml
Hydroxyzine	5.702	662355	81565.26	76.5	22205.16	495938	44.2518 ng/ml
Ketamine	4.037	680800	59669.13	37.2	676.20	576387	53.0275 ng/ml
Lamotrigine	4.267	68845	579.48	86.7	4209.46	1892792	51.4921 ng/ml
Lorazepam	5.724	426560		51.2	326.21	646423	52.1856 ng/ml
MDA	3.177	976278	18819.75	31.6	19103.95	646080	52.7379 ng/ml
MDMA	3.271	710808	39001.22	93.6	13456.36	167533	48.1707 ng/ml
Meprobamate	4.882	233265	4195.79	33.3	3617.90	216631	54.8442 ng/ml
Methadone	5.643	1513474	30782.04	46.4	33111.17	1137976	47.2356 ng/ml
Methamphetamine	3.198	1515999	15603.91	40.0	308.13	1389171	53.2346 ng/ml
Metoprolol	4.307	204549	1748.26	104.8	551.87	1567530	53.5323 ng/ml
Mirtazapine	4.621	1482423	36381.89	50.6	32097.84	926410	46.9636 ng/ml
Mitragynine	5.224	289122	5042.10	32.4	620.21	1137976	51.3613 ng/ml
Morphine	1.247	41668	1123.48	30.2	522.48	14503	50.8515 ng/ml
Norbuprenorphine	4.985	2871	123.47	97.9	4133.20	27680	4.6253 ng/ml
Nordiazepam	5.878	404281		59.4	∞	267670	50.2179 ng/ml
Norfentanyl	4.064	161390	5144.88	37.4	1199.04	1297610	4.7717 ng/ml
Norhydrocodone	3.046	78613	361.32	36.7	152.62	107333	45.0243 ng/ml
Noroxycodone	2.889	197878		47.2	∞	154204	49.0874 ng/ml
O-desmethyl-tramadol	3.351	1752259	137123.49	5.7	1317.29	2006518	47.9099 ng/ml
o-desmethylvenlafaxine	4.056	1989165	62476.61	19.2	2334.40	395298	47.3533 ng/ml
Olanzapine	4.469	192191		53.3	2897.25	82484	54.0365 ng/ml
Oxazepam	5.734	596375	455.17	75.2	2186.24	646423	50.3555 ng/ml
Oxycodone	2.814	594660		28.0	436.47	447258	50.6452 ng/ml
Oxymorphone	1.398	192276		44.0	1584.59	132781	51.4355 ng/ml
Phentermine	3.760	346793	1286.52	7.0	144.96	1011491	52.7260 ng/ml
Promethazine	5.535	960068	48590.94	32.8	∞	865629	46.6918 ng/ml
Pseudoephedrine	2.562	1782463		17.2	7154.18	1892792	46.7930 ng/ml
Quetiapine	5.551	1028532	47377.86	56.2	10512.80	276602	50.8906 ng/ml
Sertraline	5.767	82667	1032.56	97.8	6127.97	74687	50.1248 ng/ml
Temazepam	5.801	1002254	484.53	28.7	829.08	958688	48.4395 ng/ml
Tramadol	4.226	3218675	155.40	1.7	387.90	1567530	51.7952 ng/ml
Trazodone	5.156	1283953	606.27	57.8	558.54	793168	53.1906 ng/ml
Venlafaxine	5.030	1517387		35.8	8355.12	1711369	47.0444 ng/ml
Xylazine	4.058	607785	31062.34	44.8	2734.37	440327	49.1666 ng/ml
Zolpidem	4.913	1665434		27.7	6441.35	1310318	51.3877 ng/ml

AM #28 Multi-Drug Quant. Results

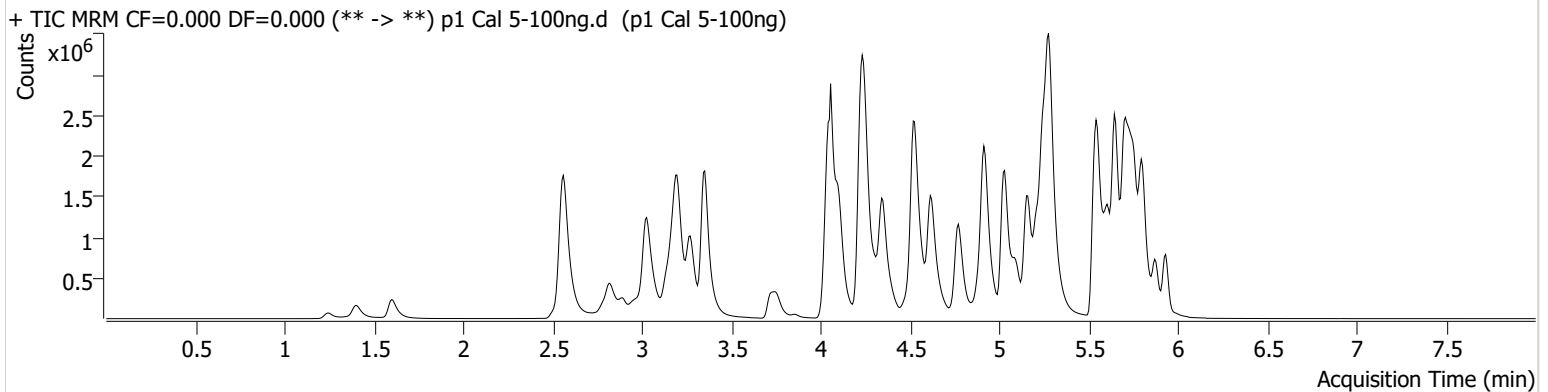


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Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 12/8/2023 11:41:30 PM
Sample Info.

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	3.119	30242	35616.76	73.6	161631.07	90982	10.0959 ng/ml
7-aminoclonazepam	4.238	499687	3196.49	79.8	126.49	205790	105.0822 ng/ml
a-hydroxyalprazolam	5.676	247111	1231.92	69.7	1025.36	117243	97.8882 ng/ml
alpha-PHP	4.922	559369	34947.95	260.7	21585.63	900875	105.4828 ng/ml
alpha-PVP	4.350	2296412	51622.96	48.2	51630.69	900875	96.6850 ng/ml
Alprazolam	5.753	1022228	1684.90	116.1	1986.40	444050	97.6838 ng/ml
Amphetamine	3.029	2681669	28434.20	45.1	1116.49	430293	99.2825 ng/ml
Benzoylcegonine	3.857	46911	1794.42	37.3	1401.16	16159	102.3426 ng/ml
Bromazolam	5.791	386851	879.95	120.3	1181.02	196323	104.0635 ng/ml
Buprenorphine	5.838	54256	2346.85	15.5	3738.18	191738	9.4743 ng/ml
Bupropion	4.772	2011028		68.6	34522.06	622822	100.5295 ng/ml
Carisoprodol	5.708	829473	706.37	59.1	369.51	370086	101.7035 ng/ml
Citalopram	5.213	1574908	24677.82	36.9	341910.61	711555	97.1285 ng/ml
Clonazepam	5.588	1146579	2868.61	34.9	10444.44	152712	104.8719 ng/ml
Clonazolam	5.532	766483	1583.28	34.0	4289.44	152712	106.2648 ng/ml
Cocaine	4.244	1478024		50.4	1764889.08	1187272	99.7639 ng/ml
Codeine	2.566	151715	6923.37	109.0	20518.17	90644	104.8978 ng/ml
Cyclobenzaprine	5.619	1273383	85503.98	9.2	197.69	565458	94.5836 ng/ml
Dextromethorphan	5.256	1085857		78.5	30327.37	484578	101.6217 ng/ml
Dextrorphan	4.104	713491	11866.26	212.2	2013624.55	804126	97.4790 ng/ml
Diazepam	5.932	701789	38228.97	89.1	3399.01	329051	100.5807 ng/ml
Dihydrocodeine	2.538	486555	22979.40	60.6	2469.92	279367	106.9260 ng/ml
Diphenhydramine	5.284	4455942	117340.80	29.2	44049.48	2058847	97.8870 ng/ml
Doxylamine	4.525	4018929	45012.73	94.4	21859.97	1777196	96.5362 ng/ml
Duloxetine	5.638	83169	2303.56	12.5	493.98	44133	102.2671 ng/ml
EDDP	5.249	2239627	27383.89	42.1	12792.37	1153929	98.4278 ng/ml
Etizolam	5.798	430241	2044.21	27.7	1673.89	152712	97.7611 ng/ml
Fentanyl	5.089	132741	4041.26	82.5	563.93	769195	9.6382 ng/ml
Fluorofentanyl	5.150	349356	15030.95	39.5	1185.09	6059	10.1696 ng/ml
Fluoxetine	5.698	923518	464.12	7.5	3417.39	331983	100.2244 ng/ml
Hydrocodone	3.005	611968		33.8	423.81	362490	100.1556 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	408595	403.76	75.1	362.17	128946	100.3688 ng/ml
Hydroxyzine	5.702	1423313	38538.04	79.9	17048.45	484578	96.7540 ng/ml
Ketamine	4.030	1266957	854.30	37.4	4896.40	553555	103.3684 ng/ml
Lamotrigine	4.267	130143	2750.00	85.5	7607.72	1735297	106.4127 ng/ml
Lorazepam	5.731	667132		49.8	871.14	522159	101.8822 ng/ml
MDA	3.177	1732228	27459.11	30.6	23437.68	586202	103.7475 ng/ml
MDMA	3.271	1373871	54525.06	95.0	34126.98	154470	100.7273 ng/ml
Meprobamate	4.882	415881	583.57	32.4	3603.29	201706	105.9769 ng/ml
Methadone	5.644	3077173	87226.68	46.6	57937.65	1137706	95.4749 ng/ml
Methamphetamine	3.198	2958771	27586.27	39.4	34784.75	1344220	108.2128 ng/ml
Metoprolol	4.307	389626	19408.53	104.7	∞	1499768	107.0369 ng/ml
Mirtazapine	4.621	2941003	57218.46	50.7	52052.97	900875	95.1965 ng/ml
Mitragynine	5.224	608338	87167.82	33.2	275217.47	1137706	108.6757 ng/ml
Morphine	1.247	73510	738.09	30.3	266.39	13095	99.4621 ng/ml
Norbuprenorphine	4.985	5852	145.99	97.4	4223.33	26549	9.9067 ng/ml
Nordiazepam	5.878	746146	3940.45	59.7	4318.27	245257	101.1371 ng/ml
Norfentanyl	4.064	288002	18032.01	37.5	4562.22	1132565	9.6959 ng/ml
Norhydrocodone	3.046	158980	919.42	37.8	∞	97759	98.2064 ng/ml
Noroxycodone	2.890	363189		47.7	∞	144336	96.6819 ng/ml
O-desmethyl-tramadol	3.351	3399811	227443.23	5.8	8317.24	1915739	96.8969 ng/ml
o-desmethylvenlafaxine	4.056	3689361	171264.67	19.2	2832.68	345360	99.5380 ng/ml
Olanzapine	4.469	397065	16807.85	54.3	14070.45	92038	100.0876 ng/ml
Oxazepam	5.734	979274	7216.56	73.2	714.36	522159	102.3399 ng/ml
Oxycodone	2.814	1131770	443.59	28.1	∞	427509	101.1984 ng/ml
Oxymorphone	1.398	356985		45.8	576.82	126356	100.4801 ng/ml
Phentermine	3.760	652624		7.2	252.13	968978	103.9775 ng/ml
Promethazine	5.535	2334627	45531.14	33.3	11725.65	1009528	96.7055 ng/ml
Pseudoephedrine	2.562	3384649		17.0	∞	1735297	96.4403 ng/ml
Quetiapine	5.551	2021932	27506.34	56.8	814.88	274292	101.2011 ng/ml
Sertraline	5.767	211992	2860.80	97.8	14053.90	95856	100.0276 ng/ml
Temazepam	5.801	1705338		28.5	732.35	784500	100.3931 ng/ml
Tramadol	4.226	6186812	281.35	1.7	∞	1499768	104.2033 ng/ml
Trazodone	5.156	2697092	216515.84	59.9	65468.28	858303	103.8200 ng/ml
Venlafaxine	5.030	2992799	128093.11	35.7	10876.28	1650962	95.7527 ng/ml
Xylazine	4.058	1153059	40416.26	46.7	1145.59	411496	99.6330 ng/ml
Zolpidem	4.913	3250612	175995.61	28.0	61480.25	1276403	103.0929 ng/ml



AM #28 Multi-Drug Quant. Results

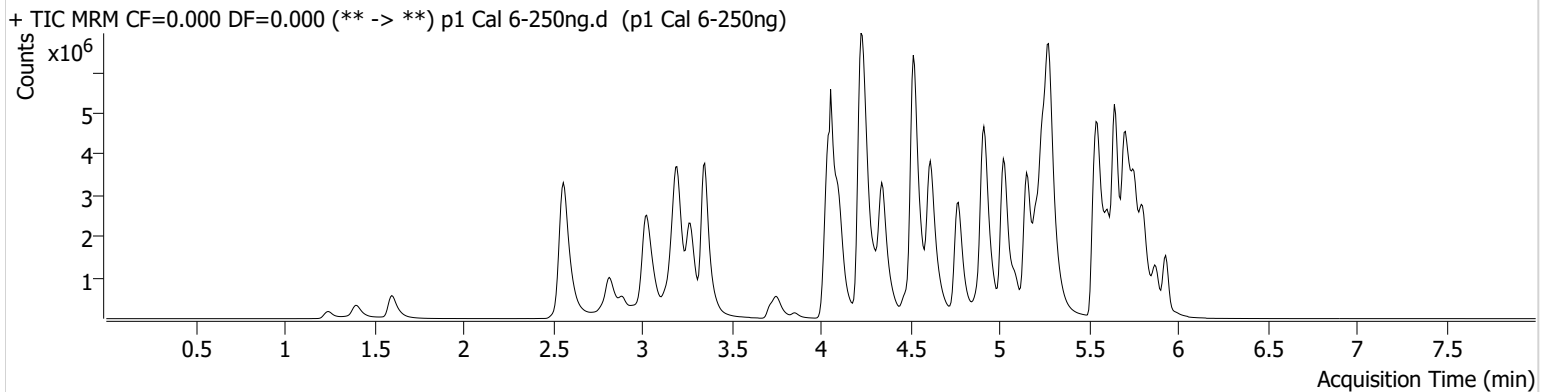
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Sample Position P2-F1
Injection Volume 2
Acq. Date-Time 12/8/2023 11:52:08 PM
Sample Info.

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

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	77492	69487.79	76.2	59476.45	92582	25.3327 ng/ml
7-aminoclonazepam	4.238	994451	9816.25	79.9	1642.25	176702	243.8006 ng/ml
a-hydroxyalprazolam	5.676	487227		69.6	1567.96	88384	255.7806 ng/ml
alpha-PHP	4.915	1350521		256.2	24909.55	902689	255.0277 ng/ml
alpha-PVP	4.350	5897968	51721.20	49.4	97849.76	902689	247.2507 ng/ml
Alprazolam	5.753	2331909		112.6	1325.52	378488	259.9966 ng/ml
Amphetamine	3.029	5961587	6461.97	44.9	8043.74	430988	221.4847 ng/ml
Benzoylcegonine	3.857	147917	5578.95	36.3	5604.56	20955	249.3832 ng/ml
Bromazolam	5.791	752088		122.8	1254.63	160659	247.5247 ng/ml
Buprenorphine	5.838	130992	1236.16	14.9	132.19	182493	23.8916 ng/ml
Bupropion	4.772	5347199	217017.33	68.0	∞	656517	253.2786 ng/ml
Carisoprodol	5.708	1488844	159236.78	60.9	538.50	272317	248.2403 ng/ml
Citalopram	5.206	3695721	96493.37	35.9	478532.13	639204	252.8632 ng/ml
Clonazepam	5.588	2176061	2863.04	33.8	7777.20	117986	258.1621 ng/ml
Clonazolam	5.532	1423512	978.46	35.6	1803.08	117986	256.2623 ng/ml
Cocaine	4.244	3574189		51.0	∞	1162876	246.2975 ng/ml
Codeine	2.566	335696	7159.12	103.3	22590.93	82001	257.1028 ng/ml
Cyclobenzaprine	5.618	2762002	42827.84	8.6	495.87	466995	247.4899 ng/ml
Dextromethorphan	5.256	2363811	29955.92	77.5	26291.04	434423	246.4333 ng/ml
Dextrorphan	4.104	1672887	502567.81	214.1	∞	741019	247.8035 ng/ml
Diazepam	5.932	1641440	15687.32	89.3	∞	305512	253.2282 ng/ml
Dihydrocodeine	2.538	1131593	529.93	62.3	8763.54	289721	240.5950 ng/ml
Diphenhydramine	5.277	10753285	193877.21	29.0	19493.32	1899962	255.0776 ng/ml
Doxylamine	4.518	11229948	96759.24	95.4	93953.01	1820657	261.9882 ng/ml
Duloxetine	5.638	142347	1655.70	13.0	253.48	30806	250.6091 ng/ml
EDDP	5.242	5333559	95258.44	42.0	54560.59	1080042	249.9036 ng/ml
Etizolam	5.798	948571	821.46	28.8	1560.48	117986	277.9284 ng/ml
Fentanyl	5.089	327413	955.22	80.4	3258.78	735767	24.8677 ng/ml
Fluorofentanyl	5.143	812641	33743.80	39.4	10143.97	5973	23.9892 ng/ml
Fluoxetine	5.705	1547317	326.49	7.5	148.12	233492	238.6000 ng/ml
Hydrocodone	2.998	1527329		36.9	164.87	369226	246.1764 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	1123190	229.14	75.2	265.87	141695	251.1286 ng/ml
Hydroxyzine	5.702	3295006	116244.03	81.2	88778.08	434423	249.1004 ng/ml
Ketamine	4.030	2909236	34382.18	36.9	21511.20	546745	241.1837 ng/ml
Lamotrigine	4.267	272118	19233.31	87.3	18043.93	1580629	244.5615 ng/ml
Lorazepam	5.724	833527		49.1	957.43	295962	225.6629 ng/ml
MDA	3.170	3371784	79348.69	31.2	79428.75	499758	237.7017 ng/ml
MDMA	3.271	3389810	47650.96	95.2	21824.14	152418	251.5287 ng/ml
Meprobamate	4.875	847556	16875.05	32.2	4199.45	185023	236.7368 ng/ml
Methadone	5.644	7926746	131531.82	42.1	53876.69	1050660	265.3025 ng/ml
Methamphetamine	3.198	7374959	59408.52	38.3	31032.20	1408683	258.5251 ng/ml
Metoprolol	4.307	904501	94012.12	104.4	∞	1578311	236.6783 ng/ml
Mirtazapine	4.614	7712255		48.8	30241.90	902689	248.1761 ng/ml
Mitragynine	5.224	1289185	666.31	33.3	19821.75	1050660	250.0663 ng/ml
Morphine	1.247	209374	553.74	29.9	210.49	14853	249.9421 ng/ml
Norbuprenorphine	4.978	14570	19751.20	97.4	6577.31	26222	25.0797 ng/ml
Nordiazepam	5.878	1550019	529.46	59.8	∞	199337	258.4741 ng/ml
Norfentanyl	4.064	594895	667.72	38.3	864.38	887239	25.4715 ng/ml
Norhydrocodone	3.046	377250	8900.20	37.9	193.06	93730	240.9234 ng/ml
Noroxycodone	2.889	836110	175.46	47.1	∞	126509	254.6608 ng/ml
O-desmethyl-tramadol	3.351	9138622	248020.80	5.7	9232.34	1934662	257.1612 ng/ml
o-desmethylvenlafaxine	4.056	8338729	183793.35	19.2	5464.92	311932	247.7631 ng/ml
Olanzapine	4.469	1014313	30563.20	53.8	22322.13	94066	250.2278 ng/ml
Oxazepam	5.734	1335685	14312.33	73.0	436.02	295962	246.2370 ng/ml
Oxycodone	2.814	2927366		27.9	∞	446751	251.0101 ng/ml
Oxymorphone	1.398	890432		42.9	1140.02	120644	262.7112 ng/ml
Phentermine	3.760	1520315		6.9	800.64	950923	247.3891 ng/ml
Promethazine	5.535	5240944		32.8	19683.58	873499	249.9411 ng/ml
Pseudoephedrine	2.562	8178118	7794.20	16.7	4860.97	1580629	255.0879 ng/ml
Quetiapine	5.551	4796960	103051.17	58.0	43733.76	269689	244.6480 ng/ml
Sertraline	5.767	336948	6743.81	97.3	668498.24	60771	250.5827 ng/ml
Temazepam	5.801	2954376		28.1	3275.71	544085	250.3219 ng/ml
Tramadol	4.226	15560729	281.12	1.8	∞	1578311	249.2457 ng/ml
Trazodone	5.149	6215899	314297.48	63.9	46557.57	845064	243.8256 ng/ml
Venlafaxine	5.023	7937111	170022.42	34.1	2341.81	1651995	253.1049 ng/ml
Xylazine	4.058	2693899	163835.59	49.9	∞	381078	251.0889 ng/ml
Zolpidem	4.913	8320666	356826.06	27.4	49191.26	1333283	252.8174 ng/ml



AM #28 Multi-Drug Quant. Results

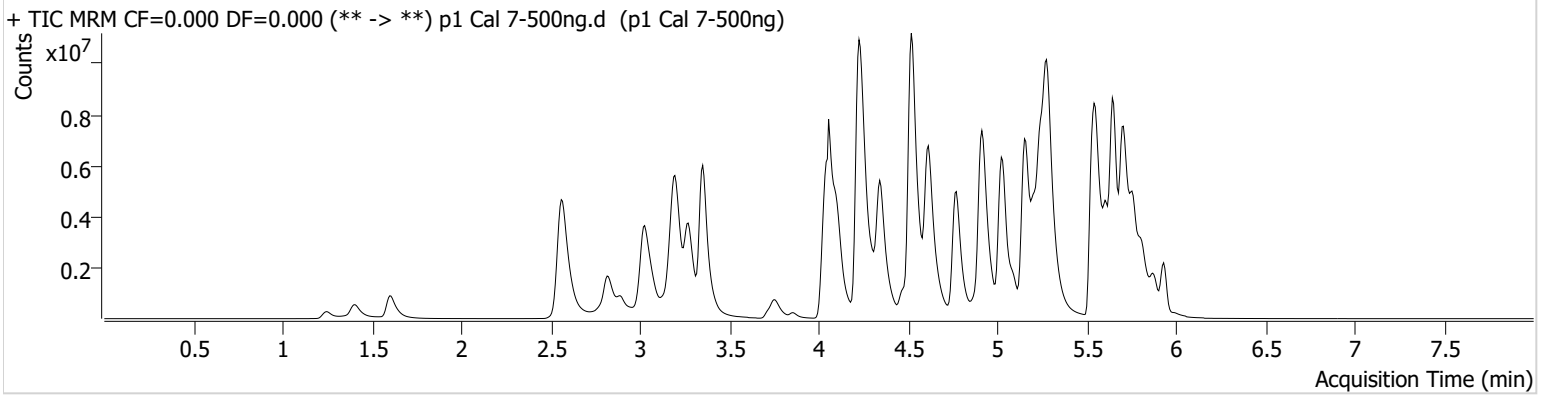
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Sample Position P2-G1
Injection Volume 2
Acq. Date-Time 12/9/2023 12:02:46 AM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Celena Shrum

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	136339	246.07	73.2	103292.02	81015	50.8740 ng/ml
7-aminoclonazepam	4.238	1250508		75.6	5280.12	118468	457.4396 ng/ml
a-hydroxyalprazolam	5.676	556828		68.0	1630.63	51129	505.1715 ng/ml
alpha-PHP	4.922	2211101	35024.23	259.6	∞	783272	481.7386 ng/ml
alpha-PVP	4.343	10593150	185210.82	49.3	66215.28	783272	511.3929 ng/ml
Alprazolam	5.753	3306573	2713.68	111.7	∞	261461	532.7730 ng/ml
Amphetamine	3.029	8727108	327509.84	44.6	∞	387751	360.9630 ng/ml
Benzoylcegonine	3.857	247147	11047.90	34.6	44160.22	17349	503.6826 ng/ml
Bromazolam	5.791	989112	350.83	126.3	∞	107826	485.2509 ng/ml
Buprenorphine	5.838	264180	926.11	15.0	2370.64	166734	52.6270 ng/ml
Bupropion	4.772	9887907	178526.82	67.8	213548.53	605696	507.4524 ng/ml
Carisoprodol	5.715	1454040	39283.76	63.3	530.30	137961	478.6342 ng/ml
Citalopram	5.206	6028861	76717.99	35.9	38420.67	504894	521.6612 ng/ml
Clonazepam	5.588	2419370		34.1	3160.26	71363	474.8662 ng/ml
Clonazolam	5.532	1548880	6779.67	36.8	1039.91	71363	461.4666 ng/ml
Cocaine	4.244	6042440	147348.39	50.6	47359.92	966127	501.1702 ng/ml
Codeine	2.566	505457	4349.99	101.9	10952.89	66491	477.7383 ng/ml
Cyclobenzaprine	5.612	6288444	95277.72	7.9	31257.53	494936	531.0182 ng/ml
Dextromethorphan	5.256	3880449	94041.57	77.4	125440.87	347482	505.5241 ng/ml
Dextrorphan	4.104	2756729	18708.16	216.4	132680.29	591321	511.5819 ng/ml
Diazepam	5.932	2487100	11953.81	89.8	6362.92	235373	497.9306 ng/ml
Dihydrocodeine	2.538	1844628	75785.10	63.0	15195.70	262733	432.9991 ng/ml
Diphenhydramine	5.284	18467634	169482.71	29.1	138123.23	1572966	528.5367 ng/ml
Doxylamine	4.518	20996603		94.1	348364.43	1652388	538.9107 ng/ml
Duloxetine	5.638	342819	1584.22	12.9	∞	36624	507.5753 ng/ml
EDDP	5.242	9823090	73361.95	41.3	126450.80	955445	519.9083 ng/ml
Etizolam	5.798	1464297	4942.93	28.2	4700.09	71363	708.4569 ng/ml
Fentanyl	5.089	783368	21070.24	77.6	∞	823160	53.1920 ng/ml
Fluorofentanyl	5.143	1837605	26634.67	40.6	18606.45	6465	50.1203 ng/ml
Fluoxetine	5.705	3919515	38668.96	7.3	25147.91	276097	511.0051 ng/ml
Hydrocodone	2.998	2705675		38.0	296.22	345320	466.7703 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	1901617	171.40	75.4	185.78	120634	499.4354 ng/ml
Hydroxyzine	5.702	6349726	180170.69	82.7	178394.88	347482	599.4764 ng/ml
Ketamine	4.023	4589574	1508.86	36.0	1878.69	465310	447.6383 ng/ml
Lamotrigine	4.267	394771	18514.16	87.3	12223.72	1235775	453.9935 ng/ml
Lorazepam	5.724	750346		50.5	2020.58	134202	448.8872 ng/ml
MDA	3.170	4706738	33845.96	30.2	48186.25	375648	441.9908 ng/ml
MDMA	3.271	5757130	63996.04	96.1	263025.06	127857	509.0141 ng/ml
Meprobamate	4.875	1161211	40084.13	32.8	26199.39	149583	401.9237 ng/ml
Methadone	5.650	14541016	151468.14	40.5	166991.26	953675	535.5911 ng/ml
Methamphetamine	3.198	12744492	176965.57	37.6	95716.15	1308690	481.5968 ng/ml
Metoprolol	4.307	1391975	1261.35	106.0	∞	1320945	435.5903 ng/ml
Mirtazapine	4.614	14289327	138063.49	48.2	818973.37	783272	529.2544 ng/ml
Mitragynine	5.217	2242446	71810.52	34.4	22959.74	953675	479.6897 ng/ml
Morphine	1.247	345689	1492.82	29.9	∞	12147	504.6972 ng/ml
Norbuprenorphine	4.978	27669	14996.66	94.7	136.11	25331	49.3679 ng/ml
Nordiazepam	5.878	2090211		60.6	6420.97	139343	498.6077 ng/ml
Norfentanyl	4.064	803968	31556.72	38.7	3793.78	589021	51.7923 ng/ml
Norhydrocodone	3.046	668200	5645.77	39.9	∞	77028	517.5945 ng/ml
Noroxycodone	2.889	1391935	152.35	47.6	170.78	106746	502.8759 ng/ml
O-desmethyl-tramadol	3.351	16637170	930127.54	5.7	22404.98	1705241	530.6777 ng/ml
o-desmethylvenlafaxine	4.056	12656644	209294.61	18.8	7140.45	223902	522.9307 ng/ml
Olanzapine	4.469	1987993	37276.33	56.1	32716.32	97288	474.2282 ng/ml
Oxazepam	5.734	1216235	192.74	72.7	14571.42	134202	494.4514 ng/ml
Oxycodone	2.814	5236895	342.13	28.2	405.04	407162	493.0501 ng/ml
Oxymorphone	1.405	1585873		47.6	∞	119868	471.0281 ng/ml
Phentermine	3.760	2462910	12057.47	6.8	∞	854473	446.3406 ng/ml
Promethazine	5.528	13189999	165495.81	30.9	54227.99	1014076	541.1311 ng/ml
Pseudoephedrine	2.569	13219080		16.3	∞	1235775	526.9097 ng/ml
Quetiapine	5.551	7825402	39300.12	59.7	28845.21	216000	498.6330 ng/ml
Sertraline	5.767	998014	40232.66	96.0	53143.13	88615	508.8701 ng/ml
Temazepam	5.808	3442045	10761.79	28.3	9425.99	306610	517.1988 ng/ml
Tramadol	4.226	26785219	266.89	1.7	281.60	1320945	512.7792 ng/ml
Trazodone	5.159	12236990		67.9	55638.87	901337	450.5503 ng/ml
Venlafaxine	5.023	14520419	564559.41	32.6	7975.44	1426911	535.6194 ng/ml
Xylazine	4.051	4673704	191729.56	50.3	14750.90	325033	510.5533 ng/ml
Zolpidem	4.913	14543199	655661.66	26.8	90556.17	1171083	503.2143 ng/ml

AM #28 Multi-Drug Quant. Results



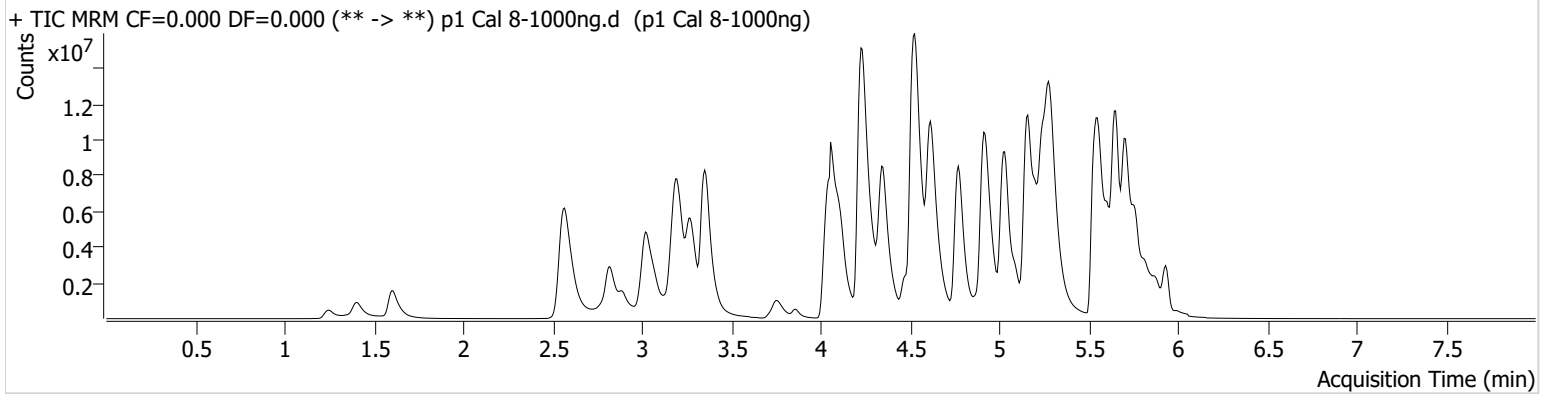
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Calibration Last Update 12/12/2023 1:29:48 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H1
Injection Volume 2
Acq. Date-Time 12/9/2023 12:13:22 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Celena Shrum

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	249356	1216.55	71.9	32245.19	72168	104.3890 ng/ml
7-aminoclonazepam	4.245	1209083		81.2	4966.82	68310	767.1662 ng/ml
a-hydroxyalprazolam	5.676	538524	2856.03	72.3	∞	23409	1066.9582 ng/ml
alpha-PHP	4.922	3337830	58592.83	262.4	∞	652792	873.0778 ng/ml
alpha-PVP	4.350	18715152	51933.06	49.4	∞	652792	1083.6705 ng/ml
Alprazolam	5.753	4330999		109.7	∞	172270	1058.2825 ng/ml
Amphetamine	3.029	11787090		44.8	38981.22	348705	542.5812 ng/ml
Benzoylcegonine	3.857	603816	50566.36	36.2	50050.86	20489	1042.3367 ng/ml
Bromazolam	5.791	1218680		127.9	1087.90	67233	959.0631 ng/ml
Buprenorphine	5.838	467969	30152.06	14.8	5061.23	133846	116.0192 ng/ml
Bupropion	4.772	18236053	213370.71	67.1	162100.54	571134	992.3279 ng/ml
Carisoprodol	5.715	1431605	186.59	57.9	76273.15	63720	1020.4330 ng/ml
Citalopram	5.206	8552561	168689.87	35.1	87868.83	353223	1057.2453 ng/ml
Clonazepam	5.588	2283438	4839.05	34.2	5733.83	36427	878.3580 ng/ml
Clonazolam	5.525	1473900	1070.12	38.3	935.65	36427	860.7973 ng/ml
Cocaine	4.251	9899762	454794.17	50.2	69930.27	768631	1032.0709 ng/ml
Codeine	2.566	762294	5207.43	99.6	16029.27	56042	855.1206 ng/ml
Cyclobenzaprine	5.612	9010237	94662.86	8.0	13836.20	332247	1132.7783 ng/ml
Dextromethorphan	5.256	5446984	40777.74	76.6	30889.89	239456	1029.4886 ng/ml
Dextrorphan	4.104	4237134	49811.14	218.1	71707.23	442690	1050.1608 ng/ml
Diazepam	5.932	3695256	328.21	86.7	10175.87	175998	989.3006 ng/ml
Dihydrocodeine	2.531	2957543	72127.46	62.9	13299.98	252177	723.7319 ng/ml
Diphenhydramine	5.284	2732598	122911.60	30.0	134363.20	1189933	1033.2513 ng/ml
Doxylamine	4.525	36320776	161661.92	93.0	132745.81	1514527	1016.4084 ng/ml
Duloxetine	5.638	374624	6867.78	13.4	220.51	20565	987.6894 ng/ml
EDDP	5.242	16702548	98489.10	40.6	38992.61	790843	1067.6498 ng/ml
Etizolam	5.798	2158965	19511.67	28.6	525.83	36427	2045.3075 ng/ml
Fentanyl	5.089	1503250	3239.36	76.6	3668.43	752244	111.7059 ng/ml
Fluorofentanyl	5.143	2910128	62127.60	41.5	474715.92	5403	94.9703 ng/ml
Fluoxetine	5.705	4774269	13795.90	7.6	19653.23	173244	991.8771 ng/ml
Hydrocodone	2.998	5247766		35.5	∞	320995	974.5049 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.602	3582482	250.69	74.8	232.08	113187	1002.8312 ng/ml
Hydroxyzine	5.702	9497042	132417.23	85.4	81968.14	239456	1300.5499 ng/ml
Ketamine	4.023	6549635	261118.63	35.3	35056.74	400684	742.2760 ng/ml
Lamotrigine	4.274	476125	10698.73	87.4	32055.80	929688	727.9610 ng/ml
Lorazepam	5.731	688166		47.2	2696.45	55465	997.2187 ng/ml
MDA	3.163	5790753	47100.87	30.0	81477.96	282333	723.9256 ng/ml
MDMA	3.271	9535806	50299.40	95.6	89056.18	103762	1038.6430 ng/ml
Meprobamate	4.875	1562240	17420.49	31.5	6552.73	124306	651.3357 ng/ml
Methadone	5.650	22346969	185876.49	46.3	47087.04	764645	1026.0719 ng/ml
Methamphetamine	3.198	20510397	72738.64	36.7	55744.36	1263554	803.2973 ng/ml
Metoprolol	4.307	1931434	58754.63	105.0	1725.46	1153704	692.2916 ng/ml
Mirtazapine	4.614	24942552	104272.92	47.6	44172.16	652792	1107.8412 ng/ml
Mitragynine	5.217	3266189	78581.75	35.1	67852.25	764645	871.8355 ng/ml
Morphine	1.247	643721		29.7	∞	11987	952.4552 ng/ml
Norbuprenorphine	4.978	47800	47821.47	93.3	24888.09	21401	101.0180 ng/ml
Nordiazepam	5.878	2529051		60.8	7063.10	87674	958.8186 ng/ml
Norfentanyl	4.071	903940	45365.04	38.4	3896.39	317815	107.8627 ng/ml
Norhydrocodone	3.046	1254787	1551.76	39.8	763.27	63611	1175.1392 ng/ml
Noroxycodone	2.890	2371320		47.8	∞	88535	1033.3897 ng/ml
O-desmethyl-tramadol	3.351	27910421	155091.45	6.0	79319.09	1475120	1028.7214 ng/ml
o-desmethylvenlafaxine	4.056	16895632	107815.07	18.5	∞	143772	1086.1831 ng/ml
Olanzapine	4.469	4381786	74062.03	59.3	53553.97	108977	933.1888 ng/ml
Oxazepam	5.734	956518	110.46	73.8	5796.38	55465	940.8791 ng/ml
Oxycodone	2.814	9733952	438.57	27.8	395.11	391998	952.2315 ng/ml
Oxymorphone	1.405	2892578	541.81	45.2	562.21	106405	967.9791 ng/ml
Phentermine	3.760	3806992	1917.16	7.0	24107.75	771775	764.1444 ng/ml
Promethazine	5.528	20902504		31.7	42723.01	823476	1055.4563 ng/ml
Pseudoephedrine	2.569	20456881		16.0	∞	929688	1083.3980 ng/ml
Quetiapine	5.551	11519869	140385.61	59.7	79395.71	161981	979.1481 ng/ml
Sertraline	5.767	1451672	92482.93	92.6	11597.92	45060	1455.3978 ng/ml
Temazepam	5.815	3614608	135933.82	27.4	3198.12	155786	1068.6366 ng/ml
Tramadol	4.226	41155931	215.86	1.8	306.25	1153704	902.2170 ng/ml
Trazodone	5.156	19353059	273101.75	73.2	5983.06	868796	739.6290 ng/ml
Venlafaxine	5.030	24216284	787337.42	33.6	168414.28	1205070	1057.3155 ng/ml
Xylazine	4.058	8006565	123483.76	50.5	34049.44	279685	1016.2747 ng/ml
Zolpidem	4.913	24082361		27.1	62194.11	1065708	915.7808 ng/ml