

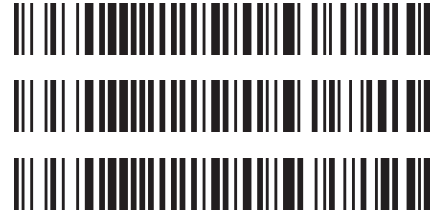
Worklist: 6375

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-1612	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1627	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1663	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1678	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1696	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1714	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1777	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1781	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1197	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1204	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1205	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1239	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1251	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1253	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1259	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1276	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1278	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1279	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1283	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1287	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1289	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6375

cg

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-1289	2	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-1289	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-1299	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 05/12/2023

Plate lot#: 230117

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

Blank Blood Lot: Lampire 23A52593

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 07/17/2023

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

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

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

Comments: DMT not evaluated due to ratios being out of range. Negative control was reinjected as the incorrect well position was specified. QC250 was injected after the negative but is used only for the evaluation of the negative control.

Curve Limits:

7-aminoclonazepam 5-250 (Cals 7 and 8 removed due to accuracy)
Amphetamine 5-250 (Cals 7 and 8 removed due to accuracy)
Benzoyllecgonine 10-1000 (Cal 1 removed due to ratio)
Clonazepam 5-500 (Cal 8 removed due to accuracy)
Codeine 5-500 (Cal 8 removed due to accuracy)
Dihydrocodeine 5-250 (Cals 7 and 8 removed due to accuracy)
Etizolam 5-500 (Cal 8 removed due to accuracy)
Flualprazolam 5-250 (Cals 7 and 8 removed due to accuracy)
Fluorofentanyl 0.5-25 (Cals 7 and 8 removed due to accuracy)
Lamotrigine 5-500 (Cal 8 removed due to accuracy)
MDA 5-250 (Cals 7 and 8 removed due to accuracy)
Meprobamate 5-250 (Cals 7 and 8 removed due to accuracy)
Methamphetamine 5-500 (Cal 8 removed due to accuracy)
Metoprolol 5-250 (Cals 7 and 8 removed due to accuracy)
Norbuprenorphine 1-100 (Cal 1 removed due to accuracy)
Norfentanyl 0.5-50 (Cal 8 removed due to accuracy)
Oxycodone 5-500 (Cal 8 removed due to accuracy)
Phentermine 5-250 (Cals 7 and 8 removed due to accuracy)
Trazodone 5-250 (Cals 7 and 8 removed due to accuracy)
Chlordiazepoxide 25-1000 (Cals 1 and 2 removed due to accuracy)

	1	2	3	4	5	6	7	8	9	10	11	12
A									P2023-1279-1	P2023-1204-1	M2023-1627-2	IS + Cal. 8
B								M2023-1663-2	P2023-1278-1	P2023-1197-1	M2023-1612-1	IS + Cal. 7
C								P2023-1299-1	P2023-1276-1	M2023-1781-4	Neg Ctrl	IS + Cal. 6
D								P2023-1289-3	P2023-1259-1	M2023-1777-4	IS + QC_2	IS + Cal. 5
E								P2023-1289-2	P2023-1253-1	M2023-1714-1	IS + QC_4	IS + Cal. 4
F								P2023-1289-1	P2023-1251-1	M2023-1696-2	IS + QC_3	IS + Cal. 3
G								P2023-1287-1	P2023-1239-1	M2023-1678-1	IS + QC_2	IS + Cal. 2
H								P2023-1283-1	P2023-1205-1		IS + QC_1	IS + Cal. 1



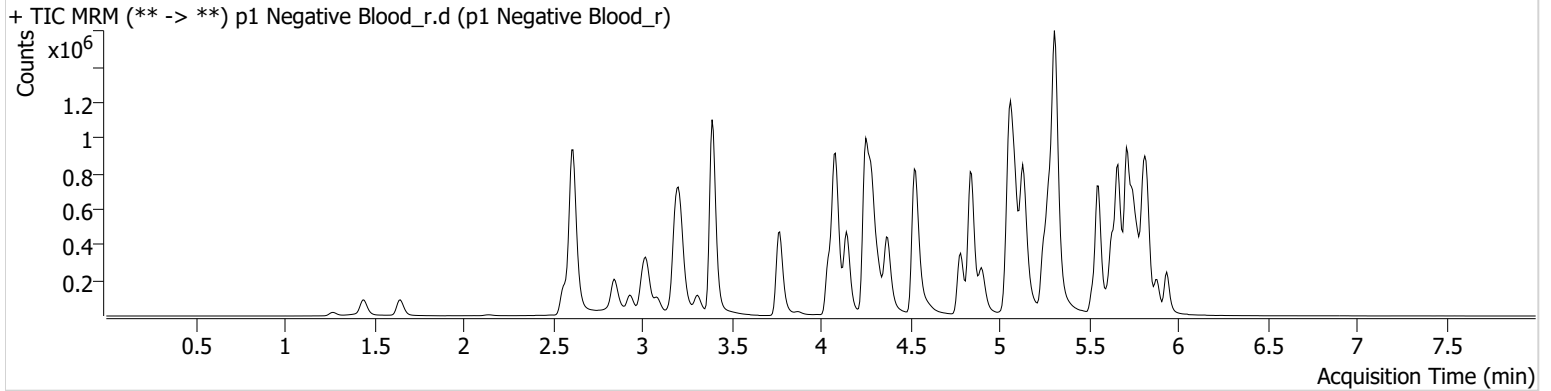
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood_r.d
Type	Sample	Sample	p1 Negative Blood_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	5/15/2023 2:18:06 PM		
Sample Info.			

The first injection was not the actual sample due to the incorrect well position being specified. This is the the reinjected sample (correct sample).

Sample Chromatogram



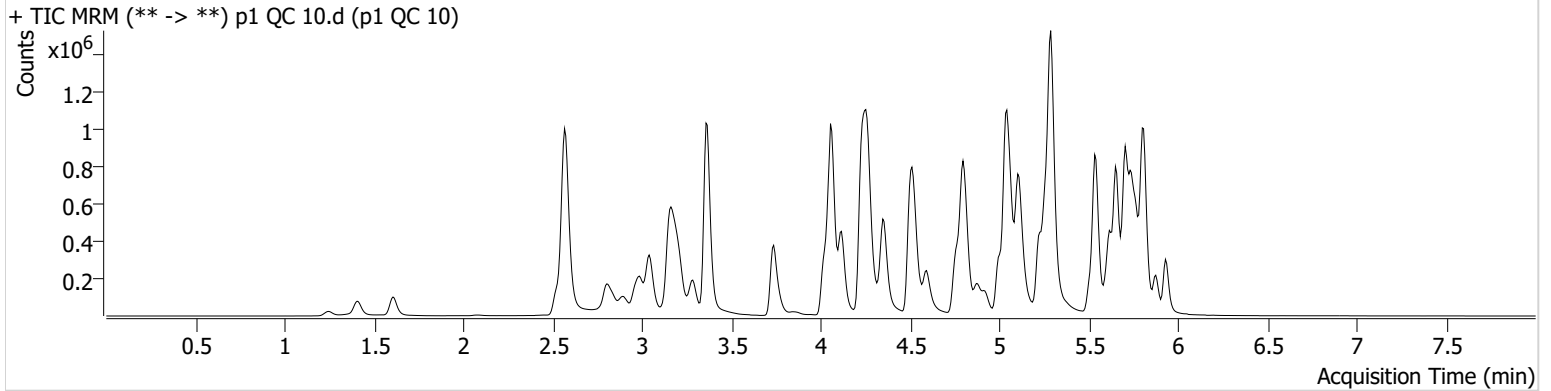
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	5/13/2023 3:27:05 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3016	2940.34	70.9	3110.38	64678	0.9533 ng/ml
7-aminoclonazepam	4.251	61397	126.05	77.6	261.50	239738	11.0612 ng/ml
a-hydroxyalprazolam	5.682	27737	117.45	72.6	163.51	1109230	9.9890 ng/ml
alpha-PHP	4.921	60635	865.79	263.8	230.85	844706	10.0772 ng/ml
alpha-PVP	4.357	234771	237856.83	50.4	266.46	844706	10.1923 ng/ml
Alprazolam	5.759	128891	266.31	108.8	541.08	263199	10.3501 ng/ml
Amphetamine	3.043	479039	991.95	48.3	526.97	396152	10.7752 ng/ml
Benzoylcegonine	3.871	7905	5651.11	8.4	61.42	25174	9.8886 ng/ml
Buprenorphine	5.659	3860	143.61	13.7	463.45	123040	0.9776 ng/ml
Bupropion	4.771	261332	13097.79	65.2	659.01	692364	10.8665 ng/ml
Carisoprodol	5.714	106630	430.32	57.0	128.24	497479	9.4693 ng/ml
Chlordiazepoxide	5.821	46926	1320.03	139.7	912.33	747448	8.4160 ng/ml
Chlorpheniramine	5.111	341988	1891.22	0.3	60.91	1576586	10.0404 ng/ml
Citalopram	5.225	200672	111.93	37.5	431.02	743362	9.7679 ng/ml
Clonazepam	5.601	139634	190.98	36.1	1093.91	167446	10.2914 ng/ml
Clonazolam	5.545	84200	30383.60	33.5	19396.77	167446	10.6294 ng/ml
Cocaine	4.257	171102	306.17	54.6	3025.47	1300593	9.8536 ng/ml
Codeine	2.580	21985	253.16	106.6	2783.52	83500	10.2746 ng/ml
Cyclobenzaprine	5.625	149280	4808.89	8.8	2284.79	578576	9.8750 ng/ml
Dextromethorphan	5.269	111622	802.73	80.1	93.21	446239	10.2136 ng/ml
Dextrorphan	4.118	62737	380.73	219.7	503.35	771393	9.7884 ng/ml
Diazepam	5.938	112323	1201.54	89.1	212.84	391648	10.2582 ng/ml
Dihydrocodeine	2.552	58004	136.20	62.5	83252.67	344235	10.2858 ng/ml
Diphenhydramine	5.290	566004	∞	29.9	358.64	2674840	10.0868 ng/ml
DMT	2.852	14461	376.66	63.2 Low	485.60	446239	11.7802 ng/ml
Doxylamine	4.525	468822	1543.52	99.5	1957.76	1927423	9.7299 ng/ml
Duloxetine	5.651	17107	280.92	12.4	323.61	87014	9.9696 ng/ml
EDDP	5.262	142197	1651.54	43.5	516.36	764461	9.6069 ng/ml
Etizolam	5.804	63231	2442.45	28.2	13462.42	167446	9.4607 ng/ml
Fentanyl	5.081	15470	98.80	68.4	53.14	766412	1.0041 ng/ml
Flualprazolam	5.695	35169	920.89	95.3	594.92	263199	10.6642 ng/ml
Fluorofentanyl	5.128	48814	445.51	44.3	811.48	8229	0.9296 ng/ml
Fluoxetine	5.704	211521	655.75	8.0	36190.77	756058	9.6388 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	81498	1057.83	33.4	384.51	413992	10.8545 ng/ml
Hydromorphone	1.615	70421	3479.15	74.4	470872.87	202847	10.1603 ng/ml
Hydroxyzine	5.687	151009	1654.42	71.1	1318.70	446239	10.0195 ng/ml
Ketamine	4.036	210035	797.62	38.0	228.18	650000	10.2493 ng/ml
Lamotrigine	4.267	15552	160.32	82.4	788.30	2270264	10.9906 ng/ml
Lorazepam	5.737	110883	892.71	53.8	138.47	737780	11.1086 ng/ml
MDA	3.191	317782	1312.46	23.3	255.65	557613	10.4327 ng/ml
MDMA	3.292	170138	1579.39	80.0	792.80	190891	9.5919 ng/ml
Meprobamate	4.901	63634	186.90	24.6	2514.94	311313	10.2386 ng/ml
Methadone	5.656	304757	352.57	45.4	511.90	950068	10.1627 ng/ml
Methamphetamine	3.219	310625	1299.20	40.3	645.65	1269334	10.2812 ng/ml
Metoprolol	4.320	41664	608.04	105.2	1721.79	1693369	10.1720 ng/ml
Mirtazapine	4.593	344758	2636.36	50.6	819.48	844706	10.3330 ng/ml
Mitragynine	5.209	42264	298.27	34.2	1367.16	950068	9.8050 ng/ml
Morphine	1.253	11929	405.19	24.0	323.75	19054	10.0383 ng/ml
Norbuprenorphine	4.997	510	274.77	96.6	753.56	16698	0.9006 ng/ml
Nordiazepam	5.877	91491	2020.92	60.9	507.84	242322	10.7956 ng/ml
Norfentanyl	4.078	42062	2772.58	36.2	160.98	1480224	0.9844 ng/ml
Norhydrocodone	3.067	7405	69.70	39.4	59.99	106255	8.9103 ng/ml
Noroxycodone	2.911	80026	440.77	48.2	365.66	228562	9.9612 ng/ml
O-desmethyl-tramadol	3.366	403685	14691.70	5.9	1709.51	2290871	9.8144 ng/ml
o-desmethylvenlafaxine	4.063	564913	7461.70	16.9	828.52	402368	9.7350 ng/ml
Olanzapine	4.352	77247	399.04	54.4	197.60	177417	9.8314 ng/ml
Oxazepam	5.747	127683	177.03	77.2	108.90	737780	10.6499 ng/ml
Oxycodone	2.835	143158	572.57	30.6	424.39	526633	10.2588 ng/ml
Oxymorphone	1.411	64609	∞	46.2	207.38	176115	10.3126 ng/ml
Phentermine	3.774	94430	468.64	4.9	285.53	1034589	10.1545 ng/ml
Promethazine	5.541	318887	6579.71	31.6	3775.70	1375784	9.2527 ng/ml
Pseudoephedrine	2.583	572729	6609.50	16.1	5391.17	2270264	9.7227 ng/ml
Quetiapine	5.516	221261	8887.18	55.3	346.33	269260	10.3305 ng/ml
Sertraline	5.773	83865	6986.59	101.2	226.73	342024	9.7225 ng/ml
Temazepam	5.807	197210	465.06	31.3	83.71	1109230	10.3841 ng/ml
Tramadol	4.239	376902	312.37	3.6	116.68	1693369	10.4290 ng/ml
Trazodone	5.032	264415	1244.74	63.8	7299.71	837301	11.0376 ng/ml
Venlafaxine	5.043	315956	360.98	35.7	790.29	1853123	9.5899 ng/ml
Zolpidem	4.816	366133	4743.47	29.8	948.78	1744083	10.1276 ng/ml

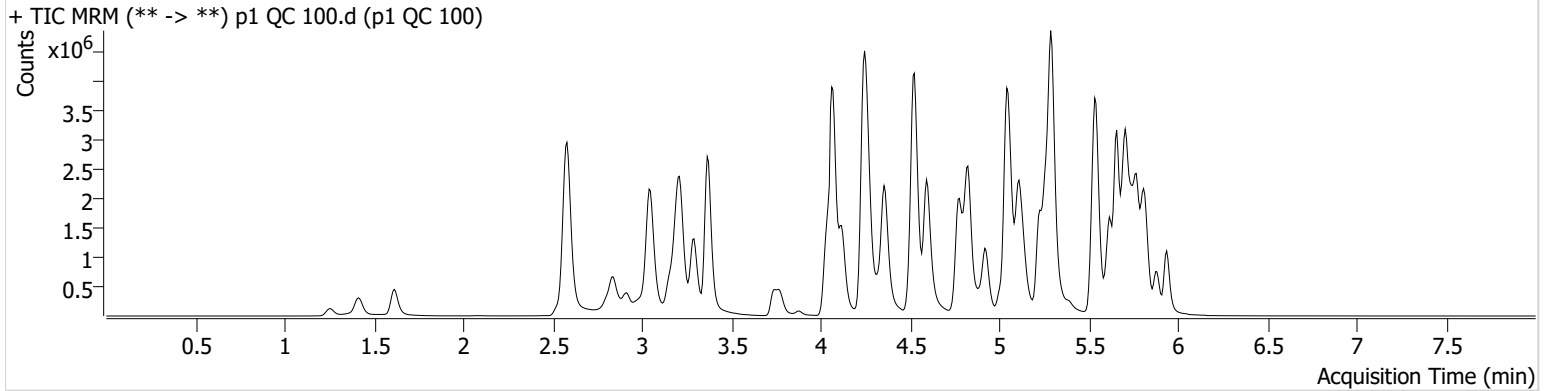


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 5/13/2023 1:32:52 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	36335	518.98	69.8	89199.63	71700	10.4271 ng/ml
7-aminoclonazepam	4.251	507250	712.83	78.7	296.66	221700	104.2951 ng/ml
a-hydroxyalprazolam	5.682	191585	255.39	70.8	299.88	858388	98.0852 ng/ml
alpha-PHP	4.928	689894	2903.53	265.6	6404.25	914086	100.0738 ng/ml
alpha-PVP	4.357	2576790	859.59	51.5	33049.06	914086	99.1037 ng/ml
Alprazolam	5.759	1134766	776.08	107.9	∞	222078	102.8445 ng/ml
Amphetamine	3.050	4183938	28692.80	48.1	3382.58	423131	99.1803 ng/ml
Benzoylecgonine	3.877	77628	743.55	8.1	5705.48	26404	95.3801 ng/ml
Buprenorphine	5.666	38947	9934.53	14.5	2926.21	112530	11.3536 ng/ml
Bupropion	4.778	2930036	82281.45	64.6	4221.14	795087	107.2737 ng/ml
Carisoprodol	5.721	734507	1202.59	57.1	210.16	331219	94.9850 ng/ml
Chlordiazepoxide	5.828	368118	6517.62	144.5	6175.67	618628	107.2876 ng/ml
Chlorpheniramine	5.111	3933507	14475.39	0.3	355.19	1818635	97.8385 ng/ml
Citalopram	5.225	2285666	941.71	37.9	509.85	815921	97.7825 ng/ml
Clonazepam	5.608	1089238	7845.51	35.0	18237.65	138485	107.1485 ng/ml
Clonazolam	5.552	673863	199233.85	34.9	8699.86	138485	113.9785 ng/ml
Cocaine	4.257	1729281	1115.01	52.9	1388.51	1332371	98.8411 ng/ml
Codeine	2.586	188585	∞	101.9	4088.62	78508	105.7680 ng/ml
Cyclobenzaprine	5.625	1688424	229805.39	8.9	683.09	628223	96.6091 ng/ml
Dextromethorphan	5.269	1212481	48933.14	77.8	773.47	484754	102.1217 ng/ml
Dextrorphan	4.118	716275	561.48	215.4	2049.71	858273	96.6791 ng/ml
Diazepam	5.938	1075335	964.29	87.4	4216.58	371546	105.9425 ng/ml
Dihydrocodeine	2.558	575617	1337.76	61.9	304.91	376583	100.2051 ng/ml
Diphenhydramine	5.297	6175529	1687.84	29.7	609.75	2808162	100.5715 ng/ml
DMT	2.852	130019	1877.14	76.7	862.92	484754	86.9554 ng/ml
Doxylamine	4.525	5614389	1629.54	96.8	10686.75	2122135	105.8040 ng/ml
Duloxetine	5.651	169560	8581.02	13.4	1250.19	86294	98.2275 ng/ml
EDDP	5.262	1616850	539.75	42.3	∞	834638	99.0716 ng/ml
Etizolam	5.804	595955	1084.32	27.3	114918.99	138485	99.9761 ng/ml
Fentanyl	5.081	178711	201.00	70.8	3025.46	830924	9.8584 ng/ml
Flualprazolam	5.695	256266	3106.69	109.0	4137.63	222078	98.1271 ng/ml
Fluorofentanyl	5.135	575759	17656.83	43.3	6921.44	8567	10.5063 ng/ml
Fluoxetine	5.711	2020355	11397.96	7.8	283.17	674334	95.5309 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	772094	797.31	35.4	254.55	446660	104.7910 ng/ml
Hydromorphone	1.615	722774	2029346.81	74.9	7022.13	207535	102.1224 ng/ml
Hydroxyzine	5.694	1642929	29785.71	75.6	1393.24	484754	94.3000 ng/ml
Ketamine	4.036	2199278	109130.55	37.9	14704.16	713623	105.1500 ng/ml
Lamotrigine	4.274	138756	1738.43	88.7	2268.50	2137788	107.5266 ng/ml
Lorazepam	5.737	564654	30018.52	53.6	1167.43	466028	99.3100 ng/ml
MDA	3.198	2537011	9885.53	22.6	1618.34	520283	99.7085 ng/ml
MDMA	3.292	1838534	10997.64	79.6	8824.68	202934	99.7653 ng/ml
Meprobamate	4.901	535279	9481.18	25.1	730.81	293356	101.6896 ng/ml
Methadone	5.656	3532386	2214.56	45.8	2735.65	1063894	100.7065 ng/ml
Methamphetamine	3.219	3202502	2393.19	39.3	6503.95	1423211	106.7957 ng/ml
Metoprolol	4.327	415709	773.22	108.0	6364.56	1887833	94.9912 ng/ml
Mirtazapine	4.593	3978205	115728.86	49.0	10636.31	914086	100.9767 ng/ml
Mitragynine	5.209	450660	1204.83	36.4	276842.15	1063894	88.2042 ng/ml
Morphine	1.253	121646	3458.82	25.2	793.64	20183	100.6575 ng/ml
Norbuprenorphine	4.997	5175	2593.34	87.1	20012.22	18961	9.6339 ng/ml
Nordiazepam	5.884	792651	9139.91	61.3	∞	221978	104.8933 ng/ml
Norfentanyl	4.085	412058	20748.56	37.7	588.72	1336020	9.7766 ng/ml
Norhydrocodone	3.067	74663	∞	41.2	519.02	85958	88.7574 ng/ml
Noroxycodone	2.911	721440	6524.15	46.5	1866.60	210798	99.8017 ng/ml
O-desmethyl-tramadol	3.372	4416944	38859.25	6.0	757.84	2398689	98.6496 ng/ml
o-desmethylvenlafaxine	4.078	6226501	139505.84	16.5	6470.70	409487	97.4343 ng/ml
Olanzapine	4.366	735182	5503.25	57.1	1841.35	173090	93.0097 ng/ml
Oxazepam	5.747	760111	3669.51	74.1	5509.44	466028	104.9206 ng/ml
Oxycodone	2.835	1517738	2459.28	30.0	1823.96	582892	105.2806 ng/ml
Oxymorphone	1.411	643869	∞	46.2	∞	178525	104.4078 ng/ml
Phentermine	3.774	941956	747.41	4.4	54.57	1133603	98.7083 ng/ml
Promethazine	5.541	3665647	1391.19	30.2	1077.08	1464112	94.4160 ng/ml
Pseudoephedrine	2.583	5746208	4276.21	15.3	2402.74	2137788	96.3827 ng/ml
Quetiapine	5.516	2410021	385218.22	56.6	49379.75	302696	107.8472 ng/ml
Sertraline	5.773	896808	49612.39	95.4	292378.22	351930	98.4660 ng/ml
Temazepam	5.807	1532967	5570.87	29.8	2548.17	858388	106.6455 ng/ml
Tramadol	4.239	4035615	117.41	3.5	309.77	1887833	103.8076 ng/ml
Trazodone	5.046	2593722	1740.27	67.4	925676.07	1009366	99.4022 ng/ml
Venlafaxine	5.042	3483912	53053.57	34.8	559.11	1942029	95.7967 ng/ml
Zolpidem	4.823	4156518	5245382.63	28.3	2480.33	1993589	101.2380 ng/ml

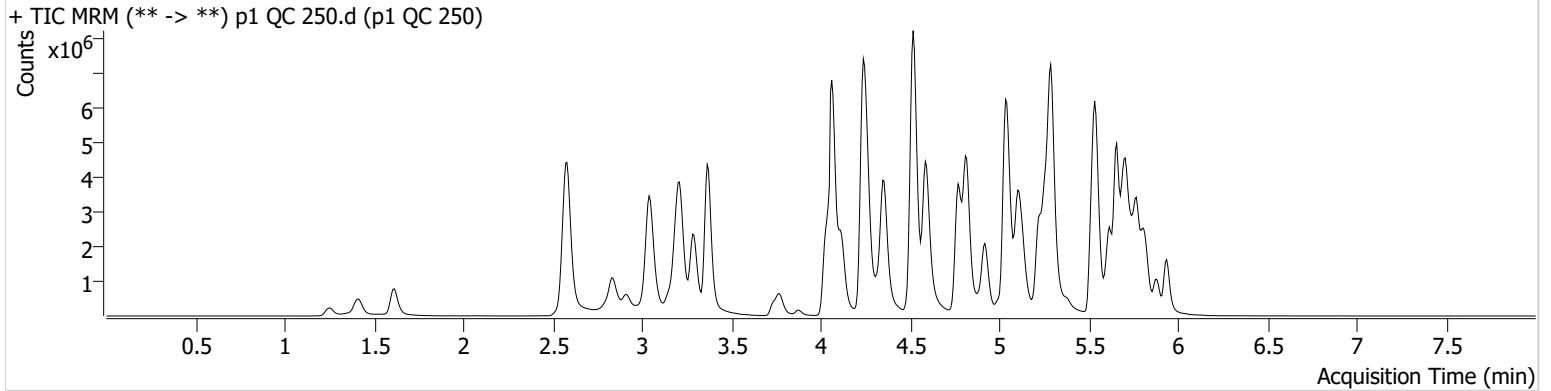


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 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-F11 **Comment**
Injection Volume 2
Acq. Date-Time 5/13/2023 3:48:21 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	74601	8130.05	69.2	5823.18	59018	26.0188 ng/ml
7-aminoclonazepam	4.244	769463	125.25	79.5	4908.71	156983	224.2178 ng/ml
a-hydroxyalprazolam	5.682	262854	230.25	67.9	159.07	465653	249.7940 ng/ml
alpha-PHP	4.921	1327078	1124.75	270.8	73462.00	678748	258.2632 ng/ml
alpha-PVP	4.357	5061849	273373.19	50.5	13869.61	678748	261.4100 ng/ml
Alprazolam	5.759	1945839	811.56	106.6	∞	140698	277.4234 ng/ml
Amphetamine	3.043	7235938	88928.82	46.6	51983.21	352380	207.6279 ng/ml
Benzoylcegonine	3.877	170983	943.96	8.1	211.98	23459	236.9532 ng/ml
Buprenorphine	5.659	63412	35103.75	14.3	20896.26	81844	25.4867 ng/ml
Bupropion	4.771	5905729	4178.17	62.4	8435.04	636275	270.3912 ng/ml
Carisoprodol	5.721	1075003	343.49	55.7	314.57	180578	254.4503 ng/ml
Chlordiazepoxide	5.821	499971	2633.66	157.4	6956.53	355746	257.8149 ng/ml
Chlorpheniramine	5.104	7822300	43527.26	0.3	337.53	1396025	253.0607 ng/ml
Citalopram	5.225	4086993	1367.23	37.3	354702.76	568846	250.1899 ng/ml
Clonazepam	5.601	1682268	1122.97	34.7	7316.60	97387	236.7489 ng/ml
Clonazolam	5.552	1013302	25879.11	36.6	605343.42	97387	245.1770 ng/ml
Cocaine	4.257	3191421	3288.65	52.6	44461.79	954141	255.0129 ng/ml
Codeine	2.580	309305	1392.10	102.5	55.87	60958	225.0670 ng/ml
Cyclobenzaprine	5.625	3104368	2134.39	8.5	718.74	443948	250.2932 ng/ml
Dextromethorphan	5.262	2055484	465.47	77.7	534.51	334001	251.2634 ng/ml
Dextrorphan	4.118	1352496	84018.39	217.5	359849.42	639211	244.4912 ng/ml
Diazepam	5.938	1826250	∞	87.9	11336.90	258892	258.5973 ng/ml
Dihydrocodeine	2.552	1074392	21183.06	63.6	274.25	318519	222.1599 ng/ml
Diphenhydramine	5.290	11328175	772.92	29.5	679.58	1978387	261.1346 ng/ml
DMT	2.852	241377	924.80	88.7	374.20	334001	231.8367 ng/ml
Doxylamine	4.518	11812475	37250.98	95.5	165707.97	1733521	272.5071 ng/ml
Duloxetine	5.651	261005	457338.55	13.3	200.59	52802	246.8683 ng/ml
EDDP	5.262	3333048	3737.30	42.6	287238.31	688233	247.5198 ng/ml
Etizolam	5.804	1061713	6219.55	27.4	396141.34	97387	252.1164 ng/ml
Fentanyl	5.074	356177	10851.16	69.1	13415.75	625004	25.9779 ng/ml
Flualprazolam	5.695	392561	6074.99	110.6	25692.48	140698	238.3795 ng/ml
Fluorofentanyl	5.128	1110638	10979.13	43.4	14064.24	6341	27.3764 ng/ml
Fluoxetine	5.711	3095485	200725.79	8.1	208.31	402135	244.1983 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1466705	2546.95	35.6	261.15	362626	246.8290 ng/ml
Hydromorphone	1.615	1445813	3711377.44	75.0	5886139.07	166409	254.8018 ng/ml
Hydroxyzine	5.687	3001139	50551.00	77.2	1525.63	334001	248.8997 ng/ml
Ketamine	4.030	4227271	244007.75	36.8	∞	551953	262.5969 ng/ml
Lamotrigine	4.274	223134	2112.67	92.4	2133.28	1482229	249.9173 ng/ml
Lorazepam	5.737	626569	12106.84	54.0	320.97	233702	221.4256 ng/ml
MDA	3.191	3702163	2713.78	21.9	3909.61	367626	207.3925 ng/ml
MDMA	3.292	3514602	73601.07	80.5	3320.25	149784	258.7816 ng/ml
Meprobamate	4.895	848638	4640.15	24.9	6266.30	228501	208.3226 ng/ml
Methadone	5.656	6472002	53218.48	46.1	1302.32	774426	252.7538 ng/ml
Methamphetamine	3.212	6217115	3715.56	38.4	2125.12	1192131	249.4842 ng/ml
Metoprolol	4.320	730113	11296.61	106.8	101292.38	1402383	225.2636 ng/ml
Mirtazapine	4.586	7858306	9617.94	48.4	12263.06	678748	267.0398 ng/ml
Mitragynine	5.202	978306	9501.97	35.3	413237.94	774426	261.8464 ng/ml
Morphine	1.253	245503	2537.80	25.0	∞	17041	241.2504 ng/ml
Norbuprenorphine	4.990	10342	6389.25	86.5	1106.92	16419	22.4940 ng/ml
Nordiazepam	5.884	1253332	10345.08	62.2	716.19	148815	247.8459 ng/ml
Norfentanyl	4.078	743657	56836.73	38.2	5095.02	902752	25.9584 ng/ml
Norhydrocodone	3.067	157101	131.07	40.1	750.48	63407	249.5752 ng/ml
Noroxycodone	2.911	1204774	10243.89	49.3	11061.93	143531	245.1754 ng/ml
O-desmethyl-tramadol	3.366	9211729	8359.77	5.7	25486.77	1870513	263.1397 ng/ml
o-desmethylvenlafaxine	4.063	11922497	97655.67	16.4	4973.55	306598	247.9083 ng/ml
Olanzapine	4.345	1546357	4822.36	57.9	1288.31	134607	250.9999 ng/ml
Oxazepam	5.740	914212	179.37	75.2	124.41	233702	252.3958 ng/ml
Oxycodone	2.828	2835912	3781.42	30.2	1270.43	472341	243.8279 ng/ml
Oxymorphone	1.412	1215629	∞	47.1	∞	135948	259.3649 ng/ml
Phentermine	3.774	1692943	∞	4.2	676.48	933248	216.4053 ng/ml
Promethazine	5.541	7617788	46967.88	28.9	63475.96	1163087	246.0823 ng/ml
Pseudoephedrine	2.583	10530158	4459.49	15.1	195667.71	1482229	253.5159 ng/ml
Quetiapine	5.516	4440213	100595.54	58.9	79760.24	234043	258.2156 ng/ml
Sertraline	5.773	1452611	34514.08	93.1	3266.04	219109	255.7321 ng/ml
Temazepam	5.807	1969268	52184.06	30.2	∞	465653	252.8969 ng/ml
Tramadol	4.239	7613771	1974.68	3.6	135.69	1402383	264.2950 ng/ml
Trazodone	5.032	4645697	1213.09	66.7	1673.12	825260	219.3610 ng/ml
Venlafaxine	5.036	6871997	1485.24	32.8	11325.48	1438565	254.1977 ng/ml
Zolpidem	4.816	8329198	6415.72	27.8	82461.98	1553690	260.4233 ng/ml



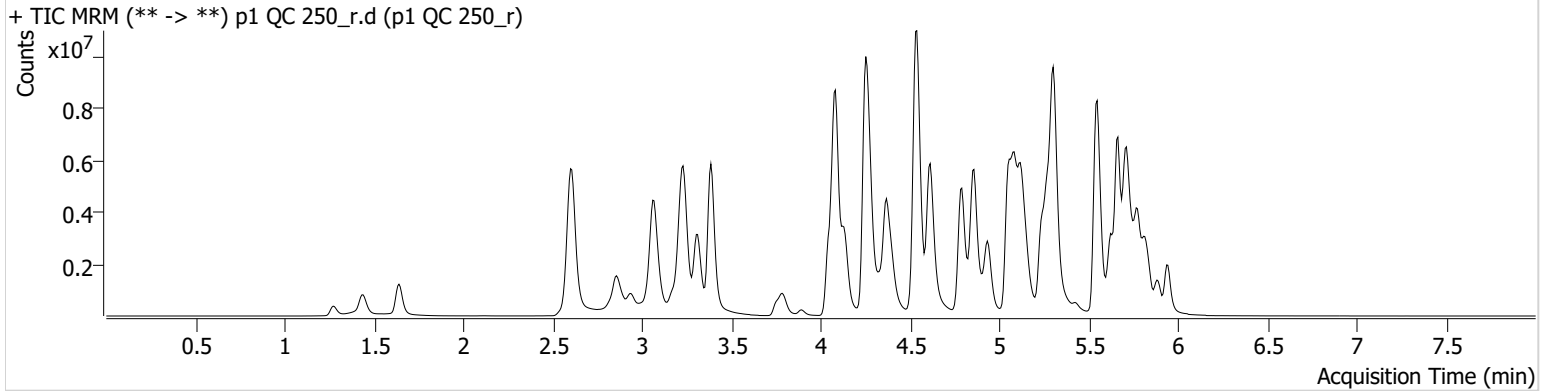
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 QC 250_r.d
Type QC Sample p1 QC 250_r
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F11 Comment
Injection Volume 2
Acq. Date-Time 5/15/2023 2:28:54 PM
Sample Info.

This QC was used for the evaluation of the reinjected negative control only.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.153	106981	1314.84	68.7	114308.14	103500	21.2751 ng/ml
7-aminoclonazepam	4.265	925160	1884.03	78.4	3786.93	185508	228.1460 ng/ml
a-hydroxyalprazolam	5.682	286939	184.83	68.6	260.05	525318	241.6752 ng/ml
alpha-PHP	4.935	1753108	67764.34	265.9	64410.93	918495	252.1345 ng/ml
alpha-PVP	4.370	6767853	111295.65	51.1	1642.33	918495	258.2888 ng/ml
Alprazolam	5.766	2550990	1212.18	104.9	558.08	206620	247.7217 ng/ml
Amphetamine	3.070	9239684	603.56	46.8	797.22	572399	162.8850 ng/ml
Benzoylcegonine	3.891	236147	19982.97	8.4	201830.44	30795	249.3154 ng/ml
Buprenorphine	5.701	81016	8328.33	14.2	18086.56	127621	20.8719 ng/ml
Bupropion	4.792	8168211	302753.12	63.3	∞	905631	262.7441 ng/ml
Carisoprodol	5.727	1512153	658.53	58.6	9040.55	244206	264.6520 ng/ml
Chlordiazepoxide	5.835	791184	23950.60	127.1	15656.58	537775	270.0377 ng/ml
Chlorpheniramine	5.125	11486291	375986.02	0.3	445.91	1908623	271.7773 ng/ml
Citalopram	5.239	5149390	46513.76	36.7	22782.07	704930	254.3663 ng/ml
Clonazepam	5.608	1547281	3518.56	34.9	1589.53	92211	229.9405 ng/ml
Clonazolam	5.558	1148476	1406.88	39.5	488427.29	92211	293.7342 ng/ml
Cocaine	4.271	3995286	20524.44	53.2	906.15	1229457	247.7513 ng/ml
Codeine	2.607	396698	6469.45	95.7	155.92	82409	213.4422 ng/ml
Cyclobenzaprine	5.631	4232743	79915.84	8.0	408.48	613265	247.0568 ng/ml
Dextromethorphan	5.282	2620267	383.05	78.6	60416.16	432776	247.1982 ng/ml
Dextrorphan	4.131	1997016	95467.79	215.3	483243.99	846162	272.6621 ng/ml
Diazepam	5.945	2236401	254.31	90.6	3101.01	321665	254.8713 ng/ml
Dihydrocodeine	2.572	1432165	8670.76	64.2	28565.30	445943	211.4794 ng/ml
Diphenhydramine	5.304	15565938	188046.30	30.7	98500.88	2495296	284.4508 ng/ml
DMT	2.878	419091	13998.99	122.7 High	22481.86	432776	310.1630 ng/ml
Doxylamine	4.538	16305974	343468.49	95.8	316759.90	2483765	262.5443 ng/ml
Duloxetine	5.657	323557	1738.94	14.0	818.63	64222	251.6126 ng/ml
EDDP	5.268	4717260	2129.76	40.2	128553.66	918606	262.4547 ng/ml
Etizolam	5.804	1373435	1601.22	26.4	306873.35	92211	344.1692 ng/ml
Fentanyl	5.094	465667	1195.92	71.6	918.13	801033	26.4983 ng/ml
Flualprazolam	5.702	551380	4419.11	111.0	6195.50	206620	227.9624 ng/ml
Fluorofentanyl	5.149	1456633	38938.23	42.6	12198.66	7902	28.8140 ng/ml
Fluoxetine	5.718	3761410	141116.91	8.0	236653.97	461551	258.4873 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.033	2183653	463.97	36.3	417.06	492599	270.6388 ng/ml
Hydromorphone	1.642	2001138	24285077.42	76.5	12287884.67	233638	251.1880 ng/ml
Hydroxyzine	5.701	4452679	36649.49	77.0	11003.90	432776	284.9021 ng/ml
Ketamine	4.050	5374522	109344.12	36.0	9313.87	764903	240.8440 ng/ml
Lamotrigine	4.294	330492	2201.76	85.3	7948.20	1871425	293.2495 ng/ml
Lorazepam	5.744	687191	21039.72	52.3	3825.11	253390	223.9955 ng/ml
MDA	3.211	4641699	3885.99	25.6	3250.64	613722	155.4133 ng/ml
MDMA	3.312	4410258	4456.96	91.8	8513.75	203217	239.3283 ng/ml
Meprobamate	4.915	1527535	4676.80	24.8	14172.79	366910	233.6824 ng/ml
Methadone	5.663	9091146	80263.12	47.7	4741.73	1116306	246.3179 ng/ml
Methamphetamine	3.232	9798230	57605.46	36.7	2851.87	1713391	273.7150 ng/ml
Metoprolol	4.334	1038334	298785.15	107.1	43909.62	1962093	228.9816 ng/ml
Mirtazapine	4.613	10698507	604425.05	47.2	12758.80	918495	268.6539 ng/ml
Mitragynine	5.223	1332485	1399.36	36.7	656208.33	1116306	247.4511 ng/ml
Morphine	1.274	347704	47884.73	24.3	92.37	20480	284.3878 ng/ml
Norbuprenorphine	5.011	16517	4267.35	91.0	517.96	23485	25.1398 ng/ml
Nordiazepam	5.891	1614847	6476.67	60.2	646.15	185717	255.8942 ng/ml
Norfentanyl	4.098	892872	20568.75	38.9	5707.49	1116017	25.2138 ng/ml
Norhydrocodone	3.088	294377	1859.65	40.6	469.47	107812	274.8415 ng/ml
Noroxycodone	2.938	1627353	6260.30	50.5	6411.71	213064	223.0702 ng/ml
O-desmethyl-tramadol	3.386	12485190	∞	5.8	17852.65	2516377	265.1065 ng/ml
o-desmethylvenlafaxine	4.083	17025871	337812.80	15.4	8984.12	390379	277.9466 ng/ml
Olanzapine	4.393	2246700	7016.15	58.3	582.36	217285	225.9478 ng/ml
Oxazepam	5.747	960563	29306.58	75.1	1498.35	253390	244.5704 ng/ml
Oxycodone	2.856	3790722	2129.90	30.8	∞	664839	231.5123 ng/ml
Oxymorphone	1.438	1839284	∞	48.1	∞	223789	238.3650 ng/ml
Phentermine	3.787	2344645	13106.17	5.0	3355.43	1294057	216.1445 ng/ml
Promethazine	5.548	9469436	3509.50	29.7	48303.41	1412613	251.8499 ng/ml
Pseudoephedrine	2.610	13701178	208374.79	15.6	807.15	1871425	261.2360 ng/ml
Quetiapine	5.530	5363933	89954.90	59.1	553.01	334148	218.3465 ng/ml
Sertraline	5.780	1622838	59359.80	93.0	12260.08	234801	266.5960 ng/ml
Temazepam	5.814	2430704	14300.81	30.1	5952.41	525318	276.7258 ng/ml
Tramadol	4.253	10145140	3104.46	3.3	∞	1962093	251.6862 ng/ml
Trazodone	5.080	6750556	567573.69	69.6	345136.60	992673	265.2714 ng/ml
Venlafaxine	5.049	9729409	220545.10	32.6	933.04	1993874	259.6496 ng/ml
Zolpidem	4.857	11225432	343817.95	26.4	75284.81	2154363	253.1172 ng/ml

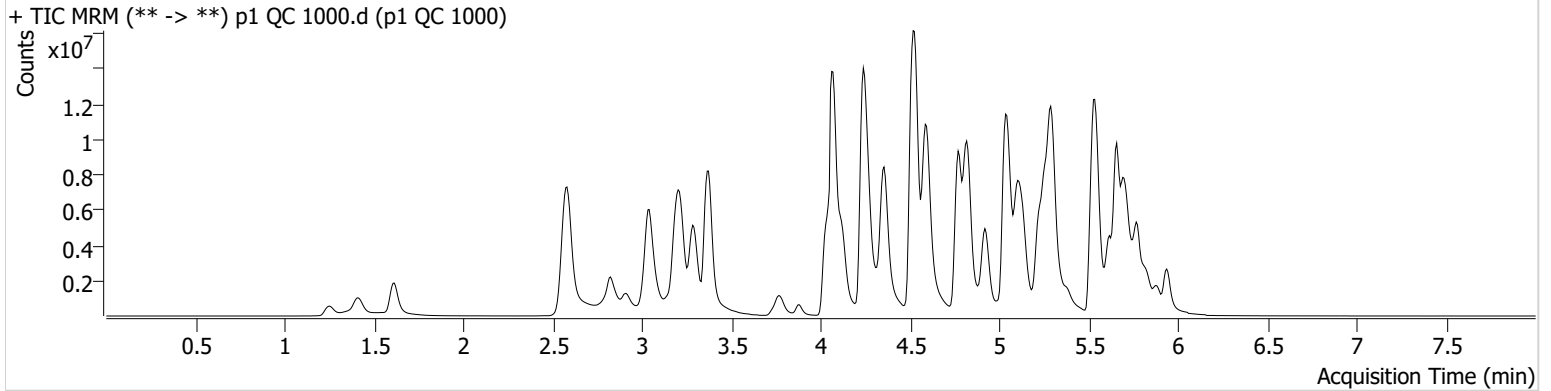


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 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-E11 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 4:09:37 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	246815	36688.16	69.6	5162.30	50606	100.4121 ng/ml
7-aminoclonazepam	4.244	816673	5428.58	78.3	17602.65	75969	492.5769 ng/ml
a-hydroxyalprazolam	5.675	208956	31.89	62.8	37.21	116082	799.0290 ng/ml
alpha-PHP	4.921	3608690	1558.99	276.9	2778.45	413577	1150.4322 ng/ml
alpha-PVP	4.357	13291534	∞	49.4	9089.16	413577	1124.9775 ng/ml
Alprazolam	5.759	3636090	203.66	104.0	194.56	74215	981.4228 ng/ml
Amphetamine	3.043	13516457	297071.77	46.3	69804.07	283600	483.9391 ng/ml
Benzoylecgonine	3.877	694439	6382.30	8.3	496.40	23025	981.5917 ng/ml
Buprenorphine	5.666	94606	68125.69	13.5	20563.57	29578	105.3912 ng/ml
Bupropion	4.771	16032036	2415.08	63.0	9160.83	487387	958.5907 ng/ml
Carisoprodol	5.721	1212120	193.85	56.0	175.62	46174	1120.9461 ng/ml
Chlordiazepoxide	5.828	688437	1793.77	180.2	30709.93	134219	949.5246 ng/ml
Chlorpheniramine	5.104	21556793	49318.15	0.3	562.70	959204	1014.2139 ng/ml
Citalopram	5.225	8171843	537326.17	36.6	1291464.25	270711	1049.9534 ng/ml
Clonazepam	5.601	2033784	10999.29	34.1	1685.30	37346	748.9569 ng/ml
Clonazolam	5.558	1290968	3932.37	37.2	9719.96	37346	817.5322 ng/ml
Cocaine	4.264	7140851	∞	51.8	226174.65	521750	1044.0337 ng/ml
Codeine	2.580	616547	309.63	100.6	2926.40	37082	740.8689 ng/ml
Cyclobenzaprine	5.625	6961978	2292.10	8.0	247.51	224290	1108.7598 ng/ml
Dextromethorphan	5.262	3906126	327.18	76.4	355.85	155502	1025.5862 ng/ml
Dextrorphan	4.118	3661453	83660.15	218.9	328305.33	395851	1067.4221 ng/ml
Diazepam	5.938	3730618	168.64	88.5	313.76	138683	986.8909 ng/ml
Dihydrocodeine	2.545	2624611	17074.34	63.8	26756.19	284474	609.1440 ng/ml
Diphenhydramine	5.297	22718199	481.79	32.1	349.83	1022540	1011.9271 ng/ml
DMT	2.845	619545	1733.96	115.0 High	28904.53	155502	1271.5779 ng/ml
Doxylamine	4.518	29835458	724605.79	97.1	493594.53	1402060	850.9995 ng/ml
Duloxetine	5.644	288850	3837.12	14.3	117.16	14115	1021.5072 ng/ml
EDDP	5.255	10678902	106353.62	40.4	2047.67	510526	1068.7416 ng/ml
Etizolam	5.804	2299194	47859.64	26.5	624.51	37346	1420.2476 ng/ml
Fentanyl	5.074	949456	30192.62	69.9	1099274.07	385110	112.0959 ng/ml
Flualprazolam	5.702	510908	8740.09	116.6	4799.43	74215	589.3303 ng/ml
Fluorofentanyl	5.135	3179616	135917.51	42.5	441334.99	3327	149.3695 ng/ml
Fluoxetine	5.711	5147463	121129.98	7.6	613.95	143732	1133.2303 ng/ml



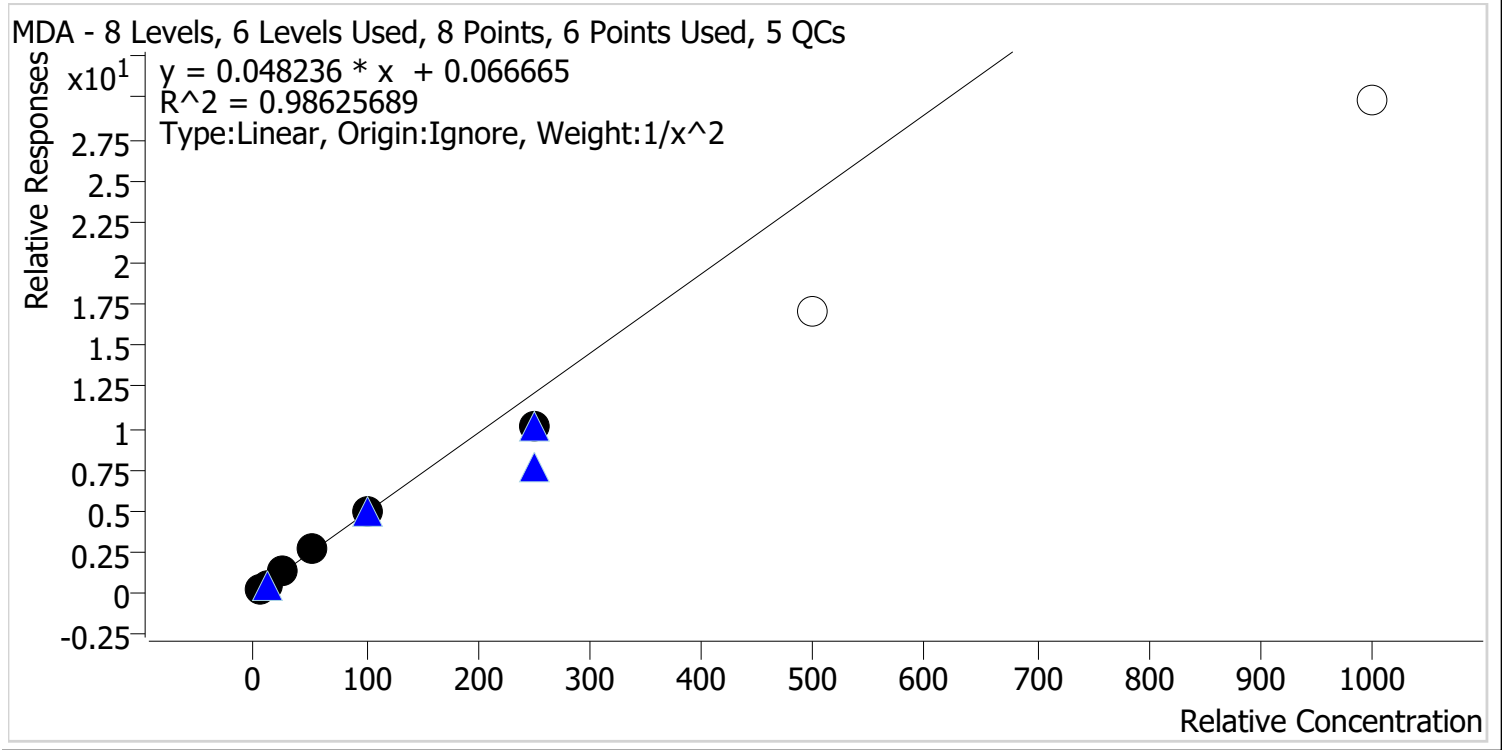
AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4124615	∞	36.9	325.13	281988	895.8039 ng/ml
Hydromorphone	1.615	4103612	9725088.56	75.5	35538.87	119058	1010.8859 ng/ml
Hydroxyzine	5.687	6618864	114028.99	77.3	186933.60	155502	1176.5464 ng/ml
Ketamine	4.030	9724169	150657.68	37.6	∞	400753	833.8483 ng/ml
Lamotrigine	4.281	350881	15435.56	90.1	6766.38	756978	770.3581 ng/ml
Lorazepam	5.737	637876	305.57	52.5	3493.46	49243	1075.1201 ng/ml
MDA	3.178	6141251	61728.07	20.6	32446.65	206636	614.7570 ng/ml
MDMA	3.285	8439795	5637.57	79.4	12835.75	97918	951.2489 ng/ml
Meprobamate	4.895	1325215	17867.65	24.7	6270.26	146945	507.7203 ng/ml
Methadone	5.656	15550275	2935.84	47.3	46810.73	463200	1013.8861 ng/ml
Methamphetamine	3.212	15642756	3373.83	35.4	36678.66	1084430	692.7062 ng/ml
Metoprolol	4.320	1315248	349783.72	106.3	33750.39	1004128	567.4963 ng/ml
Mirtazapine	4.593	21581990	540771.66	48.3	219062.11	413577	1200.2831 ng/ml
Mitragynine	5.202	2544657	231466.51	37.4	776894.59	463200	1136.6806 ng/ml
Morphine	1.253	707441	12418.44	24.3	∞	12377	958.5428 ng/ml
Norbuprenorphine	4.997	32698	269.22	84.7	2136.71	11675	100.7107 ng/ml
Nordiazepam	5.884	2034120	19568.15	61.5	422.62	65338	917.0579 ng/ml
Norfentanyl	4.085	1420423	29689.00	38.4	6324.10	303819	146.8948 ng/ml
Norhydrocodone	3.067	520927	148.22	41.6	838.51	42992	1212.9738 ng/ml
Noroxycodone	2.911	2436986	1794.07	48.2	1572.83	71950	990.1720 ng/ml
O-desmethyl-tramadol	3.371	23778917	∞	6.1	43829.86	1269662	999.5549 ng/ml
o-desmethylvenlafaxine	4.075	29362573	128838.65	16.1	4889.76	169405	1102.1866 ng/ml
Olanzapine	4.339	4076521	45285.45	58.9	7859.81	96265	924.3416 ng/ml
Oxazepam	5.740	698337	1309.88	73.4	3865.73	49243	916.4124 ng/ml
Oxycodone	2.822	6988796	∞	30.4	11797.15	373252	762.1398 ng/ml
Oxymorphone	1.411	3376753	∞	46.3	2187.59	100972	970.9537 ng/ml
Phentermine	3.776	4003995	2088.46	4.0	376.47	789361	606.5060 ng/ml
Promethazine	5.541	19123828	4506.85	30.3	176828.35	721524	994.1178 ng/ml
Pseudoephedrine	2.583	23383499	74331.31	14.7	190532.44	756978	1099.8305 ng/ml
Quetiapine	5.510	10266322	110029.24	58.9	103005.84	170942	819.3461 ng/ml
Sertraline	5.773	2212280	57563.00	95.3	24113.44	81898	1041.1508 ng/ml
Temazepam	5.807	1794404	7721.49	30.3	958.71	116082	925.0819 ng/ml
Tramadol	4.239	16794335	96.64	3.6	56.21	1004128	815.0775 ng/ml
Trazodone	5.025	8061622	603.22	71.2	94199.26	734301	429.0832 ng/ml
Venlafaxine	5.042	17409309	78686.17	32.0	699.87	868186	1065.3407 ng/ml
Zolpidem	4.816	22058868	340671.94	28.6	11524.58	1135738	943.7009 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

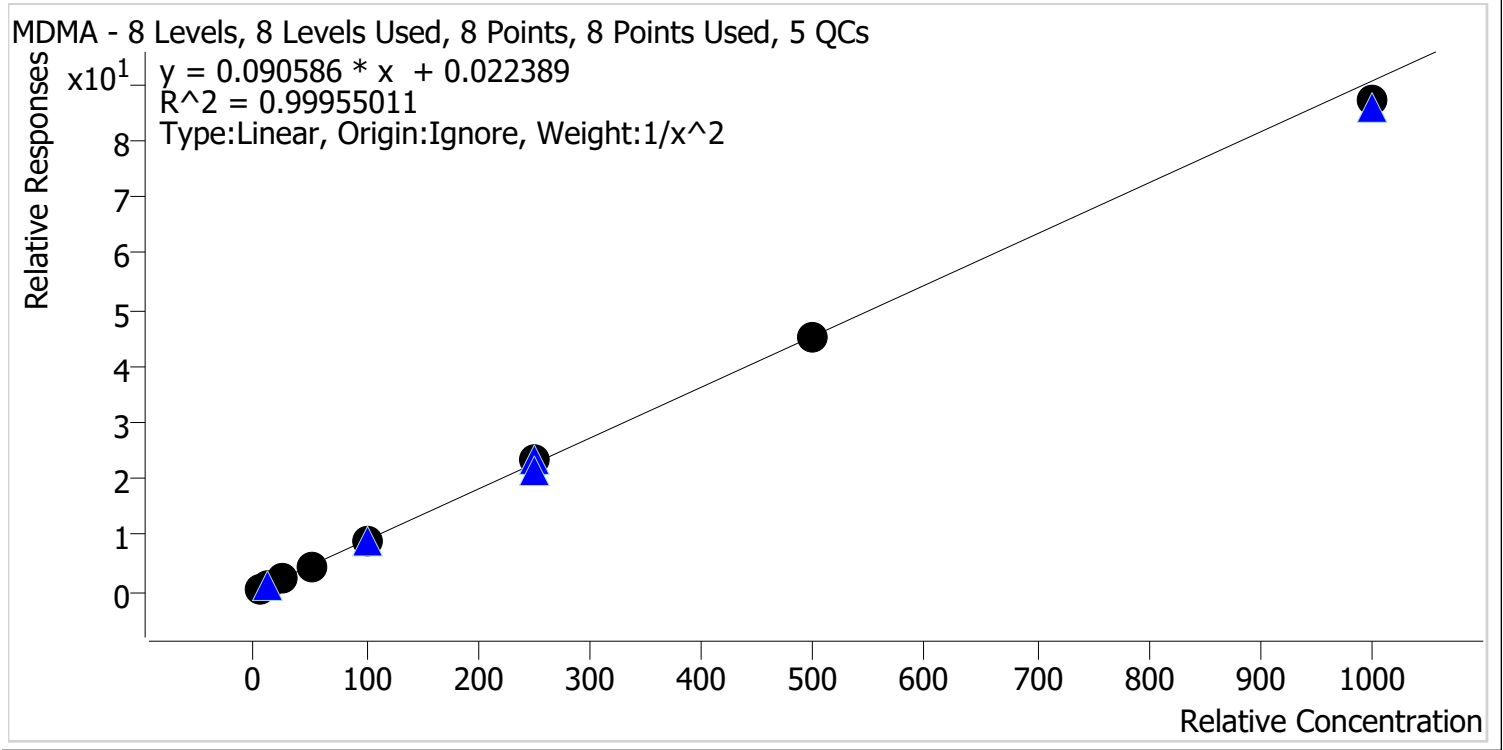


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	208.0	83.2
p1 Cal 7-500ng	7	✗	500.0	352.6	70.5
p1 Cal 8-1000ng	8	✗	1000.0	617.3	61.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

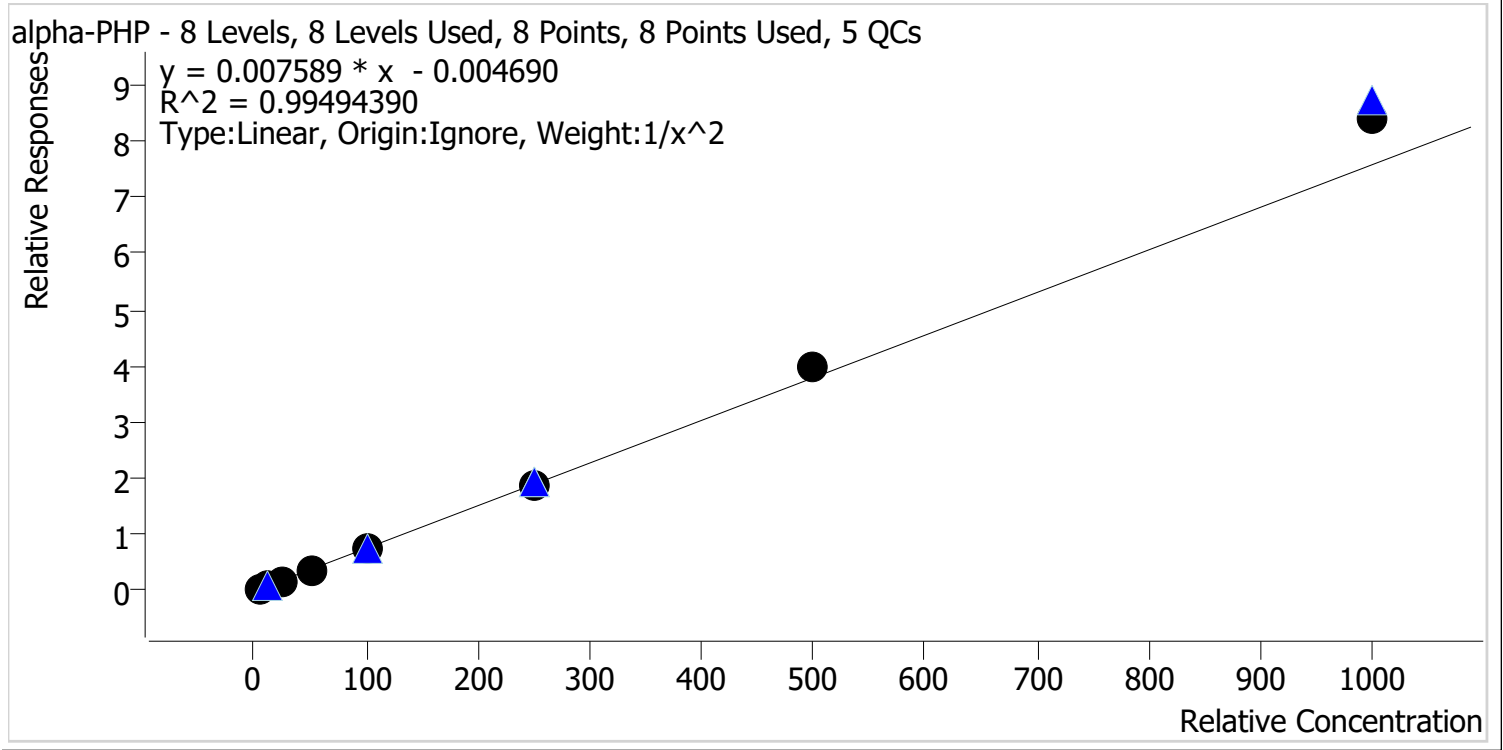


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	498.3	99.7
p1 Cal 8-1000ng	8	✓	1000.0	961.4	96.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

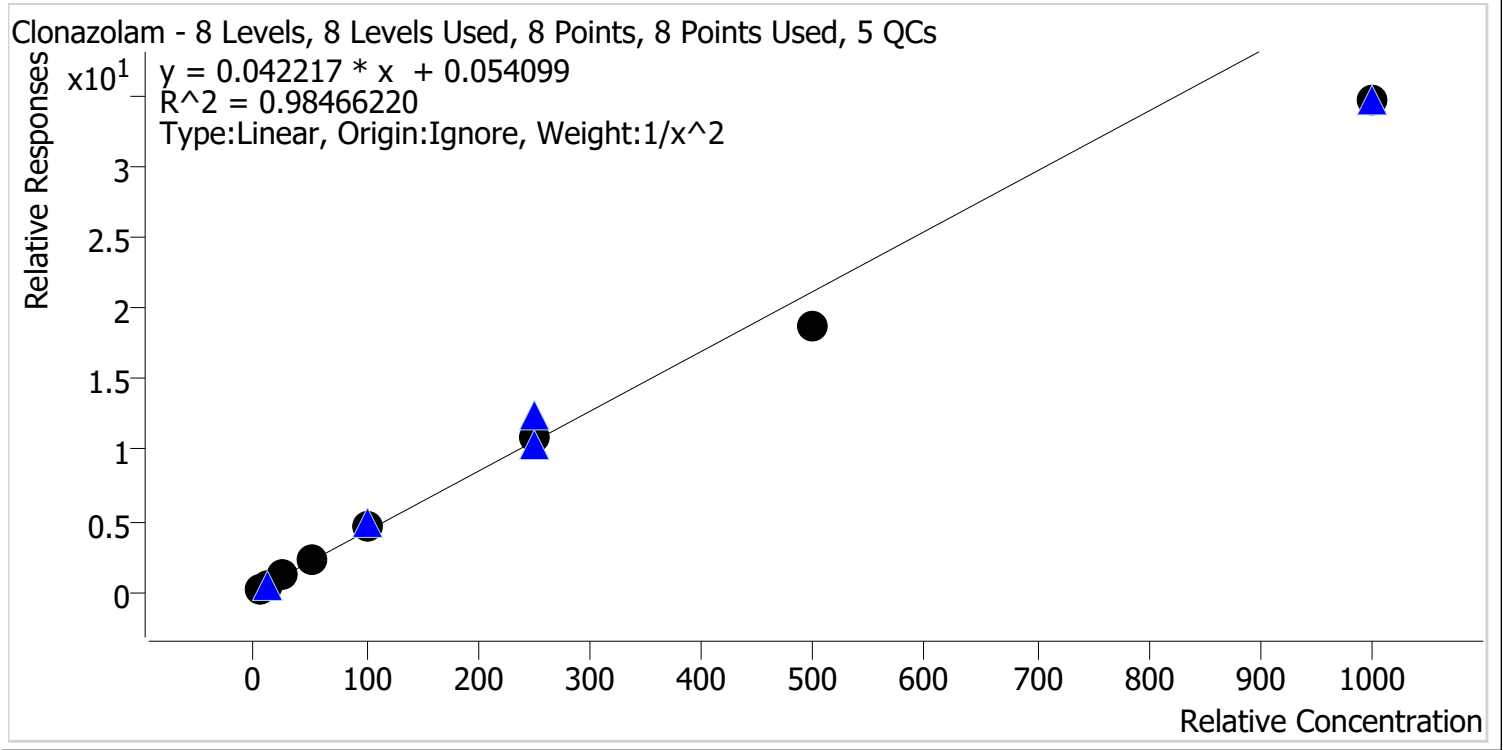


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	528.6	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1105.4	110.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



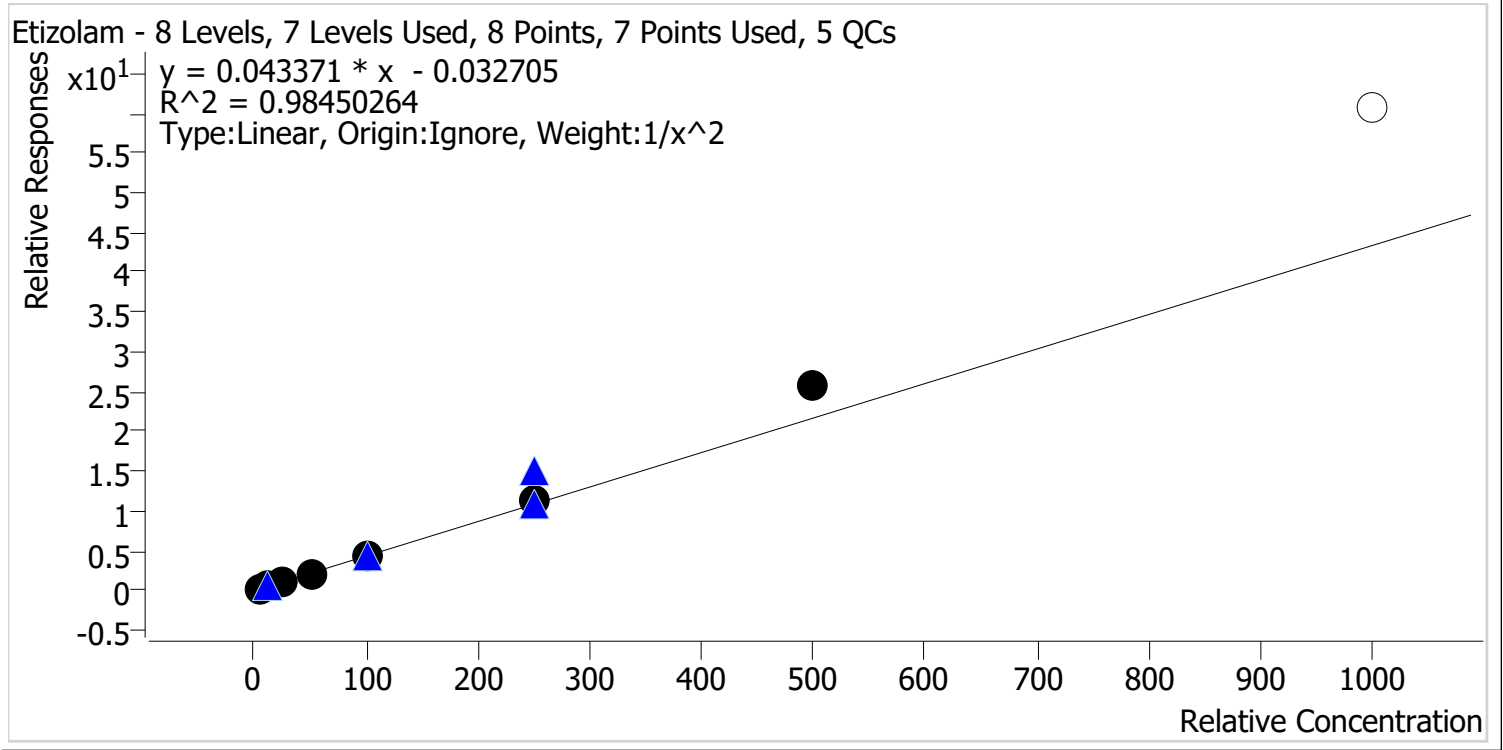
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	109.6	109.6
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	441.8	88.4
p1 Cal 8-1000ng	8	✓	1000.0	815.7	81.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

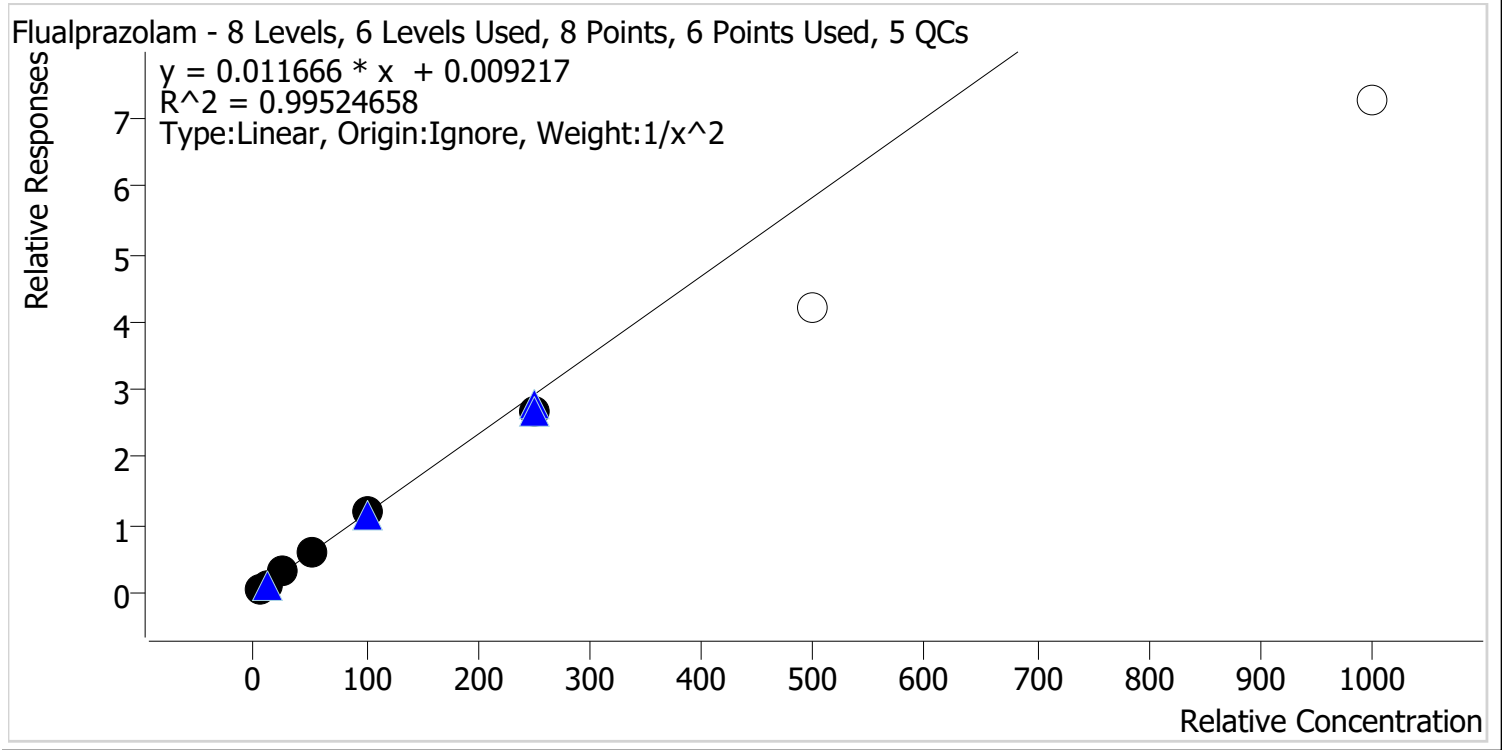


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.5
p1 Cal 3 -25ng	3	✓	25.0	22.0	88.0
p1 Cal 4-50ng	4	✓	50.0	45.4	90.9
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	266.3	106.5
p1 Cal 7-500ng	7	✓	500.0	591.2	118.2
p1 Cal 8-1000ng	8	✗	1000.0	1396.8	139.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.4	93.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng	7	x	500.0	360.2	72.0
p1 Cal 8-1000ng	8	x	1000.0	621.5	62.2

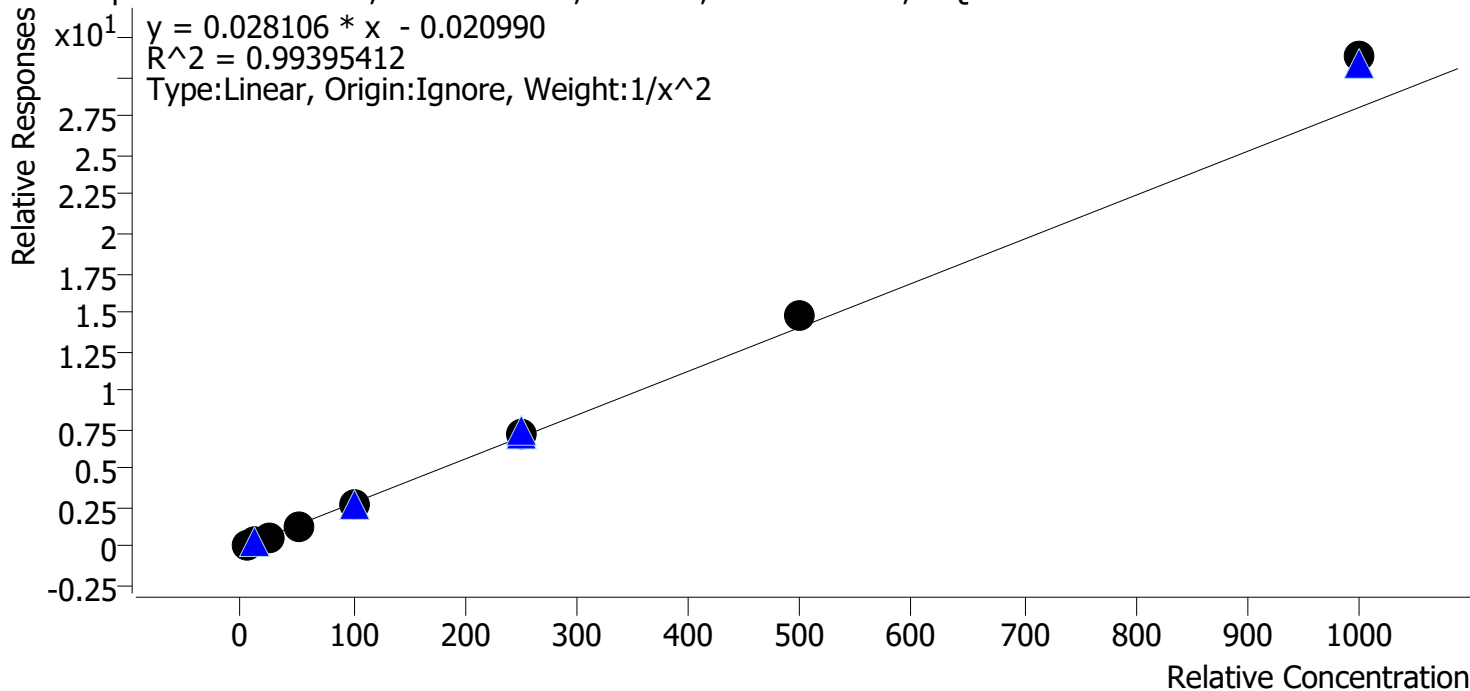
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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

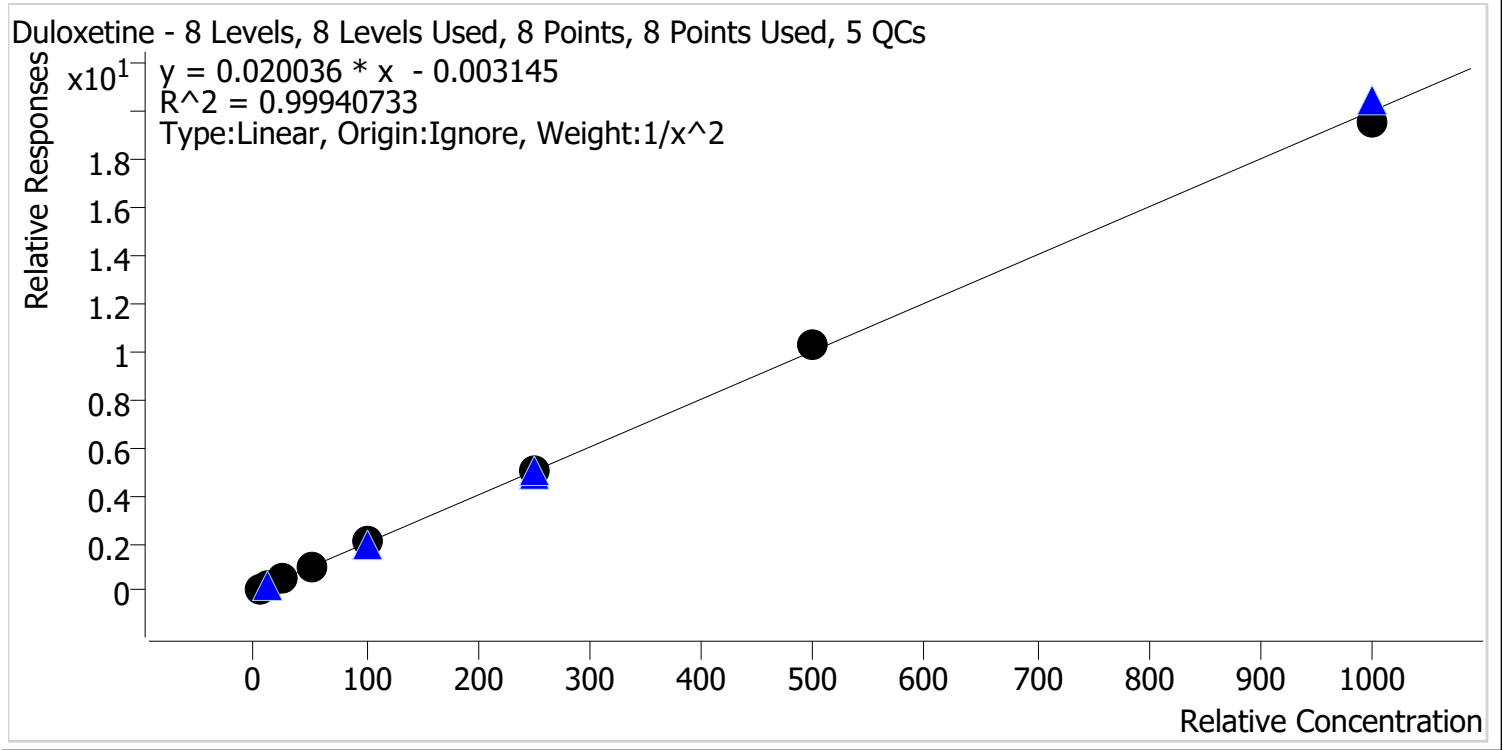


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	46.5	92.9
p1 Cal 5-100ng	5	✓	100.0	95.4	95.4
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	528.6	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1115.7	111.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



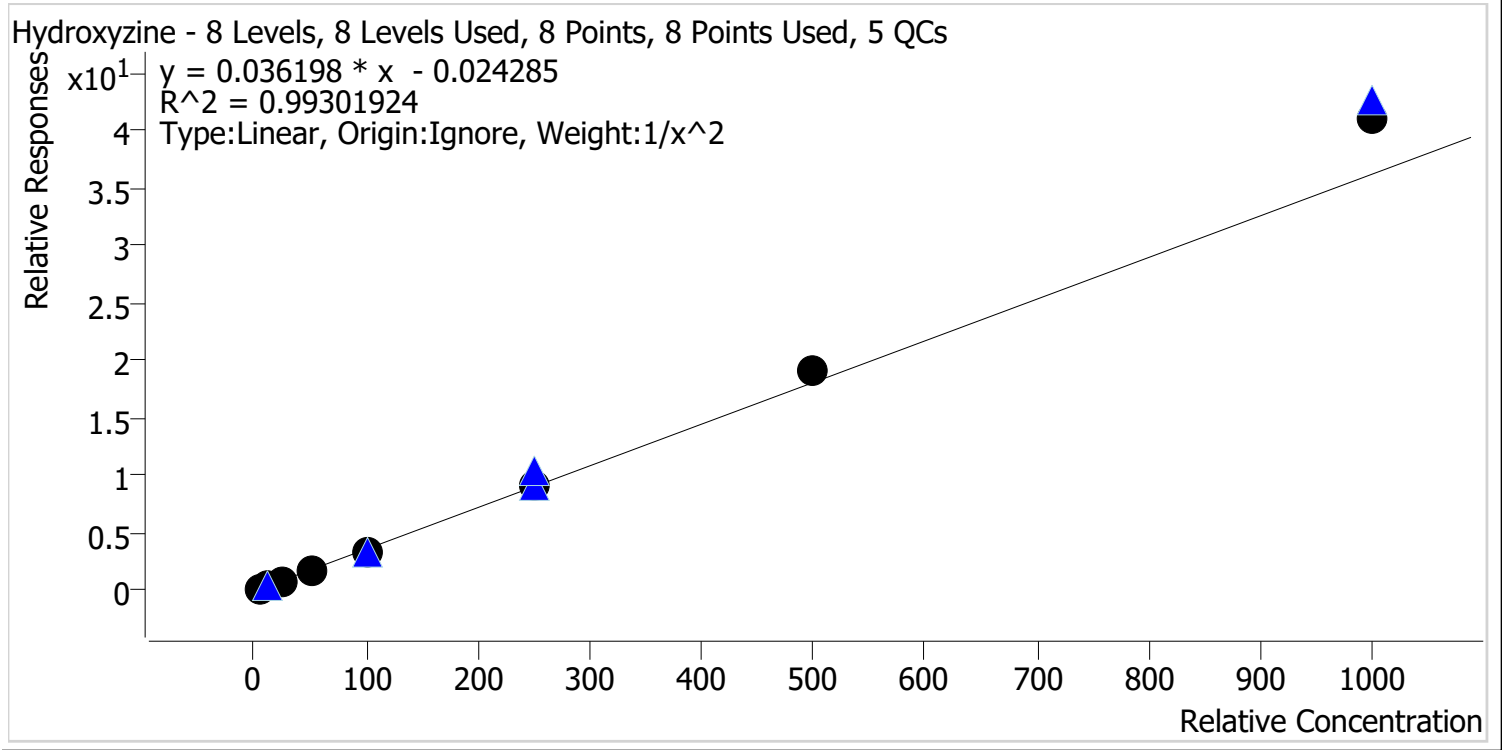
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	975.5	97.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

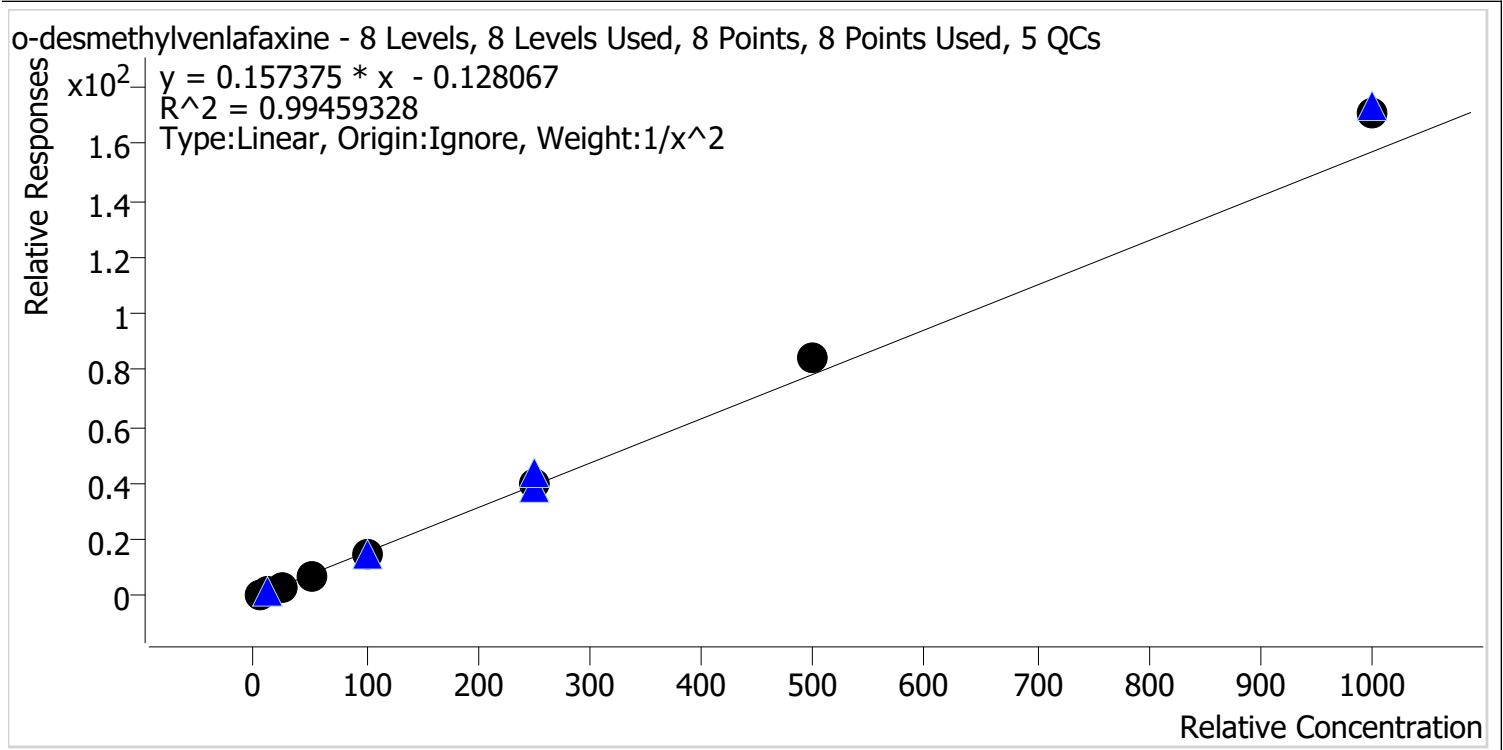


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	532.0	106.4
p1 Cal 8-1000ng	8	✓	1000.0	1130.8	113.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

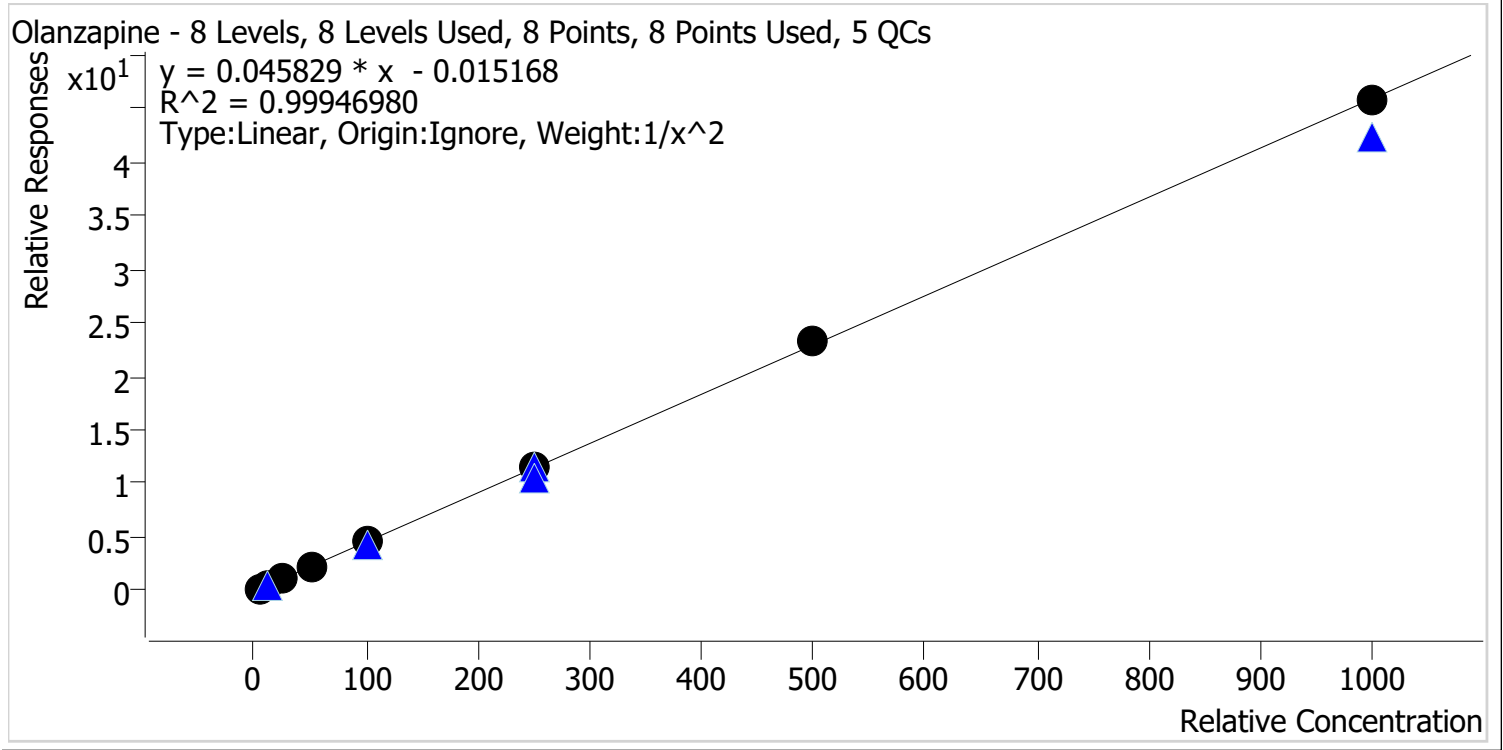


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.8
p1 Cal 4-50ng	4	✓	50.0	46.3	92.7
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	537.7	107.5
p1 Cal 8-1000ng	8	✓	1000.0	1088.6	108.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

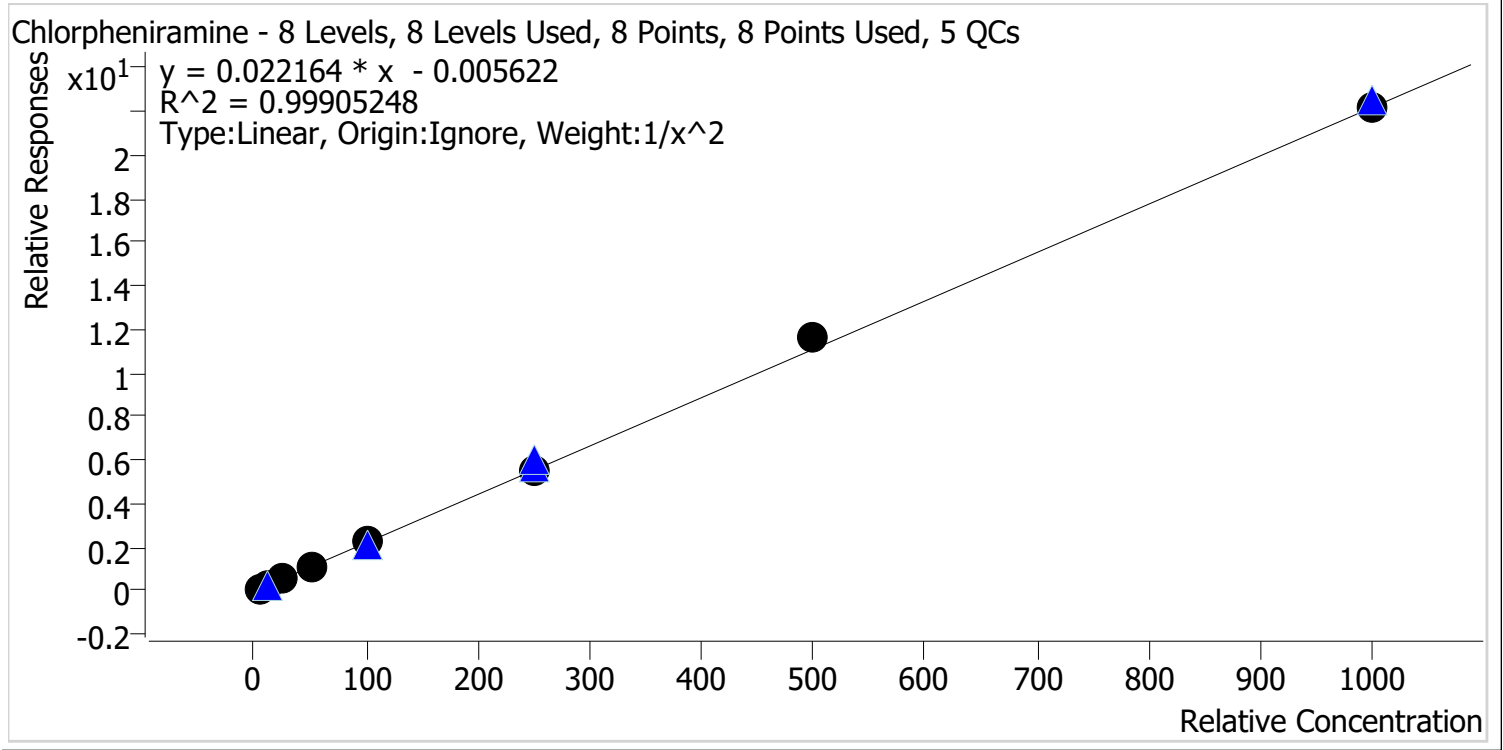


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	508.1	101.6
p1 Cal 8-1000ng	8	✓	1000.0	996.4	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

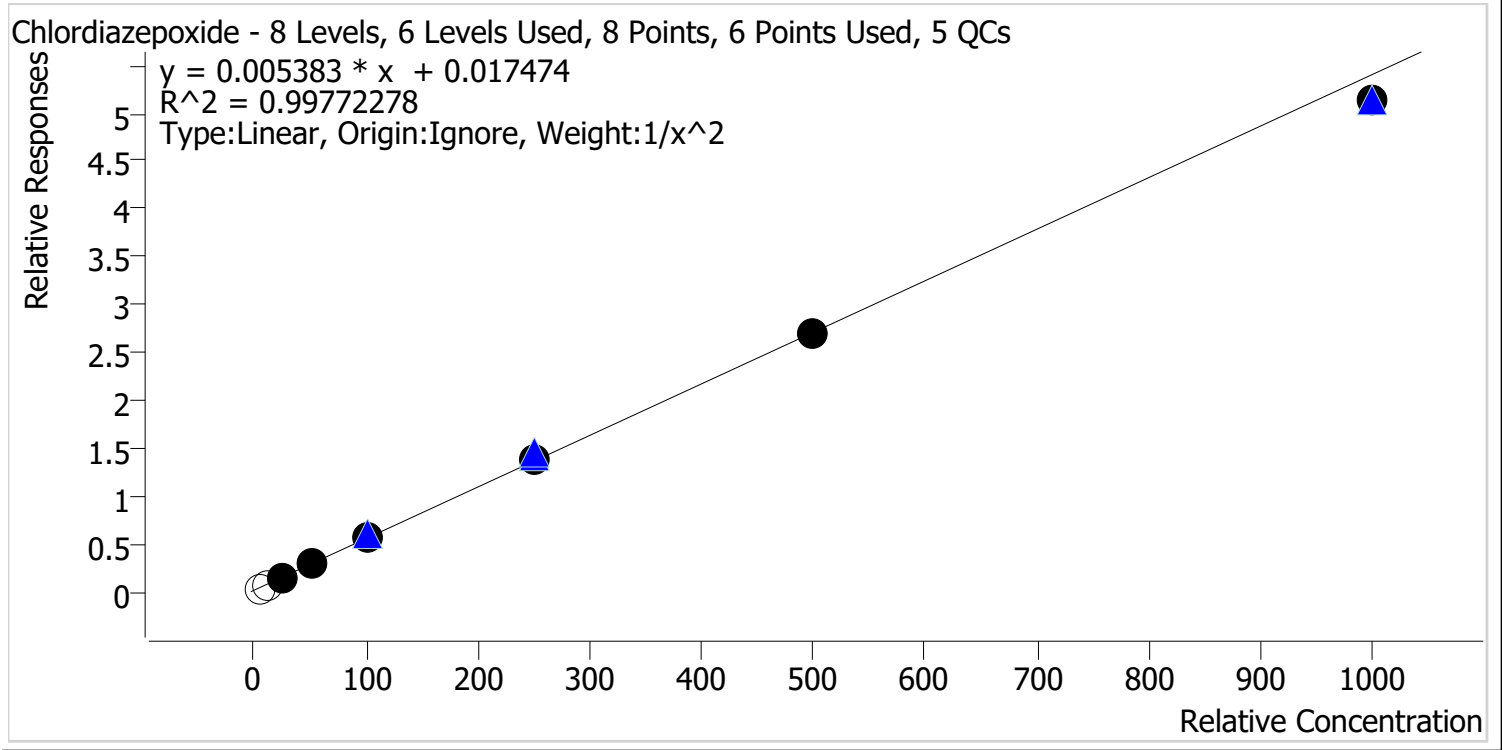


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1001.8	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

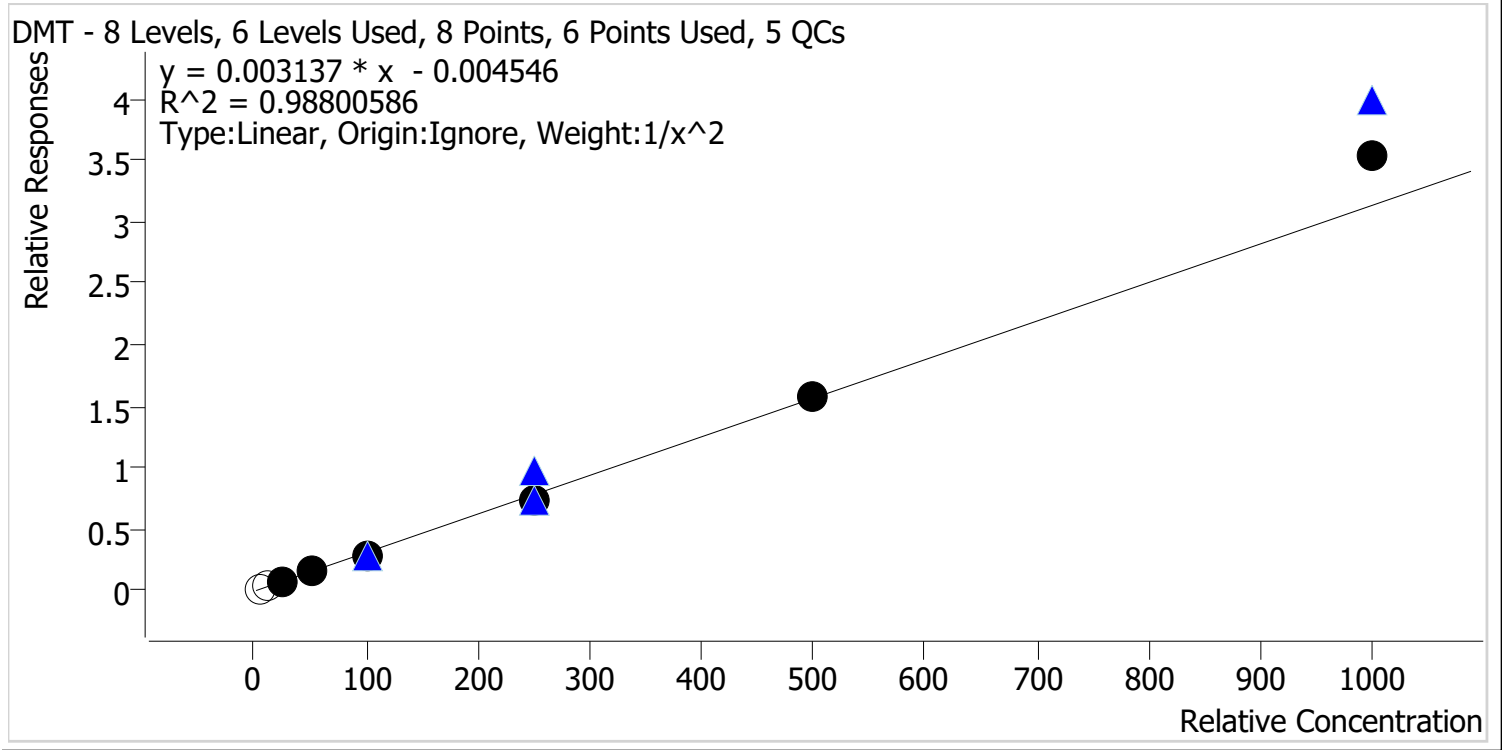


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	2.6	52.0
p1 Cal 2-10ng	2	x	10.0	8.0	80.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	498.1	99.6
p1 Cal 8-1000ng	8	✓	1000.0	947.7	94.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

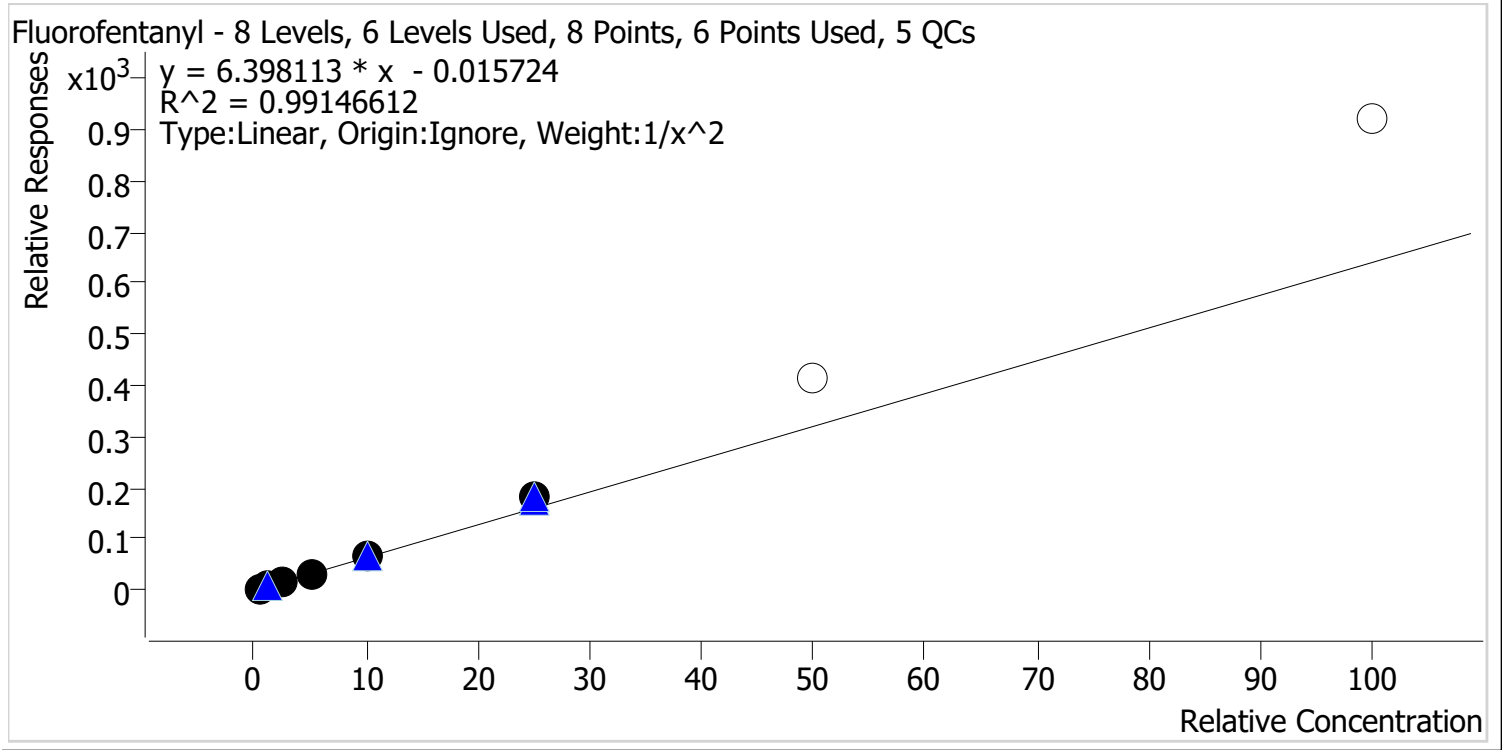


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	6.3	125.9
p1 Cal 2-10ng	2	x	10.0	11.9	119.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	87.9	87.9
p1 Cal 6-250ng	6	✓	250.0	231.1	92.4
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1130.6	113.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

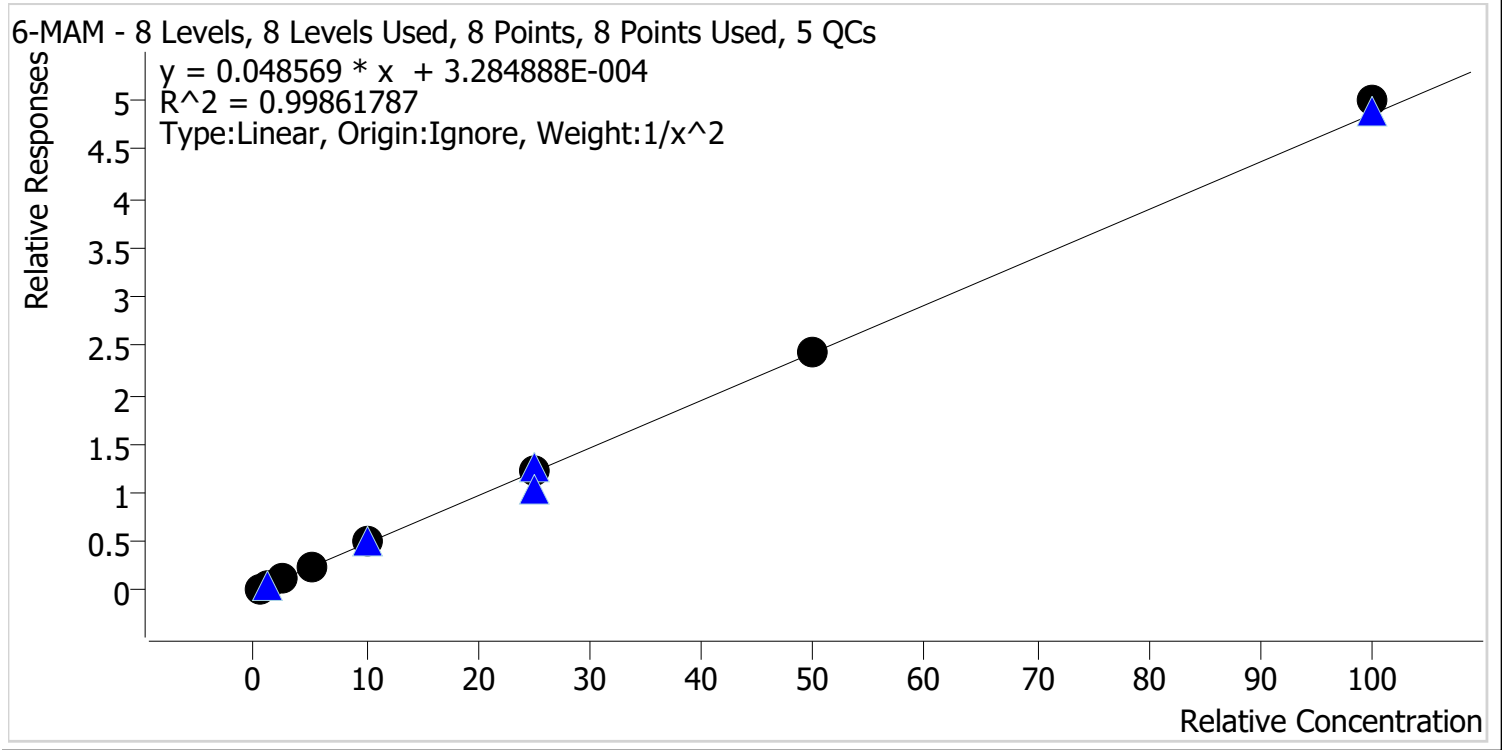


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	99.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.6
p1 Cal 4-50ng	4	✓	5.0	4.6	91.3
p1 Cal 5-100ng	5	✓	10.0	10.1	100.8
p1 Cal 6-250ng	6	✓	25.0	28.2	112.8
p1 Cal 7-500ng	7	x	50.0	64.4	128.7
p1 Cal 8-1000ng	8	x	100.0	143.8	143.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

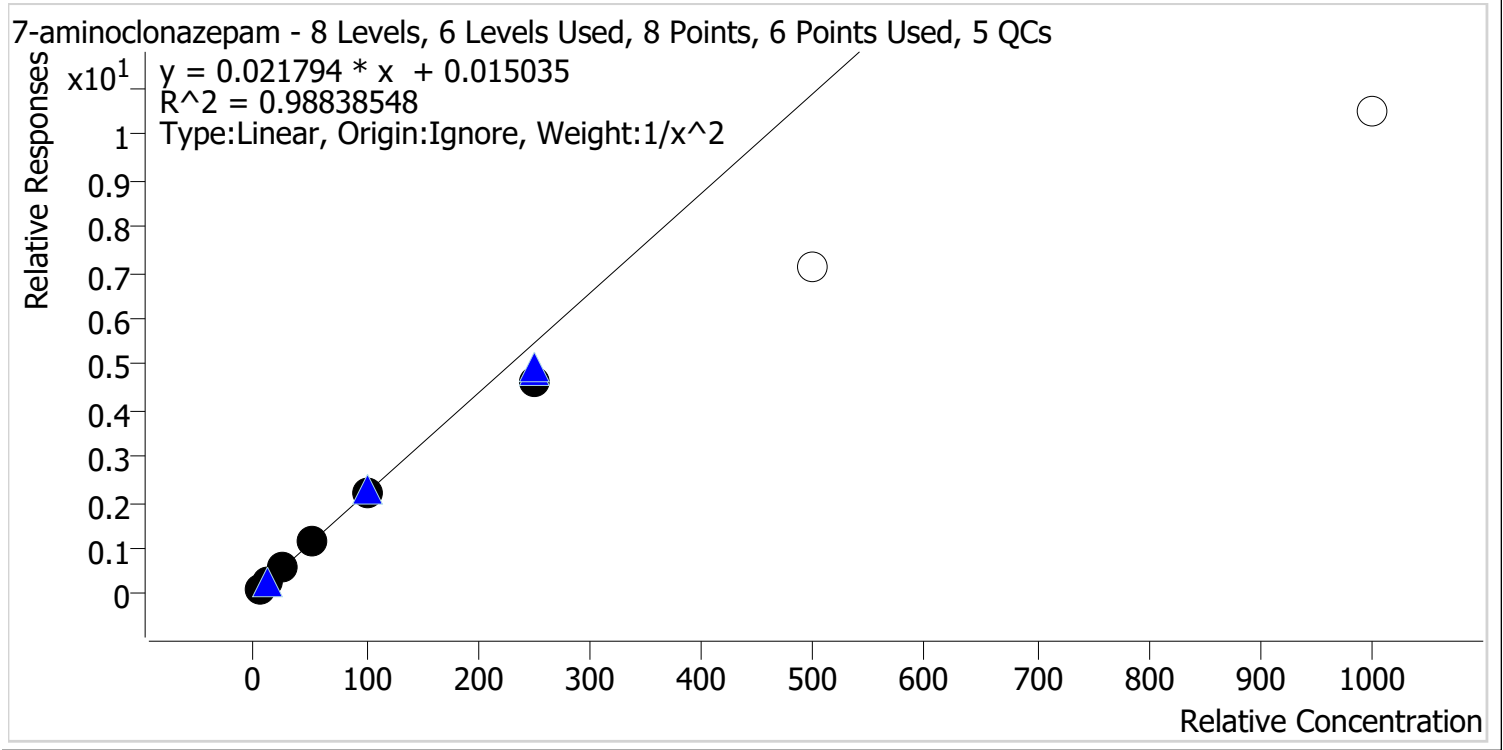


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.1
p1 Cal 5-100ng	5	✓	10.0	10.5	104.7
p1 Cal 6-250ng	6	✓	25.0	25.1	100.6
p1 Cal 7-500ng	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✓	100.0	102.9	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	210.6	84.2
p1 Cal 7-500ng	7	x	500.0	326.2	65.2
p1 Cal 8-1000ng	8	x	1000.0	480.6	48.1

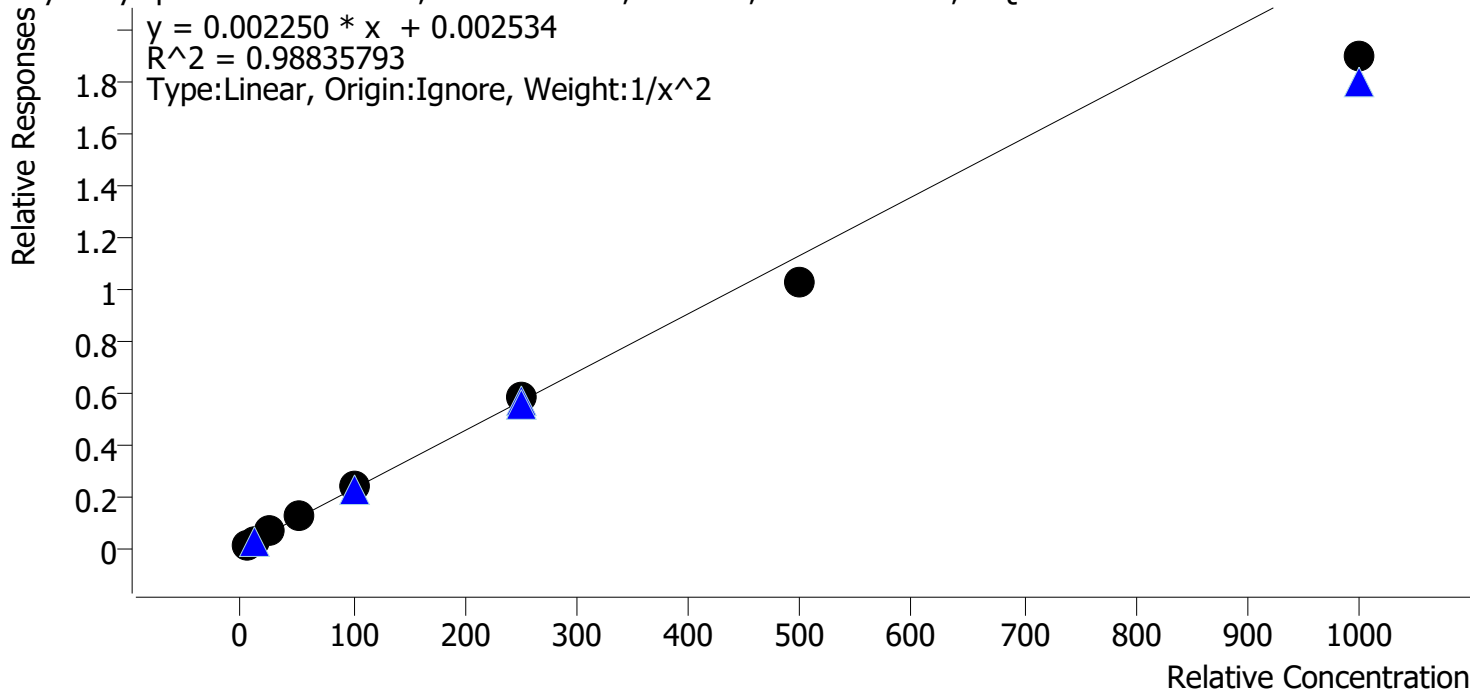
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

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



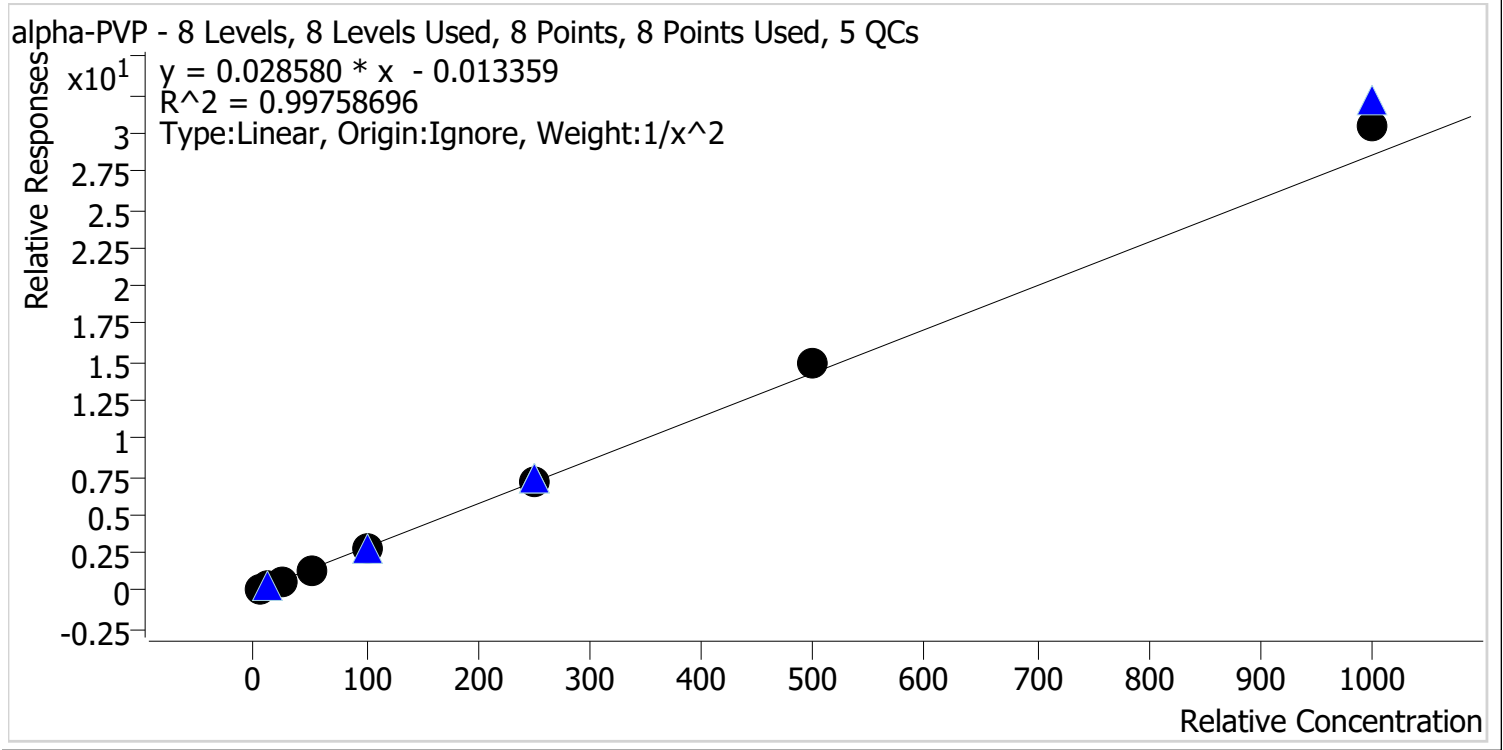
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.3
p1 Cal 2-10ng	2	✓	10.0	11.0	109.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	455.0	91.0
p1 Cal 8-1000ng	8	✓	1000.0	839.8	84.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

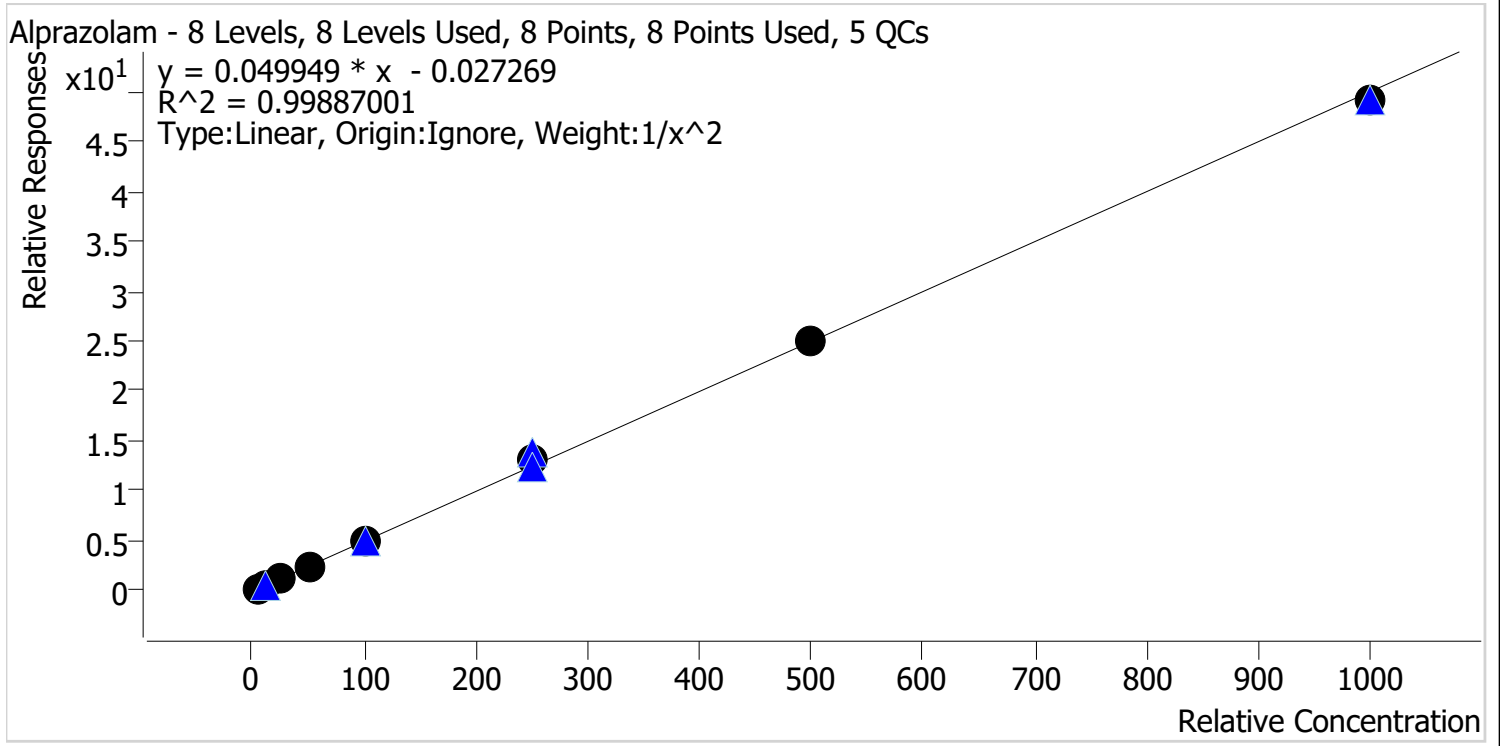


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	46.6	93.1
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	523.0	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1063.9	106.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

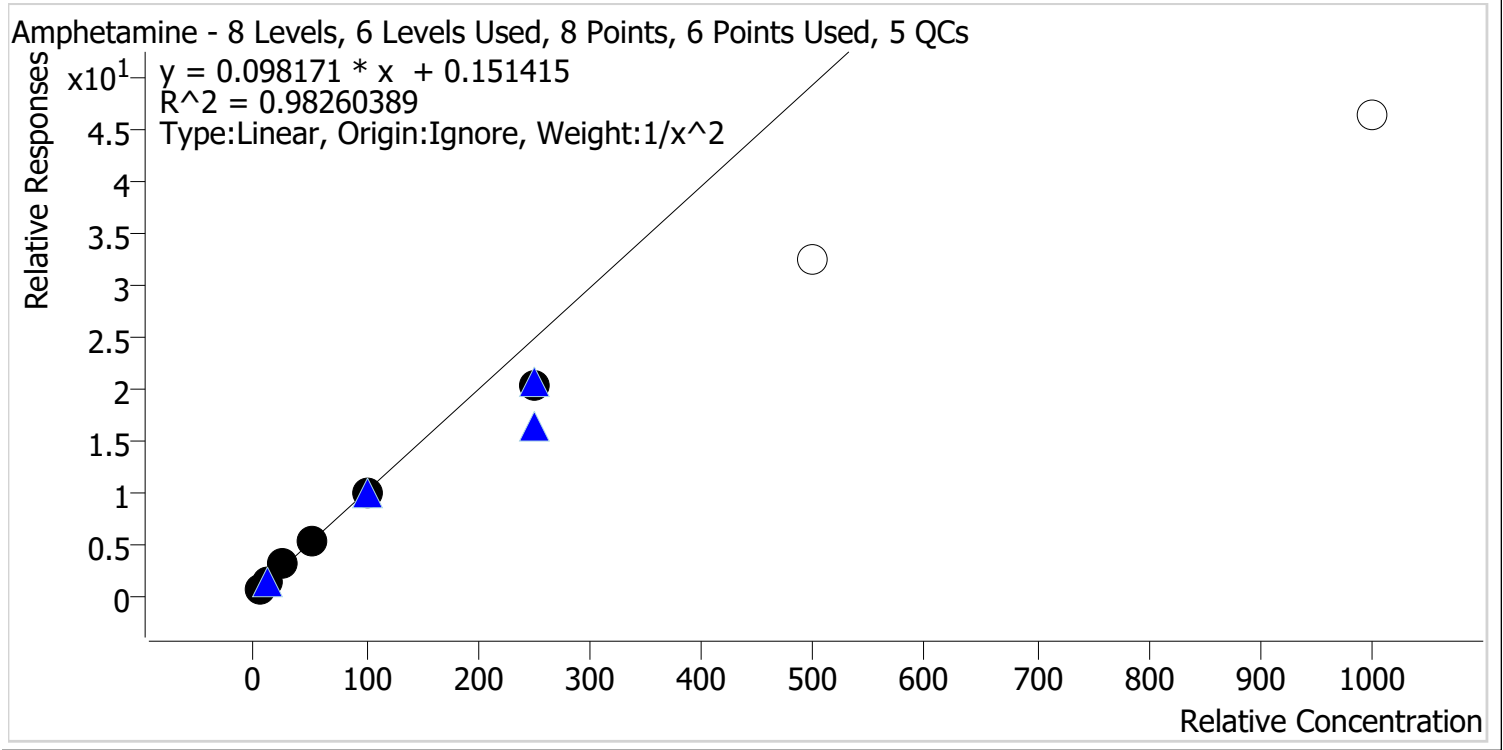


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	982.2	98.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

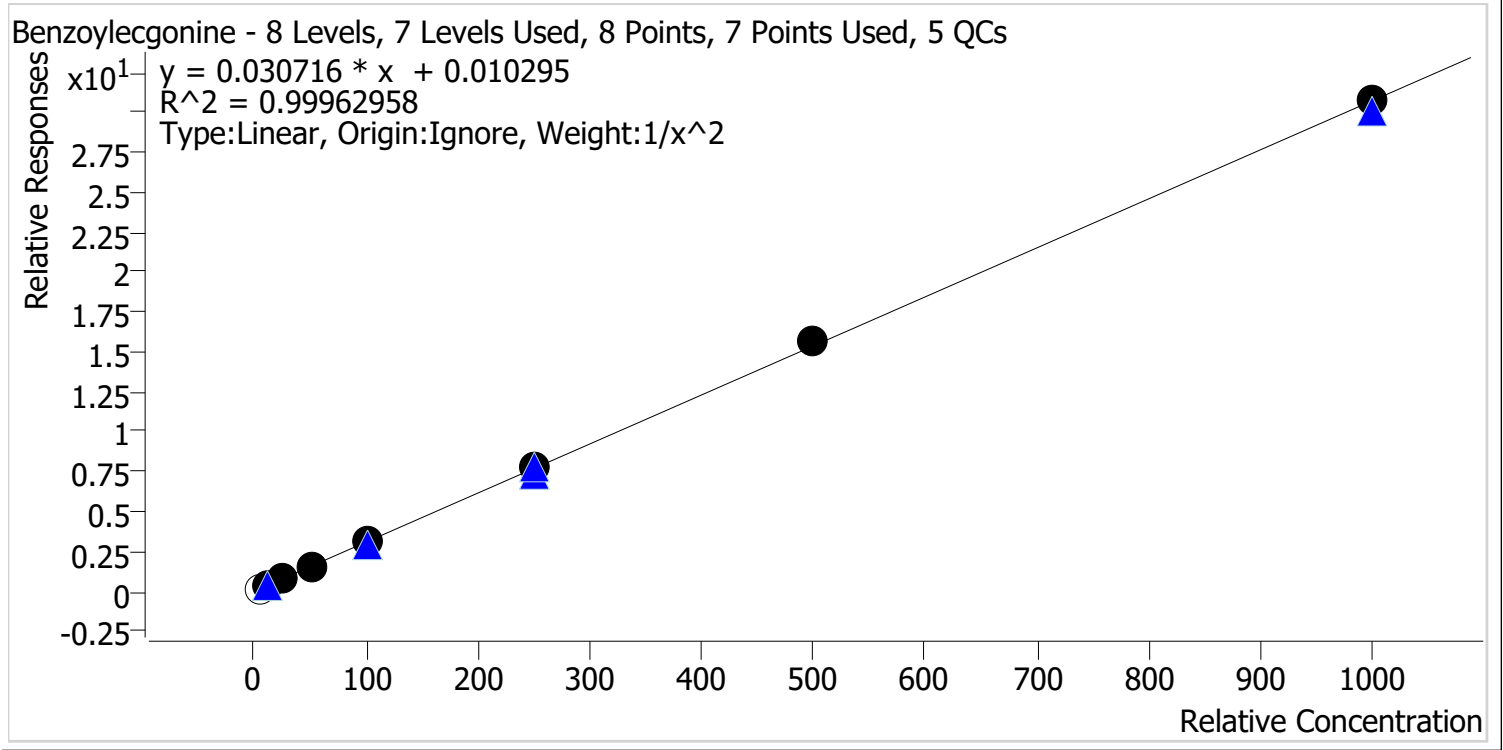


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.9
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.4
p1 Cal 4-50ng	4	✓	50.0	52.9	105.7
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	203.8	81.5
p1 Cal 7-500ng	7	x	500.0	328.9	65.8
p1 Cal 8-1000ng	8	x	1000.0	468.5	46.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



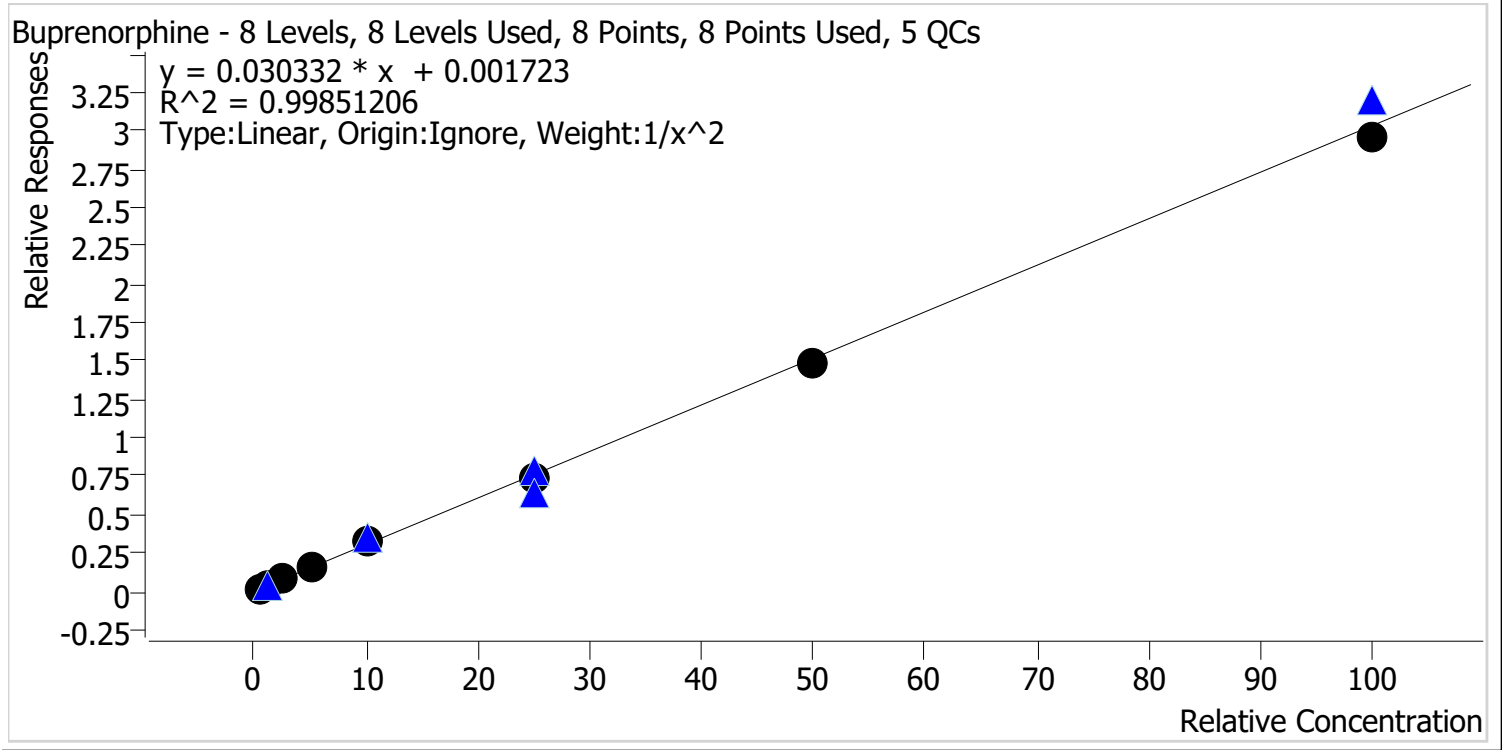
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1000.5	100.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



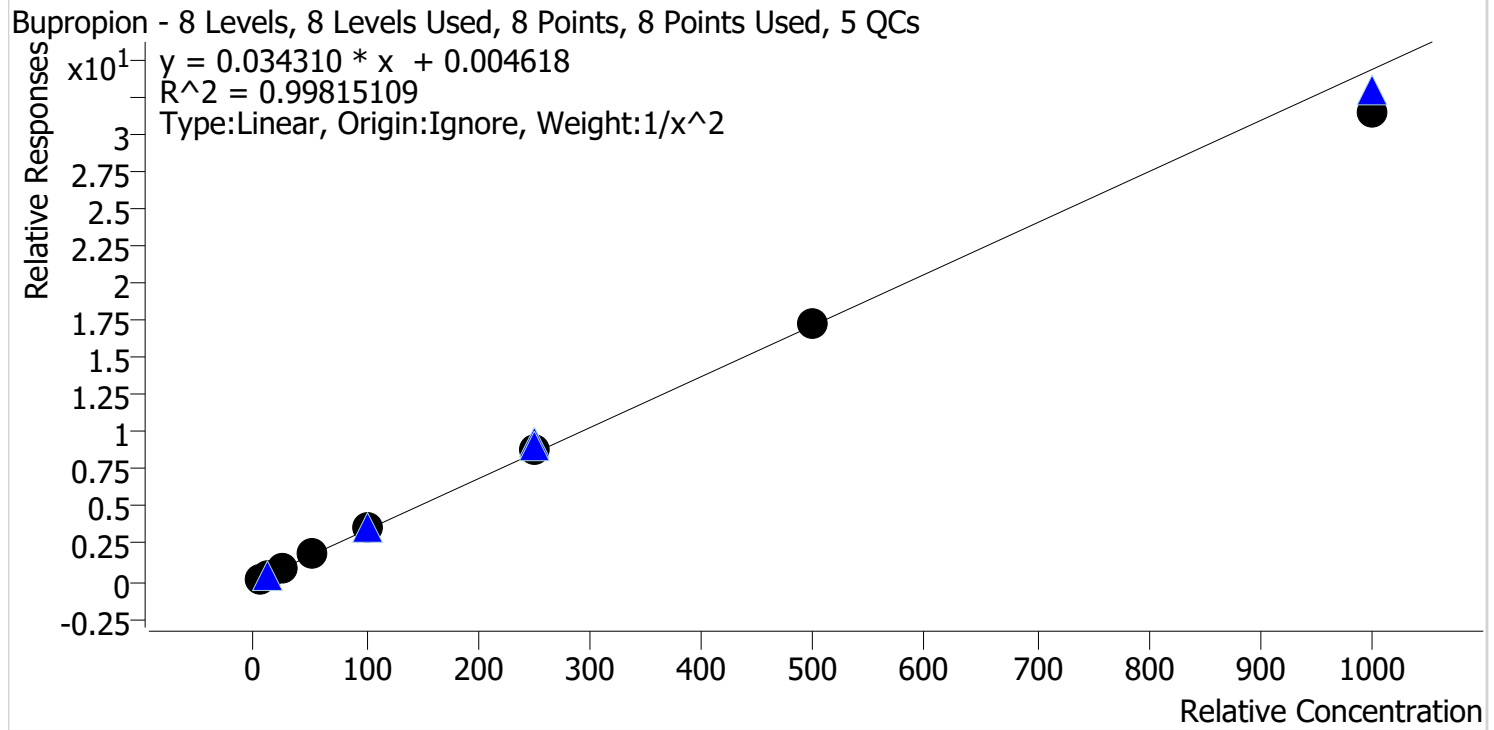
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.9
p1 Cal 2-10ng	2	✓	1.0	1.0	98.4
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.8
p1 Cal 4-50ng	4	✓	5.0	4.9	97.7
p1 Cal 5-100ng	5	✓	10.0	10.6	105.8
p1 Cal 6-250ng	6	✓	25.0	24.5	98.2
p1 Cal 7-500ng	7	✓	50.0	48.9	97.9
p1 Cal 8-1000ng	8	✓	100.0	97.5	97.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

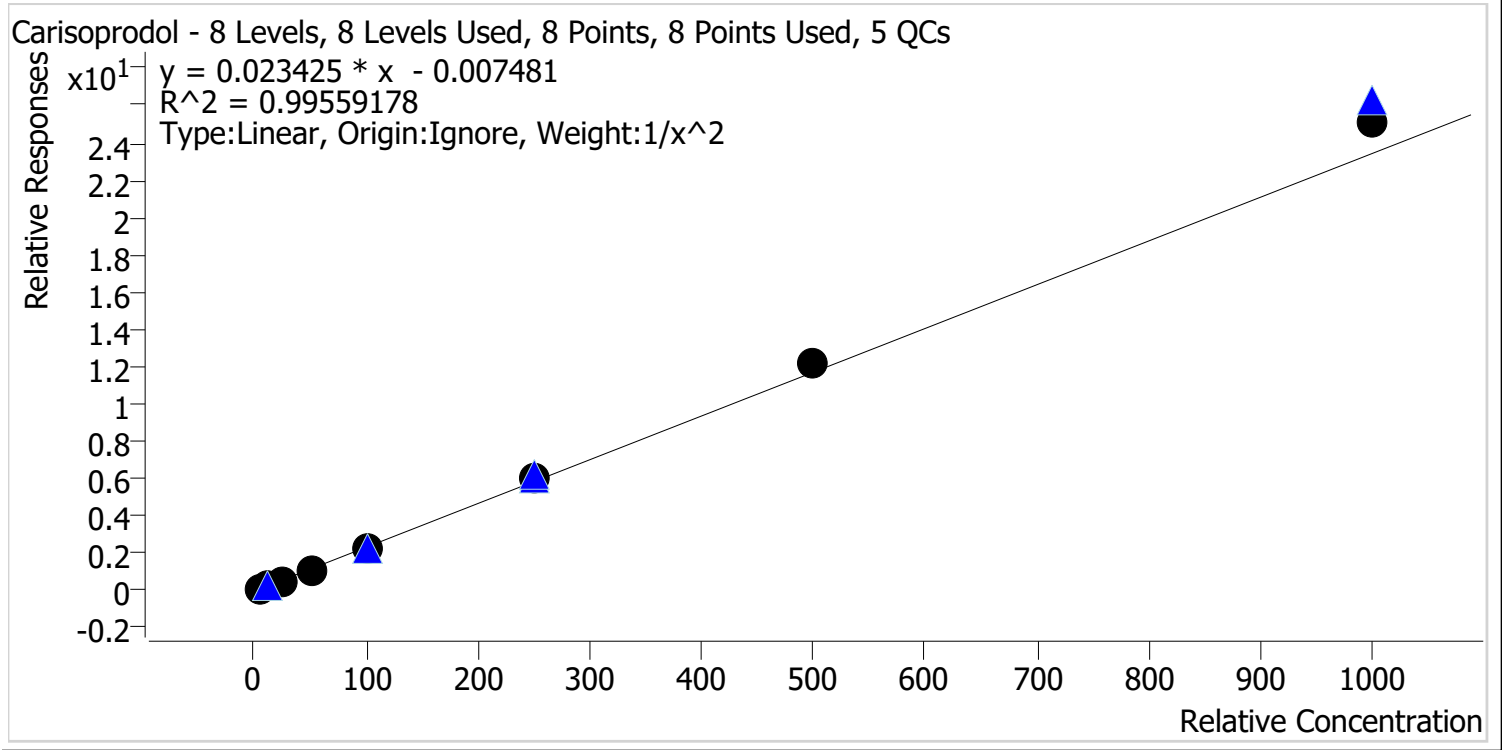


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	917.5	91.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



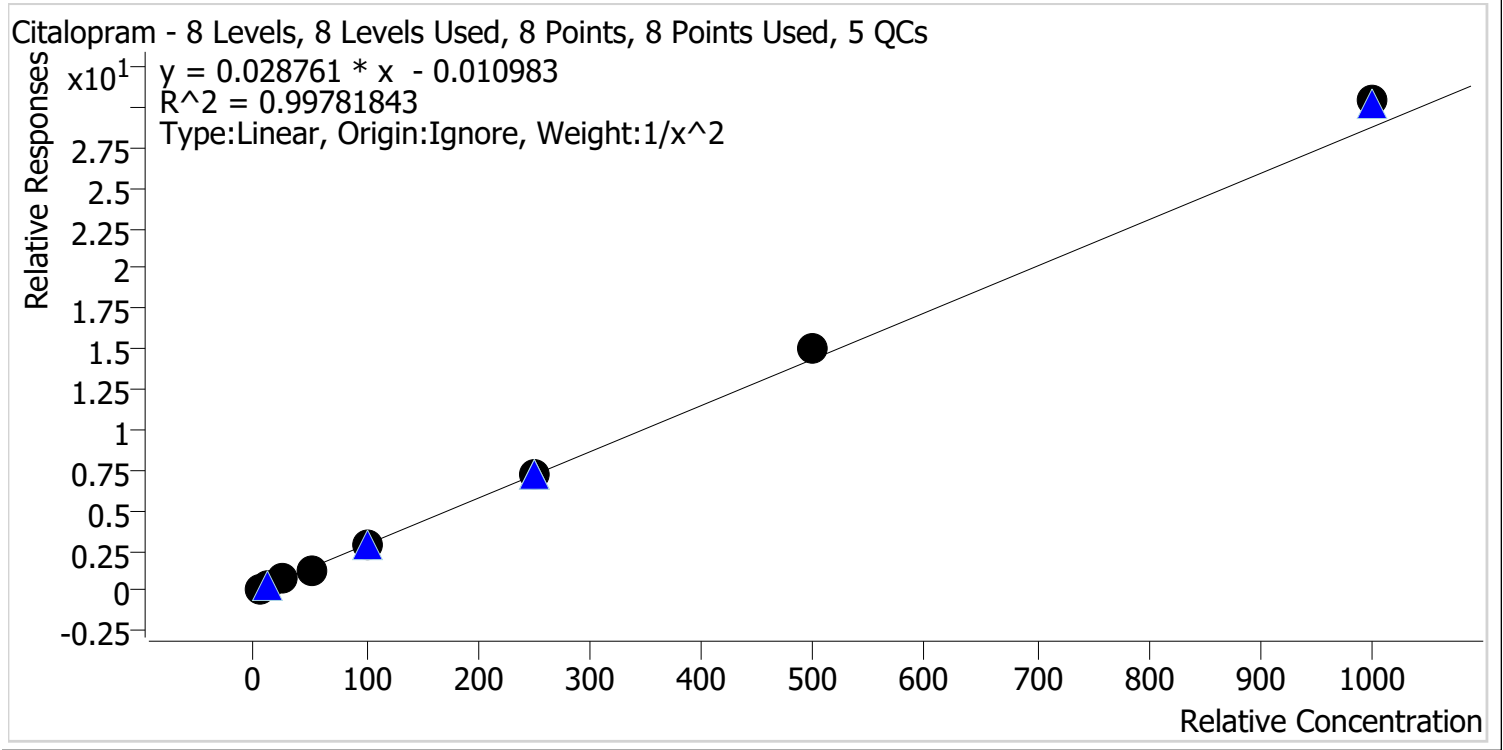
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.8
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	523.0	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1074.8	107.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



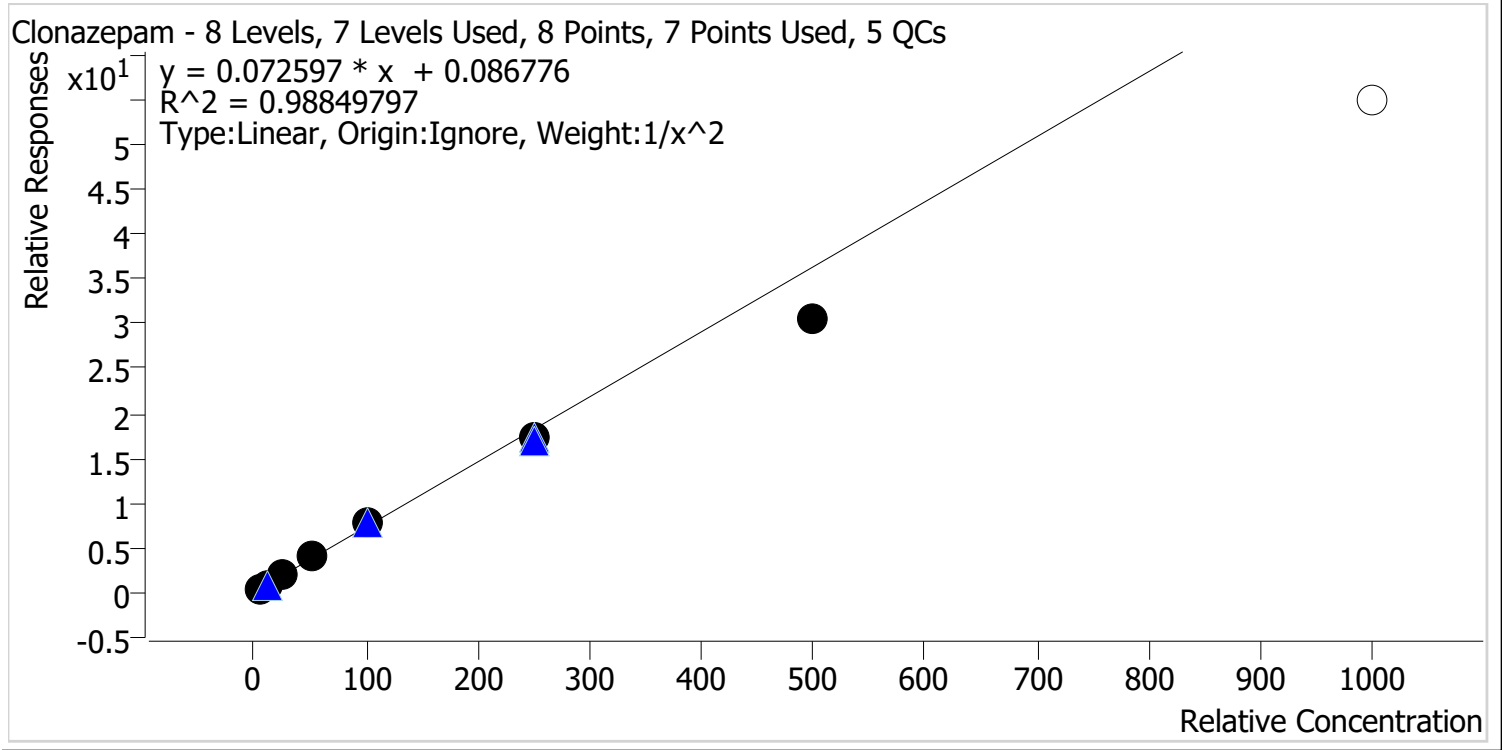
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	523.7	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1057.1	105.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	97.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	237.1	94.8
p1 Cal 7-500ng	7	✓	500.0	418.6	83.7
p1 Cal 8-1000ng	8	✗	1000.0	755.5	75.6

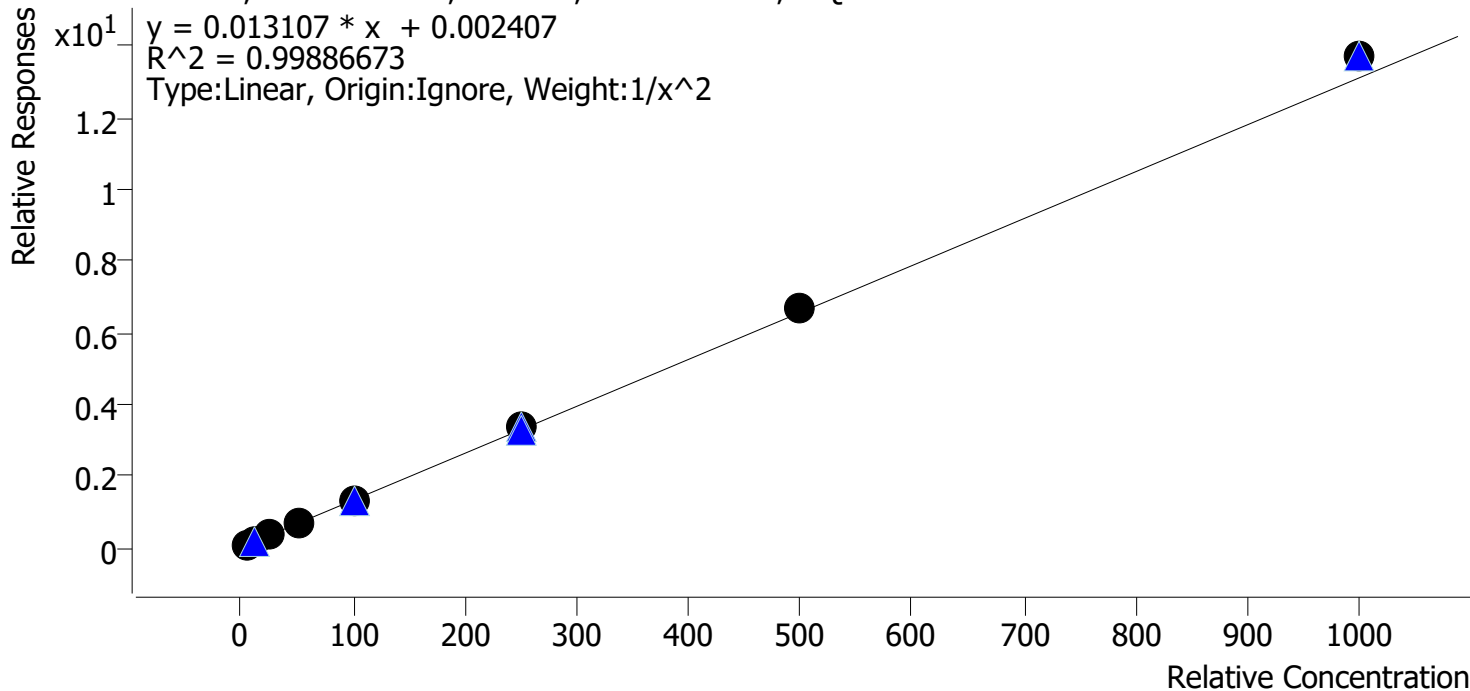
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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

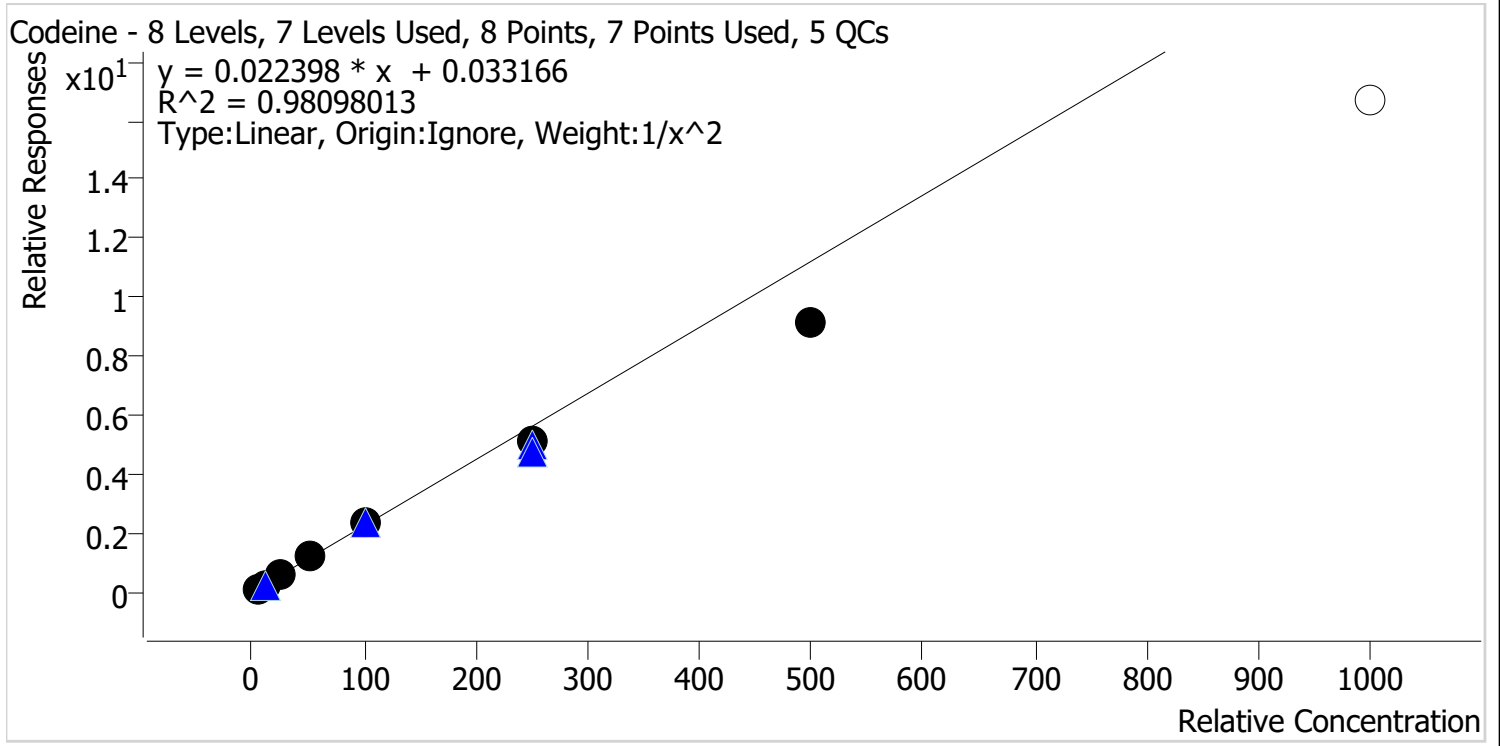


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1045.4	104.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.2
p1 Cal 2-10ng	2	✓	10.0	10.7	107.2
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.6
p1 Cal 4-50ng	4	✓	50.0	55.6	111.3
p1 Cal 5-100ng	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng	6	✓	250.0	225.5	90.2
p1 Cal 7-500ng	7	✓	500.0	405.6	81.1
p1 Cal 8-1000ng	8	✗	1000.0	742.9	74.3

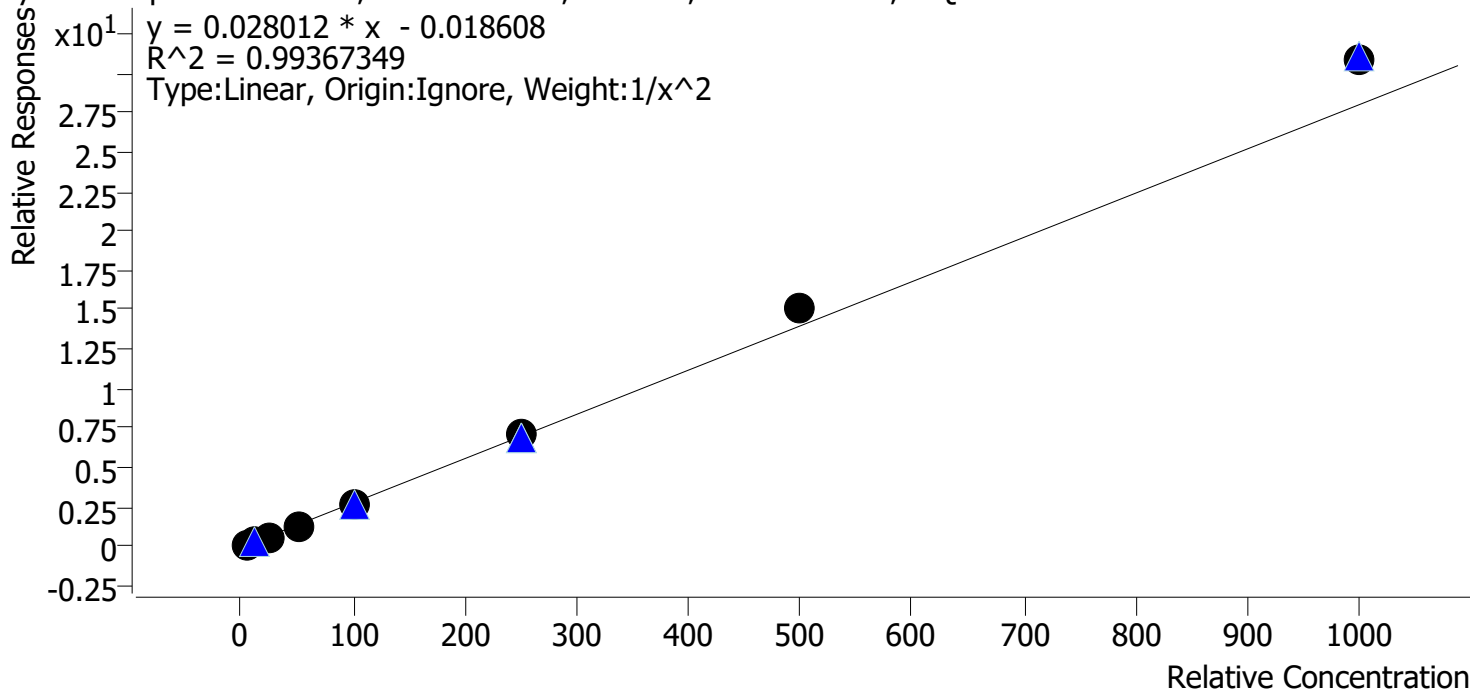
5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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

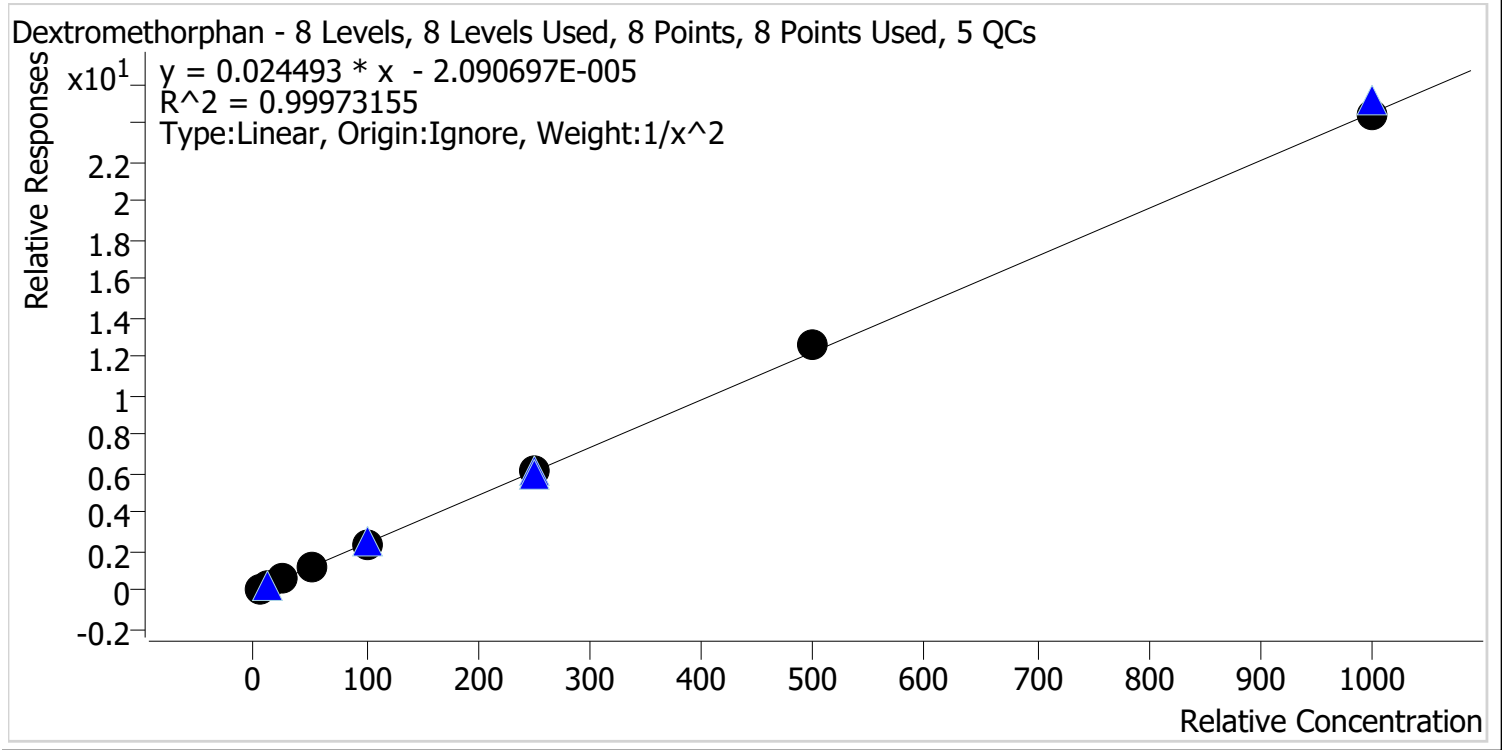


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.8
p1 Cal 4-50ng	4	✓	50.0	45.8	91.5
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
p1 Cal 7-500ng	7	✓	500.0	536.5	107.3
p1 Cal 8-1000ng	8	✓	1000.0	1104.3	110.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

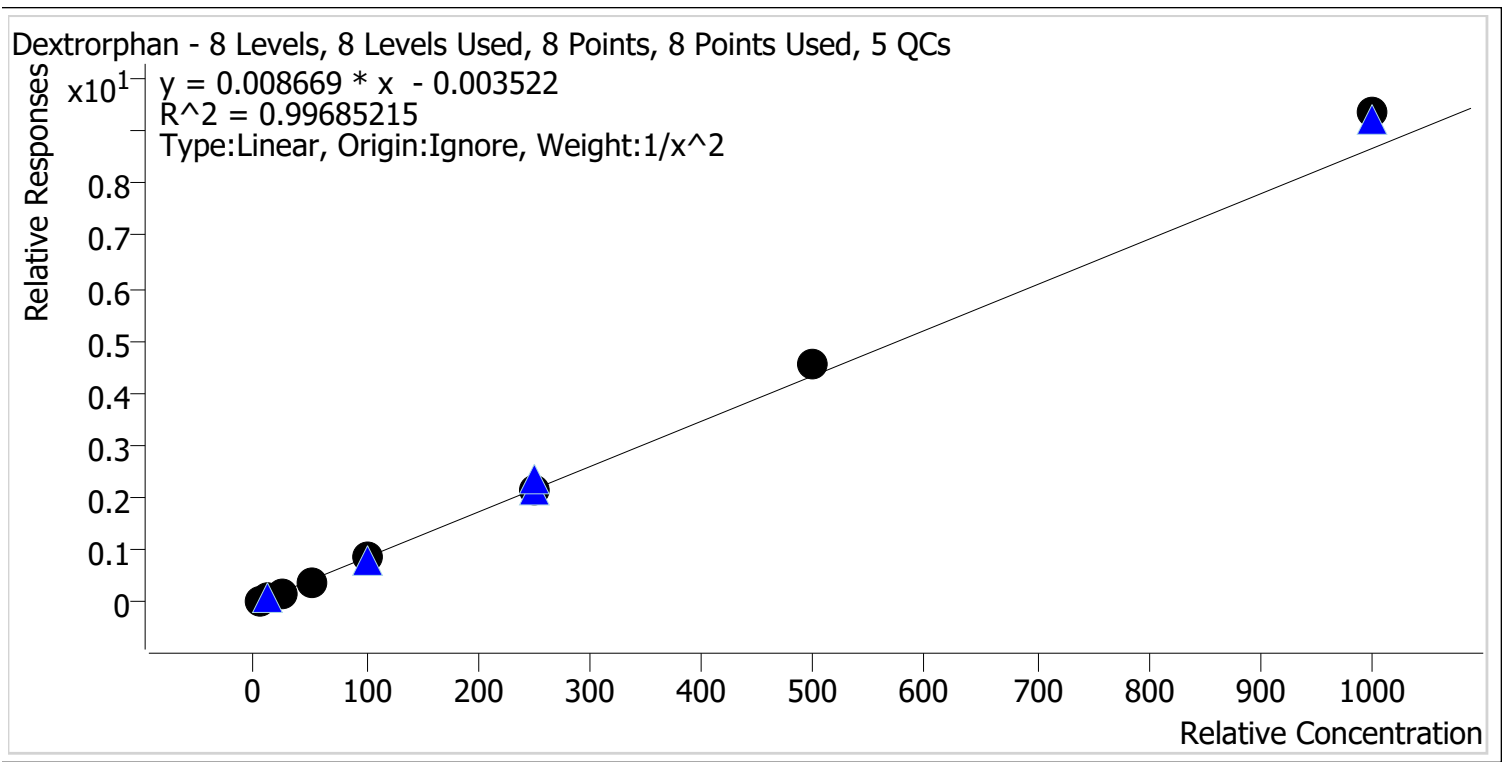


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	998.2	99.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



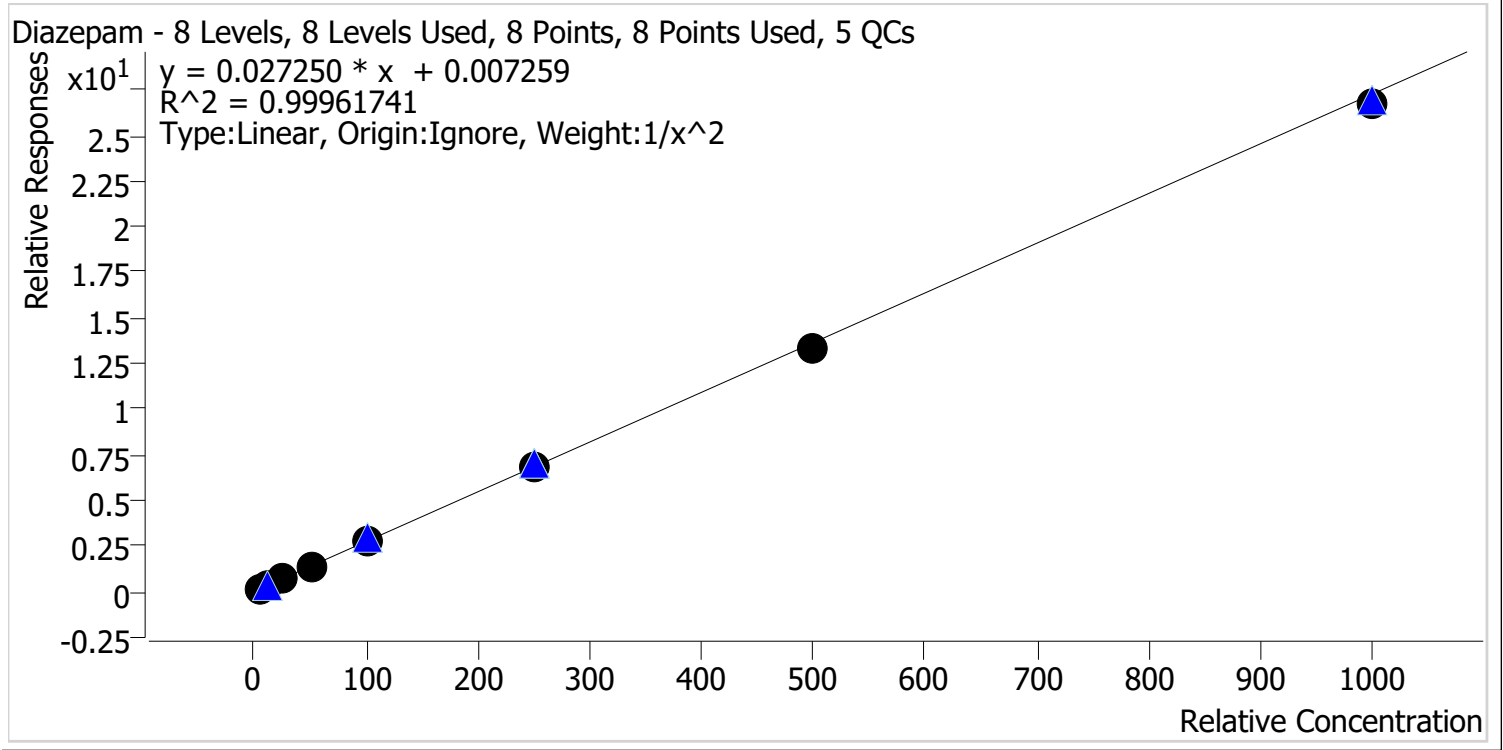
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	522.6	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1078.8	107.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

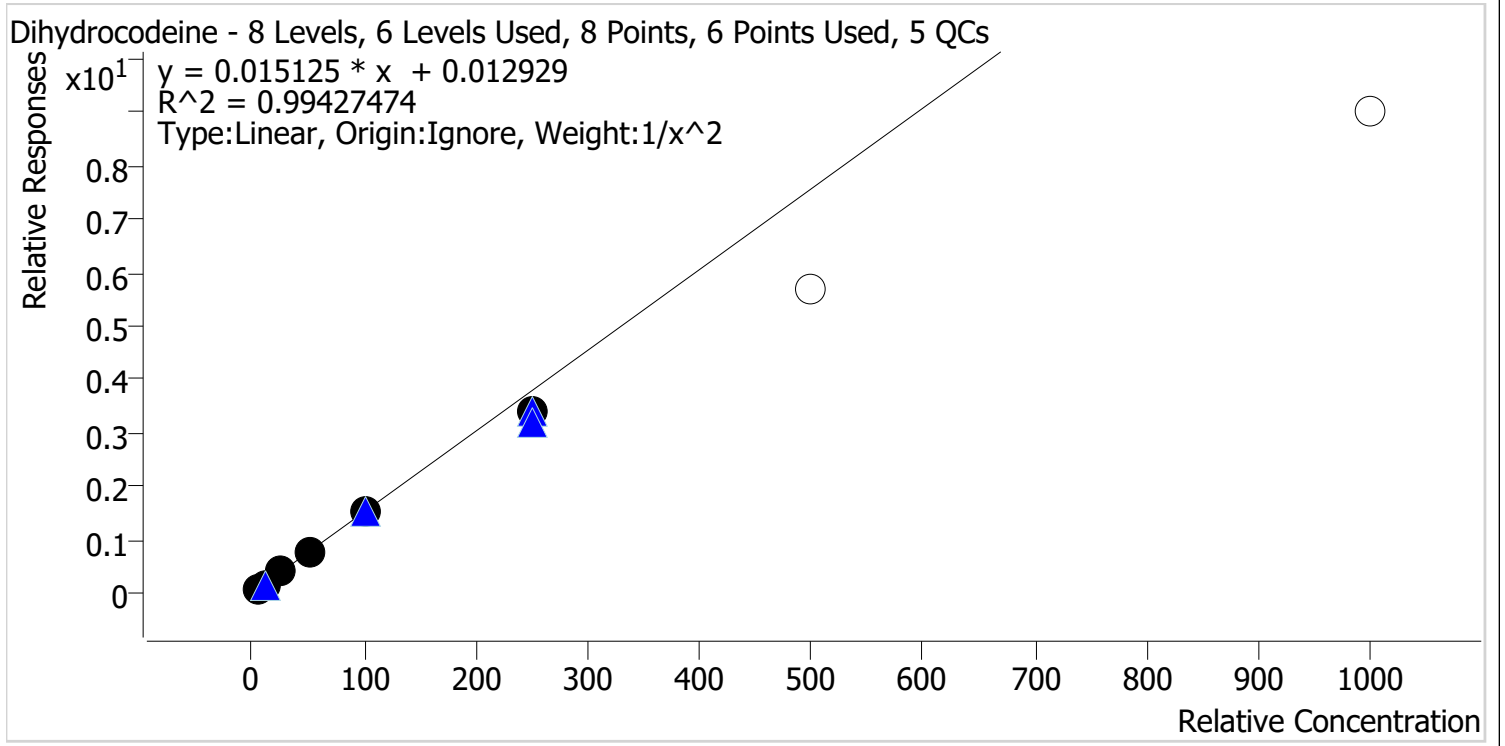


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	488.1	97.6
p1 Cal 8-1000ng	8	✓	1000.0	979.7	98.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	222.4	89.0
p1 Cal 7-500ng	7	✗	500.0	374.8	75.0
p1 Cal 8-1000ng	8	✗	1000.0	595.0	59.5

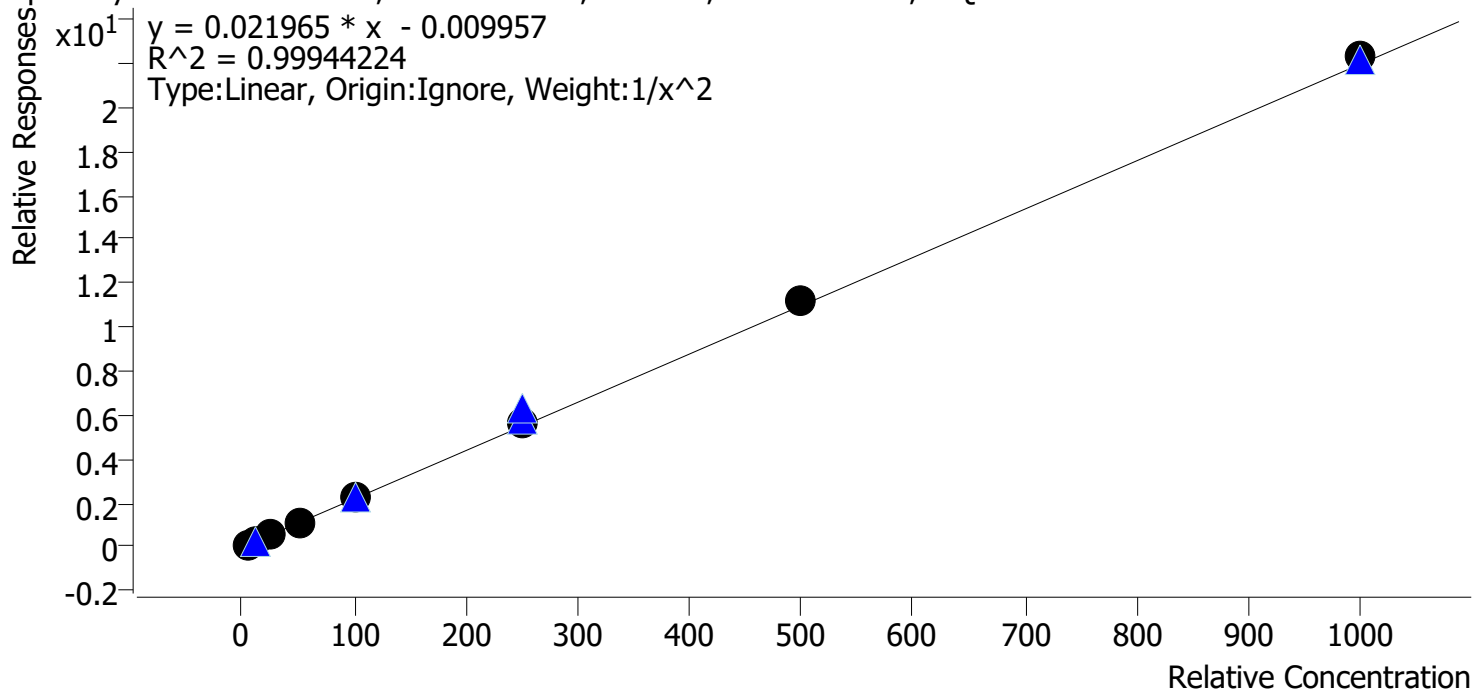
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



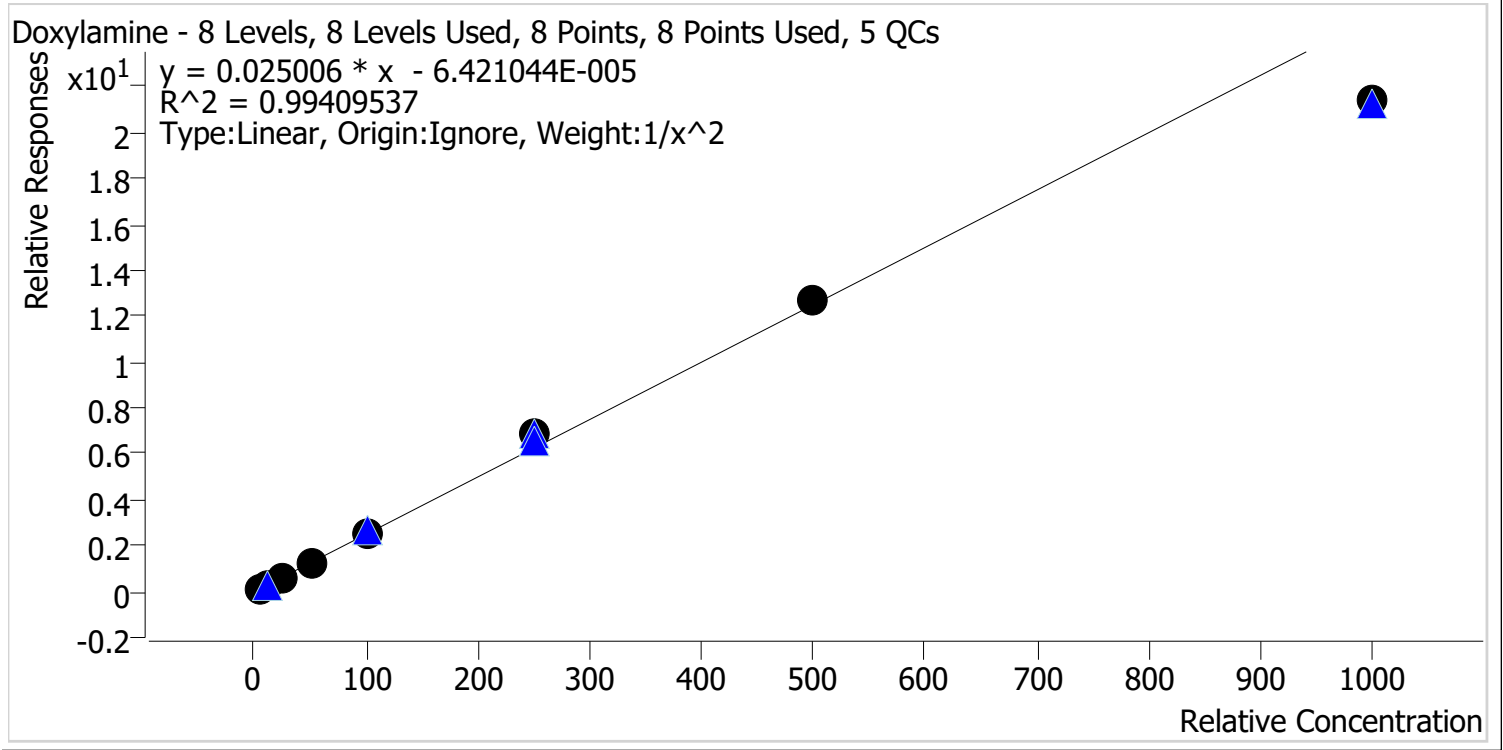
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	511.4	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1015.9	101.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

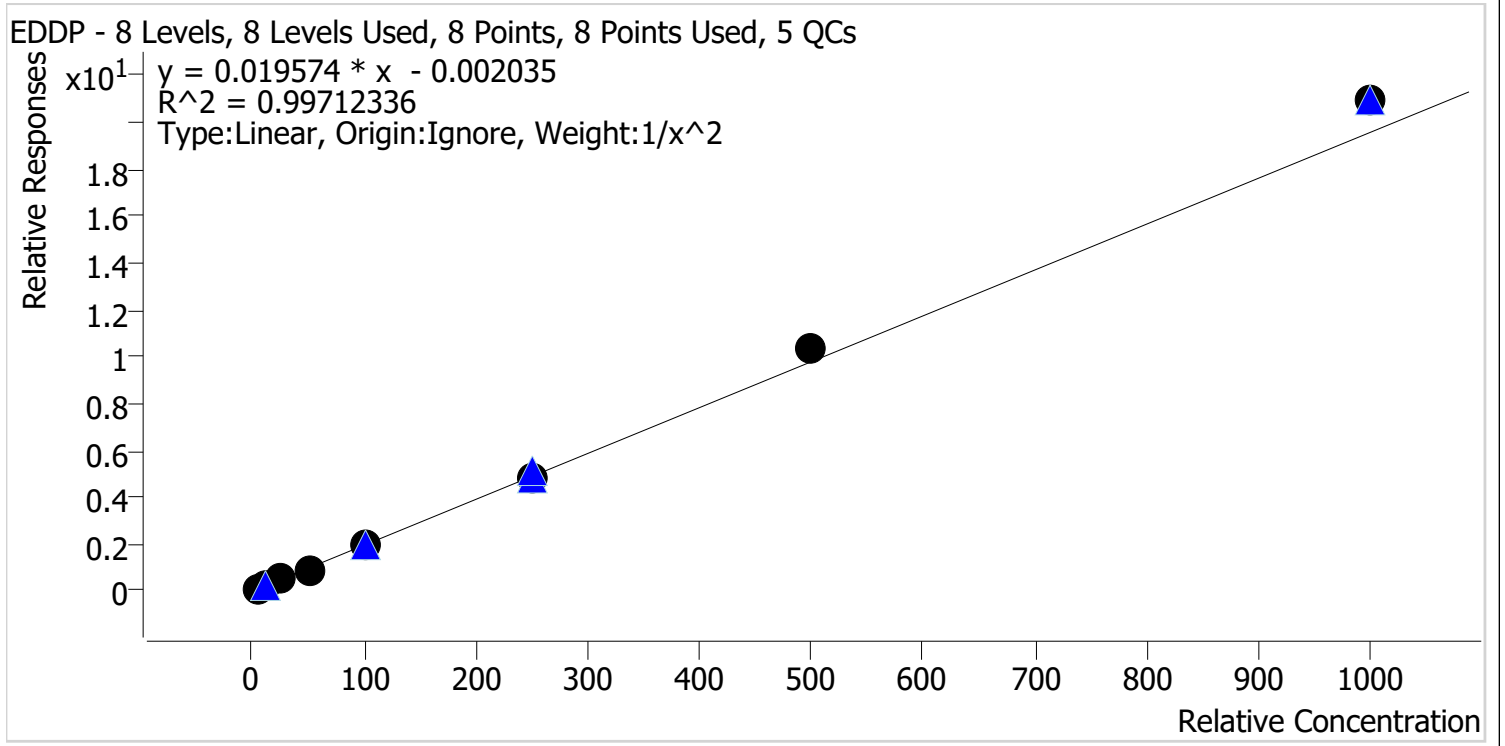


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	272.8	109.1
p1 Cal 7-500ng	7	✓	500.0	506.4	101.3
p1 Cal 8-1000ng	8	✓	1000.0	856.0	85.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



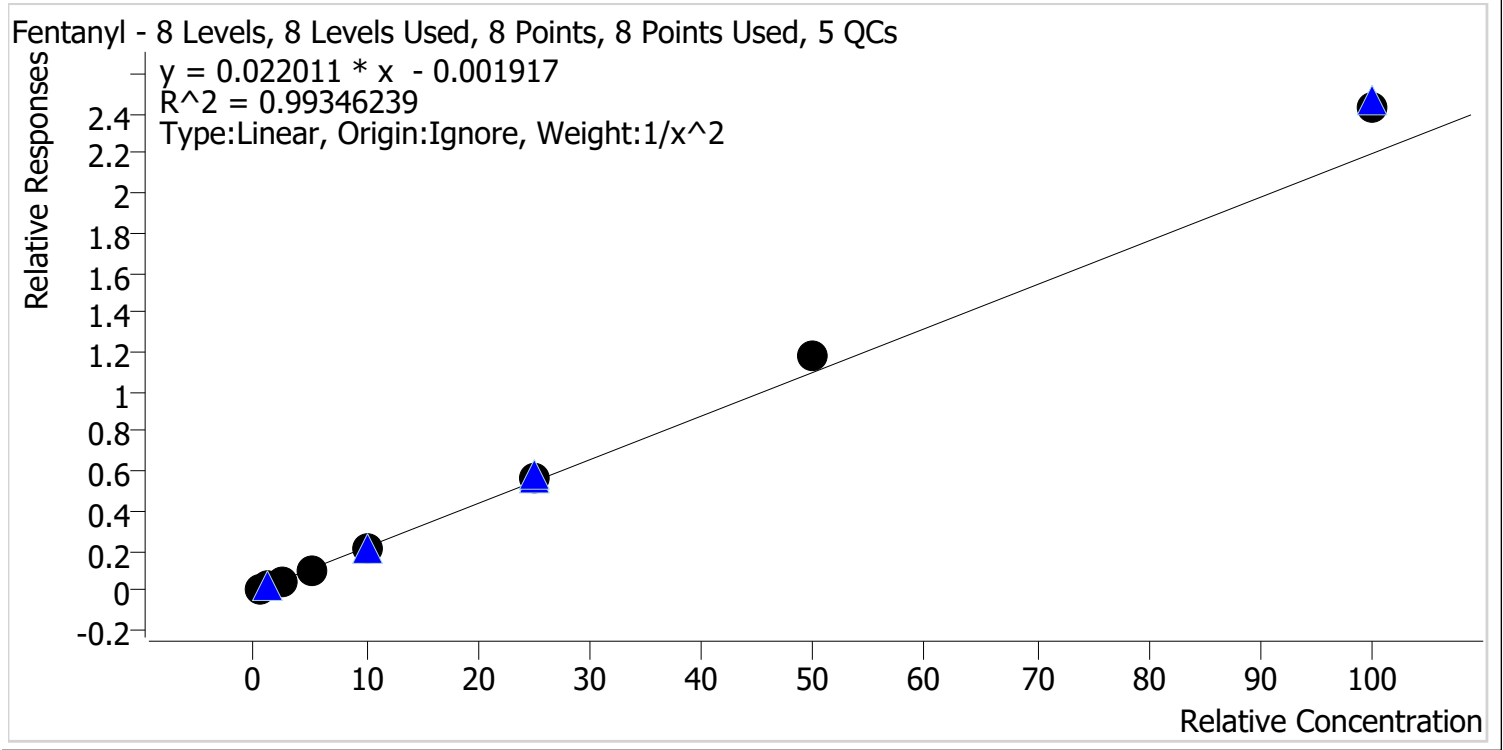
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	528.4	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1069.3	106.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



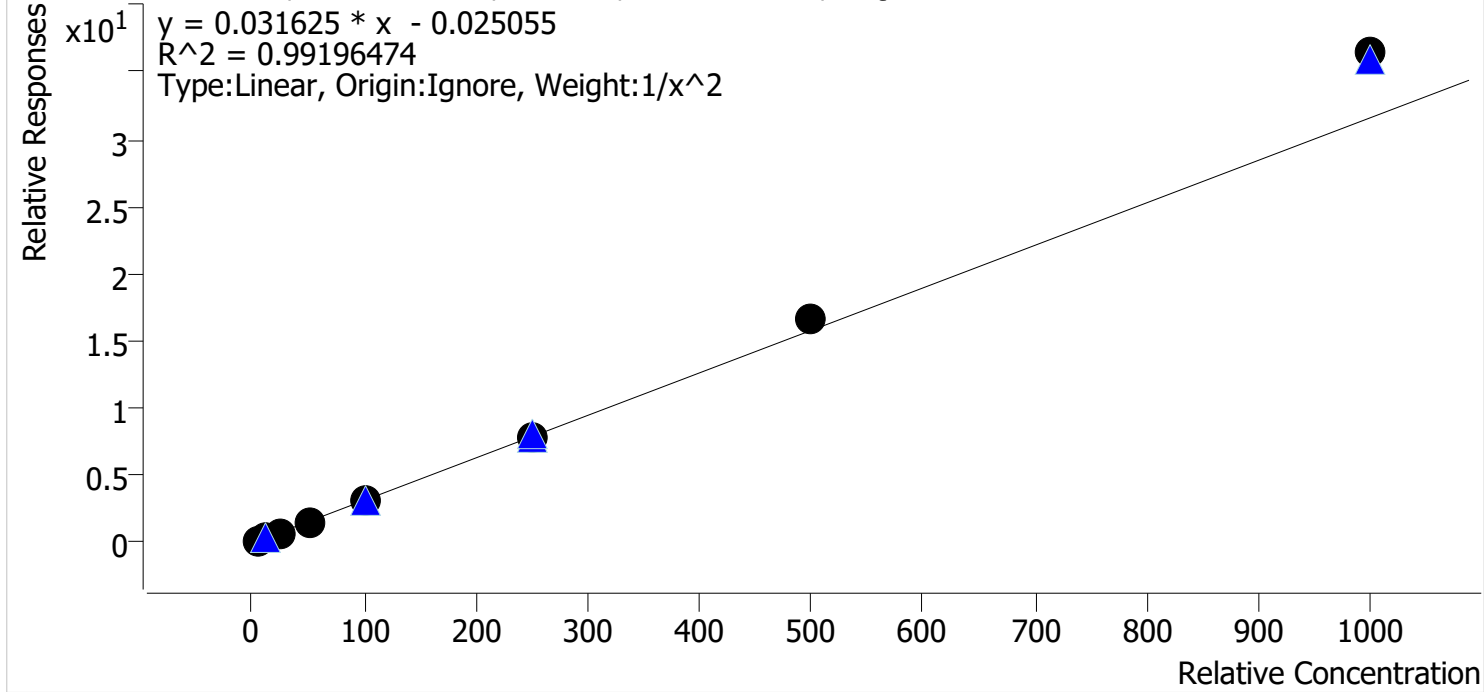
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.8
p1 Cal 4-50ng	4	✓	5.0	4.6	91.9
p1 Cal 5-100ng	5	✓	10.0	9.6	95.5
p1 Cal 6-250ng	6	✓	25.0	25.4	101.7
p1 Cal 7-500ng	7	✓	50.0	53.9	107.8
p1 Cal 8-1000ng	8	✓	100.0	110.2	110.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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

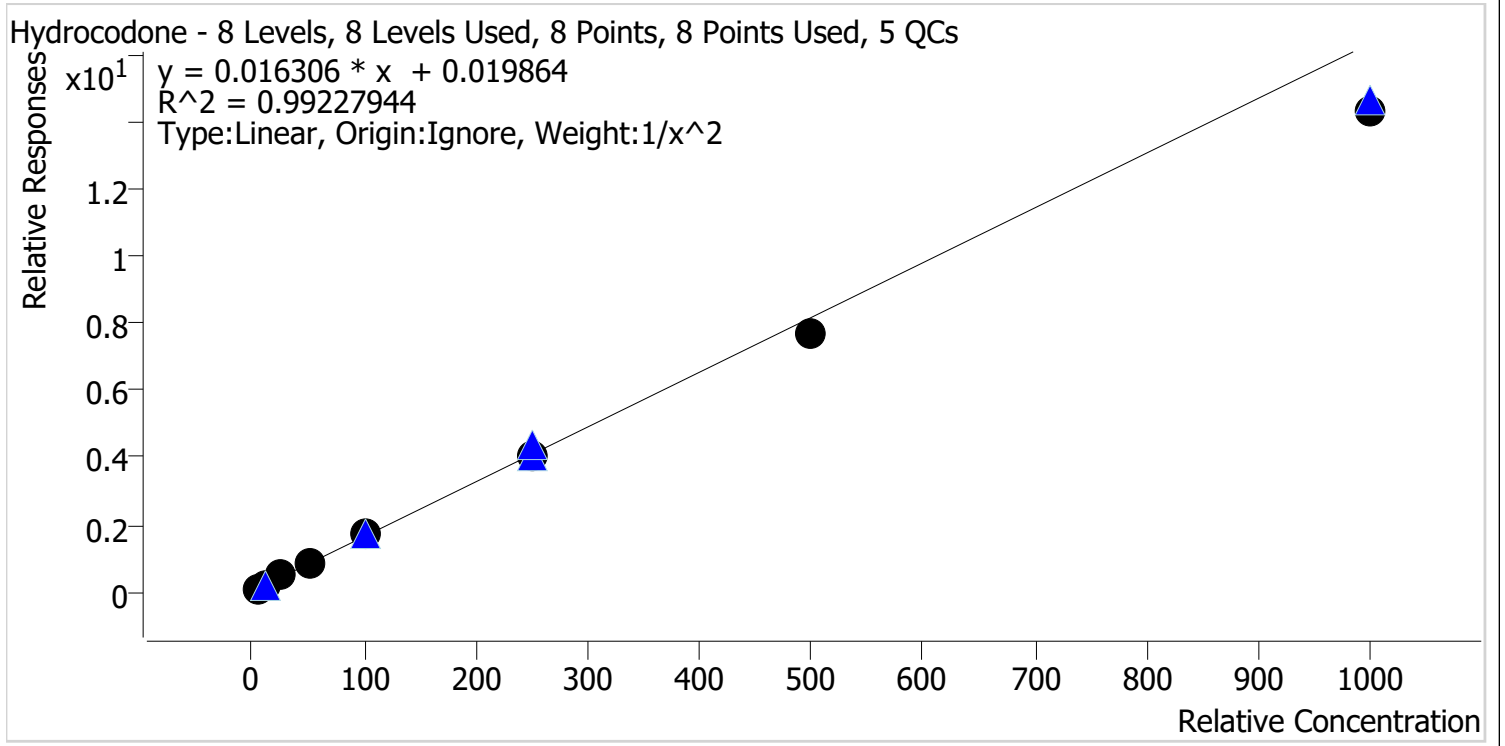


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.5
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	45.6	91.3
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	243.9	97.6
p1 Cal 7-500ng	7	✓	500.0	524.1	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1153.4	115.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

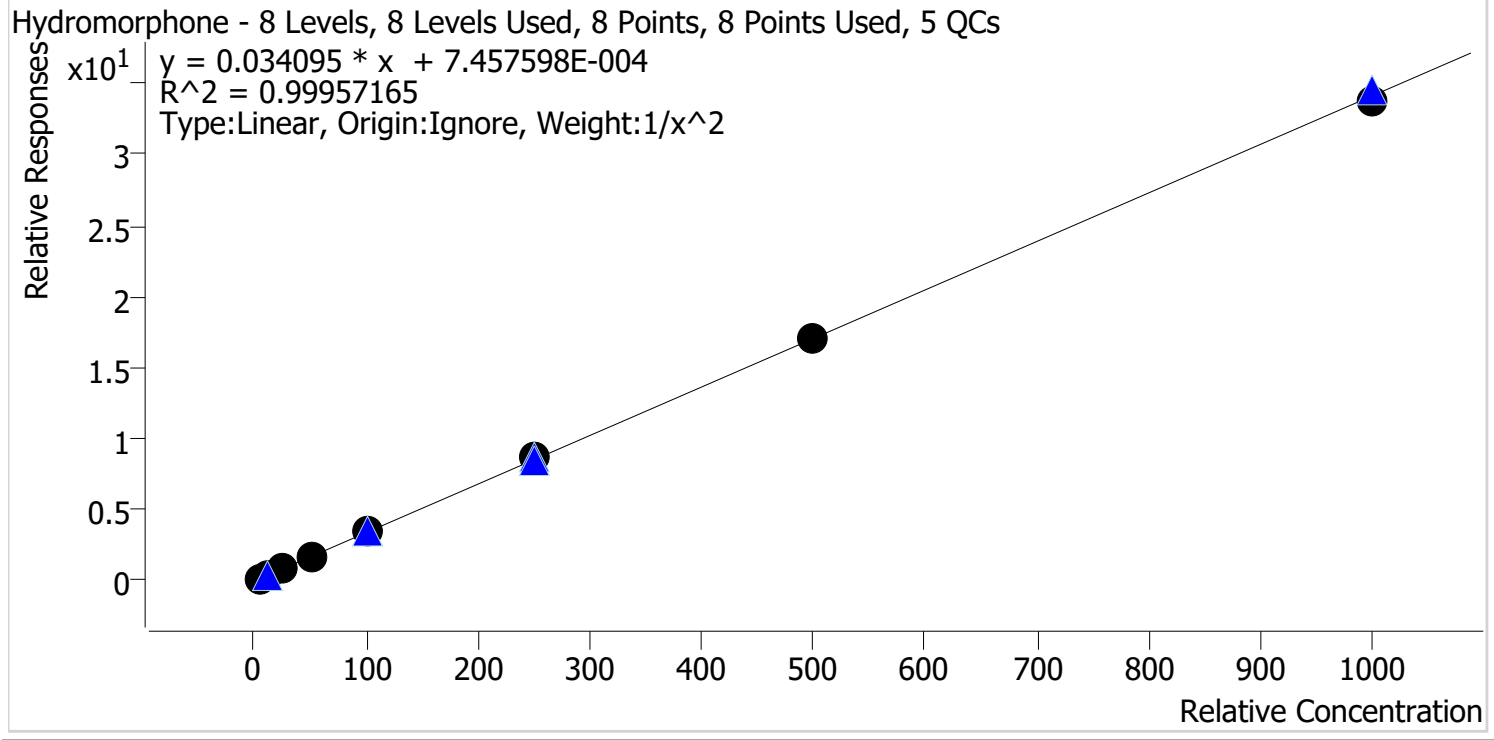


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	468.3	93.7
p1 Cal 8-1000ng	8	✓	1000.0	874.0	87.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



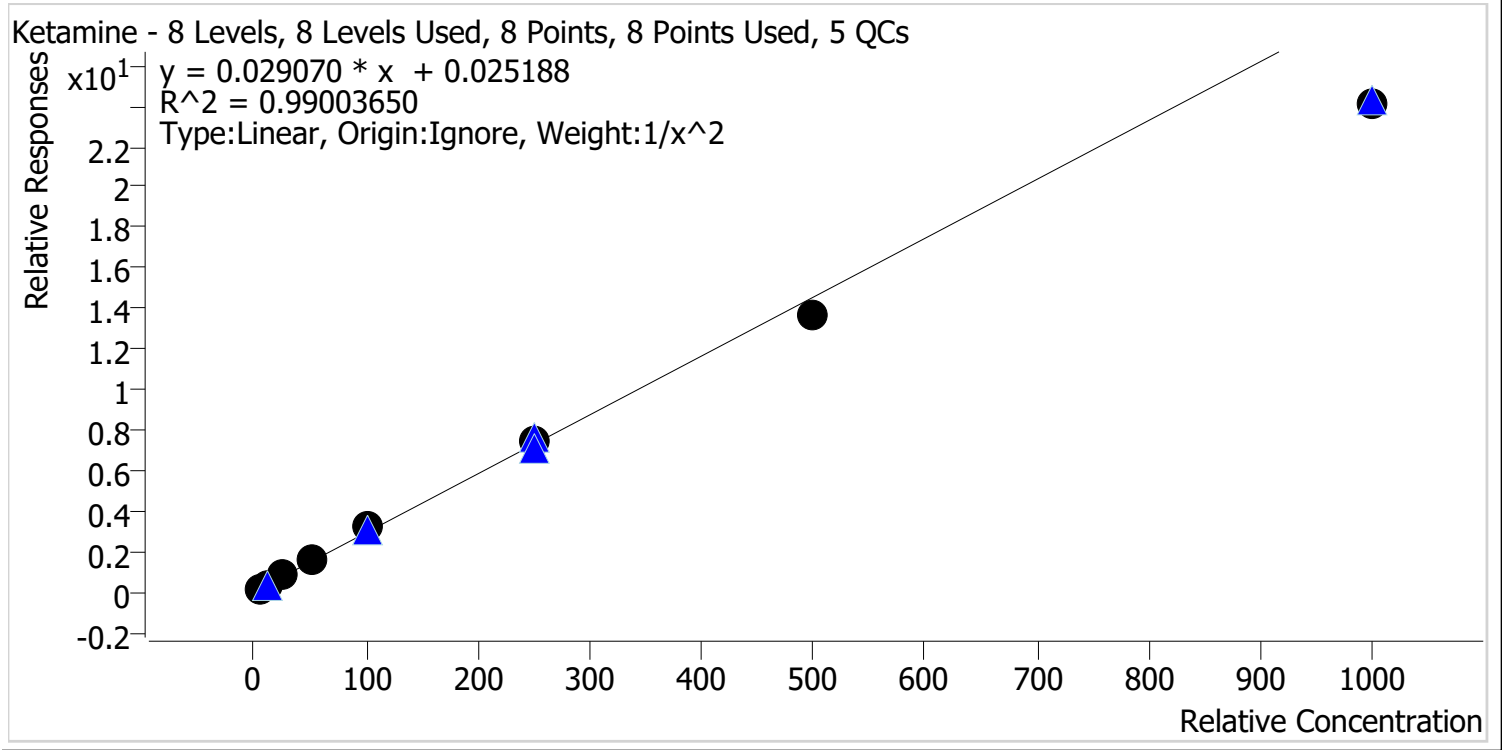
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	254.4	101.7
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

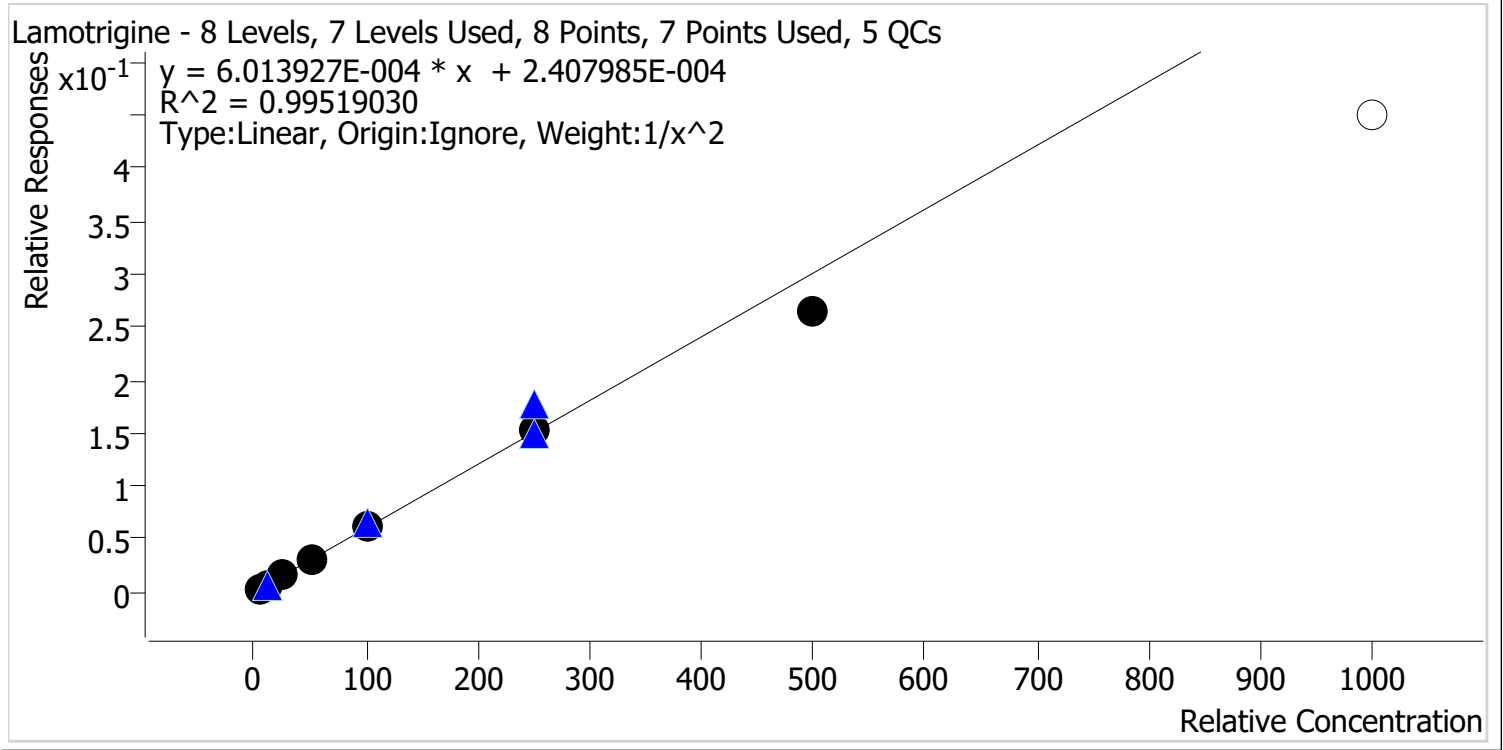


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.1
p1 Cal 4-50ng	4	✓	50.0	52.3	104.5
p1 Cal 5-100ng	5	✓	100.0	108.2	108.2
p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	469.9	94.0
p1 Cal 8-1000ng	8	✓	1000.0	826.0	82.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	439.2	87.8
p1 Cal 8-1000ng	8	✗	1000.0	749.7	75.0

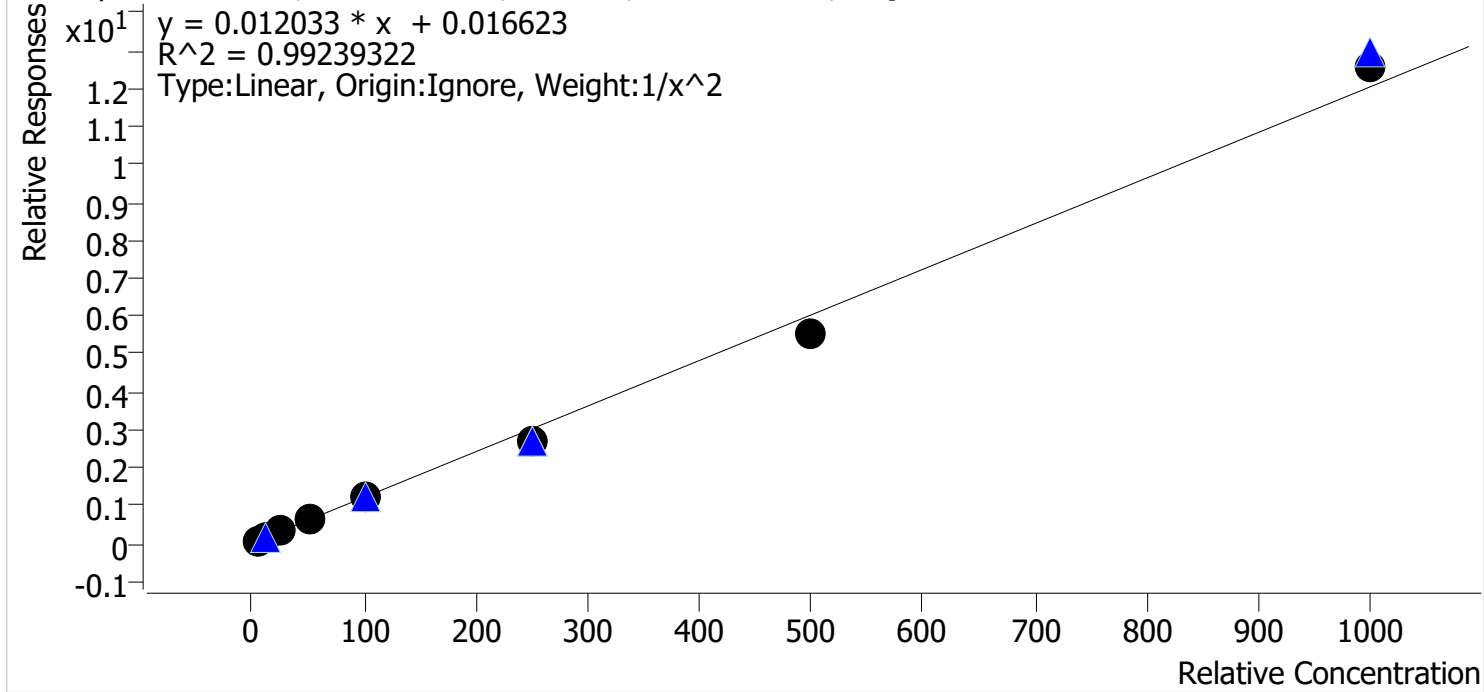
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



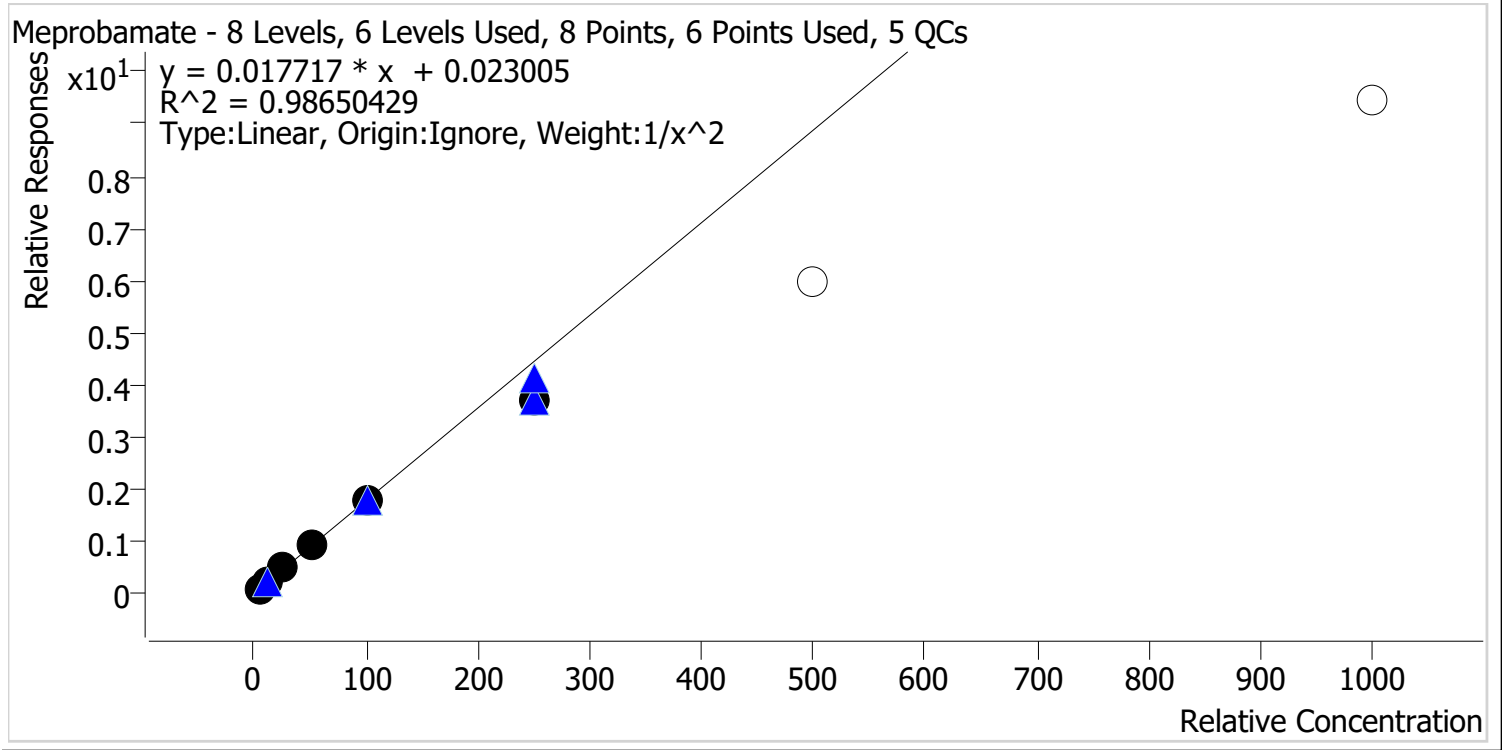
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.9	109.3
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	224.1	89.7
p1 Cal 7-500ng	7	✓	500.0	460.8	92.2
p1 Cal 8-1000ng	8	✓	1000.0	1042.4	104.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

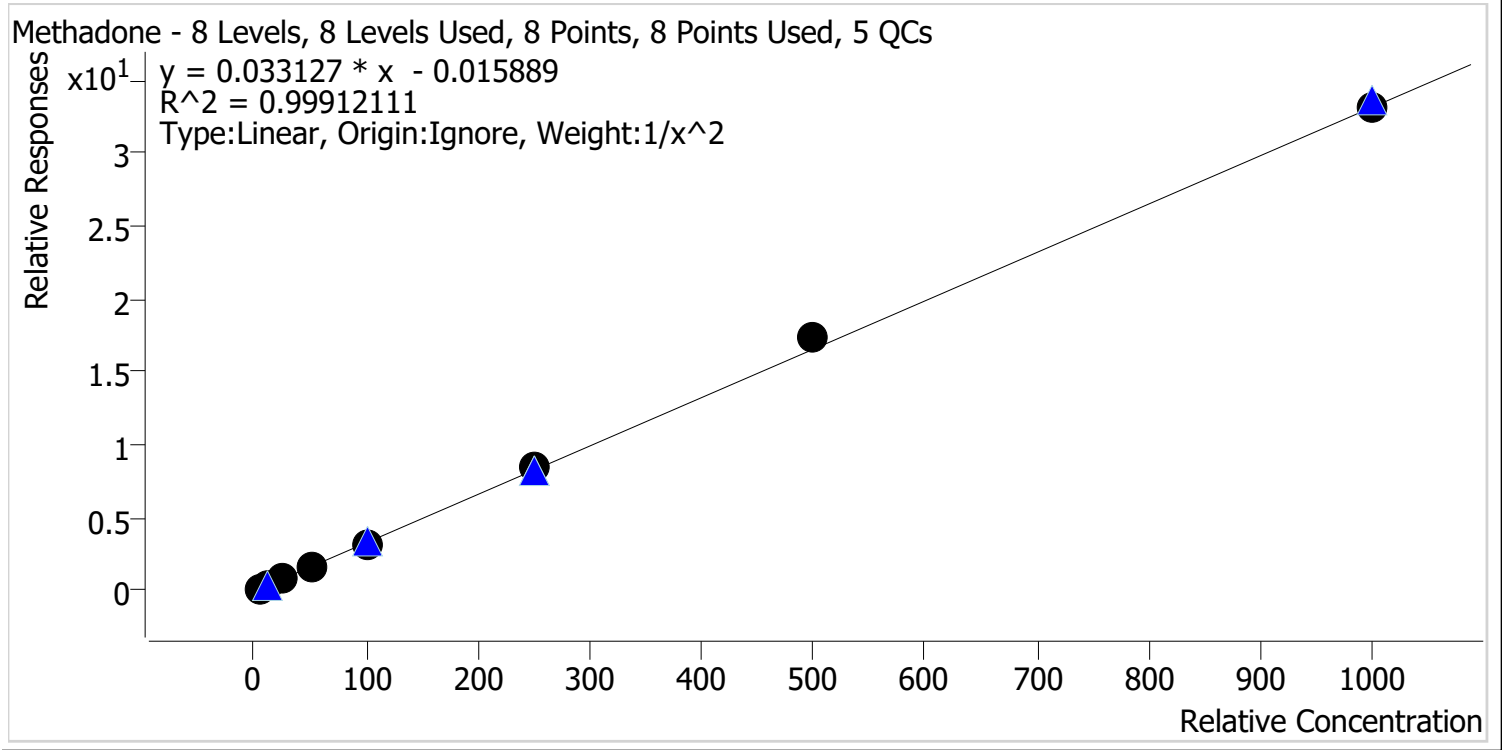


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	208.4	83.3
p1 Cal 7-500ng	7	x	500.0	336.3	67.3
p1 Cal 8-1000ng	8	x	1000.0	531.8	53.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

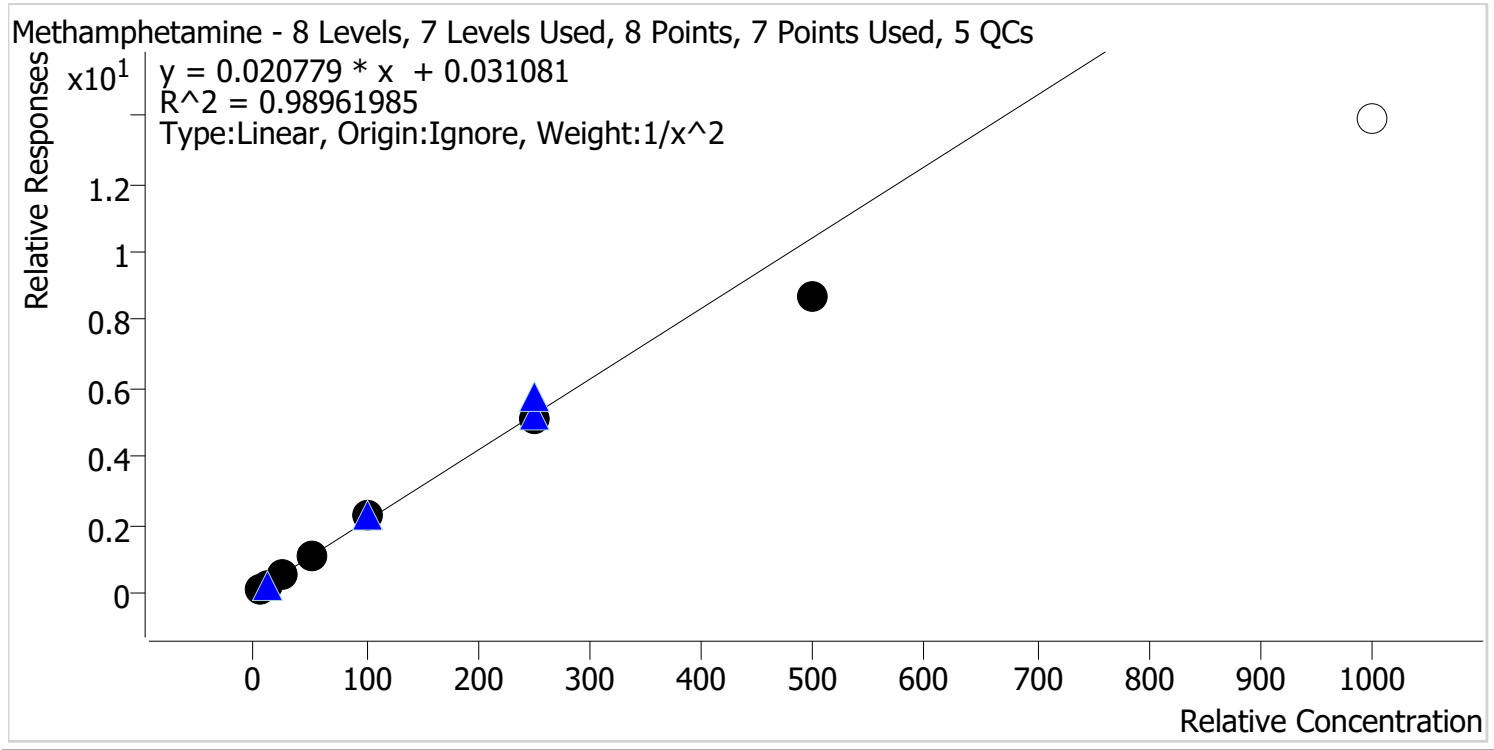


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1002.5	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



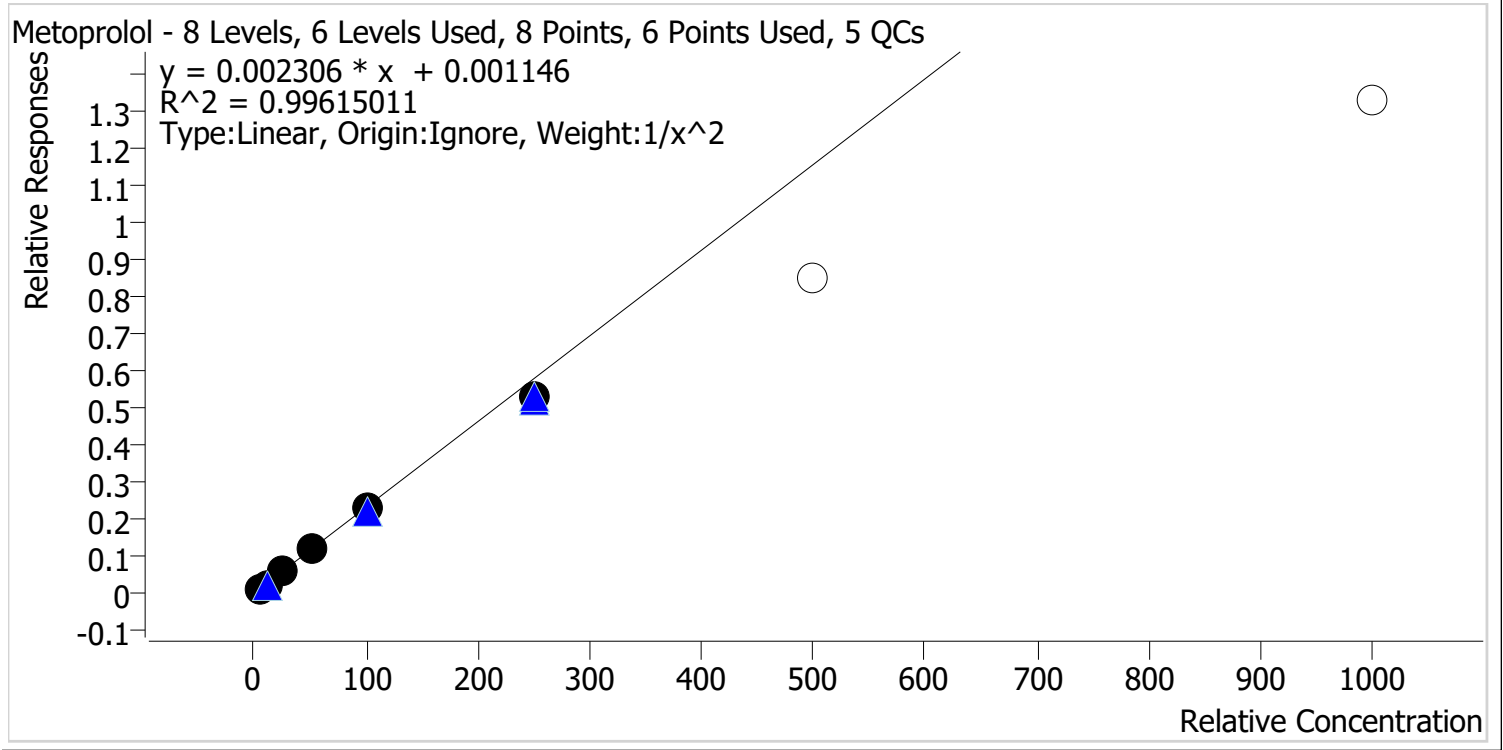
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	242.4	97.0
p1 Cal 7-500ng	7	✓	500.0	416.6	83.3
p1 Cal 8-1000ng	8	✗	1000.0	669.9	67.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng	7	x	500.0	366.3	73.3
p1 Cal 8-1000ng	8	x	1000.0	574.6	57.5

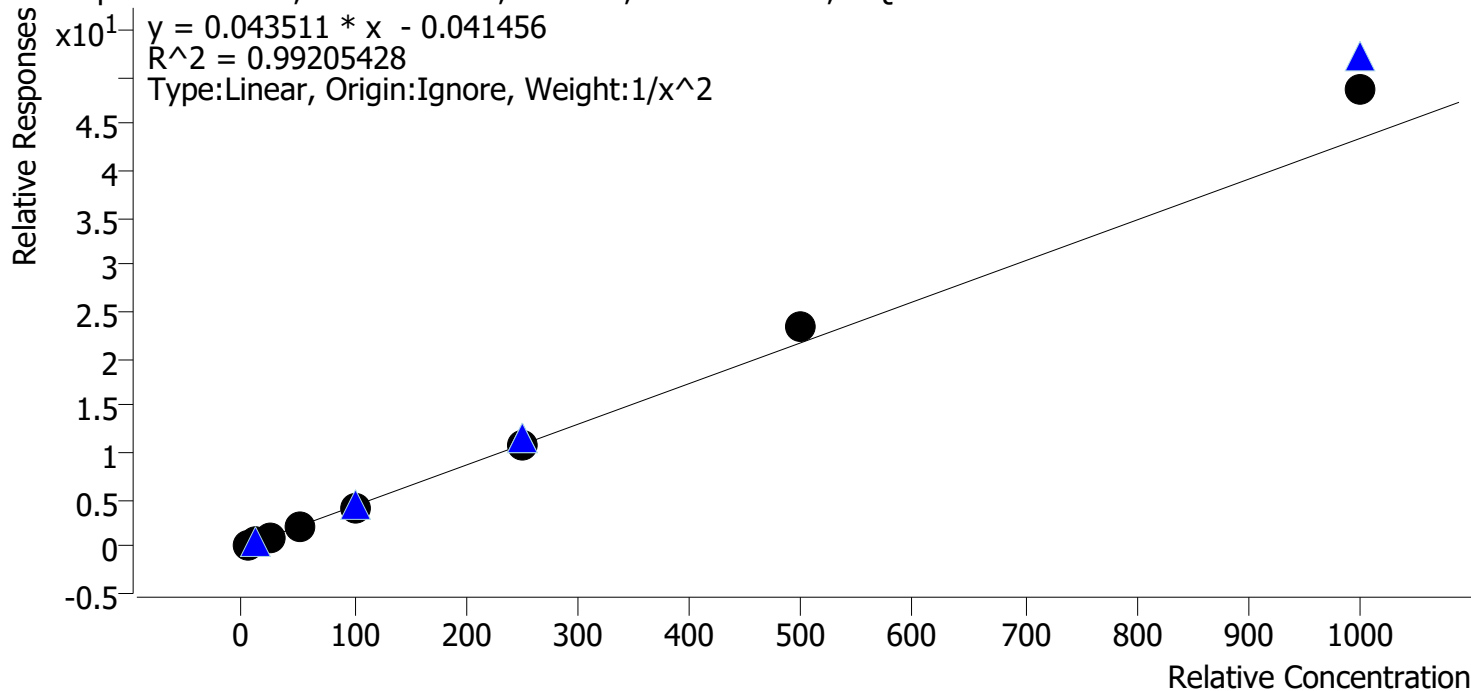
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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

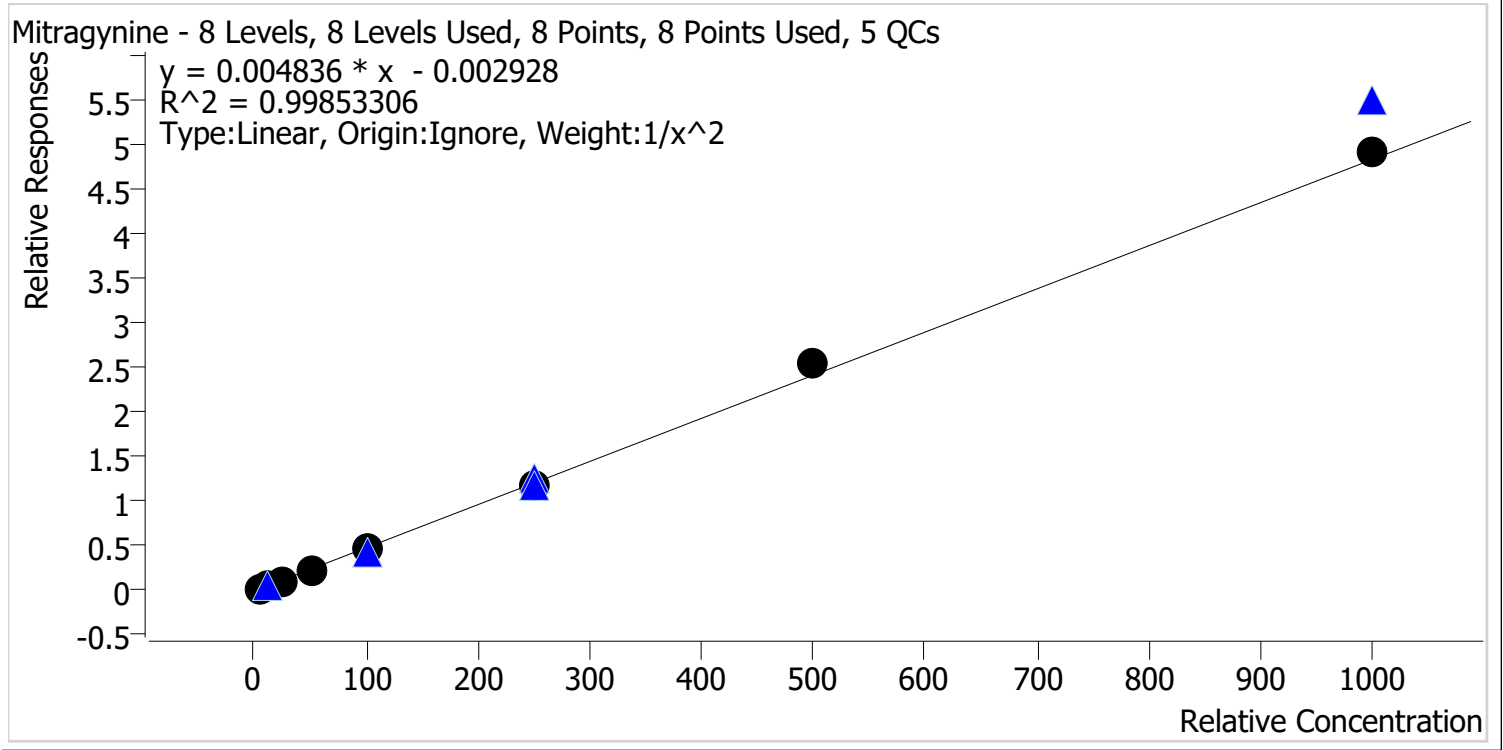


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.5
p1 Cal 4-50ng	4	✓	50.0	45.3	90.5
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	541.3	108.3
p1 Cal 8-1000ng	8	✓	1000.0	1121.2	112.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



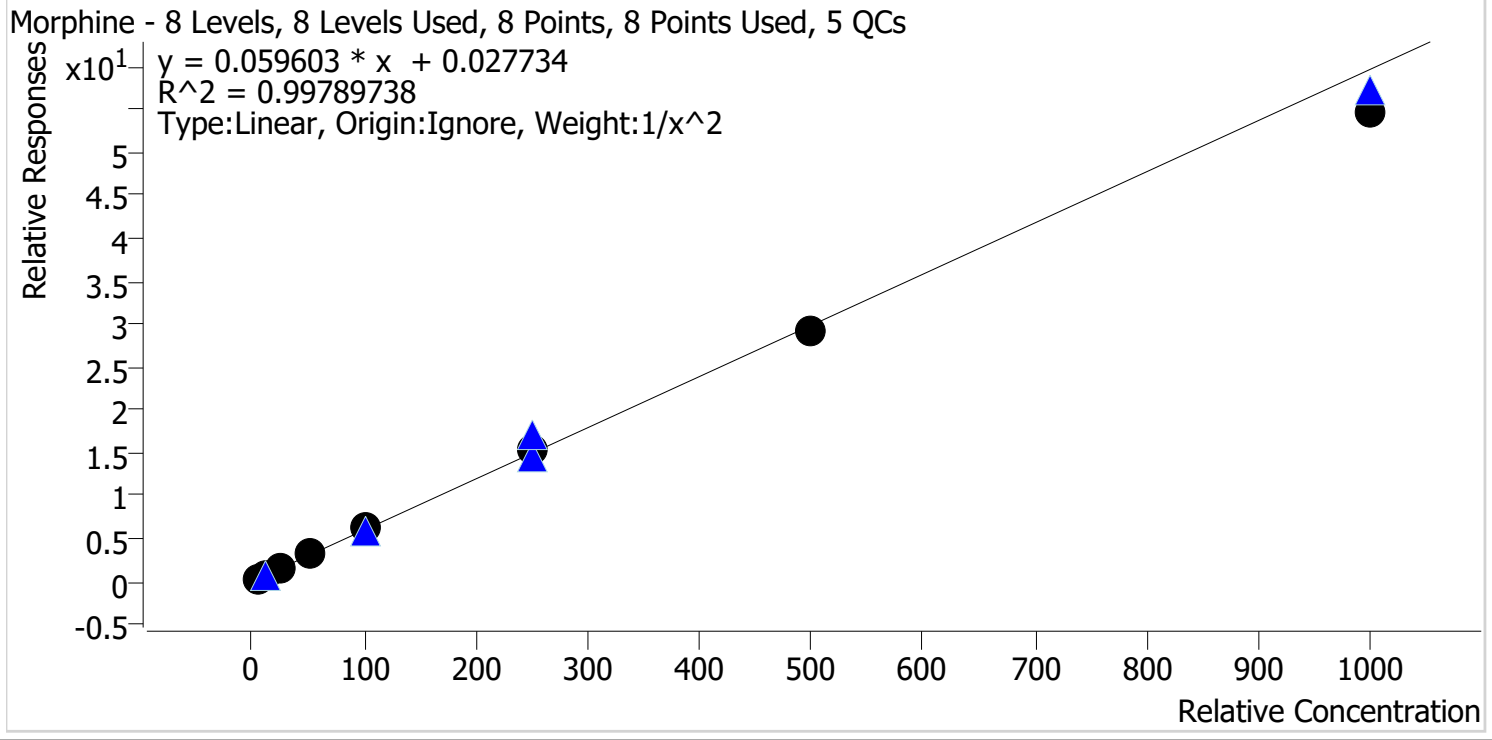
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	248.1	99.3
p1 Cal 7-500ng	7	✓	500.0	528.7	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1021.6	102.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



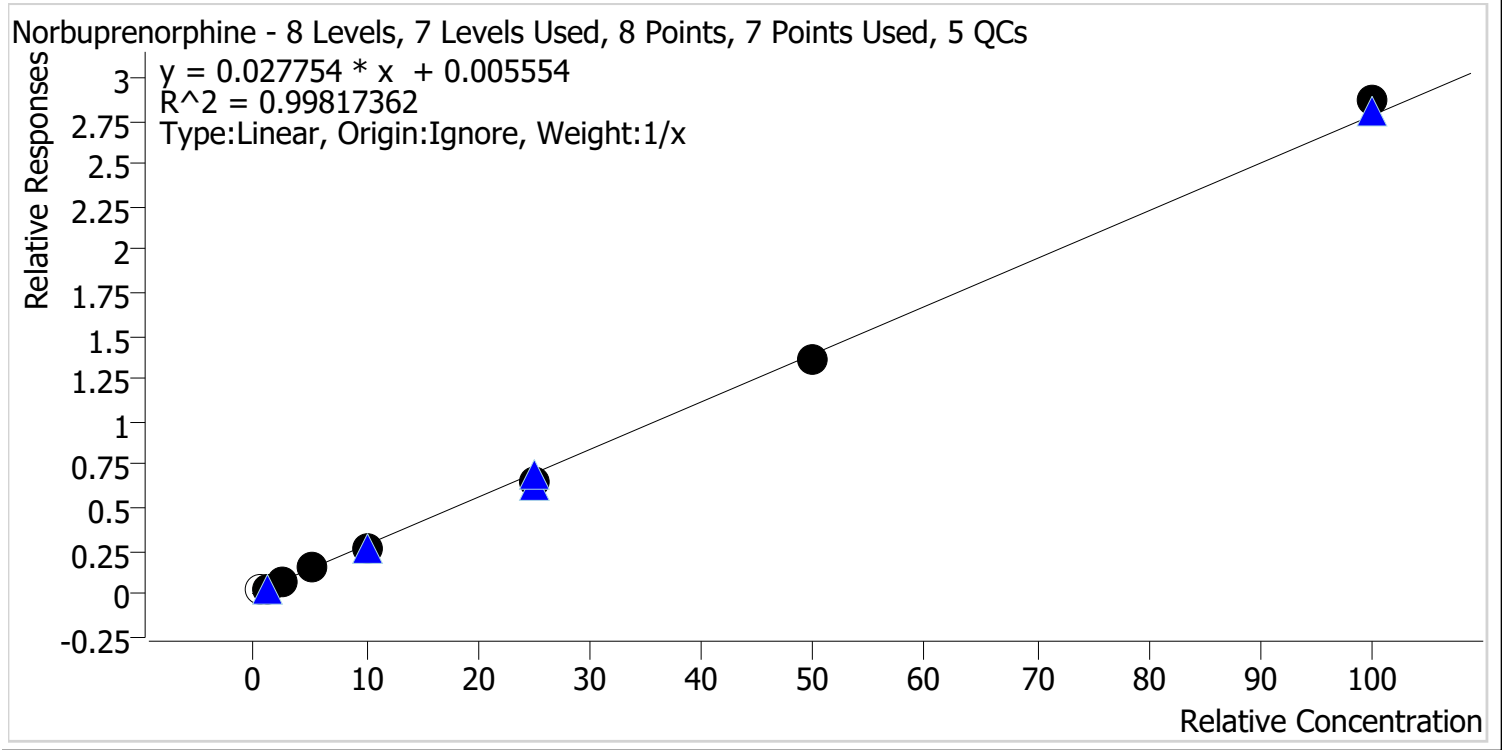
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	491.1	98.2
p1 Cal 8-1000ng	8	✓	1000.0	916.4	91.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

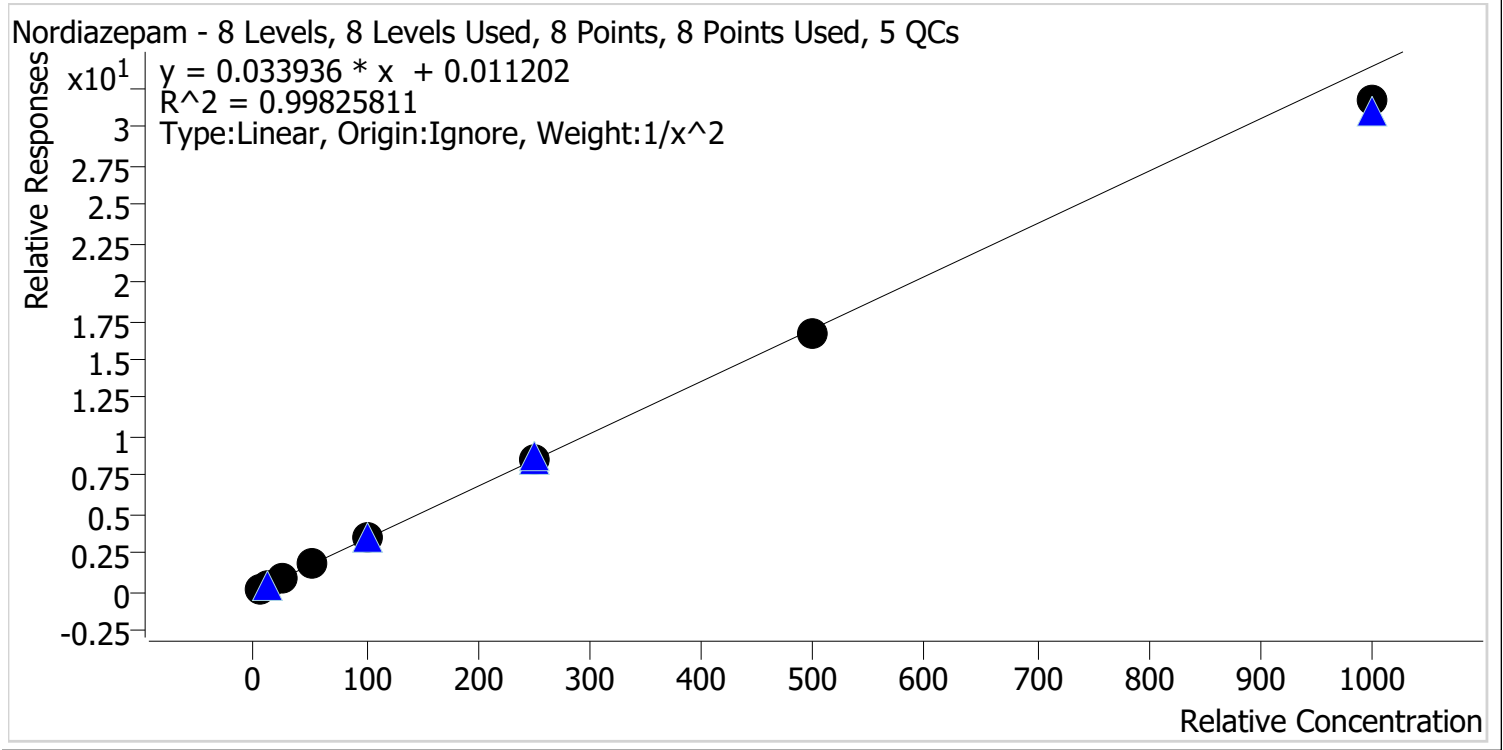


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.8	168.2
p1 Cal 2-10ng	2	✓	1.0	1.1	107.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.6
p1 Cal 4-50ng	4	✓	5.0	5.1	101.5
p1 Cal 5-100ng	5	✓	10.0	9.3	93.2
p1 Cal 6-250ng	6	✓	25.0	23.2	92.6
p1 Cal 7-500ng	7	✓	50.0	49.2	98.4
p1 Cal 8-1000ng	8	✓	100.0	103.1	103.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



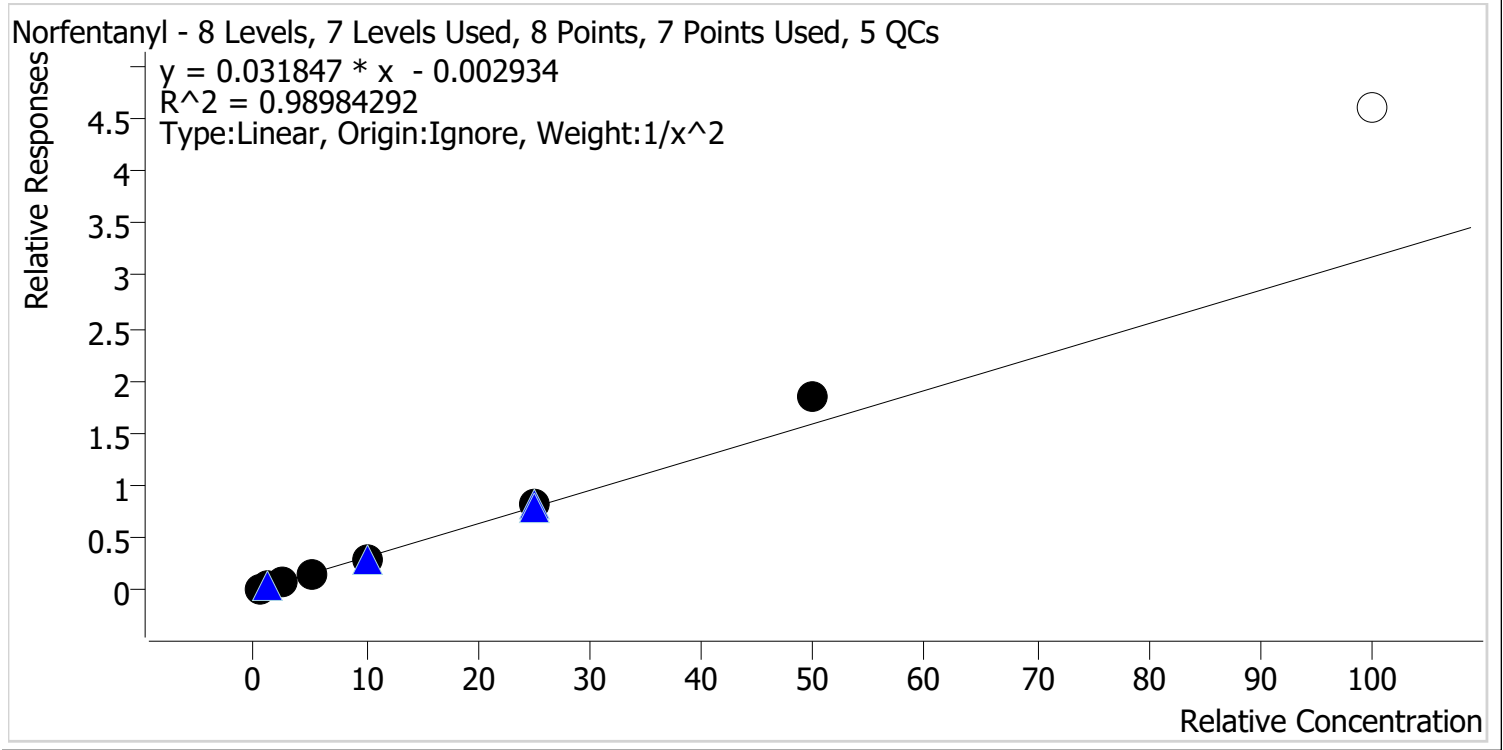
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	489.8	98.0
p1 Cal 8-1000ng	8	✓	1000.0	934.7	93.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

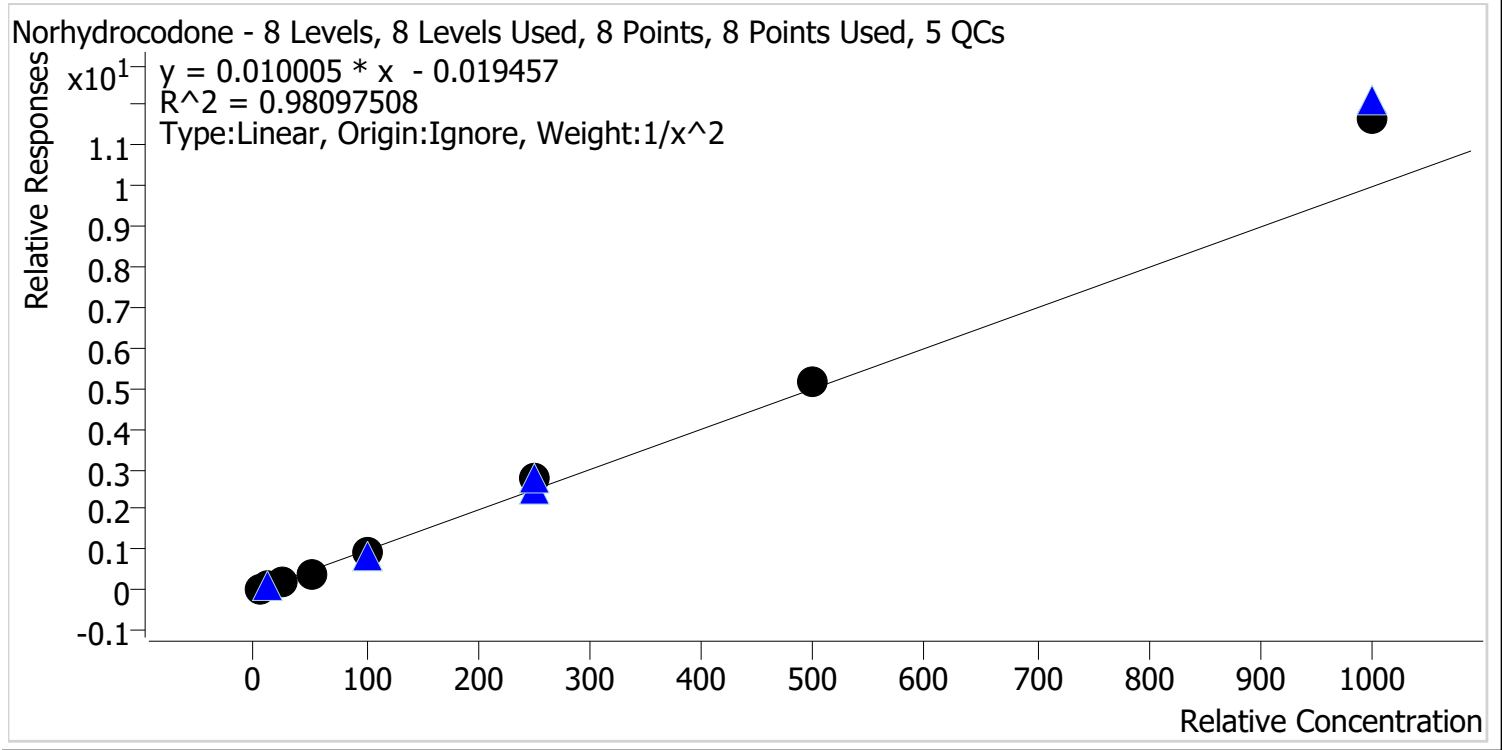


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.0
p1 Cal 4-50ng	4	✓	5.0	4.6	91.6
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.7	102.7
p1 Cal 7-500ng	7	✓	50.0	58.0	116.1
p1 Cal 8-1000ng	8	✗	100.0	144.9	144.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

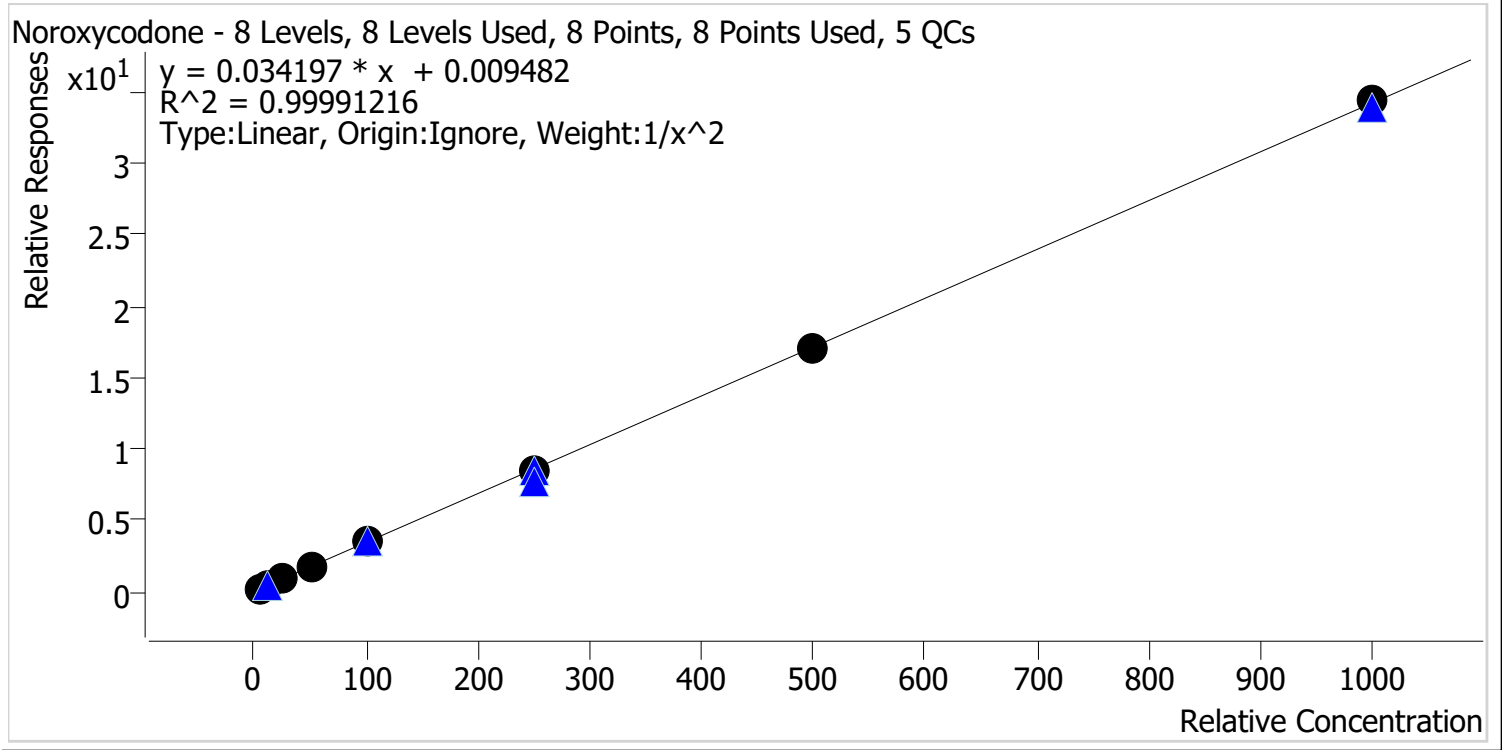


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.7
p1 Cal 2-10ng	2	✓	10.0	9.1	91.0
p1 Cal 3 -25ng	3	✓	25.0	21.2	84.9
p1 Cal 4-50ng	4	✓	50.0	42.7	85.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	275.8	110.3
p1 Cal 7-500ng	7	✓	500.0	520.2	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1172.9	117.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



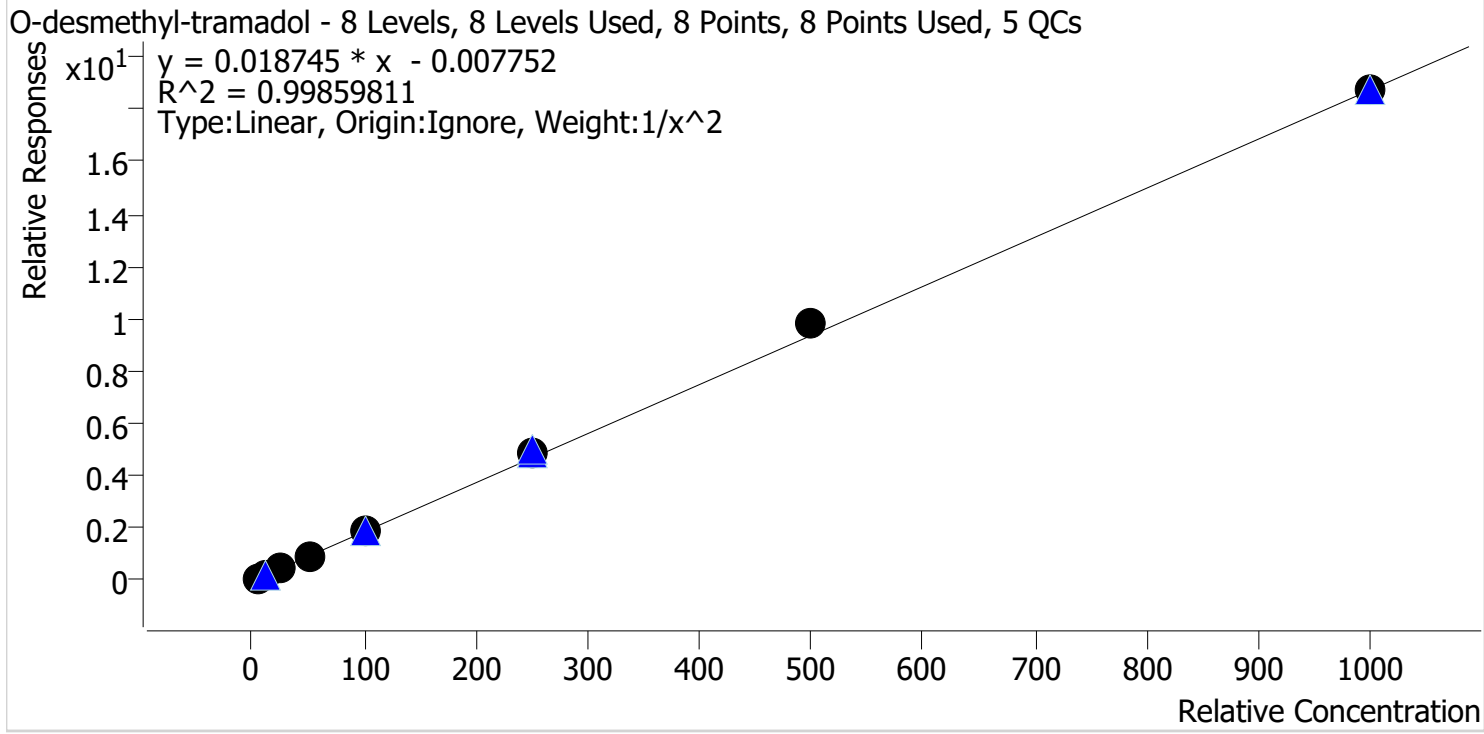
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	493.7	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1005.0	100.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

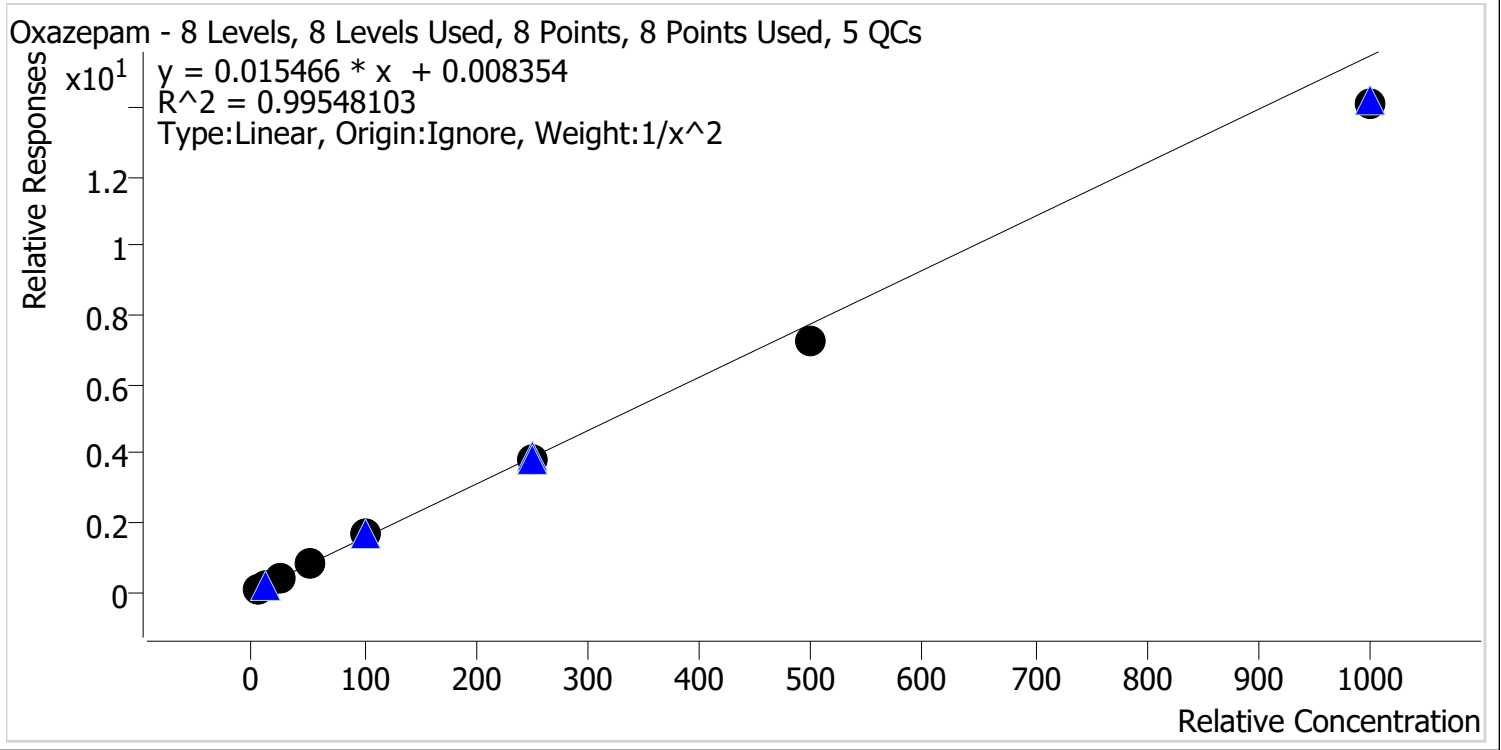


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	259.7	103.9
p1 Cal 7-500ng	7	✓	500.0	524.0	104.8
p1 Cal 8-1000ng	8	✓	1000.0	997.3	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



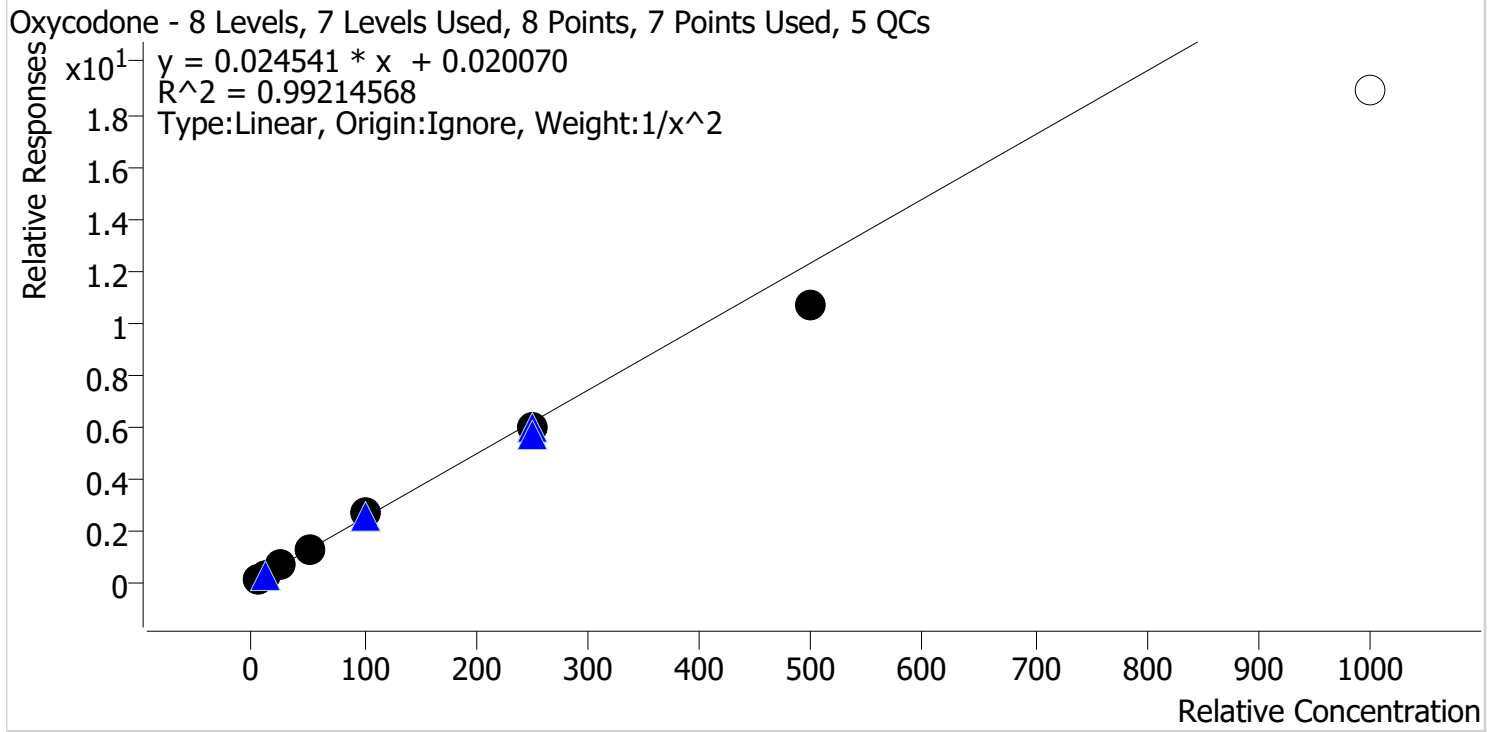
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	468.5	93.7
p1 Cal 8-1000ng	8	✓	1000.0	913.4	91.3

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.6
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	431.1	86.2
p1 Cal 8-1000ng	8	✗	1000.0	769.5	76.9

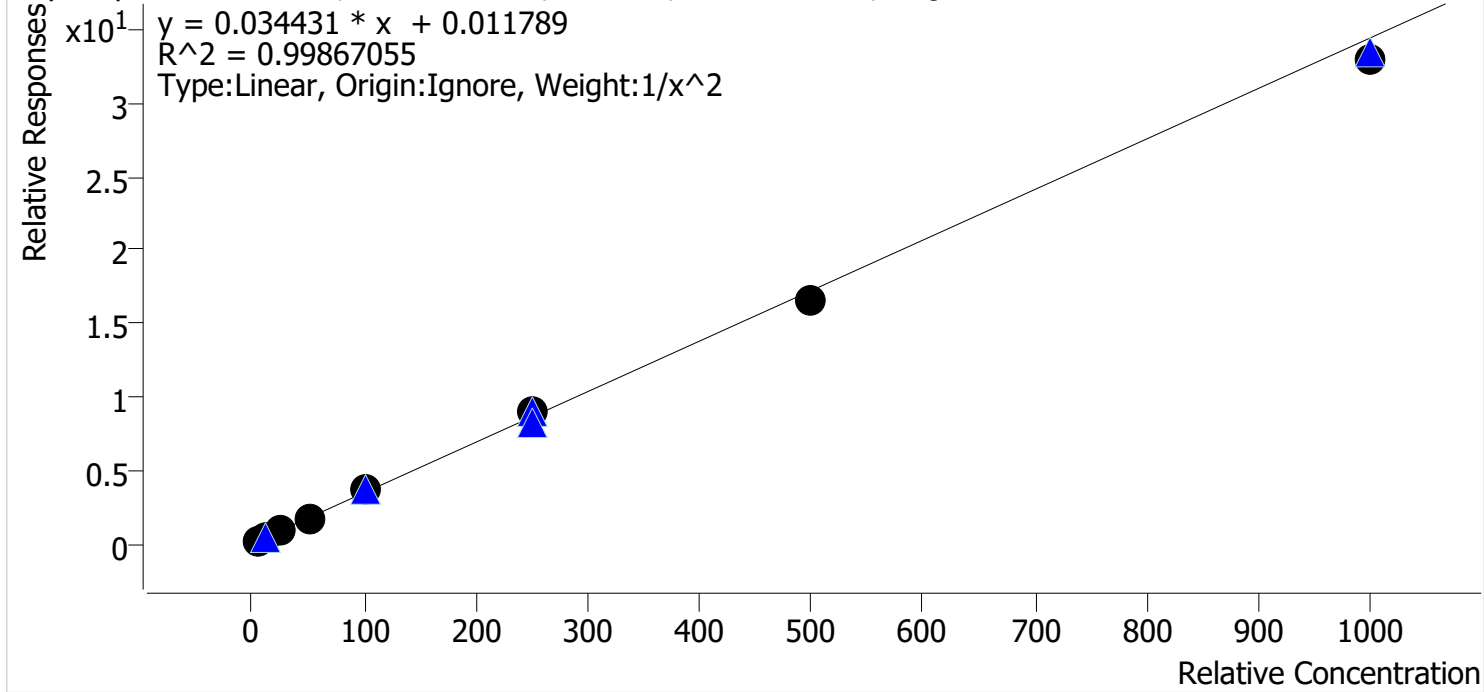
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



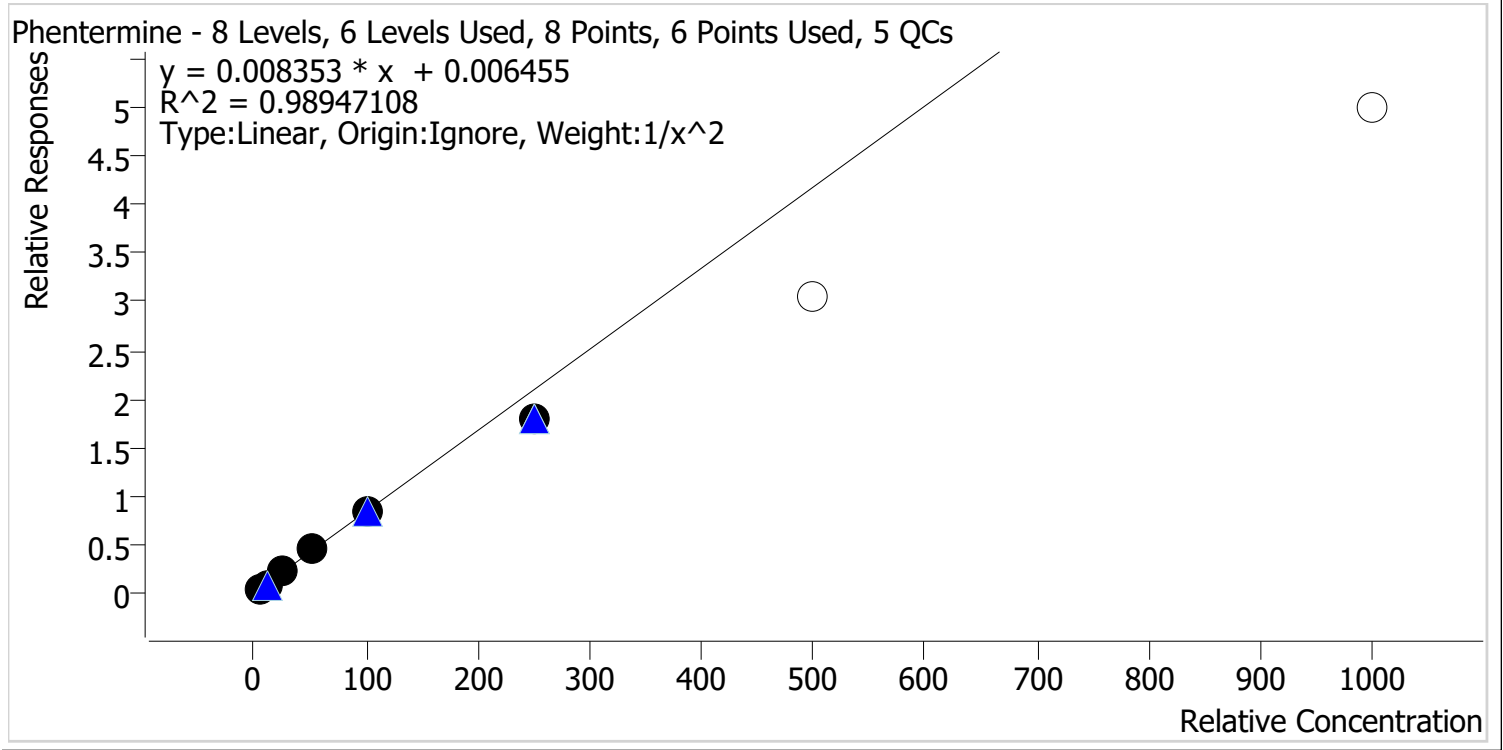
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	481.3	96.3
p1 Cal 8-1000ng	8	✓	1000.0	954.6	95.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	212.7	85.1
p1 Cal 7-500ng	7	x	500.0	364.4	72.9
p1 Cal 8-1000ng	8	x	1000.0	599.4	59.9

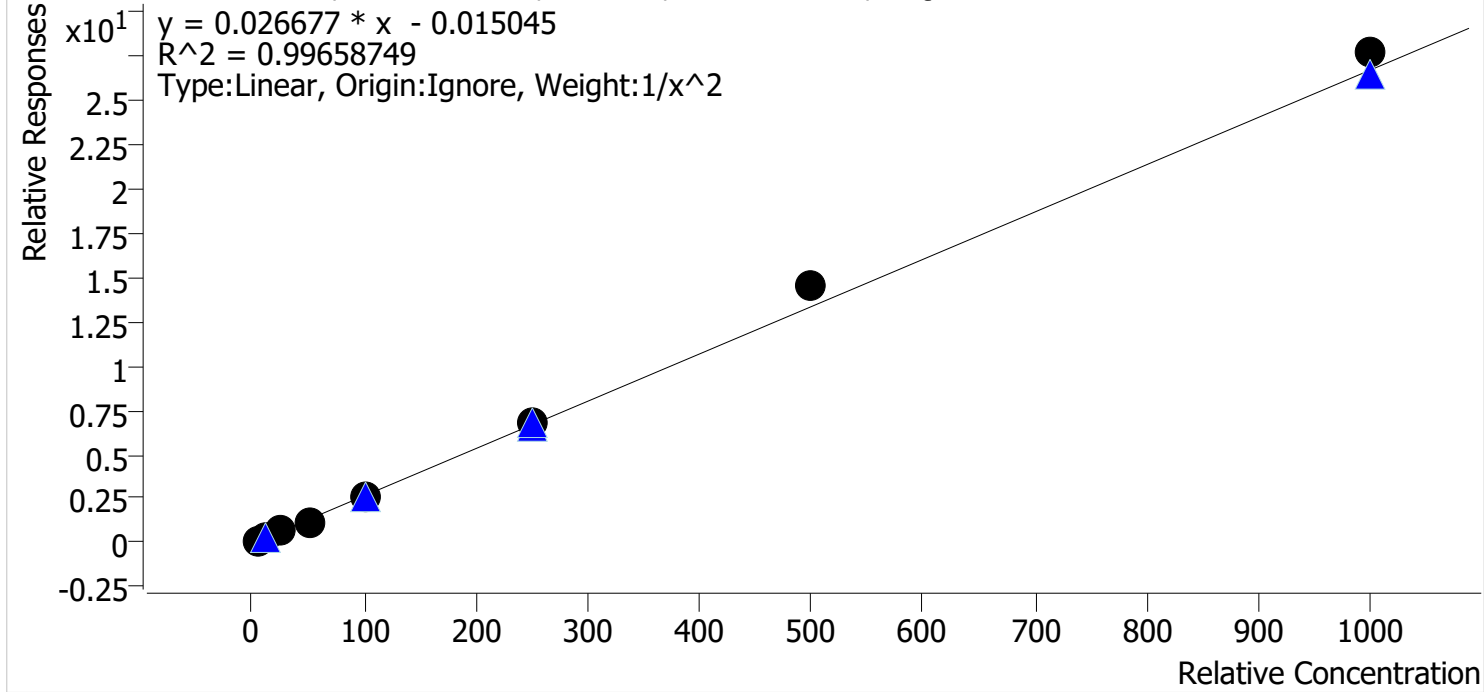
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



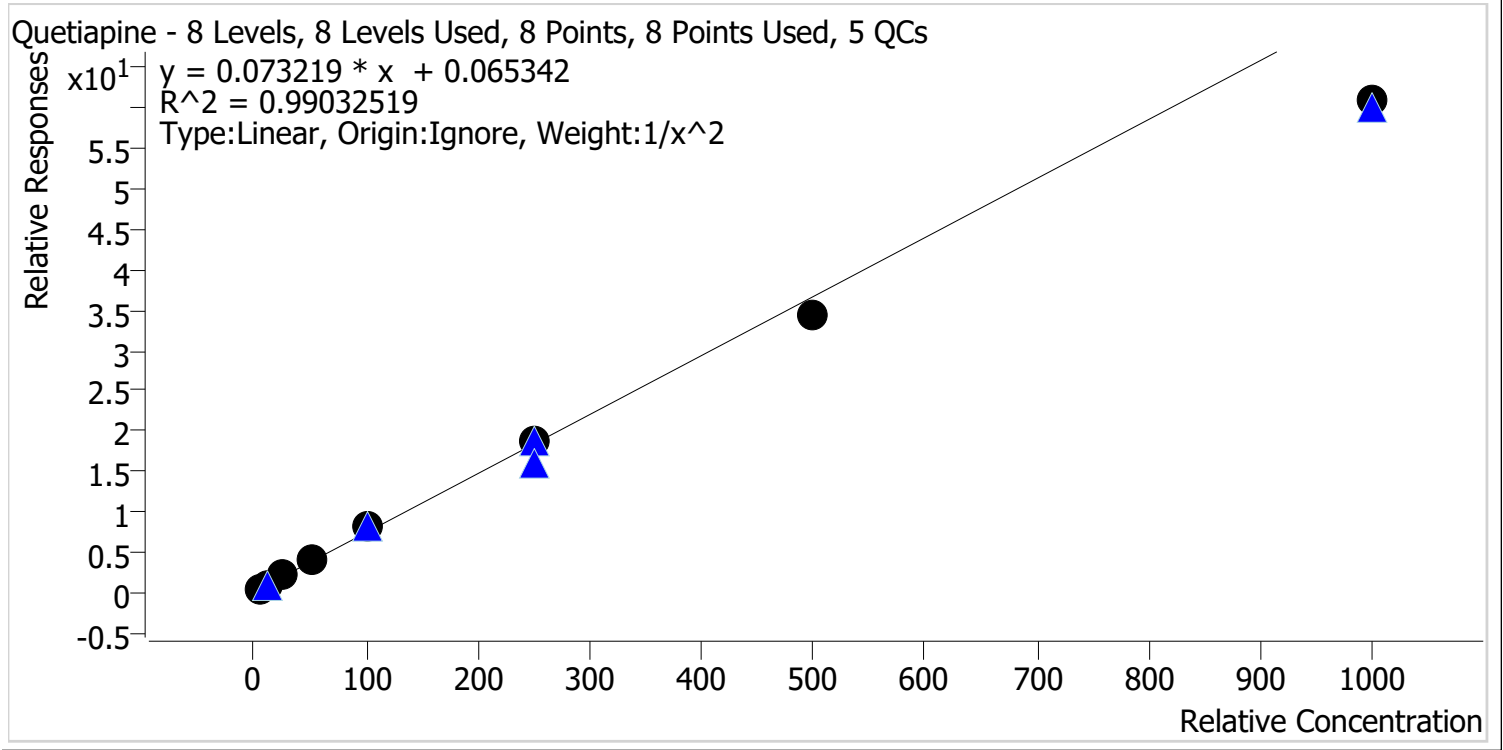
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	541.0	108.2
p1 Cal 8-1000ng	8	✓	1000.0	1037.0	103.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



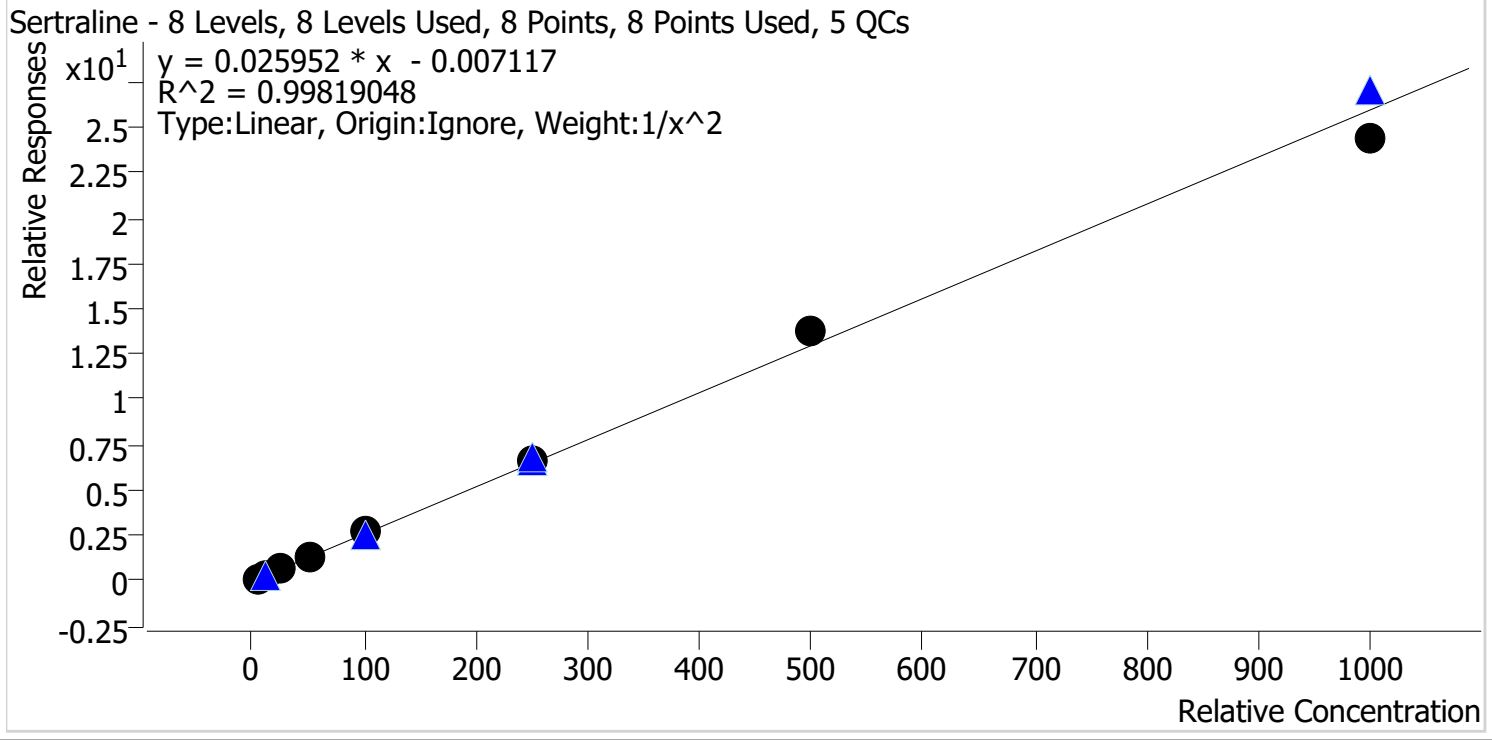
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	469.0	93.8
p1 Cal 8-1000ng	8	✓	1000.0	832.1	83.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	532.0	106.4
p1 Cal 8-1000ng	8	✓	1000.0	936.3	93.6

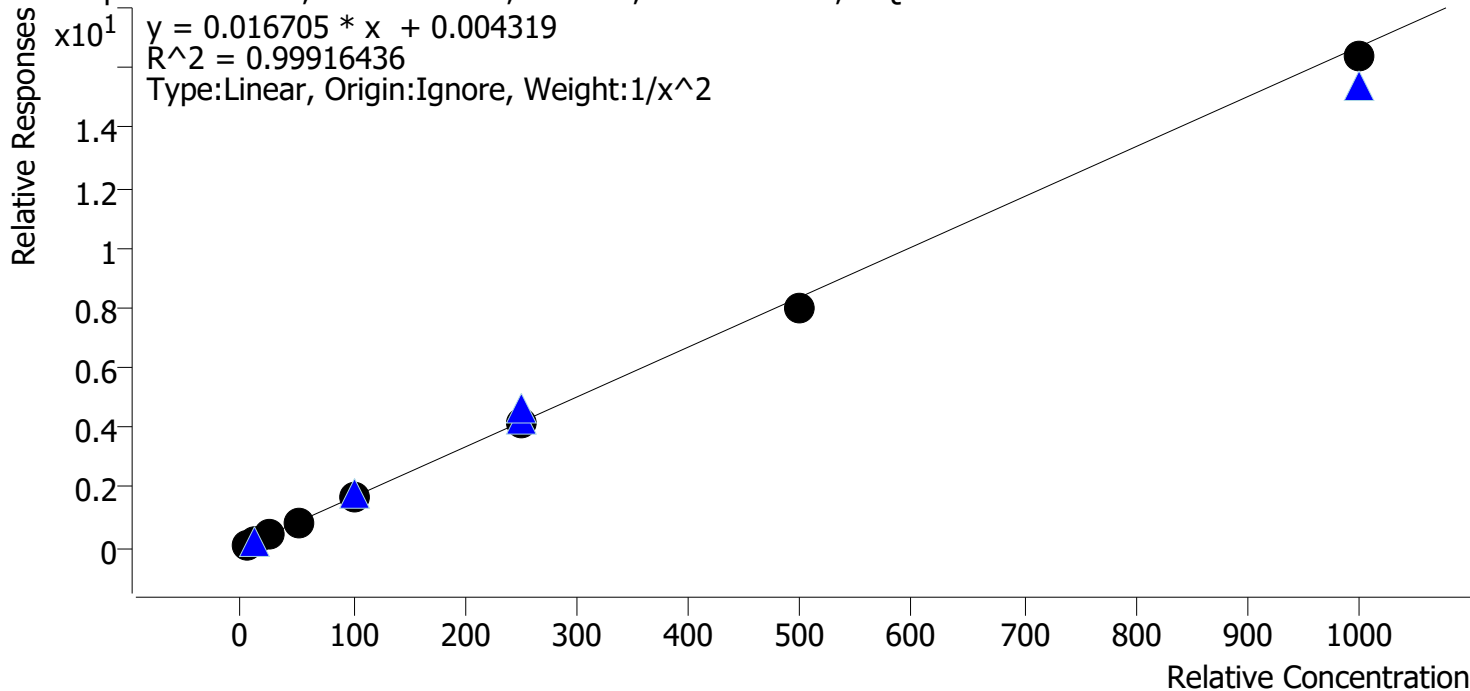
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

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



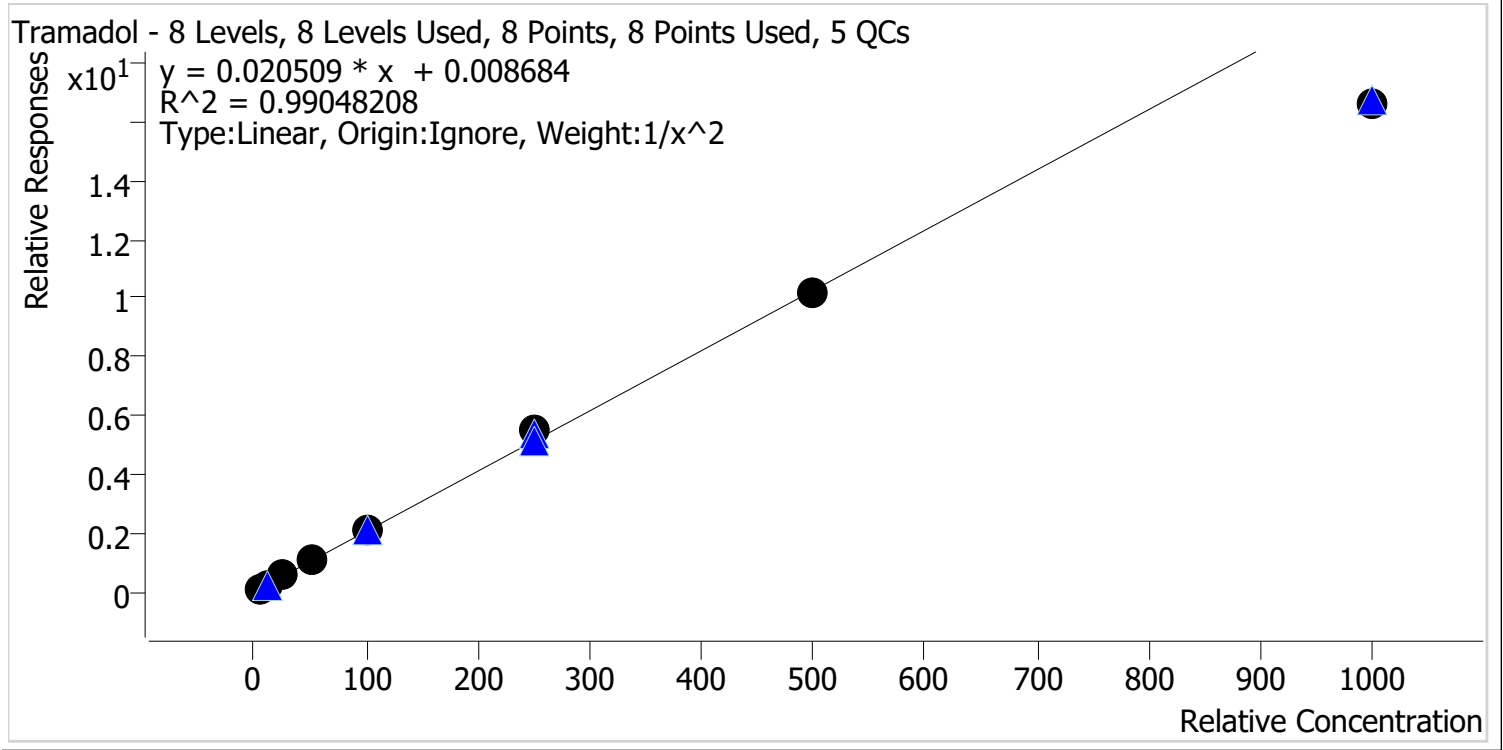
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	480.3	96.1
p1 Cal 8-1000ng	8	✓	1000.0	980.2	98.0



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



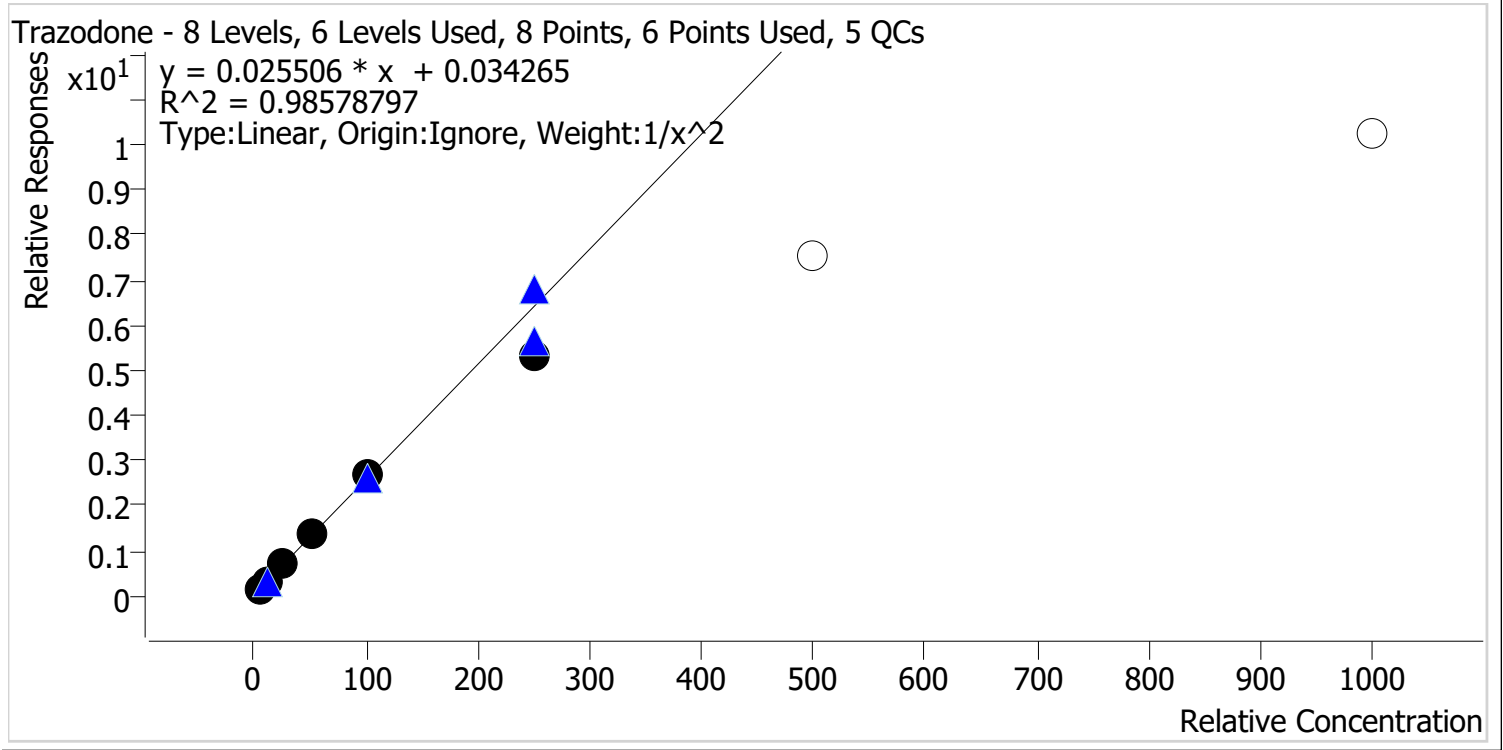
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	266.4	106.6
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	808.2	80.8

Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

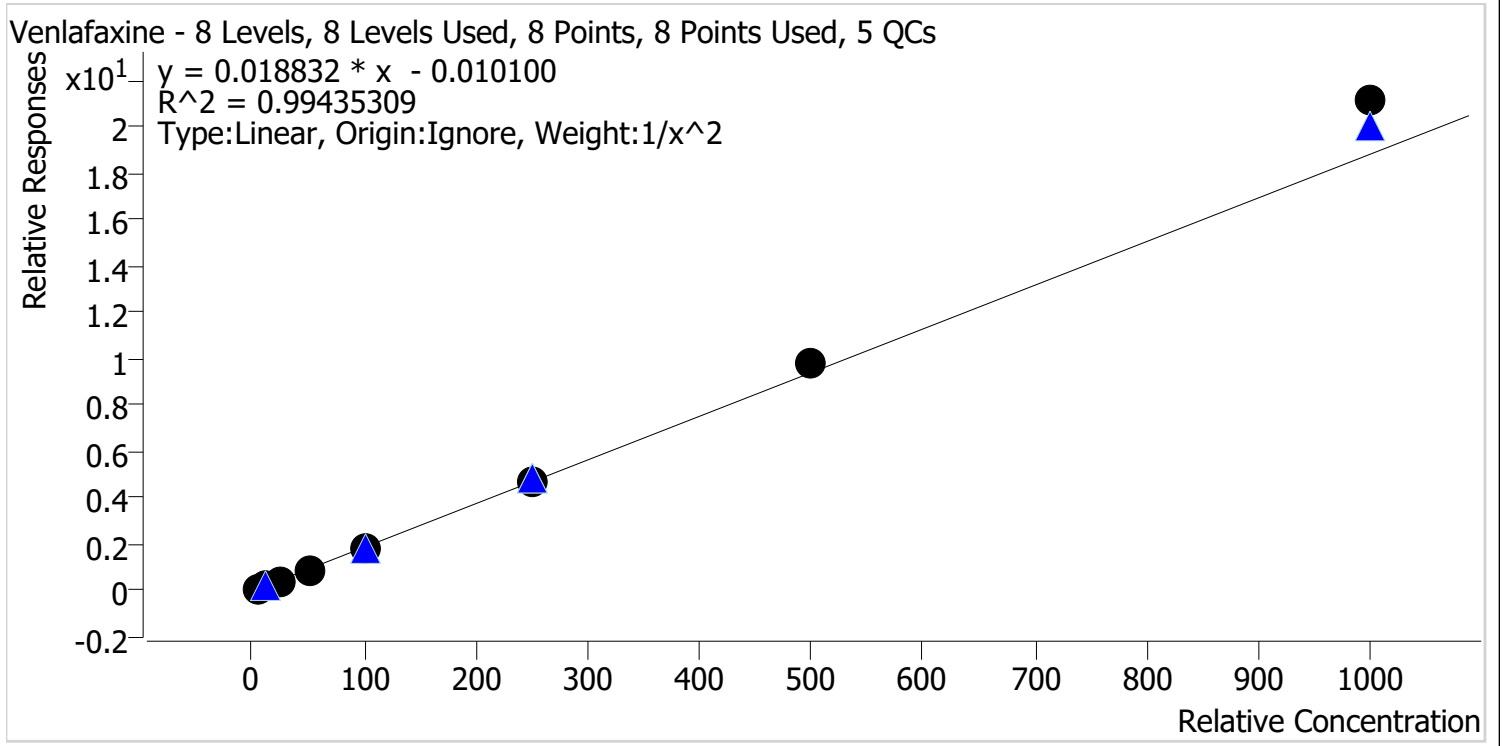


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	206.1	82.5
p1 Cal 7-500ng	7	x	500.0	295.0	59.0
p1 Cal 8-1000ng	8	x	1000.0	400.3	40.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.7	95.0
p1 Cal 4-50ng	4	✓	50.0	46.2	92.3
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	523.6	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1122.8	112.3

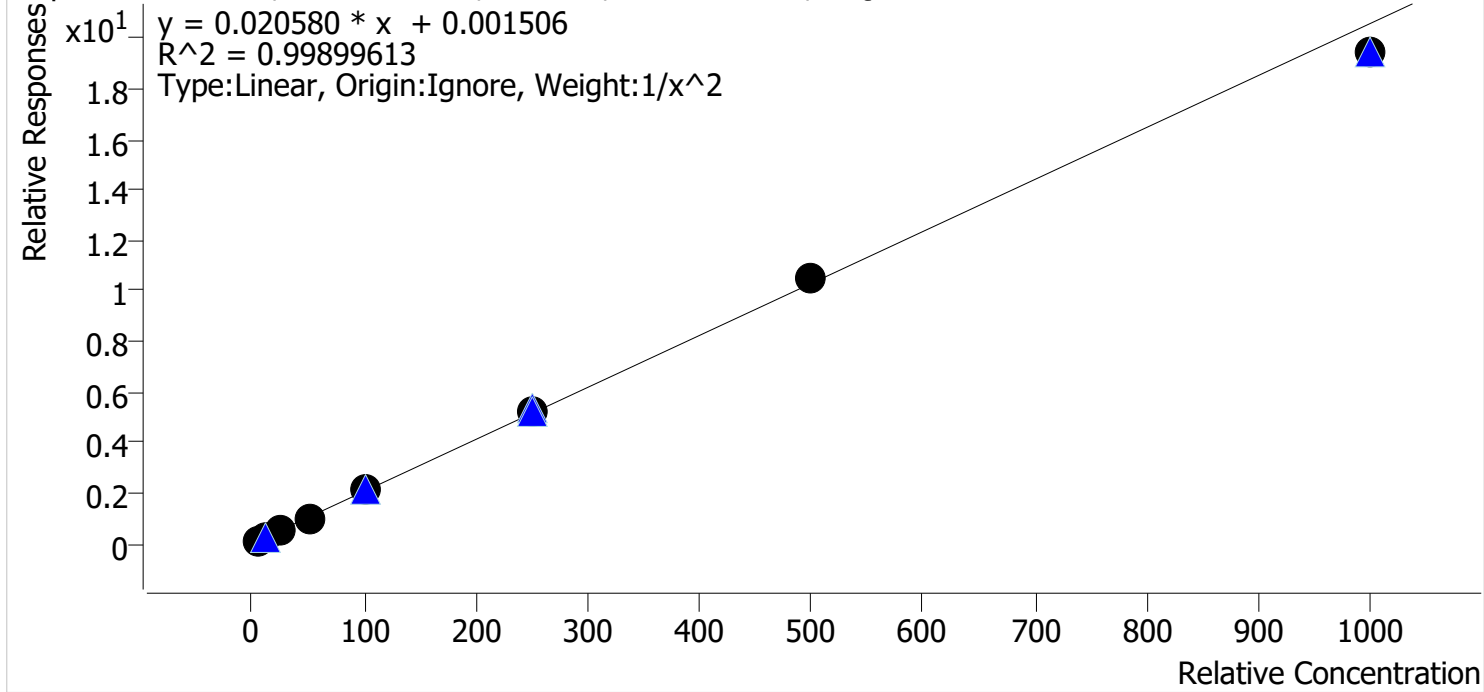
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/18/2023 2:37 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	100.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	512.6	102.5
p1 Cal 8-1000ng	8	✓	1000.0	944.1	94.4

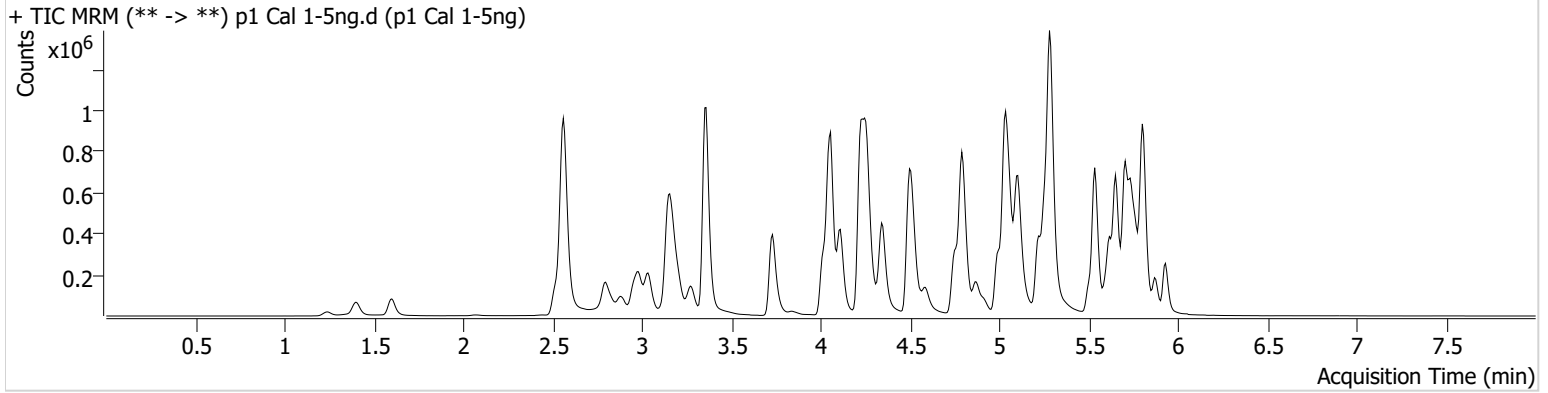


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 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-H12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 1:30:01 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	1744	99.08	65.8	1731.60	69642	0.5089 ng/ml
7-aminoclonazepam	4.244	29501	4205.65	78.4	34304.29	247921	4.7701 ng/ml
a-hydroxyalprazolam	5.682	15021	83.45	73.3	125.85	1152445	4.6674 ng/ml
alpha-PHP	4.915	30326	828.39	268.7	817.77	882582	5.1459 ng/ml
alpha-PVP	4.350	116360	396.46	50.0	786.56	882582	5.0806 ng/ml
Alprazolam	5.759	63224	591.25	112.2	628.12	275508	5.1402 ng/ml
Amphetamine	3.037	257230	290.69	48.9	954.37	419620	4.7019 ng/ml
Benzoylecgonine	3.871	4343	44.11	10.6 High	18.82	27460	4.8138 ng/ml
Buprenorphine	5.653	2084	156.08	15.0	28.46	123568	0.4993 ng/ml
Bupropion	4.765	130420	457.62	64.5	193.73	739176	5.0079 ng/ml
Carisoprodol	5.714	60681	341.67	54.6	69.50	531208	5.1958 ng/ml
Chlordiazepoxide	5.814	23198	1548.32	129.4	473.68	737302	2.5985 ng/ml
Chlorpheniramine	5.104	168488	2122.66	0.3	10.04	1584330	5.0518 ng/ml
Citalopram	5.218	102214	4299.12	37.7	38667.93	758822	5.0653 ng/ml
Clonazepam	5.601	75694	1475.78	33.3	125.71	172515	4.8486 ng/ml
Clonazolam	5.545	43621	3387.85	33.1	3642.03	172515	4.7079 ng/ml
Cocaine	4.257	94134	229.94	50.6	777.18	1360425	5.0956 ng/ml
Codeine	2.573	12174	116.90	102.6	1946.38	88510	4.6601 ng/ml
Cyclobenzaprine	5.618	72819	1861.90	9.1	119.07	570386	5.2218 ng/ml
Dextromethorphan	5.262	56158	57.39	80.7	183.82	458081	5.0061 ng/ml
Dextrorphan	4.111	33248	699.80	209.1	636.04	801738	5.1902 ng/ml
Diazepam	5.931	56402	275.42	88.8	1224.85	397656	4.9385 ng/ml
Dihydrocodeine	2.552	30870	58227.13	61.2	281.39	356790	4.8657 ng/ml
Diphenhydramine	5.290	278402	342.57	31.1	1817.56	2759723	5.0460 ng/ml
DMT	2.845	6963	105.96	68.0 Low	146.96	458081	6.2953 ng/ml
Doxylamine	4.518	246361	1506.25	98.2	265582.39	1965299	5.0156 ng/ml
Duloxetine	5.651	8103	311.87	15.4	118.68	82550	5.0559 ng/ml
EDDP	5.255	70378	434.13	40.8	635.42	713715	5.1417 ng/ml
Etizolam	5.797	33823	14564.66	26.2	432.57	172515	5.2746 ng/ml
Fentanyl	5.074	7324	168.92	71.5	124.69	763416	0.5230 ng/ml
Flualprazolam	5.695	18861	1152.70	95.8	245.94	275508	5.0782 ng/ml
Fluorofentanyl	5.128	25535	686.38	46.2	2092.67	7852	0.5108 ng/ml
Fluoxetine	5.704	98633	340.10	8.1	71.92	703867	5.2233 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	43464	103.35	33.6	89.59	444562	4.7776 ng/ml
Hydromorphone	1.609	35465	262.50	75.2	1531.82	206078	5.0256 ng/ml
Hydroxyzine	5.687	74549	1104.98	71.4	713.28	458081	5.1667 ng/ml
Ketamine	4.030	111107	9036.68	37.6	334.11	674414	4.8008 ng/ml
Lamotrigine	4.260	7823	159.09	88.7	909.72	2440933	4.9288 ng/ml
Lorazepam	5.737	56451	907.12	54.0	85.54	774061	4.6793 ng/ml
MDA	3.184	173315	438.52	23.8	473.13	584340	4.7669 ng/ml
MDMA	3.278	94681	4832.60	78.6	748.42	199117	5.0020 ng/ml
Meprobamate	4.895	35061	1920.15	26.8	364.93	325052	4.7895 ng/ml
Methadone	5.656	146424	2658.76	47.8	458.26	955207	5.1070 ng/ml
Methamphetamine	3.212	172859	2130.14	40.2	383.74	1320339	4.8048 ng/ml
Metoprolol	4.320	22048	22952.25	104.6	582.74	1790923	4.8414 ng/ml
Mirtazapine	4.586	163370	881.30	51.4	42477.96	882582	5.2070 ng/ml
Mitragynine	5.202	20583	5203.23	35.6	3309.80	955207	5.0617 ng/ml
Morphine	1.247	6165	376.25	26.2	282.74	19067	4.9592 ng/ml
Norbuprenorphine	4.984	511	617.15	68.6	347.92	17674	0.8408 ng/ml
Nordiazepam	5.877	44429	383.12	61.7	232.69	249981	4.9072 ng/ml
Norfentanyl	4.078	21443	858.90	37.6	41.13	1562041	0.5232 ng/ml
Norhydrocodone	3.060	3903	69.23	43.9	∞	111749	5.4358 ng/ml
Noroxycodone	2.904	42591	18.48	49.4	485.46	236788	4.9825 ng/ml
O-desmethyl-tramadol	3.359	213355	2199.38	6.0	304.31	2430695	5.0963 ng/ml
o-desmethylvenlafaxine	4.056	288446	415527.73	17.7	283.36	418196	5.1966 ng/ml
Olanzapine	4.345	37911	386.95	55.2	292.48	173832	5.0897 ng/ml
Oxazepam	5.740	64248	287.43	72.3	282.81	774061	4.8265 ng/ml
Oxycodone	2.822	74272	299.39	31.3	247.78	533864	4.8511 ng/ml
Oxymorphone	1.405	33310	∞	47.4	155.11	181211	4.9964 ng/ml
Phentermine	3.767	51146	214.45	4.8	28.59	1100802	4.7898 ng/ml
Promethazine	5.535	161965	741.66	30.9	450.53	1321905	5.1569 ng/ml
Pseudoephedrine	2.569	305886	10615.65	16.1	463.68	2440933	5.2055 ng/ml
Quetiapine	5.510	114379	259.08	55.3	148.37	270877	4.8746 ng/ml
Sertraline	5.766	37399	126.33	105.1	96.54	303973	5.0151 ng/ml
Temazepam	5.800	99425	193.02	30.8	83.54	1152445	4.9059 ng/ml
Tramadol	4.239	192166	∞	3.9	106.96	1790923	4.8084 ng/ml
Trazodone	5.032	134184	16298.62	61.9	2913.32	857113	4.7944 ng/ml
Venlafaxine	5.036	168125	10757.90	34.7	115.82	1931727	5.1578 ng/ml
Zolpidem	4.809	192781	3541.21	29.0	490.90	1832721	5.0381 ng/ml

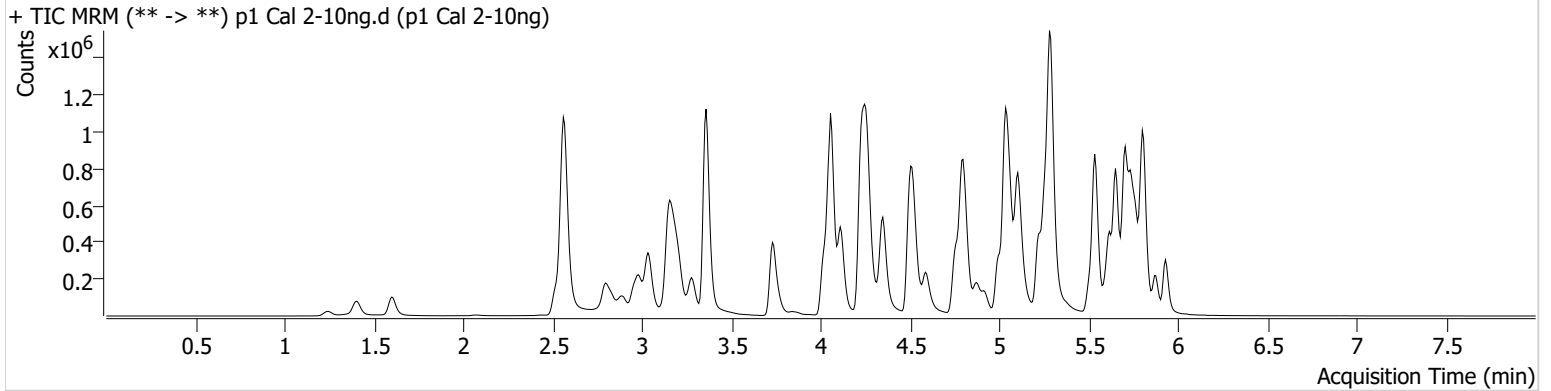
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 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-G12	Comment	
Injection Volume	2		
Acq. Date-Time	5/13/2023 1:40:49 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3393	3522.15	68.1	1597.17	70391	0.9856 ng/ml
7-aminoclonazepam	4.244	59989	60.09	77.3	69112.49	244884	10.5506 ng/ml
a-hydroxyalprazolam	5.682	30123	69.19	66.8	219.96	1108467	10.9536 ng/ml
alpha-PHP	4.921	60610	925.80	263.0	256.83	864945	9.8521 ng/ml
alpha-PVP	4.357	234298	407.15	49.6	780.12	864945	9.9456 ng/ml
Alprazolam	5.759	124128	237.06	110.9	274.83	278990	9.4533 ng/ml
Amphetamine	3.037	503640	1350.97	48.3	886.03	419301	10.6928 ng/ml
Benzoylecgonine	3.871	8308	832.79	7.0	247.11	25970	10.0798 ng/ml
Buprenorphine	5.653	3834	215.27	16.7	610.28	121475	0.9838 ng/ml
Bupropion	4.771	255365	2012.71	66.0	465.98	745506	9.8491 ng/ml
Carisoprodol	5.714	117239	436.87	53.1	155.78	535618	9.6633 ng/ml
Chlordiazepoxide	5.814	43808	2898.56	125.3	860.87	721399	8.0341 ng/ml
Chlorpheniramine	5.104	341832	4790.96	0.3	19.62	1593230	9.9338 ng/ml
Citalopram	5.218	207338	2448.00	36.1	1916.58	750079	9.9929 ng/ml
Clonazepam	5.601	141831	1446.57	34.3	2085.98	173747	10.0491 ng/ml
Clonazolam	5.545	86791	58042.28	32.4	24546.62	173747	10.5508 ng/ml
Cocaine	4.257	176352	1929.69	54.1	273.62	1341316	9.8475 ng/ml
Codeine	2.573	23398	73.75	104.7	997.54	85608	10.7220 ng/ml
Cyclobenzaprine	5.618	144979	3207.09	8.8	409.86	580895	9.5740 ng/ml
Dextromethorphan	5.262	112317	8352.56	81.0	99.96	455298	10.0728 ng/ml
Dextrorphan	4.118	63852	9445.76	218.3	1122.18	810212	9.4976 ng/ml
Diazepam	5.938	112182	495.42	88.6	576.01	395562	10.1409 ng/ml
Dihydrocodeine	2.552	60996	299.85	62.7	8381.26	363560	10.2377 ng/ml
Diphenhydramine	5.290	562474	70799.84	30.4	25117.80	2699223	9.9402 ng/ml
DMT	2.845	14987	125.73	62.6 Low	1880.61	455298	11.9429 ng/ml
Doxylamine	4.518	481835	1797.81	99.9	1839.93	1961263	9.8274 ng/ml
Duloxetine	5.644	16539	440.23	14.6	2275.65	85419	9.8205 ng/ml
EDDP	5.255	153033	608.48	44.6	1351.55	817363	9.6691 ng/ml
Etizolam	5.804	66275	6662.74	26.0	447.81	173747	9.5489 ng/ml
Fentanyl	5.074	15204	209.45	70.0	36697.36	796581	0.9542 ng/ml
Flualprazolam	5.695	33104	595.57	108.6	1750.14	278990	9.3811 ng/ml
Fluorofentanyl	5.128	49544	336.01	43.0	2724.47	7810	0.9940 ng/ml
Fluoxetine	5.704	204668	256210.87	8.0	∞	739874	9.5394 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	84804	177.22	34.4	66.08	449830	10.3434 ng/ml
Hydromorphone	1.609	71077	2822.87	75.2	990.84	207658	10.0170 ng/ml
Hydroxyzine	5.687	150848	2301.35	72.3	1719.00	455298	9.8237 ng/ml
Ketamine	4.030	220516	1486.05	37.7	410.45	678450	10.3146 ng/ml
Lamotrigine	4.267	15161	186.48	81.3	1022.33	2428137	9.9820 ng/ml
Lorazepam	5.737	110929	709.06	52.2	338.47	748874	10.9286 ng/ml
MDA	3.191	336105	1871.99	24.0	1182.10	586021	10.5082 ng/ml
MDMA	3.285	183555	2509.63	81.2	1532.69	199238	9.9231 ng/ml
Meprobamate	4.895	66588	1079.39	25.4	375.79	322197	10.3662 ng/ml
Methadone	5.656	289698	514.52	47.8	612.95	949240	9.6923 ng/ml
Methamphetamine	3.212	330651	374.56	40.5	858.54	1342864	10.3540 ng/ml
Metoprolol	4.320	44034	1203.88	106.8	644.42	1753502	10.3922 ng/ml
Mirtazapine	4.593	329674	1865.08	50.2	1066.63	864945	9.7127 ng/ml
Mitragynine	5.202	42316	13289.66	35.4	1437.00	949240	9.8243 ng/ml
Morphine	1.247	12208	408.69	26.0	316.95	19722	9.9205 ng/ml
Norbuprenorphine	4.990	616	237.66	71.4	58.86	17382	1.0760 ng/ml
Nordiazepam	5.877	90472	1948.49	60.1	1251.16	252693	10.2201 ng/ml
Norfentanyl	4.078	42966	274.07	36.4	171.74	1571216	0.9508 ng/ml
Norhydrocodone	3.060	7781	58.71	37.2	26.35	108648	9.1024 ng/ml
Noroxycodone	2.904	83610	2819.81	46.5	5705.19	237220	10.0294 ng/ml
O-desmethyl-tramadol	3.366	426101	1482.94	6.1	4108.62	2420998	9.8030 ng/ml
o-desmethylvenlafaxine	4.063	583792	13961.32	17.4	1056.63	419469	9.6573 ng/ml
Olanzapine	4.352	73572	2104.27	56.1	622.33	170759	9.7322 ng/ml
Oxazepam	5.740	125830	1455.50	74.4	125.34	748874	10.3241 ng/ml
Oxycodone	2.828	147803	458.50	30.1	492.81	546694	10.1986 ng/ml
Oxymorphone	1.405	64436	270.56	48.5	247.92	181701	9.9573 ng/ml
Phentermine	3.767	103765	1306.64	4.3	29.03	1104068	10.4792 ng/ml
Promethazine	5.535	331670	637.12	31.2	144.15	1357905	9.7199 ng/ml
Pseudoephedrine	2.576	605753	1406.74	15.9	1867.15	2428137	9.6230 ng/ml
Quetiapine	5.510	217305	4090.90	57.6	131290.81	273450	9.9610 ng/ml
Sertraline	5.766	83325	462.25	94.4	647.33	328952	10.0348 ng/ml
Temazepam	5.807	194763	400.28	30.7	282.39	1108467	10.2593 ng/ml
Tramadol	4.239	391447	148.28	2.9	65.36	1753502	10.4613 ng/ml
Trazodone	5.032	261032	53165.65	62.4	1660.24	875356	10.3479 ng/ml
Venlafaxine	5.036	329136	417.64	36.1	209.27	1896480	9.7520 ng/ml
Zolpidem	4.816	370294	1509.83	29.9	653.26	1825143	9.7854 ng/ml

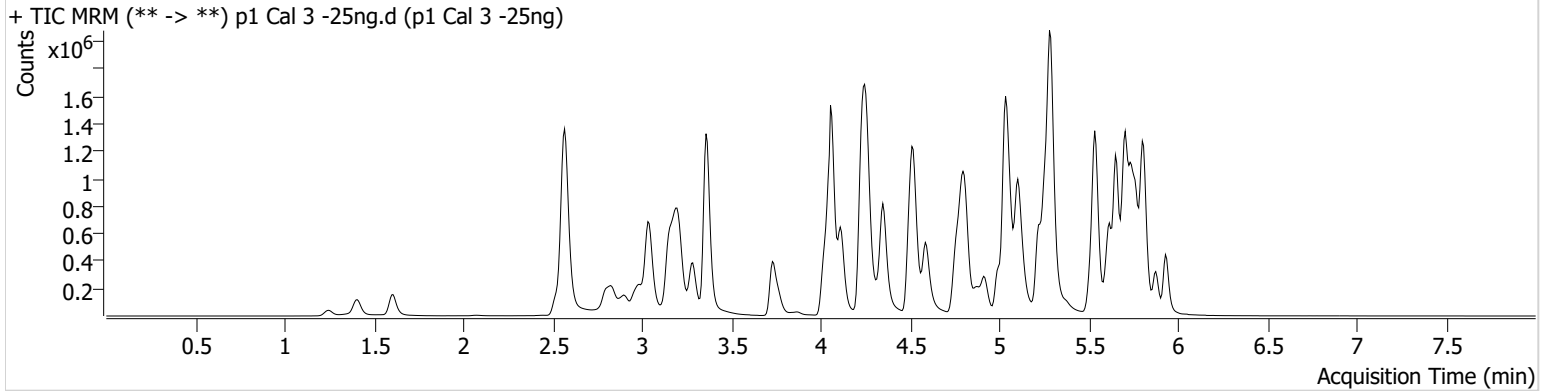


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 Cal 3 -25ng.d
Type Cal Sample p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 1:51:26 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	8009	23526.02	73.0	466.86	69008	2.3828 ng/ml
7-aminoclonazepam	4.244	143989	611.14	78.3	452.83	239056	26.9478 ng/ml
a-hydroxyalprazolam	5.682	68445	281.66	72.1	279.61	1124431	25.9318 ng/ml
alpha-PHP	4.921	149739	3958.55	270.8	88290.44	870929	23.2743 ng/ml
alpha-PVP	4.357	591499	12119.76	48.8	297.11	870929	24.2313 ng/ml
Alprazolam	5.759	307512	282.13	109.3	1047.46	254024	24.7817 ng/ml
Amphetamine	3.037	1176139	2219.36	48.6	6411.53	407711	27.8424 ng/ml
Benzoylecgonine	3.871	18999	672.75	8.6	725.85	24586	24.8234 ng/ml
Buprenorphine	5.653	10536	622.35	15.0	1894.12	129747	2.6202 ng/ml
Bupropion	4.771	636270	7816.77	65.7	∞	730206	25.2620 ng/ml
Carisoprodol	5.714	262167	314088.77	57.1	292.62	494447	22.9538 ng/ml
Chlordiazepoxide	5.821	102536	3224.25	131.9	1986.32	691345	24.3039 ng/ml
Chlorpheniramine	5.104	875250	28961.01	0.3	150.84	1619401	24.6388 ng/ml
Citalopram	5.218	535334	467.85	36.5	449.72	778518	24.2904 ng/ml
Clonazepam	5.601	349015	6313.47	34.4	430.41	168023	27.4173 ng/ml
Clonazolam	5.545	201682	472.72	33.4	112521.69	168023	27.1505 ng/ml
Cocaine	4.257	416911	523.83	54.6	5532.61	1322640	23.8658 ng/ml
Codeine	2.573	54728	1109.88	104.7	851.03	83850	27.6601 ng/ml
Cyclobenzaprine	5.625	379645	246.30	8.9	510.10	601409	23.1995 ng/ml
Dextromethorphan	5.262	287136	256.80	79.8	220.47	476125	24.6231 ng/ml
Dextrorphan	4.118	167339	2367.79	212.8	639.87	816692	24.0430 ng/ml
Diazepam	5.938	276450	596.17	87.4	2122.99	392435	25.5847 ng/ml
Dihydrocodeine	2.552	148205	724.20	61.4	5938.84	356634	26.6208 ng/ml
Diphenhydramine	5.290	1437572	31885.59	29.6	270.64	2702227	24.6730 ng/ml
DMT	2.845	35888	422.87	63.4 Low	510.70	476125	25.4785 ng/ml
Doxylamine	4.518	1229638	37129.70	98.5	90975.16	1949457	25.2272 ng/ml
Duloxetine	5.644	43803	2264.59	13.2	107.15	90524	24.3076 ng/ml
EDDP	5.255	419547	813.86	43.9	656.03	883211	24.3722 ng/ml
Etizolam	5.804	154747	123694.48	28.4	2534.73	168023	21.9889 ng/ml
Fentanyl	5.074	39807	1894.71	74.0	31171.36	809549	2.3211 ng/ml
Flualprazolam	5.695	80557	6825.13	103.4	2103.26	254024	26.3941 ng/ml
Fluorofentanyl	5.128	130503	1115.62	42.6	17961.40	8722	2.3410 ng/ml
Fluoxetine	5.704	534021	660.85	8.1	39851.56	744904	23.4613 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	201616	294.54	34.6	127.02	428992	27.6040 ng/ml
Hydromorphone	1.609	168243	4598.75	78.0	7034.82	203878	24.1811 ng/ml
Hydroxyzine	5.687	384694	1690.96	73.9	3061.12	476125	22.9916 ng/ml
Ketamine	4.030	535024	1545.04	38.4	464.67	659638	27.0351 ng/ml
Lamotrigine	4.267	36949	997.07	86.8	2660.43	2297046	26.3465 ng/ml
Lorazepam	5.737	246156	3939.68	53.9	909.60	711972	27.3509 ng/ml
MDA	3.191	778085	5878.55	23.8	1951.42	567062	27.0642 ng/ml
MDMA	3.285	452932	4064.10	80.2	2020.20	195784	25.2913 ng/ml
Meprobamate	4.895	157580	233.21	25.2	2528.35	308242	27.5559 ng/ml
Methadone	5.656	778553	28067.15	46.6	10424.15	978187	24.5056 ng/ml
Methamphetamine	3.212	774901	1334.98	40.5	922.87	1321195	26.7305 ng/ml
Metoprolol	4.320	107475	92325.07	104.9	3274.69	1721723	26.5716 ng/ml
Mirtazapine	4.586	831143	4583.01	50.3	1277.97	870929	22.8857 ng/ml
Mitragynine	5.202	114912	1050.65	35.8	30100.51	978187	24.8991 ng/ml
Morphine	1.253	30032	3458.47	25.4	151.71	19050	25.9844 ng/ml
Norbuprenorphine	4.990	1408	1821.57	72.1	535.42	18181	2.5912 ng/ml
Nordiazepam	5.877	218795	1372.84	60.5	941.51	249725	25.4874 ng/ml
Norfentanyl	4.078	106906	570.90	36.8	2160.70	1502683	2.3260 ng/ml
Norhydrocodone	3.067	19029	257.30	39.1	77.79	98589	21.2359 ng/ml
Noroxycodone	2.911	196804	655.10	48.7	418.07	225341	25.2616 ng/ml
O-desmethyl-tramadol	3.366	1044131	46769.57	6.0	1915.92	2333754	24.2819 ng/ml
o-desmethylvenlafaxine	4.063	1441225	58408.02	17.2	1235.48	408990	23.2053 ng/ml
Olanzapine	4.345	204205	1143.44	56.6	905.47	184065	24.5385 ng/ml
Oxazepam	5.740	299604	494.07	74.7	217.91	711972	26.6687 ng/ml
Oxycodone	2.828	361575	2460.48	30.8	1142.53	536590	26.6394 ng/ml
Oxymorphone	1.405	160153	∞	48.5	676.08	183622	24.9893 ng/ml
Phentermine	3.767	247807	1247.86	4.6	221.38	1075268	26.8182 ng/ml
Promethazine	5.535	882123	902.74	31.0	806.73	1435391	23.6010 ng/ml
Pseudoephedrine	2.576	1450499	1337.91	16.1	1439.75	2297046	23.2142 ng/ml
Quetiapine	5.510	558556	17220.67	56.7	1564.00	271646	27.1902 ng/ml
Sertraline	5.773	208529	303.90	95.9	18719.22	334097	24.3248 ng/ml
Temazepam	5.807	481554	668.64	29.8	190.30	1124431	25.3779 ng/ml
Tramadol	4.239	935660	∞	3.6	241.92	1721723	26.0741 ng/ml
Trazodone	5.032	661802	437387.45	62.9	25929.25	896150	27.6099 ng/ml
Venlafaxine	5.036	823162	1447.64	35.5	3408.01	1883595	23.7422 ng/ml
Zolpidem	4.809	936939	171987.33	29.3	2173.42	1792576	25.3247 ng/ml

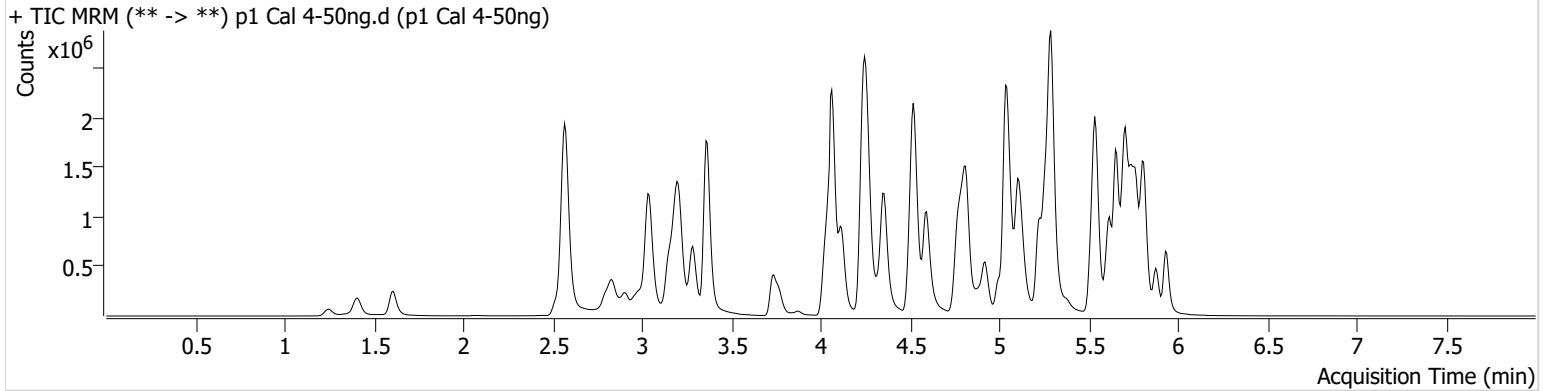


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng.d
Type Cal **Sample** p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E12 **Comment**
Injection Volume 2
Acq. Date-Time 5/13/2023 2:02:02 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	16844	530.72	74.1	274.77	72078	4.8049 ng/ml
7-aminoclonazepam	4.244	279354	5648.40	78.9	326.74	241047	52.4871 ng/ml
a-hydroxyalprazolam	5.682	123801	468.21	68.7	∞	984147	54.7914 ng/ml
alpha-PHP	4.921	310610	1176.88	264.4	3373.32	895771	46.3114 ng/ml
alpha-PVP	4.357	1179851	3306.82	49.9	9836.13	895771	46.5541 ng/ml
Alprazolam	5.759	600141	2138.62	107.9	658.75	243263	49.9368 ng/ml
Amphetamine	3.043	2258138	7292.62	48.6	2622.43	422751	52.8681 ng/ml
Benzoylecgonine	3.871	40451	202.10	7.9	262.45	27059	48.3348 ng/ml
Buprenorphine	5.653	17830	2329.38	15.7	2563.31	118976	4.8838 ng/ml
Bupropion	4.771	1293976	50087.40	65.0	439.25	739017	50.8984 ng/ml
Carisoprodol	5.714	469790	329.91	55.1	230.05	434096	46.5180 ng/ml
Chlordiazepoxide	5.821	187127	6517.06	131.9	1552.44	633271	51.6428 ng/ml
Chlorpheniramine	5.111	1790701	10954.21	0.3	417.14	1706164	47.6069 ng/ml
Citalopram	5.225	1029966	15363.12	37.6	13662.09	775702	46.5482 ng/ml
Clonazepam	5.601	643917	2338.43	34.9	24049.54	160729	53.9893 ng/ml
Clonazolam	5.545	384100	597448.45	34.1	251.41	160729	55.3239 ng/ml
Cocaine	4.257	856930	595.82	53.0	3167.44	1340476	48.5905 ng/ml
Codeine	2.573	107529	236.49	100.3	26463.82	84055	55.6357 ng/ml
Cyclobenzaprine	5.625	749381	22264.90	9.0	1159.45	593203	45.7619 ng/ml
Dextromethorphan	5.269	553080	263.50	79.2	999.46	460849	49.0003 ng/ml
Dextrorphan	4.118	329950	2304.68	214.8	1040.46	809116	47.4485 ng/ml
Diazepam	5.938	525102	1995.66	88.7	555.97	381223	50.2804 ng/ml
Dihydrocodeine	2.552	293612	45737.80	62.5	715.56	368710	51.7947 ng/ml
Diphenhydramine	5.290	2844043	37503.63	30.0	34561.69	2726682	47.9390 ng/ml
DMT	2.845	72276	2794.09	71.0	2176.09	460849	51.4467 ng/ml
Doxylamine	4.525	2598916	942.61	97.1	7418.63	2070481	50.2002 ng/ml
Duloxetine	5.651	83411	3465.03	11.8	6314.10	81269	51.3830 ng/ml
EDDP	5.262	772793	9608.22	43.0	459.34	841773	47.0058 ng/ml
Etizolam	5.804	311546	5569.58	27.2	2226.56	160729	45.4455 ng/ml
Fentanyl	5.081	79533	272556.41	69.7	52983.88	801703	4.5942 ng/ml
Flualprazolam	5.695	150625	31.12	107.4	25412.67	243263	52.2870 ng/ml
Fluorofentanyl	5.128	255591	15761.95	44.3	2317.69	8760	4.5629 ng/ml
Fluoxetine	5.704	963438	23357.82	8.0	133271.26	679423	45.6315 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	389014	181.08	35.5	131.11	444976	52.3959 ng/ml
Hydromorphone	1.609	350069	2561.80	74.7	273144.32	207354	49.4940 ng/ml
Hydroxyzine	5.687	766515	1213.23	74.3	8959.04	460849	46.6199 ng/ml
Ketamine	4.036	1065132	93124.98	38.4	478.65	689795	52.2520 ng/ml
Lamotrigine	4.274	71338	1496.29	88.6	1605.64	2276403	51.7086 ng/ml
Lorazepam	5.737	396788	2053.37	53.2	952.03	632855	50.7233 ng/ml
MDA	3.191	1466559	3949.76	23.2	1459.34	548990	53.9992 ng/ml
MDMA	3.285	901736	2945.38	81.4	3470.10	197926	50.0466 ng/ml
Meprobamate	4.901	294507	34813.41	25.3	736.09	305149	53.1751 ng/ml
Methadone	5.656	1511801	2653.35	47.5	3360.28	942958	48.8765 ng/ml
Methamphetamine	3.212	1558354	2197.77	40.4	1994.83	1371317	53.1935 ng/ml
Metoprolol	4.320	212184	8250.82	106.6	603.87	1796385	50.7227 ng/ml
Mirtazapine	4.593	1727333	3915.27	49.9	1691.68	895771	45.2710 ng/ml
Mitragynine	5.209	224427	233601.38	35.6	81541.09	942958	49.8241 ng/ml
Morphine	1.247	60531	1292.58	25.5	478.43	19549	51.4866 ng/ml
Norbuprenorphine	4.997	2518	5135.97	89.8	3994.67	17197	5.0756 ng/ml
Nordiazepam	5.877	420307	10270.29	61.7	780.54	242172	50.8125 ng/ml
Norfentanyl	4.078	207750	1409.27	38.6	544.72	1452858	4.5821 ng/ml
Norhydrocodone	3.067	36931	165.60	39.2	114.08	90624	42.6741 ng/ml
Noroxycodone	2.911	382295	1136.12	48.9	812.44	222803	49.8976 ng/ml
O-desmethyl-tramadol	3.366	2132448	72977.83	6.0	4025.22	2398589	47.8427 ng/ml
o-desmethylvenlafaxine	4.063	2966199	36145.14	16.7	1738.07	414009	46.3394 ng/ml
Olanzapine	4.352	373473	1966.97	55.8	613.06	167678	48.9315 ng/ml
Oxazepam	5.740	509716	3531.79	75.4	1142.63	632855	51.5372 ng/ml
Oxycodone	2.828	734328	2678.04	30.4	1665.52	558268	52.7800 ng/ml
Oxymorphone	1.405	314639	738.50	48.9	536.00	180682	50.2345 ng/ml
Phentermine	3.767	498376	936.50	4.4	237.67	1109687	52.9957 ng/ml
Promethazine	5.535	1708920	1750.40	31.3	6510.50	1390163	46.6452 ng/ml
Pseudoephedrine	2.576	2925456	2453.08	15.7	33755.56	2276403	46.4713 ng/ml
Quetiapine	5.516	1125150	26547.68	57.0	436.17	283860	53.2428 ng/ml
Sertraline	5.773	395489	933.09	94.6	817.95	309411	49.5269 ng/ml
Temazepam	5.807	845677	995.43	30.2	1429.84	984147	51.1801 ng/ml
Tramadol	4.239	1931842	61.45	3.6	259.22	1796385	52.0118 ng/ml
Trazodone	5.032	1255048	1792.38	65.4	25523.37	914095	52.4860 ng/ml
Venlafaxine	5.042	1639702	54038.90	35.5	1063.81	1907872	46.1733 ng/ml
Zolpidem	4.816	1914168	4132.84	29.4	947.61	1872307	49.6051 ng/ml

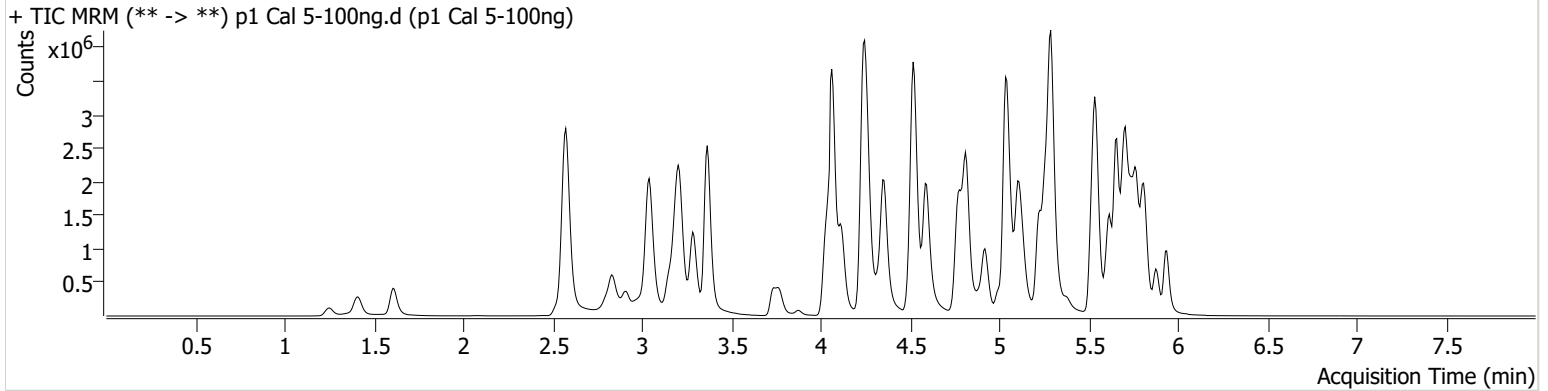


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 Cal 5-100ng.d
Type Cal Sample p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-D12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 2:12:40 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	33662	311.47	68.5	21421.53	66160	10.4690 ng/ml
7-aminoclonazepam	4.244	462153	10857.76	79.4	6886.07	206328	102.0878 ng/ml
a-hydroxyalprazolam	5.682	190970	496.75	71.3	480.84	794045	105.7802 ng/ml
alpha-PHP	4.921	590451	2982.13	273.0	62394.97	810474	96.6198 ng/ml
alpha-PVP	4.357	2250471	18491.01	51.2	10672.14	810474	97.6255 ng/ml
Alprazolam	5.759	1047383	856.45	108.8	613.59	209291	100.7360 ng/ml
Amphetamine	3.043	3917819	12138.98	48.0	1394.85	391476	100.4001 ng/ml
Benzoylecgonine	3.877	78795	1886.12	8.5	272.45	25329	100.9429 ng/ml
Buprenorphine	5.653	34957	50421.28	13.2	6191.82	108392	10.5756 ng/ml
Bupropion	4.771	2525428	1837.92	64.8	∞	708368	103.7750 ng/ml
Carisoprodol	5.721	718275	476.05	55.7	3057.02	311003	98.9105 ng/ml
Chlordiazepoxide	5.821	301462	9735.40	144.7	4182.94	516364	105.2000 ng/ml
Chlorpheniramine	5.111	3495434	89797.68	0.3	194.60	1583153	99.8690 ng/ml
Citalopram	5.225	1977230	180657.31	37.2	6171.54	701905	98.3255 ng/ml
Clonazepam	5.601	1065243	2243.77	34.8	33178.75	136441	106.3492 ng/ml
Clonazolam	5.552	638770	232418.56	34.8	4995.78	136441	109.6127 ng/ml
Cocaine	4.257	1574465	1017.87	52.5	104550.69	1205571	99.4585 ng/ml
Codeine	2.580	181247	7586.64	102.0	4077.37	75052	106.3409 ng/ml
Cyclobenzaprine	5.625	1451801	54686.90	8.6	505.76	539635	96.7062 ng/ml
Dextromethorphan	5.269	1035530	257787.57	77.9	40119.25	425093	99.4588 ng/ml
Dextrorphan	4.118	630355	841.81	214.0	20796.42	744003	98.1435 ng/ml
Diazepam	5.938	930076	598.46	89.2	3871.30	339487	100.2704 ng/ml
Dihydrocodeine	2.552	548539	16349.26	61.2	312.56	355153	101.2624 ng/ml
Diphenhydramine	5.290	5375799	38879.16	30.1	24496.58	2460850	99.9066 ng/ml
DMT	2.845	115312	1152.04	75.9	959.57	425093	87.9260 ng/ml
Doxylamine	4.518	5078960	3024.74	97.0	11136.71	1951226	104.0974 ng/ml
Duloxetine	5.651	146533	3120.42	13.1	2402.07	72555	100.9563 ng/ml
EDDP	5.262	1507292	465.57	42.8	13446.75	796607	96.7702 ng/ml
Etizolam	5.804	560180	31591.73	27.0	1523.10	136441	95.4171 ng/ml
Fentanyl	5.074	154444	12095.45	72.0	75531.25	741241	9.5533 ng/ml
Flualprazolam	5.695	251586	3673.36	107.5	6605.36	209291	102.2539 ng/ml
Fluorofentanyl	5.128	503640	∞	43.3	29996.04	7812	10.0786 ng/ml
Fluoxetine	5.711	1712688	447.70	7.9	188905.87	561121	97.3076 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	721883	∞	34.5	750.31	410353	106.6665 ng/ml
Hydromorphone	1.609	668307	2133621.70	74.0	6483.92	191097	102.5491 ng/ml
Hydroxyzine	5.687	1438750	17435.62	77.2	8929.37	425093	94.1715 ng/ml
Ketamine	4.030	2026318	1984.45	38.0	881.45	638861	108.2433 ng/ml
Lamotrigine	4.274	125835	2585.28	89.7	10756.96	2005284	103.9433 ng/ml
Lorazepam	5.737	548454	2547.13	53.3	∞	448641	100.2114 ng/ml
MDA	3.191	2384529	8578.64	22.9	5997.53	486988	100.1288 ng/ml
MDMA	3.285	1711368	20918.54	80.8	7578.92	185302	101.7063 ng/ml
Meprobamate	4.901	493613	881.43	24.8	335.87	273347	100.6248 ng/ml
Methadone	5.656	2932975	34775.27	46.9	14089.99	900913	98.7539 ng/ml
Methamphetamine	3.212	2956287	18664.49	39.6	4396.00	1314123	106.7684 ng/ml
Metoprolol	4.320	390721	527339.11	106.1	1779.42	1697675	99.3043 ng/ml
Mirtazapine	4.593	3334652	98091.73	49.4	33401.11	810474	95.5144 ng/ml
Mitragynine	5.209	407442	1673.27	36.0	148146.91	900913	94.1309 ng/ml
Morphine	1.253	116340	6125.80	25.0	3650.66	18857	103.0471 ng/ml
Norbuprenorphine	4.997	4922	2982.99	78.5	3928.54	18636	9.3156 ng/ml
Nordiazepam	5.877	732112	879.56	61.1	639.08	203933	105.4563 ng/ml
Norfentanyl	4.078	387279	13105.45	37.1	1005.85	1267949	9.6829 ng/ml
Norhydrocodone	3.067	69407	∞	40.6	132.74	71982	98.3145 ng/ml
Noroxycodone	2.911	672929	9757.47	49.3	3623.67	194602	100.8410 ng/ml
O-desmethyl-tramadol	3.366	4158475	159898.63	6.0	8522.82	2254526	98.8151 ng/ml
o-desmethylvenlafaxine	4.063	5665481	75399.37	16.8	9994.35	378392	95.9533 ng/ml
Olanzapine	4.345	723554	2050.77	58.1	1499.21	156219	101.3945 ng/ml
Oxazepam	5.740	744833	5097.38	74.1	244.21	448641	106.8058 ng/ml
Oxycodone	2.828	1381097	6721.13	30.5	4902.72	523092	106.7659 ng/ml
Oxymorphone	1.411	598207	∞	46.2	∞	165440	104.6762 ng/ml
Phentermine	3.774	890382	∞	4.4	84.95	1046802	101.0587 ng/ml
Promethazine	5.541	3386462	1930.47	30.5	1704.87	1298113	98.3554 ng/ml
Pseudoephedrine	2.576	5336125	182725.98	15.6	4799.42	2005284	95.4260 ng/ml
Quetiapine	5.516	2147326	134913.02	57.3	48921.09	269685	107.8541 ng/ml
Sertraline	5.773	730224	1215.42	95.7	698.30	275913	102.2540 ng/ml
Temazepam	5.807	1361122	18422.80	30.0	522.87	794045	102.3532 ng/ml
Tramadol	4.239	3664983	209.72	3.7	120.98	1697675	104.8378 ng/ml
Trazodone	5.032	2303643	40936.68	65.6	2264.83	867534	102.7635 ng/ml
Venlafaxine	5.043	3154216	2028.60	34.6	1108.52	1775618	94.8648 ng/ml
Zolpidem	4.816	3721563	29012.45	28.8	45226.00	1775490	101.7790 ng/ml

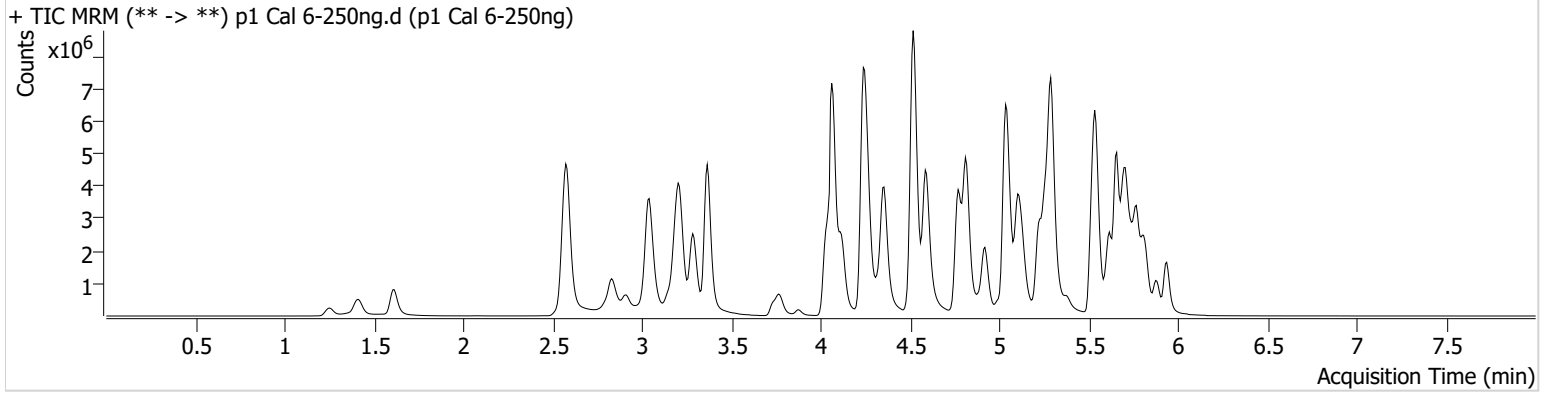


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 Cal 6-250ng.d
Type Cal Sample p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-C12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 2:23:17 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	78275	4600.74	71.4	118093.18	64088	25.1402 ng/ml
7-aminoclonazepam	4.244	755479	7394.11	79.0	473.32	164067	210.5969 ng/ml
a-hydroxyalprazolam	5.682	260724	320.24	68.9	146.60	447937	257.6037 ng/ml
alpha-PHP	4.921	1351713	3898.75	267.9	126455.01	714489	249.9186 ng/ml
alpha-PVP	4.357	5109953	21719.93	50.0	57058.43	714489	250.7126 ng/ml
Alprazolam	5.759	1993258	780.47	106.2	984.99	153605	260.3391 ng/ml
Amphetamine	3.043	7623685	57609.94	45.6	8053.59	378146	203.8206 ng/ml
Benzoylecgonine	3.877	194410	2204.61	8.1	1268.22	25150	251.3231 ng/ml
Buprenorphine	5.659	62434	859.93	15.5	8341.60	83670	24.5435 ng/ml
Bupropion	4.771	5954733	109313.64	63.6	3525.98	673871	257.4175 ng/ml
Carisoprodol	5.721	1088848	271.99	55.9	147.05	179661	259.0370 ng/ml
Chlordiazepoxide	5.821	472592	1651.62	151.9	6698.80	346945	249.7788 ng/ml
Chlorpheniramine	5.104	8180596	101814.08	0.3	434.31	1461844	252.7365 ng/ml
Citalopram	5.225	4167190	147703.71	37.3	3815.15	581970	249.3479 ng/ml
Clonazepam	5.601	1720234	17749.74	35.1	15198.34	99452	237.0670 ng/ml
Clonazolam	5.552	1071083	145083.91	35.3	278988.34	99452	253.8217 ng/ml
Cocaine	4.257	3350175	51124.48	52.5	916.09	1007712	253.4659 ng/ml
Codeine	2.580	324158	193.67	99.6	3530.50	63756	225.5248 ng/ml
Cyclobenzaprine	5.625	3090424	103631.03	8.5	711.33	437830	252.6443 ng/ml
Dextromethorphan	5.262	2113595	31900.23	77.2	20313.31	342185	252.1877 ng/ml
Dextrorphan	4.118	1405268	31316.01	216.5	1630.87	652044	249.0237 ng/ml
Diazepam	5.938	1837929	2657.74	89.6	∞	266707	252.6193 ng/ml
Dihydrocodeine	2.552	1131768	19626.57	63.4	620.35	335115	222.4360 ng/ml
Diphenhydramine	5.290	11450440	651.35	29.7	821.70	2061610	253.3114 ng/ml
DMT	2.845	246452	4014.30	90.9	600.05	342185	231.0549 ng/ml
Doxylamine	4.518	12594772	2324.50	95.2	342354.92	1846106	272.8348 ng/ml
Duloxetine	5.651	255468	2421.02	12.3	1354.30	51010	250.1187 ng/ml
EDDP	5.262	3375308	93964.61	42.0	851.90	692903	248.9683 ng/ml
Etizolam	5.804	1145266	1299.96	26.9	2221.65	99452	266.2682 ng/ml
Fentanyl	5.074	360584	766.50	69.0	577.85	646360	25.4322 ng/ml
Flualprazolam	5.695	414542	12587.13	111.2	1753.54	153605	230.5498 ng/ml
Fluorofentanyl	5.128	1180316	22725.26	43.0	9905.27	6544	28.1912 ng/ml
Fluoxetine	5.711	3027397	1049.67	7.8	824.31	393756	243.9104 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	1533323	∞	36.2	936.63	381553	245.2317 ng/ml
Hydromorphone	1.615	1505509	7523979.15	75.2	7251329.17	173574	254.3699 ng/ml
Hydroxyzine	5.687	3074927	23653.70	75.8	25727.91	342185	248.9200 ng/ml
Ketamine	4.030	4430273	90338.86	37.0	1114.80	587772	258.4222 ng/ml
Lamotrigine	4.274	239723	12235.12	87.4	1391.33	1575873	252.5473 ng/ml
Lorazepam	5.737	642668	24256.79	51.8	1534.05	236815	224.1462 ng/ml
MDA	3.184	3950896	8927.85	21.9	662.78	391202	207.9917 ng/ml
MDMA	3.285	3777729	66052.40	80.0	4164.81	163435	254.9193 ng/ml
Meprobamate	4.895	866144	10513.63	24.6	972.09	233162	208.3705 ng/ml
Methadone	5.656	6593055	49414.19	45.3	822.27	782746	254.7407 ng/ml
Methamphetamine	3.212	6562440	1599.69	38.5	1587.39	1294812	242.4160 ng/ml
Metoprolol	4.320	779543	755965.17	106.5	3970.73	1463159	230.5354 ng/ml
Mirtazapine	4.586	7800156	3813.08	48.0	74651.56	714489	251.8589 ng/ml
Mitragynine	5.202	936914	13990.42	36.3	2140.07	782746	248.1340 ng/ml
Morphine	1.253	262073	818.14	27.1	541.18	17248	254.4587 ng/ml
Norbuprenorphine	4.997	10900	387.49	88.3	8912.02	16817	23.1541 ng/ml
Nordiazepam	5.884	1304577	887.36	61.0	2983.39	154793	248.0164 ng/ml
Norfentanyl	4.085	769246	1828.03	38.2	10558.45	944224	25.6733 ng/ml
Norhydrocodone	3.067	163995	257.25	40.5	138.06	59847	275.8162 ng/ml
Noroxycodone	2.911	1263930	692.30	49.0	1033.66	148977	247.8144 ng/ml
O-desmethyl-tramadol	3.366	9830247	2541.84	5.7	618.48	2022420	259.7216 ng/ml
o-desmethylvenlafaxine	4.063	12803639	362830.05	16.3	8176.12	321172	254.1292 ng/ml
Olanzapine	4.345	1549738	3223.46	57.6	1576.32	132493	255.5558 ng/ml
Oxazepam	5.740	905057	133.07	73.9	25026.48	236815	246.5714 ng/ml
Oxycodone	2.828	2938907	1126.77	30.4	∞	497812	239.7405 ng/ml
Oxymorphone	1.411	1277668	∞	47.1	∞	142999	259.1589 ng/ml
Phentermine	3.774	1790591	42160.57	4.2	1284.59	1004095	212.7244 ng/ml
Promethazine	5.541	7773769	2230.95	30.0	110135.88	1148516	254.2881 ng/ml
Pseudoephedrine	2.583	11165876	100779.39	14.9	1503.36	1575873	252.8486 ng/ml
Quetiapine	5.516	4578346	27125.91	59.0	2082.78	242488	256.9721 ng/ml
Sertraline	5.773	1370786	52898.05	94.2	1392.43	210032	251.7607 ng/ml
Temazepam	5.807	1853500	16715.85	31.4	1529.54	447937	247.4382 ng/ml
Tramadol	4.239	8006671	10769.21	3.5	267.88	1463159	266.3921 ng/ml
Trazodone	5.032	4569778	185778.25	69.6	86579.13	863481	206.1449 ng/ml
Venlafaxine	5.036	7236939	1632.27	33.0	31831.67	1538221	250.3621 ng/ml
Zolpidem	4.816	8674346	14881.45	28.1	3881.95	1649748	255.4217 ng/ml

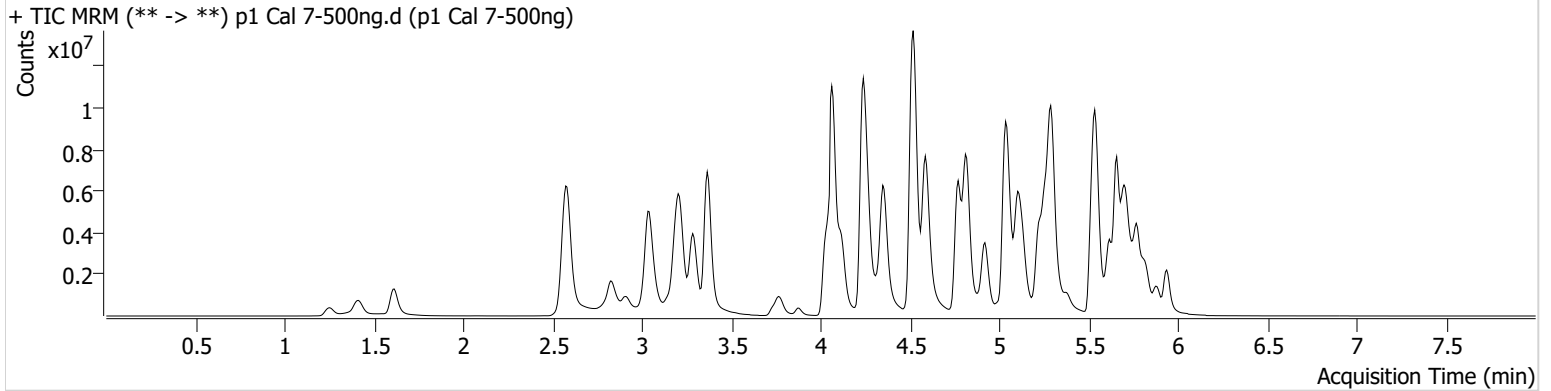


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 Cal 7-500ng.d
Type Cal Sample p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-B12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 2:33:54 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	150764	983.18	70.9	21303.72	61997	50.0630 ng/ml
7-aminoclonazepam	4.244	827972	24895.31	79.7	3759.34	116221	326.1990 ng/ml
a-hydroxyalprazolam	5.675	251135	111.97	62.0	88.92	244731	455.0167 ng/ml
alpha-PHP	4.921	2380516	3488.15	274.8	214162.60	594181	528.5606 ng/ml
alpha-PVP	4.357	8873189	2332.87	49.5	1057.70	594181	522.9904 ng/ml
Alprazolam	5.759	2829937	262.39	106.5	∞	112795	502.8360 ng/ml
Amphetamine	3.043	10911868	100650.59	46.6	18046.21	336391	328.8816 ng/ml
Benzoylecgonine	3.877	405763	27242.12	8.2	619.49	25956	508.6059 ng/ml
Buprenorphine	5.659	84525	83960.88	14.3	4255.92	56873	48.9401 ng/ml
Bupropion	4.771	10547363	1643.19	62.7	1594.57	614603	500.0488 ng/ml
Carisoprodol	5.721	1231790	212.00	56.8	347.12	100607	522.9784 ng/ml
Chlordiazepoxide	5.828	589419	3648.29	167.1	10653.99	218381	498.1095 ng/ml
Chlorpheniramine	5.104	14875599	165627.76	0.3	478.49	1282452	523.5906 ng/ml
Citalopram	5.225	6490699	18322.87	36.4	1373.09	431270	523.6691 ng/ml
Clonazepam	5.601	2027210	27336.32	34.6	8699.75	66524	418.5679 ng/ml
Clonazolam	5.558	1244489	1354.96	36.5	31681.79	66524	441.8388 ng/ml
Cocaine	4.257	5379123	35384.05	51.9	102381.47	807700	507.9342 ng/ml
Codeine	2.580	472850	118.69	99.5	8705.39	51864	405.5755 ng/ml
Cyclobenzaprine	5.625	5149611	60482.77	8.2	1262.86	343066	536.5242 ng/ml
Dextromethorphan	5.262	3182116	1221.89	77.6	661.26	253502	512.5039 ng/ml
Dextrorphan	4.118	2459600	1087.28	216.5	52313.01	543359	522.5949 ng/ml
Diazepam	5.938	2729029	∞	87.9	248.16	205046	488.1461 ng/ml
Dihydrocodeine	2.545	1839833	476.00	63.4	1100.41	323771	374.8500 ng/ml
Diphenhydramine	5.297	17536380	754.88	30.8	584.91	1562397	511.4401 ng/ml
DMT	2.845	403531	6684.35	104.5 High	4969.61	253502	508.9147 ng/ml
Doxylamine	4.518	21679271	23276.63	96.5	7877.91	1712202	506.3537 ng/ml
Duloxetine	5.644	325870	1870.35	13.0	542.33	31860	510.6570 ng/ml
EDDP	5.255	6492548	2388.46	39.8	26139.12	627835	528.4174 ng/ml
Etizolam	5.804	1703696	3380.65	26.7	4341.25	66524	591.2420 ng/ml
Fentanyl	5.074	632541	568.07	70.3	15285.91	534155	53.8873 ng/ml
Flualprazolam	5.695	474946	592.74	115.6	7615.92	112795	360.1539 ng/ml
Fluorofentanyl	5.135	2076897	92477.48	42.9	31165.77	5045	64.3518 ng/ml
Fluoxetine	5.711	4236305	62235.31	8.0	∞	255984	524.0912 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	2662700	1178.90	33.8	847.45	347828	468.2525 ng/ml
Hydromorphone	1.615	2619978	15489016.75	75.0	8371272.15	153262	501.3578 ng/ml
Hydroxyzine	5.687	4875761	24208.47	77.4	23049.12	253502	532.0142 ng/ml
Ketamine	4.030	7248667	156918.47	35.8	16575.39	529659	469.9201 ng/ml
Lamotrigine	4.274	307116	667.43	94.1	22646.06	1161685	439.1979 ng/ml
Lorazepam	5.737	616907	1178.63	54.9	3365.61	110914	460.8458 ng/ml
MDA	3.184	5254807	7389.15	20.8	7725.71	307782	352.5678 ng/ml
MDMA	3.285	6023012	64563.98	80.5	4077.16	133376	498.2632 ng/ml
Meprobamate	4.895	1162497	39678.19	24.7	∞	194371	336.2703 ng/ml
Methadone	5.656	11158535	13151.61	45.1	683.86	646732	521.3112 ng/ml
Methamphetamine	3.212	11031382	91237.08	37.7	23274.93	1269778	416.6005 ng/ml
Metoprolol	4.320	1099301	7903.10	107.7	3765.85	1299751	366.2622 ng/ml
Mirtazapine	4.586	13970949	72391.61	47.3	36082.37	594181	541.3470 ng/ml
Mitragynine	5.202	1651500	2383659.37	37.0	1003623.07	646732	528.6870 ng/ml
Morphine	1.253	455507	∞	25.6	∞	15546	491.1365 ng/ml
Norbuprenorphine	4.997	21201	547.93	84.7	5292.56	15470	49.1800 ng/ml
Nordiazepam	5.884	1735447	13816.60	60.1	5402.71	104348	489.7509 ng/ml
Norfentanyl	4.085	1140480	26629.43	38.3	11219.20	617969	58.0419 ng/ml
Norhydrocodone	3.067	304476	222.04	42.4	∞	58720	520.1845 ng/ml
Noroxycodone	2.911	1834093	4695.20	49.1	713.01	108563	493.7442 ng/ml
O-desmethyl-tramadol	3.366	16934931	436215.31	5.8	18148.27	1725617	523.9680 ng/ml
o-desmethylvenlafaxine	4.063	21176174	406013.39	16.0	13026.03	250645	537.6649 ng/ml
Olanzapine	4.339	2620798	6399.01	58.2	983.85	112632	508.0548 ng/ml
Oxazepam	5.740	804627	137.06	76.2	155.88	110914	468.5262 ng/ml
Oxycodone	2.822	4845801	3441.36	30.0	2382.08	457191	431.0670 ng/ml
Oxymorphone	1.412	2118804	∞	49.0	6223.06	127757	481.3388 ng/ml
Phentermine	3.767	2855936	906.58	4.1	242.95	936216	364.4375 ng/ml
Promethazine	5.541	14021663	5331.17	28.9	3264.57	972598	540.9862 ng/ml
Pseudoephedrine	2.583	17236051	245903.98	14.7	51504.55	1161685	528.6491 ng/ml
Quetiapine	5.510	7578813	108612.47	58.5	152713.08	220275	469.0119 ng/ml
Sertraline	5.773	2000352	727.12	93.0	1074.67	144950	532.0375 ng/ml
Temazepam	5.807	1964782	16868.23	29.6	9277.74	244731	480.3259 ng/ml
Tramadol	4.232	13164683	1044.50	3.5	65.17	1299751	493.4335 ng/ml
Trazodone	5.025	6478412	63838.84	75.6	120339.08	857129	294.9853 ng/ml
Venlafaxine	5.036	12146230	58663.99	32.5	547.92	1233093	523.5904 ng/ml
Zolpidem	4.816	15483407	615563.53	27.6	8055.34	1467547	512.5964 ng/ml

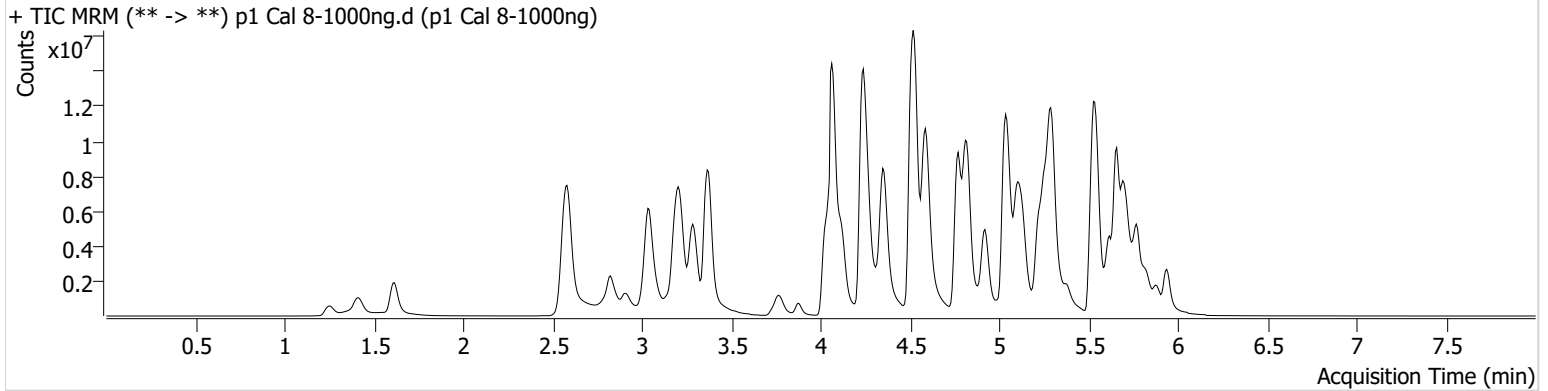


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\051223 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/18/2023 2:37:30 PM

Instrument Falco (069901) Data File p1 Cal 8-1000ng.d
Type Cal Sample p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-A12 Comment
Injection Volume 2
Acq. Date-Time 5/13/2023 2:44:31 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	263015	341.95	68.7	37925.17	52642	102.8642 ng/ml
7-aminoclonazepam	4.244	752524	4076.87	67.6	∞	71744	480.5997 ng/ml
a-hydroxyalprazolam	5.675	212051	24.98	70.9	19.58	112089	839.8050 ng/ml
alpha-PHP	4.921	3601317	2115.49	276.7	2653.64	429547	1105.4224 ng/ml
alpha-PVP	4.357	13055071	698495.47	50.0	133782.22	429547	1063.9085 ng/ml
Alprazolam	5.766	3650914	107.47	101.1	201.07	74456	982.2303 ng/ml
Amphetamine	3.043	13809672	143979.85	45.9	92205.46	299268	468.5021 ng/ml
Benzoylecgonine	3.877	799717	83191.95	8.1	6647.62	26015	1000.4512 ng/ml
Buprenorphine	5.659	95216	5702.45	13.4	26554.42	32190	97.4593 ng/ml
Bupropion	4.771	15983543	2935.21	63.0	2983.50	507648	917.5435 ng/ml
Carisoprodol	5.721	1248574	194.79	58.3	143.36	49606	1074.7941 ng/ml
Chlordiazepoxide	5.828	644828	4965.18	178.3	6518.24	125964	947.6510 ng/ml
Chlorpheniramine	5.104	21628077	30480.30	0.3	531.18	974343	1001.7607 ng/ml
Citalopram	5.225	8474934	160568.92	36.1	∞	278858	1057.0788 ng/ml
Clonazepam	5.601	2103221	1314.84	34.1	3300.38	38285	755.5241 ng/ml
Clonazolam	5.558	1320576	218997.61	37.1	861917.38	38285	815.7487 ng/ml
Cocaine	4.257	7297074	367416.70	51.3	45245.58	532485	1045.3651 ng/ml
Codeine	2.580	632496	357.49	101.4	7046.04	37936	742.9093 ng/ml
Cyclobenzaprine	5.618	6991057	1230.80	7.9	342.21	226130	1104.3318 ng/ml
Dextromethorphan	5.262	3848423	526.63	78.6	363.99	157406	998.2146 ng/ml
Dextrorphan	4.118	3684368	34879.48	217.8	237454.21	394129	1078.7924 ng/ml
Diazepam	5.938	3758091	175.10	87.6	165.10	140726	979.7282 ng/ml
Dihydrocodeine	2.545	2658562	379.72	63.8	416.02	295010	594.9679 ng/ml
Diphenhydramine	5.298	23105038	511.28	31.7	651.93	1035897	1015.8860 ng/ml
DMT	2.845	557531	5610.47	115.5 High	29625.82	157406	1130.6181 ng/ml
Doxylamine	4.518	30355848	28583.08	97.8	10292.18	1418153	856.0173 ng/ml
Duloxetine	5.644	273675	1977.94	13.4	2068.88	14005	975.4649 ng/ml
EDDP	5.255	10601123	818.58	40.9	2119.09	506525	1069.3373 ng/ml
Etizolam	5.804	2318206	2247.91	27.1	6543.57	38285	1396.8498 ng/ml
Fentanyl	5.074	971432	73473.24	68.1	912.00	400728	110.2222 ng/ml
Flualprazolam	5.702	540526	913.54	114.4	7728.22	74456	621.5174 ng/ml
Fluorofentanyl	5.135	3263183	46686.77	42.9	36218.62	3546	143.8221 ng/ml
Fluoxetine	5.711	4787408	746.69	7.8	30376.90	131337	1153.4161 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4209985	983.04	36.6	993.18	295007	873.9643 ng/ml
Hydromorphone	1.615	4177905	12967791.96	75.3	12070246.26	123723	990.3808 ng/ml
Hydroxyzine	5.687	6439210	250077.39	78.9	4246.51	157406	1130.7937 ng/ml
Ketamine	4.030	9953396	712441.60	36.6	∞	414107	825.9720 ng/ml
Lamotrigine	4.281	346173	8438.08	90.6	6951.71	767412	749.6779 ng/ml
Lorazepam	5.737	645616	14639.96	53.3	4876.89	51403	1042.4000 ng/ml
MDA	3.178	6212883	68253.90	20.7	6150.48	208202	617.2556 ng/ml
MDMA	3.285	8731932	157212.23	79.7	37730.96	100234	961.4365 ng/ml
Meprobamate	4.895	1372007	5304.05	24.8	267.40	145255	531.8249 ng/ml
Methadone	5.656	15292445	1805.10	47.0	1506.92	460696	1002.5013 ng/ml
Methamphetamine	3.212	15659014	3069.91	36.5	208086.58	1122387	669.9269 ng/ml
Metoprolol	4.313	1372744	5138.10	106.3	6824.52	1035127	574.5728 ng/ml
Mirtazapine	4.586	20937465	97719.48	48.3	15040.42	429547	1121.2090 ng/ml
Mitragynine	5.202	2274432	37105.04	36.7	893299.49	460696	1021.5576 ng/ml
Morphine	1.253	698718	∞	25.4	∞	12786	916.4209 ng/ml
Norbuprenorphine	4.990	36114	42566.11	84.8	4179.83	12596	103.1075 ng/ml
Nordiazepam	5.884	2067790	110716.83	61.1	831.21	65168	934.6762 ng/ml
Norfentanyl	4.085	1428744	29729.52	38.5	14120.99	309903	144.8558 ng/ml
Norhydrocodone	3.067	533049	243.94	41.8	114.63	45497	1172.9107 ng/ml
Noroxycodone	2.911	2493178	9419.57	48.5	5527.51	72524	1004.9916 ng/ml
O-desmethyl-tramadol	3.366	24556985	111694.22	6.1	37151.92	1314127	997.3341 ng/ml
o-desmethylvenlafaxine	4.063	29600102	796372.85	16.5	10318.15	172911	1088.5813 ng/ml
Olanzapine	4.332	4019927	35925.10	58.9	8167.16	88061	996.3990 ng/ml
Oxazepam	5.740	726569	135.50	74.6	151.67	51403	913.3968 ng/ml
Oxycodone	2.822	7283926	∞	30.0	∞	385318	769.4579 ng/ml
Oxymorphone	1.412	3424911	∞	46.7	∞	104161	954.6472 ng/ml
Phentermine	3.767	4140235	37741.58	4.0	467.00	825840	599.4324 ng/ml
Promethazine	5.541	19436426	3531.73	31.0	942175.50	702973	1037.0052 ng/ml
Pseudoephedrine	2.583	24047066	100877.57	14.6	98096.55	767412	1115.6523 ng/ml
Quetiapine	5.510	10134729	5651.33	57.9	15119.05	166174	832.0666 ng/ml
Sertraline	5.773	2018768	19281.79	94.5	60502.20	83104	936.3169 ng/ml
Temazepam	5.807	1835968	17483.40	30.3	1354.72	112089	980.2412 ng/ml
Tramadol	4.232	17166248	123.71	3.6	151.66	1035127	808.1744 ng/ml
Trazodone	5.025	7926210	23992.15	71.6	838.72	773680	400.3134 ng/ml
Venlafaxine	5.036	17823448	1799.72	32.1	32152.86	843330	1122.8012 ng/ml
Zolpidem	4.819	22349128	178215.20	29.0	123112.84	1150226	944.0761 ng/ml