

Worklist: 6430

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-2086	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2090	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2124	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2125	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1280	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1602	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1603	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1605	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1606	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1635	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1652	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1655	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1669	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1676	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1712	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1713	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1749	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1751	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1752	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1760	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1762	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6430

cg

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-1765	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-1779	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



~~P2023-4125-1~~ was also included in this run. cg

P2023-1425-1 cg 7/11/23

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

Extraction Date: 07/07/2023

Plate lot#: 230117

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

Blank Blood Lot: Lampire 23A52594

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: Chlordiazepoxide and DMT not evaluated due to ratios being out of range.

Curve Limits:

7-aminoclonazepam 5-500 (Cal 8 removed due to accuracy)

Amphetamine 5-100 (Cals 6, 7 and 8 removed due to accuracy)- Qualitative only

Buprenorphine ~~5-500~~ (Cals 1 and 2 removed due to accuracy) **2.5-100** 7/11/23 c9

Clonazepam 5-500 (Cal 8 removed due to accuracy)

Clonazepam 5-500 (Cal 8 removed due to accuracy)
Codeine 5-250 (Cals 7 and 8 removed due to accuracy)
Dihydrocodeine 5-250 (Cals 7 and 8 removed due to accuracy)
Duloxetine 10-1000 (Cal 1 removed due to ratio)
Fluoxetine 5-250 (Cals 7 and 8 removed due to accuracy)
Hydroxyzine 5-500 (Cal 8 removed due to accuracy)
Ketamine 5-500 (Cal 8 removed due to accuracy)
MDA 5-250 (Cals 7 and 8 removed due to accuracy)
Methamphetamine 5-500 (Cal 8 removed due to accuracy)
Metoprolol 5-500 (Cal 8 removed due to accuracy)
Mirtazapine 5-500 (Cal 8 removed due to QC 1000 accuracy)
Norfentanyl 0.5-25 (Cals 7 and 8 removed due to accuracy)
Norhydrocodone 5-500 (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)
Quetiapine 5-500 (Cal 8 removed due to accuracy)

AM #28 Multi-Drug Quant. Results



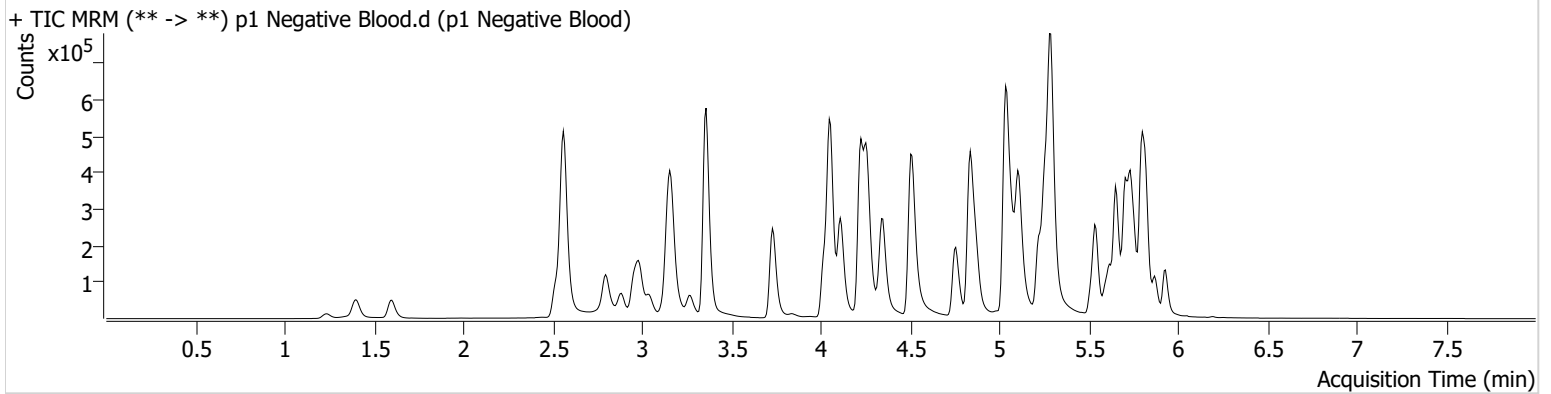
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Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F2
Injection Volume 2
Acq. Date-Time 7/8/2023 4:19:34 AM
Sample Info.

Data File p1 Negative Blood.d
Sample p1 Negative Blood
Operator Celena Shrum
Comment

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

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

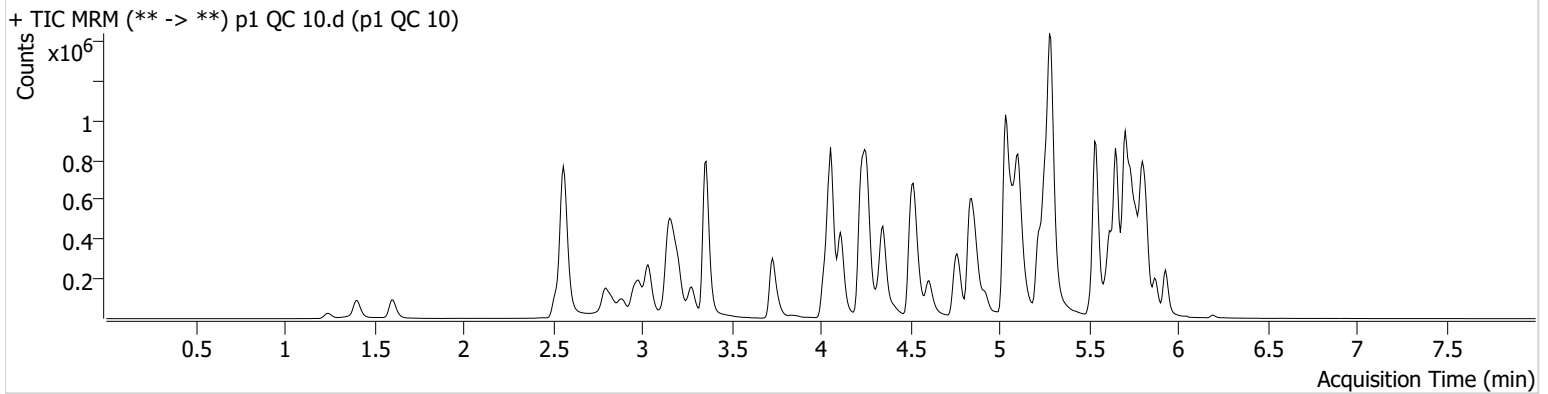
Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A2
Injection Volume 2
Acq. Date-Time 7/8/2023 3:15:48 AM
Sample Info.

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

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3364	356.15	72.1	409.36	85764	1.0072 ng/ml
7-aminoclonazepam	4.244	16725	36.70	80.1	83.94	70499	10.6093 ng/ml
a-hydroxyalprazolam	5.682	24611	142.14	74.6	390.68	1029136	9.6128 ng/ml
alpha-PHP	4.921	57589	389.71	270.5	2072.07	731050	10.3667 ng/ml
alpha-PVP	4.357	208144	4599.35	52.3	2309.85	731050	10.4229 ng/ml
Alprazolam	5.759	111126	570.90	108.0	692.20	251595	9.9472 ng/ml
Amphetamine	3.037	361052	3794.93	47.5	1065.05	401312	10.2789 ng/ml
Benzoylcegonine	3.871	5219	176.17	8.3	3359.29	18059	9.2724 ng/ml
Buprenorphine	5.721	5110	2400.62	14.1	580.75	138687	2.1323 ng/ml
Bupropion	4.778	223848	1314.71	64.6	127.52	654122	10.3566 ng/ml
Carisoprodol	5.714	107023	67331.61	52.6	171.99	465205	10.0888 ng/ml
Chlordiazepoxide	5.828	49632	2146.29	95.3	570.97	610450	11.4390 ng/ml
Chlorpheniramine	5.111	328300	1807.15	0.4	25.97	1434693	10.1215 ng/ml
Citalopram	5.218	200651	268.83	36.2	380.19	705602	10.2538 ng/ml
Clonazepam	5.601	114561	1931.23	34.7	364.05	149696	10.2969 ng/ml
Clonazolam	5.545	67732	61861.20	38.2	42989.58	149696	10.1853 ng/ml
Cocaine	4.257	152063	513.07	52.4	239.90	1196510	10.0168 ng/ml
Codeine	2.573	18401	1657.29	103.4	20507.64	72598	10.0746 ng/ml
Cyclobenzaprine	5.625	160613	10070.39	8.9	97.23	635229	10.3516 ng/ml
Dextromethorphan	5.262	105558	1986.87	79.6	3146.04	444801	9.7001 ng/ml
Dextrorphan	4.111	67082	912.48	208.4	4779.86	748326	9.8626 ng/ml
Diazepam	5.938	87029	230.00	91.0	402.87	302133	10.4937 ng/ml
Dihydrocodeine	2.552	49685	527.42	60.0	63.48	298223	10.3848 ng/ml
Diphenhydramine	5.290	558473	6633.85	30.9	294.77	2381604	9.8372 ng/ml
DMT	2.845	17833	450.34	100.0	483.01	444801	7.1548 ng/ml
Doxylamine	4.525	414809	2718.93	97.6	587.86	1693034	10.0725 ng/ml
Duloxetine	5.651	16169	375.27	14.8	3478.71	74376	10.6349 ng/ml
EDDP	5.255	190035	726.31	41.9	379.05	945443	9.5695 ng/ml
Etizolam	5.797	56197	5602.31	26.3	547.55	149696	10.1123 ng/ml
Fentanyl	5.088	17494	145.80	68.1	21931.22	829874	0.9594 ng/ml
Flualprazolam	5.695	34814	2948.11	112.2	5278.18	251595	8.9846 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	44354	714.25	43.9	3079.29	6987	0.9527 ng/ml
Fluoxetine	5.711	192481	14214.79	8.2	17060.99	677026	10.0349 ng/ml
Hydrocodone	3.013	75784	289.45	34.3	261.21	376466	10.4690 ng/ml
Hydromorphone	1.609	63630	5364.46	78.5	83713.30	184189	9.8536 ng/ml
Hydroxyzine	5.694	188151	1055.88	73.6	2051.83	444801	11.9624 ng/ml
Ketamine	4.036	162269	16156.33	37.0	335.92	499447	10.4743 ng/ml
Lamotrigine	4.267	12149	311.42	84.1	632.92	1689908	10.4394 ng/ml
Lorazepam	5.737	96140	606.24	52.9	213.42	670372	10.8054 ng/ml
MDA	3.184	254094	614.78	29.4	635.92	599302	10.3054 ng/ml
MDMA	3.278	131816	2030.62	90.7	478.41	156501	10.1094 ng/ml
Meprobamate	4.895	80915	3114.51	26.5	1654.41	351485	10.2330 ng/ml
Methadone	5.656	329295	242.17	49.1	1382.33	1125298	10.0171 ng/ml
Methamphetamine	3.212	290677	1302.01	37.6	471.63	1018936	10.1794 ng/ml
Metoprolol	4.320	37113	16713.23	96.0	2116.40	1377050	10.2680 ng/ml
Mirtazapine	4.607	286090	1107.73	48.2	986.72	731050	11.9146 ng/ml
Mitragynine	5.216	72232	89394.91	35.4	43525.67	1125298	11.2643 ng/ml
Morphine	1.247	11108	320.72	27.6	481.49	22467	9.9272 ng/ml
Norbuprenorphine	4.997	676	834.71	111.6	538.65	28826	0.9368 ng/ml
Nordiazepam	5.877	74528	2789.55	59.6	5217.95	213287	9.9443 ng/ml
Norfentanyl	4.078	32683	428.96	35.1	84.01	1208675	0.9861 ng/ml
Norhydrocodone	3.060	11612	370.43	37.9	63.10	125844	9.8167 ng/ml
Noroxycodone	2.904	66966	710.54	52.7	214.54	222477	9.8170 ng/ml
O-desmethyl-tramadol	3.359	305451	5299.83	6.4	226.26	1756090	10.0723 ng/ml
o-desmethylvenlafaxine	4.063	450505	∞	18.7	575.55	333801	9.8775 ng/ml
Olanzapine	4.407	44205	408.88	56.3	323.25	106192	9.4246 ng/ml
Oxazepam	5.740	121536	2992.36	74.6	131.19	670372	10.0139 ng/ml
Oxycodone	2.828	124223	730.13	31.2	522.59	479378	10.3651 ng/ml
Oxymorphone	1.405	66263	1389.98	49.2	300.96	210013	9.8779 ng/ml
Phentermine	3.767	76173	174.86	6.0	25.85	817677	10.1067 ng/ml
Promethazine	5.541	309625	756.50	29.8	193.52	1321524	9.5707 ng/ml
Pseudoephedrine	2.569	433152	1721.21	17.1	3514.56	1689908	9.8588 ng/ml
Quetiapine	5.530	208823	132473.55	56.7	139046.04	269811	10.1054 ng/ml
Sertraline	5.773	84009	166.22	96.0	∞	329039	9.9244 ng/ml
Temazepam	5.800	207693	4487.03	28.8	350.24	1029136	10.8222 ng/ml
Tramadol	4.239	301137	796.85	3.4	46.44	1377050	10.2934 ng/ml
Trazodone	5.086	264255	1462.40	63.1	16148.62	866551	9.8045 ng/ml
Venlafaxine	5.036	276941	5266.87	37.3	293.17	1548347	9.7903 ng/ml
Zolpidem	4.857	298202	1366.50	29.2	825.47	1415534	10.2909 ng/ml



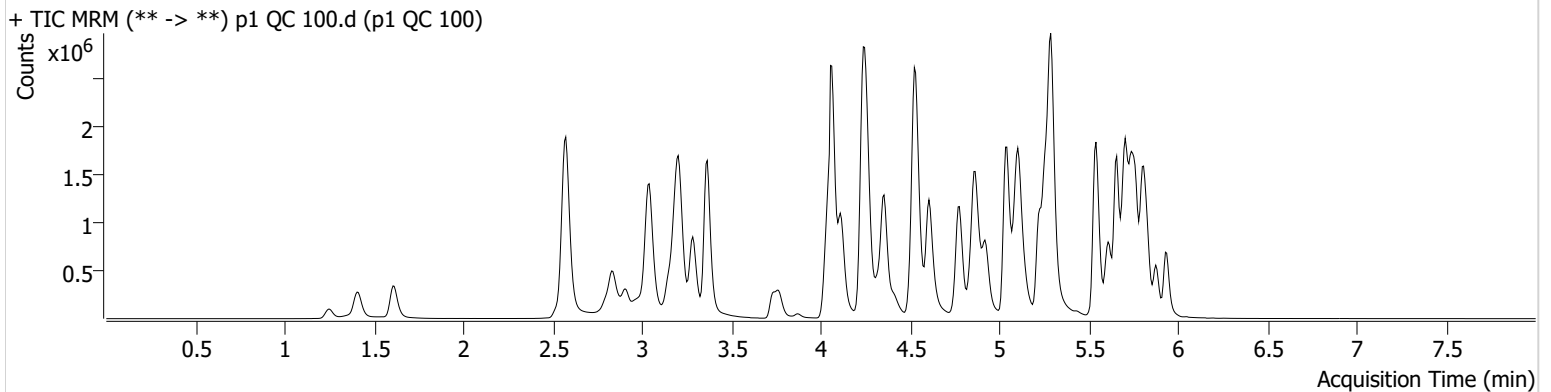
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 7/8/2023 1:11:09 PM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	30275	286.99	67.0	682.98	74126	10.2417 ng/ml
7-aminoclonazepam	4.251	141029	1259.79	79.0	1481.07	58714	114.8083 ng/ml
a-hydroxyalprazolam	5.682	188441	425.73	71.8	2003.26	735528	109.9679 ng/ml
alpha-PHP	4.928	453092	2680.69	260.1	3021.95	597973	100.4609 ng/ml
alpha-PVP	4.357	1707584	867.66	51.9	24678.18	597973	102.4838 ng/ml
Alprazolam	5.766	877237	1563.76	105.9	1755.80	186526	101.7852 ng/ml
Amphetamine	3.043	2631560	58819.25	46.1	3106.90	342266	93.6066 ng/ml
Benzoylcegonine	3.871	44010	3415.26	8.2	299.51	15025	98.0928 ng/ml
Buprenorphine	5.728	31935	298.16	15.8	5951.07	89505	8.9763 ng/ml
Bupropion	4.778	1764586	34204.41	65.3	500.97	517252	105.4125 ng/ml
Carisoprodol	5.714	779268	22698.66	55.0	2762.69	350561	92.9747 ng/ml
Chlordiazepoxide	5.828	345457	17498.39	92.3	4498.58	461928	111.7854 ng/ml
Chlorpheniramine	5.111	2277469	19497.94	0.3	134.38	954157	98.5796 ng/ml
Citalopram	5.225	1324314	936.17	36.2	390.29	475074	97.3682 ng/ml
Clonazepam	5.601	851384	2784.38	35.5	865.88	113015	108.4586 ng/ml
Clonazolam	5.545	507364	19638.28	38.0	260071.20	113015	109.9184 ng/ml
Cocaine	4.257	1183351	29792.23	53.8	325.12	941458	98.1057 ng/ml
Codeine	2.580	134947	1209.49	100.0	141.20	57151	100.4141 ng/ml
Cyclobenzaprine	5.625	495347	1425963.78	8.8	453.21	202692	95.7734 ng/ml
Dextromethorphan	5.269	613518	7895.26	80.2	76429.66	247032	101.7181 ng/ml
Dextrorphan	4.118	541617	1124.58	211.9	2350.87	583743	97.8423 ng/ml
Diazepam	5.938	649746	16131.88	88.9	5948.59	220191	108.1173 ng/ml
Dihydrocodeine	2.552	391049	10477.63	62.5	7403.77	255575	100.9220 ng/ml
Diphenhydramine	5.290	3771397	67376.35	30.4	9636.16	1512551	101.1753 ng/ml
DMT	2.845	142540	856.44	105.2	1573.38	247032	105.8053 ng/ml
Doxylamine	4.531	3564576	50375.62	98.4	97755.97	1414666	101.8719 ng/ml
Duloxetine	5.651	25961	2443.60	14.2	1381.86	12940	99.0480 ng/ml
EDDP	5.262	1371125	50671.63	41.3	307.17	672175	94.2585 ng/ml
Etizolam	5.804	415829	13279.71	27.1	150836.16	113015	94.6521 ng/ml
Fentanyl	5.088	65467	195.23	73.9	36425.56	321729	9.9231 ng/ml
Flualprazolam	5.695	270921	5317.20	110.9	8404.83	186526	100.9011 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	151068	3032.36	41.2	3653.04	2372	8.7655 ng/ml
Fluoxetine	5.711	300101	321.42	8.3	48682.37	107033	92.2675 ng/ml
Hydrocodone	3.013	597578	287.92	35.4	302.69	324143	105.6352 ng/ml
Hydromorphone	1.615	556231	29309.71	74.4	636125.70	154691	102.0530 ng/ml
Hydroxyzine	5.694	860755	15148.62	75.8	9322.79	247032	92.0874 ng/ml
Ketamine	4.036	1323032	220031.95	37.0	2844.16	422167	106.1774 ng/ml
Lamotrigine	4.274	89930	3525.79	84.7	3287.30	1306436	104.8448 ng/ml
Lorazepam	5.737	533681	10111.85	56.8	787.19	430080	102.4568 ng/ml
MDA	3.191	1736806	5856.80	28.4	4314.79	458440	100.7980 ng/ml
MDMA	3.285	1087776	6122.33	90.1	4417.48	128626	102.3332 ng/ml
Meprobamate	4.895	567683	580.86	27.0	2602.20	263178	99.5248 ng/ml
Methadone	5.656	1925064	1982.06	49.4	1199.40	656673	96.8956 ng/ml
Methamphetamine	3.212	2278182	50231.27	36.7	41199.73	885711	105.8905 ng/ml
Metoprolol	4.320	312761	1304.22	94.8	102649.95	1172006	106.8498 ng/ml
Mirtazapine	4.607	2076988	78843.36	48.1	18901.60	597973	101.2977 ng/ml
Mitragynine	5.216	366828	292.08	36.6	1487.20	656673	97.6152 ng/ml
Morphine	1.253	92655	991.72	26.4	960.88	18268	106.0062 ng/ml
Norbuprenorphine	4.990	4491	4933.03	102.8	12080.29	20100	9.6296 ng/ml
Nordiazepam	5.877	548432	1546.14	58.8	55616.73	152548	105.6368 ng/ml
Norfentanyl	4.078	265603	13443.03	34.8	2145.65	904689	10.1542 ng/ml
Norhydrocodone	3.067	80259	637.61	42.1	160.48	81889	94.8410 ng/ml
Noroxycodone	2.911	530463	6970.47	52.4	1411.36	176342	99.5212 ng/ml
O-desmethyl-tramadol	3.366	2620864	3798.52	6.3	8548.88	1464544	100.1324 ng/ml
o-desmethylvenlafaxine	4.063	3826318	126408.41	18.0	6688.35	266232	98.8600 ng/ml
Olanzapine	4.414	247424	1731.66	56.1	2008.67	53606	97.8684 ng/ml
Oxazepam	5.740	796210	596.90	69.9	7889.41	430080	103.9546 ng/ml
Oxycodone	2.828	1010680	5442.50	31.4	4053.38	401806	107.6600 ng/ml
Oxymorphone	1.411	544332	∞	48.7	516.16	174325	100.1645 ng/ml
Phentermine	3.767	604702	1141.56	5.5	133.65	693374	102.0967 ng/ml
Promethazine	5.541	995029	37141.15	30.1	557.60	420820	92.2191 ng/ml
Pseudoephedrine	2.576	3443347	1336.77	16.8	12682.93	1306436	96.1528 ng/ml
Quetiapine	5.530	1403187	2291.29	58.8	730307.66	187997	107.1230 ng/ml
Sertraline	5.773	95590	288.50	94.9	450.59	36949	96.9283 ng/ml
Temazepam	5.807	1440443	600.55	27.9	467.14	735528	107.9978 ng/ml
Tramadol	4.239	2537512	181.17	3.7	221.82	1172006	104.6256 ng/ml
Trazodone	5.086	1235553	1552.48	65.3	1096.66	392821	100.7825 ng/ml
Venlafaxine	5.036	2333622	157593.92	36.7	16383.32	1271891	96.2079 ng/ml
Zolpidem	4.864	2478186	21750.17	28.4	7573.96	1201100	103.7788 ng/ml



AM #28 Multi-Drug Quant. Results

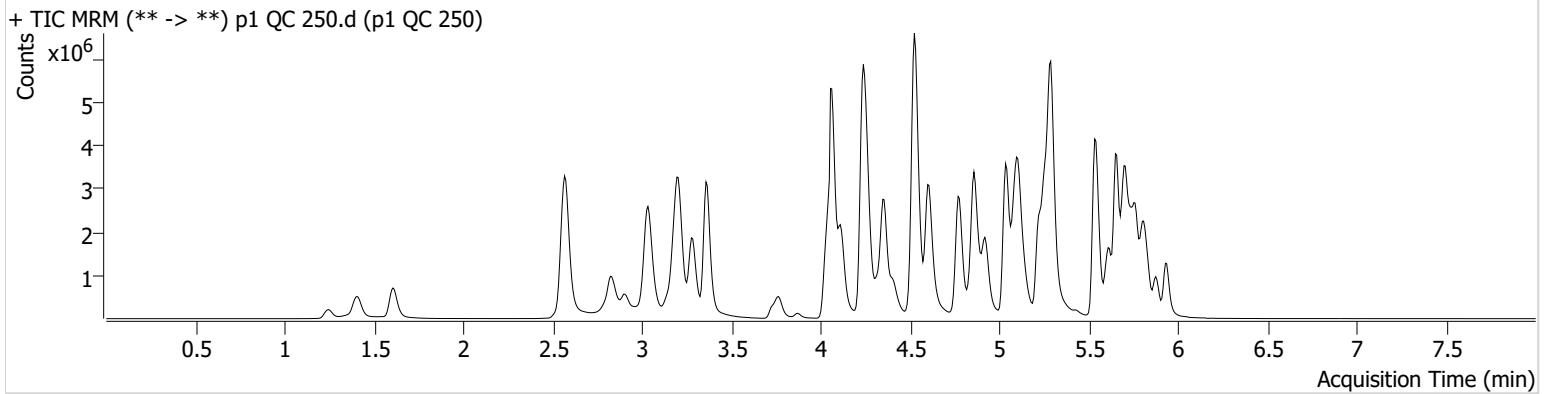
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Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C2
Injection Volume 2
Acq. Date-Time 7/8/2023 3:37:02 AM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
Operator Celena Shrum
Comment

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	77361	1889.66	69.7	70860.95	77640	24.9483 ng/ml
7-aminoclonazepam	4.244	302185	886.16	74.1	1204.66	56634	256.0234 ng/ml
a-hydroxyalprazolam	5.682	277167	1462.26	72.8	1114.98	501964	237.8366 ng/ml
alpha-PHP	4.921	1139448	4373.73	264.7	3313.77	581755	259.8225 ng/ml
alpha-PVP	4.357	4234589	19305.26	52.5	30685.44	581755	260.8795 ng/ml
Alprazolam	5.759	1897816	1249.64	103.3	1573.46	157114	260.7524 ng/ml
Amphetamine	3.037	5175746	83913.43	45.8	4241.99	343615	184.1155 ng/ml
Benzoylcegonine	3.871	117817	3225.10	8.5	∞	16365	241.7531 ng/ml
Buprenorphine	5.721	79549	1968.69	14.5	25328.76	84393	21.5070 ng/ml
Bupropion	4.771	4651127	1814.52	63.5	1123.30	532427	270.3067 ng/ml
Carisoprodol	5.714	1320128	663.18	54.5	357.64	216946	253.6057 ng/ml
Chlordiazepoxide	5.828	606322	11477.38	110.9	7797.78	360108	252.6746 ng/ml
Chlorpheniramine	5.111	6063616	24298.70	0.3	526.37	992812	251.0865 ng/ml
Citalopram	5.225	3158295	56295.89	37.6	77050.54	440543	249.8478 ng/ml
Clonazepam	5.601	1625231	40055.49	36.6	809.36	95884	245.0318 ng/ml
Clonazolam	5.552	924844	3918.90	39.6	520287.19	95884	237.3001 ng/ml
Cocaine	4.257	2750298	938.56	53.8	28172.22	862095	248.8375 ng/ml
Codeine	2.573	260141	128.75	98.6	25843.50	50830	218.5648 ng/ml
Cyclobenzaprine	5.625	1482463	2815.61	8.8	336.06	234455	247.0135 ng/ml
Dextromethorphan	5.262	1431912	1078.18	78.7	571.71	233518	251.1740 ng/ml
Dextrorphan	4.118	1294063	1141.73	213.9	2462.77	553407	245.8955 ng/ml
Diazepam	5.938	1373897	270.33	91.8	532.34	198806	253.2977 ng/ml
Dihydrocodeine	2.545	867562	18303.56	63.1	1108.51	263596	217.8683 ng/ml
Diphenhydramine	5.290	9237579	95092.22	30.0	3754.91	1424916	262.4892 ng/ml
DMT	2.845	314361	4936.04	121.5	4921.92	233518	247.1315 ng/ml
Doxylamine	4.525	9476549	22898.19	98.6	26876.26	1444018	265.0283 ng/ml
Duloxetine	5.644	66665	957.31	15.0	278.80	13411	245.5737 ng/ml
EDDP	5.255	3438836	38160.65	41.3	20877.62	661039	239.9028 ng/ml
Etizolam	5.797	923250	1915.01	26.5	4574.02	95884	246.8785 ng/ml
Fentanyl	5.088	183474	3145.74	70.5	12082.16	355929	25.2549 ng/ml
Flualprazolam	5.695	502816	7330.16	111.2	11320.94	157114	223.1597 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	458528	18594.08	41.3	3036.18	2587	24.2339 ng/ml
Fluoxetine	5.711	702948	815.05	8.5	285.85	96465	238.5928 ng/ml
Hydrocodone	3.006	1375007	861.26	36.2	2144.26	319545	248.1568 ng/ml
Hydromorphone	1.609	1335620	8749.73	74.1	27034641.59	150035	252.5746 ng/ml
Hydroxyzine	5.694	2280593	2236.54	76.9	127615.67	233518	256.5013 ng/ml
Ketamine	4.036	3000318	75069.52	36.7	∞	415057	245.6868 ng/ml
Lamotrigine	4.274	186558	732.36	83.8	29457.51	1100149	259.1139 ng/ml
Lorazepam	5.737	683637	1594.02	55.9	1789.72	250170	227.0388 ng/ml
MDA	3.184	3038458	5108.89	27.3	4051.18	389238	208.8572 ng/ml
MDMA	3.285	2587460	157539.01	91.2	17371.88	124275	252.0727 ng/ml
Meprobamate	4.895	1101410	4158.49	25.8	9106.85	212539	239.7142 ng/ml
Methadone	5.656	5163250	2039.89	48.0	74195.10	666057	255.5940 ng/ml
Methamphetamine	3.205	5380522	3490.29	36.8	50237.11	918583	243.3867 ng/ml
Metoprolol	4.320	690218	17215.89	95.6	4143.92	1108361	250.1190 ng/ml
Mirtazapine	4.607	5564884	169011.75	46.4	23166.07	581755	277.9825 ng/ml
Mitragynine	5.216	958007	3262797.30	35.7	14111.32	666057	251.2556 ng/ml
Morphine	1.247	221316	408.89	26.8	1409.03	18568	249.7159 ng/ml
Norbuprenorphine	4.990	12232	13307.46	98.4	1241.95	21686	24.4338 ng/ml
Nordiazepam	5.877	1118639	1700.75	59.7	779.93	125888	261.6239 ng/ml
Norfentanyl	4.078	565804	40695.84	34.8	7459.06	684139	28.5026 ng/ml
Norhydrocodone	3.060	186256	597.25	41.8	188.64	69788	256.5738 ng/ml
Noroxycodone	2.904	1027345	15056.86	54.1	2766.49	141588	240.2741 ng/ml
O-desmethyl-tramadol	3.366	6490587	∞	6.1	6811.67	1421752	254.8586 ng/ml
o-desmethylvenlafaxine	4.063	8988609	228366.31	17.9	7072.90	239794	256.7874 ng/ml
Olanzapine	4.407	1134115	2069.36	56.8	7300.28	95148	251.6993 ng/ml
Oxazepam	5.740	1112495	318.38	70.0	6113.13	250170	249.9644 ng/ml
Oxycodone	2.822	2322755	3194.77	31.2	2292.10	409607	243.7286 ng/ml
Oxymorphone	1.405	1237216	∞	49.5	∞	155933	254.9343 ng/ml
Phentermine	3.767	1314048	3644.95	5.4	375.80	696733	221.8316 ng/ml
Promethazine	5.541	3022377	1466.34	29.5	920.93	493992	237.8589 ng/ml
Pseudoephedrine	2.576	7549354	133407.50	16.1	59989.38	1100149	249.4360 ng/ml
Quetiapine	5.530	3418552	3607.25	59.0	74202.48	204169	241.6996 ng/ml
Sertraline	5.773	229050	466.72	93.1	2037.76	36931	231.8120 ng/ml
Temazepam	5.807	2178196	38232.37	30.2	5923.58	501964	239.7164 ng/ml
Tramadol	4.239	5792601	10781.62	3.5	∞	1108361	252.9840 ng/ml
Trazodone	5.080	3185922	1764.43	68.0	1374.73	399296	255.6003 ng/ml
Venlafaxine	5.036	5953900	∞	35.2	16905.42	1225326	254.0374 ng/ml
Zolpidem	4.857	6345384	237500.35	28.3	168954.41	1258592	254.0776 ng/ml



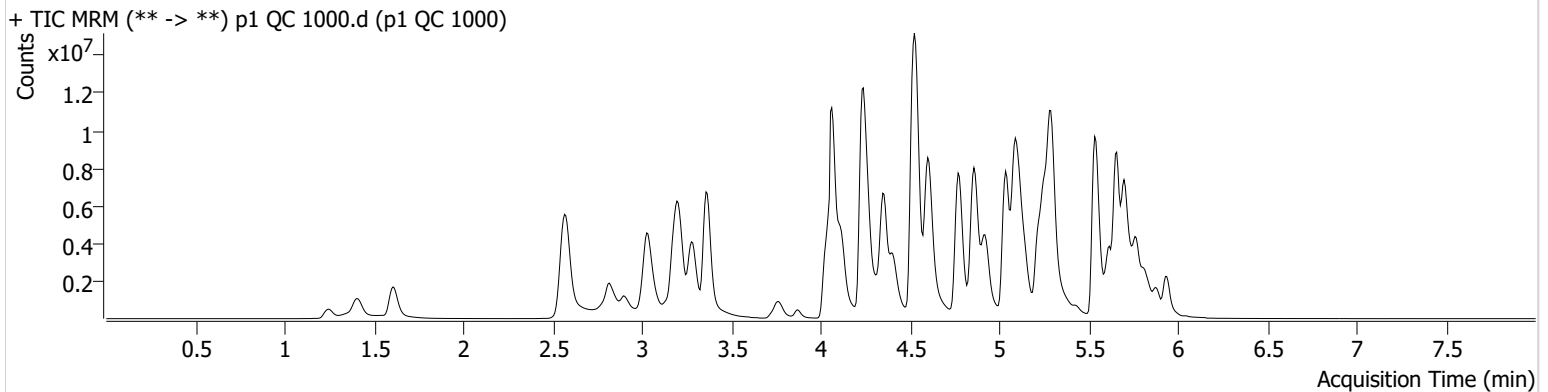
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) Data File p1 QC 1000.d
Type QC Sample p1 QC 1000
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-D2 Comment
Injection Volume 2
Acq. Date-Time 7/8/2023 3:58:19 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	273278	2444.44	69.6	467.71	66877	102.2324 ng/ml
7-aminoclonazepam	4.244	408800	80.72	83.9	404.50	33120	593.3155 ng/ml
a-hydroxyalprazolam	5.675	271734	211.80	72.3	131.44	126629	926.3859 ng/ml
alpha-PHP	4.921	3145122	26070.72	271.6	3237.45	395688	1054.6700 ng/ml
alpha-PVP	4.357	12061653	393149.64	50.7	904.25	395688	1091.7788 ng/ml
Alprazolam	5.766	3637352	228.47	97.6	1076.39	78552	998.3688 ng/ml
Amphetamine	3.037	9583991	107596.13	45.9	65501.17	289579	405.4605 ng/ml
Benzoylcegonine	3.871	477645	248796.94	8.4	13768.87	16915	949.5490 ng/ml
Buprenorphine	5.721	205914	74962.97	15.2	30096.00	43854	101.7827 ng/ml
Bupropion	4.771	14423313	955.46	61.7	2824.69	444471	1004.7634 ng/ml
Carisoprodol	5.721	1527977	166.48	56.1	182.41	55537	1144.8051 ng/ml
Chlordiazepoxide	5.835	931170	6266.09	128.9 High	4736.85	165891	844.2300 ng/ml
Chlorpheniramine	5.112	18931066	351438.16	0.3	4083.19	750934	1034.0911 ng/ml
Citalopram	5.218	6340977	413250.61	36.2	966510.81	211161	1045.3946 ng/ml
Clonazepam	5.601	2294730	33010.07	35.8	529.77	45364	732.8648 ng/ml
Clonazolam	5.558	1209846	555764.01	40.2	723270.61	45364	657.8977 ng/ml
Cocaine	4.257	6770914	4354.24	53.1	3328.90	510698	1033.7861 ng/ml
Codeine	2.580	535120	65.07	96.7	172.70	32252	710.3378 ng/ml
Cyclobenzaprine	5.618	5348631	84401.82	8.1	754.95	187016	1115.5354 ng/ml
Dextromethorphan	5.262	3048495	261.91	78.2	302.59	124916	999.7097 ng/ml
Dextrorphan	4.118	3536146	579107.20	217.7	23066.66	353164	1051.4297 ng/ml
Diazepam	5.938	2915349	1093.50	90.9	14786.51	111927	954.8776 ng/ml
Dihydrocodeine	2.538	2177592	249.49	62.5	20440.01	251377	574.5414 ng/ml
Diphenhydramine	5.290	21609186	407.78	31.4	337.13	825952	1058.2375 ng/ml
DMT	2.838	862696	2015.08	137.3 High	19843.24	124916	1268.7008 ng/ml
Doxylamine	4.525	27095211	486637.03	97.8	370291.94	1238070	883.3848 ng/ml
Duloxetine	5.644	145431	629.51	15.2	1335.73	7860	914.3506 ng/ml
EDDP	5.255	10210654	326204.85	39.6	77000.09	469310	1002.3379 ng/ml
Etizolam	5.804	2055871	57335.49	26.8	10662.86	45364	1160.1038 ng/ml
Fentanyl	5.081	549018	2033.22	76.3	25454.33	291199	92.5736 ng/ml
Flualprazolam	5.695	619640	15656.02	117.1	13852.52	78552	551.0706 ng/ml



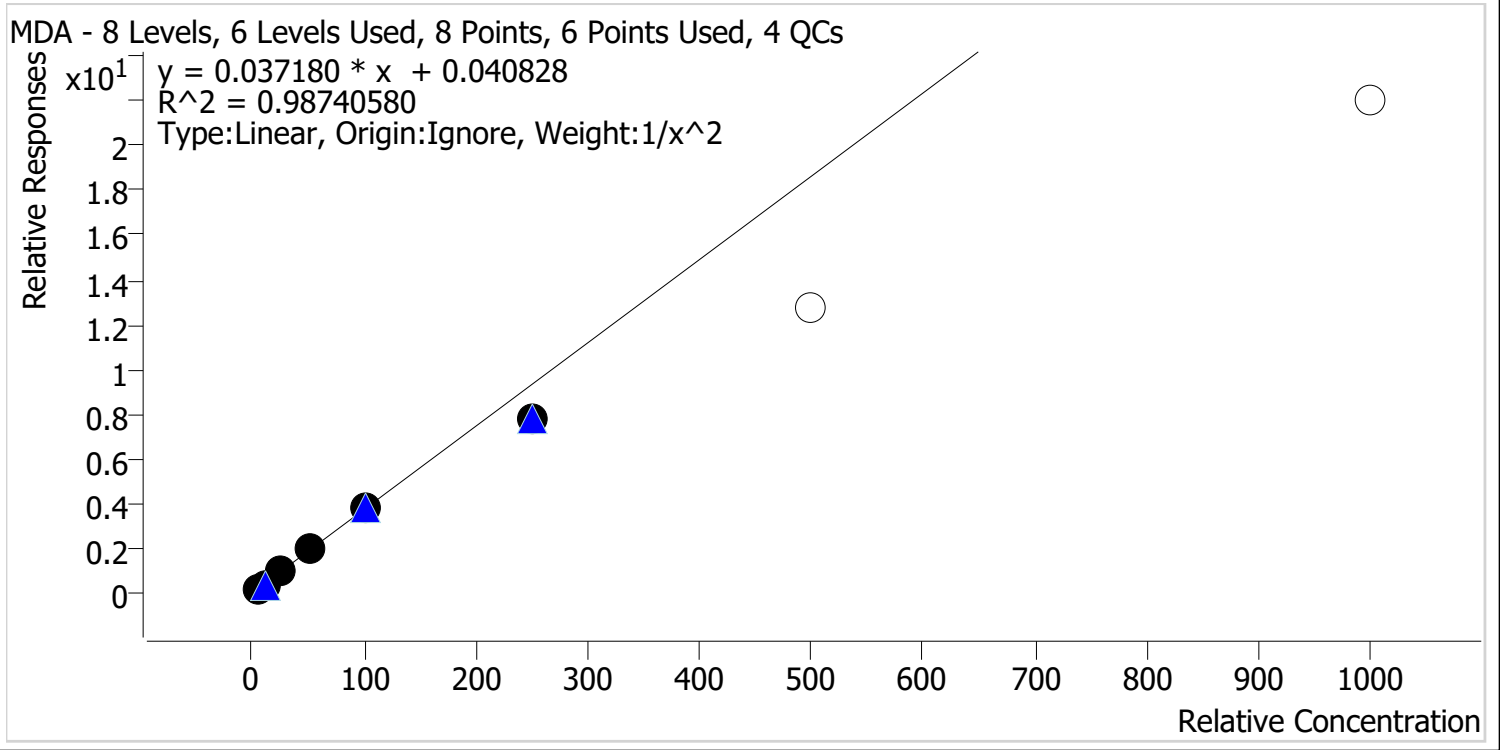
AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	2151024	27497.94	40.7	9403.42	2484	118.0754 ng/ml
Fluoxetine	5.711	1895996	412.31	8.5	78745.69	55645	1112.8396 ng/ml
Hydrocodone	3.006	3854005	669.32	37.6	∞	260928	854.7214 ng/ml
Hydromorphone	1.609	3827757	7059829.52	75.2	18385412.09	107242	1012.5335 ng/ml
Hydroxyzine	5.694	6629878	257113.08	77.2	61500.51	124916	1390.0041 ng/ml
Ketamine	4.030	7013410	485848.65	35.9	11606.46	316366	754.6924 ng/ml
Lamotrigine	4.281	309239	13539.75	85.4	4255.42	556259	850.7665 ng/ml
Lorazepam	5.737	662393	20870.26	53.5	1233.94	56486	978.1369 ng/ml
MDA	3.171	5043926	26819.18	26.3	17763.54	231537	584.8213 ng/ml
MDMA	3.278	6316676	188524.49	92.0	98439.25	83122	920.2927 ng/ml
Meprobamate	4.895	1704276	63320.34	26.0	1318.50	78770	1002.2212 ng/ml
Methadone	5.656	14261711	1243.14	49.9	2994.50	451229	1040.9318 ng/ml
Methamphetamine	3.205	13378717	107722.01	35.0	104180.47	890186	627.2449 ng/ml
Metoprolol	4.320	1378711	1519041.09	97.1	1484474.67	831522	666.9178 ng/ml
Mirtazapine	4.600	17191251	456702.86	45.1	94557.28	395688	1260.5706 ng/ml
Mitragynine	5.216	2644015	1222.76	36.6	718879.62	451229	1023.4242 ng/ml
Morphine	1.247	603312	∞	27.3	∞	13806	916.7576 ng/ml
Norbuprenorphine	4.990	46727	34350.84	101.3	8119.85	21870	92.7855 ng/ml
Nordiazepam	5.884	1903321	36376.85	61.1	537.65	61700	909.1138 ng/ml
Norfentanyl	4.078	1124849	52064.59	35.5	25405.25	223964	172.8089 ng/ml
Norhydrocodone	3.060	623920	151.47	41.2	144.38	47393	1261.7374 ng/ml
Noroxycodone	2.904	2157942	744.93	52.4	679.27	71685	997.3387 ng/ml
O-desmethyl-tramadol	3.359	18668605	251399.74	6.1	19744.26	992701	1048.6883 ng/ml
o-desmethylvenlafaxine	4.063	21966149	801858.68	18.0	149938.88	136132	1103.2191 ng/ml
Olanzapine	4.400	5209120	38790.08	56.8	8075.12	105165	1043.8888 ng/ml
Oxazepam	5.740	942617	98.99	70.4	90.54	56486	938.5226 ng/ml
Oxycodone	2.808	5634580	∞	31.2	4552.25	339580	714.7255 ng/ml
Oxymorphone	1.405	3459332	∞	48.4	∞	116052	958.5144 ng/ml
Phentermine	3.767	3006909	∞	5.5	624.99	626665	565.7506 ng/ml
Promethazine	5.541	11455915	159717.51	27.9	109047.17	428067	1038.7990 ng/ml
Pseudoephedrine	2.576	17066373	120001.14	15.6	50083.89	556259	1113.2789 ng/ml
Quetiapine	5.523	7913636	575303.24	59.4	45360.93	180498	634.6993 ng/ml
Sertraline	5.773	654074	37795.53	94.8	16898.87	26282	928.9897 ng/ml
Temazepam	5.807	2120077	1483.53	28.7	226.02	126629	925.8684 ng/ml
Tramadol	4.232	13878250	∞	3.9	6888.41	831522	808.5769 ng/ml
Trazodone	5.080	8691791	860.29	70.2	200535.46	246572	1129.1149 ng/ml
Venlafaxine	5.036	15813335	34919.18	34.3	151901.06	759586	1086.9167 ng/ml
Zolpidem	4.857	18487834	264364.97	27.4	346350.11	1065818	874.9998 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5

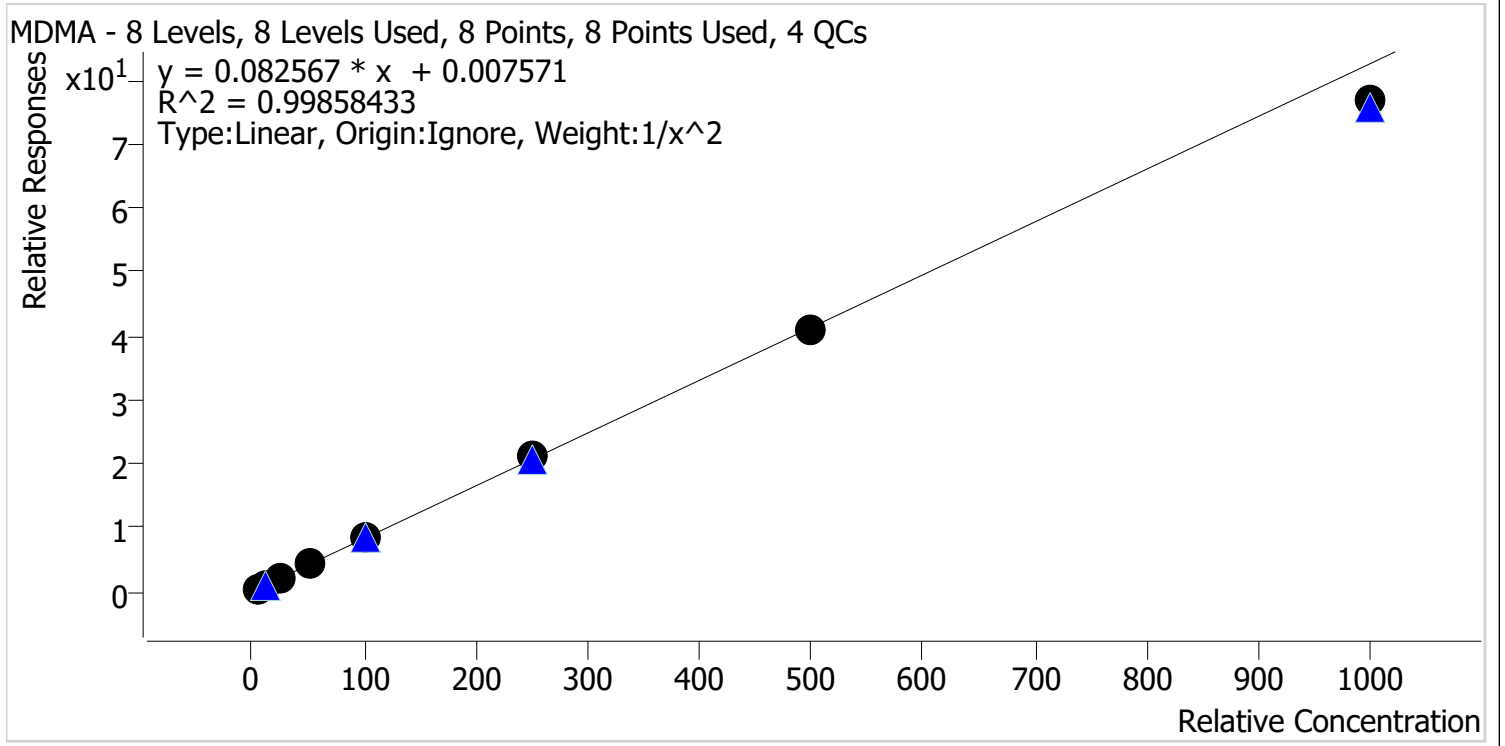


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p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	207.8	83.1
p1 Cal 7-500ng	7	✗	500.0	343.5	68.7
p1 Cal 8-1000ng	8	✗	1000.0	590.8	59.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



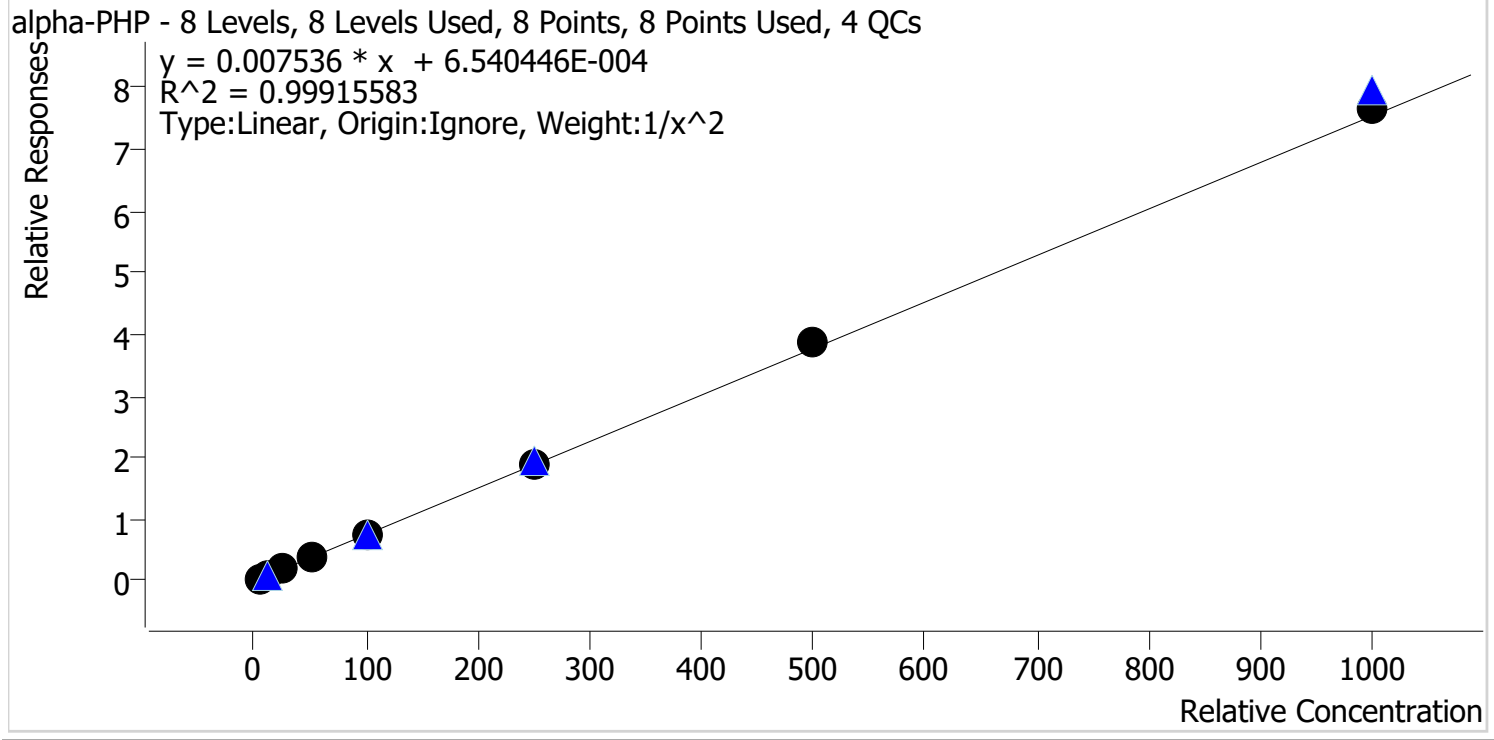
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	930.0	93.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

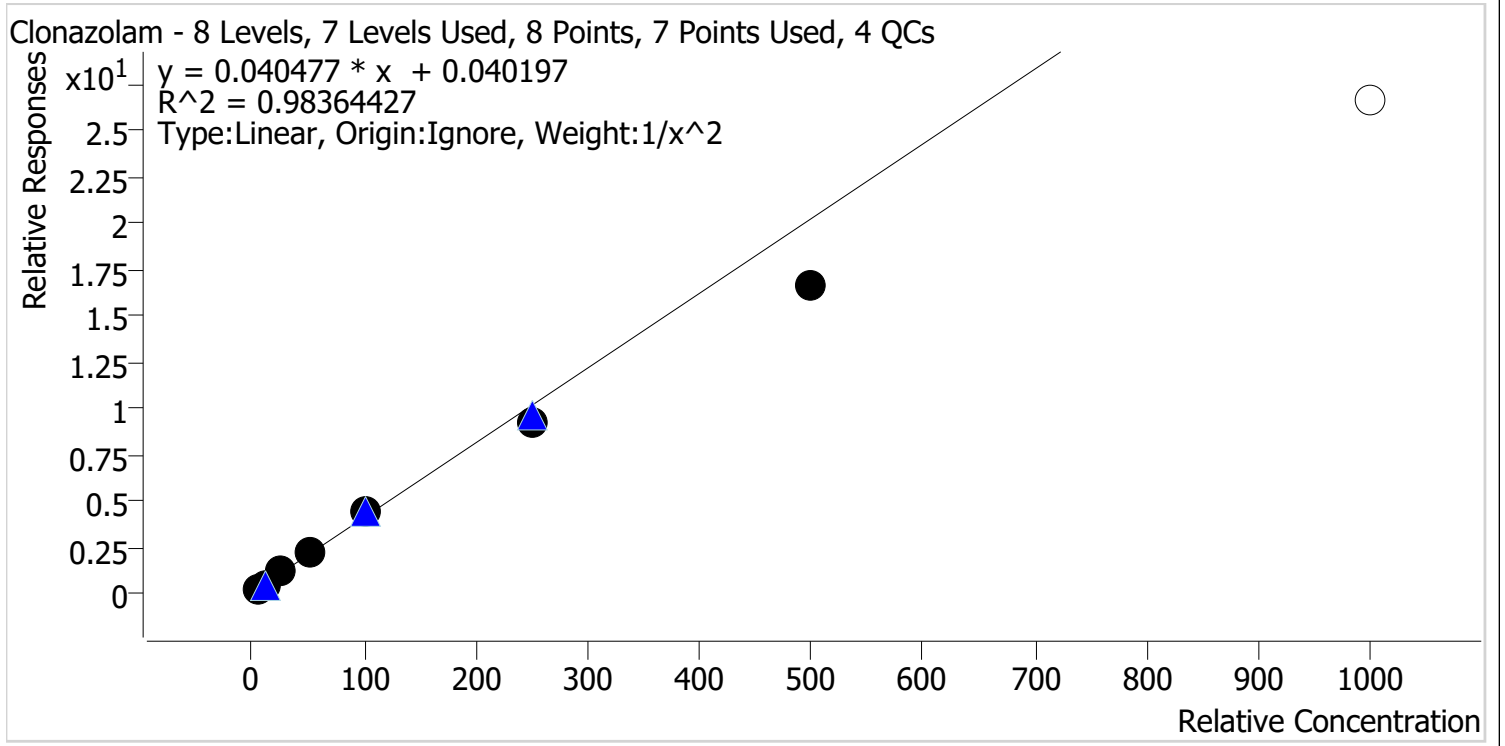


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	511.6	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1018.7	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

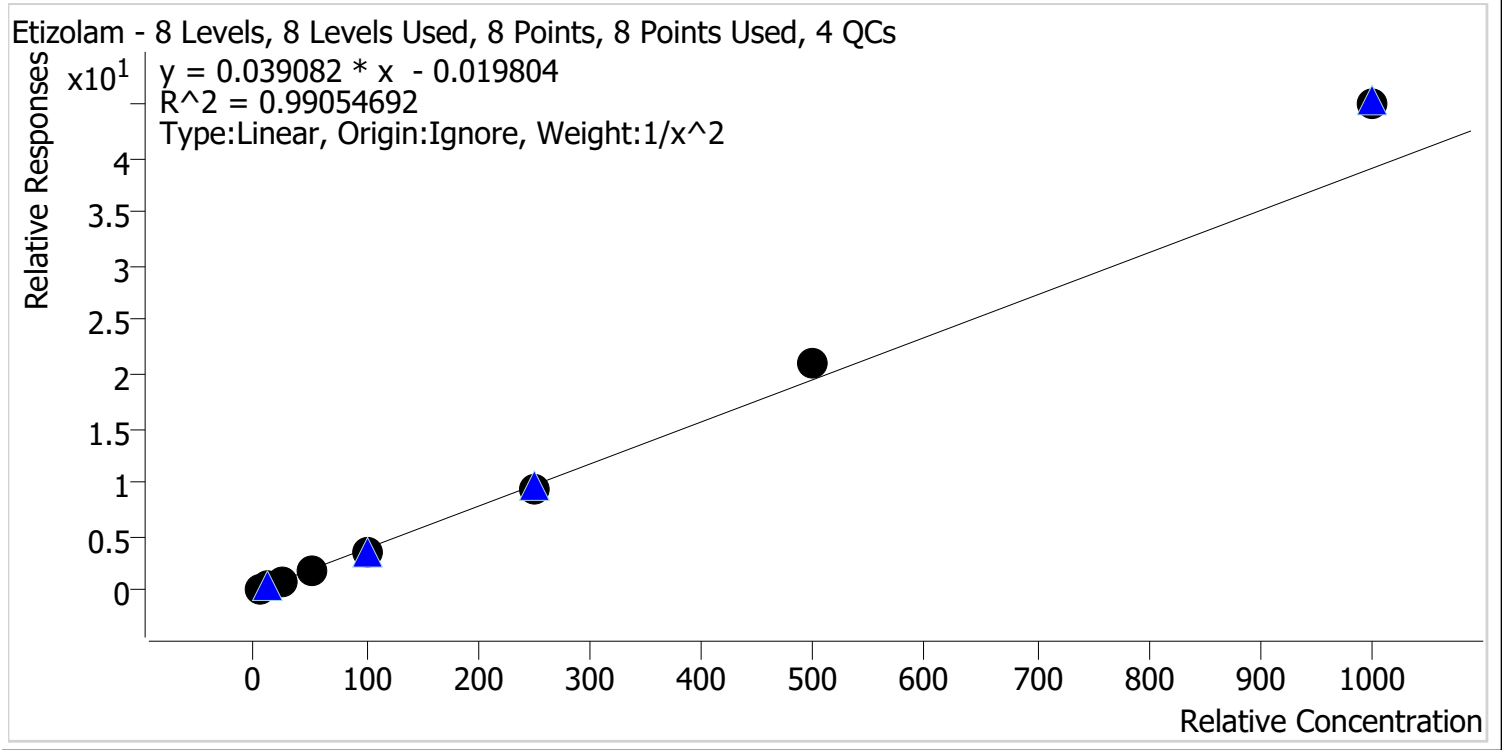


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.8
p1 Cal 2-10ng	2	✓	10.0	11.0	110.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	109.3	109.3
p1 Cal 6-250ng	6	✓	250.0	229.2	91.7
p1 Cal 7-500ng	7	✓	500.0	412.1	82.4
p1 Cal 8-1000ng	8	x	1000.0	657.0	65.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



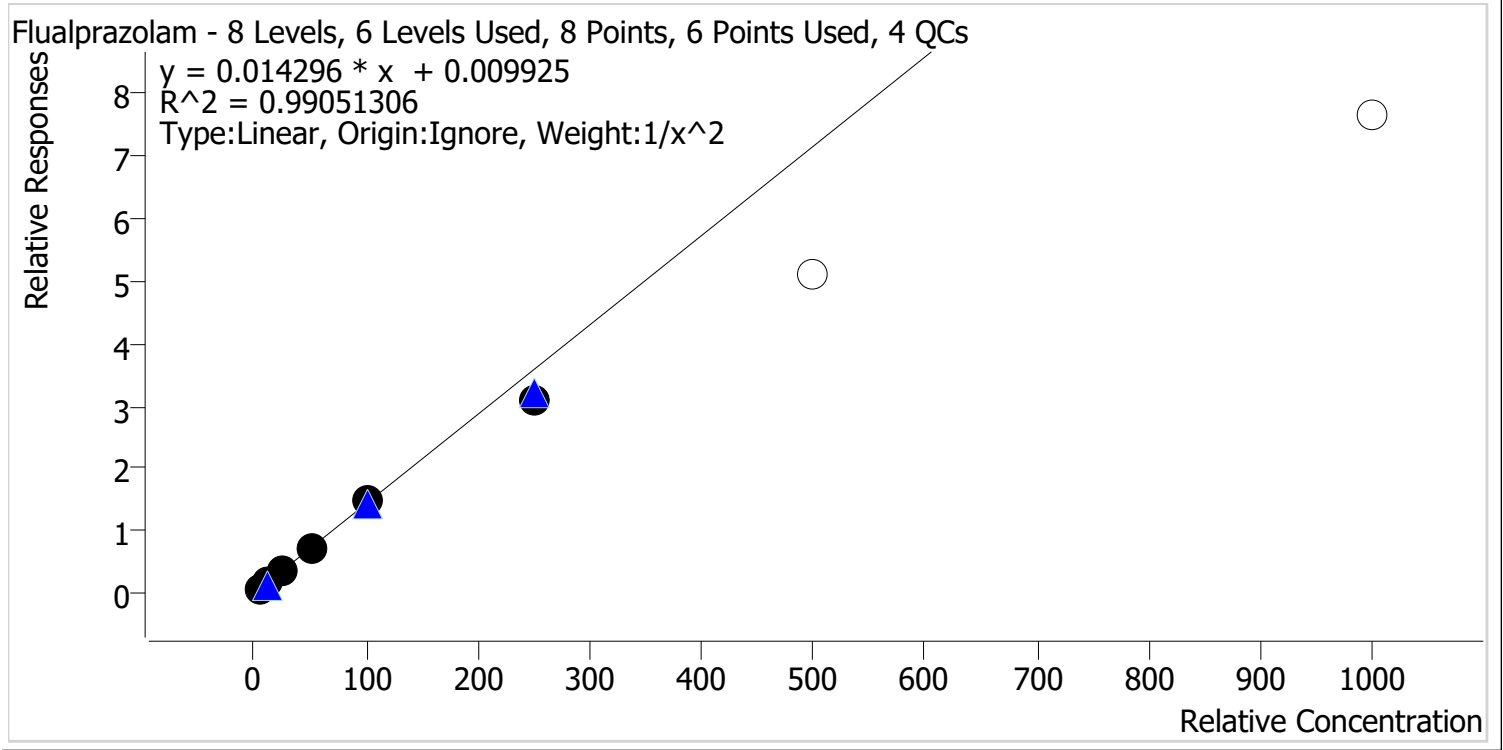
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	45.8	91.5
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
p1 Cal 7-500ng	7	✓	500.0	541.4	108.3
p1 Cal 8-1000ng	8	✓	1000.0	1155.0	115.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



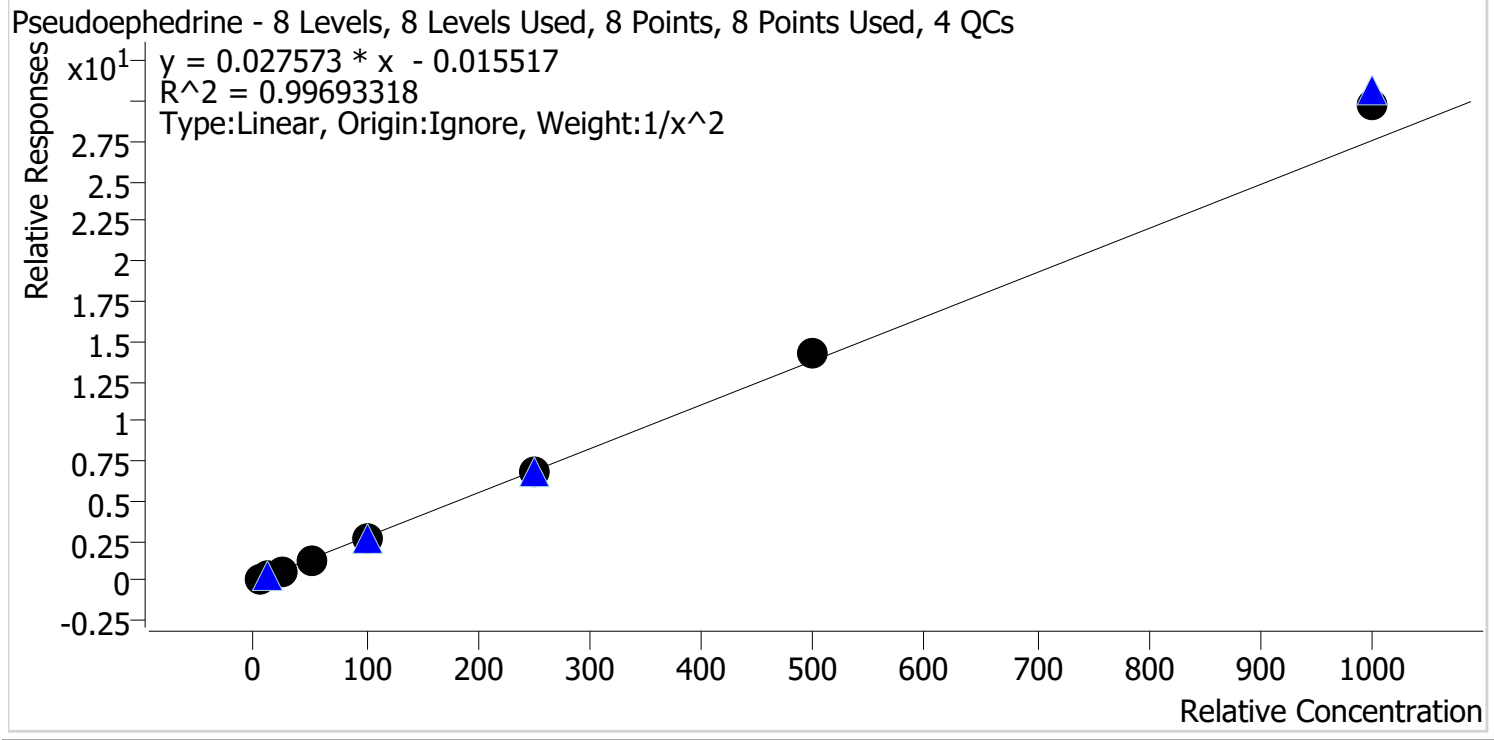
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.8	107.9
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	215.4	86.2
p1 Cal 7-500ng	7	x	500.0	355.0	71.0
p1 Cal 8-1000ng	8	x	1000.0	534.4	53.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

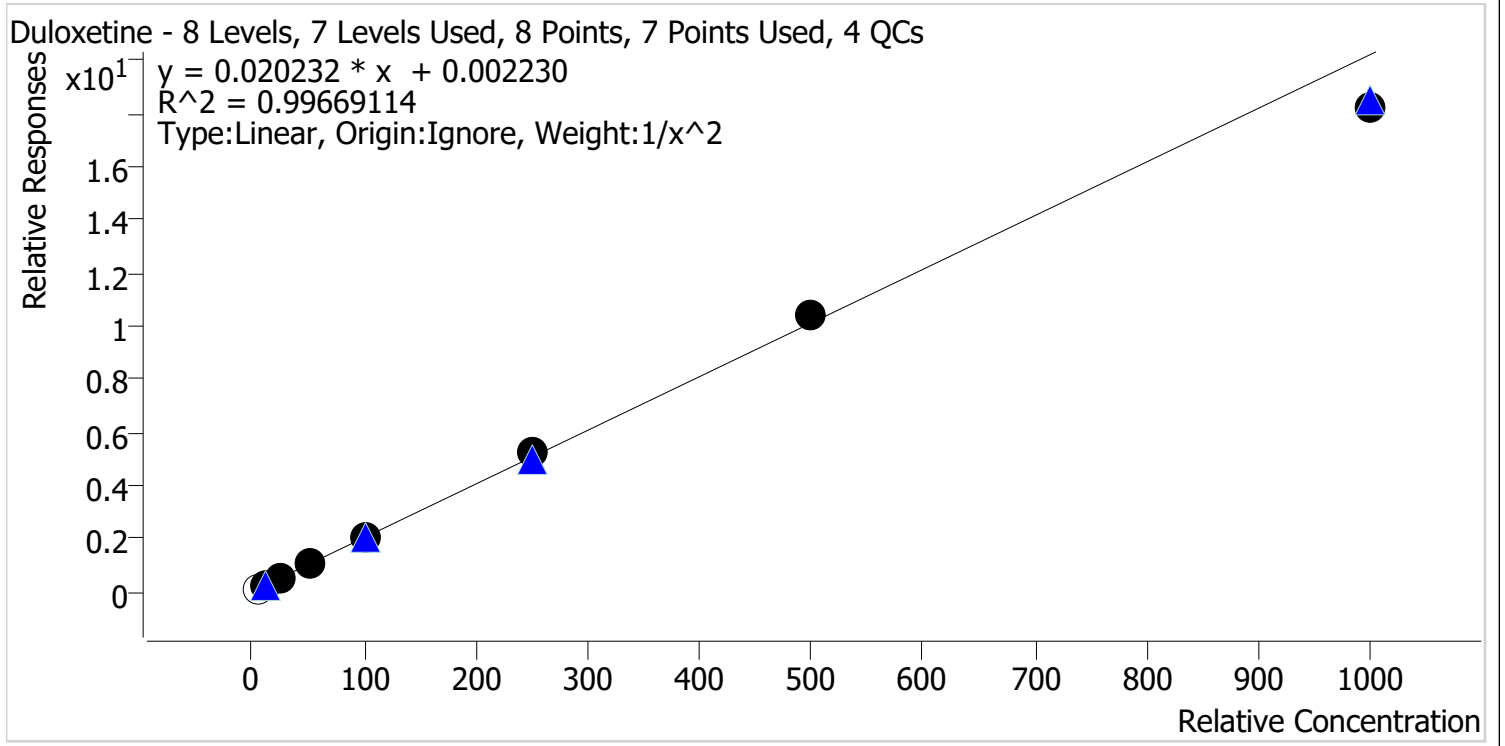


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	46.9	93.9
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1081.1	108.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

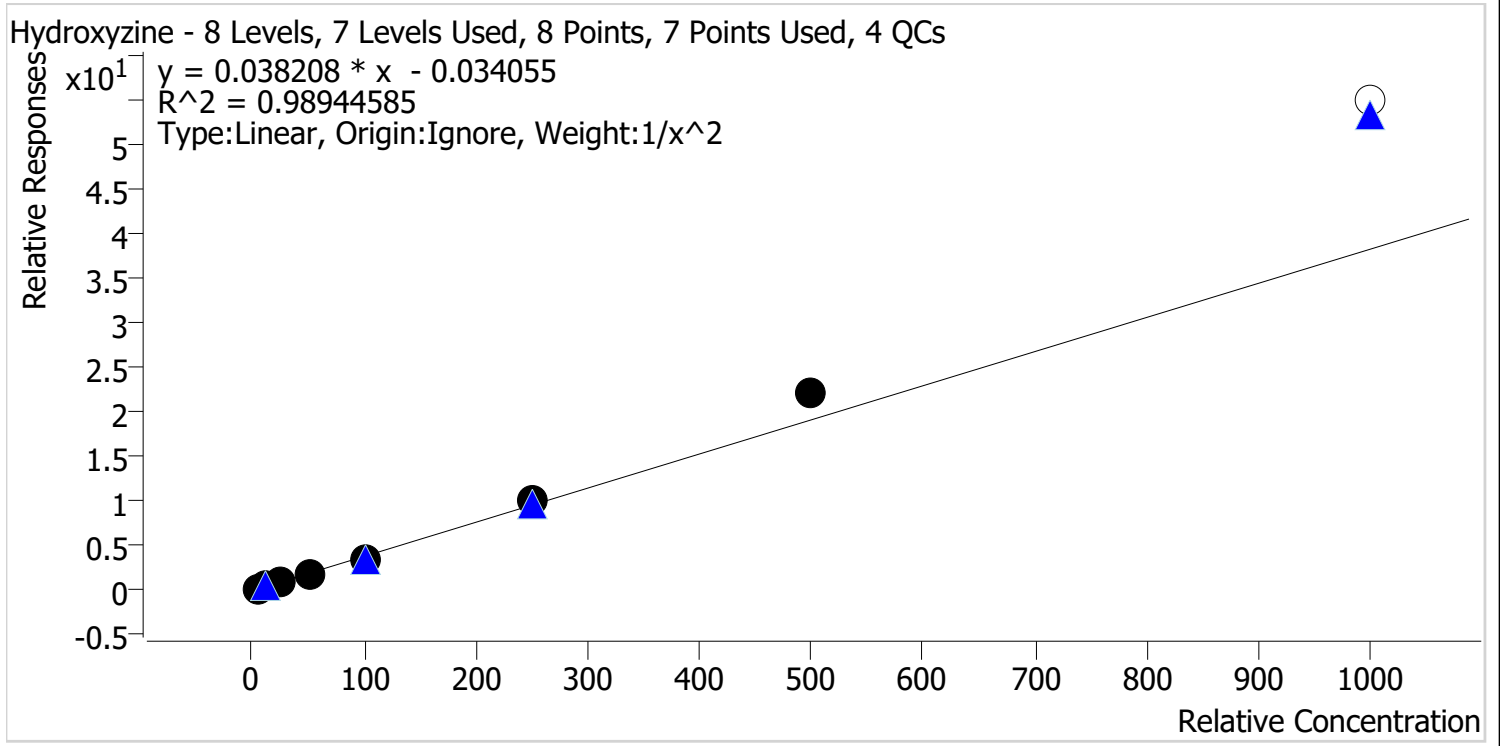


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	904.4	90.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



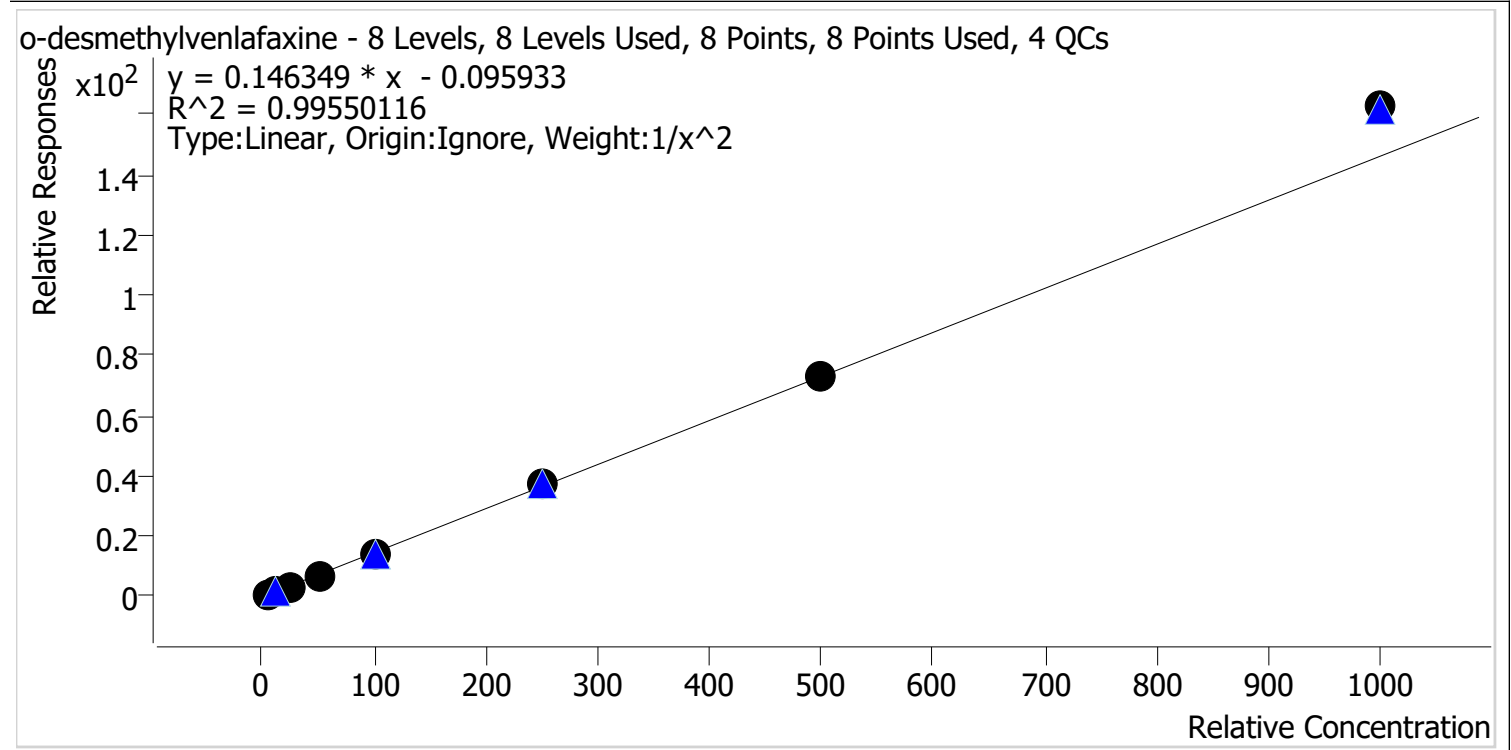
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.5
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.1
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	264.8	105.9
p1 Cal 7-500ng	7	✓	500.0	575.2	115.0
p1 Cal 8-1000ng	8	✗	1000.0	1435.4	143.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



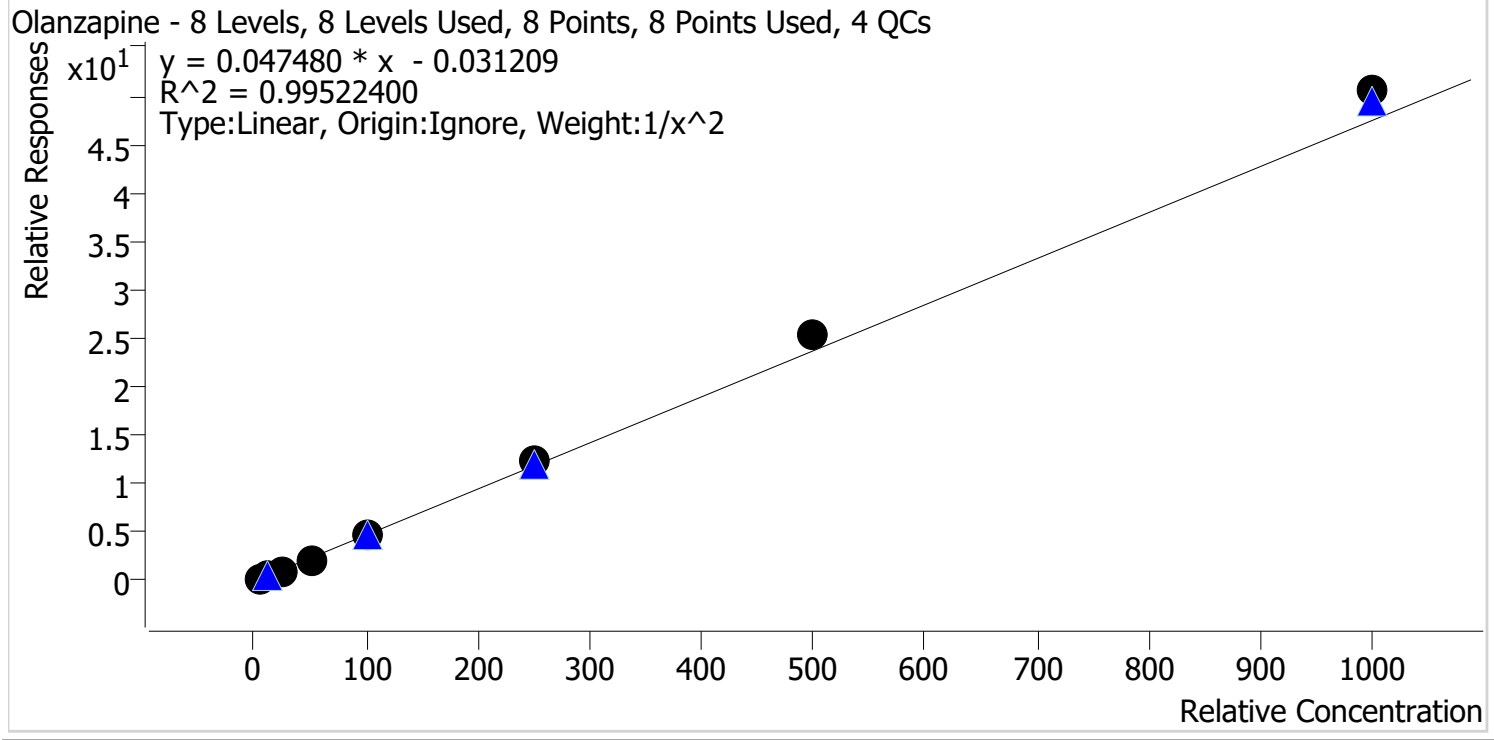
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	47.0	93.9
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	500.9	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1113.4	111.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8



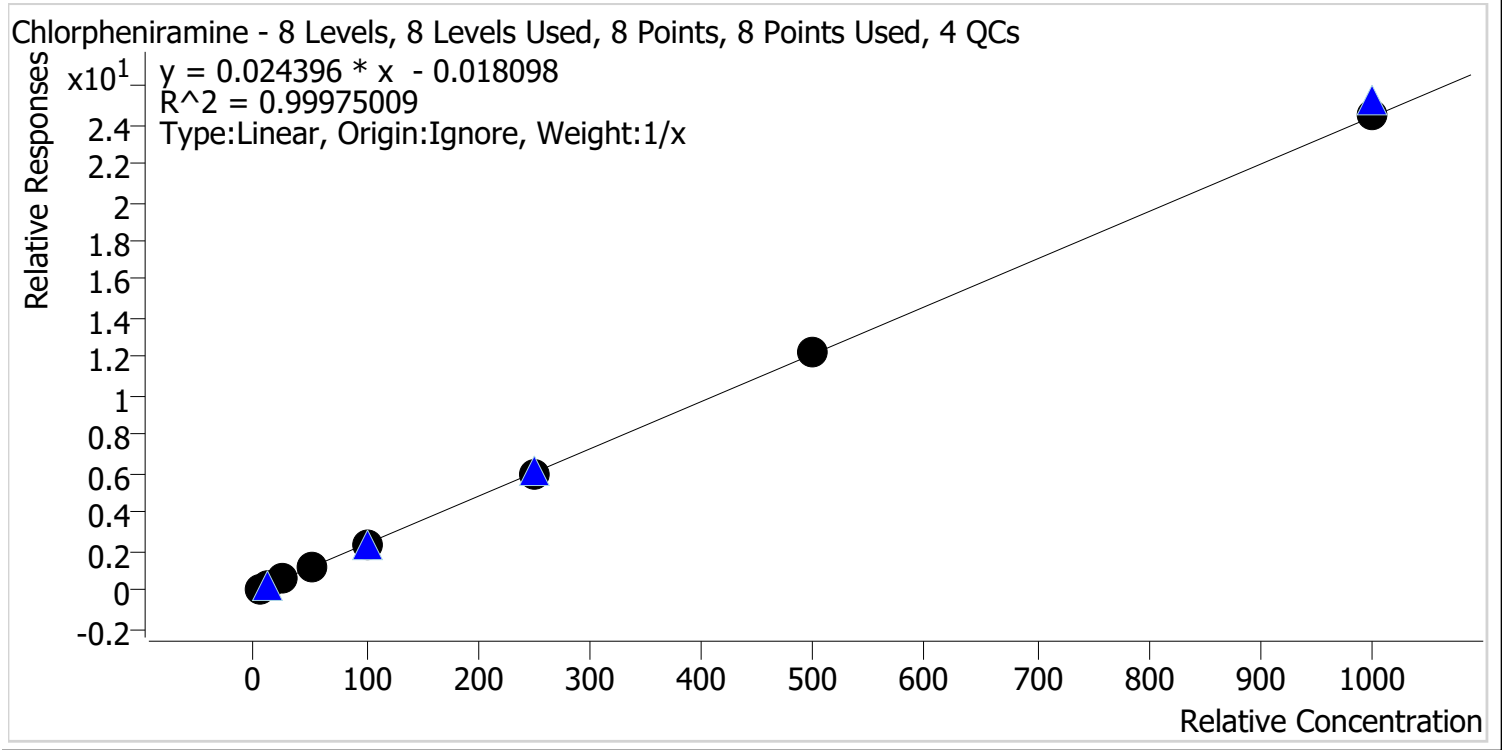
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	46.0	91.9
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	537.0	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1064.9	106.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datator
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6



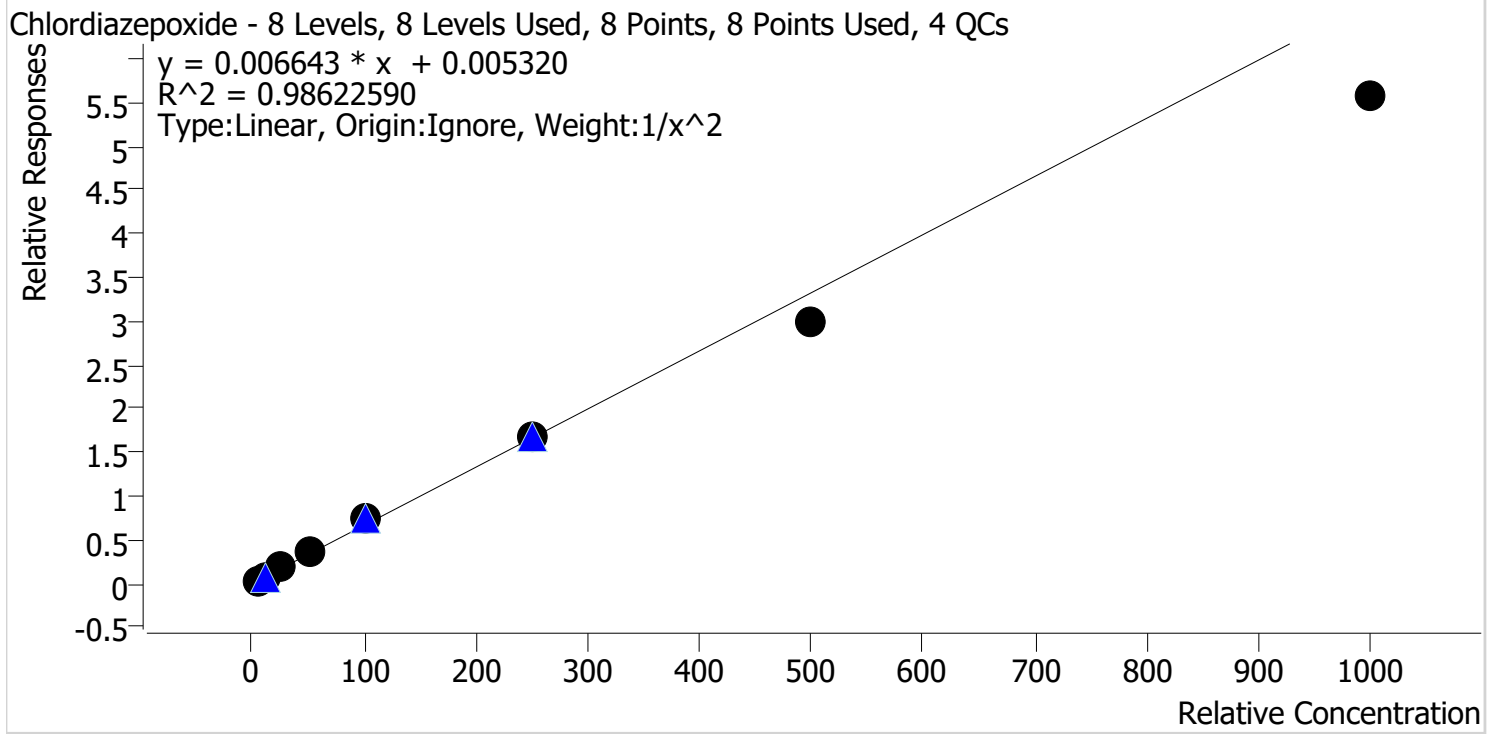
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.8
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	503.4	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1005.8	100.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



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	28.1	112.3
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	109.2	109.2
p1 Cal 6-250ng	6	✓	250.0	251.8	100.7
p1 Cal 7-500ng	7	✓	500.0	446.9	89.4
p1 Cal 8-1000ng	8	✓	1000.0	835.9	83.6

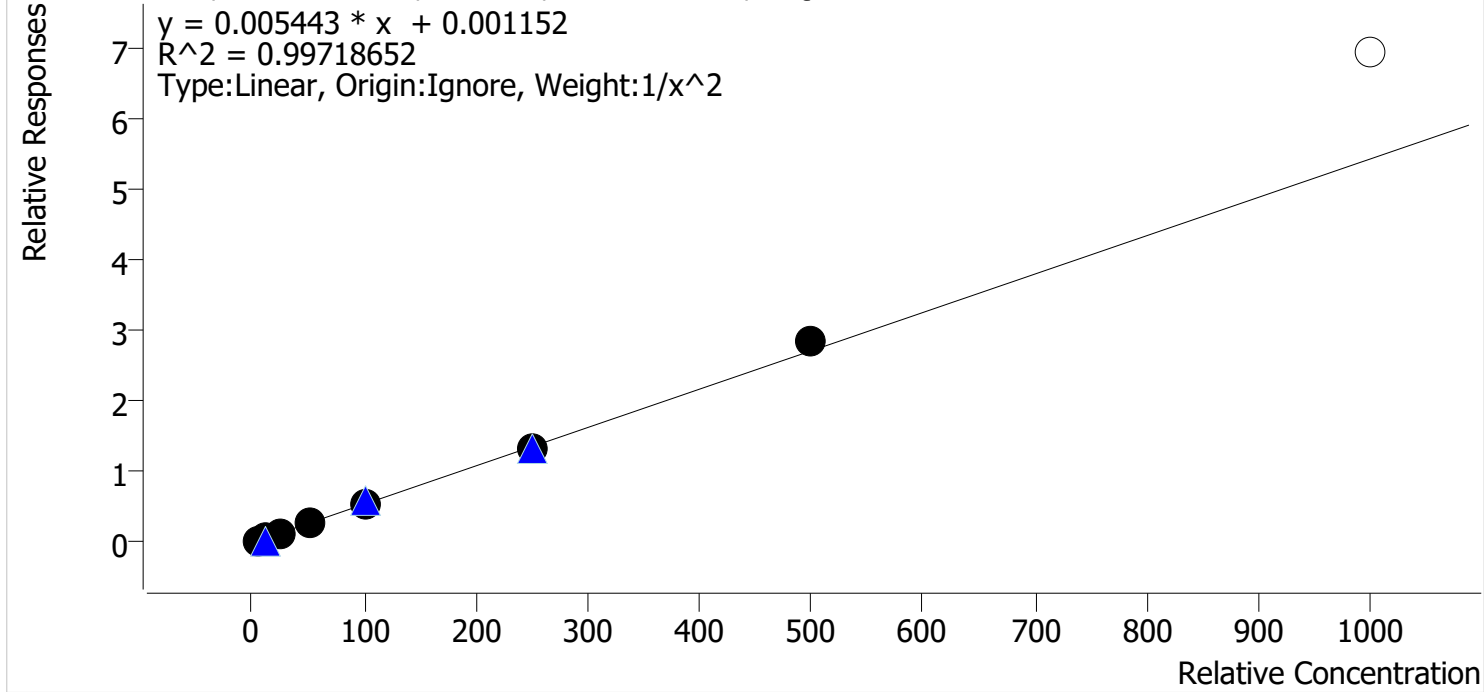
5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

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



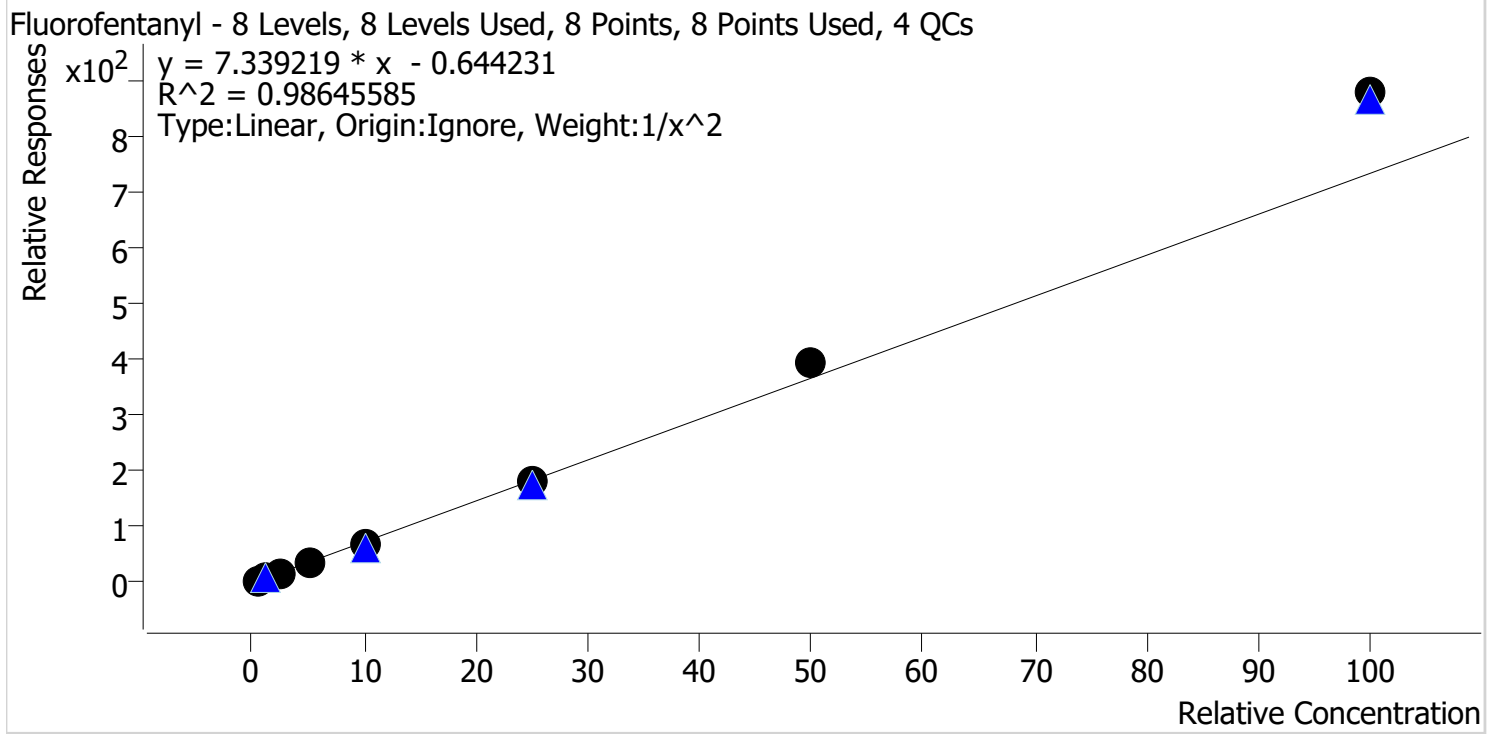
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	240.8	96.3
p1 Cal 7-500ng	7	✓	500.0	529.8	106.0
p1 Cal 8-1000ng	8	✗	1000.0	1277.4	127.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



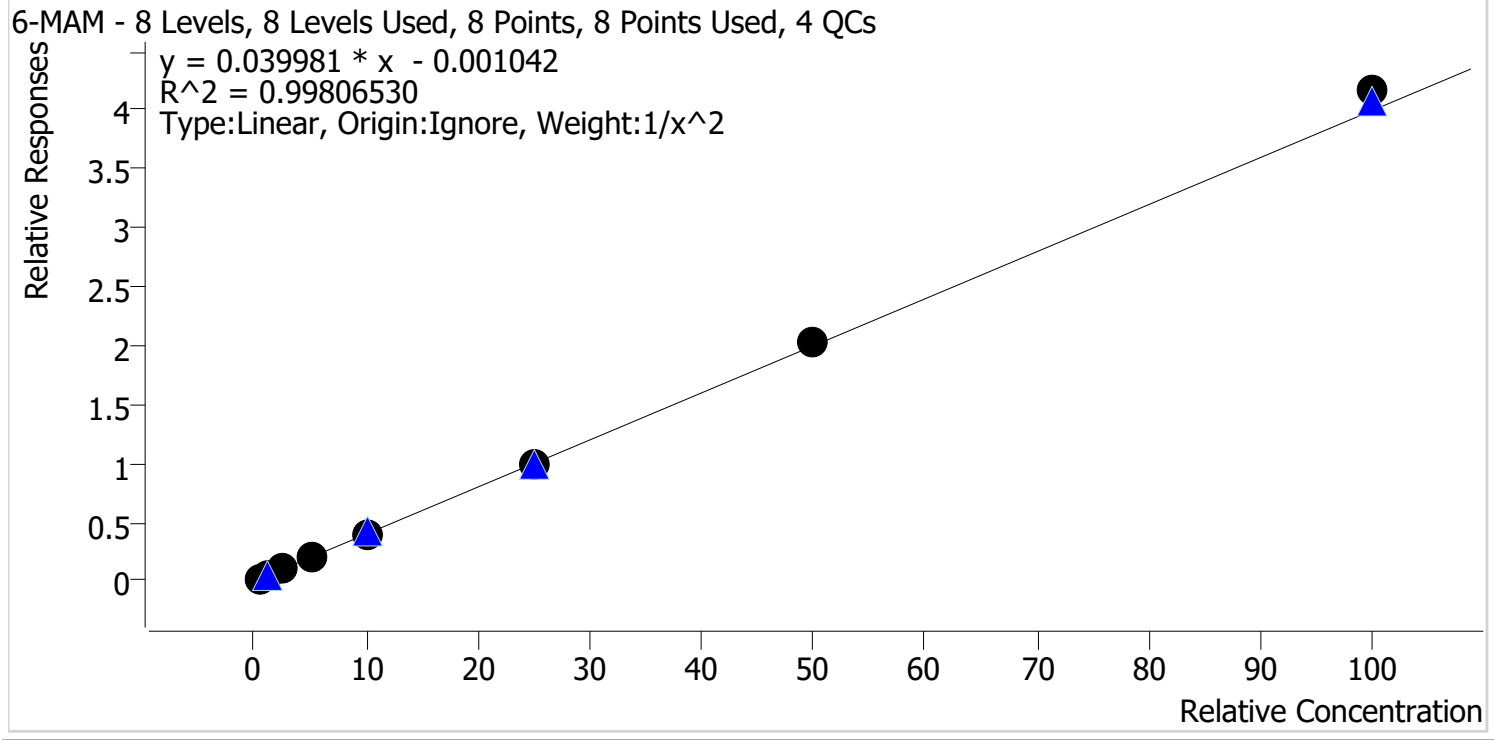
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.9
p1 Cal 2-10ng	2	✓	1.0	0.9	94.6
p1 Cal 3 -25ng	3	✓	2.5	2.2	89.0
p1 Cal 4-50ng	4	✓	5.0	4.6	91.9
p1 Cal 5-100ng	5	✓	10.0	9.4	94.1
p1 Cal 6-250ng	6	✓	25.0	24.5	98.2
p1 Cal 7-500ng	7	✓	50.0	53.4	106.7
p1 Cal 8-1000ng	8	✓	100.0	119.7	119.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



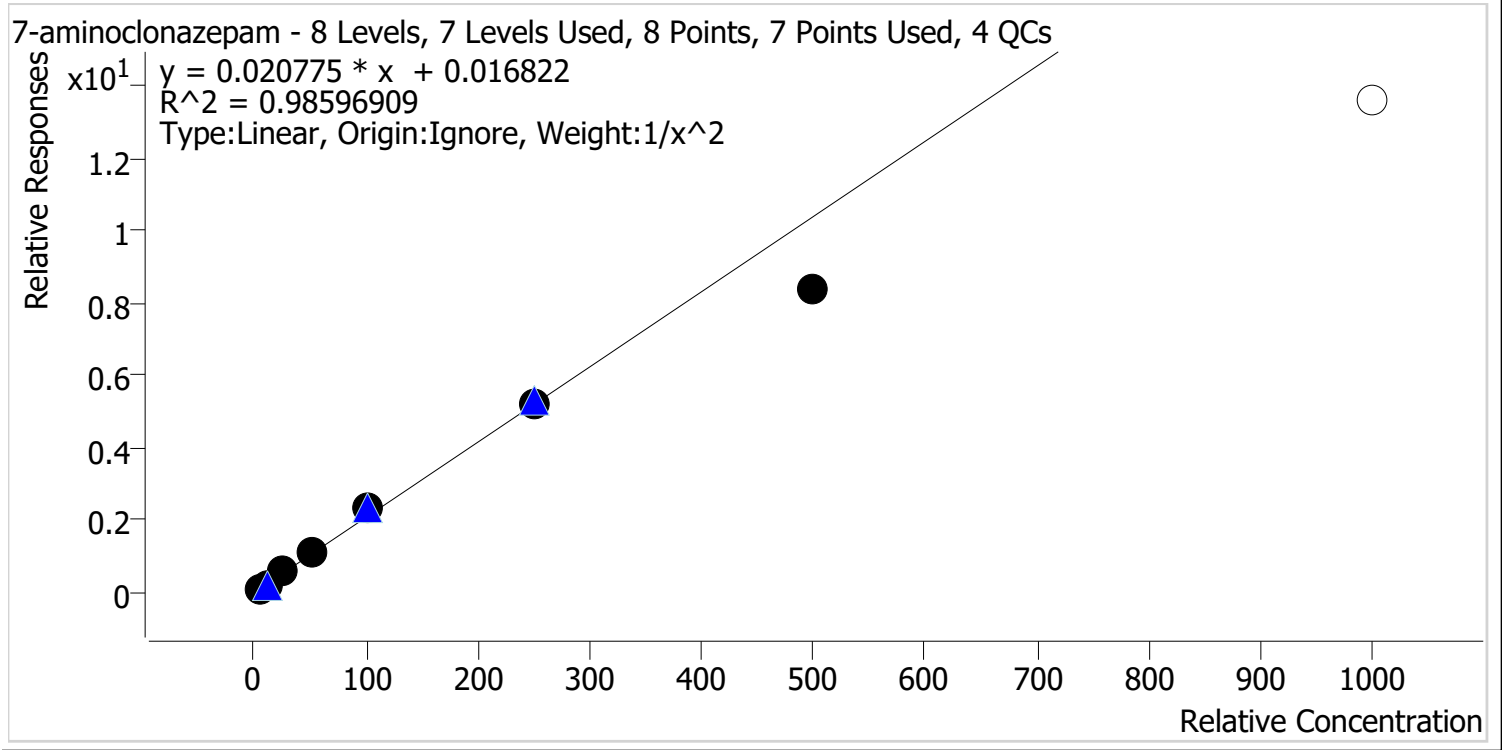
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.9
p1 Cal 2-10ng	2	✓	1.0	0.9	93.0
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.4
p1 Cal 4-50ng	4	✓	5.0	5.1	101.9
p1 Cal 5-100ng	5	✓	10.0	9.8	97.6
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	50.9	101.9
p1 Cal 8-1000ng	8	✓	100.0	104.2	104.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



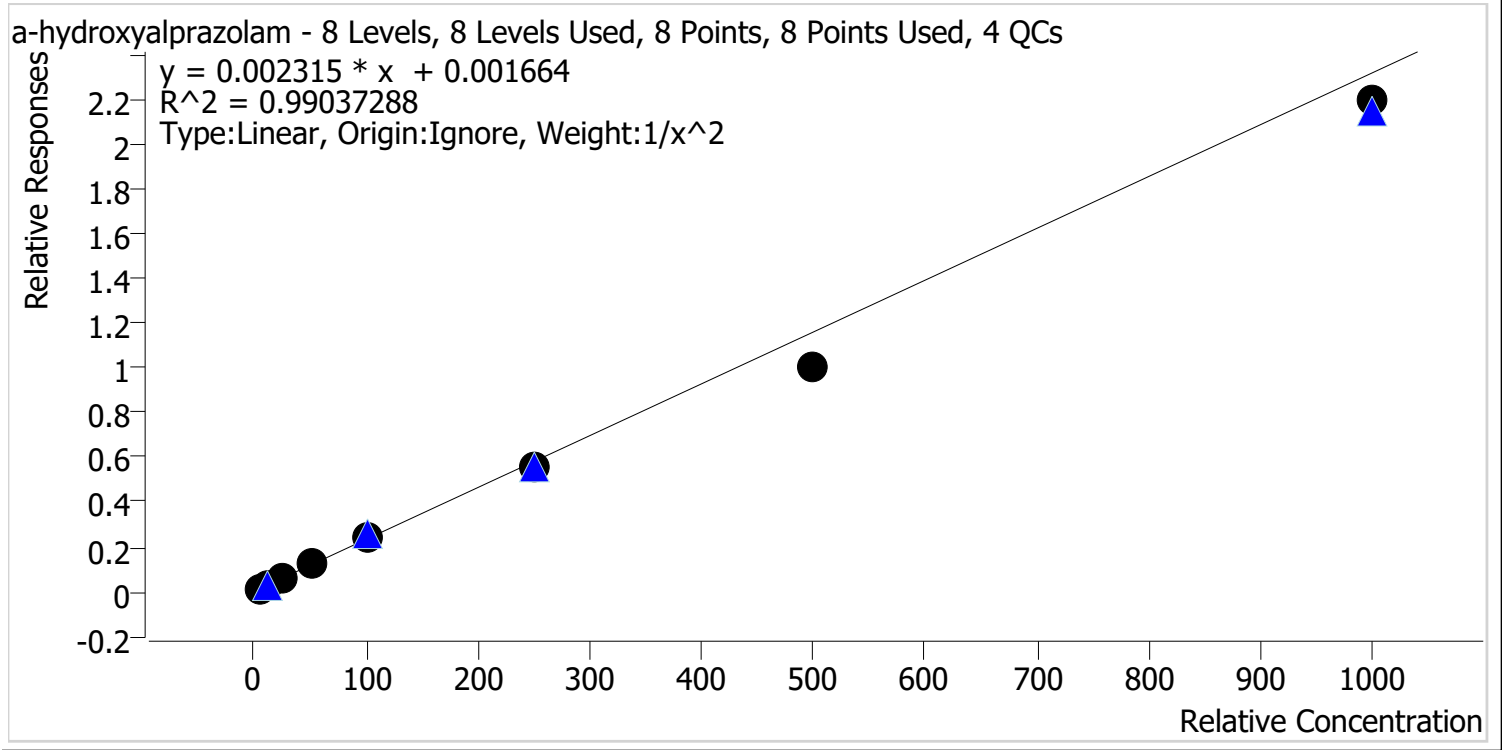
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	112.6	112.6
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	402.0	80.4
p1 Cal 8-1000ng	8	✗	1000.0	654.2	65.4



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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	93.0
p1 Cal 2-10ng	2	✓	10.0	10.9	108.6
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.6
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	239.7	95.9
p1 Cal 7-500ng	7	✓	500.0	434.1	86.8
p1 Cal 8-1000ng	8	✓	1000.0	946.6	94.7

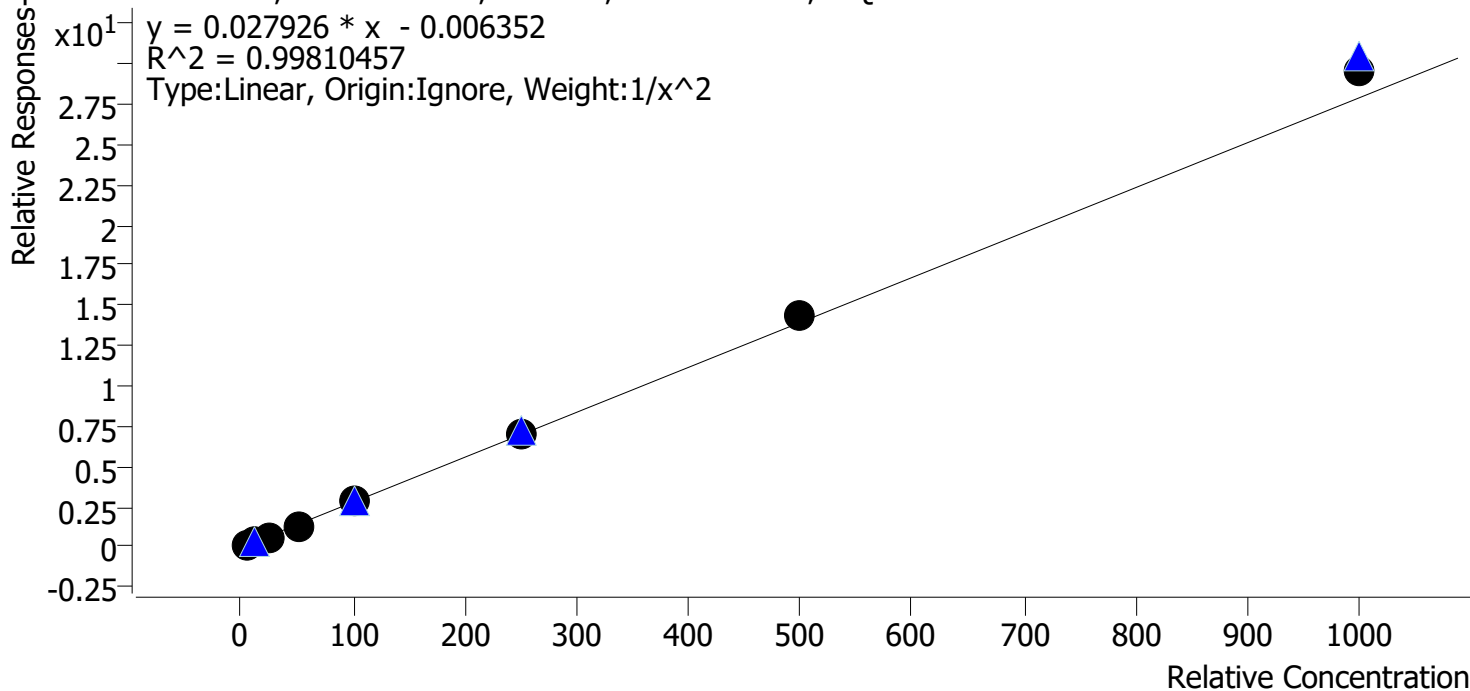
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	513.6	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1063.8	106.4

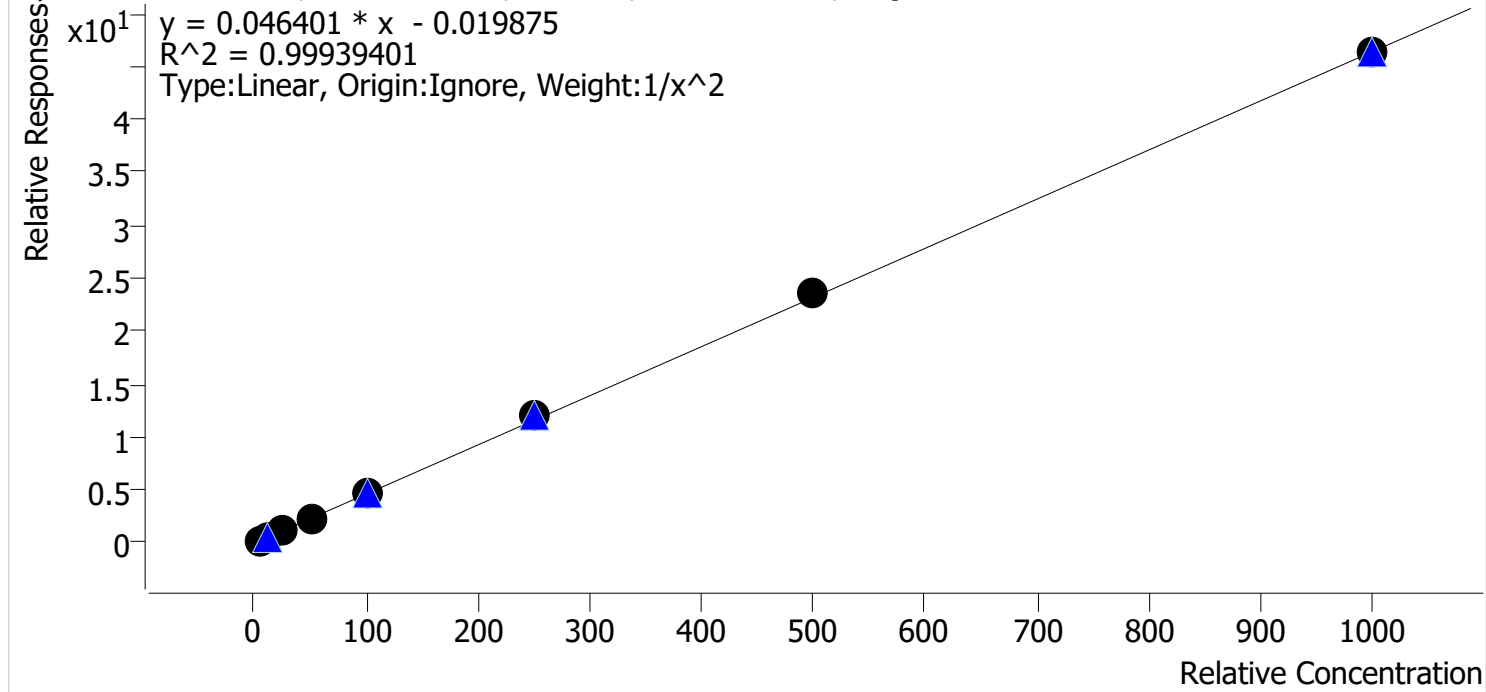
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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

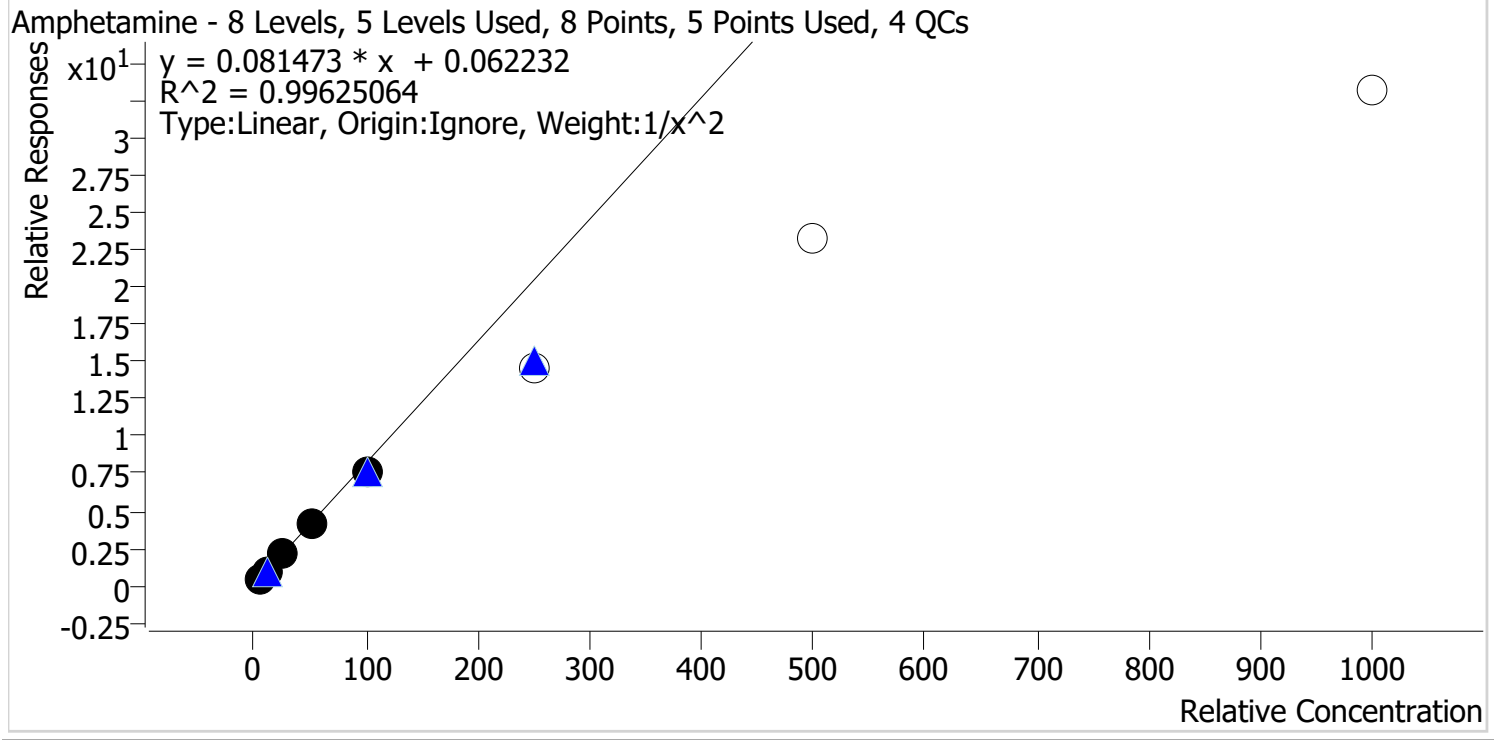


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	257.9	103.2
p1 Cal 7-500ng	7	✓	500.0	510.8	102.2
p1 Cal 8-1000ng	8	✓	1000.0	996.5	99.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng	6	✗	250.0	178.1	71.2
p1 Cal 7-500ng	7	✗	500.0	284.3	56.9
p1 Cal 8-1000ng	8	✗	1000.0	405.6	40.6

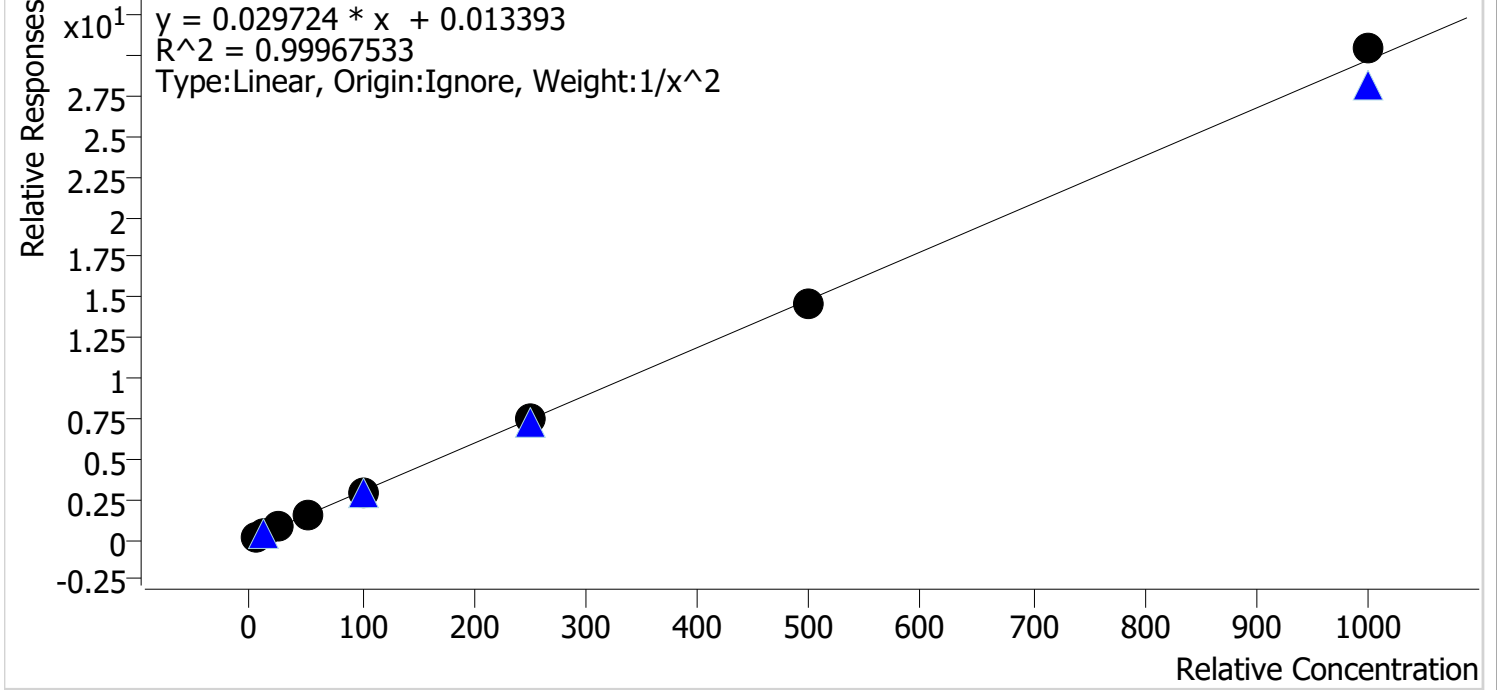


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



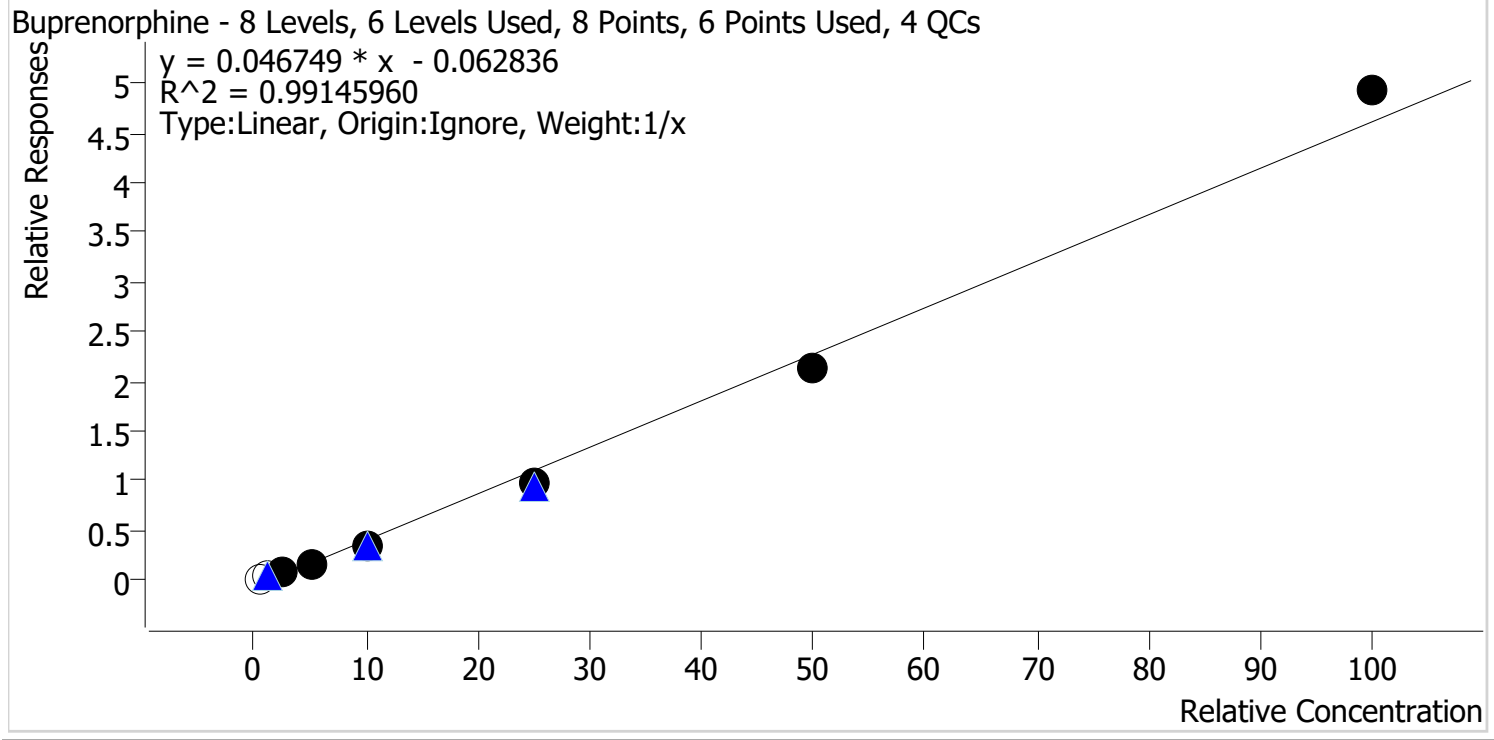
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1024.0	102.4

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



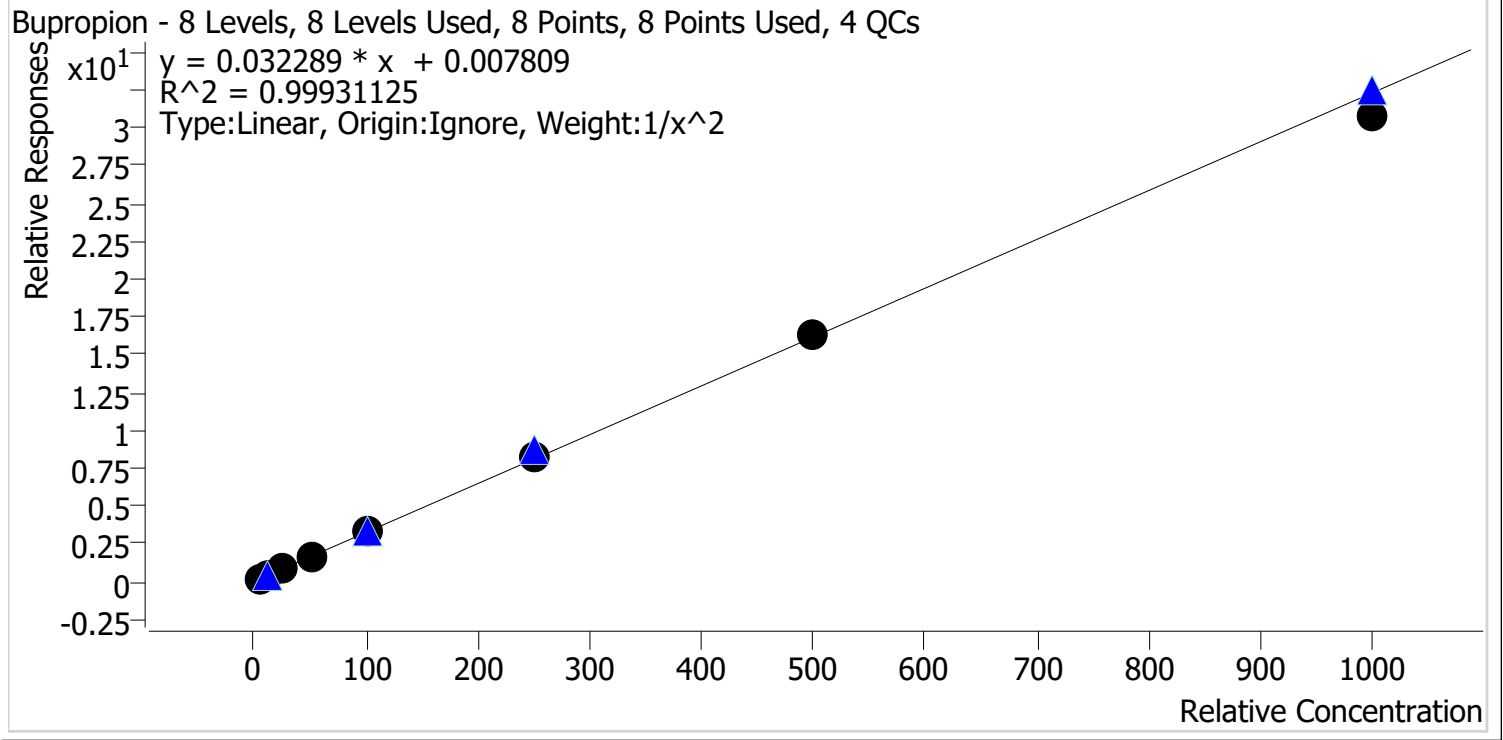
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	1.7	347.0
p1 Cal 2-10ng	2	x	1.0	2.0	204.4
p1 Cal 3 -25ng	3	✓	2.5	3.1	124.6
p1 Cal 4-50ng	4	✓	5.0	4.8	96.7
p1 Cal 5-100ng	5	✓	10.0	9.0	90.2
p1 Cal 6-250ng	6	✓	25.0	22.1	88.3
p1 Cal 7-500ng	7	✓	50.0	46.7	93.5
p1 Cal 8-1000ng	8	✓	100.0	106.7	106.7

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



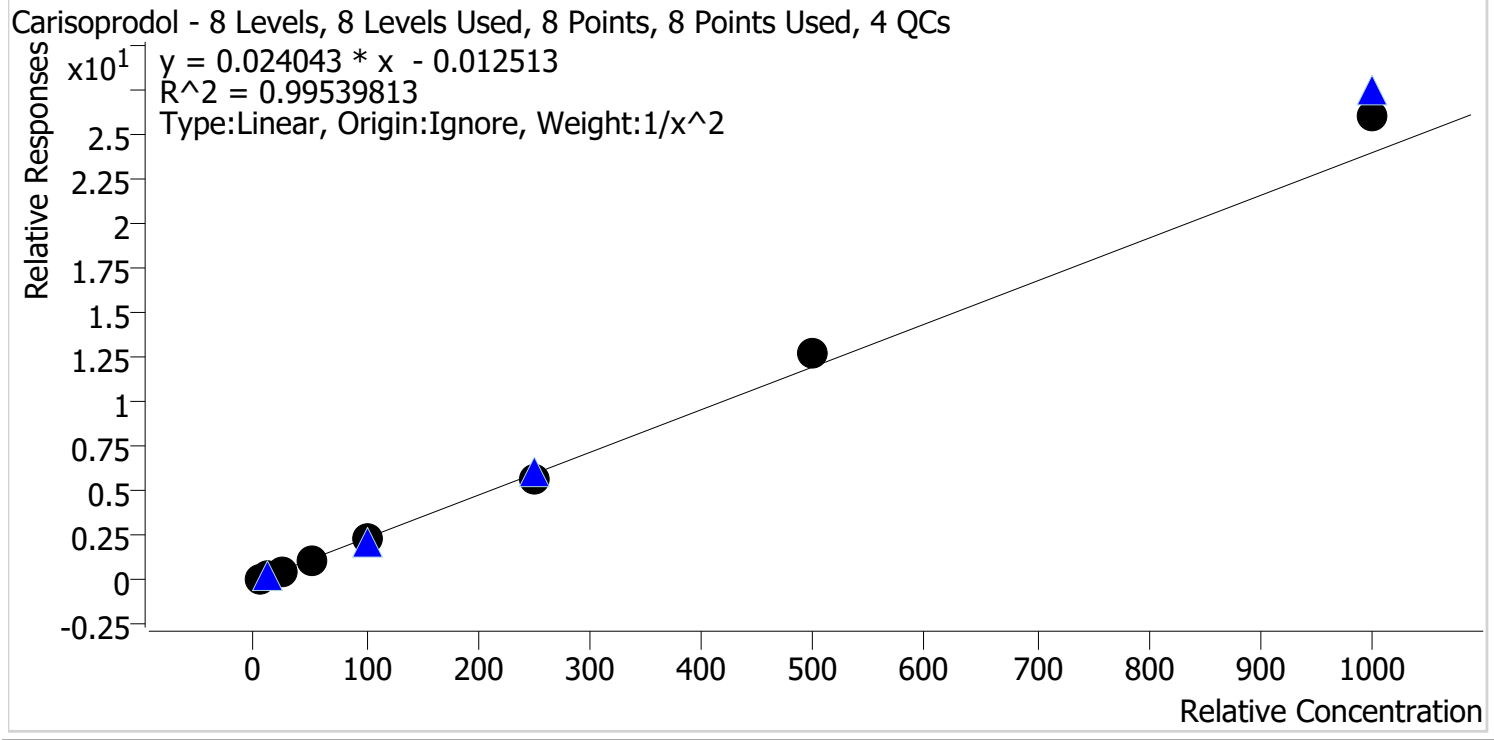
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.1
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	504.9	101.0
p1 Cal 8-1000ng	8	✓	1000.0	950.4	95.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



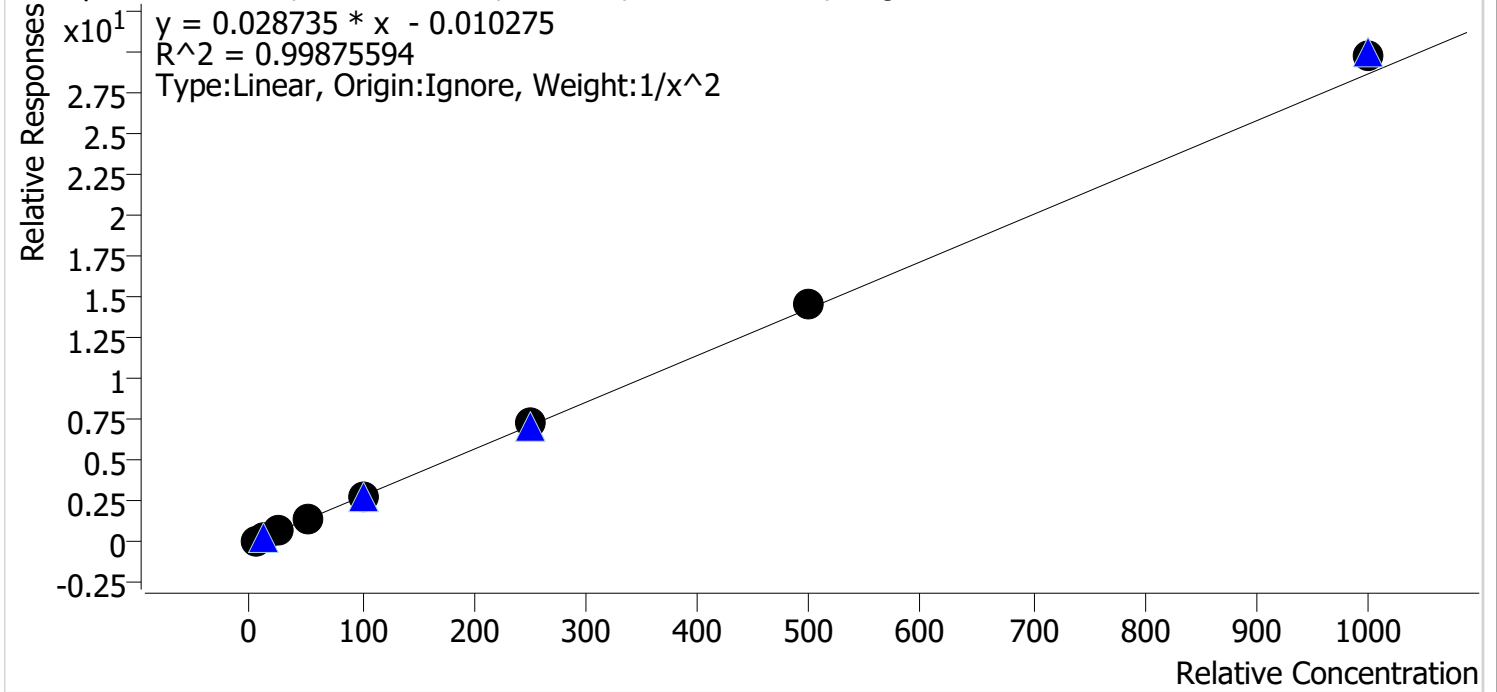
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.5	95.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	238.8	95.5
p1 Cal 7-500ng	7	✓	500.0	535.5	107.1
p1 Cal 8-1000ng	8	✓	1000.0	1089.9	109.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



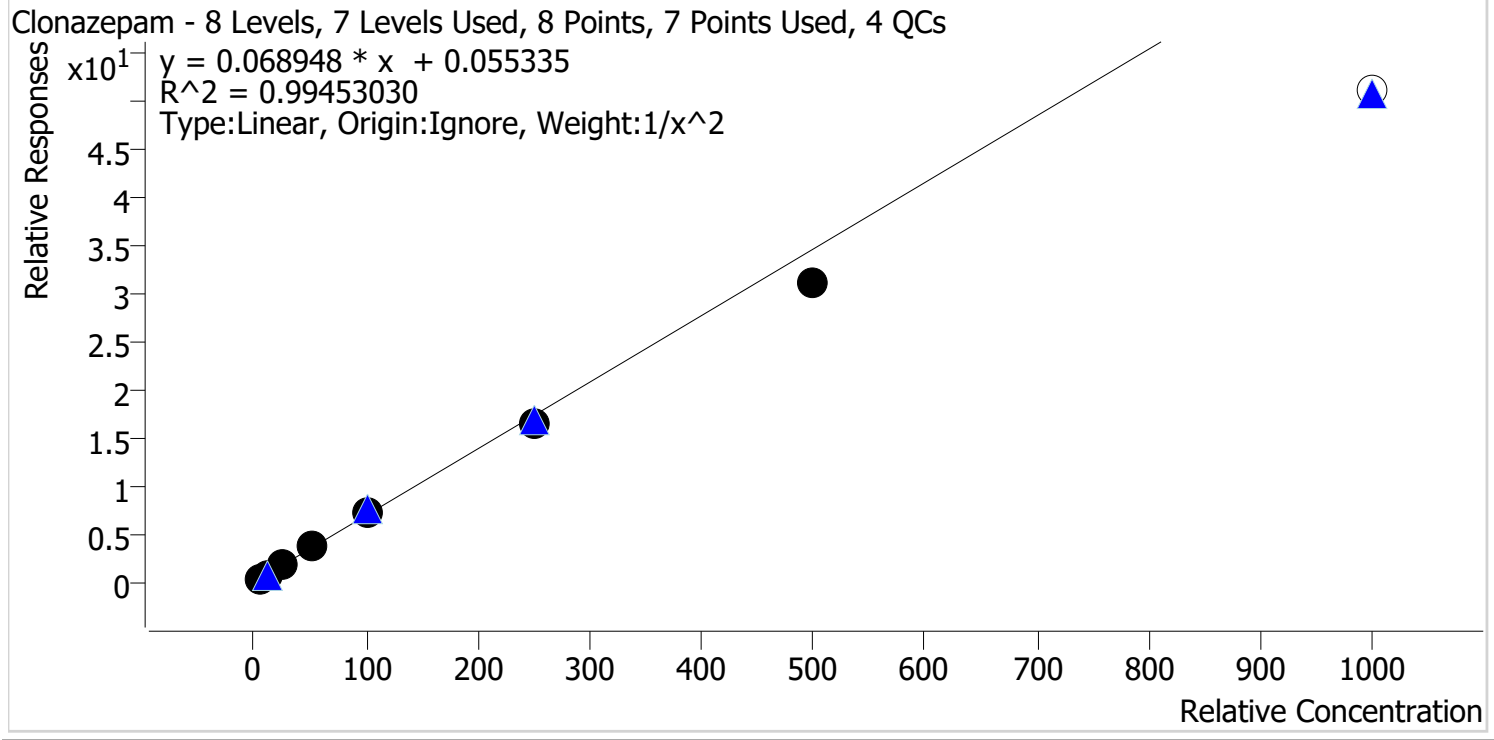
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	256.1	102.5
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1037.6	103.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



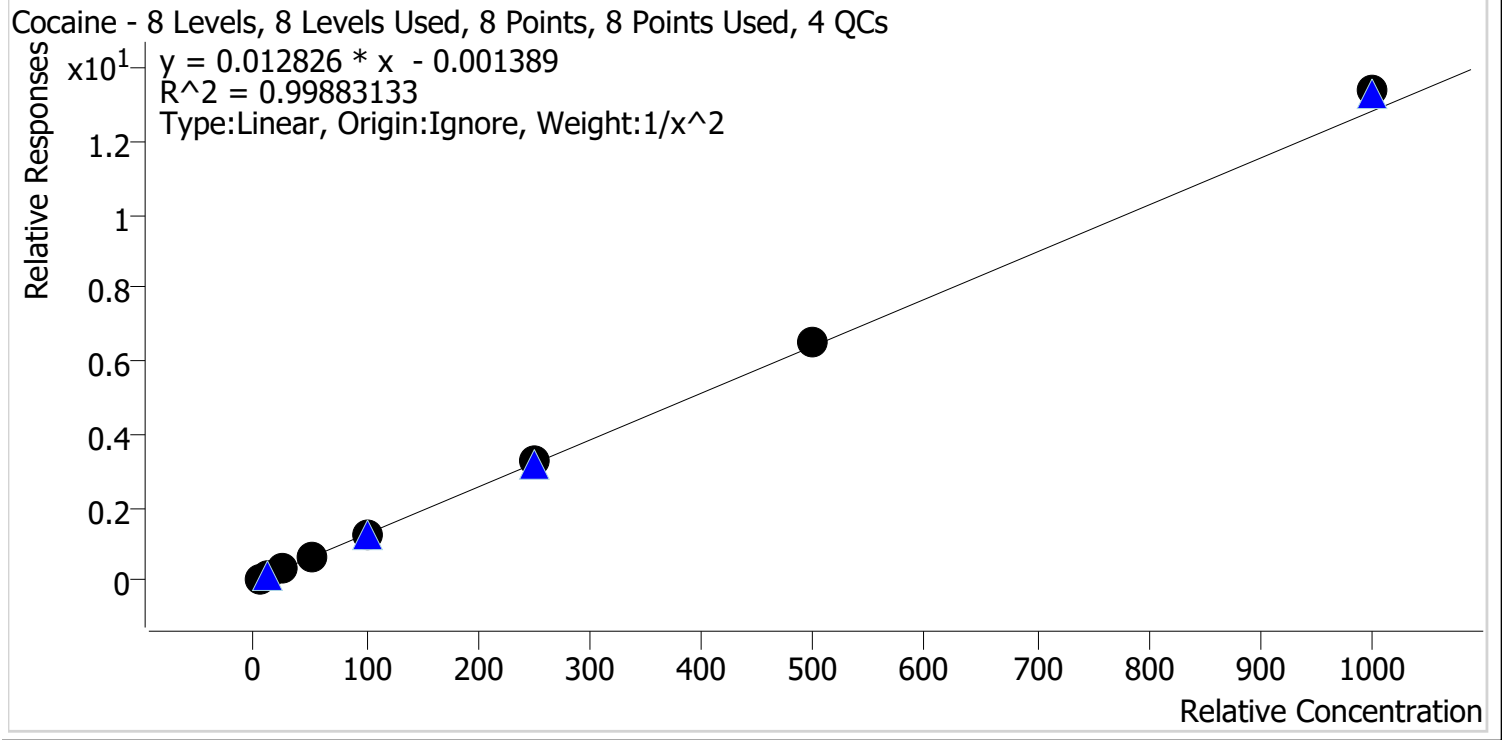
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	238.4	95.4
p1 Cal 7-500ng	7	✓	500.0	446.8	89.4
p1 Cal 8-1000ng	8	✗	1000.0	737.9	73.8

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



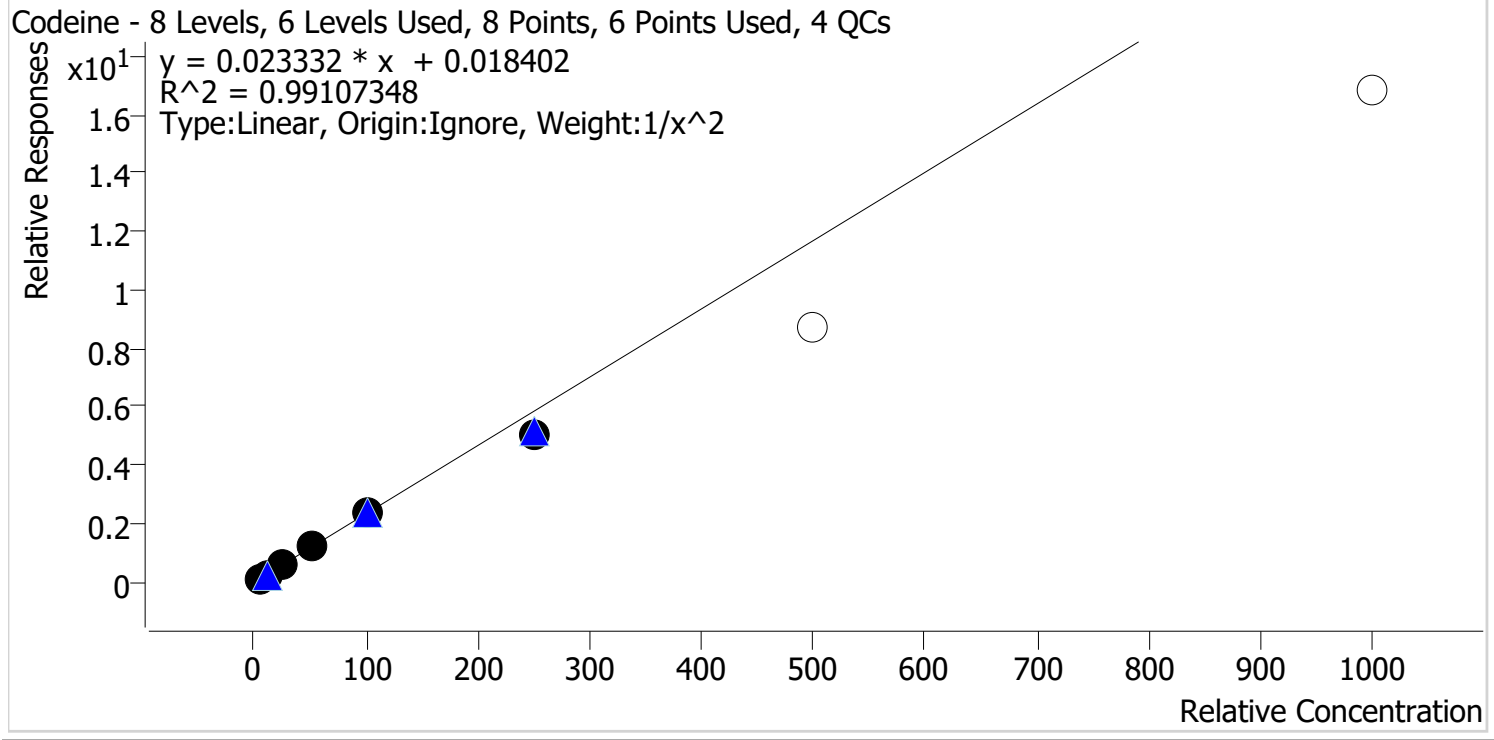
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	510.6	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1043.7	104.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



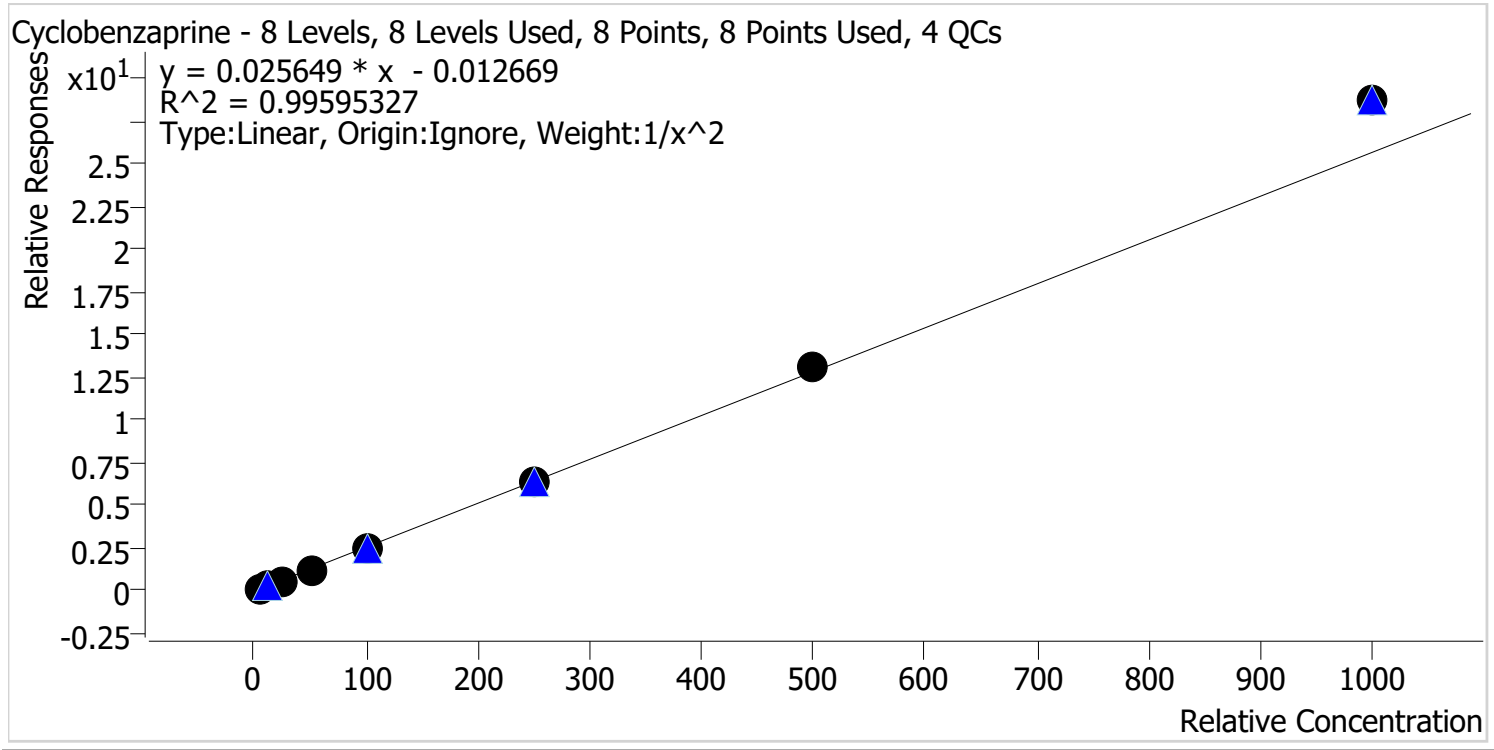
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.6	106.4
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	216.5	86.6
p1 Cal 7-500ng	7	x	500.0	375.3	75.1
p1 Cal 8-1000ng	8	x	1000.0	719.7	72.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	509.8	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1118.1	111.8

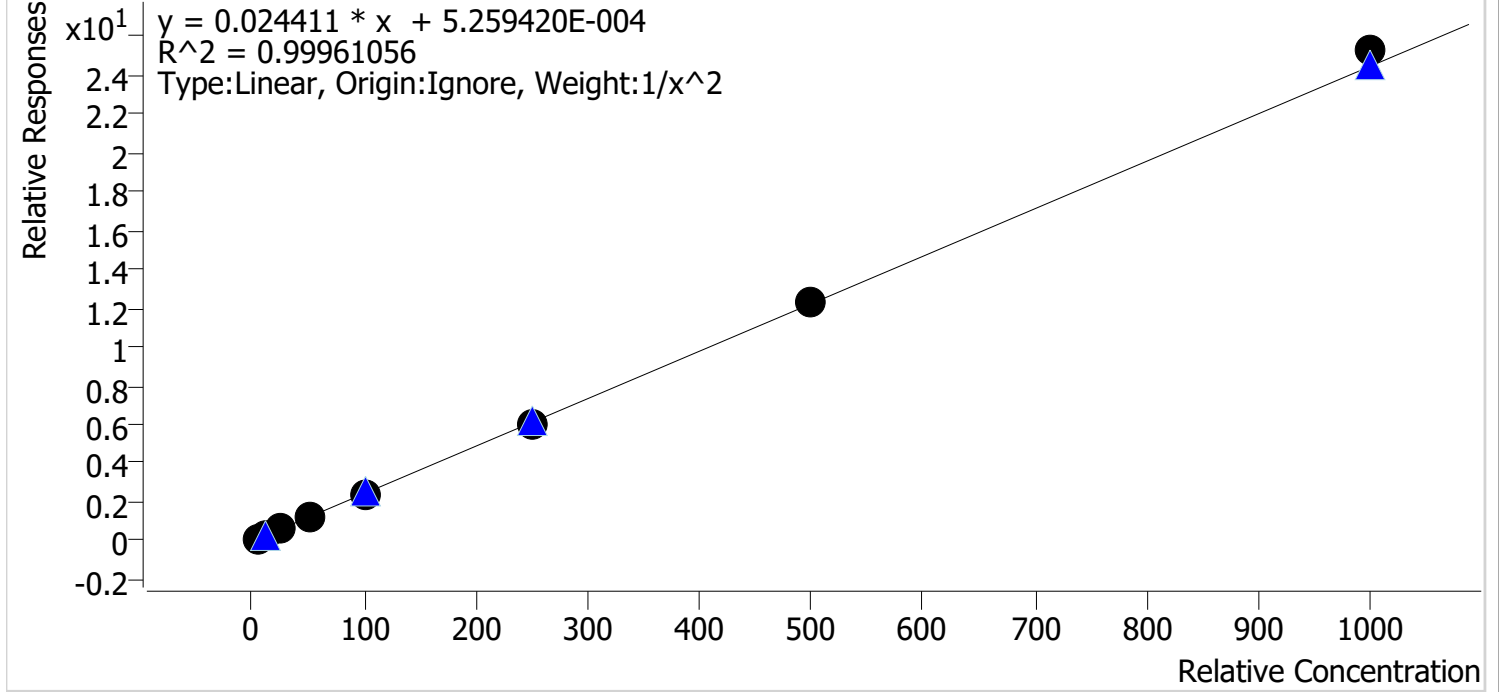
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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

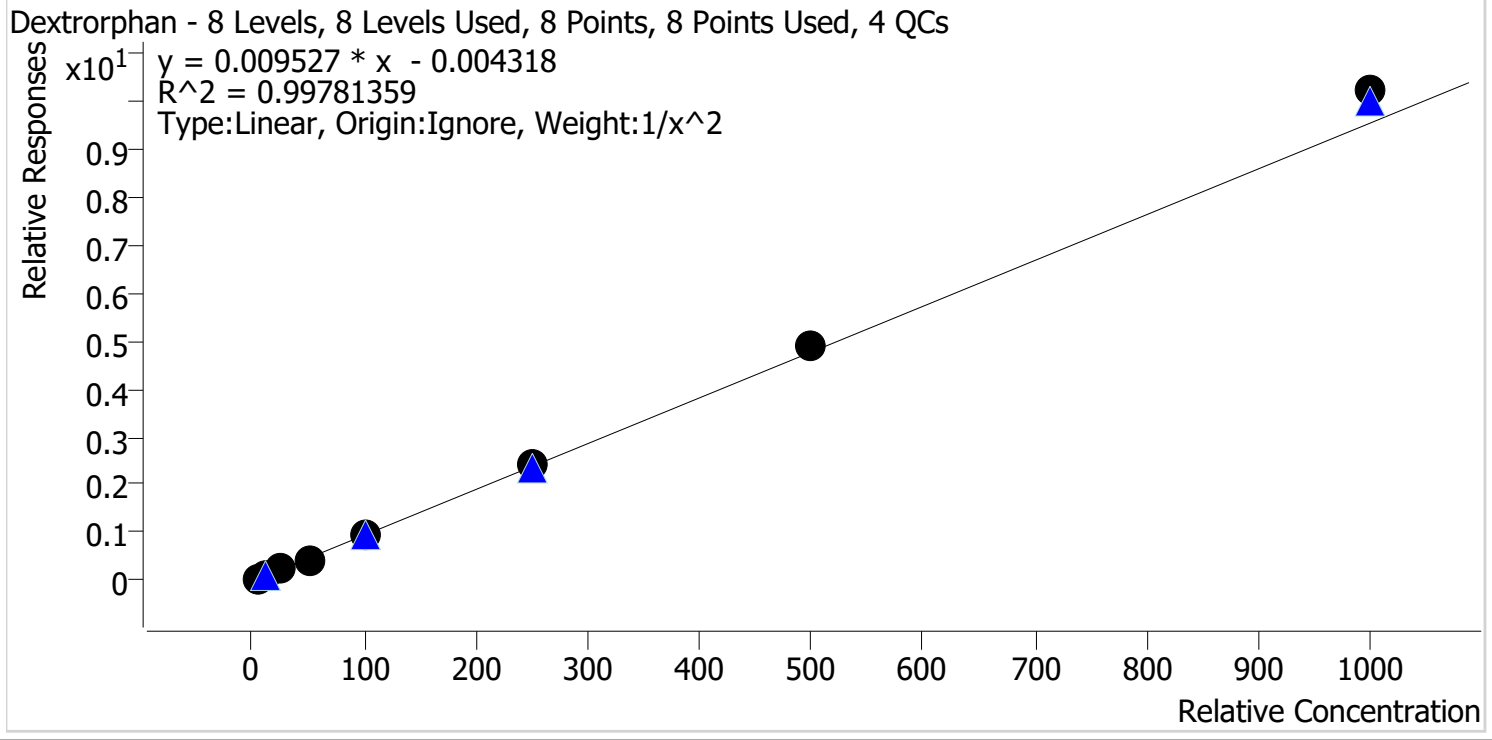


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	500.8	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1033.1	103.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



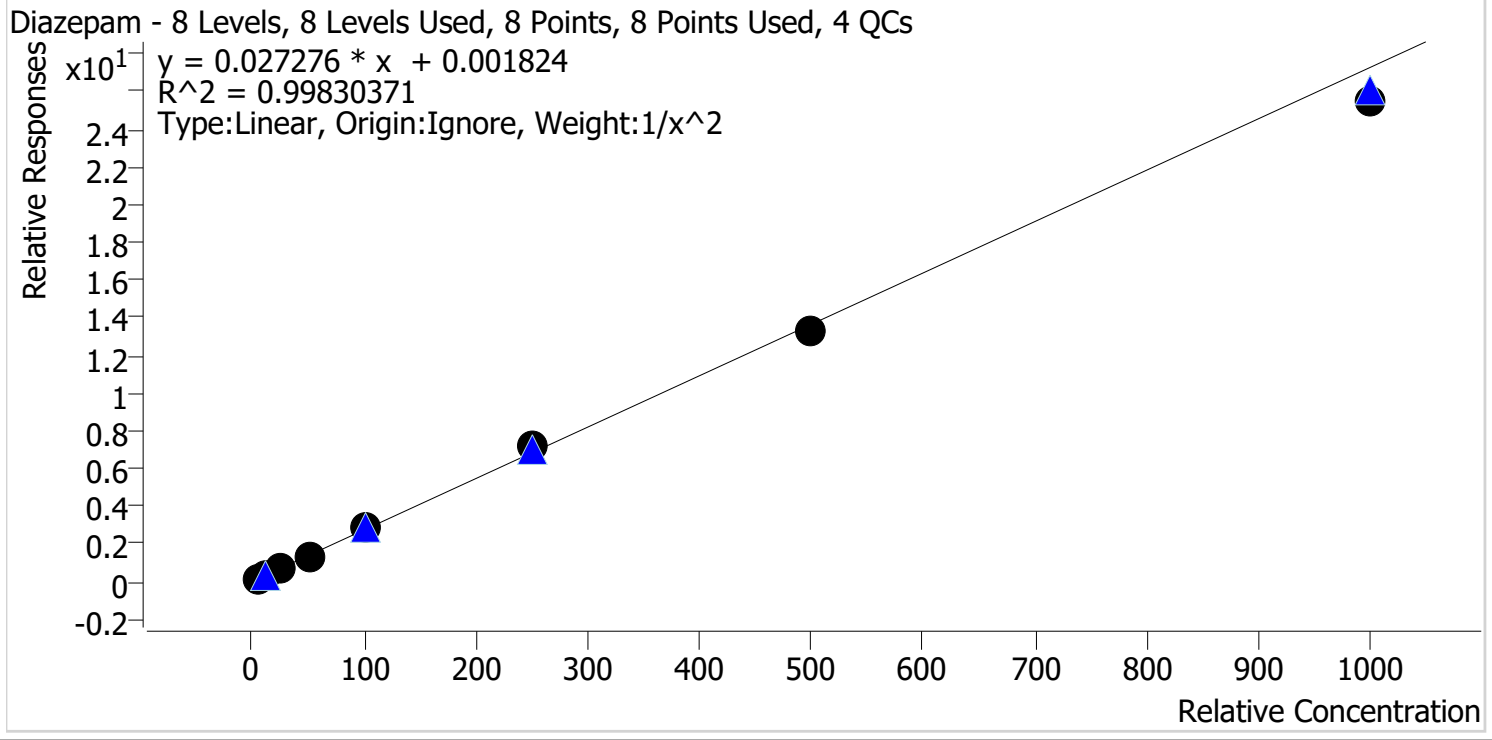
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1071.0	107.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



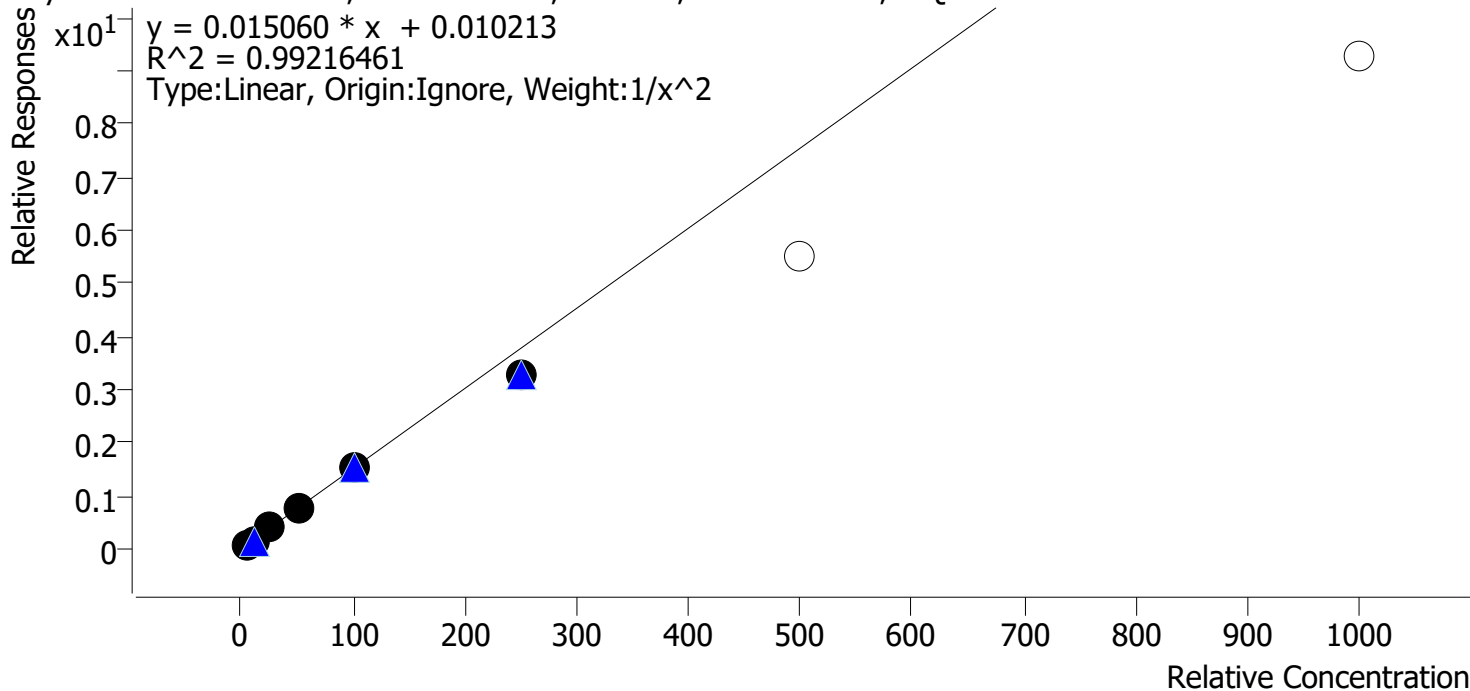
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	263.5	105.4
p1 Cal 7-500ng	7	✓	500.0	488.9	97.8
p1 Cal 8-1000ng	8	✓	1000.0	931.2	93.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

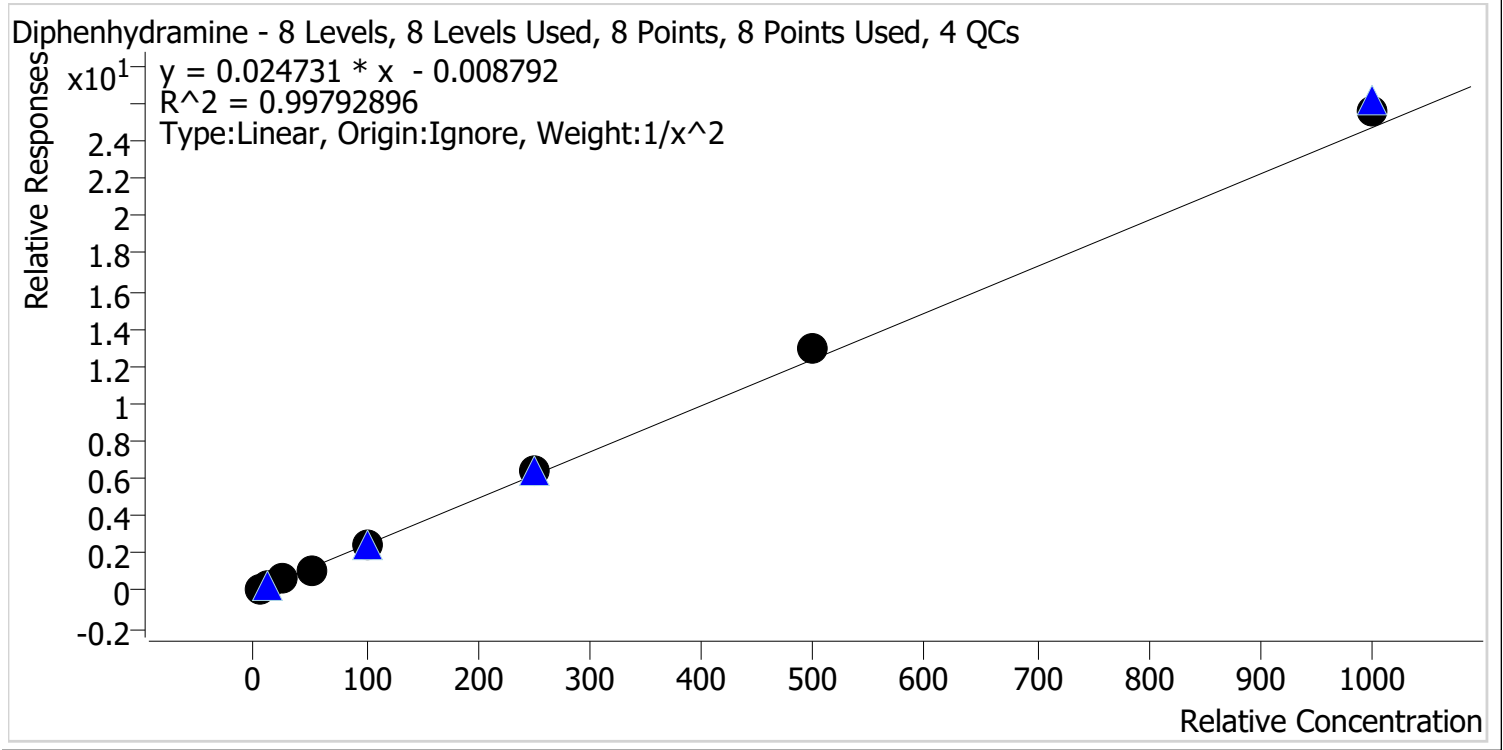
Dihydrocodeine - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	218.9	87.5
p1 Cal 7-500ng	7	x	500.0	365.9	73.2
p1 Cal 8-1000ng	8	x	1000.0	614.2	61.4

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



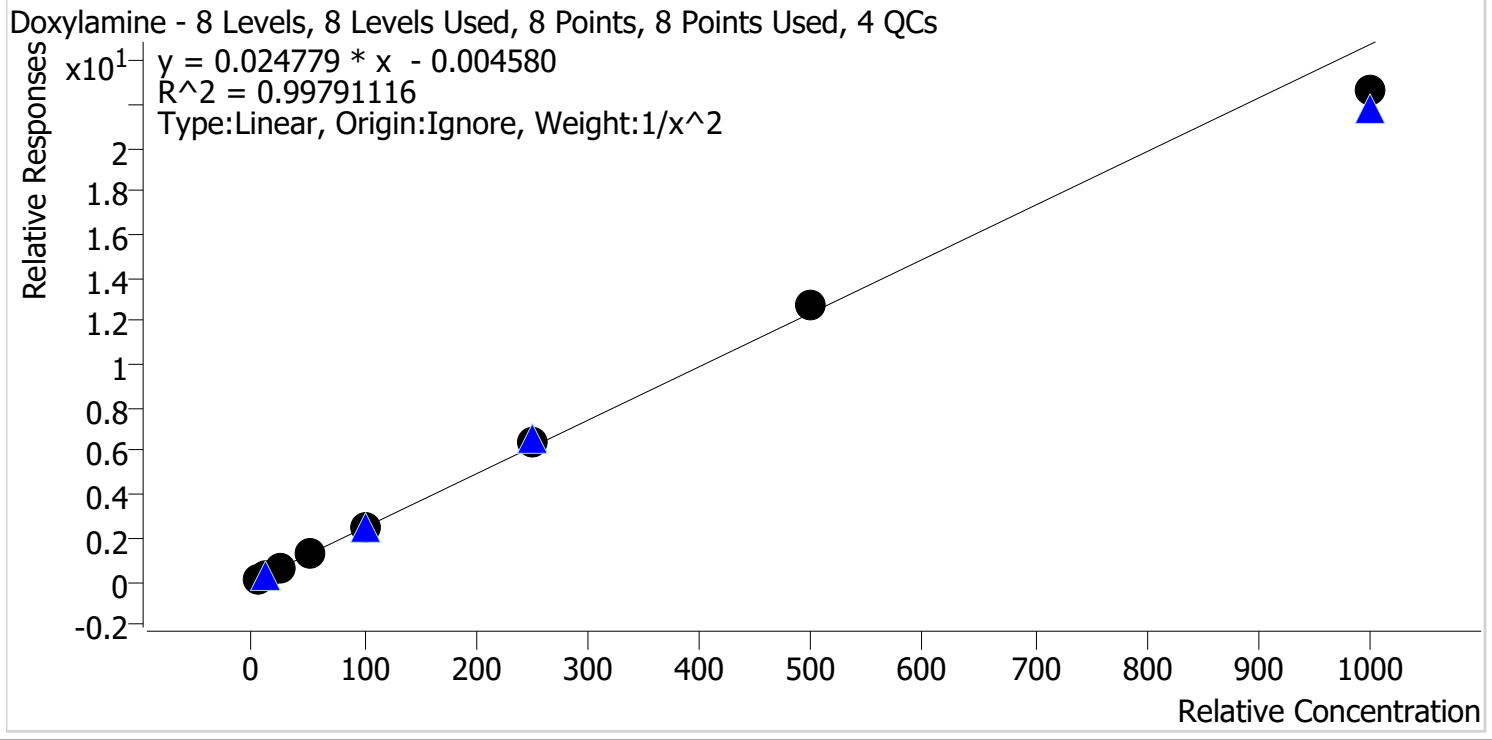
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	522.7	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1032.3	103.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



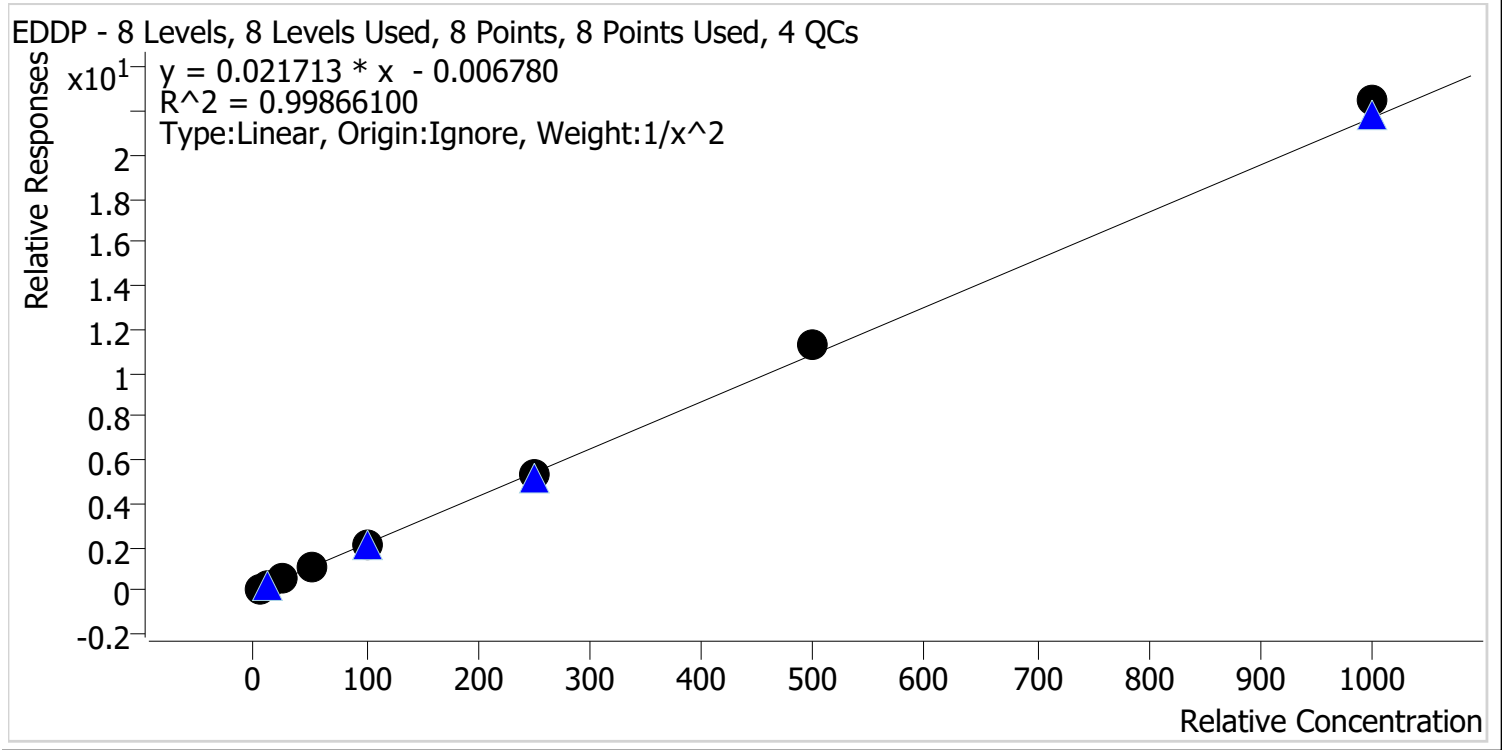
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	914.0	91.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

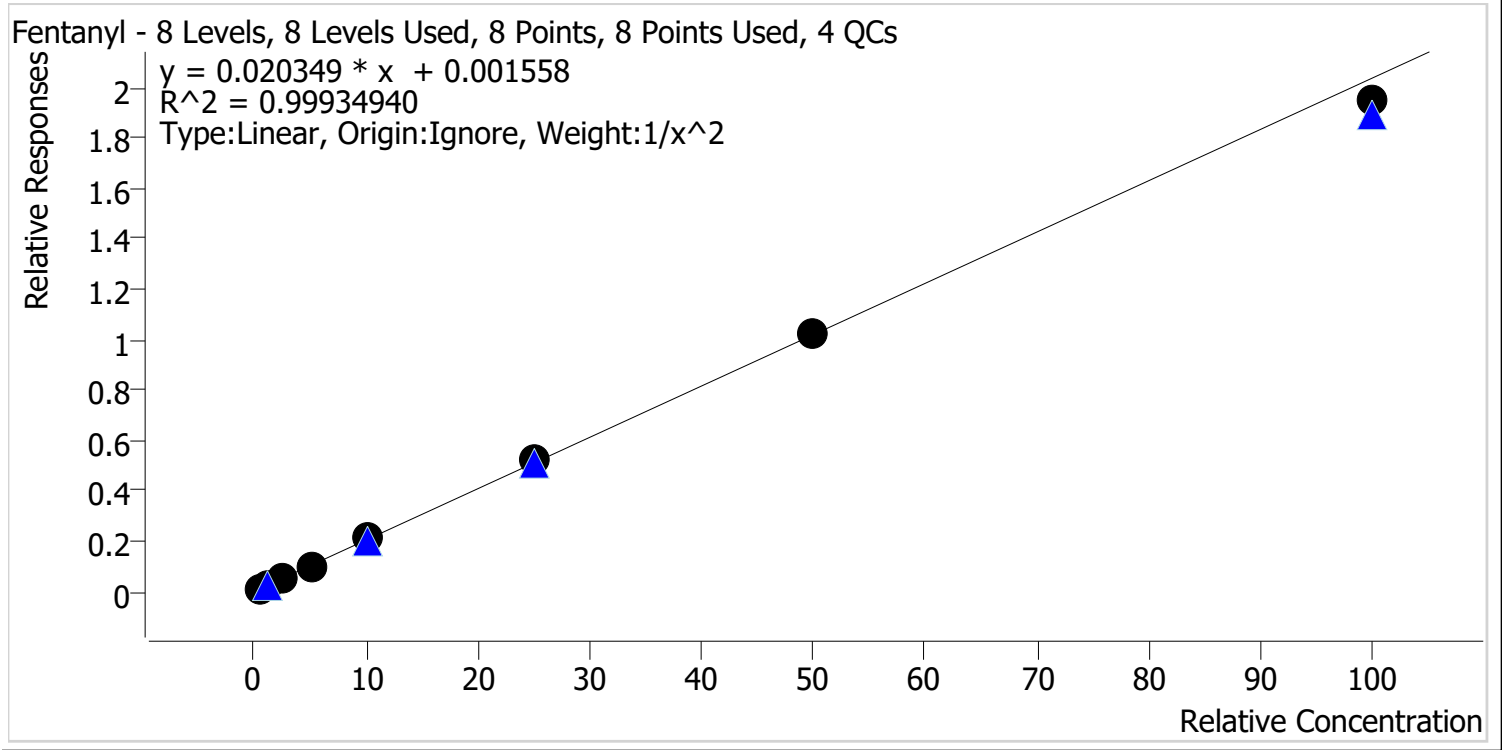


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	95.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	524.2	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1036.1	103.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

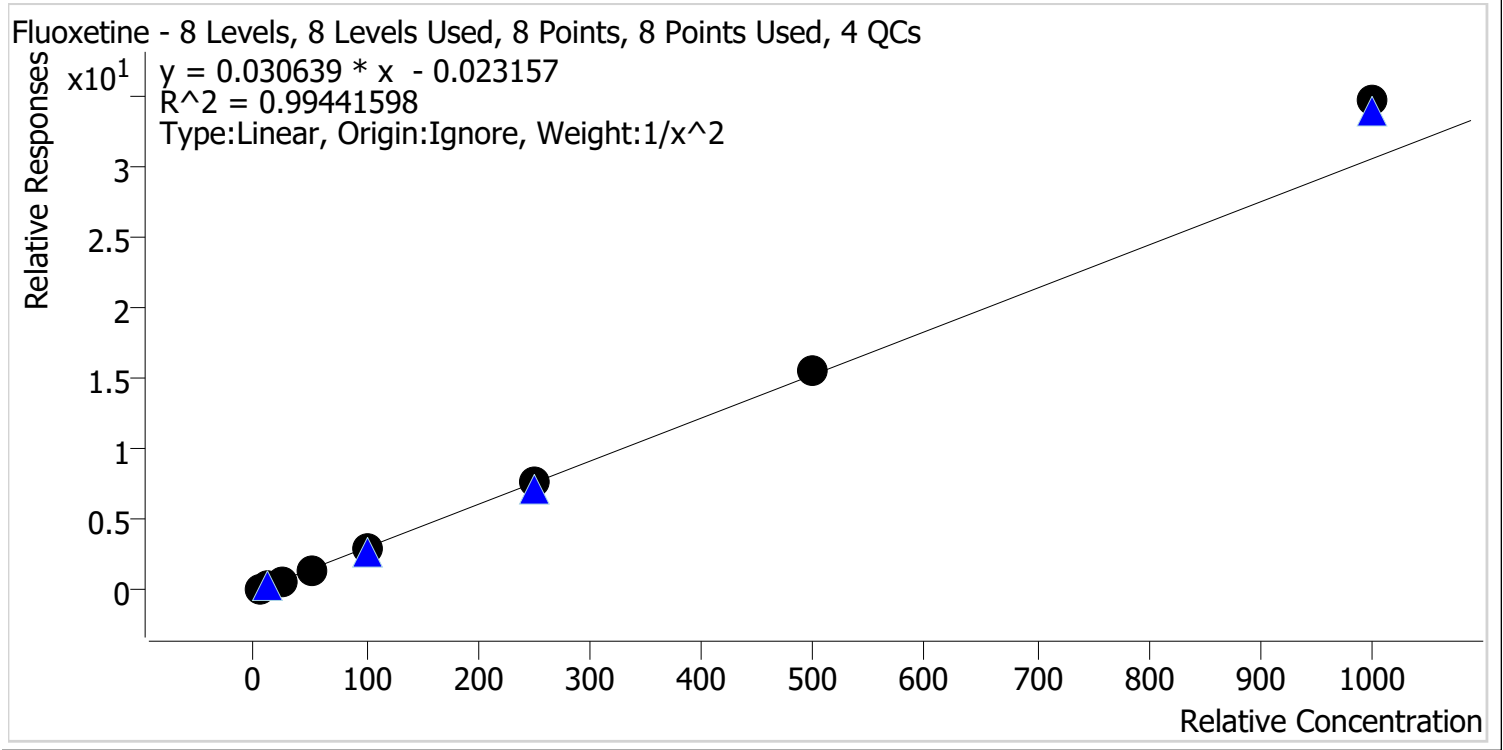


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.8
p1 Cal 2-10ng	2	✓	1.0	1.0	99.9
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.4
p1 Cal 5-100ng	5	✓	10.0	10.3	102.8
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	50.2	100.4
p1 Cal 8-1000ng	8	✓	100.0	95.6	95.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



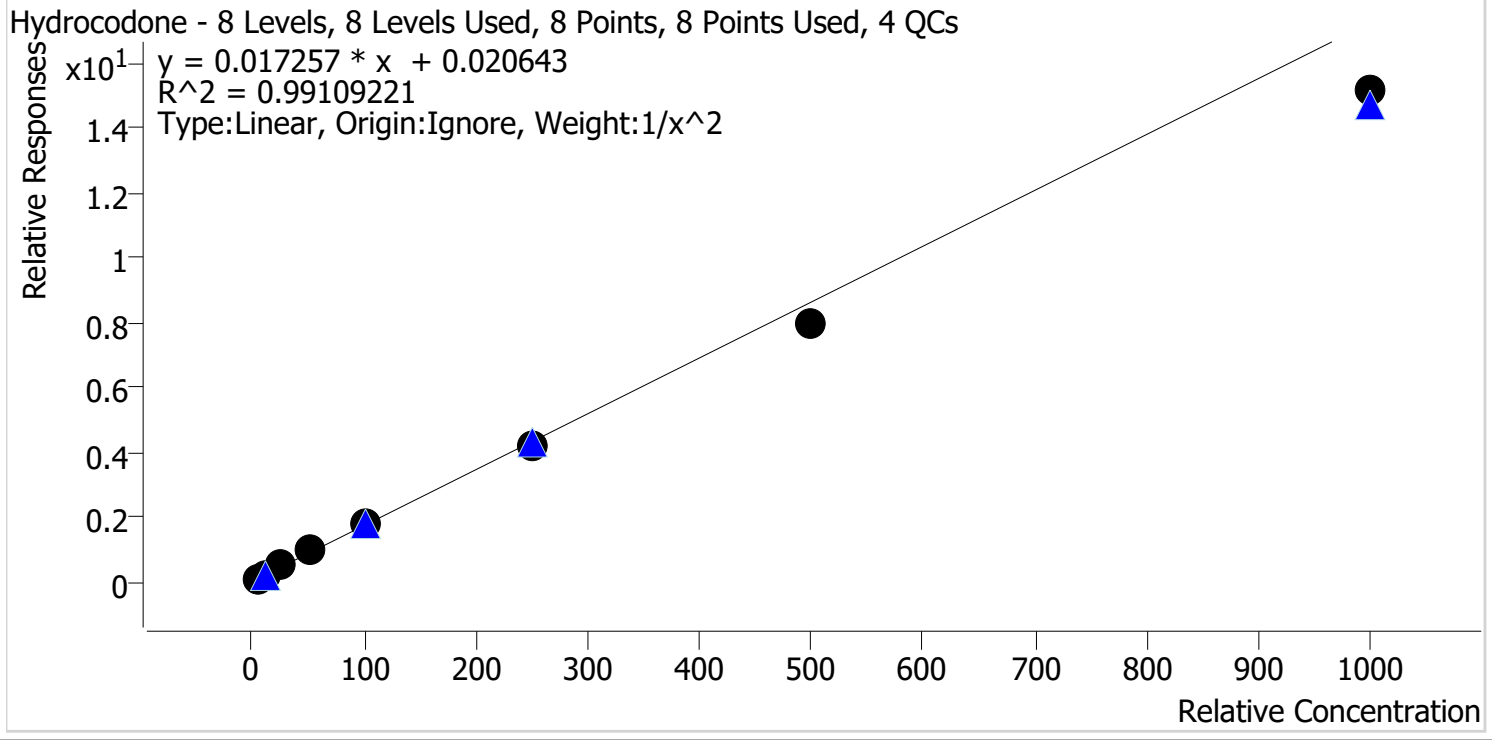
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.7
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	511.2	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1134.4	113.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



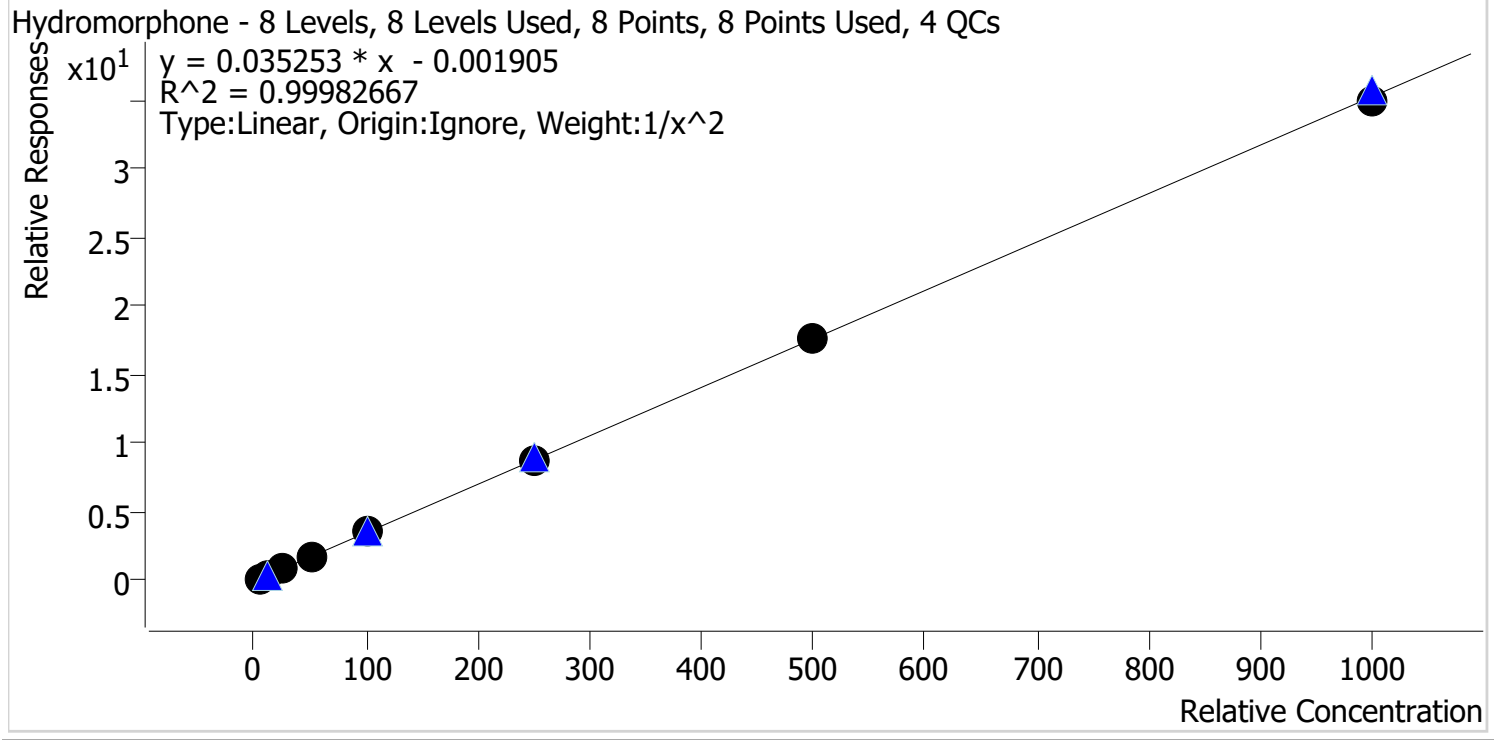
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	459.8	92.0
p1 Cal 8-1000ng	8	✓	1000.0	878.5	87.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



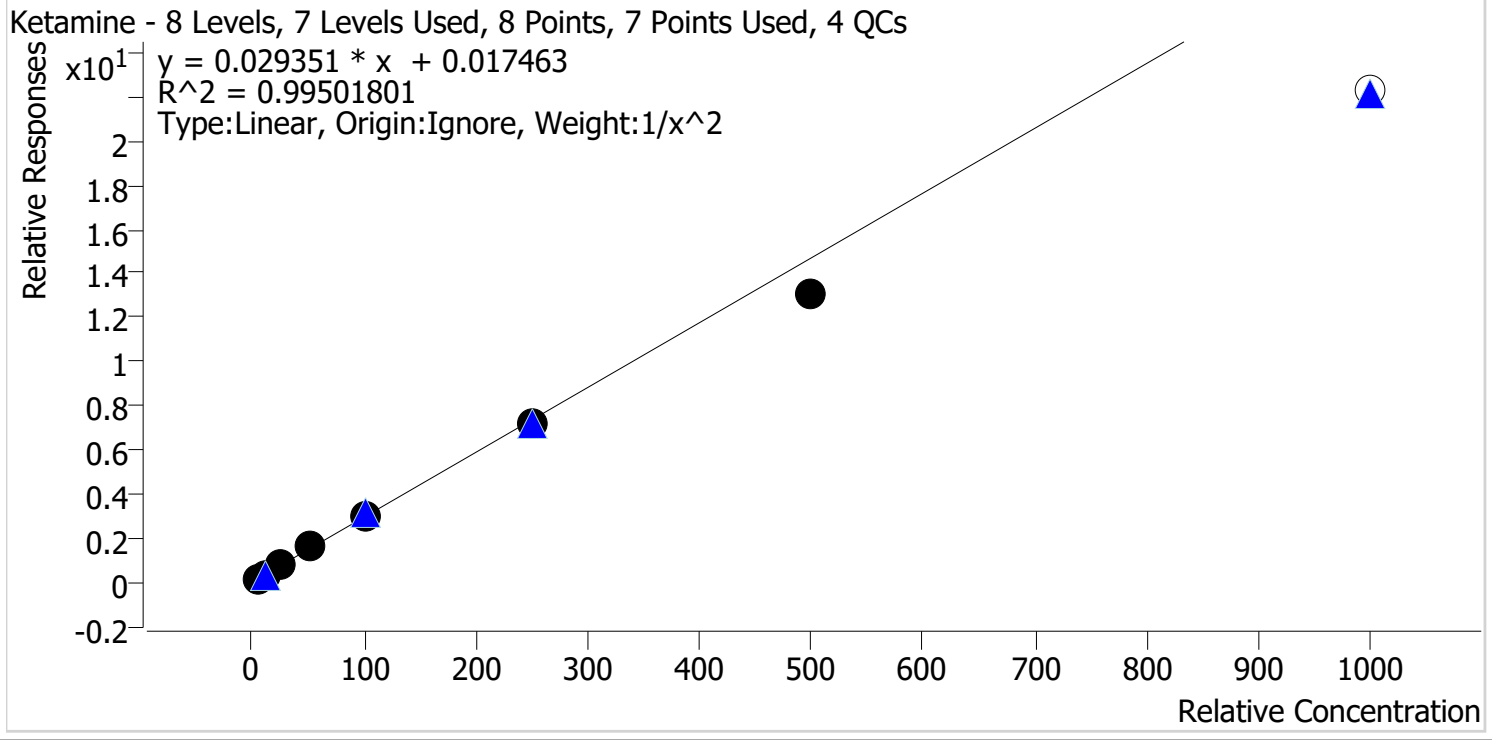
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	992.9	99.3

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



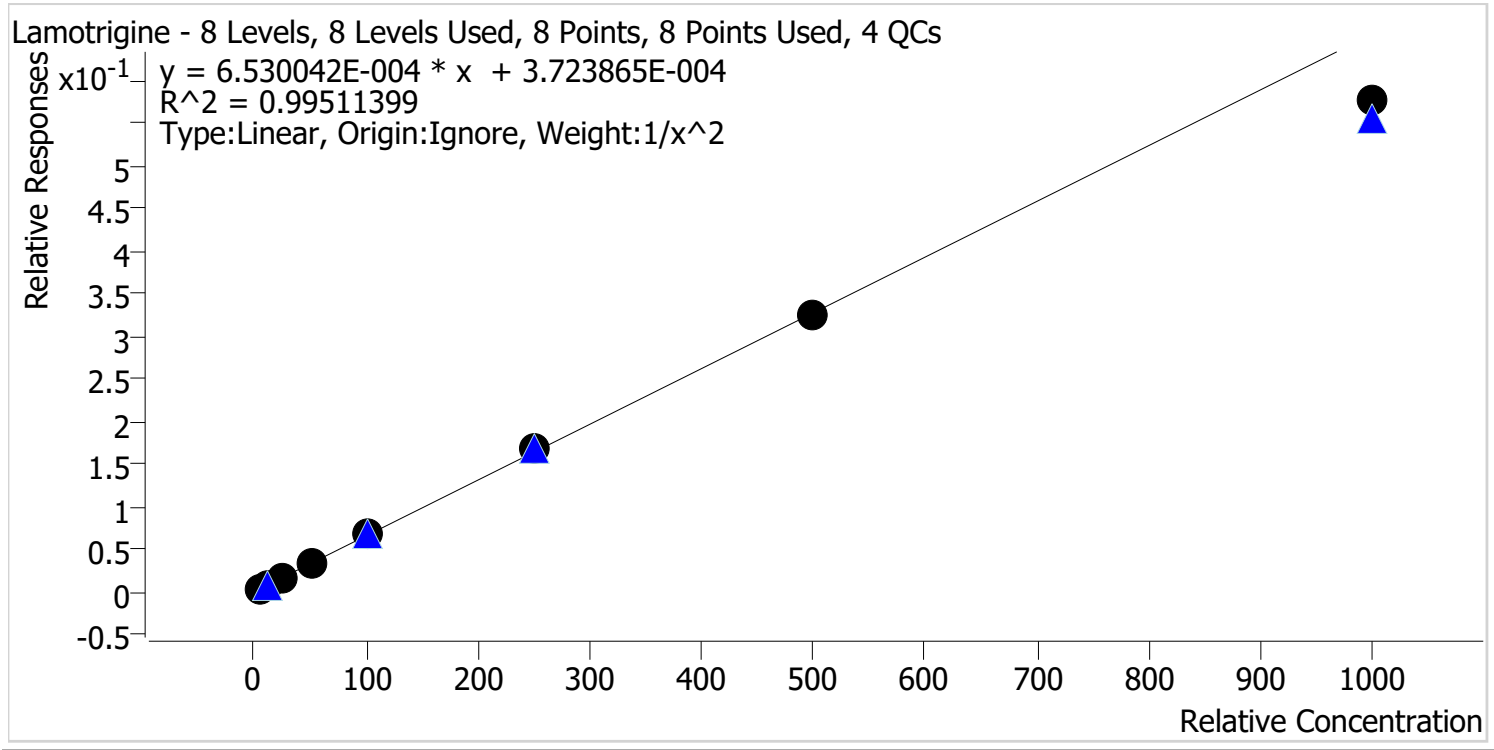
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng	7	✓	500.0	445.5	89.1
p1 Cal 8-1000ng	8	✗	1000.0	758.2	75.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



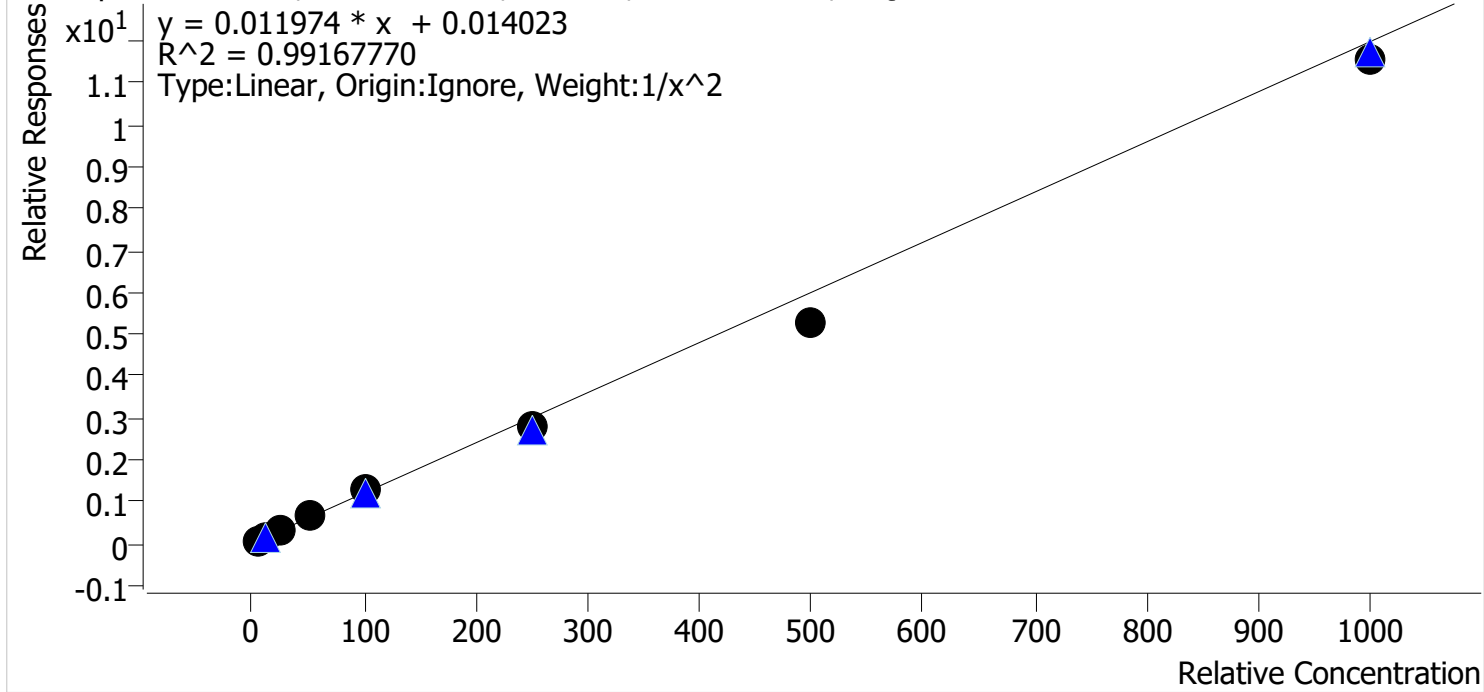
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.2	104.3
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	880.8	88.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.1	108.1
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	232.8	93.1
p1 Cal 7-500ng	7	✓	500.0	439.1	87.8
p1 Cal 8-1000ng	8	✓	1000.0	965.6	96.6

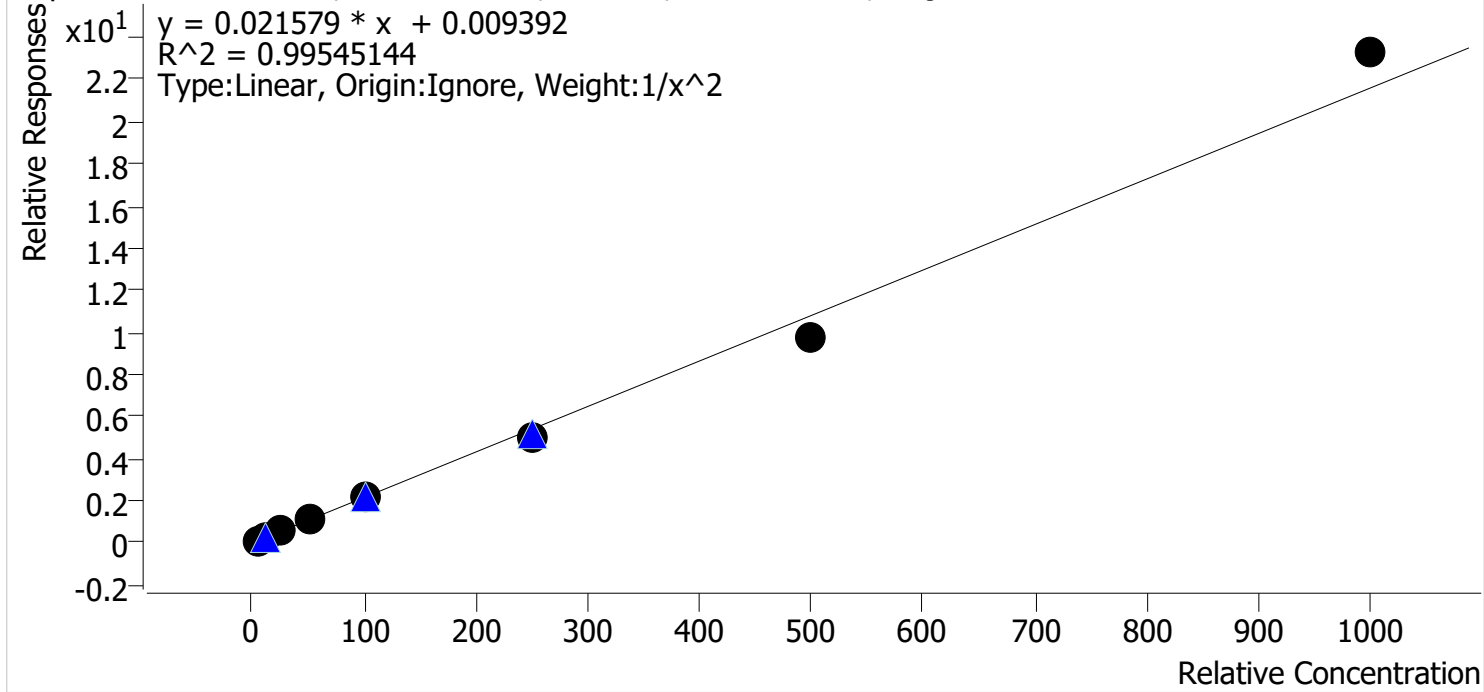
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



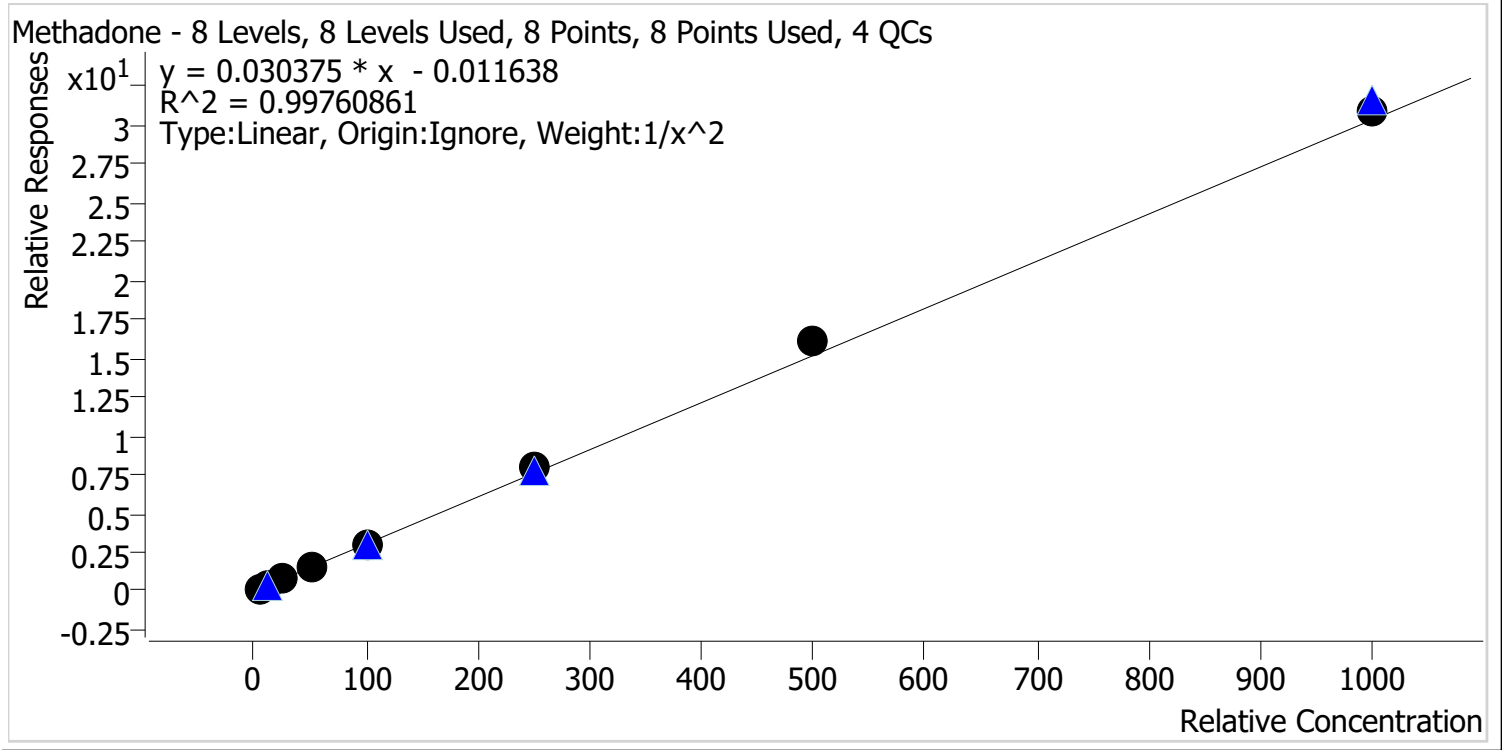
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	233.3	93.3
p1 Cal 7-500ng	7	✓	500.0	455.5	91.1
p1 Cal 8-1000ng	8	✓	1000.0	1078.0	107.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9



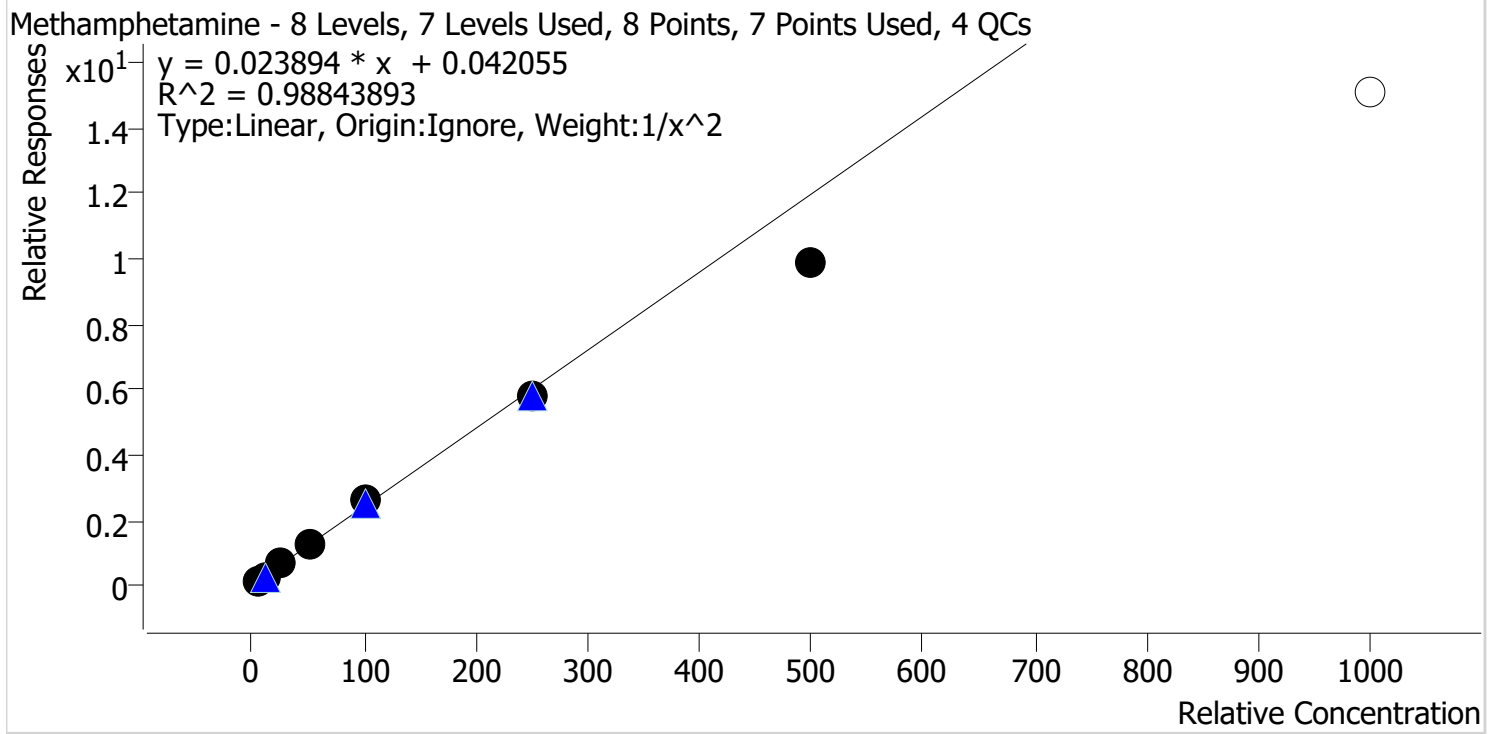
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	261.0	104.4
p1 Cal 7-500ng	7	✓	500.0	531.2	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1017.5	101.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

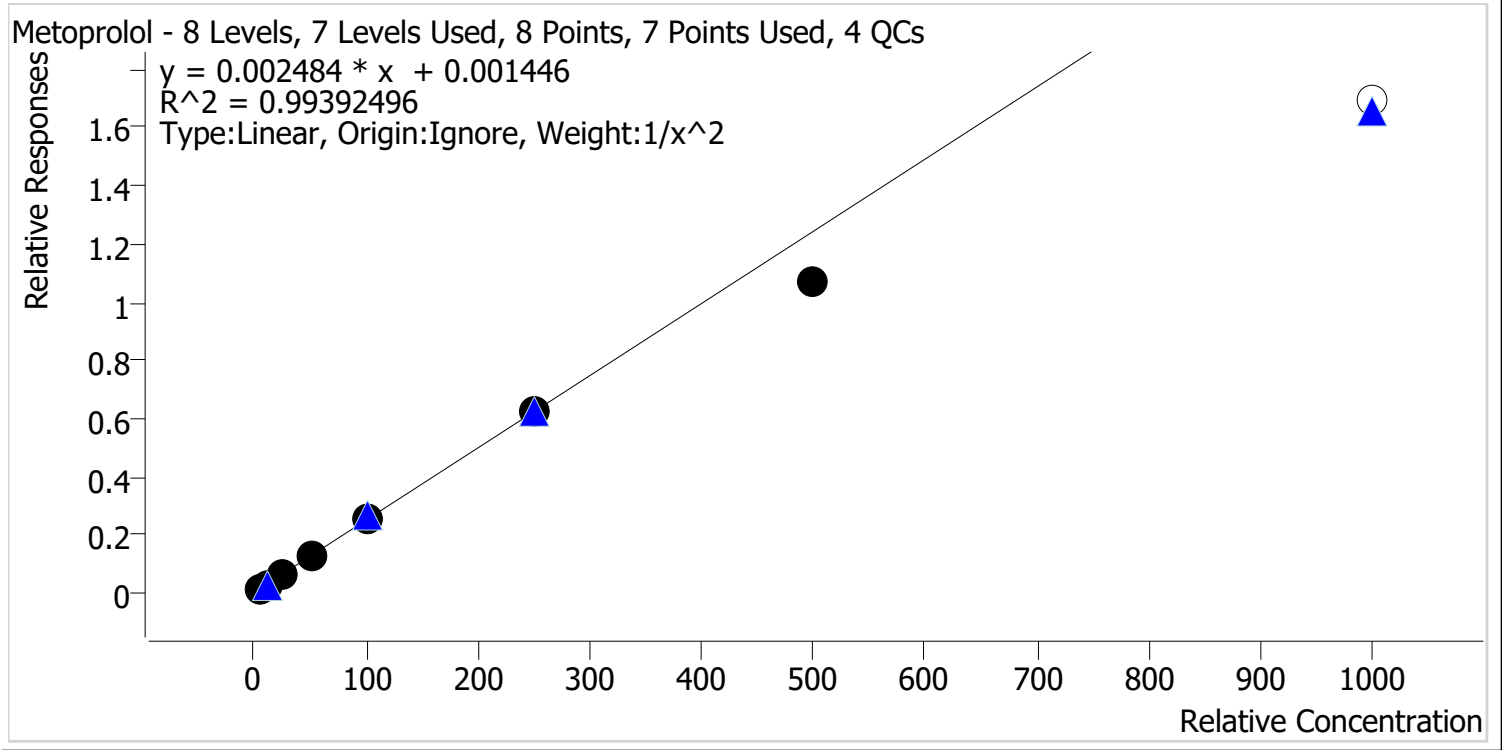


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	241.4	96.6
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	✗	1000.0	629.9	63.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

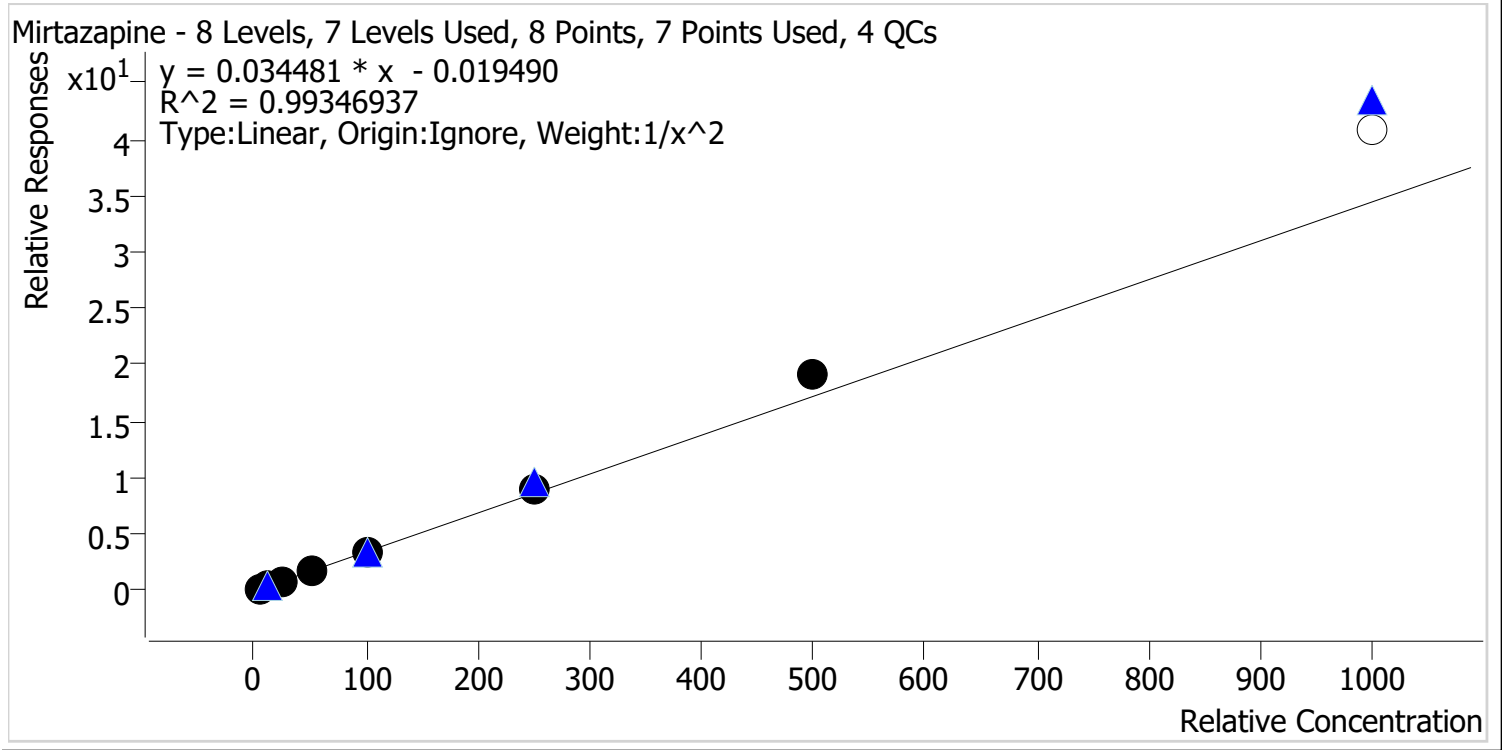


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	432.2	86.4
p1 Cal 8-1000ng	8	✗	1000.0	681.1	68.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

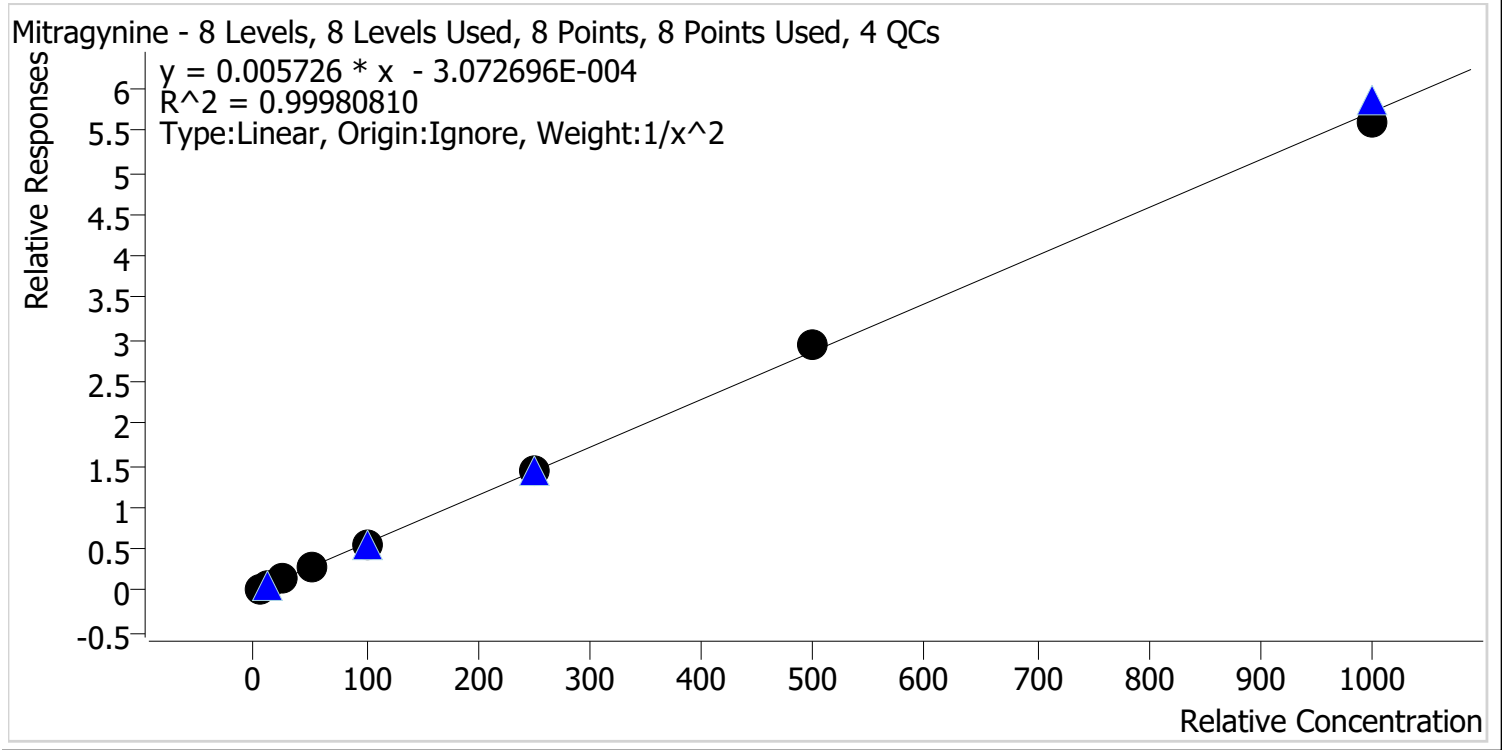


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	261.5	104.6
p1 Cal 7-500ng	7	✓	500.0	555.7	111.1
p1 Cal 8-1000ng	8	✗	1000.0	1182.2	118.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



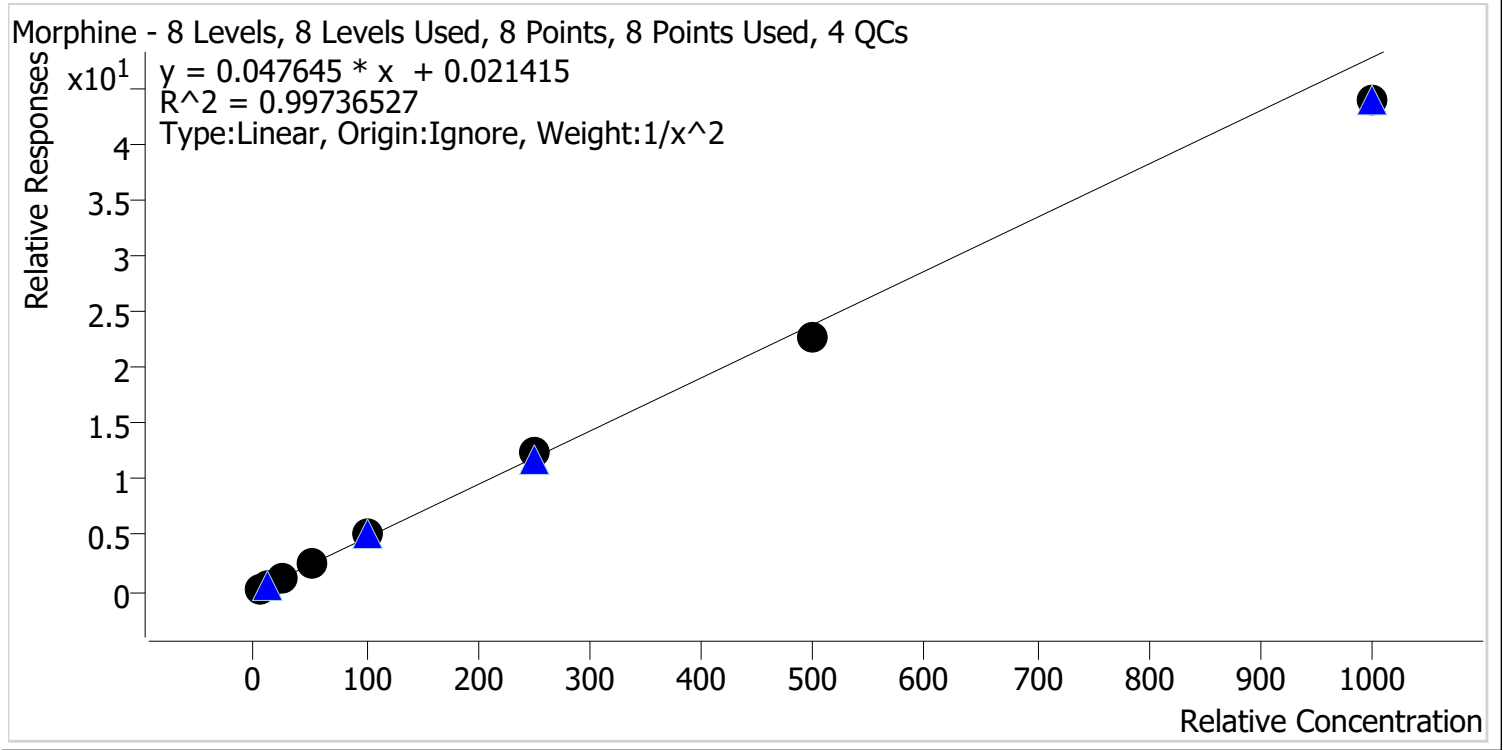
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	252.6	101.0
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	981.7	98.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	257.8	103.1
p1 Cal 7-500ng	7	✓	500.0	477.1	95.4
p1 Cal 8-1000ng	8	✓	1000.0	919.0	91.9

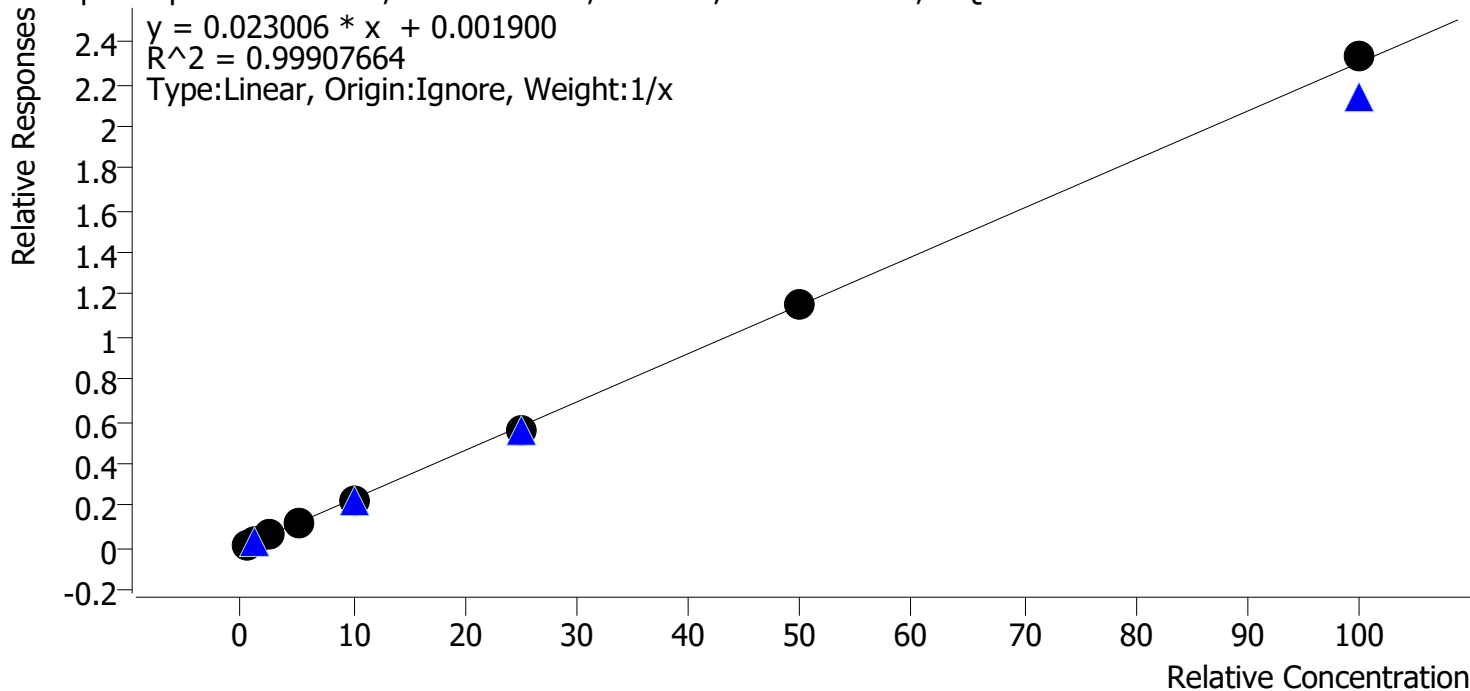
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



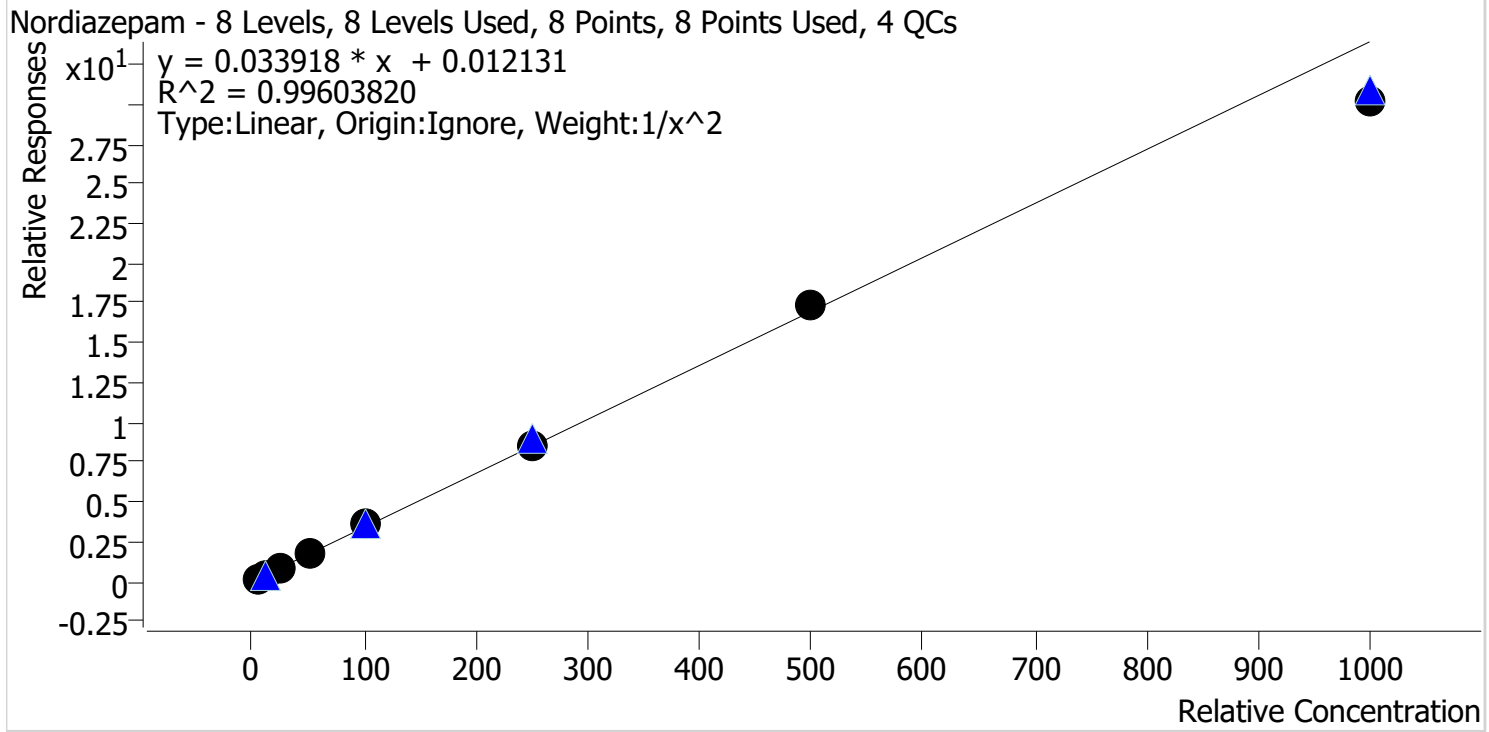
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	109.9
p1 Cal 2-10ng	2	✓	1.0	0.9	88.3
p1 Cal 3 -25ng	3	✓	2.5	2.8	111.7
p1 Cal 4-50ng	4	✓	5.0	5.0	99.3
p1 Cal 5-100ng	5	✓	10.0	9.3	93.3
p1 Cal 6-250ng	6	✓	25.0	23.9	95.6
p1 Cal 7-500ng	7	✓	50.0	50.3	100.6
p1 Cal 8-1000ng	8	✓	100.0	101.3	101.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



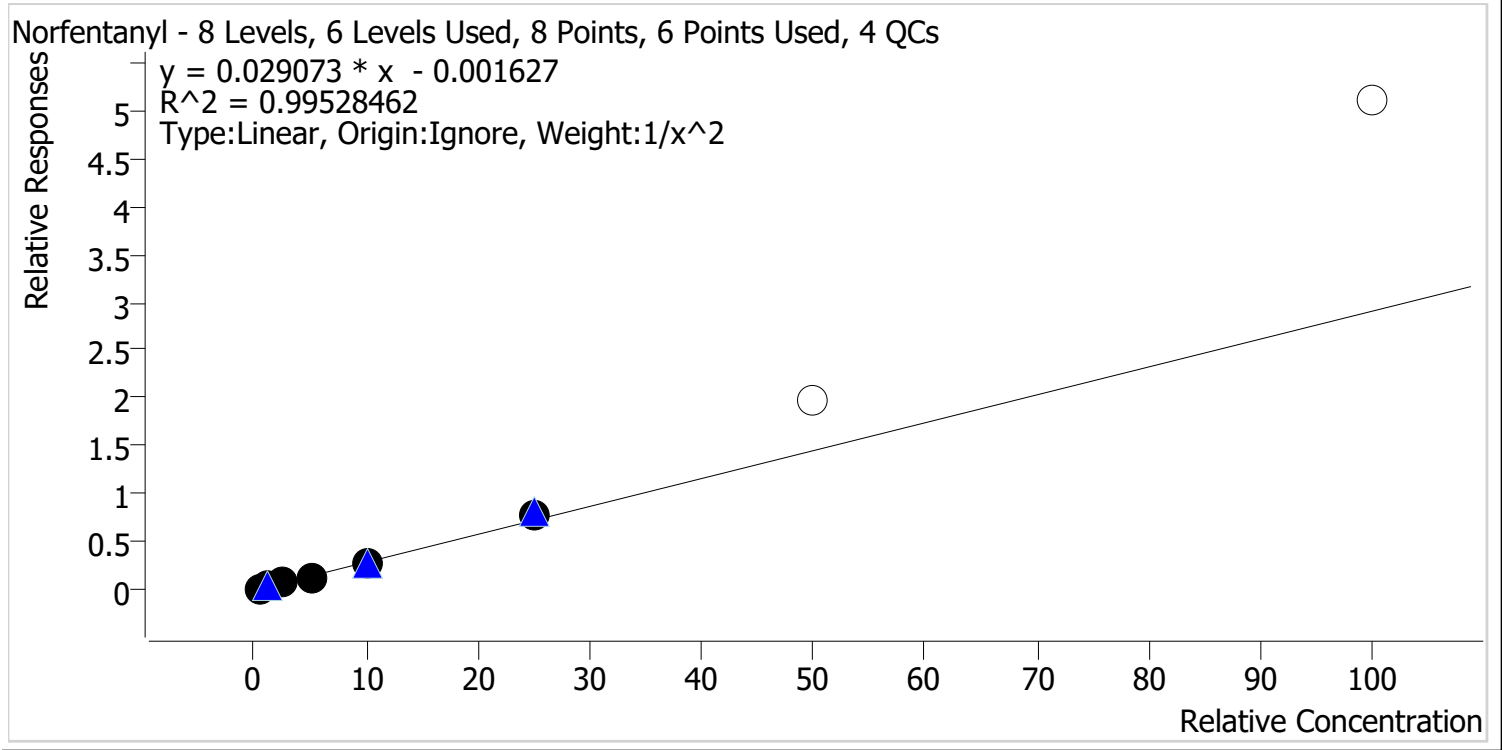
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.0
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	510.0	102.0
p1 Cal 8-1000ng	8	✓	1000.0	891.6	89.2

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datator
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

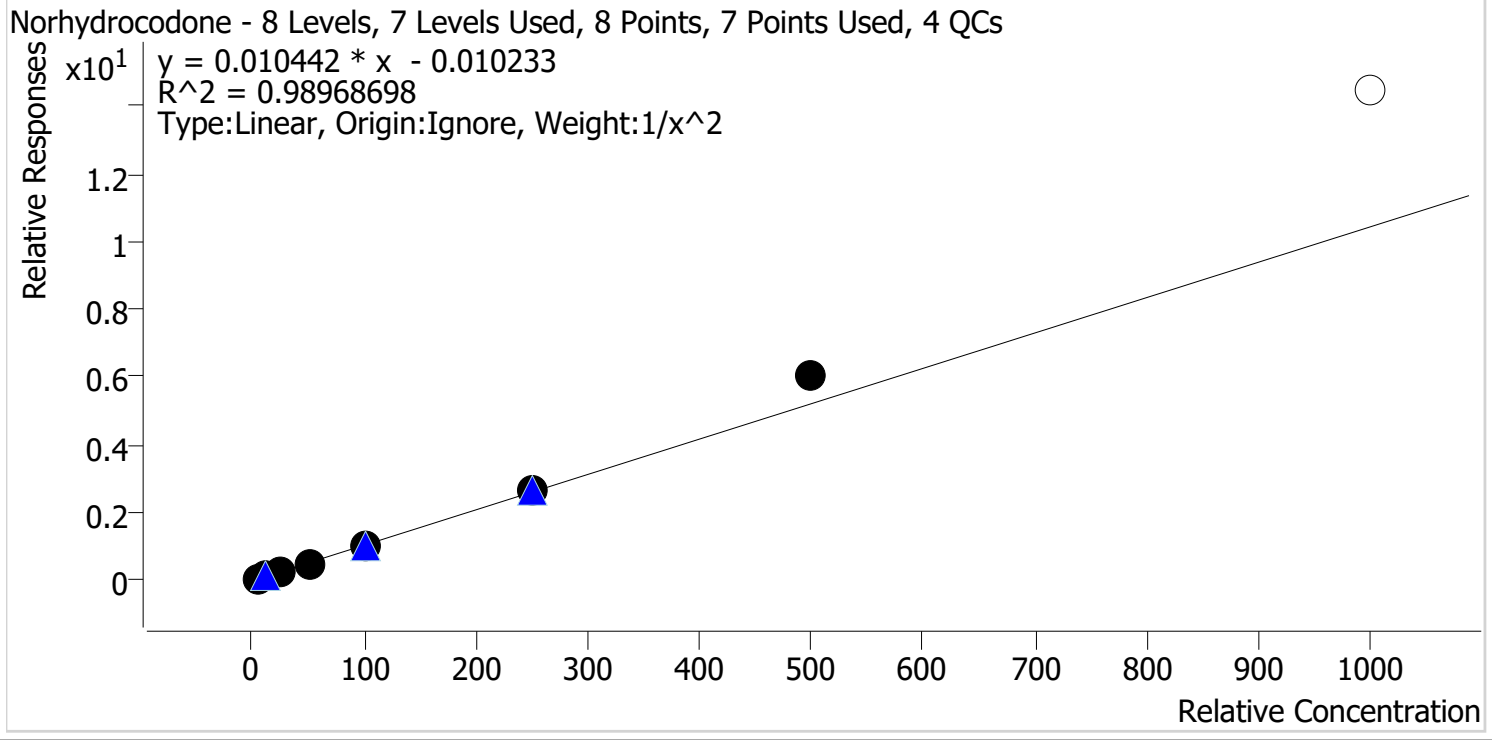


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.5
p1 Cal 2-10ng	2	✓	1.0	1.0	97.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.2
p1 Cal 4-50ng	4	✓	5.0	4.8	95.6
p1 Cal 5-100ng	5	✓	10.0	10.0	100.2
p1 Cal 6-250ng	6	✓	25.0	27.4	109.7
p1 Cal 7-500ng	7	x	50.0	68.2	136.4
p1 Cal 8-1000ng	8	x	100.0	175.5	175.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

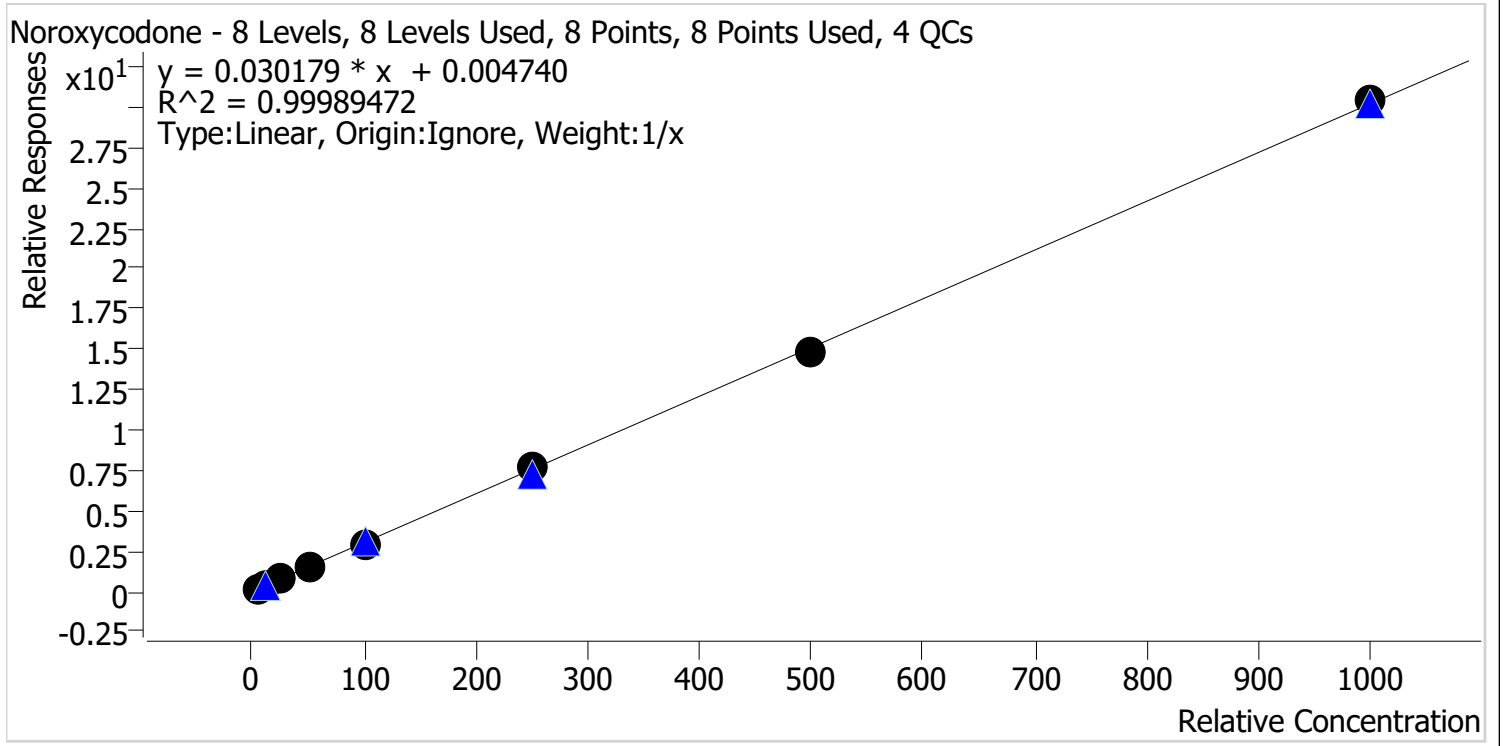


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	22.0	88.2
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	575.0	115.0
p1 Cal 8-1000ng	8	✗	1000.0	1385.3	138.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



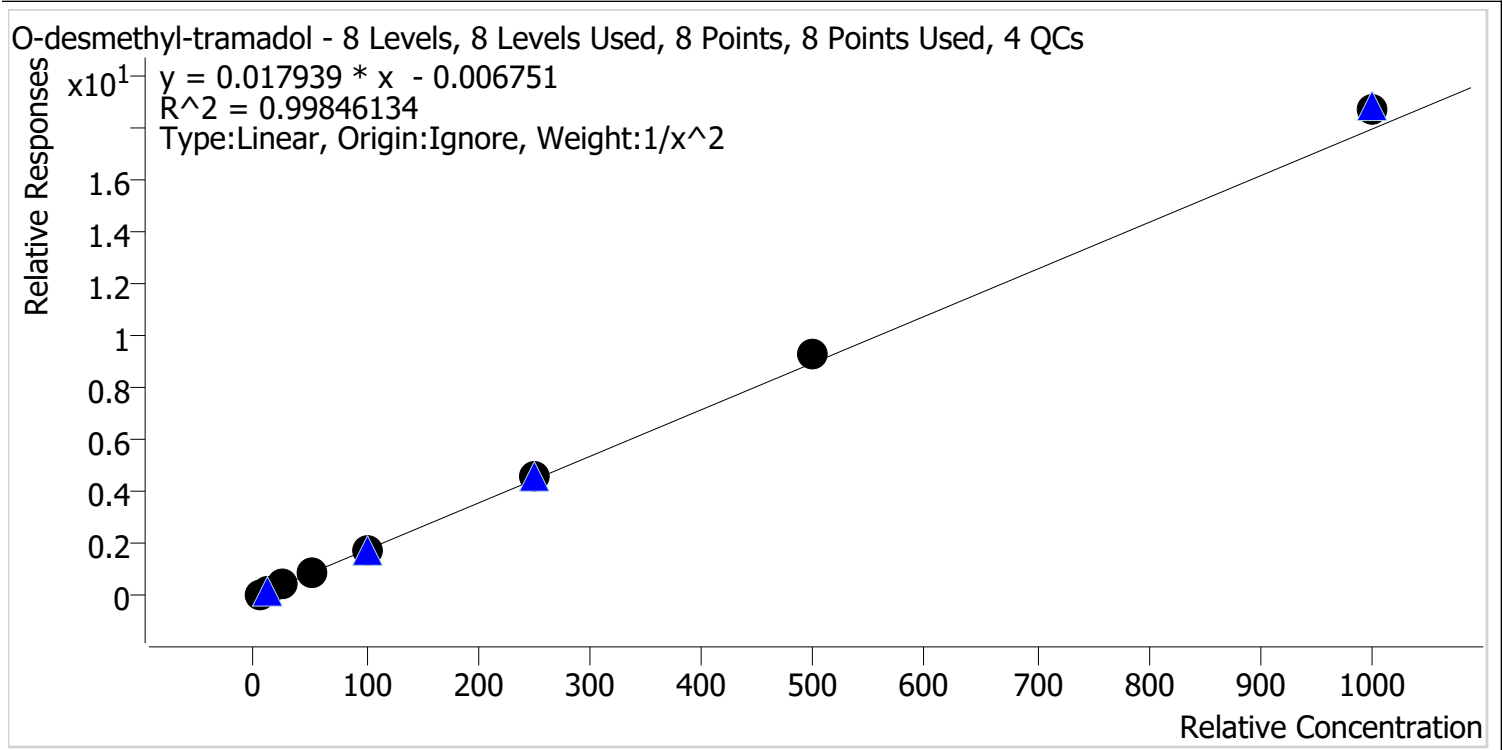
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	251.9	100.7
p1 Cal 7-500ng	7	✓	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1006.6	100.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1038.4	103.8

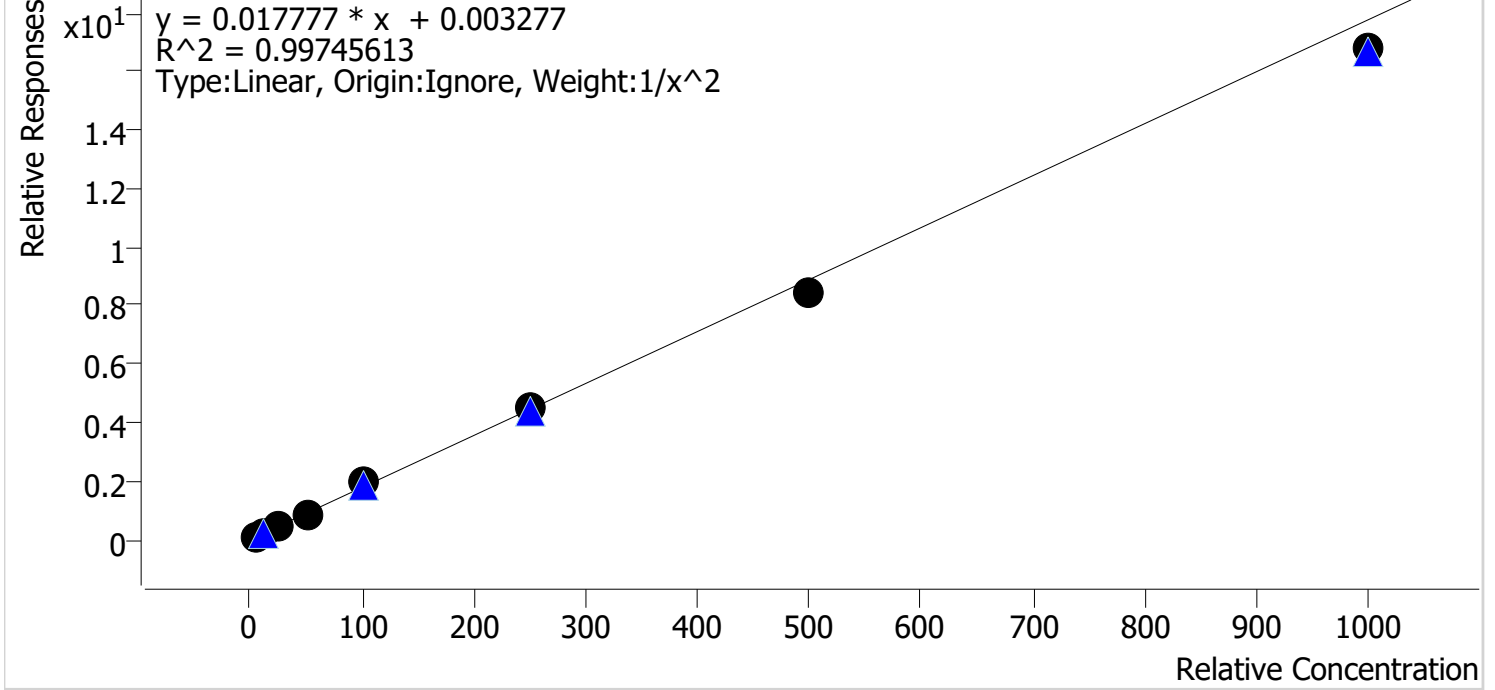


cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



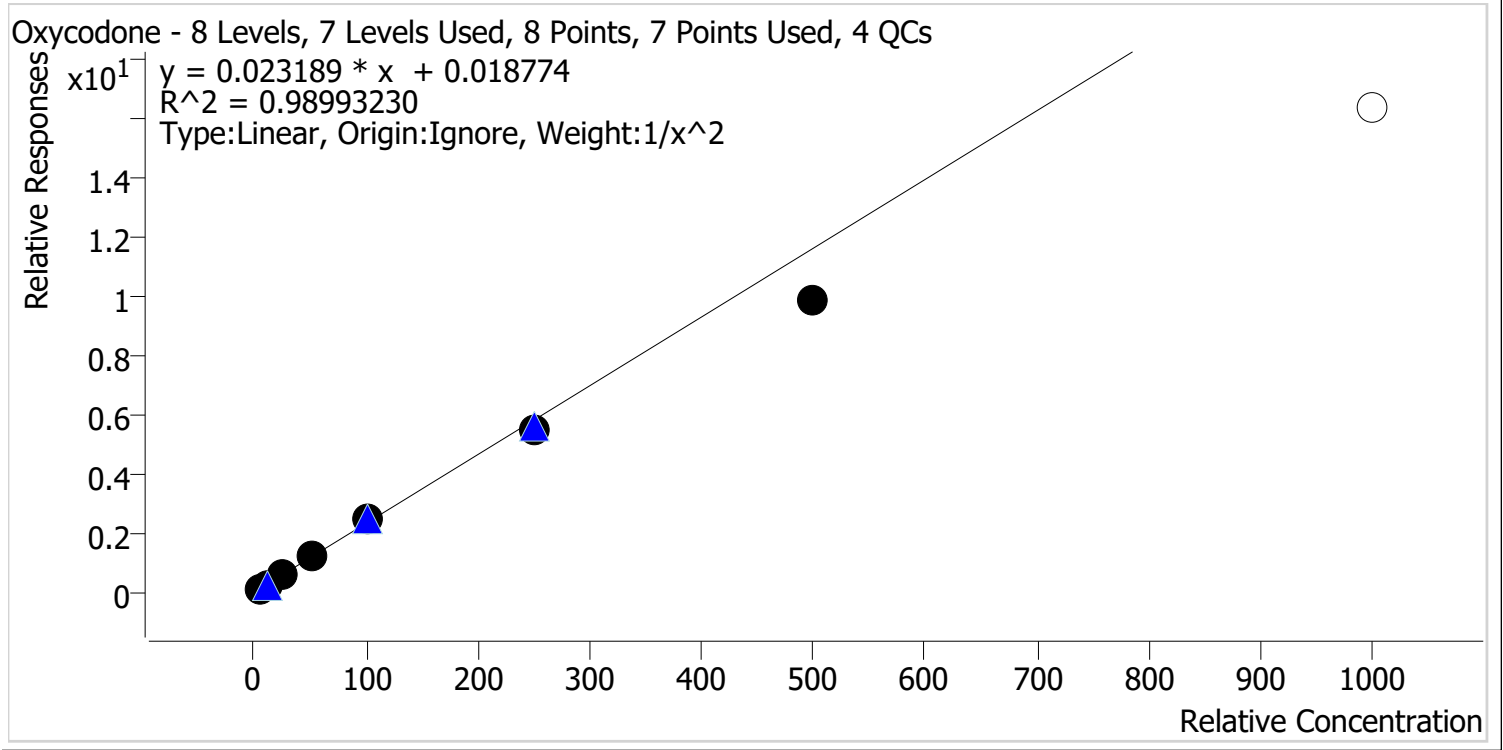
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	476.4	95.3
p1 Cal 8-1000ng	8	✓	1000.0	944.6	94.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



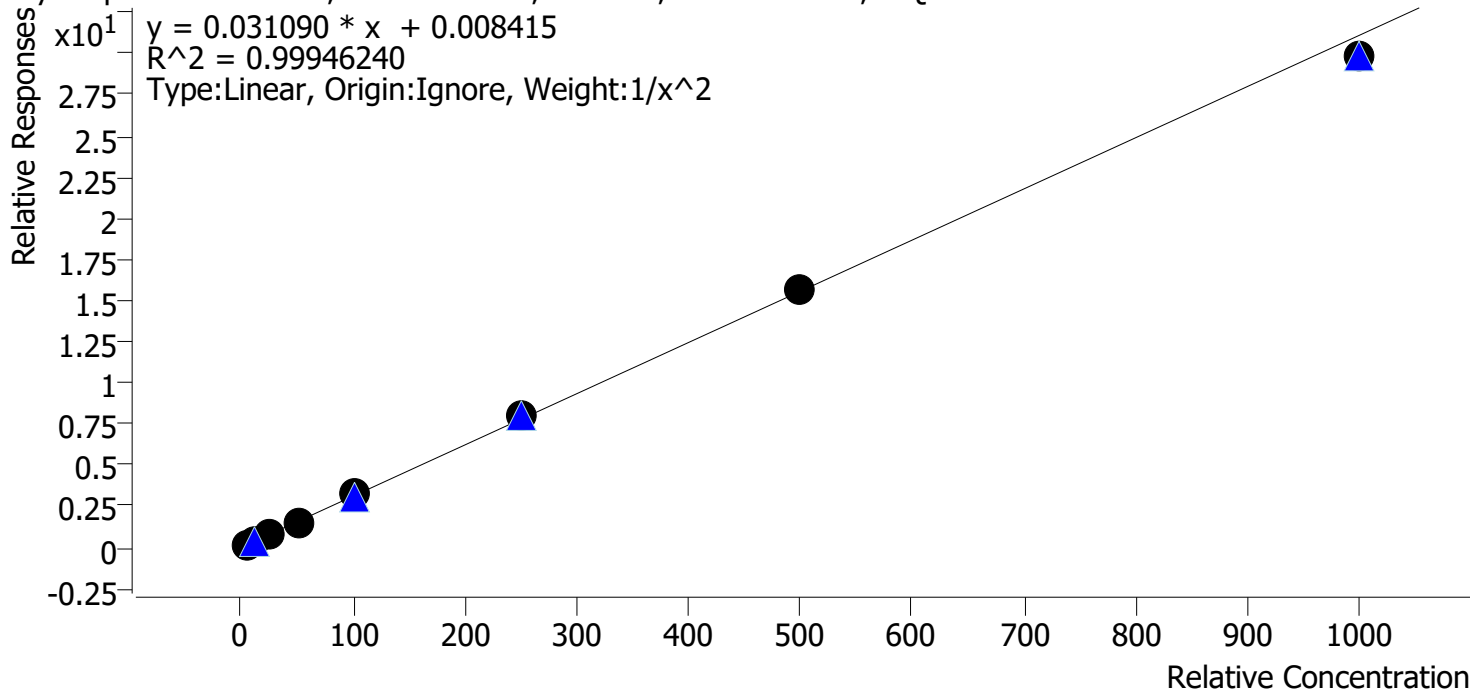
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	234.2	93.7
p1 Cal 7-500ng	7	✓	500.0	426.9	85.4
p1 Cal 8-1000ng	8	✗	1000.0	706.7	70.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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

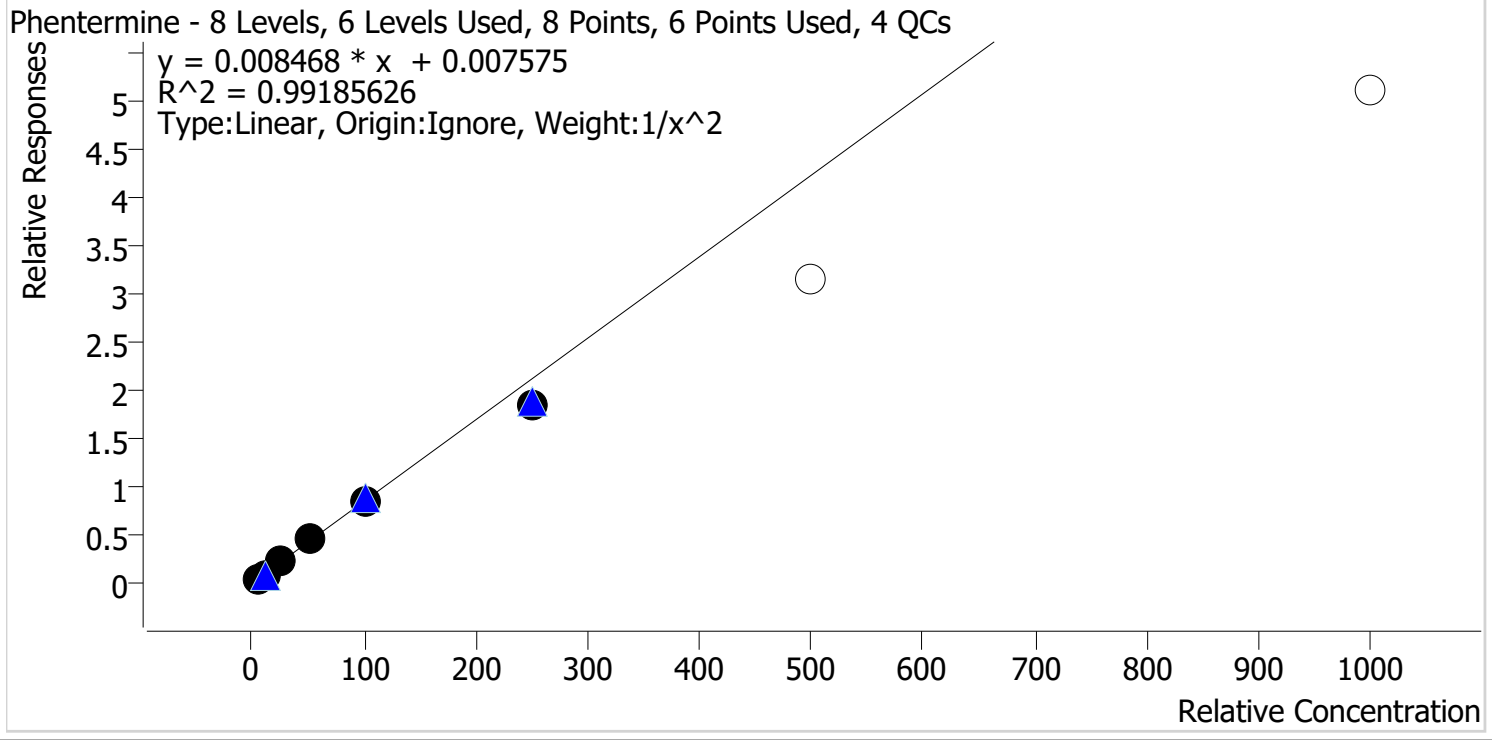


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.8
p1 Cal 4-50ng	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	956.8	95.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



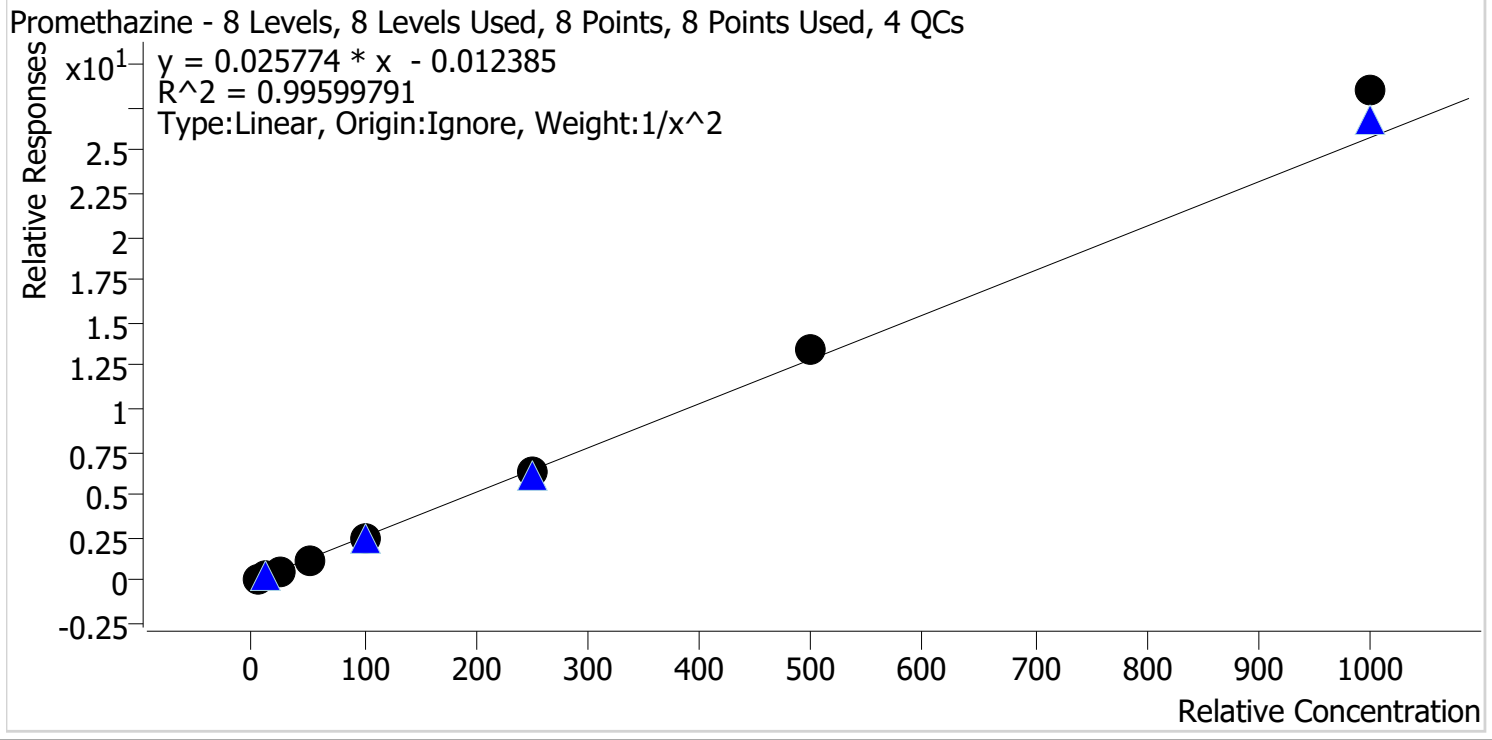
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	217.2	86.9
p1 Cal 7-500ng	7	x	500.0	373.3	74.7
p1 Cal 8-1000ng	8	x	1000.0	603.8	60.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



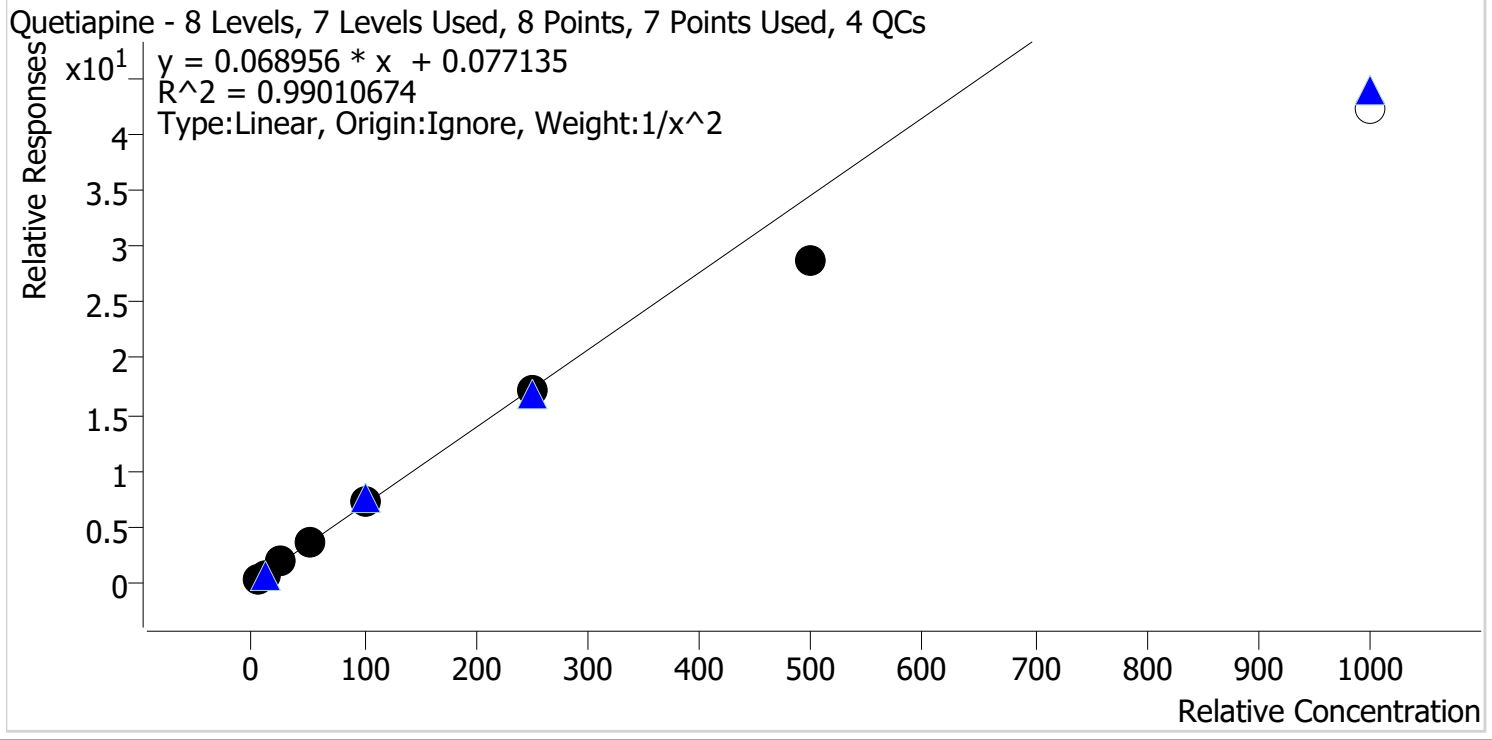
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.7
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	518.2	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1105.9	110.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



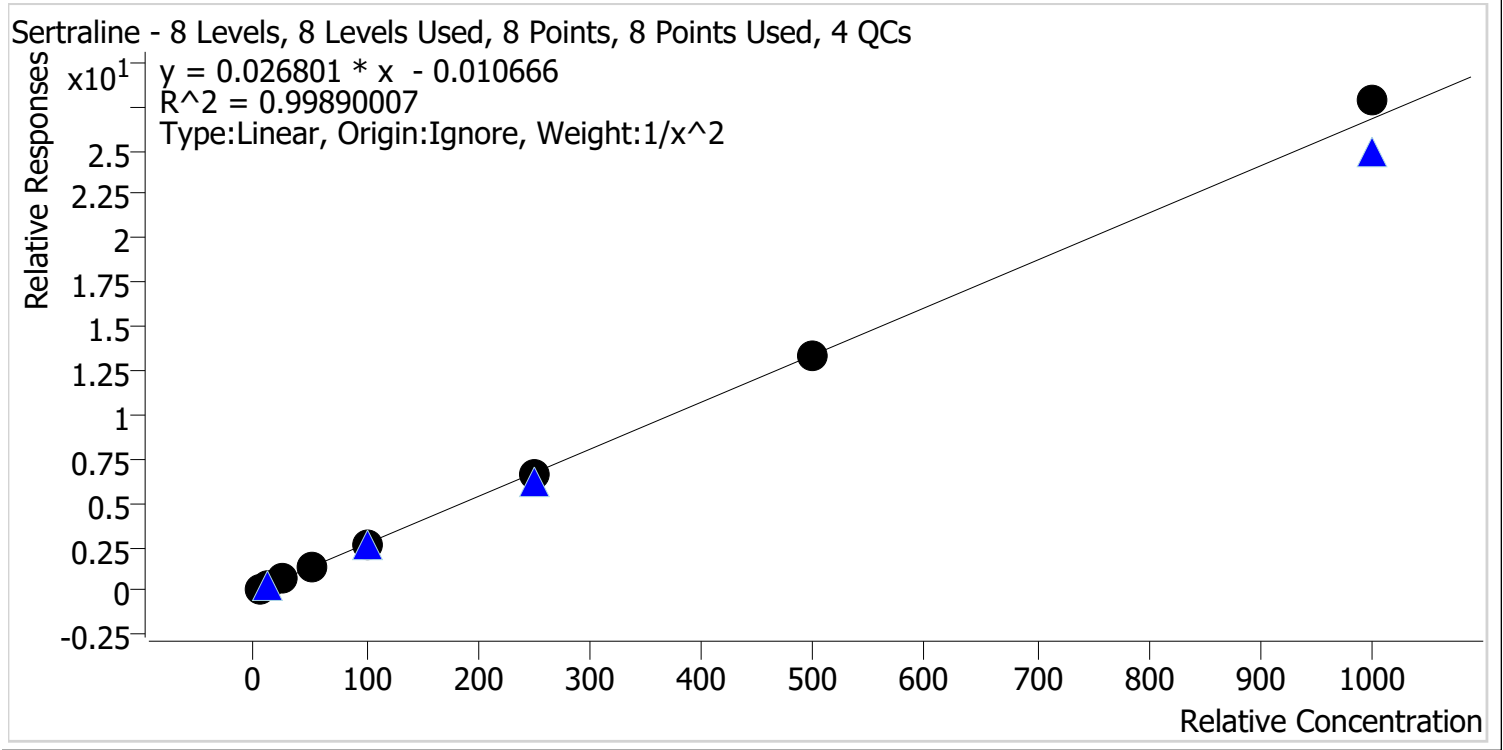
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	417.3	83.5
p1 Cal 8-1000ng	8	✗	1000.0	610.9	61.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



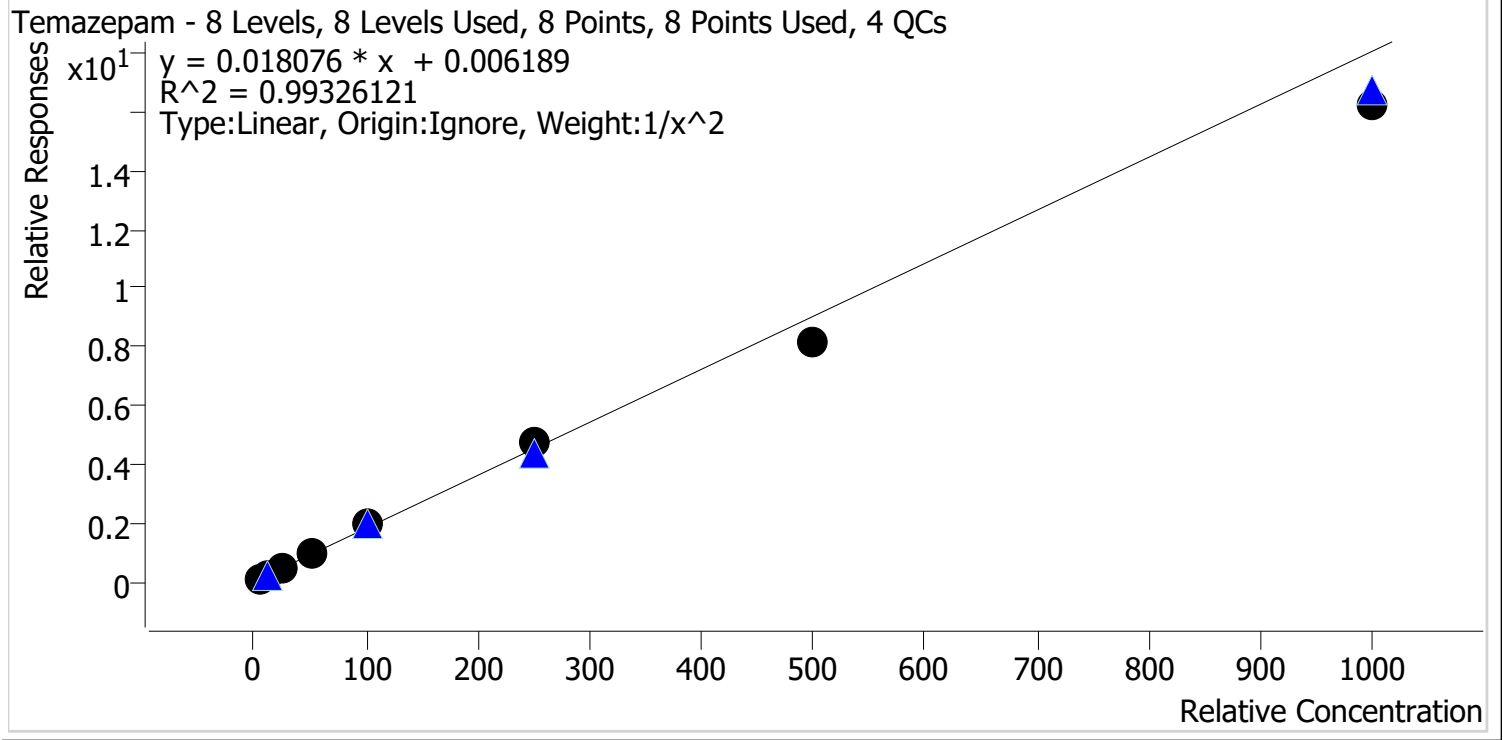
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	496.7	99.3
p1 Cal 8-1000ng	8	✓	1000.0	1038.3	103.8

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



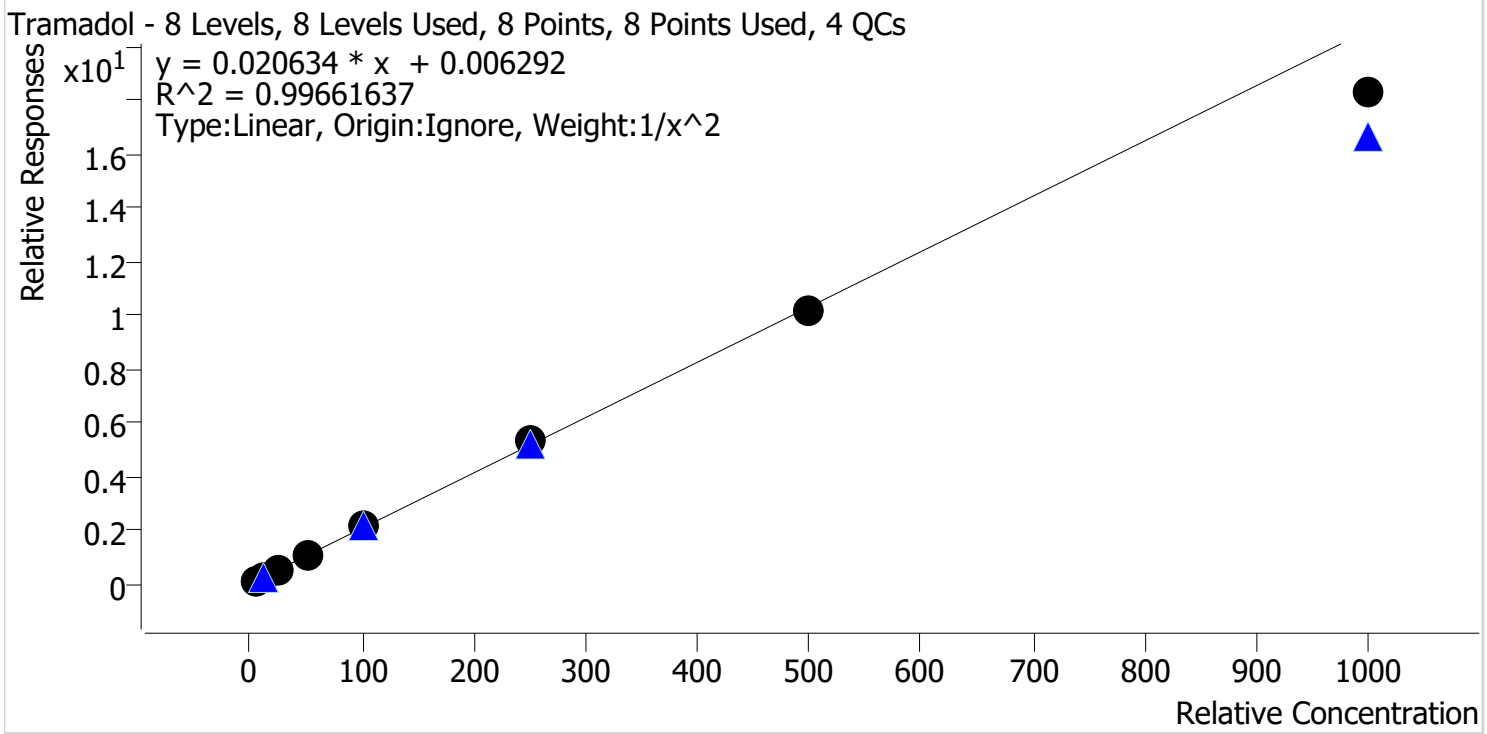
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.3
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	260.3	104.1
p1 Cal 7-500ng	7	✓	500.0	450.2	90.0
p1 Cal 8-1000ng	8	✓	1000.0	896.0	89.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



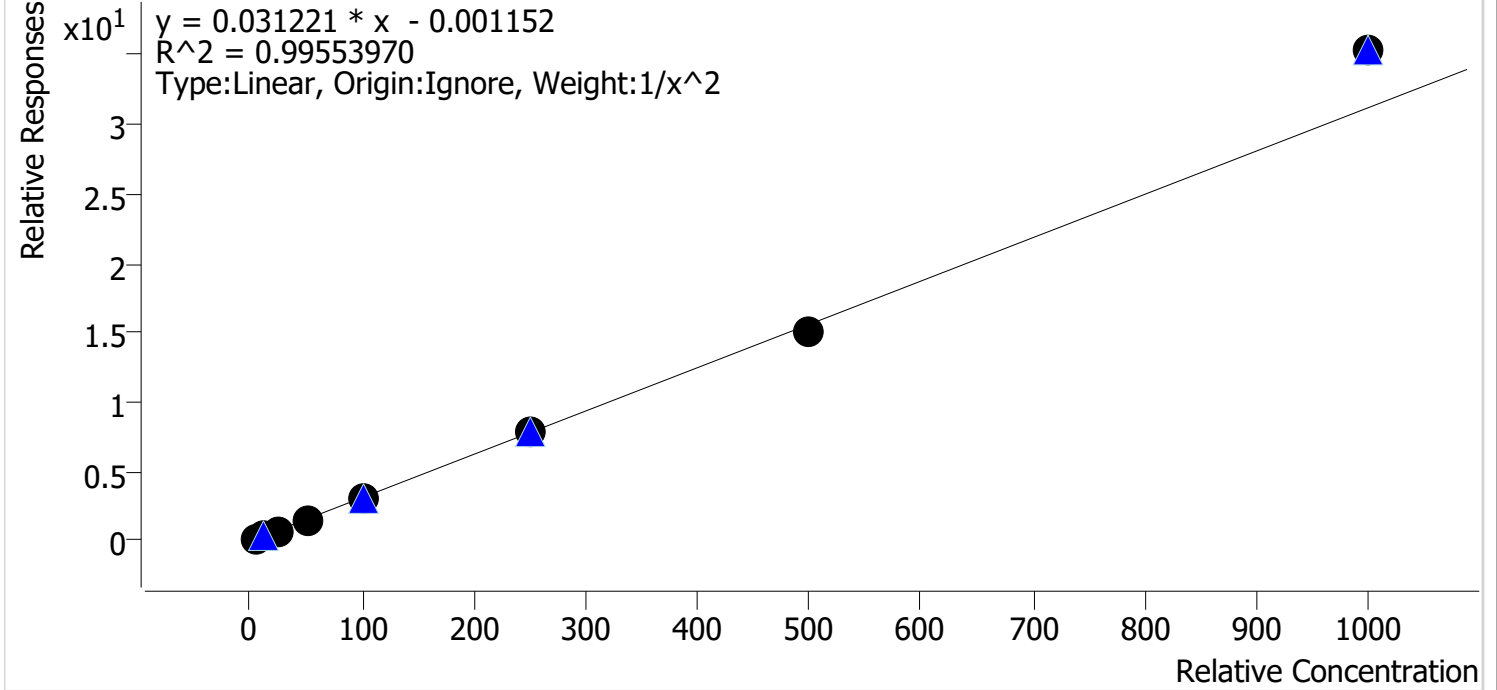
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	260.2	104.1
p1 Cal 7-500ng	7	✓	500.0	494.8	99.0
p1 Cal 8-1000ng	8	✓	1000.0	887.5	88.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



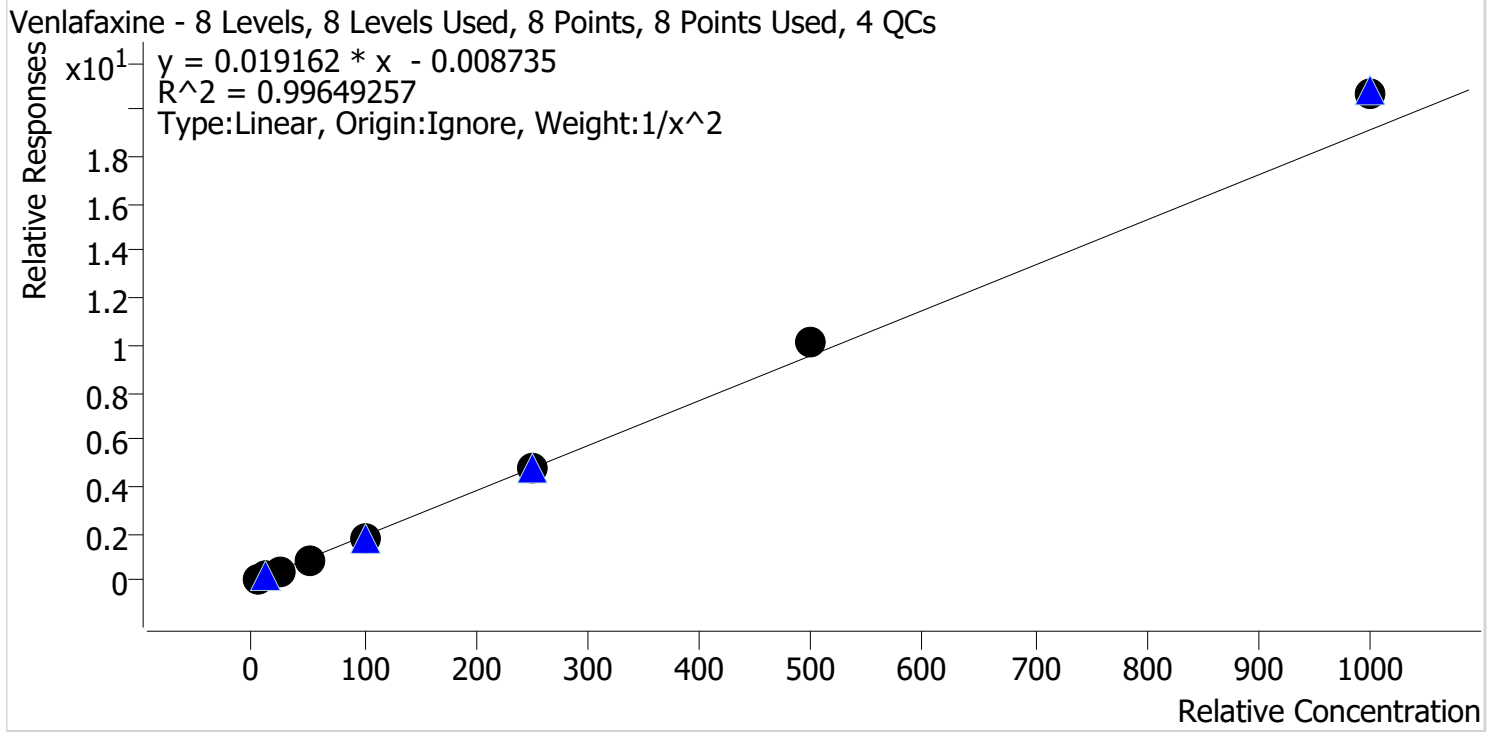
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	47.3	94.7
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1131.9	113.2



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



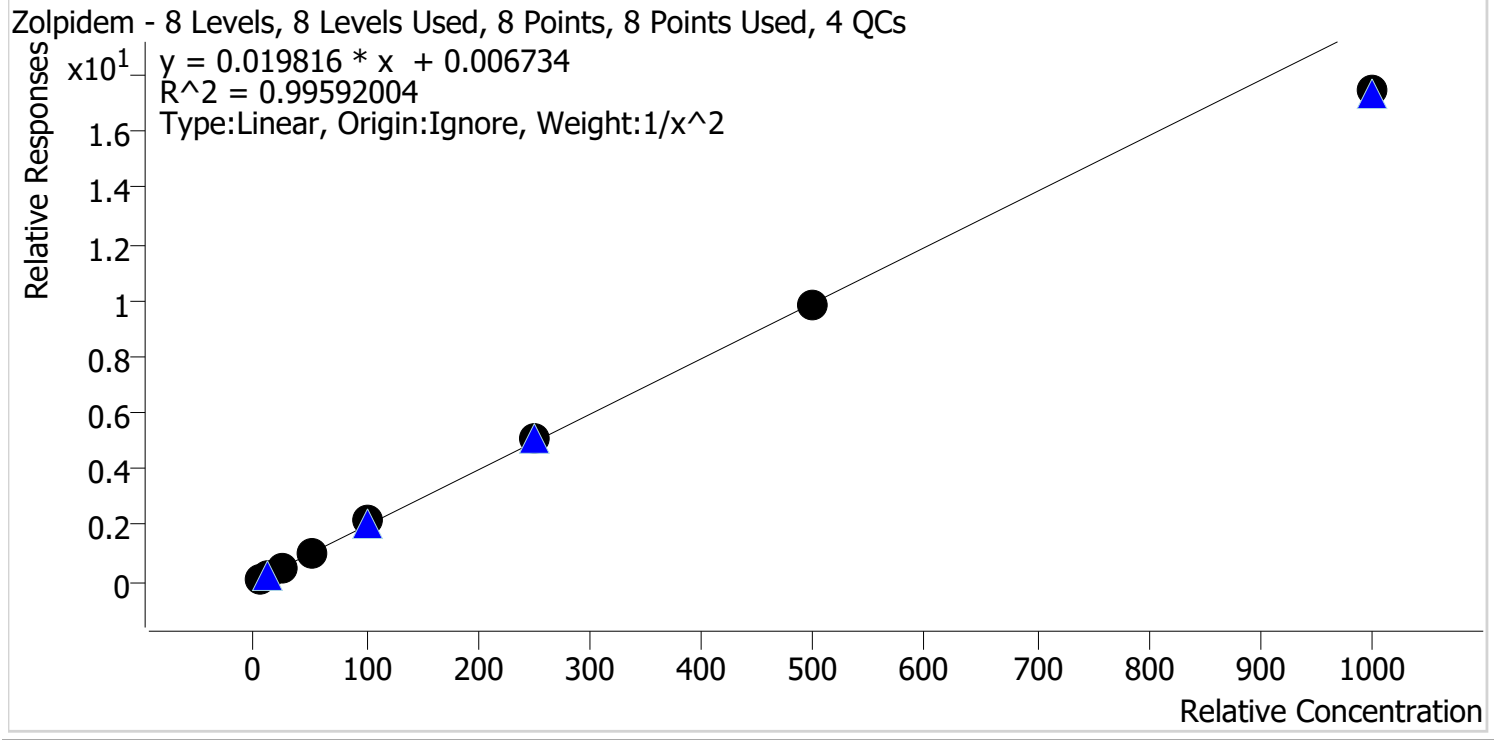
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	526.8	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1081.1	108.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/11/2023 8:38 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	253.6	101.5
p1 Cal 7-500ng	7	✓	500.0	496.5	99.3
p1 Cal 8-1000ng	8	✓	1000.0	881.4	88.1



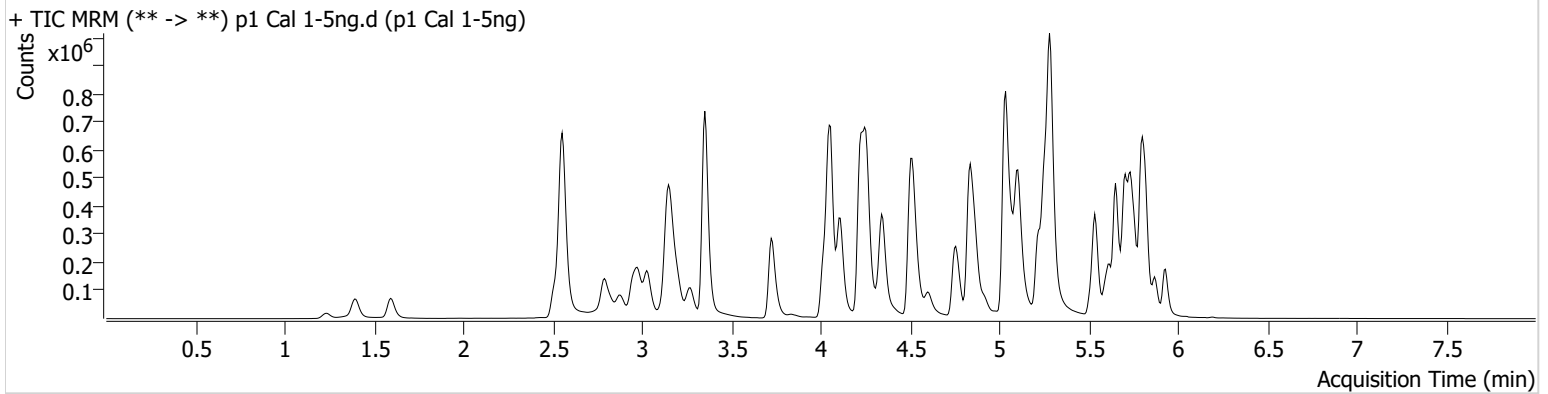
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 7/8/2023 1:18:46 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	1632	13868.96	76.8	137.02	82690	0.5196 ng/ml
7-aminoclonazepam	4.244	8656	73.60	76.1	∞	72321	4.9515 ng/ml
a-hydroxyalprazolam	5.682	12947	382.62	73.6	6643.17	1042022	4.6490 ng/ml
alpha-PHP	4.921	27532	1880.59	258.8	3173.92	702138	5.1165 ng/ml
alpha-PVP	4.350	96472	1808.24	51.2	∞	702138	5.1475 ng/ml
Alprazolam	5.759	52242	1752.19	107.0	466.59	243579	5.0506 ng/ml
Amphetamine	3.030	177085	2351.07	46.8	957.32	384729	4.8857 ng/ml
Benzoylcegonine	3.864	2696	84.83	9.5	54.73	16731	4.9712 ng/ml
Buprenorphine	5.714	2102	148.41	8.8 Low	187.37	115041	1.7350 ng/ml
Bupropion	4.771	102944	5876.04	62.4	166.81	608284	4.9995 ng/ml
Carisoprodol	5.714	58764	81144.14	54.5	247.55	521822	5.2042 ng/ml
Chlordiazepoxide	5.828	20843	2640.99	93.0	327.23	574574	4.6603 ng/ml
Chlorpheniramine	5.104	129095	883.89	0.3	6.84	1126899	5.4375 ng/ml
Citalopram	5.218	81631	8894.61	36.7	71.44	597951	5.1085 ng/ml
Clonazepam	5.601	54818	64311.34	35.6	492.75	140822	4.8433 ng/ml
Clonazolam	5.545	32107	49706.76	37.3	24841.27	140822	4.6396 ng/ml
Cocaine	4.257	72433	626.46	53.6	1900.12	1136776	5.0761 ng/ml
Codeine	2.566	9070	75.58	106.1	1035.77	69957	4.7680 ng/ml
Cyclobenzaprine	5.618	30266	269.79	9.0	54.27	257333	5.0794 ng/ml
Dextromethorphan	5.262	39465	2004.77	79.6	532.20	322915	4.9850 ng/ml
Dextrorphan	4.111	31256	291319.80	215.0	110468.42	708156	5.0861 ng/ml
Diazepam	5.931	37502	987.56	94.7	441.60	273327	4.9634 ng/ml
Dihydrocodeine	2.545	23617	6070.90	62.3	145.03	287088	4.7844 ng/ml
Diphenhydramine	5.290	223820	722.07	30.1	∞	1887276	5.1508 ng/ml
DMT	2.838	8988	411.05	95.8	159.51	322915	4.9024 ng/ml
Doxylamine	4.525	190789	2288.16	100.4	9210.89	1596121	5.0087 ng/ml
Duloxetine	5.644	1879	1374.67	19.3 High	565.73	18845	4.8177 ng/ml
EDDP	5.255	82736	210.42	42.6	123.80	802376	5.0613 ng/ml
Etizolam	5.797	25387	55740.71	29.1	13135.08	140822	5.1194 ng/ml
Fentanyl	5.081	4908	53.60	62.1	426.96	419028	0.4991 ng/ml
Flualprazolam	5.688	18998	540.50	105.0	2493.43	243579	4.7613 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.135	9803	94.83	42.8	7345.02	3024	0.5294 ng/ml
Fluoxetine	5.704	22917	50669.70	8.5	1510.13	170978	5.1305 ng/ml
Hydrocodone	3.006	36864	146.15	34.2	34.13	360881	4.7231 ng/ml
Hydromorphone	1.602	31604	9027.33	74.8	18967.79	179415	5.0509 ng/ml
Hydroxyzine	5.694	53489	1289.38	72.7	1628.53	322915	5.2267 ng/ml
Ketamine	4.030	80077	1975.47	37.1	723.72	502443	4.8350 ng/ml
Lamotrigine	4.267	6008	109.09	83.9	69.70	1632764	5.0643 ng/ml
Lorazepam	5.737	45101	663.67	53.8	87.33	638861	4.7244 ng/ml
MDA	3.178	125840	1215.69	28.4	348.84	576492	4.7729 ng/ml
MDMA	3.278	63480	7868.33	92.0	558.48	152267	4.9576 ng/ml
Meprobamate	4.895	39383	2675.58	26.4	513.20	343668	4.8753 ng/ml
Methadone	5.649	113013	512.75	50.9	529.20	789897	5.0934 ng/ml
Methamphetamine	3.205	150247	527.22	37.2	848.28	963512	4.7662 ng/ml
Metoprolol	4.320	18222	1357.99	96.4	412.36	1348678	4.8570 ng/ml
Mirtazapine	4.607	113070	2161.62	48.1	4277.18	702138	5.2355 ng/ml
Mitragynine	5.216	22431	1600.16	35.1	6669.38	789897	5.0131 ng/ml
Morphine	1.240	5412	2774.03	26.2	839.02	21064	4.9434 ng/ml
Norbuprenorphine	4.984	330	12.62	87.9	462.20	22691	0.5496 ng/ml
Nordiazepam	5.877	33588	293.02	56.8	275.68	190359	4.8444 ng/ml
Norfentanyl	4.071	15556	858.42	35.4	60.19	1172440	0.5124 ng/ml
Norhydrocodone	3.054	5653	221.98	39.7	95.31	126694	5.2529 ng/ml
Noroxycodone	2.897	33942	284.23	51.7	137.20	212902	5.1257 ng/ml
O-desmethyl-tramadol	3.359	144307	23798.67	6.5	295.88	1710805	5.0783 ng/ml
o-desmethylvenlafaxine	4.056	212171	10376.93	18.5	125.42	319733	5.1898 ng/ml
Olanzapine	4.407	12666	127.43	54.4	218.86	58675	5.2039 ng/ml
Oxazepam	5.740	58354	98.83	74.5	200.34	638861	4.9537 ng/ml
Oxycodone	2.822	59694	395.61	30.8	231.48	458719	4.8021 ng/ml
Oxymorphone	1.398	31931	395.39	49.9	628.73	194494	5.0100 ng/ml
Phentermine	3.760	37888	136.57	6.0	28.94	778118	4.8555 ng/ml
Promethazine	5.535	65384	918.33	29.4	164.44	541965	5.1612 ng/ml
Pseudoephedrine	2.562	206209	549.21	16.7	3055.41	1632764	5.1432 ng/ml
Quetiapine	5.530	86876	206298.74	57.8	∞	212590	4.8077 ng/ml
Sertraline	5.773	7725	388.23	114.5	346.52	63995	4.9019 ng/ml
Temazepam	5.800	96417	346.22	28.8	58.14	1042022	4.7764 ng/ml
Tramadol	4.232	145158	486.57	3.8	32.91	1348678	4.9113 ng/ml
Trazodone	5.080	77878	52577.35	60.7	118608.18	490577	5.1216 ng/ml
Venlafaxine	5.036	136172	6647.95	36.9	311.02	1509803	5.1627 ng/ml
Zolpidem	4.857	140145	47498.96	30.4	12989.80	1354777	4.8803 ng/ml



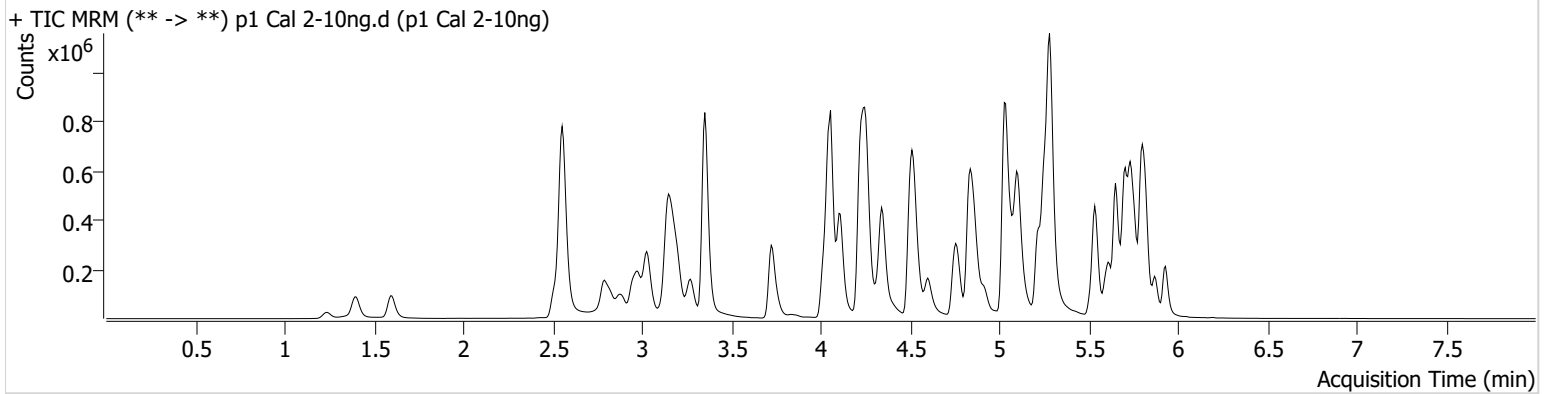
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B1 **Comment**
Injection Volume 2
Acq. Date-Time 7/8/2023 1:29:33 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3137	3673.68	79.3	2161.45	86842	0.9296 ng/ml
7-aminoclonazepam	4.244	17272	1075.01	83.1	24.48	78630	9.7634 ng/ml
a-hydroxyalprazolam	5.682	27107	145.52	74.2	426.19	1011547	10.8586 ng/ml
alpha-PHP	4.921	54797	1709.39	259.9	1918.98	743065	9.6990 ng/ml
alpha-PVP	4.350	194900	10662.51	52.8	249.67	743065	9.6198 ng/ml
Alprazolam	5.759	105397	571.10	110.1	1437.57	238227	9.9631 ng/ml
Amphetamine	3.030	358658	8094.08	47.4	1004.62	396917	10.3271 ng/ml
Benzoylcegonine	3.864	5519	191.61	8.5	38.15	17510	10.1528 ng/ml
Buprenorphine	5.714	3746	1086.62	15.6	742.17	114508	2.0439 ng/ml
Bupropion	4.771	205511	398.24	65.0	609.27	621635	9.9969 ng/ml
Carisoprodol	5.714	112906	13190.87	56.0	660.68	522622	9.5058 ng/ml
Chlordiazepoxide	5.828	43155	3295.37	96.5	582.92	563868	10.7209 ng/ml
Chlorpheniramine	5.104	262894	7958.61	0.3	14.80	1126185	10.3104 ng/ml
Citalopram	5.218	162954	6297.40	37.3	13584.64	602602	9.7683 ng/ml
Clonazepam	5.601	108261	236.85	37.1	51809.11	141638	10.2833 ng/ml
Clonazolam	5.545	68804	81788.54	36.9	24221.30	141638	11.0081 ng/ml
Cocaine	4.251	150930	589.47	52.0	384.71	1197608	9.9340 ng/ml
Codeine	2.566	20007	2382.69	102.7	1645.58	75034	10.6394 ng/ml
Cyclobenzaprine	5.618	58701	76606.43	10.0	78.48	243742	9.8835 ng/ml
Dextromethorphan	5.262	77987	300587.31	81.1	1059.22	313986	10.1533 ng/ml
Dextrorphan	4.111	66802	1605.15	211.2	883.87	740828	9.9181 ng/ml
Diazepam	5.931	75841	620.46	90.8	863.99	274647	10.0570 ng/ml
Dihydrocodeine	2.545	50644	513.56	61.1	623.04	298655	10.5819 ng/ml
Diphenhydramine	5.290	438258	44766.55	31.4	2878.61	1911952	9.6239 ng/ml
DMT	2.838	18343	404.85	96.9	315.54	313986	10.5223 ng/ml
Doxylamine	4.525	406117	1866.47	99.7	23610.84	1672329	9.9852 ng/ml
Duloxetine	5.644	3077	129.10	17.4	845.78	15121	9.9459 ng/ml
EDDP	5.255	170791	269.51	41.9	202305.19	813049	9.9869 ng/ml
Etizolam	5.797	52847	523.95	25.5	22932.51	141638	10.0535 ng/ml
Fentanyl	5.081	8613	143.86	62.5	19.50	393481	0.9991 ng/ml
Flualprazolam	5.688	39102	1487.30	101.3	3978.16	238227	10.7867 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.135	17819	261.05	40.2	1609.22	2829	0.9461 ng/ml
Fluoxetine	5.704	43536	35177.34	9.0	95.27	155220	9.9101 ng/ml
Hydrocodone	3.006	79825	∞	33.8	215.68	393770	10.5510 ng/ml
Hydromorphone	1.602	66026	1572.94	76.5	359253.15	192642	9.7763 ng/ml
Hydroxyzine	5.694	104352	3753.08	70.4	1036.43	313986	9.5897 ng/ml
Ketamine	4.030	167031	12511.27	36.4	202.02	519134	10.3670 ng/ml
Lamotrigine	4.260	11160	319.66	87.6	2335.65	1710614	9.4206 ng/ml
Lorazepam	5.737	93375	1848.55	54.0	114.21	662751	10.5948 ng/ml
MDA	3.178	257541	1828.00	28.9	1111.32	592804	10.5868 ng/ml
MDMA	3.278	132551	9734.41	90.1	2013.47	158193	10.0565 ng/ml
Meprobamate	4.888	82771	450.40	25.9	156.62	351550	10.4757 ng/ml
Methadone	5.649	224310	533.78	50.3	603.73	777739	9.8783 ng/ml
Methamphetamine	3.205	292753	2308.31	37.7	2695.66	1002452	10.4624 ng/ml
Metoprolol	4.313	38040	1107.11	97.8	2129.25	1412129	10.2626 ng/ml
Mirtazapine	4.600	226978	2930.11	49.5	1928.23	743065	9.4240 ng/ml
Mitragynine	5.209	44123	44929.86	35.1	405.64	777739	9.9619 ng/ml
Morphine	1.247	11497	656.70	25.9	238.45	23051	10.0187 ng/ml
Norbuprenorphine	4.990	505	639.78	120.2	1000.11	22724	0.8827 ng/ml
Nordiazepam	5.877	67045	385.08	58.6	357.65	182014	10.5024 ng/ml
Norfentanyl	4.071	32922	368.48	36.2	276.39	1227481	0.9785 ng/ml
Norhydrocodone	3.054	11418	72.32	39.5	68.90	127831	9.5342 ng/ml
Noroxycodone	2.897	69350	1454.02	52.0	747.16	225017	10.0554 ng/ml
O-desmethyl-tramadol	3.359	309534	1118.39	6.3	135.23	1810352	9.9074 ng/ml
o-desmethylvenlafaxine	4.056	444545	∞	18.9	435.87	339466	9.6036 ng/ml
Olanzapine	4.407	33164	183.71	58.4	532.97	78194	9.5901 ng/ml
Oxazepam	5.740	120845	1814.75	72.2	111.83	662751	10.0725 ng/ml
Oxycodone	2.822	125970	766.99	31.9	645.31	487634	10.3303 ng/ml
Oxymorphone	1.398	66304	∞	50.9	294.13	209496	9.9093 ng/ml
Phentermine	3.760	76077	1241.36	6.1	97.86	807872	10.2262 ng/ml
Promethazine	5.535	123062	784.23	30.7	705.41	517319	9.7100 ng/ml
Pseudoephedrine	2.562	433696	4933.77	17.2	865.52	1710614	9.7578 ng/ml
Quetiapine	5.530	168987	314478.09	58.7	163855.20	214470	10.3079 ng/ml
Sertraline	5.766	13572	149.01	96.2	407.13	50540	10.4178 ng/ml
Temazepam	5.800	199990	1065.35	27.9	389.66	1011547	10.5951 ng/ml
Tramadol	4.232	306872	∞	3.8	73.28	1412129	10.2270 ng/ml
Trazodone	5.080	147800	78129.54	61.0	702.75	487037	9.7570 ng/ml
Venlafaxine	5.036	276956	260534.17	36.9	1326.63	1566471	9.6828 ng/ml
Zolpidem	4.850	297807	265.19	28.4	15298.71	1414842	10.2821 ng/ml



AM #28 Multi-Drug Quant. Results

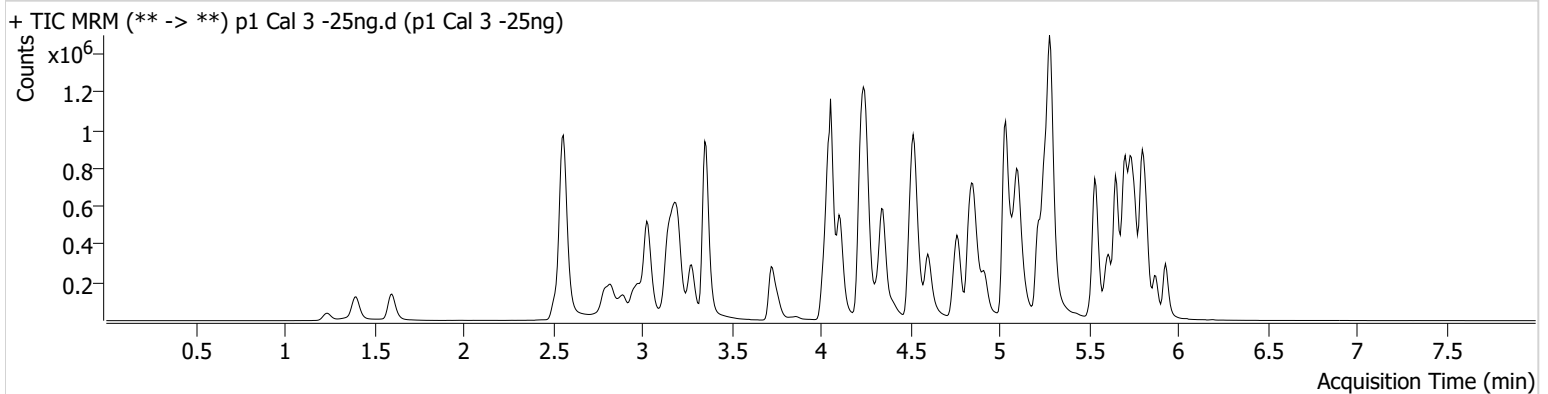
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Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C1
Injection Volume 2
Acq. Date-Time 7/8/2023 1:40:10 AM
Sample Info.

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

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	8093	597.80	73.5	538.69	84018	2.4352 ng/ml
7-aminoclonazepam	4.244	40775	80.33	78.1	1038.13	71559	26.6176 ng/ml
a-hydroxyalprazolam	5.682	62507	283.20	69.0	209.89	951653	27.6582 ng/ml
alpha-PHP	4.921	126425	1592.67	268.6	8887.82	700584	23.8595 ng/ml
alpha-PVP	4.350	468601	1078.45	51.3	978.64	700584	24.1790 ng/ml
Alprazolam	5.759	247133	1226.83	104.8	718.96	225195	24.0792 ng/ml
Amphetamine	3.030	821890	16595.80	46.8	4982.02	377430	25.9641 ng/ml
Benzoylcegonine	3.864	12640	321.67	9.5	193.69	16639	25.1061 ng/ml
Buprenorphine	5.714	9361	3410.93	17.2	188.03	113058	3.1153 ng/ml
Bupropion	4.771	482569	13277.18	66.1	3205.83	595359	24.8613 ng/ml
Carisoprodol	5.714	255831	308885.02	55.1	194.95	465259	23.3901 ng/ml
Chlordiazepoxide	5.828	100100	2451.16	91.6	1087.50	521775	28.0805 ng/ml
Chlorpheniramine	5.104	629916	2900.93	0.3	42.26	1096794	24.2832 ng/ml
Citalopram	5.218	399019	1599.58	36.7	542377.27	581670	24.2305 ng/ml
Clonazepam	5.601	257524	8086.10	36.5	149.49	136490	26.5622 ng/ml
Clonazolam	5.545	152911	2655.07	38.8	95331.94	136490	26.6845 ng/ml
Cocaine	4.251	345917	1043.94	53.7	300.33	1132350	23.9256 ng/ml
Codeine	2.566	43834	84322.44	103.4	663.47	68430	26.6659 ng/ml
Cyclobenzaprine	5.625	151170	719282.94	8.9	42.34	243287	24.7193 ng/ml
Dextromethorphan	5.262	187249	163.76	82.6	117.05	309934	24.7280 ng/ml
Dextrorphan	4.111	158421	1772.11	208.5	892.83	702491	24.1240 ng/ml
Diazepam	5.931	175250	1267.84	91.1	367.08	253079	25.3208 ng/ml
Dihydrocodeine	2.545	118568	22958.59	59.0	708.81	289963	26.4742 ng/ml
Diphenhydramine	5.290	1065749	1259.32	30.4	10142.00	1804999	24.2299 ng/ml
DMT	2.838	42380	614.74	99.6	694.48	309934	24.9120 ng/ml
Doxylamine	4.525	964190	14770.07	99.6	43127.00	1595586	24.5716 ng/ml
Duloxetine	5.644	7944	357.94	13.7	1002.92	15961	24.4908 ng/ml
EDDP	5.255	402624	582.26	41.5	5672.25	791443	23.7419 ng/ml
Etizolam	5.797	120049	2434.60	27.3	69297.12	136490	23.0116 ng/ml
Fentanyl	5.081	21094	126.96	70.3	13042.85	398080	2.5275 ng/ml
Flualprazolam	5.695	85125	3128.30	104.4	920.58	225195	25.7462 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.135	45068	1492.30	40.5	6440.15	2874	2.2241 ng/ml
Fluoxetine	5.704	100436	163412.62	8.0	205.02	146291	23.1634 ng/ml
Hydrocodone	3.006	182755	310.15	34.1	769.80	372221	27.2555 ng/ml
Hydromorphone	1.602	161840	2603.38	74.1	10681.84	183093	25.1278 ng/ml
Hydroxyzine	5.694	259264	1389.81	72.3	2192.05	309934	22.7852 ng/ml
Ketamine	4.030	379809	1960.58	37.4	561.31	485109	26.0797 ng/ml
Lamotrigine	4.267	27850	1031.36	85.4	650.32	1597328	26.1297 ng/ml
Lorazepam	5.737	203194	1185.20	54.4	357.99	598629	27.1753 ng/ml
MDA	3.184	574711	2223.82	28.6	1909.05	560270	26.4912 ng/ml
MDMA	3.278	316552	2276.40	91.2	2624.02	149433	25.5646 ng/ml
Meprobamate	4.895	185950	11741.06	26.7	1918.49	338523	25.0201 ng/ml
Methadone	5.656	538923	651.08	51.3	547.25	744968	24.1996 ng/ml
Methamphetamine	3.205	662916	3777.07	37.7	4846.69	958853	27.1751 ng/ml
Metoprolol	4.313	89581	361.10	96.1	1772.00	1344798	26.2349 ng/ml
Mirtazapine	4.600	545617	4796.85	48.6	42546.21	700584	23.1515 ng/ml
Mitragynine	5.216	106397	99327.23	35.6	44219.88	744968	24.9972 ng/ml
Morphine	1.240	27363	4416.71	26.8	622.87	21971	25.6906 ng/ml
Norbuprenorphine	4.984	1505	3452.84	88.8	1509.38	22763	2.7915 ng/ml
Nordiazepam	5.877	154600	153.68	58.6	4614.32	174490	25.7642 ng/ml
Norfentanyl	4.071	75591	7048.61	35.0	322.65	1130787	2.3553 ng/ml
Norhydrocodone	3.060	24946	182.48	41.6	104.89	113446	22.0385 ng/ml
Noroxycodone	2.897	160263	482.51	54.3	549.44	210272	25.0981 ng/ml
O-desmethyl-tramadol	3.359	724064	2206.12	6.4	1487.06	1687935	24.2885 ng/ml
o-desmethylvenlafaxine	4.056	1037539	93913.55	19.3	1392.95	311856	23.3887 ng/ml
Olanzapine	4.407	83472	1568.18	55.6	8791.15	77190	23.4328 ng/ml
Oxazepam	5.740	270378	3764.96	70.1	456.14	598629	25.2224 ng/ml
Oxycodone	2.822	293010	650.43	31.7	445.84	456168	26.8897 ng/ml
Oxymorphone	1.398	157754	∞	50.6	∞	199168	25.2060 ng/ml
Phentermine	3.760	179010	840.43	5.6	140.21	766270	26.6936 ng/ml
Promethazine	5.541	307452	1487.10	29.9	1746.74	520998	23.3762 ng/ml
Pseudoephedrine	2.569	1018319	1498.16	16.9	41894.26	1597328	23.6839 ng/ml
Quetiapine	5.530	420653	31467.14	55.9	150.03	216590	27.0467 ng/ml
Sertraline	5.773	31683	∞	92.3	139.40	47479	25.2962 ng/ml
Temazepam	5.800	454323	1519.40	28.8	1043.74	951653	26.0683 ng/ml
Tramadol	4.232	705903	2799.51	3.8	182.50	1344798	25.1348 ng/ml
Trazodone	5.080	358362	10574.77	62.0	13925.04	474239	24.2407 ng/ml
Venlafaxine	5.036	657566	2353.26	37.2	601.25	1476139	23.7035 ng/ml
Zolpidem	4.850	691883	3765.52	29.0	500.65	1337798	25.7587 ng/ml



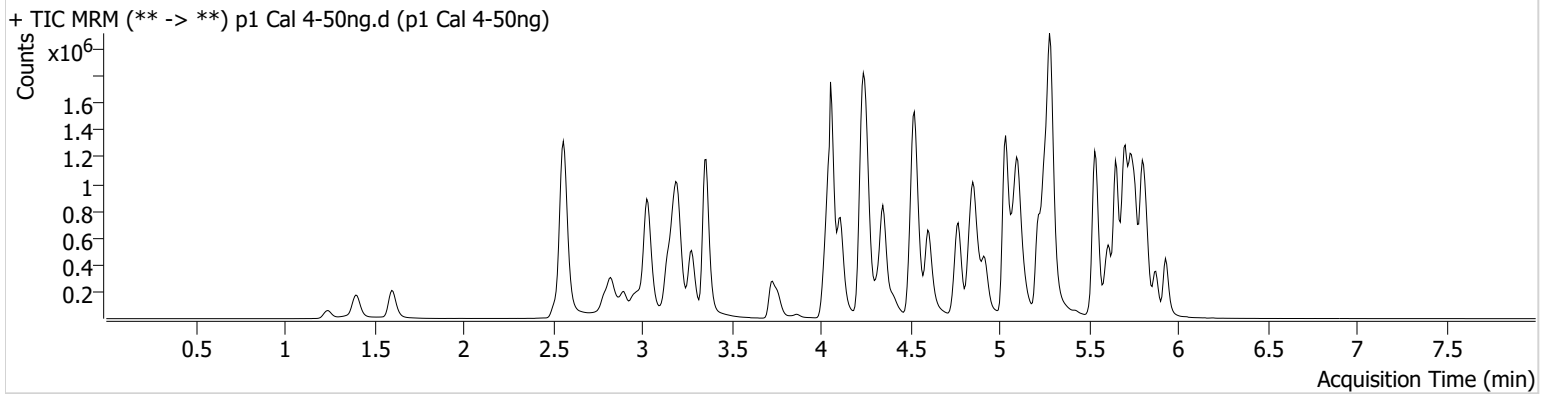
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) Data File p1 Cal 4-50ng.d
Type Cal Sample p1 Cal 4-50ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-D1 Comment
Injection Volume 2
Acq. Date-Time 7/8/2023 1:50:47 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	16129	28022.19	71.3	150.52	79578	5.0955 ng/ml
7-aminoclonazepam	4.244	76184	2195.68	82.9	89.08	69221	52.1668 ng/ml
a-hydroxyalprazolam	5.682	108689	224.49	71.1	256.50	871013	53.1928 ng/ml
alpha-PHP	4.921	250507	20061.03	260.8	7516.22	662011	50.1268 ng/ml
alpha-PVP	4.357	881239	827.07	51.8	409.25	662011	47.8945 ng/ml
Alprazolam	5.759	467310	795.39	109.0	1635.28	206395	49.2240 ng/ml
Amphetamine	3.030	1582813	684.14	45.6	6360.96	373812	51.2075 ng/ml
Benzoylcegonine	3.864	24439	1989.52	9.3	55.04	16722	48.7188 ng/ml
Buprenorphine	5.714	18790	20436.13	16.2	3168.97	115217	4.8326 ng/ml
Bupropion	4.771	942810	734.77	64.5	448.90	580384	50.0683 ng/ml
Carisoprodol	5.714	466193	12065.67	53.5	948.85	402786	48.6591 ng/ml
Chlordiazepoxide	5.828	181385	9227.71	96.5	2667.17	515151	52.2062 ng/ml
Chlorpheniramine	5.104	1278061	10778.32	0.3	100.66	1124916	47.3117 ng/ml
Citalopram	5.218	764292	10242.42	37.8	566.24	561758	47.7053 ng/ml
Clonazepam	5.601	474238	5168.42	34.9	789293.61	130235	52.0106 ng/ml
Clonazolam	5.545	287143	346797.76	38.9	124891.51	130235	53.4773 ng/ml
Cocaine	4.257	656637	18966.51	53.0	512.51	1061815	48.3229 ng/ml
Codeine	2.566	78801	252.68	102.8	8560.65	64845	51.2954 ng/ml
Cyclobenzaprine	5.618	325981	12713.75	8.9	198.66	271210	47.3551 ng/ml
Dextromethorphan	5.262	367908	487193.32	79.9	6640.39	308098	48.8961 ng/ml
Dextrorphan	4.111	302849	736.92	207.6	92337.14	679414	47.2408 ng/ml
Diazepam	5.931	341458	404.05	91.0	6410.10	249502	50.1078 ng/ml
Dihydrocodeine	2.545	213186	∞	63.8	1201.43	267759	52.1902 ng/ml
Diphenhydramine	5.290	2074478	23066.50	31.3	398.67	1793287	47.1304 ng/ml
DMT	2.838	78926	813.69	104.3	1382.14	308098	46.8558 ng/ml
Doxylamine	4.525	1915286	6187.67	96.6	10446.23	1542784	50.2851 ng/ml
Duloxetine	5.644	18101	3740.18	14.6	501.63	16839	53.0213 ng/ml
EDDP	5.255	784987	22249.51	41.3	143.93	736048	49.4304 ng/ml
Etizolam	5.797	230388	3168.94	27.1	78913.82	130235	45.7705 ng/ml
Fentanyl	5.081	44131	22663.57	69.2	27610.73	433855	4.9221 ng/ml
Flualprazolam	5.695	153485	4933.06	110.3	8500.35	206395	51.3220 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.135	102124	604.47	40.3	6199.37	3089	4.5928 ng/ml
Fluoxetine	5.704	208321	438049.51	8.1	378.52	146712	47.0998 ng/ml
Hydrocodone	3.006	339182	226.18	34.7	332.24	351500	54.7214 ng/ml
Hydromorphone	1.609	303860	2643.76	74.6	1571290.32	173788	49.6515 ng/ml
Hydroxyzine	5.694	536648	8718.96	72.3	12636.87	308098	46.4794 ng/ml
Ketamine	4.030	717705	93995.20	37.8	1125.67	453507	53.3231 ng/ml
Lamotrigine	4.267	51611	108.76	83.0	3190.68	1499136	52.1514 ng/ml
Lorazepam	5.737	358896	3559.38	53.7	460.86	542718	54.0544 ng/ml
MDA	3.184	1039093	1604.32	29.5	3496.48	519253	52.7245 ng/ml
MDMA	3.278	602322	8417.21	93.4	5990.56	146294	49.7735 ng/ml
Meprobamate	4.895	341248	421.83	25.4	707.80	312896	50.1054 ng/ml
Methadone	5.656	1097246	1168.55	51.1	619.26	772605	47.1388 ng/ml
Methamphetamine	3.205	1229658	1797.12	37.7	3333.04	946128	52.6344 ng/ml
Metoprolol	4.320	170657	7347.42	94.8	2849.09	1292262	52.5828 ng/ml
Mirtazapine	4.600	1085104	9469.36	48.1	97414.49	662011	48.1013 ng/ml
Mitragynine	5.216	219099	3179.42	36.8	90825.13	772605	49.5814 ng/ml
Morphine	1.247	51463	647.36	27.2	224.04	20899	51.2331 ng/ml
Norbuprenorphine	4.990	2693	2398.77	100.5	6436.29	23180	4.9673 ng/ml
Nordiazepam	5.877	291950	1114.65	61.1	14305.50	175993	48.5502 ng/ml
Norfentanyl	4.071	143610	1517.45	34.9	534.37	1045816	4.7792 ng/ml
Norhydrocodone	3.060	47697	187.38	39.6	128.52	98166	47.5118 ng/ml
Noroxycodone	2.897	299656	659.41	51.9	9405.86	201045	49.2321 ng/ml
O-desmethyl-tramadol	3.359	1391183	148633.83	6.3	327.65	1642236	47.5985 ng/ml
o-desmethylvenlafaxine	4.056	2031546	50844.48	18.9	3935.75	299691	46.9749 ng/ml
Olanzapine	4.407	178264	3176.84	56.2	1012.33	82887	45.9542 ng/ml
Oxazepam	5.740	484376	464.21	73.3	542.57	542718	50.0203 ng/ml
Oxycodone	2.822	557139	912.17	31.7	1692.21	441199	53.6457 ng/ml
Oxymorphone	1.405	300574	∞	48.2	∞	192849	49.8613 ng/ml
Phentermine	3.767	339631	931.32	5.5	156.77	741886	53.1680 ng/ml
Promethazine	5.541	673748	1461.39	29.9	1188.42	551854	47.8486 ng/ml
Pseudoephedrine	2.569	1917221	62945.83	16.7	4716.35	1499136	46.9449 ng/ml
Quetiapine	5.530	828496	783.03	55.6	8098.26	220887	53.2751 ng/ml
Sertraline	5.773	64411	214.12	93.4	471.34	49202	49.2445 ng/ml
Temazepam	5.800	821883	951.84	28.2	531.45	871013	51.8586 ng/ml
Tramadol	4.232	1383631	∞	3.6	262.25	1292262	51.5863 ng/ml
Trazodone	5.080	742099	398995.46	64.2	79027.76	502519	47.3377 ng/ml
Venlafaxine	5.036	1250977	1973.92	37.9	6152.93	1400643	47.0670 ng/ml
Zolpidem	4.857	1327633	15926.39	29.3	81581.30	1322835	50.3063 ng/ml



AM #28 Multi-Drug Quant. Results

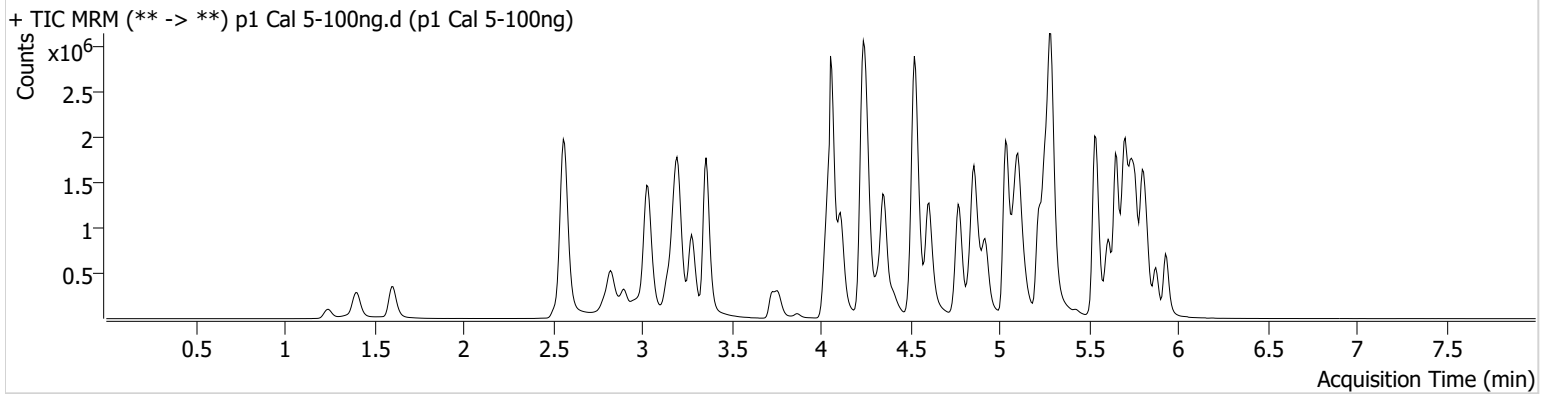
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Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E1
Injection Volume 2
Acq. Date-Time 7/8/2023 2:01:25 AM
Sample Info.

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

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	31836	178955.14	72.7	295.21	81773	9.7638 ng/ml
7-aminoclonazepam	4.244	127966	2857.24	78.2	162.88	54311	112.6030 ng/ml
a-hydroxyalprazolam	5.682	184918	727.21	71.0	481.54	762447	104.0638 ng/ml
alpha-PHP	4.921	496120	8625.53	262.6	10678.45	654850	100.4472 ng/ml
alpha-PVP	4.357	1815067	768.26	52.2	4084.53	654850	99.4799 ng/ml
Alprazolam	5.759	879540	2386.64	108.1	2246.35	191064	99.6375 ng/ml
Amphetamine	3.037	2761904	39083.14	45.7	4586.08	362536	92.7433 ng/ml
Benzoylcegonine	3.871	48396	6558.22	8.2	2788.62	16294	99.4760 ng/ml
Buprenorphine	5.714	35496	14359.59	14.0	4132.48	98893	9.0220 ng/ml
Bupropion	4.771	1879766	44798.44	64.9	37454.47	571275	101.6656 ng/ml
Carisoprodol	5.714	827149	762.19	53.3	442.47	351671	98.3455 ng/ml
Chlordiazepoxide	5.828	335253	7555.06	97.4	3033.39	458885	109.1845 ng/ml
Chlorpheniramine	5.111	2482638	7752.41	0.3	83.42	1065343	96.2626 ng/ml
Citalopram	5.225	1462462	62153.49	36.1	604.70	513592	99.4535 ng/ml
Clonazepam	5.601	878013	1062.90	35.8	423.93	120022	105.2976 ng/ml
Clonazolam	5.545	535984	702187.42	39.0	236878.49	120022	109.3341 ng/ml
Cocaine	4.257	1295116	545.97	53.5	38043.46	1026503	98.4756 ng/ml
Codeine	2.573	145415	10089.58	98.8	213.73	60406	102.3874 ng/ml
Cyclobenzaprine	5.625	590296	19790.74	8.9	232.94	245718	94.1550 ng/ml
Dextromethorphan	5.269	675757	30545.16	79.3	16530.77	278354	99.4294 ng/ml
Dextrorphan	4.111	589937	6596.30	214.3	55797.85	640042	97.2000 ng/ml
Diazepam	5.931	647459	799.77	92.3	408.59	231758	102.3562 ng/ml
Dihydrocodeine	2.545	420128	10734.33	61.8	184.87	275274	100.6662 ng/ml
Diphenhydramine	5.290	4033358	48327.06	30.8	334.02	1661076	98.5373 ng/ml
DMT	2.838	153461	4252.52	105.0	2837.49	278354	101.0844 ng/ml
Doxylamine	4.525	3913204	101602.37	99.1	77254.62	1546930	102.2726 ng/ml
Duloxetine	5.651	30116	2430.41	15.0	460.44	14734	100.9179 ng/ml
EDDP	5.255	1541496	784.76	40.4	629.22	721369	98.7292 ng/ml
Etizolam	5.797	439479	25338.77	27.0	121069.96	120022	94.1976 ng/ml
Fentanyl	5.088	80492	187914.42	72.2	214.42	382038	10.2771 ng/ml
Flualprazolam	5.695	288980	14052.91	106.9	8573.50	191064	105.0995 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	181139	5739.21	41.2	105742.41	2649	9.4054 ng/ml
Fluoxetine	5.704	346541	1065.79	8.6	1223.04	118627	96.1002 ng/ml
Hydrocodone	3.006	648267	∞	35.4	183.92	354905	104.6518 ng/ml
Hydromorphone	1.609	593891	8790.12	75.0	1589635.55	166593	101.1781 ng/ml
Hydroxyzine	5.694	995506	2039.15	71.8	68509.51	278354	94.4958 ng/ml
Ketamine	4.036	1401144	16650.47	37.0	6324.40	466053	101.8336 ng/ml
Lamotrigine	4.267	94474	5852.17	88.5	1625.31	1359818	105.8236 ng/ml
Lorazepam	5.737	534388	14052.50	53.8	2200.83	419311	105.2591 ng/ml
MDA	3.184	1834333	3084.03	28.3	3417.41	468747	104.1534 ng/ml
MDMA	3.278	1189821	15902.95	91.3	8526.12	140293	102.6250 ng/ml
Meprobamate	4.895	627705	472.18	25.3	436.79	275288	105.2316 ng/ml
Methadone	5.656	2101809	1689.96	49.0	45642.70	724626	95.8752 ng/ml
Methamphetamine	3.205	2444963	1432.63	36.7	28385.02	942993	106.7534 ng/ml
Metoprolol	4.320	335160	11620.05	94.6	2773.71	1296818	103.4637 ng/ml
Mirtazapine	4.607	2166407	5752.80	48.0	7283.62	654850	96.5089 ng/ml
Mitragynine	5.216	413065	3186.31	36.2	162079.24	724626	99.6104 ng/ml
Morphine	1.247	100787	1373.89	26.5	346.05	20007	105.2841 ng/ml
Norbuprenorphine	4.990	4861	4384.96	106.7	4516.96	22449	9.3292 ng/ml
Nordiazepam	5.877	559831	1416.81	59.0	937.00	155342	105.8935 ng/ml
Norfentanyl	4.078	273665	9299.27	35.2	675.13	944465	10.0225 ng/ml
Norhydrocodone	3.060	87664	343.59	41.5	170.76	85952	98.6545 ng/ml
Noroxycodone	2.904	546537	4544.21	53.0	6951.07	184818	97.8315 ng/ml
O-desmethyl-tramadol	3.359	2811082	2609.66	6.5	388.00	1624942	96.8109 ng/ml
o-desmethylvenlafaxine	4.056	4128548	139061.82	18.2	4093.71	284008	99.9848 ng/ml
Olanzapine	4.407	301613	1749.47	56.6	508.51	65761	97.2558 ng/ml
Oxazepam	5.740	812953	6940.70	70.2	5946.69	419311	108.8754 ng/ml
Oxycodone	2.822	1101927	1500.36	31.7	1052.40	441826	106.7409 ng/ml
Oxymorphone	1.405	600880	1419.90	49.3	374.62	189296	101.8295 ng/ml
Phentermine	3.767	634902	1661.74	5.7	134.07	738411	100.6449 ng/ml
Promethazine	5.541	1230683	2615.34	30.2	445.17	489526	98.0206 ng/ml
Pseudoephedrine	2.569	3669032	1923.88	16.7	10742.48	1359818	98.4195 ng/ml
Quetiapine	5.530	1521649	725.34	58.6	9094.34	209420	104.2532 ng/ml
Sertraline	5.773	108735	852.83	95.4	177218.40	42500	95.8600 ng/ml
Temazepam	5.800	1476274	7186.91	28.0	1632.25	762447	106.7726 ng/ml
Tramadol	4.239	2790733	∞	3.5	158.44	1296818	103.9899 ng/ml
Trazodone	5.080	1352842	63344.63	64.9	1599.56	444261	97.5736 ng/ml
Venlafaxine	5.036	2551411	35127.76	36.8	5031.62	1378733	97.0316 ng/ml
Zolpidem	4.857	2772412	98523.12	28.2	1982.56	1302915	107.0383 ng/ml



AM #28 Multi-Drug Quant. Results

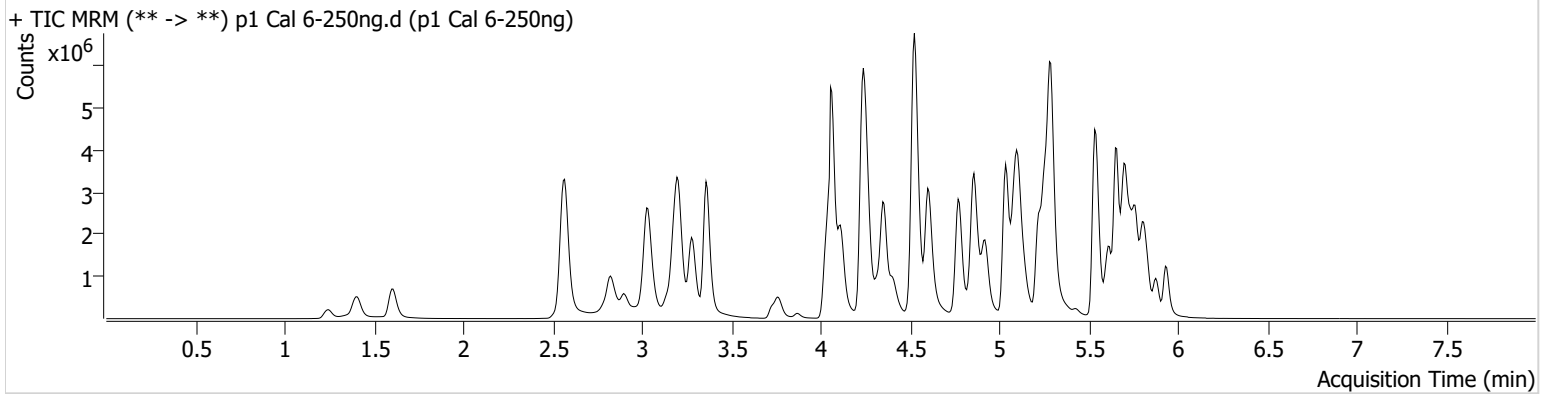
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Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F1
Injection Volume 2
Acq. Date-Time 7/8/2023 2:12:02 AM
Sample Info.

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

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	78923	112789.83	73.2	51367.51	78996	25.0152 ng/ml
7-aminoclonazepam	4.244	284743	2458.01	77.8	933.21	54909	248.8018 ng/ml
a-hydroxyalprazolam	5.682	272253	473.48	70.3	188.00	489272	239.6855 ng/ml
alpha-PHP	4.921	1136593	3137.84	265.6	4381.40	600957	250.8877 ng/ml
alpha-PVP	4.357	4181742	1869.49	52.1	3208.00	600957	249.4023 ng/ml
Alprazolam	5.759	1842528	2665.07	103.7	1594.77	154235	257.8855 ng/ml
Amphetamine	3.037	5173190	7706.66	46.5	8569.87	355003	178.0965 ng/ml
Benzoylcegonine	3.871	120386	3912.80	8.0	1284.86	16092	251.2386 ng/ml
Buprenorphine	5.714	84851	16107.92	15.0	23395.31	87525	22.0815 ng/ml
Bupropion	4.771	4595224	1871.98	63.5	49105.88	553409	256.9206 ng/ml
Carisoprodol	5.714	1256270	600.78	55.0	9331.94	219242	238.8415 ng/ml
Chlordiazepoxide	5.828	600134	3867.69	105.6	7973.90	357727	251.7575 ng/ml
Chlorpheniramine	5.111	6426833	13460.22	0.3	156.73	1069093	247.1501 ng/ml
Citalopram	5.218	3320044	40286.55	36.5	89410.39	451731	256.1297 ng/ml
Clonazepam	5.601	1602186	36166.89	34.8	17798.49	97126	238.4490 ng/ml
Clonazolam	5.552	905060	16567.20	39.3	490135.04	97126	229.2227 ng/ml
Cocaine	4.257	2802018	771.17	52.9	1866.65	858493	254.5782 ng/ml
Codeine	2.573	266925	6899.48	100.3	8896.95	52648	216.5111 ng/ml
Cyclobenzaprine	5.625	1665532	539.65	8.8	988.10	265386	245.1755 ng/ml
Dextromethorphan	5.262	1500061	659.70	79.9	336.67	247872	247.8903 ng/ml
Dextrorphan	4.111	1345930	2964.13	213.1	1567.87	562989	251.3885 ng/ml
Diazepam	5.931	1338505	19988.62	89.7	669.37	186172	263.5210 ng/ml
Dihydrocodeine	2.538	890079	202.51	61.7	253.01	269201	218.8722 ng/ml
Diphenhydramine	5.290	9409552	69108.20	30.9	874.47	1475803	258.1622 ng/ml
DMT	2.838	325159	2932.07	121.8	3612.56	247872	240.8124 ng/ml
Doxylamine	4.525	9730298	218468.88	98.6	21804.00	1511630	259.9569 ng/ml
Duloxetine	5.644	77446	821.76	13.6	15589.10	14946	256.0071 ng/ml
EDDP	5.255	3513520	54772.57	41.1	23937.76	662042	244.7351 ng/ml
Etizolam	5.797	904508	3156.80	27.4	125311.77	97126	238.7923 ng/ml
Fentanyl	5.081	212959	258.61	70.5	132761.31	409571	25.4750 ng/ml
Flualprazolam	5.695	476595	15518.00	108.2	64010.13	154235	215.4460 ng/ml

AM #28 Multi-Drug Quant. Results

CS



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	558892	7349.21	40.6	8200.82	3113	24.5498 ng/ml
Fluoxetine	5.711	823724	269.25	8.8	120452.39	108236	249.1466 ng/ml
Hydrocodone	3.006	1405483	∞	35.8	697.25	333849	242.7630 ng/ml
Hydromorphone	1.609	1335649	3003907.90	74.5	1845007.00	151011	250.9477 ng/ml
Hydroxyzine	5.694	2499460	6059.11	76.2	117547.53	247872	264.8092 ng/ml
Ketamine	4.030	3059297	68747.84	36.6	22902.35	425519	244.3537 ng/ml
Lamotrigine	4.274	184910	5370.43	85.6	5979.55	1099416	256.9917 ng/ml
Lorazepam	5.730	696044	16275.43	54.0	842.41	248445	232.7938 ng/ml
MDA	3.178	3127136	8062.29	27.2	2428.40	402690	207.7667 ng/ml
MDMA	3.278	2680454	43613.51	90.8	5241.90	125440	258.7095 ng/ml
Meprobamate	4.895	1075976	9129.08	26.6	7716.26	213362	233.2639 ng/ml
Methadone	5.656	5473439	64081.19	47.6	976.49	691367	261.0220 ng/ml
Methamphetamine	3.205	5490002	56464.84	36.2	1191.77	944777	241.4399 ng/ml
Metoprolol	4.320	708123	71494.11	94.4	34771.23	1135119	250.5595 ng/ml
Mirtazapine	4.600	5406531	9100.89	47.7	10225.66	600957	261.4768 ng/ml
Mitragynine	5.216	999717	6305.95	37.1	1037313.32	691367	252.5961 ng/ml
Morphine	1.247	225832	4627.51	27.0	∞	18354	257.7974 ng/ml
Norbuprenorphine	4.990	13044	39390.14	105.4	675.76	23635	23.9059 ng/ml
Nordiazepam	5.877	1086514	31179.63	60.8	738.53	126847	252.1760 ng/ml
Norfentanyl	4.078	553512	5712.13	35.7	3816.72	695882	27.4150 ng/ml
Norhydrocodone	3.060	191582	153.34	40.2	∞	71685	256.9254 ng/ml
Noroxycodone	2.897	1072237	526.46	52.5	12129.25	140985	251.8535 ng/ml
O-desmethyl-tramadol	3.359	6650012	∞	6.2	16586.52	1452003	255.6771 ng/ml
o-desmethylvenlafaxine	4.063	9075010	293405.02	18.1	9179.37	245859	252.8705 ng/ml
Olanzapine	4.407	1260028	6421.61	57.2	7025.26	103084	258.0999 ng/ml
Oxazepam	5.740	1112357	228.56	69.8	192.01	248445	251.6698 ng/ml
Oxycodone	2.815	2355972	3118.17	31.4	992.30	432276	234.2187 ng/ml
Oxymorphone	1.405	1265702	∞	49.3	∞	159337	255.2326 ng/ml
Phentermine	3.767	1318533	2095.38	5.5	421.37	714026	217.1794 ng/ml
Promethazine	5.541	3502077	∞	30.2	46282.64	554368	245.5785 ng/ml
Pseudoephedrine	2.569	7606307	106948.37	16.2	75767.67	1099416	251.4809 ng/ml
Quetiapine	5.530	3543198	∞	59.7	24363.93	208128	245.7661 ng/ml
Sertraline	5.773	271006	450.41	91.1	763.63	40890	247.6920 ng/ml
Temazepam	5.807	2305187	18528.37	28.6	9806.96	489272	260.3021 ng/ml
Tramadol	4.232	6102351	∞	3.6	∞	1135119	260.2382 ng/ml
Trazodone	5.080	3400890	1153.52	69.0	100876.07	434830	250.5510 ng/ml
Venlafaxine	5.036	6000315	3039.43	35.3	2690.99	1249121	251.1461 ng/ml
Zolpidem	4.857	6550250	206219.48	28.0	66424.68	1301526	253.6280 ng/ml



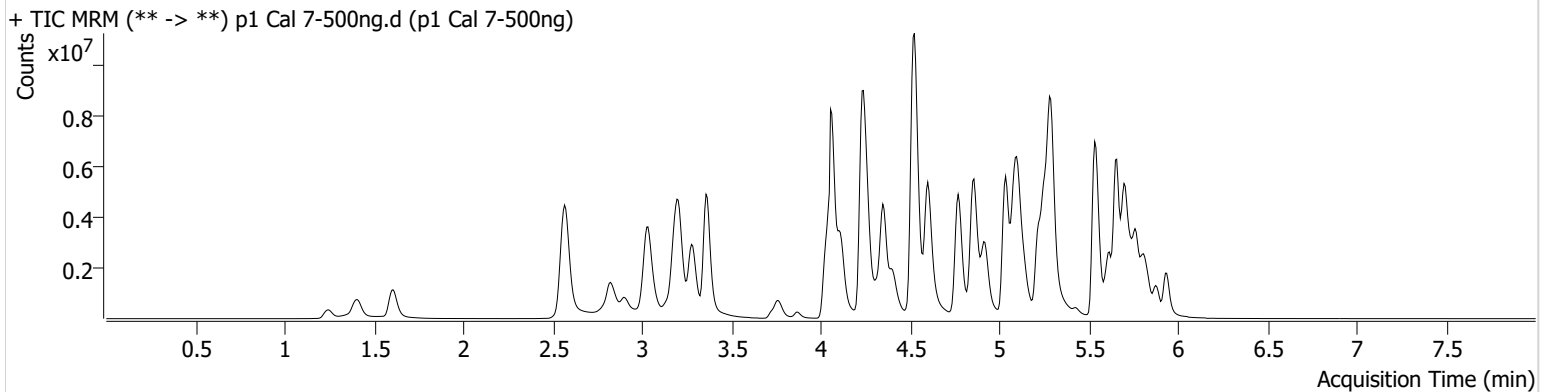
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) Data File p1 Cal 7-500ng.d
Type Cal Sample p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-G1 Comment
Injection Volume 2
Acq. Date-Time 7/8/2023 2:22:39 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	146796	69073.60	72.1	10410.44	72129	50.9307 ng/ml
7-aminoclonazepam	4.244	406343	114.33	76.8	109.84	48553	402.0353 ng/ml
a-hydroxyalprazolam	5.675	287874	499.08	71.4	144.49	286024	434.1121 ng/ml
alpha-PHP	4.921	1974707	8156.93	264.0	14168.93	512136	511.5769 ng/ml
alpha-PVP	4.350	7342653	988.60	50.5	6206.46	512136	513.6294 ng/ml
Alprazolam	5.759	2785540	978.86	104.4	491.82	117633	510.7636 ng/ml
Amphetamine	3.037	7468862	72042.20	45.4	32520.02	321565	284.3198 ng/ml
Benzoylcegonine	3.871	261734	3848.97	8.2	658.85	17807	494.0558 ng/ml
Buprenorphine	5.721	141141	14139.54	15.2	26175.10	66503	46.7421 ng/ml
Bupropion	4.771	8424040	2733.42	62.6	70671.81	516446	504.9337 ng/ml
Carisoprodol	5.714	1551064	197.41	53.6	178.33	120580	535.5230 ng/ml
Chlordiazepoxide	5.828	766153	21892.53	119.8	10578.59	257648	446.8651 ng/ml
Chlorpheniramine	5.104	11418497	10139.24	0.3	1112.68	931082	503.4256 ng/ml
Citalopram	5.218	4798943	2602.83	38.2	2870.73	327225	510.7312 ng/ml
Clonazepam	5.601	2107713	31936.02	36.1	91633.96	68300	446.7724 ng/ml
Clonazolam	5.552	1141912	39597.62	39.4	634641.53	68300	412.0569 ng/ml
Cocaine	4.257	4522059	138663.36	53.5	57678.13	690656	510.5856 ng/ml
Codeine	2.573	387349	120.29	97.4	8764.19	44147	375.2687 ng/ml
Cyclobenzaprine	5.625	3052306	36806.48	8.6	762.55	233663	509.7841 ng/ml
Dextromethorphan	5.262	2296606	291.92	78.5	37984.57	187845	500.8237 ng/ml
Dextrorphan	4.111	2246225	302761.42	216.1	14542.24	457026	516.3368 ng/ml
Diazepam	5.938	2120864	∞	90.1	11247.97	159026	488.8835 ng/ml
Dihydrocodeine	2.545	1394577	252.83	63.9	132.72	252583	365.9463 ng/ml
Diphenhydramine	5.290	15294077	861.42	30.2	794.17	1184009	522.6579 ng/ml
DMT	2.838	541870	11728.00	129.5 High	45233.62	187845	529.8034 ng/ml
Doxylamine	4.525	17592153	141187.27	96.4	341917.07	1372845	517.3262 ng/ml
Duloxetine	5.644	118992	72201.48	14.6	242.78	11443	513.8588 ng/ml
EDDP	5.255	6222276	1068.21	39.8	15439.42	546977	524.2326 ng/ml
Etizolam	5.804	1443794	7589.44	26.2	920883.18	68300	541.3896 ng/ml
Fentanyl	5.081	368074	1179.34	70.1	139958.00	359647	50.2165 ng/ml
Flualprazolam	5.695	598262	1057.99	111.6	20398.11	117633	355.0461 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	1115542	1037.93	40.4	5186.53	2853	53.3647 ng/ml
Fluoxetine	5.711	1263976	345.26	8.5	∞	80820	511.1984 ng/ml
Hydrocodone	3.006	2363573	∞	35.5	∞	297128	459.7668 ng/ml
Hydromorphone	1.609	2341681	13884191.61	74.8	5629342.67	132123	502.8077 ng/ml
Hydroxyzine	5.694	4122226	189143.95	79.4	2688.22	187845	575.2499 ng/ml
Ketamine	4.030	4989263	58740.80	35.8	14424.08	381090	445.4526 ng/ml
Lamotrigine	4.274	265236	12616.48	82.8	4205.28	819766	494.9095 ng/ml
Lorazepam	5.737	683297	32784.88	54.0	1415.51	129614	439.0803 ng/ml
MDA	3.178	4092341	19252.97	27.3	5251.48	319408	343.5023 ng/ml
MDMA	3.278	4238727	7077.73	90.3	16315.02	103308	496.8402 ng/ml
Meprobamate	4.895	1443598	26666.26	25.7	9136.60	146713	455.5471 ng/ml
Methadone	5.656	9258780	153929.84	48.4	1958.04	574252	531.1935 ng/ml
Methamphetamine	3.205	9034175	82358.36	35.8	61105.88	909934	413.7665 ng/ml
Metoprolol	4.320	1076952	10269.52	95.3	4999.73	1001785	432.2037 ng/ml
Mirtazapine	4.600	9803309	168385.64	45.9	258242.43	512136	555.7080 ng/ml
Mitragynine	5.216	1679179	501714.90	36.6	768348.22	574252	510.7476 ng/ml
Morphine	1.247	389305	1613.96	27.7	∞	17112	477.0546 ng/ml
Norbuprenorphine	4.990	25360	39980.77	102.1	4183.09	21872	50.3149 ng/ml
Nordiazepam	5.877	1615769	3344.52	59.0	1387.40	93333	510.0401 ng/ml
Norfentanyl	4.078	839064	∞	35.0	7628.65	423446	68.2124 ng/ml
Norhydrocodone	3.060	349809	205.12	40.6	705.39	58362	574.9885 ng/ml
Noroxycodone	2.904	1538838	11107.62	52.8	3186.73	103141	494.2251 ng/ml
O-desmethyl-tramadol	3.359	11591637	1463.33	6.1	13068.75	1242436	520.4537 ng/ml
o-desmethylvenlafaxine	4.063	13803380	213237.92	19.2	6618.67	188529	500.9393 ng/ml
Olanzapine	4.400	2759561	10322.85	56.9	6638.33	108368	536.9821 ng/ml
Oxazepam	5.740	1098051	103.54	71.3	127.52	129614	476.3614 ng/ml
Oxycodone	2.815	3745679	7317.14	31.0	8318.83	377674	426.8762 ng/ml
Oxymorphone	1.405	2159239	656.11	49.1	∞	138051	502.8156 ng/ml
Phentermine	3.767	2120480	∞	5.3	439.99	669203	373.3046 ng/ml
Promethazine	5.541	6609589	1888.95	29.0	142715.04	495363	518.1624 ng/ml
Pseudoephedrine	2.569	11720139	160369.52	16.0	74073.48	819766	519.0798 ng/ml
Quetiapine	5.523	5672510	98304.87	60.9	61847.55	196582	417.3479 ng/ml
Sertraline	5.773	437793	8088.88	92.7	11411.45	32912	496.7278 ng/ml
Temazepam	5.807	2329326	9907.22	30.7	1518.51	286024	450.1850 ng/ml
Tramadol	4.232	10234052	208.87	3.6	3035.51	1001785	494.7996 ng/ml
Trazodone	5.080	5683124	299329.62	70.6	77007.00	373909	486.8702 ng/ml
Venlafaxine	5.036	10558028	4752.85	34.0	46654.23	1046784	526.8285 ng/ml
Zolpidem	4.857	11468944	3273.23	27.6	4393.87	1164954	496.4679 ng/ml



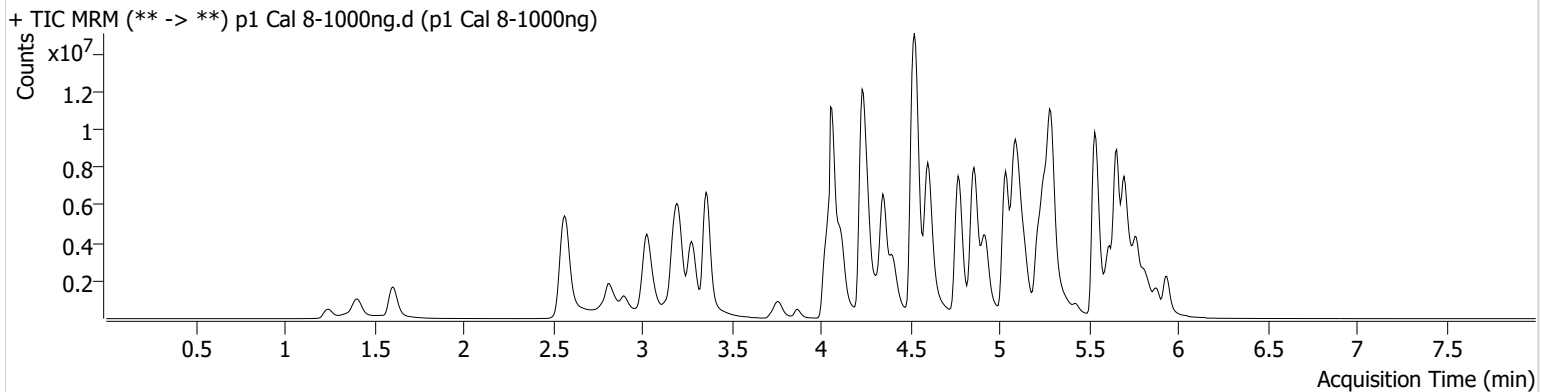
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\070723 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/11/2023 8:38:50 AM

Instrument Falco (069901) Data File p1 Cal 8-1000ng.d
Type Cal Sample p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-H1 Comment
Injection Volume 2
Acq. Date-Time 7/8/2023 2:33:16 AM
Sample Info.

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

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	273621	542190.58	68.2	7778.96	65675	104.2344 ng/ml
7-aminoclonazepam	4.244	450921	279.80	70.5	45.95	33134	654.2496 ng/ml
a-hydroxyalprazolam	5.675	281435	102.02	67.4	134.55	128358	946.5548 ng/ml
alpha-PHP	4.921	3045564	28384.75	276.4	4728.68	396688	1018.7062 ng/ml
alpha-PVP	4.350	11782177	773019.88	50.0	27002.75	396688	1063.7982 ng/ml
Alprazolam	5.766	3634508	352.05	95.3	896.79	78639	996.4832 ng/ml
Amphetamine	3.030	9357763	169104.47	46.0	20030.72	282680	405.5521 ng/ml
Benzoylcegonine	3.871	508816	1853.55	8.4	649.14	16709	1024.0391 ng/ml
Buprenorphine	5.721	208825	113682.44	15.3	27295.54	42396	106.7066 ng/ml
Bupropion	4.771	13860428	1067.41	63.1	1027.60	451553	950.3968 ng/ml
Carisoprodol	5.721	1516860	231.93	55.2	308.50	57910	1089.9374 ng/ml
Chlordiazepoxide	5.835	897893	26639.16	131.6 High	29190.56	161552	835.9133 ng/ml
Chlorpheniramine	5.104	18689964	53572.67	0.3	667.04	762224	1005.8189 ng/ml
Citalopram	5.218	6201953	1986.13	37.0	976.81	208080	1037.6154 ng/ml
Clonazepam	5.594	2247646	∞	36.6	1271.42	44130	737.8957 ng/ml
Clonazolam	5.558	1175357	7234.19	40.3	307324.67	44130	657.0052 ng/ml
Cocaine	4.257	6815046	2634.53	51.2	790.31	509161	1043.6648 ng/ml
Codeine	2.573	538839	63.99	97.2	4272.93	32056	719.6508 ng/ml
Cyclobenzaprine	5.618	5414666	204451.83	8.0	4063.32	188895	1118.0736 ng/ml
Dextromethorphan	5.262	3097894	343.58	76.6	525.92	122833	1033.1379 ng/ml
Dextrorphan	4.111	3500371	4588.78	216.5	42491.86	343214	1070.9580 ng/ml
Diazepam	5.938	2854271	387.14	93.6	350.51	112365	931.2255 ng/ml
Dihydrocodeine	2.538	2128906	174.12	63.1	15973.74	229914	614.1788 ng/ml
Diphenhydramine	5.290	21039436	428.96	31.6	32377.96	824390	1032.2970 ng/ml
DMT	2.838	854143	2170.01	136.4 High	189528.39	122833	1277.4248 ng/ml
Doxylamine	4.525	26799856	260183.82	98.1	340133.12	1183599	913.9605 ng/ml
Duloxetine	5.644	145952	4915.47	15.5	229.68	7975	904.4344 ng/ml
EDDP	5.255	10374112	92124.00	39.2	653.60	461289	1036.0822 ng/ml
Etizolam	5.804	1991106	8307.80	26.8	402578.50	44130	1154.9623 ng/ml
Fentanyl	5.081	572744	29566.10	74.1	527764.04	294110	95.6211 ng/ml
Flualprazolam	5.695	601538	7293.32	116.5	7569.18	78639	534.3580 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.142	2289319	43069.75	39.8	15209.55	2608	119.7046 ng/ml
Fluoxetine	5.711	1996204	64710.01	8.6	219393.78	57474	1134.3602 ng/ml
Hydrocodone	3.006	3848470	∞	37.7	∞	253506	878.5177 ng/ml
Hydromorphone	1.609	3863999	22878425.84	75.0	7053604.54	110402	992.8641 ng/ml
Hydroxyzine	5.694	6732600	313541.43	79.0	31803.08	122833	1435.4484 ng/ml
Ketamine	4.030	6907683	73186.97	36.0	19269.53	310171	758.1640 ng/ml
Lamotrigine	4.274	318619	17430.27	82.5	7509.86	553574	880.8453 ng/ml
Lorazepam	5.737	652821	39694.35	53.3	1229.71	56391	965.6059 ng/ml
MDA	3.171	5022888	16324.33	26.7	18591.12	228232	590.8273 ng/ml
MDMA	3.278	6302903	39362.06	92.8	24387.34	82074	930.0117 ng/ml
Meprobamate	4.888	1701513	1039.17	25.1	1326.74	73117	1077.9842 ng/ml
Methadone	5.656	14318246	2595.82	49.0	369415.17	463453	1017.5026 ng/ml
Methamphetamine	3.207	13106302	75476.19	34.7	3421.52	868371	629.9171 ng/ml
Metoprolol	4.313	1386910	716824.44	96.0	12405.68	819046	681.1147 ng/ml
Mirtazapine	4.600	16163003	92507.02	45.2	159901.65	396688	1182.2196 ng/ml
Mitragynine	5.216	2604875	2824652.39	37.5	304451.63	463453	981.6825 ng/ml
Morphine	1.247	623926	∞	26.1	∞	14242	919.0318 ng/ml
Norbuprenorphine	4.990	46239	2664.79	106.5	10494.00	19832	101.2588 ng/ml
Nordiazepam	5.884	1949821	27721.03	60.1	6292.28	64450	891.5812 ng/ml
Norfentanyl	4.078	1082433	17688.72	35.5	12357.22	212214	175.4993 ng/ml
Norhydrocodone	3.060	605887	4223.01	41.5	183.05	41914	1385.3427 ng/ml
Noroxycodone	2.897	2119492	13891.01	52.2	20896.79	69762	1006.5785 ng/ml
O-desmethyl-tramadol	3.359	18311059	∞	6.1	19697.11	983375	1038.3626 ng/ml
o-desmethylvenlafaxine	4.063	21519646	599450.68	17.8	89063.91	132140	1113.4359 ng/ml
Olanzapine	4.400	5025984	5898.89	57.6	7450.01	99466	1064.8891 ng/ml
Oxazepam	5.740	947089	84.22	72.0	82.10	56391	944.5600 ng/ml
Oxycodone	2.808	5562515	∞	31.2	522.20	339036	706.7057 ng/ml
Oxymorphone	1.405	3374427	∞	48.8	1065.18	113411	956.7575 ng/ml
Phentermine	3.767	3144517	1204.92	5.2	459.46	614126	603.7821 ng/ml
Promethazine	5.541	12132936	4827.31	27.8	9277.61	425848	1105.8924 ng/ml
Pseudoephedrine	2.569	16492082	1864.86	16.0	42866.57	553574	1081.0515 ng/ml
Quetiapine	5.523	7747751	98849.11	60.4	334821.81	183594	610.8728 ng/ml
Sertraline	5.773	737056	2644.97	93.5	35381.16	26497	1038.2798 ng/ml
Temazepam	5.807	2079708	35256.60	29.2	5298.81	128358	895.9973 ng/ml
Tramadol	4.232	15003550	6473.22	3.2	∞	819046	887.4835 ng/ml
Trazodone	5.073	8654899	152815.96	70.5	96064.94	244918	1131.9173 ng/ml
Venlafaxine	5.036	16268120	2579.04	33.6	1139.59	785613	1081.1345 ng/ml
Zolpidem	4.857	18481047	31435.58	27.2	1525.85	1057669	881.4203 ng/ml