

Worklist: 6390

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-1618	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1704	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1885	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1896	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1905	6	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2026	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2027	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1138	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1147	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1153	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1189	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1305	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1381	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1387	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1388	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1391	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1394	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1401	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1402	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1423	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1425	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 05/26/2023

Analyst: Celena Shrum

Plate lot#: 230117

Plate Retest Date: 07/17/2023

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

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

Blank Blood Lot: Lampire 23A52594

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

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

Post-Analytic

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

Comments: DMT not evaluated due to ratios being out of range. The instrument detected a leak and stopped about halfway through the run. The run was restarted and the run finished with no further issues.

Curve Limits:

7-aminoclonazepam 5-250 (Cals 7 and 8 removed due to accuracy)
Amphetamine 5-100 (Cals 6, 7 and 8 removed due to accuracy)- Qualitative only
Chlordiazepoxide 5-500 (Cal 8 removed due to accuracy)
Clonazepam 5-500 (Cal 8 removed due to accuracy)
Clonazepam 5-250 (Cals 7 and 8 removed due to accuracy)
Codeine 5-500 (Cal 8 removed due to accuracy)
Dihydrocodeine 5-250 (Cals 7 and 8 removed due to accuracy)
Duloxetine 10-1000 (Cal 1 removed due to ratio)
Etizolam 5-500 (Cal 8 removed due to accuracy)
Flualprazolam 5-500 (Cal 8 removed due to accuracy)
Fluorofentanyl 0.5-50 (Cal 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)
Meprobamate 5-100 (Cals 6, 7 and 8 removed due to accuracy)- Qualitative only
Methamphetamine 5-500 (Cal 8 removed due to accuracy)
Metoprolol 5-500 (Cal 8 removed due to 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)
Trazodone 5-500 (Cal 8 removed due to accuracy)
Zolpidem 5-500 (Cal 8 removed due to accuracy)

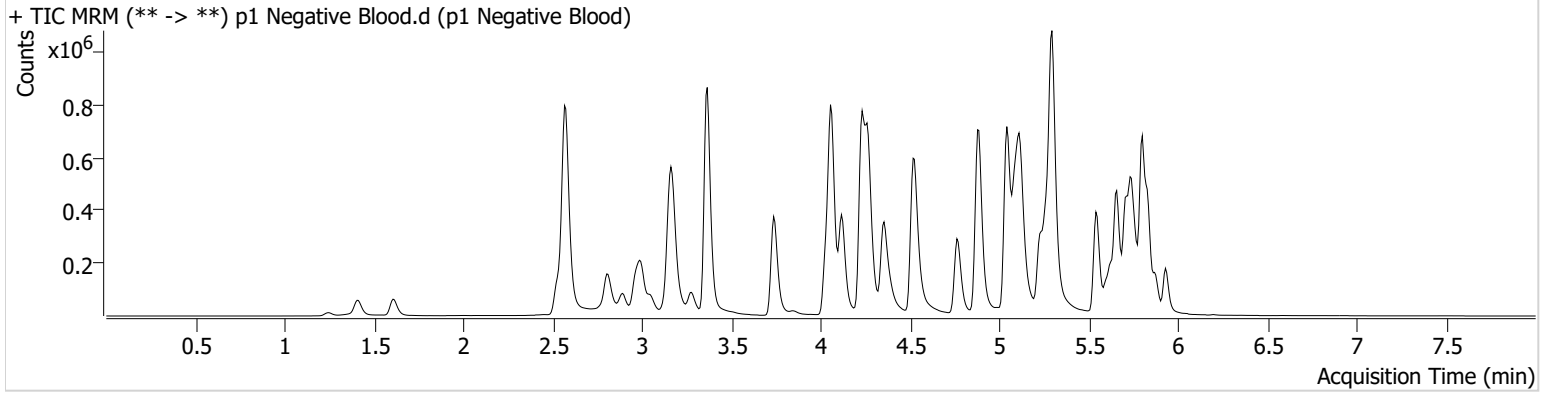


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	5/27/2023 2:47:49 AM		
Sample Info.			

Sample Chromatogram



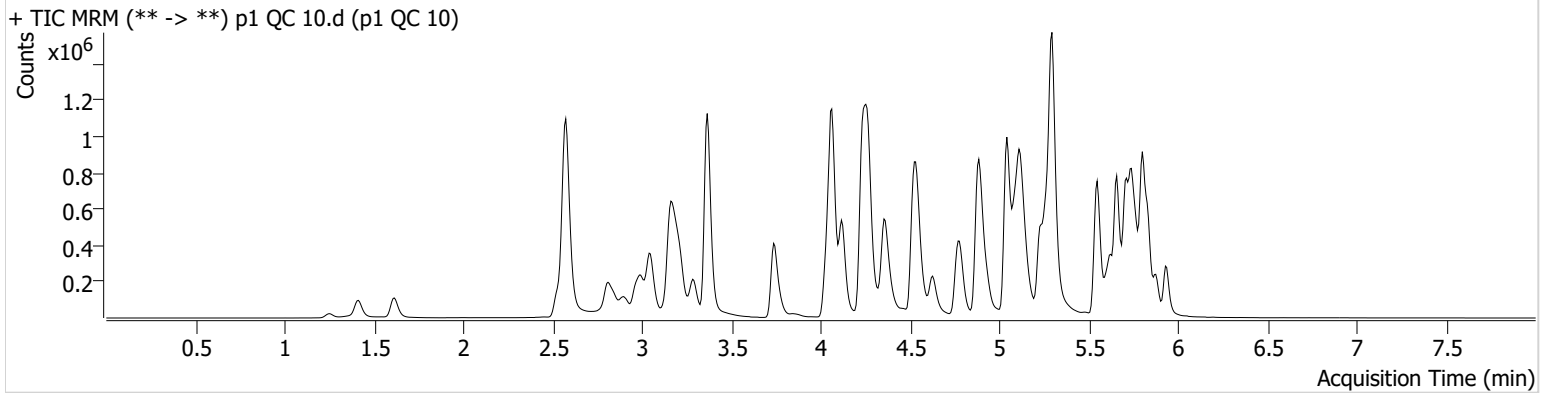


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) **Data File** p1 QC 10.d
Type QC **Sample** p1 QC 10
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 5/27/2023 1:44:02 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	4026	77.88	69.2	6962.40	92195	1.0138 ng/ml
7-aminoclonazepam	4.258	56884	102.59	78.9	114.18	227695	10.4155 ng/ml
a-hydroxyalprazolam	5.689	36988	201.76	67.2	413.05	1349924	11.1027 ng/ml
alpha-PHP	4.935	73815	1155.46	265.7	2772.97	990216	10.2286 ng/ml
alpha-PVP	4.363	275916	7379.50	50.4	794.19	990216	10.2503 ng/ml
Alprazolam	5.766	138672	1682.48	109.3	3917.13	286402	10.4194 ng/ml
Amphetamine	3.050	512472	5859.80	47.7	680.51	475890	10.2327 ng/ml
Benzoylecgonine	3.877	7050	1339.58	8.9	127.66	24243	9.8663 ng/ml
Buprenorphine	5.803	5255	635.74	17.3	1082.96	167080	1.0007 ng/ml
Bupropion	4.785	314008	416.87	64.0	1051.99	863687	10.4312 ng/ml
Carisoprodol	5.714	129686	351.73	58.7	137.02	604602	9.7775 ng/ml
Chlordiazepoxide	5.835	52150	1644.68	106.3	718.71	734065	11.2764 ng/ml
Chlorpheniramine	5.118	353589	1464.32	0.3	34.07	1605964	9.7550 ng/ml
Citalopram	5.232	225623	8248.04	37.0	181.39	843177	9.7562 ng/ml
Clonazepam	5.608	144783	3358.31	35.0	2810.86	179950	10.6568 ng/ml
Clonazolam	5.552	88426	111069.10	35.7	26057.24	179950	9.6687 ng/ml
Cocaine	4.264	206335	2551.98	53.0	146.27	1558420	10.1877 ng/ml
Codeine	2.586	24184	992.32	102.7	1231.68	91402	10.6382 ng/ml
Cyclobenzaprine	5.625	102028	2039.92	9.8	259.00	424936	9.3535 ng/ml
Dextromethorphan	5.276	114011	1396.40	81.9	2200.50	466038	10.0652 ng/ml
Dextrorphan	4.124	77635	841.28	217.7	8003.79	929795	9.4978 ng/ml
Diazepam	5.938	106774	970.63	90.1	712.63	369167	10.2033 ng/ml
Dihydrocodeine	2.558	61574	2465.65	63.1	1517.67	371794	10.2759 ng/ml
Diphenhydramine	5.297	620350	2266.13	30.7	693.24	2789291	10.1003 ng/ml
DMT	2.858	20358	249.78	77.5	1066.23	466038	9.8492 ng/ml
Doxylamine	4.545	515178	1500.91	98.4	4734.63	2162181	9.8339 ng/ml
Duloxetine	5.651	7460	1025.78	13.3	378.23	36995	9.5519 ng/ml
EDDP	5.262	128189	397.31	41.6	527.23	670039	9.6147 ng/ml
Etizolam	5.804	67661	55371.57	25.1	31982.95	179950	8.7525 ng/ml
Fentanyl	5.101	12770	870.17	74.6	52.23	649296	0.9935 ng/ml
Flualprazolam	5.695	42236	573.91	107.9	2205.04	286402	10.2993 ng/ml
Fluorofentanyl	5.156	34223	491.34	43.1	455.03	6063	0.8778 ng/ml
Fluoxetine	5.711	88278	238.26	8.2	389.17	313759	10.0321 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	93258	143.10	36.1	320.37	479301	10.5856 ng/ml
Hydromorphone	1.622	78664	552.17	76.5	2375.47	220655	10.0867 ng/ml
Hydroxyzine	5.708	153117	1186.54	69.6	1216.33	466038	9.8427 ng/ml
Ketamine	4.050	225221	582.07	37.5	1567.23	710689	10.2006 ng/ml
Lamotrigine	4.281	16190	290.13	83.0	466.82	2466631	10.4177 ng/ml
Lorazepam	5.737	125030	2972.03	56.2	152.38	859263	10.9974 ng/ml
MDA	3.198	344801	2330.26	25.1	648.71	675854	10.4992 ng/ml
MDMA	3.292	182666	1063.72	86.0	1716.21	211744	9.6845 ng/ml
Meprobamate	4.901	78568	130.47	26.1	719.71	362890	10.2693 ng/ml
Methadone	5.656	327105	1802.23	48.3	472.52	1070565	9.9422 ng/ml
Methamphetamine	3.219	364713	410.43	39.2	199.93	1397447	10.4363 ng/ml
Metoprolol	4.327	46824	1037.30	106.5	1296.59	1896148	10.2346 ng/ml
Mirtazapine	4.627	351452	8639.75	50.9	480.06	990216	10.2400 ng/ml
Mitragynine	5.236	58173	281.95	37.6	44.59	1070565	9.8404 ng/ml
Morphine	1.261	10744	629.16	26.0	671.56	15422	9.8978 ng/ml
Norbuprenorphine	4.997	849	3010.39	90.3	736.91	24846	0.8772 ng/ml
Nordiazepam	5.884	90928	956.77	56.5	380.63	247105	10.4581 ng/ml
Norfentanyl	4.085	44115	1059.76	38.9	534.79	1586193	0.9787 ng/ml
Norhydrocodone	3.067	10578	100.53	37.6	54.82	131138	9.4966 ng/ml
Noroxycodone	2.917	86779	2004.09	48.4	429.70	259803	9.9707 ng/ml
O-desmethyl-tramadol	3.372	440306	10696.63	6.1	1125.16	2451204	9.9332 ng/ml
o-desmethylvenlafaxine	4.069	638338	7952.81	16.6	810.34	431416	9.6951 ng/ml
Olanzapine	4.468	47608	239.34	56.2	197.51	109711	9.7448 ng/ml
Oxazepam	5.747	143313	222.99	75.1	647.25	859263	9.8723 ng/ml
Oxycodone	2.835	160996	1285.72	30.2	1075.27	602931	10.3430 ng/ml
Oxymorphone	1.411	75679	∞	49.2	1042.27	216152	10.1618 ng/ml
Phentermine	3.774	104891	227.87	5.4	72.77	1137219	10.1045 ng/ml
Promethazine	5.548	219918	158.97	32.1	397.24	949992	9.3519 ng/ml
Pseudoephedrine	2.583	627909	1324.64	16.4	5596.23	2466631	9.8241 ng/ml
Quetiapine	5.551	242408	460.93	54.3	31450.82	291760	10.6667 ng/ml
Sertraline	5.780	24621	188.72	102.9	185.92	98543	9.8568 ng/ml
Temazepam	5.807	256471	2936.55	30.6	350.86	1349924	10.3355 ng/ml
Tramadol	4.246	419281	1136.02	3.6	122.98	1896148	10.2614 ng/ml
Trazodone	5.141	248220	366.05	62.2	116.50	778698	10.7827 ng/ml
Venlafaxine	5.043	373429	15816.04	36.5	465.48	2124075	9.8495 ng/ml
Zolpidem	4.905	382946	2277.62	30.1	3785.30	1843368	10.0676 ng/ml

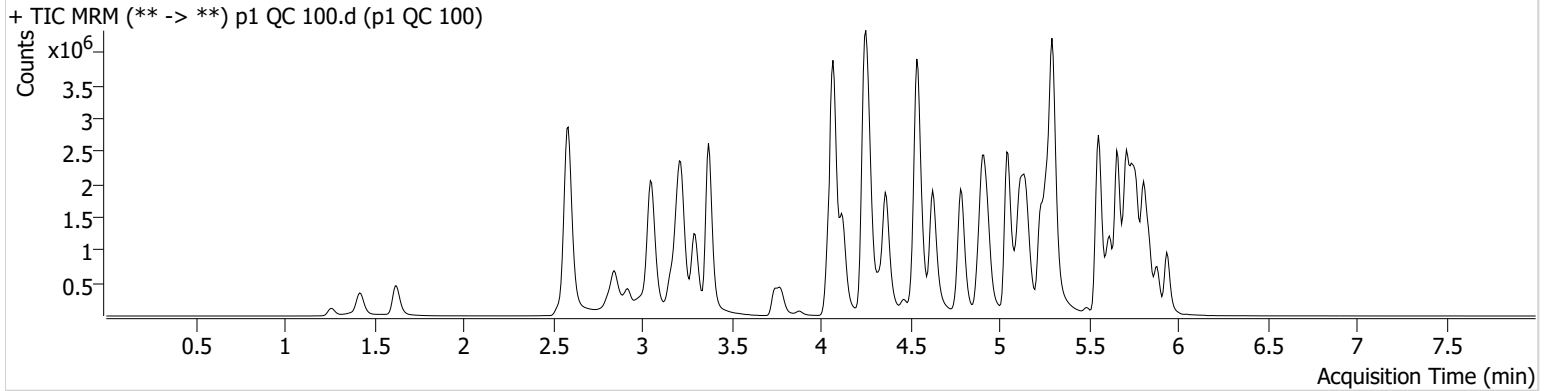


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/27/2023 9:23:58 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	39433	1432.74	71.4	146144.24	89973	9.7704 ng/ml
7-aminoclonazepam	4.258	445155	8308.05	79.5	2163.10	190652	101.9495 ng/ml
a-hydroxyalprazolam	5.689	249168	2191.93	69.4	2209.67	979583	101.7215 ng/ml
alpha-PHP	4.935	666442	1463.24	263.1	3069.61	889918	105.7578 ng/ml
alpha-PVP	4.370	2540508	35147.20	51.7	28931.72	889918	101.8500 ng/ml
Alprazolam	5.766	1212674	837.91	108.3	1951.40	244871	103.5008 ng/ml
Amphetamine	3.057	4016510	2764.26	46.7	9095.08	448423	90.9548 ng/ml
Benzoylecgonine	3.877	66135	683.74	8.2	17897.73	23482	99.0775 ng/ml
Buprenorphine	5.810	42203	6963.89	14.8	6140.34	140448	10.1632 ng/ml
Bupropion	4.785	2965222	191079.54	63.6	758.45	804363	106.8697 ng/ml
Carisoprodol	5.721	892517	878.38	57.5	5784.37	402096	94.0319 ng/ml
Chlordiazepoxide	5.841	413912	15696.84	120.7	7524.29	645402	108.7252 ng/ml
Chlorpheniramine	5.118	3361436	106091.26	0.3	882.11	1450462	101.1822 ng/ml
Citalopram	5.232	2017841	46636.67	37.2	12496.29	722171	98.9729 ng/ml
Clonazepam	5.608	1231651	49907.85	34.8	70471.97	150814	106.7382 ng/ml
Clonazolam	5.552	698034	950367.25	36.0	64495.72	150814	113.0993 ng/ml
Cocaine	4.264	1780166	29340.37	52.2	2439.11	1365262	100.1375 ng/ml
Codeine	2.593	187895	116.33	100.8	5749.47	78243	105.2534 ng/ml
Cyclobenzaprine	5.631	816936	316.68	9.0	149.90	319602	97.1943 ng/ml
Dextromethorphan	5.276	972656	27724.48	79.7	246.28	392471	100.7973 ng/ml
Dextrorphan	4.124	742317	18919.78	211.7	1917.78	834007	98.2423 ng/ml
Diazepam	5.938	925778	10069.67	87.3	4217.82	318098	104.9256 ng/ml
Dihydrocodeine	2.565	550909	28819.12	64.9	13838.65	358440	102.8872 ng/ml
Diphenhydramine	5.297	5545369	75975.04	29.6	9126.34	2380895	100.5962 ng/ml
DMT	2.858	173550	5011.48	87.0	675.21	392471	105.8762 ng/ml
Doxylamine	4.538	5282201	20738.81	96.8	225604.39	2057838	104.1184 ng/ml
Duloxetine	5.651	41489	948.71	13.2	304.09	20968	100.6056 ng/ml
EDDP	5.268	1390565	13457.56	42.5	601.14	720748	94.4760 ng/ml
Etizolam	5.804	564534	27309.71	27.5	132059.78	150814	92.1027 ng/ml
Fentanyl	5.101	109001	116.56	69.0	70918.84	543960	10.8512 ng/ml
Flualprazolam	5.695	345900	6194.59	110.4	17733.98	244871	108.9149 ng/ml
Fluorofentanyl	5.162	275707	5512.87	44.5	5537.51	4770	8.4566 ng/ml
Fluoxetine	5.711	452196	252.28	8.5	76793.72	165067	93.1707 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.026	804042	860.84	34.5	1179.52	453815	107.2659 ng/ml
Hydromorphone	1.629	734751	4948.45	76.3	6497.28	204733	102.2606 ng/ml
Hydroxyzine	5.708	1296353	10901.15	73.4	12813.28	392471	89.0298 ng/ml
Ketamine	4.050	1929438	56141.96	38.1	829.47	645495	103.5121 ng/ml
Lamotrigine	4.287	136923	1092.42	85.0	11849.06	2042942	108.2530 ng/ml
Lorazepam	5.737	749981	14449.55	52.3	832.64	574432	104.3160 ng/ml
MDA	3.198	2516256	8661.88	24.6	3414.21	558909	100.0432 ng/ml
MDMA	3.298	1699066	103225.01	84.0	8663.15	190652	100.4638 ng/ml
Meprobamate	4.901	560653	888.90	25.9	266.66	308210	91.1771 ng/ml
Methadone	5.663	2955439	57601.14	47.9	1359.87	939116	99.0635 ng/ml
Methamphetamine	3.226	3166419	8034.51	39.0	1102.49	1337005	105.9214 ng/ml
Metoprolol	4.327	435945	529328.71	104.2	27391.51	1827740	103.7947 ng/ml
Mirtazapine	4.627	3335459	6871.15	49.8	81012.78	889918	101.5911 ng/ml
Mitragynine	5.236	491013	233516.01	36.7	1075.56	939116	98.6937 ng/ml
Morphine	1.267	102936	2072.75	25.4	6709.46	15285	100.5678 ng/ml
Norbuprenorphine	4.997	6194	2055.11	94.9	63.00	23330	9.7036 ng/ml
Nordiazepam	5.884	730271	6515.05	60.9	788.44	204036	103.1505 ng/ml
Norfentanyl	4.085	382798	1283.71	38.1	264.19	1254998	9.9734 ng/ml
Norhydrocodone	3.074	90807	∞	39.8	245.91	94480	100.5535 ng/ml
Noroxycodone	2.917	733780	781.96	48.2	11377.55	227590	93.3237 ng/ml
O-desmethyl-tramadol	3.372	4280203	∞	5.9	10644.35	2286316	99.9228 ng/ml
o-desmethylvenlafaxine	4.086	5966910	152537.34	16.4	5828.34	382126	94.8534 ng/ml
Olanzapine	4.468	355216	987.83	55.2	840.79	77912	94.9787 ng/ml
Oxazepam	5.747	977620	17109.31	72.8	1084.65	574432	103.2228 ng/ml
Oxycodone	2.842	1493143	1504.04	30.2	1454.62	586704	106.6238 ng/ml
Oxymorphone	1.425	696383	∞	46.8	730.03	199335	102.0709 ng/ml
Phentermine	3.780	907425	1542.80	4.9	686.52	1054576	100.9220 ng/ml
Promethazine	5.548	1711398	104548.21	31.2	945.02	707519	92.9253 ng/ml
Pseudoephedrine	2.589	5466551	158520.15	16.0	137835.49	2042942	96.1746 ng/ml
Quetiapine	5.558	2102428	75449.01	57.7	4533968.32	268944	109.0520 ng/ml
Sertraline	5.780	121001	1445.38	96.0	410.18	49066	95.8427 ng/ml
Temazepam	5.807	1923145	904.01	28.7	379.11	979583	104.2239 ng/ml
Tramadol	4.246	4000890	217.16	3.1	∞	1827740	106.7258 ng/ml
Trazodone	5.141	2135596	389.58	63.4	1560774.26	709398	111.0402 ng/ml
Venlafaxine	5.042	3545706	72411.56	34.9	836.15	1939833	96.0491 ng/ml
Zolpidem	4.905	3633730	1083807.58	29.3	46155.10	1746828	104.3127 ng/ml

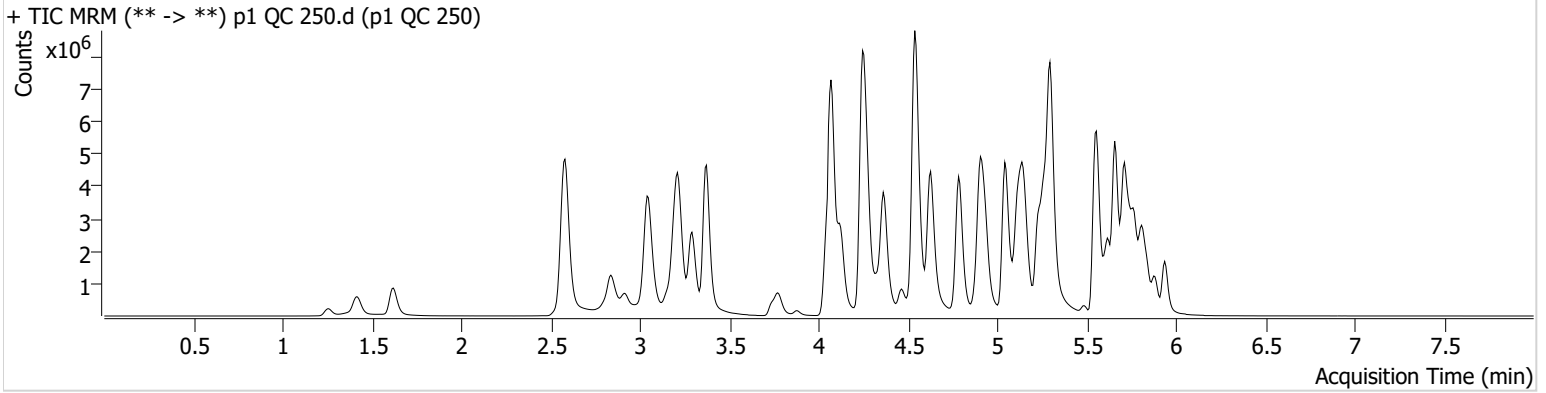


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) Data File p1 QC 250.d
Type QC Sample p1 QC 250
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-C2 Comment
Injection Volume 2
Acq. Date-Time 5/27/2023 2:05:18 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	96904	65643.00	69.4	5781.40	85173	25.2919 ng/ml
7-aminoclonazepam	4.258	817413	8222.87	74.9	6656.57	147369	242.9458 ng/ml
a-hydroxyalprazolam	5.682	345303	255.22	70.6	327.84	578716	238.3952 ng/ml
alpha-PHP	4.935	1486253	13341.16	267.3	2458.16	806378	260.7725 ng/ml
alpha-PVP	4.363	6032063	754.68	50.6	816.45	806378	266.3256 ng/ml
Alprazolam	5.766	2263180	1444.21	105.5	937.71	181362	260.2953 ng/ml
Amphetamine	3.050	7612243	32697.47	46.5	4328.97	423262	183.4330 ng/ml
Benzoylecgonine	3.877	157024	7226.73	8.5	693.48	22969	241.0685 ng/ml
Buprenorphine	5.803	97323	61036.77	14.5	269.17	135802	24.3364 ng/ml
Bupropion	4.785	7142704	488281.55	62.9	1688.85	770390	268.9652 ng/ml
Carisoprodol	5.721	1348507	375.22	58.0	286.02	225651	251.8713 ng/ml
Chlordiazepoxide	5.842	741355	9742.25	124.0	17516.22	518529	243.4463 ng/ml
Chlorpheniramine	5.118	8157019	11237.30	0.3	300.74	1414922	251.4669 ng/ml
Citalopram	5.225	4414638	302176.06	36.8	292.10	613183	254.5357 ng/ml
Clonazepam	5.608	2061221	27027.16	34.3	8709.76	111830	240.7058 ng/ml
Clonazolam	5.552	986283	568613.66	38.4	461077.71	111830	217.8801 ng/ml
Cocaine	4.264	3805595	1653.15	51.4	77990.82	1155301	252.9430 ng/ml
Codeine	2.586	333343	5709.44	102.3	1981.87	65751	223.4049 ng/ml
Cyclobenzaprine	5.625	2451373	3160.24	8.9	332.11	370142	251.4344 ng/ml
Dextromethorphan	5.269	2140893	128410.14	78.6	77084.07	343525	253.2801 ng/ml
Dextrorphan	4.124	1646867	150177.23	214.3	2691.99	717498	252.8567 ng/ml
Diazepam	5.938	1845494	8415.20	88.1	909.85	254805	261.4902 ng/ml
Dihydrocodeine	2.552	1145879	13321.87	62.6	219.23	342402	225.0964 ng/ml
Diphenhydramine	5.297	12580713	93690.10	29.8	52277.16	2066270	262.0897 ng/ml
DMT	2.852	356418	20401.43	104.4 High	6404.32	343525	249.3280 ng/ml
Doxylamine	4.538	12907939	180145.29	95.8	3614.22	1932891	270.5790 ng/ml
Duloxetine	5.651	136724	3370.20	14.0	290.68	26353	265.0578 ng/ml
EDDP	5.262	3475578	38587.18	41.3	3877.36	682110	249.0602 ng/ml
Etizolam	5.804	1163745	9924.66	27.1	2940.97	111830	257.0374 ng/ml
Fentanyl	5.101	287695	2125.57	67.9	333.41	600877	26.0378 ng/ml
Flualprazolam	5.695	557030	9365.72	110.2	25623.62	181362	238.2175 ng/ml
Fluorofentanyl	5.156	836735	25636.30	43.3	14982.08	4562	26.7110 ng/ml
Fluoxetine	5.711	1340850	683.88	8.2	342.30	182211	249.4061 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1638876	349.90	37.6	390.57	418365	238.7908 ng/ml
Hydromorphone	1.622	1580937	11261275.96	75.9	4828309.93	176475	255.3812 ng/ml
Hydroxyzine	5.708	3166811	31975.42	75.7	5390.37	343525	246.5121 ng/ml
Ketamine	4.043	4214392	138810.77	36.5	9209.13	593422	247.1281 ng/ml
Lamotrigine	4.287	258217	6548.73	86.7	1421.13	1603230	260.4278 ng/ml
Lorazepam	5.737	839622	23491.10	55.9	1176.62	294596	228.5546 ng/ml
MDA	3.191	4242854	15962.96	23.5	2699.15	454787	208.3247 ng/ml
MDMA	3.292	3745689	170304.71	84.6	6057.58	167939	251.4985 ng/ml
Meprobamate	4.901	920205	9514.02	25.4	211.77	254081	182.1864 ng/ml
Methadone	5.656	7430754	3360.83	46.1	2336.77	879036	265.4902 ng/ml
Methamphetamine	3.219	7163507	3195.05	38.0	36744.21	1316409	245.1821 ng/ml
Metoprolol	4.327	891832	1098468.54	104.6	142168.66	1558843	249.7630 ng/ml
Mirtazapine	4.627	8144073	122760.34	48.6	4563.97	806378	272.5892 ng/ml
Mitragynine	5.236	1153527	32903.97	37.3	468711.39	879036	248.4082 ng/ml
Morphine	1.261	219001	3278.61	26.8	1046.08	13327	246.2055 ng/ml
Norbuprenorphine	4.997	15885	12616.85	87.4	3213.50	23376	25.5008 ng/ml
Nordiazepam	5.884	1408722	14325.43	58.7	8838.43	156065	260.3936 ng/ml
Norfentanyl	4.085	770810	24298.14	38.1	4826.18	885730	28.3138 ng/ml
Norhydrocodone	3.067	200576	151.83	40.2	371.78	77218	269.7910 ng/ml
Noroxycodone	2.917	1319905	10588.03	49.8	1223.28	160221	237.9287 ng/ml
O-desmethyl-tramadol	3.372	9899020	∞	5.9	33543.65	2029376	259.7416 ng/ml
o-desmethylvenlafaxine	4.083	13043078	161365.05	15.8	8587.70	309069	255.0207 ng/ml
Olanzapine	4.461	1384988	5560.21	55.7	1938.30	115494	248.5498 ng/ml
Oxazepam	5.740	1184926	229.37	76.9	248.60	294596	244.3227 ng/ml
Oxycodone	2.835	3096358	1700.58	30.5	10491.26	539705	241.5453 ng/ml
Oxymorphone	1.411	1428137	∞	48.0	959.92	167835	248.7212 ng/ml
Phentermine	3.774	1900984	∞	4.6	2061.97	1018873	219.7660 ng/ml
Promethazine	5.548	5360087	3771.11	29.9	304317.49	854336	240.2179 ng/ml
Pseudoephedrine	2.583	11490429	122023.44	15.2	33413.22	1603230	256.3472 ng/ml
Quetiapine	5.558	4436258	379831.49	59.1	1069.59	251065	247.7958 ng/ml
Sertraline	5.780	419155	1385.12	94.1	12459.78	64674	251.6167 ng/ml
Temazepam	5.807	2881159	51814.75	29.5	462.87	578716	263.8767 ng/ml
Tramadol	4.246	8666259	∞	3.4	686.65	1558843	271.9443 ng/ml
Trazodone	5.141	4968096	575029.28	66.6	149007.56	739131	249.2688 ng/ml
Venlafaxine	5.043	8332410	1082.70	33.3	1200.11	1738880	250.7035 ng/ml
Zolpidem	4.905	8270711	3239.96	27.8	5871734.70	1674186	248.2615 ng/ml

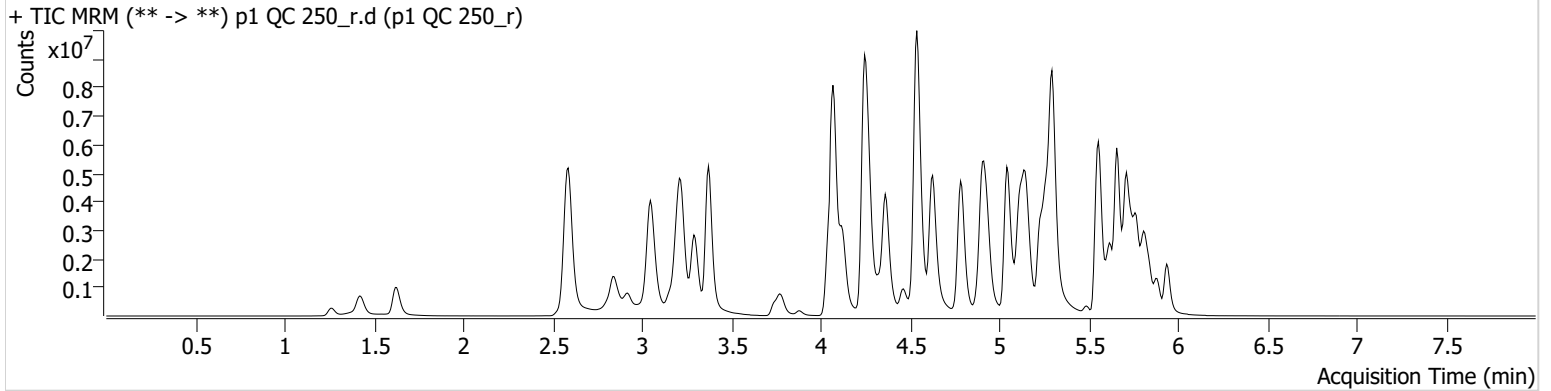


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) Data File p1 QC 250_r.d
Type QC Sample p1 QC 250_r
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-C2 Comment
Injection Volume 2
Acq. Date-Time 5/27/2023 3:43:26 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	110202	7355.61	70.0	168381.62	97176	25.2100 ng/ml
7-aminoclonazepam	4.258	866911	147.95	78.1	3989.31	163873	231.6823 ng/ml
a-hydroxyalprazolam	5.682	381987	449.72	71.4	545.89	617000	247.3521 ng/ml
alpha-PHP	4.935	1634362	17123.31	265.8	4097.51	888243	260.3296 ng/ml
alpha-PVP	4.363	6721603	∞	50.2	5622.63	888243	269.4143 ng/ml
Alprazolam	5.766	2524728	1790.65	107.4	1188.40	198792	264.9104 ng/ml
Amphetamine	3.050	8185207	53128.73	46.5	37960.56	479578	174.0375 ng/ml
Benzoylcegonine	3.877	177986	5612.16	8.3	65476.52	24931	251.7675 ng/ml
Buprenorphine	5.803	111620	24246.52	14.5	18643.59	156883	24.1604 ng/ml
Bupropion	4.785	7853471	101960.62	63.7	35081.67	867321	262.6764 ng/ml
Carisoprodol	5.721	1432430	3497715.02	57.1	10908.68	241390	250.1070 ng/ml
Chlordiazepoxide	5.841	814277	23704.44	129.6	5508.35	572548	242.1599 ng/ml
Chlorpheniramine	5.118	9176619	12234.31	0.3	1043.90	1581981	253.0240 ng/ml
Citalopram	5.225	4742991	355522.25	36.7	50601.68	669100	250.6182 ng/ml
Clonazepam	5.608	2228297	75596.43	34.7	891.55	117805	247.0141 ng/ml
Clonazolam	5.552	1098371	2432276.27	38.0	699307.67	117805	230.4841 ng/ml
Cocaine	4.264	4113691	810.82	52.0	3063.29	1256851	251.3294 ng/ml
Codeine	2.593	369744	∞	99.0	21200.67	72965	223.2995 ng/ml
Cyclobenzaprine	5.625	2534269	895.98	8.4	221.77	376051	255.8488 ng/ml
Dextromethorphan	5.269	2326905	391480.42	77.6	14736.21	373615	253.1160 ng/ml
Dextrorphan	4.124	1813434	1280.83	214.3	2989.68	788064	253.4986 ng/ml
Diazepam	5.938	1998063	3288.16	89.8	1025.72	273780	263.4882 ng/ml
Dihydrocodeine	2.558	1257225	417.45	64.3	9324.27	396083	213.4509 ng/ml
Diphenhydramine	5.297	13848883	354300.19	29.6	115111.39	2262382	263.4970 ng/ml
DMT	2.858	388683	6631.05	108.2 High	33637.91	373615	250.0034 ng/ml
Doxylamine	4.538	14443201	1960.64	97.0	460329.30	2186774	267.6131 ng/ml
Duloxetine	5.651	111053	2959.40	12.8	383.67	21613	262.5006 ng/ml
EDDP	5.262	3859102	34050.16	41.0	18583.47	768239	245.5436 ng/ml
Etizolam	5.804	1259518	7256.89	26.8	649408.43	117805	264.0961 ng/ml
Fentanyl	5.101	316986	70469.13	68.8	∞	654213	26.3508 ng/ml
Flualprazolam	5.695	623936	9811.56	108.9	1595.54	198792	243.4608 ng/ml
Fluorofentanyl	5.162	881912	504.62	43.5	6209.65	4972	25.8325 ng/ml
Fluoxetine	5.711	1190654	375781.56	8.3	461.52	158535	254.5321 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1902922	607.68	36.8	899.08	466668	248.6200 ng/ml
Hydromorphone	1.629	1786589	6937863.91	76.1	645763.13	199715	255.0183 ng/ml
Hydroxyzine	5.708	3450860	25407.77	75.3	33258.76	373615	246.9871 ng/ml
Ketamine	4.043	4629219	138362.43	36.5	15949.31	671308	239.9338 ng/ml
Lamotrigine	4.287	283573	1383.11	86.3	4017.67	1726800	265.5386 ng/ml
Lorazepam	5.737	888716	28819.31	54.6	893.13	317024	224.7924 ng/ml
MDA	3.198	4472430	10755.63	25.5	19233.32	507349	196.7942 ng/ml
MDMA	3.292	4063503	14045.49	86.6	11643.02	186747	245.3581 ng/ml
Meprobamate	4.901	986383	3176.38	24.9	165.44	268510	184.8036 ng/ml
Methadone	5.656	8087667	295640.41	46.5	97574.42	955476	265.8428 ng/ml
Methamphetamine	3.219	7920121	5379.62	37.8	1289.52	1472300	242.3600 ng/ml
Metoprolol	4.327	978529	1338.25	106.1	1158534.70	1760174	242.6816 ng/ml
Mirtazapine	4.627	9043463	706741.28	47.9	11350.45	888243	274.7895 ng/ml
Mitragynine	5.236	1233929	64574.99	37.2	2221.19	955476	244.4569 ng/ml
Morphine	1.267	248477	1707.75	25.9	129.72	15291	243.4701 ng/ml
Norbuprenorphine	4.997	18034	22484.24	85.8	142.59	27853	24.2776 ng/ml
Nordiazepam	5.884	1473121	14481.20	60.6	788.89	172631	246.1587 ng/ml
Norfentanyl	4.085	837302	8724.73	38.2	4754.67	940660	28.9585 ng/ml
Norhydrocodone	3.074	243373	283.10	40.5	133.13	89426	282.6131 ng/ml
Noroxycodone	2.917	1516285	1864.46	49.0	3644.57	189777	230.7702 ng/ml
O-desmethyl-tramadol	3.372	11100126	∞	5.7	12696.69	2264120	261.0581 ng/ml
o-desmethylvenlafaxine	4.083	14479920	377358.59	15.9	11496.93	336422	260.0797 ng/ml
Olanzapine	4.461	1530421	4587.82	56.5	4034.96	125596	252.5455 ng/ml
Oxazepam	5.747	1293443	10266.69	72.9	417.56	317024	247.8344 ng/ml
Oxycodone	2.835	3437858	2204.08	30.7	1168.36	612541	236.2757 ng/ml
Oxymorphone	1.418	1704652	∞	45.7	691.35	190595	261.4313 ng/ml
Phentermine	3.780	2013231	4133.56	4.8	184.11	1133196	209.2239 ng/ml
Promethazine	5.548	5449901	4253.72	30.0	5571.25	866729	240.7494 ng/ml
Pseudoephedrine	2.589	12387767	8758.11	15.4	1127.54	1726800	256.5891 ng/ml
Quetiapine	5.558	4952469	187374.60	59.0	96530.63	282434	245.8975 ng/ml
Sertraline	5.780	335450	300.91	92.7	1665.05	53889	241.6767 ng/ml
Temazepam	5.814	3004314	9623.61	29.6	476.97	617000	258.0892 ng/ml
Tramadol	4.246	9644831	952.65	3.5	103.10	1760174	268.0256 ng/ml
Trazodone	5.141	5496149	236981.82	69.0	7163318.65	813125	250.6750 ng/ml
Venlafaxine	5.043	9263674	2133.29	32.9	2301.10	1917060	252.8116 ng/ml
Zolpidem	4.905	9280811	13532.22	27.3	148273.04	1857176	251.1372 ng/ml

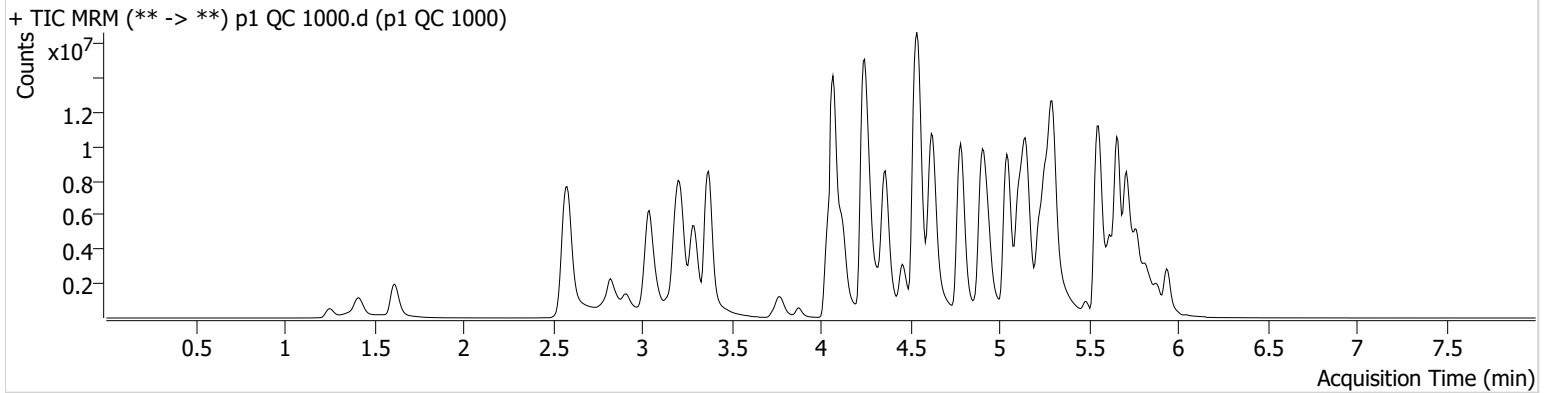


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/27/2023 2:26:33 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	315899	3542.92	69.4	2068.39	70561	99.3917 ng/ml
7-aminoclonazepam	4.258	864669	7486.71	77.9	7579.33	60613	625.6934 ng/ml
a-hydroxyalprazolam	5.682	356197	390.68	69.9	141.11	141270	1006.8781 ng/ml
alpha-PHP	4.935	3530524	19013.72	274.3	41423.22	527397	948.0025 ng/ml
alpha-PVP	4.363	16439648	1294.16	49.7	11375.68	527397	1108.7049 ng/ml
Alprazolam	5.766	4068039	723.96	106.4	408.62	85066	996.5761 ng/ml
Amphetamine	3.043	13754402	135127.71	46.2	39990.56	331443	424.3046 ng/ml
Benzoylecgonine	3.877	610143	9538.99	8.3	394.63	22157	972.2519 ng/ml
Buprenorphine	5.803	257455	170517.46	14.2	40444.76	93805	93.4010 ng/ml
Bupropion	4.785	19641437	300843.56	62.8	24788.28	587771	969.7276 ng/ml
Carisoprodol	5.721	1470665	221.34	57.0	211.73	55426	1115.6867 ng/ml
Chlordiazepoxide	5.841	1144955	190661.13	146.6 High	12916.11	245123	797.3002 ng/ml
Chlorpheniramine	5.111	21888783	79964.98	0.3	347.03	955757	998.5105 ng/ml
Citalopram	5.225	8017703	209817.93	37.2	181118.62	280774	1008.6591 ng/ml
Clonazepam	5.601	2764506	4666.48	36.1	1279.93	47206	764.4439 ng/ml
Clonazolam	5.565	1015416	242175.65	39.7	1196.03	47206	535.1630 ng/ml
Cocaine	4.264	8561856	805.49	50.6	499.44	623471	1054.4329 ng/ml
Codeine	2.586	663914	232.75	97.7	12276.80	38187	768.7339 ng/ml
Cyclobenzaprine	5.625	6504026	383549.02	7.9	435.30	220538	1118.7973 ng/ml
Dextromethorphan	5.269	4026116	51776.71	78.9	59383.92	161580	1012.2770 ng/ml
Dextrorphan	4.118	4237337	78353.77	220.2	196053.65	431839	1079.9378 ng/ml
Diazepam	5.938	3854857	378.57	87.1	10781.06	137601	1012.1492 ng/ml
Dihydrocodeine	2.545	2706585	25564.21	64.4	2322.64	297103	614.3127 ng/ml
Diphenhydramine	5.304	25184766	151790.16	32.2	43723.45	1073305	1008.4978 ng/ml
DMT	2.845	894453	3455.12	123.6 High	78758.99	161580	1333.2082 ng/ml
Doxylamine	4.538	31765786	182971.76	97.3	314205.91	1475801	871.7053 ng/ml
Duloxetine	5.644	219099	1510.90	12.8	233.28	10371	1081.6692 ng/ml
EDDP	5.262	11269468	223214.38	40.2	42652.46	527231	1043.9288 ng/ml
Etizolam	5.804	2367440	4504.78	26.6	14704.57	47206	1240.8508 ng/ml
Fentanyl	5.094	736921	1804.38	68.1	292678.13	446348	89.9796 ng/ml
Flualprazolam	5.688	705589	3797.09	113.2	7116.69	85066	645.3662 ng/ml
Fluorofentanyl	5.162	2617166	∞	44.1	8142.52	2773	137.2284 ng/ml
Fluoxetine	5.718	2547208	10343.27	8.1	382607.37	81105	1062.7493 ng/ml



AM #28 Multi-Drug Quant. Results

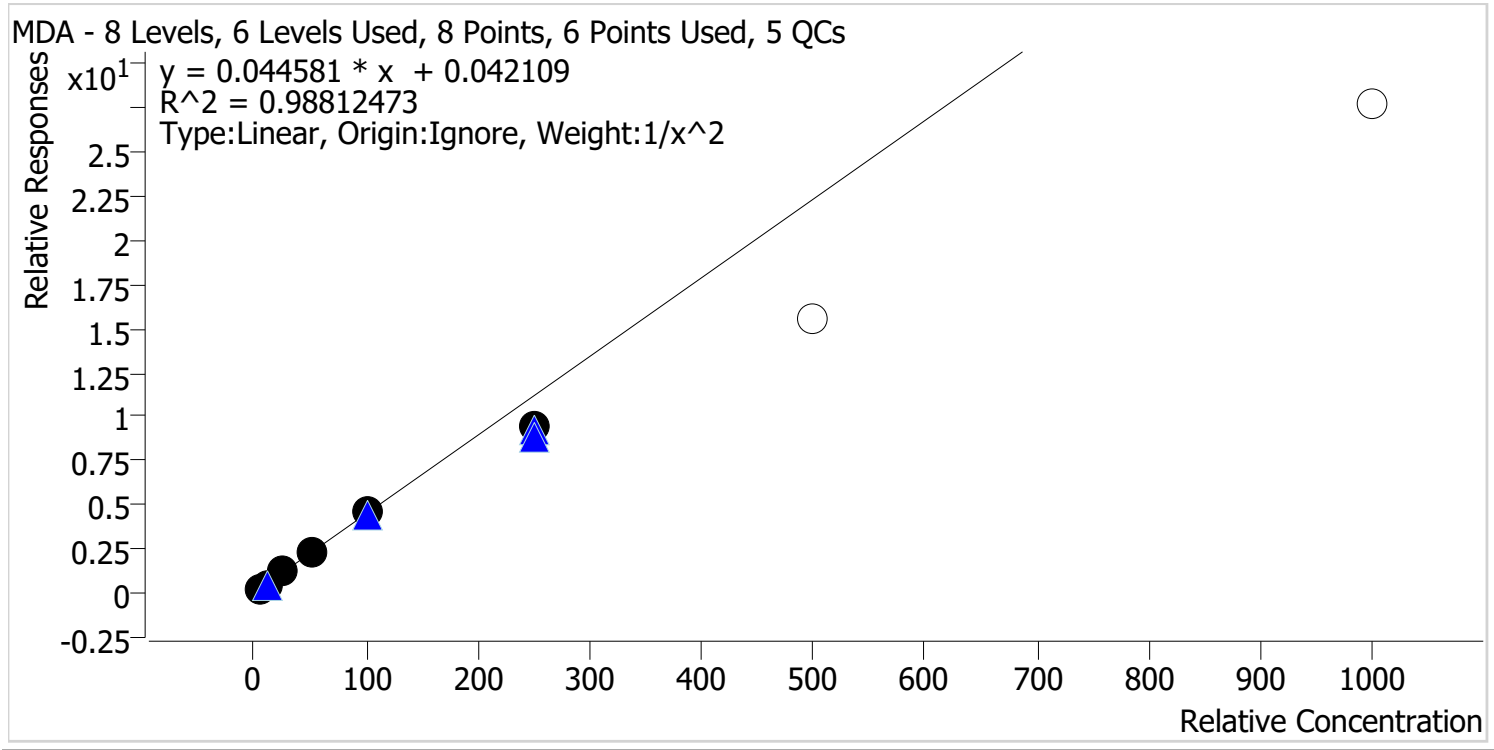
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4528981	∞	35.9	∞	317351	873.4832 ng/ml
Hydromorphone	1.615	4358670	22841408.11	76.1	10314286.90	123210	1008.7109 ng/ml
Hydroxyzine	5.708	7804980	7524.81	75.3	27951.35	161580	1287.0457 ng/ml
Ketamine	4.036	9115909	278476.82	35.4	20665.82	418116	760.4640 ng/ml
Lamotrigine	4.287	404528	12649.85	86.9	4054.28	788818	829.6653 ng/ml
Lorazepam	5.737	828091	34548.75	53.2	377.18	64915	1025.4298 ng/ml
MDA	3.184	6851843	11149.13	22.2	5742.67	245466	625.1937 ng/ml
MDMA	3.292	8720798	159250.25	85.7	51724.35	105559	931.6919 ng/ml
Meprobamate	4.895	1100397	10970.75	25.4	188.95	147446	376.1240 ng/ml
Methadone	5.663	17306276	1137.98	50.2	14242.04	532099	1020.4669 ng/ml
Methamphetamine	3.212	17013393	153646.33	35.9	2603.84	1168402	658.4018 ng/ml
Metoprolol	4.327	1754555	205138.46	104.6	169533.11	1108767	691.8428 ng/ml
Mirtazapine	4.627	22081786	444096.05	49.1	207785.75	527397	1127.9090 ng/ml
Mitragynine	5.230	2607403	479526.94	37.7	3741307.76	532099	928.8718 ng/ml
Morphine	1.253	623990	12933.25	25.6	∞	9733	962.1776 ng/ml
Norbuprenorphine	4.997	52077	321666.20	87.0	1149.74	20389	97.0313 ng/ml
Nordiazepam	5.884	2344329	14639.83	60.3	3085.69	71723	943.3374 ng/ml
Norfentanyl	4.085	1406304	59177.78	38.1	3443.53	265602	171.8787 ng/ml
Norhydrocodone	3.067	635119	149.51	41.3	136.83	50132	1311.3673 ng/ml
Noroxycodone	2.911	2605852	2501.25	49.2	5351.99	77112	974.9583 ng/ml
O-desmethyl-tramadol	3.372	24866415	227864.59	6.2	34404.90	1327555	996.3219 ng/ml
o-desmethylvenlafaxine	4.077	28995224	346067.85	16.0	6360.60	161810	1080.3241 ng/ml
Olanzapine	4.455	5338867	18918.87	59.2	39223.04	102755	1074.2964 ng/ml
Oxazepam	5.740	1058672	3900.77	71.5	3958.30	64915	991.4591 ng/ml
Oxycodone	2.822	7051274	2324.30	30.7	∞	406115	732.9203 ng/ml
Oxymorphone	1.411	3796835	7350.84	47.4	2502.85	118257	938.6814 ng/ml
Phentermine	3.774	4363613	∞	4.4	1859.62	846655	608.4827 ng/ml
Promethazine	5.541	15816613	121178.70	29.5	217801.50	593511	1018.6972 ng/ml
Pseudoephedrine	2.583	24326625	294281.35	15.0	146488.05	788818	1100.5823 ng/ml
Quetiapine	5.558	9377779	493.99	58.1	5348.57	181153	727.9609 ng/ml
Sertraline	5.780	950496	15184.91	91.5	27589.99	34304	1075.1871 ng/ml
Temazepam	5.814	2534883	168.37	30.6	4967.46	141270	950.3411 ng/ml
Tramadol	4.239	18471990	788.35	3.7	796.98	1108767	816.0915 ng/ml
Trazodone	5.141	11888571	386584.83	70.5	185794.93	549461	804.8211 ng/ml
Venlafaxine	5.042	21233715	∞	33.4	3777.39	1048617	1057.2394 ng/ml
Zolpidem	4.898	19916851	3098.71	28.2	7200.30	1337989	748.8459 ng/ml

2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	210.4	84.2
p1 Cal 7-500ng	7	x	500.0	347.1	69.4
p1 Cal 8-1000ng	8	x	1000.0	620.7	62.1

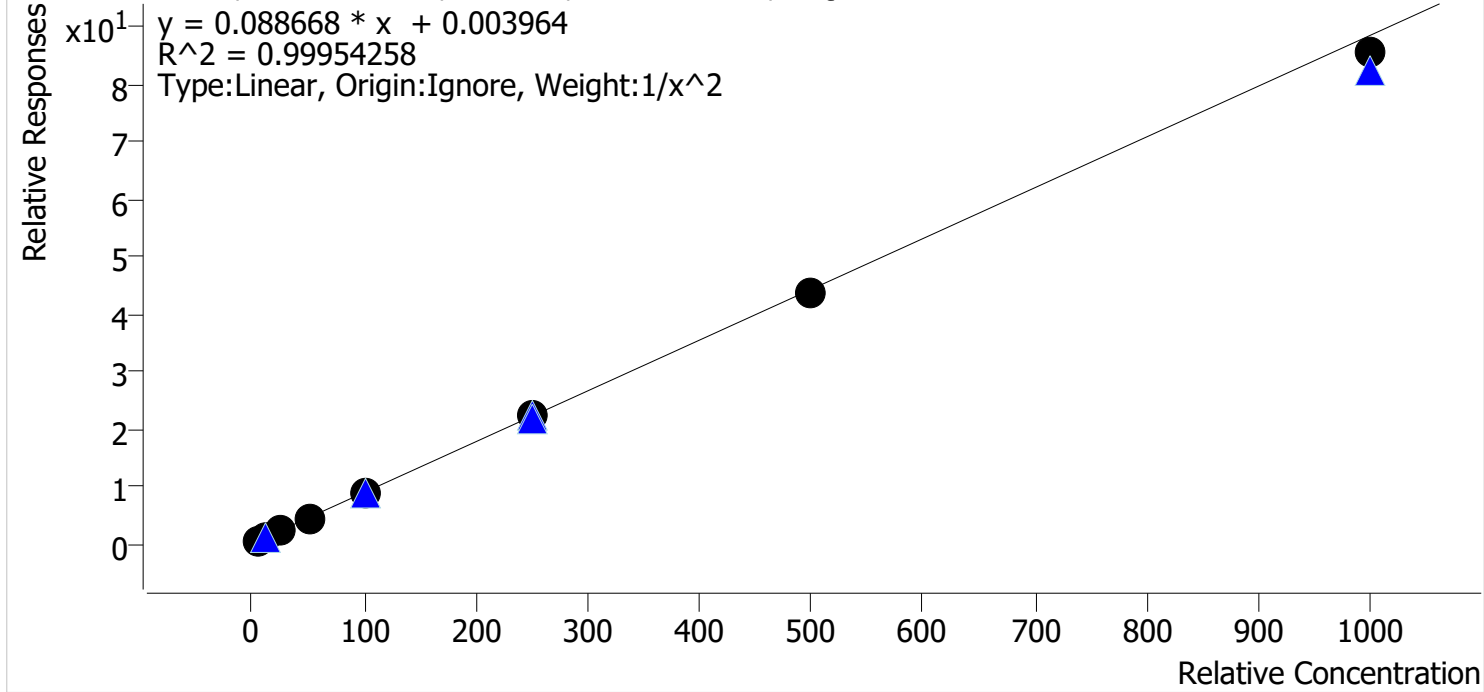
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



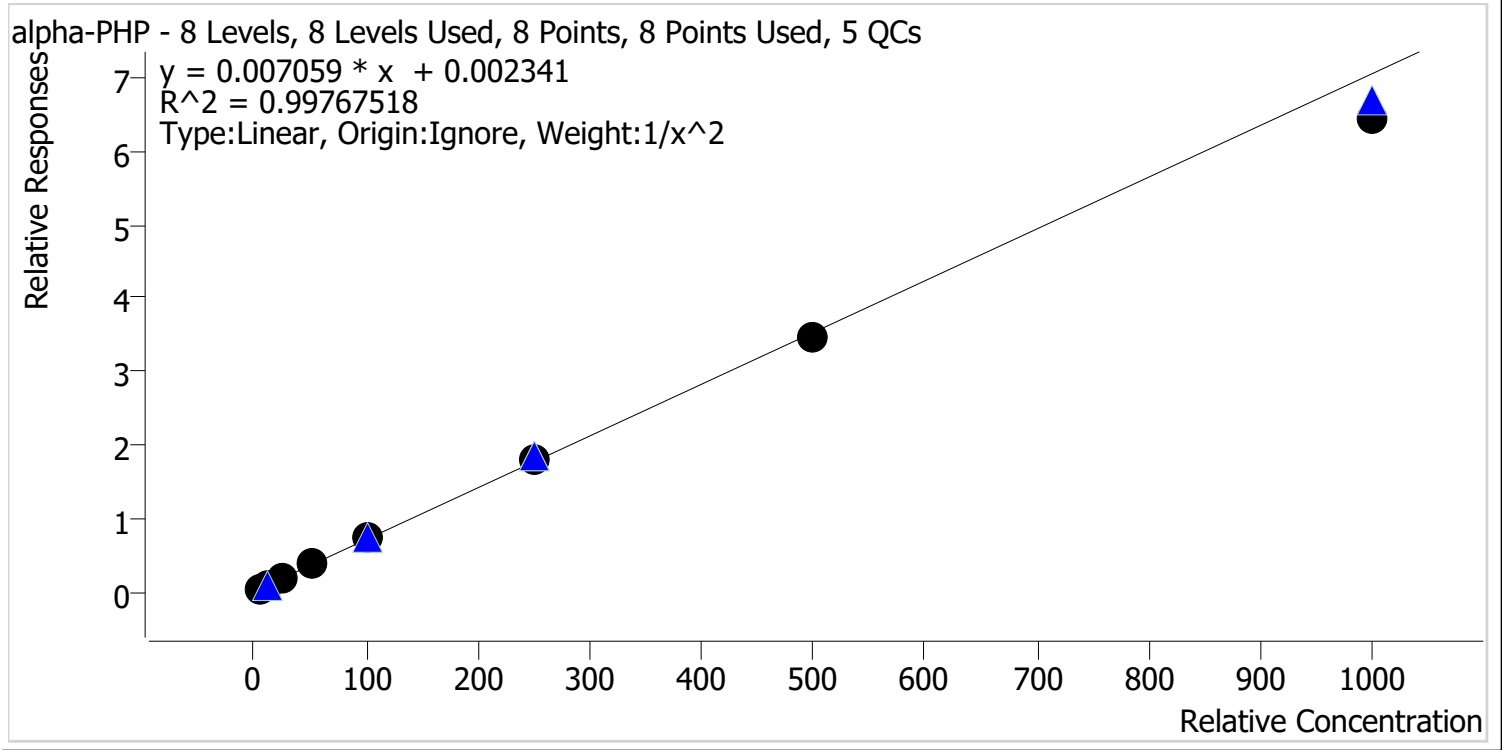
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	254.7	101.9
p1 Cal 7-500ng	7	✓	500.0	490.5	98.1
p1 Cal 8-1000ng	8	✓	1000.0	966.1	96.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

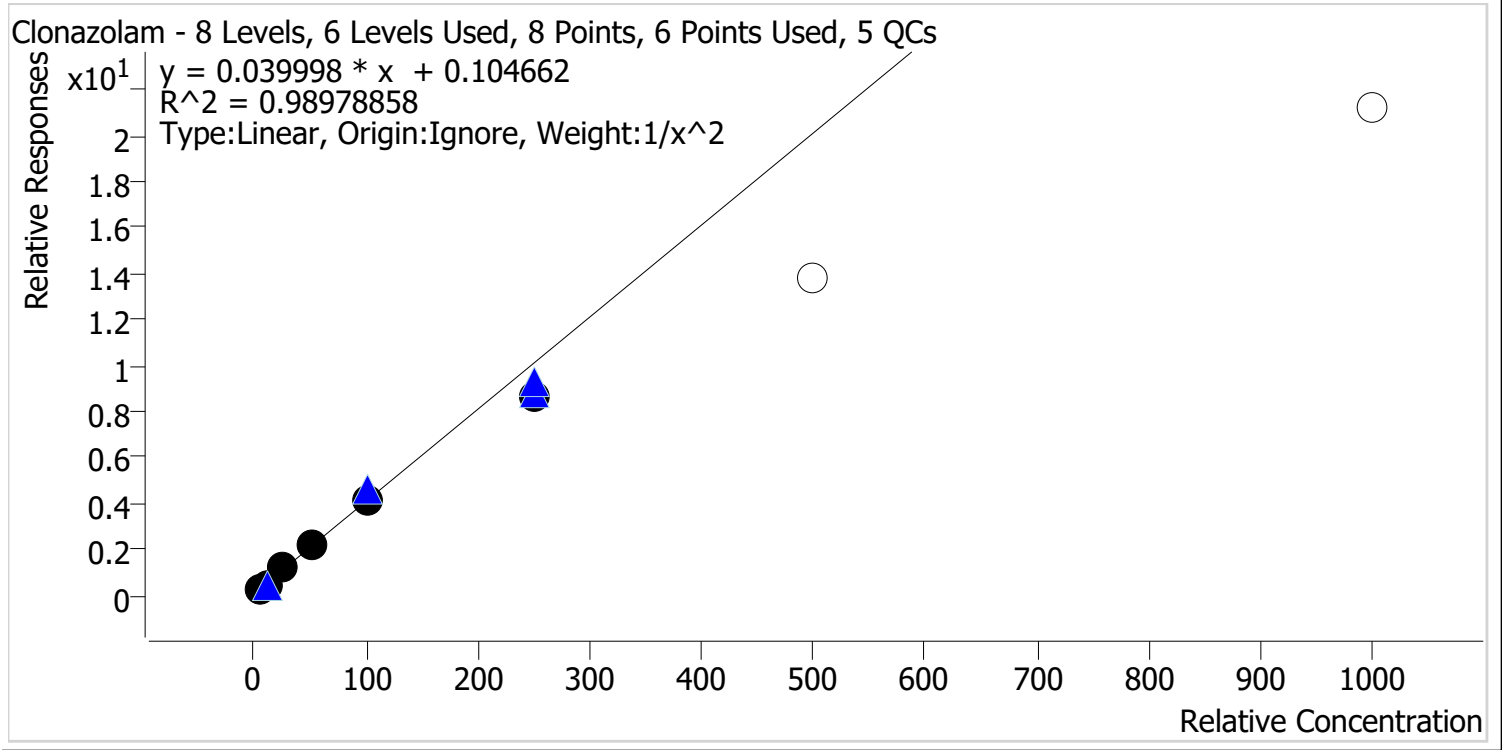


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	252.1	100.9
p1 Cal 7-500ng	7	✓	500.0	488.7	97.7
p1 Cal 8-1000ng	8	✓	1000.0	914.9	91.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datator
Analyte Clonazolam **Internal Standard** Clonazepam-D4

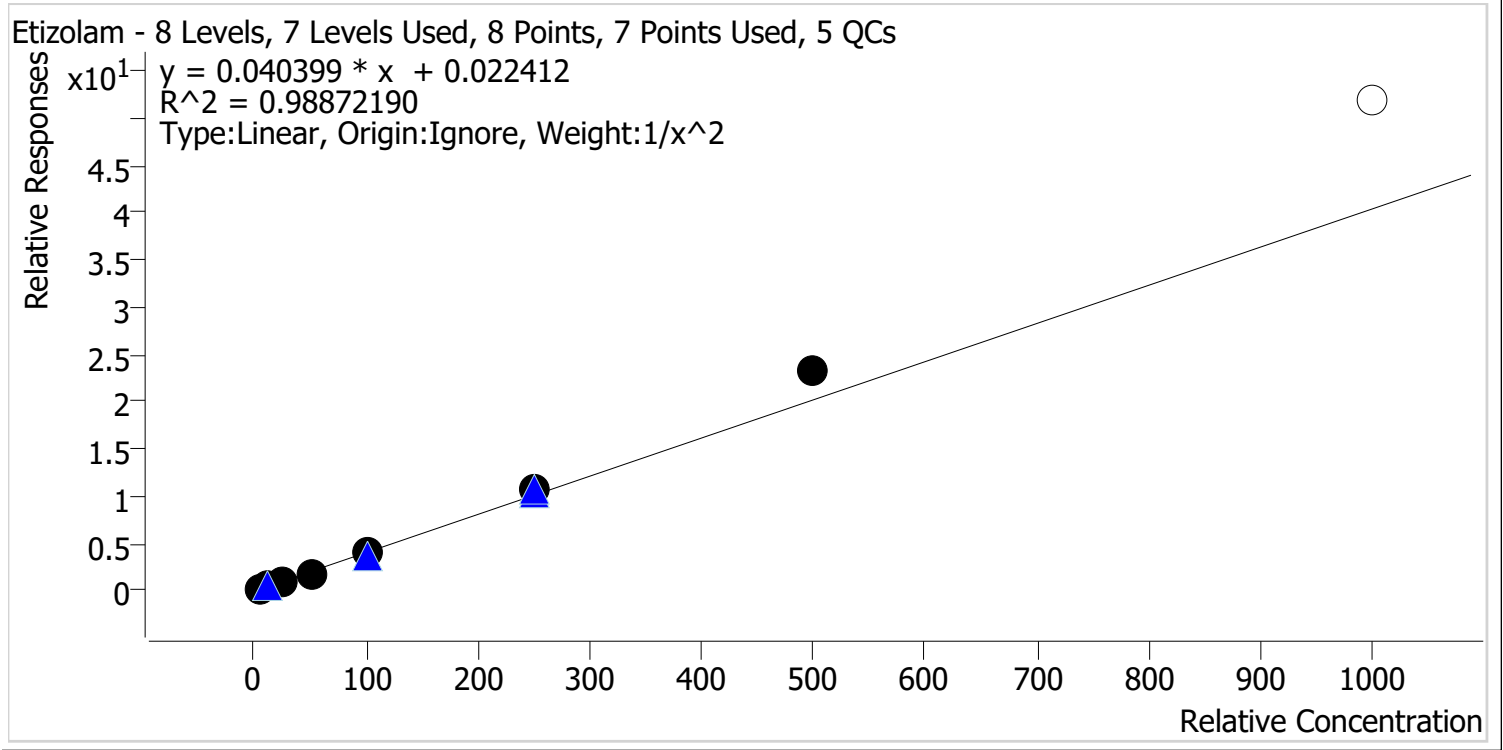


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.8
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	214.7	85.9
p1 Cal 7-500ng	7	✗	500.0	342.8	68.6
p1 Cal 8-1000ng	8	✗	1000.0	529.1	52.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



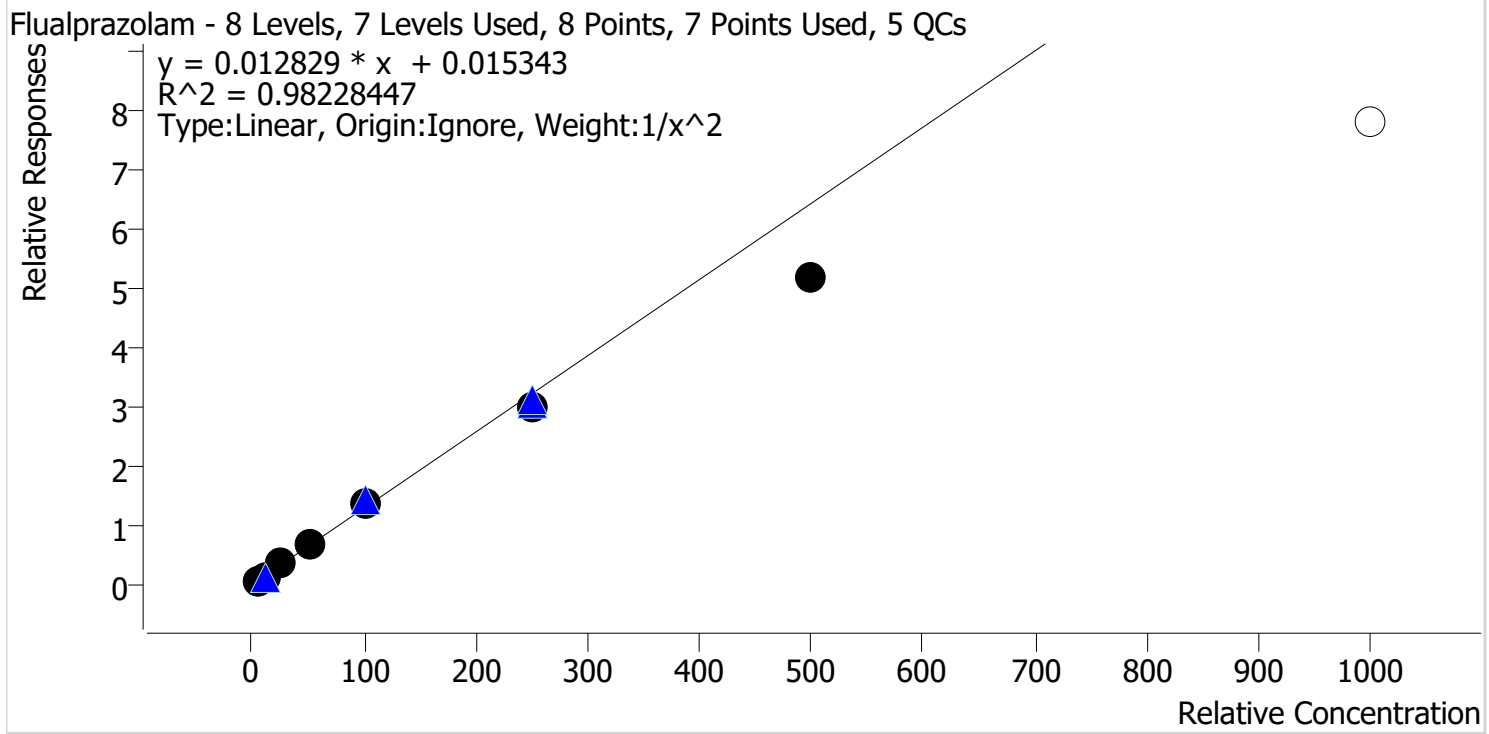
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.8
p1 Cal 2-10ng	2	✓	10.0	9.1	90.6
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.9
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	262.4	105.0
p1 Cal 7-500ng	7	✓	500.0	573.3	114.7
p1 Cal 8-1000ng	8	✗	1000.0	1283.8	128.4

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 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	4.6	92.3
p1 Cal 2-10ng	2	✓	10.0	11.0	110.2
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.5
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	231.4	92.6
p1 Cal 7-500ng	7	✓	500.0	405.0	81.0
p1 Cal 8-1000ng	8	✗	1000.0	605.0	60.5

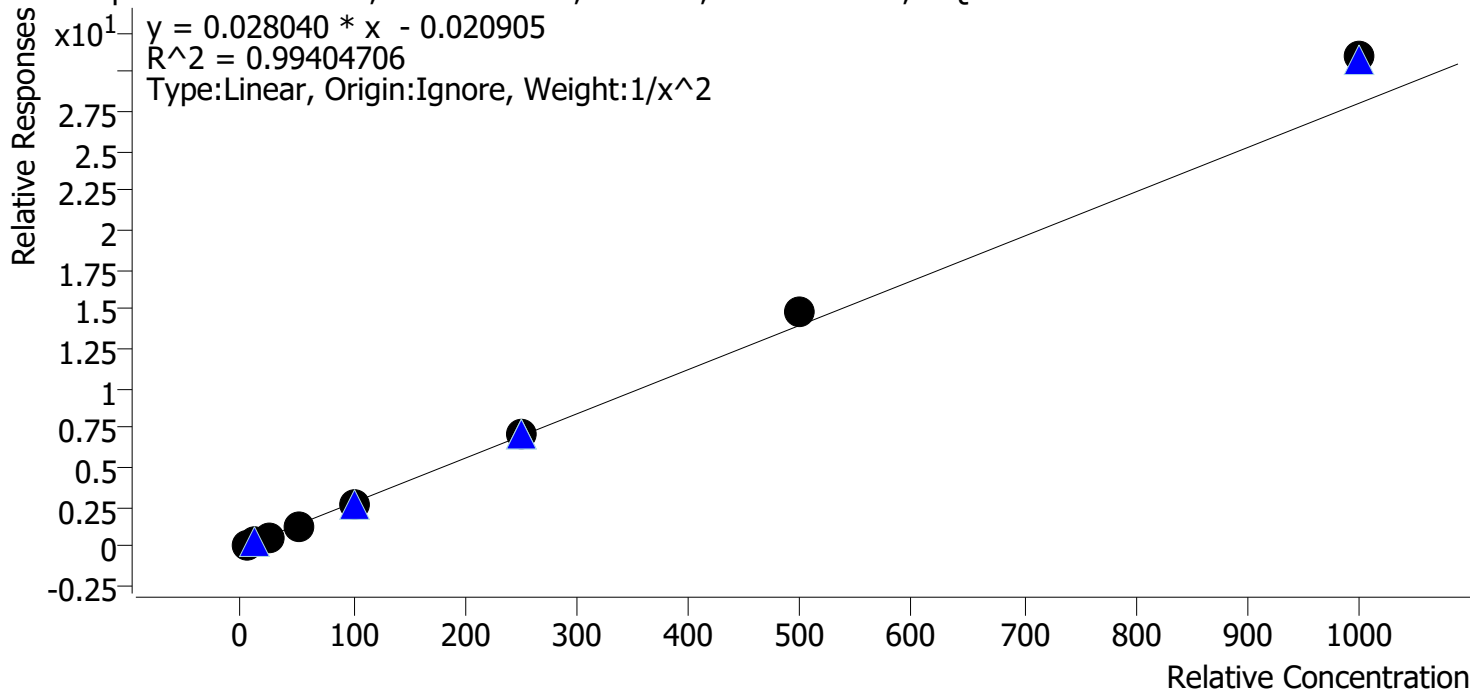
5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



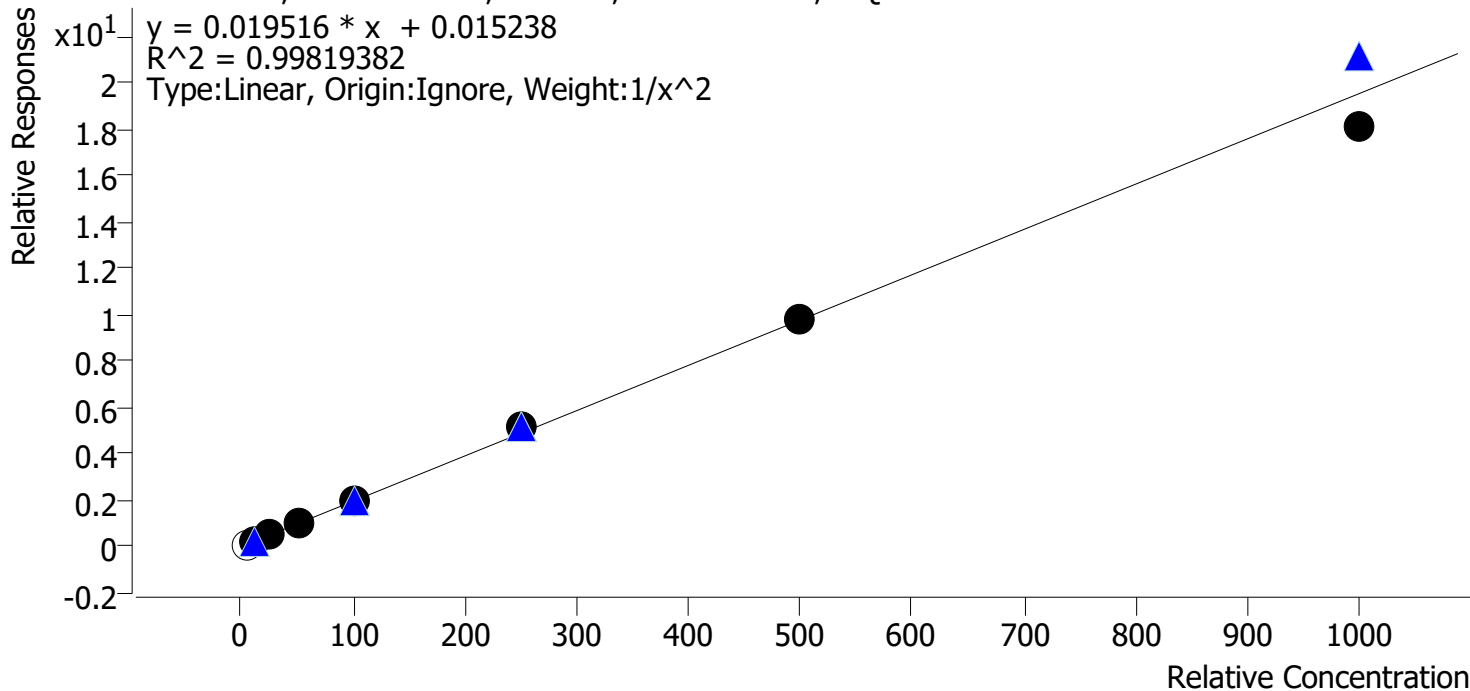
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.6
p1 Cal 4-50ng	4	✓	50.0	45.8	91.7
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	256.1	102.4
p1 Cal 7-500ng	7	✓	500.0	528.2	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1105.0	110.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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



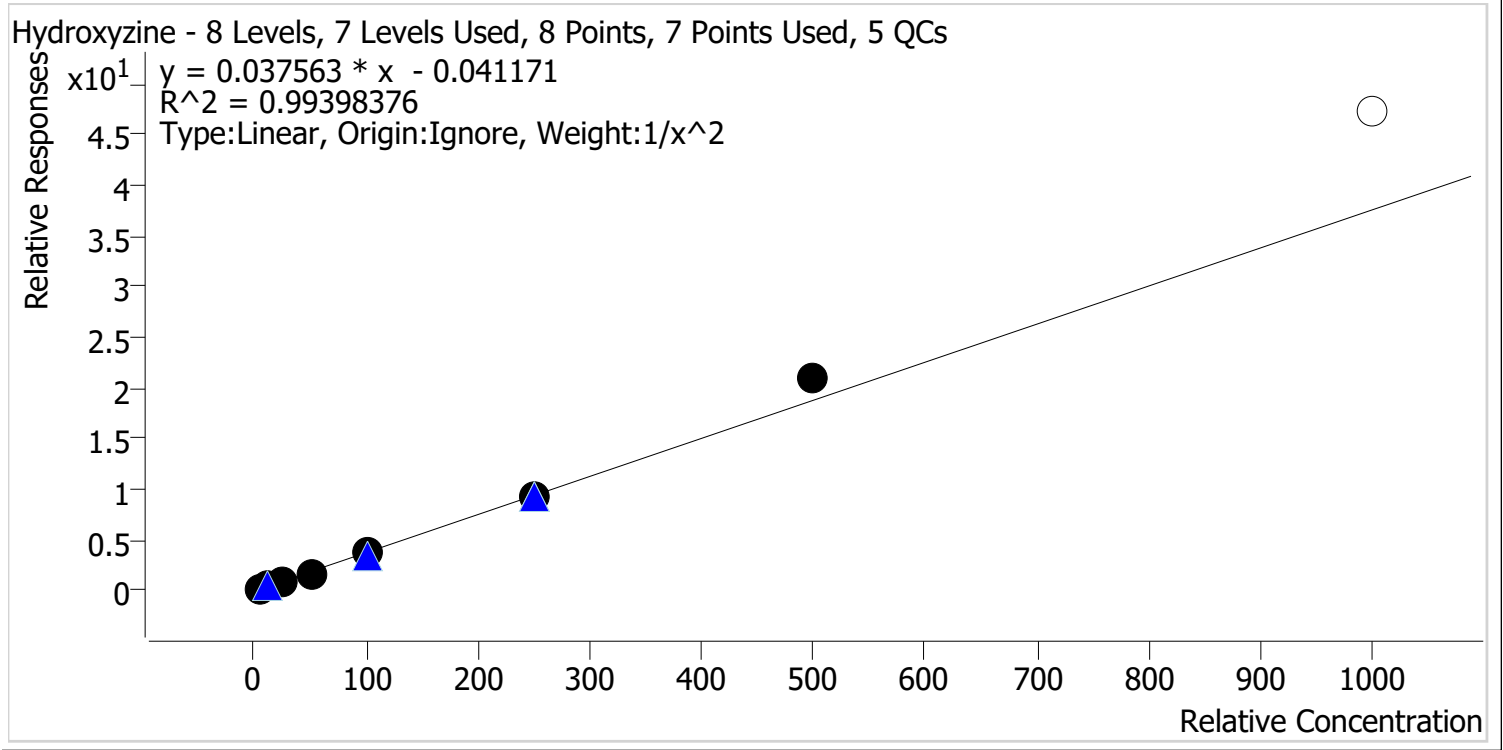
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	3.9	77.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	262.6	105.1
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	931.3	93.1

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



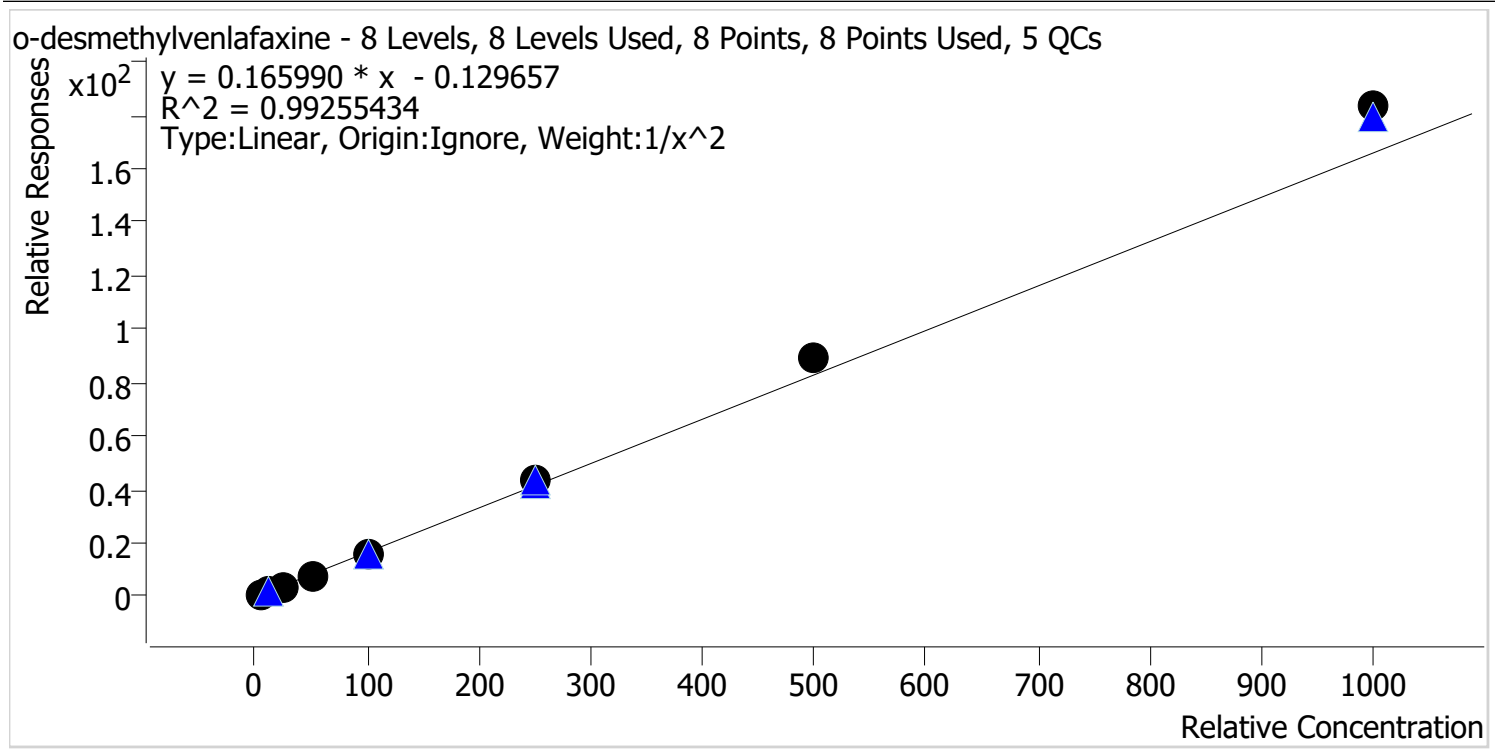
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.8
p1 Cal 4-50ng	4	✓	50.0	46.6	93.3
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	562.8	112.6
p1 Cal 8-1000ng	8	✗	1000.0	1259.3	125.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



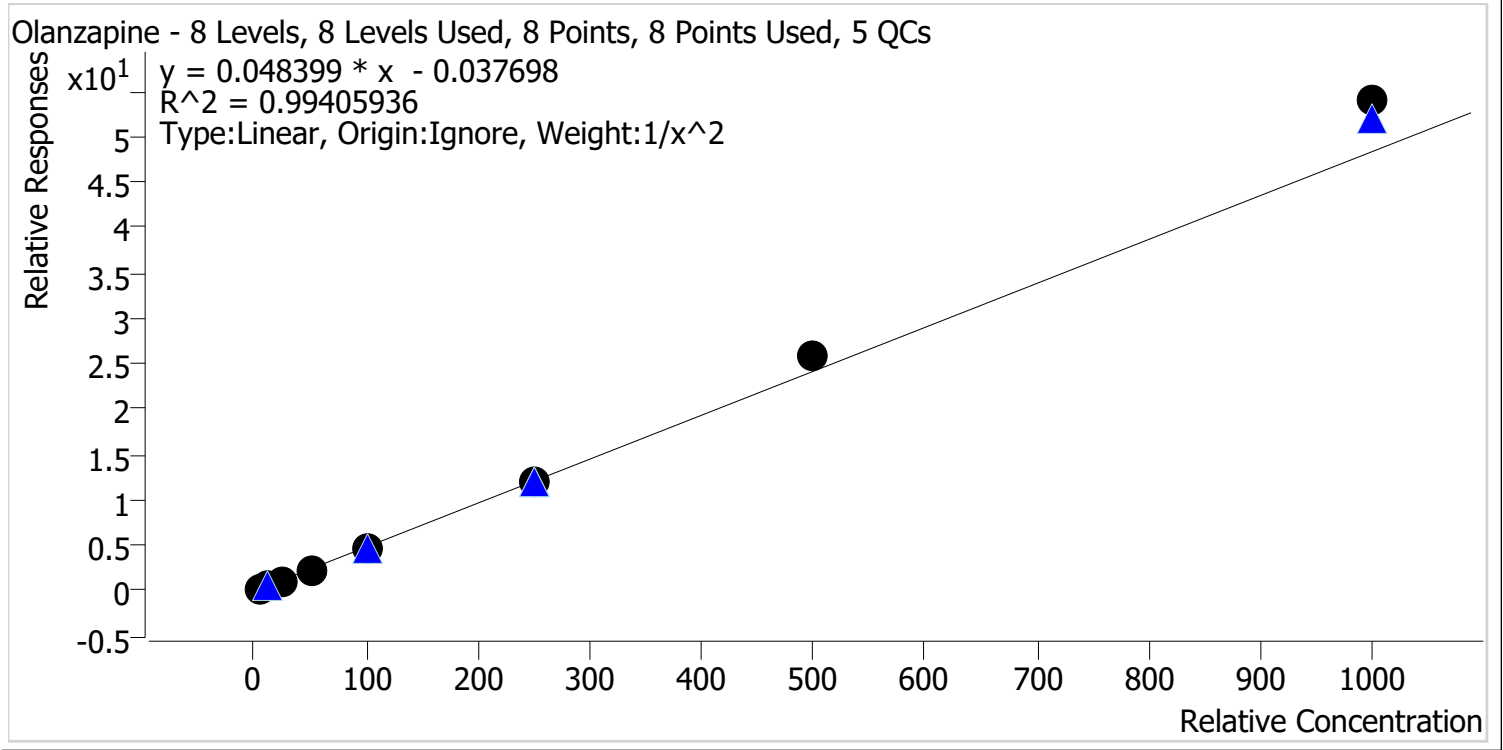
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.9
p1 Cal 4-50ng	4	✓	50.0	45.0	90.0
p1 Cal 5-100ng	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng	6	✓	250.0	260.1	104.0
p1 Cal 7-500ng	7	✓	500.0	536.9	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1105.2	110.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

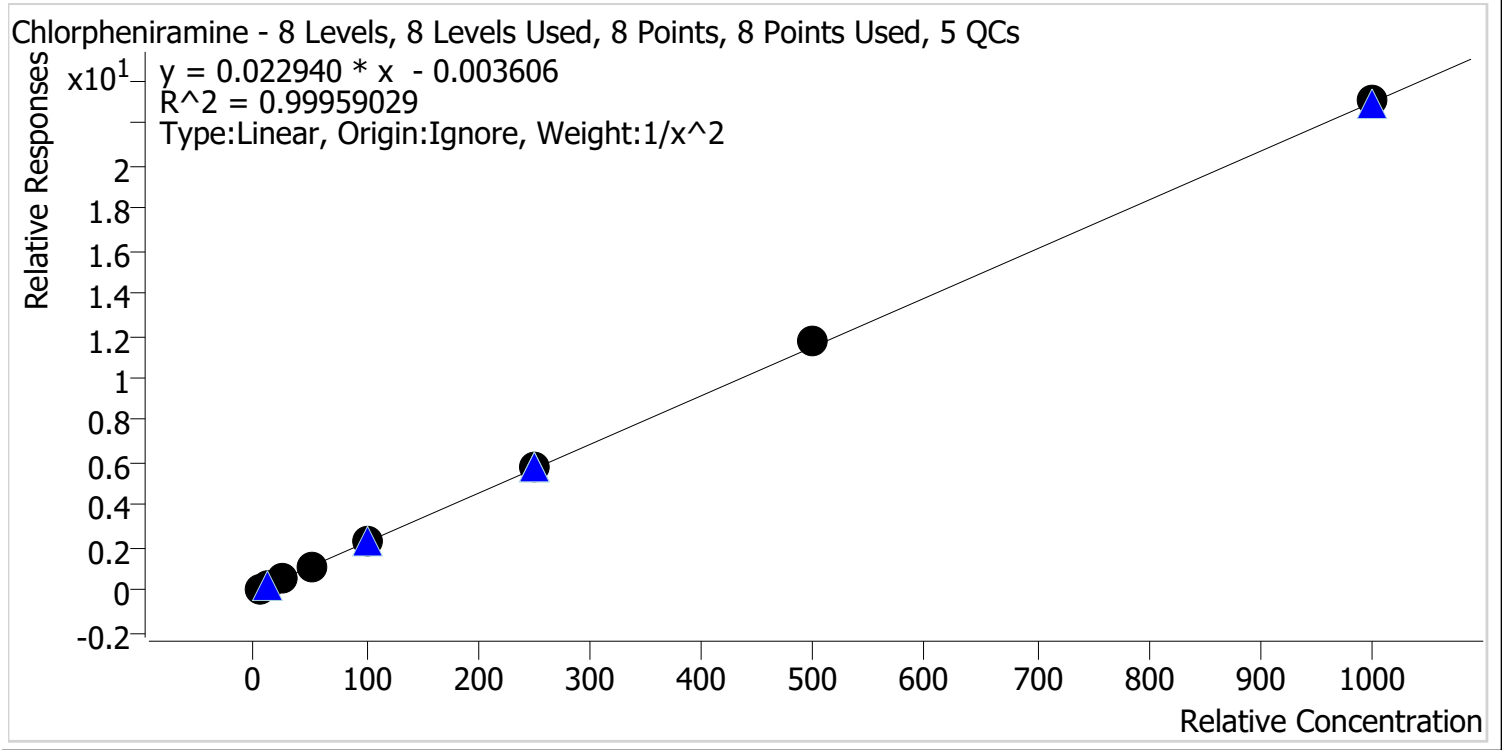


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	533.3	106.7
p1 Cal 8-1000ng	8	✓	1000.0	1116.1	111.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

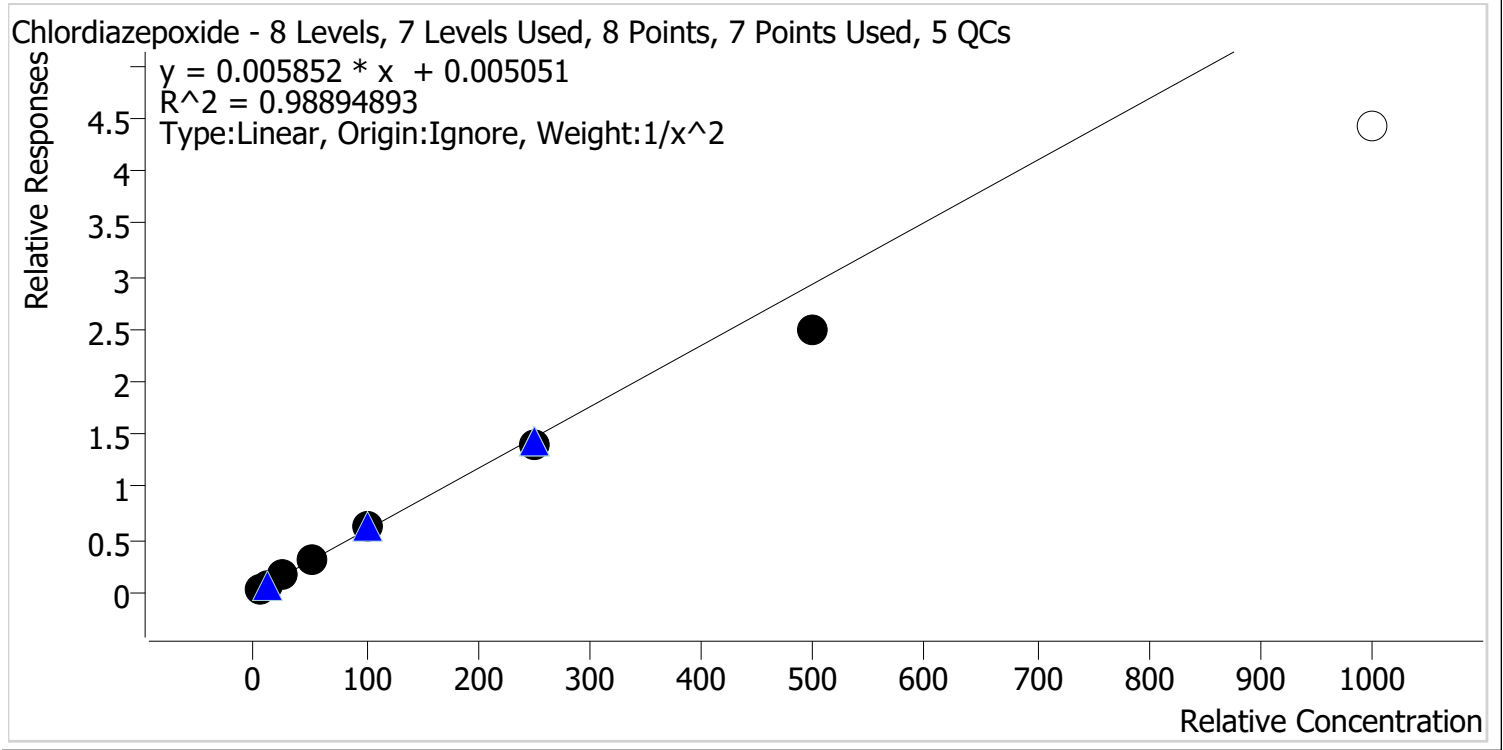


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	253.5	101.4
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1003.7	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5

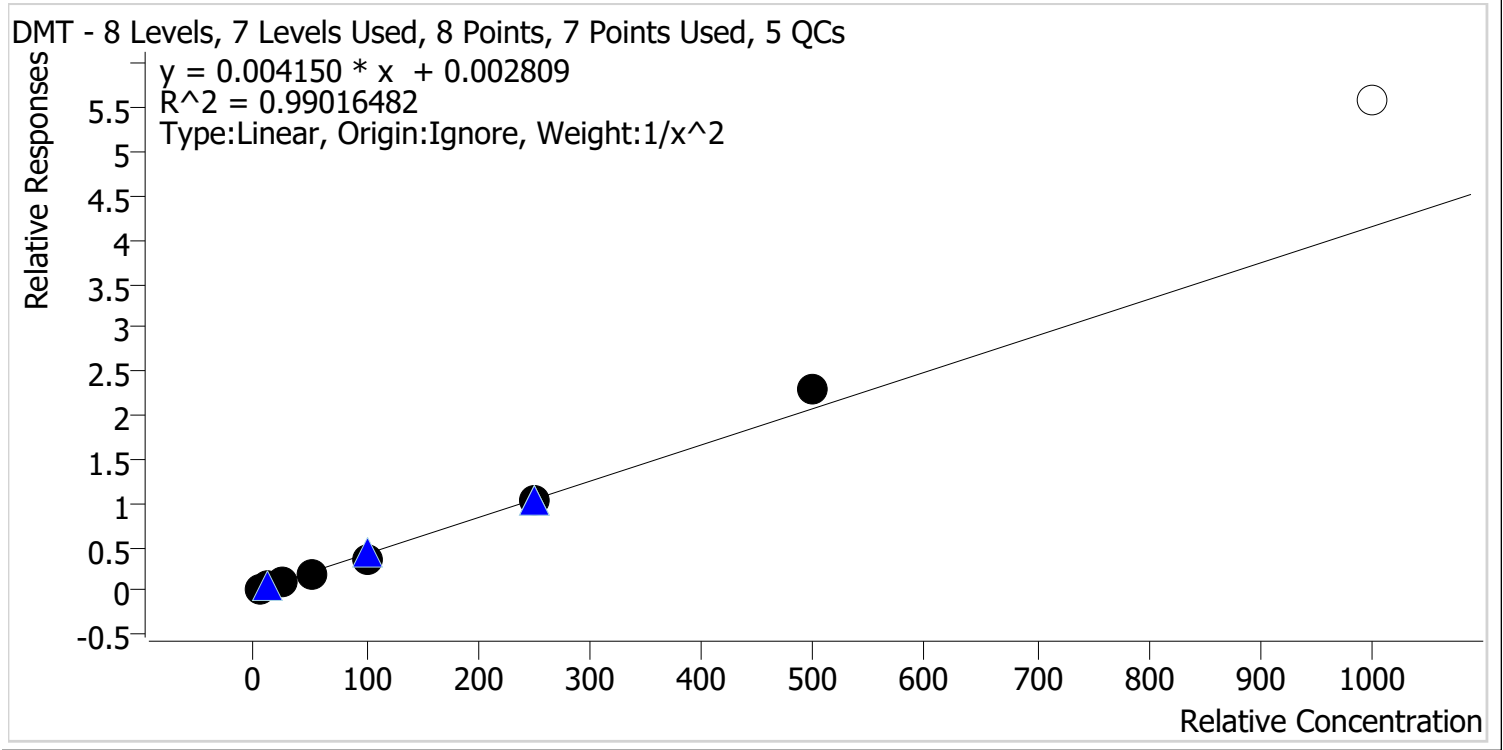


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	28.2	112.6
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	236.5	94.6
p1 Cal 7-500ng	7	✓	500.0	425.7	85.1
p1 Cal 8-1000ng	8	✗	1000.0	756.1	75.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

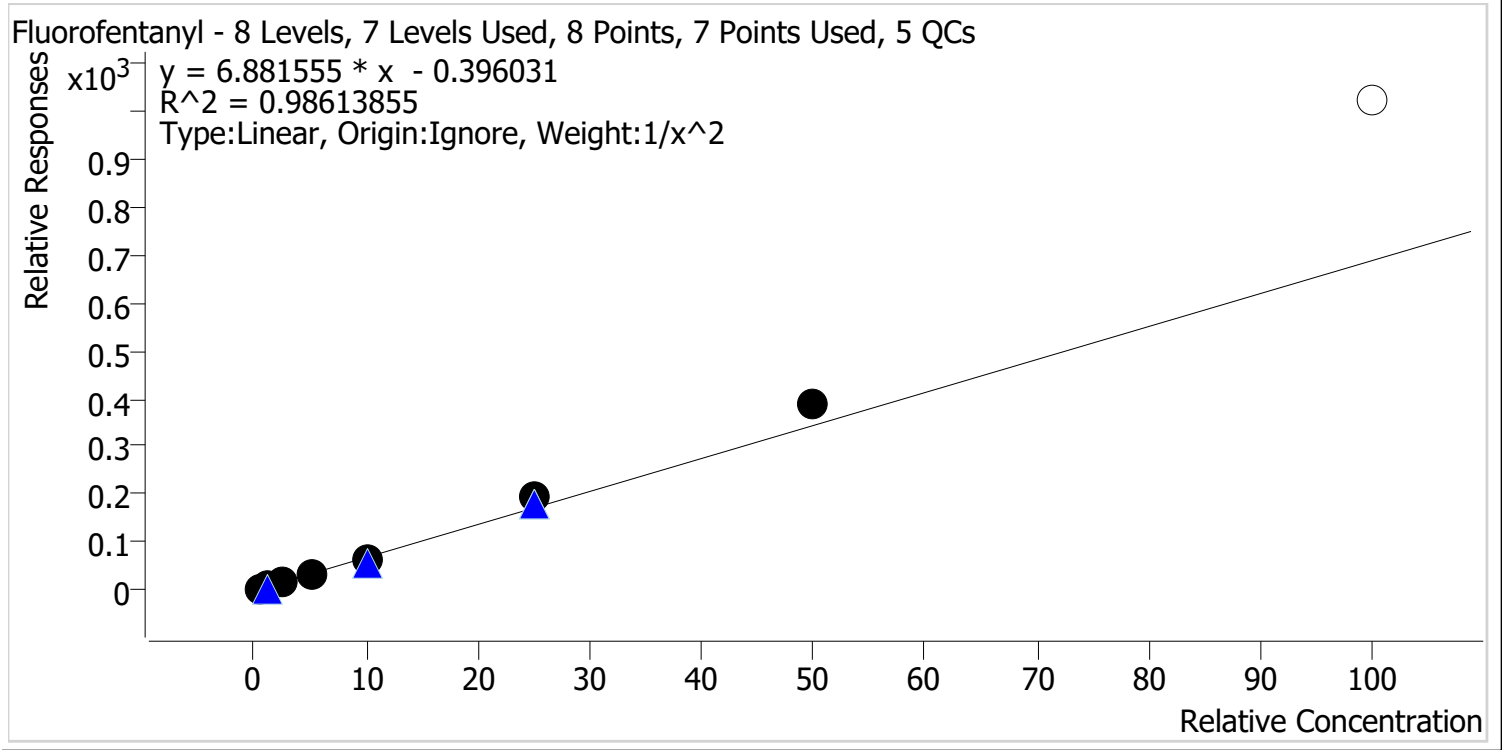


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	11.1	110.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.7
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	89.0	89.0
p1 Cal 6-250ng	6	✓	250.0	244.0	97.6
p1 Cal 7-500ng	7	✓	500.0	556.4	111.3
p1 Cal 8-1000ng	8	✗	1000.0	1346.2	134.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5

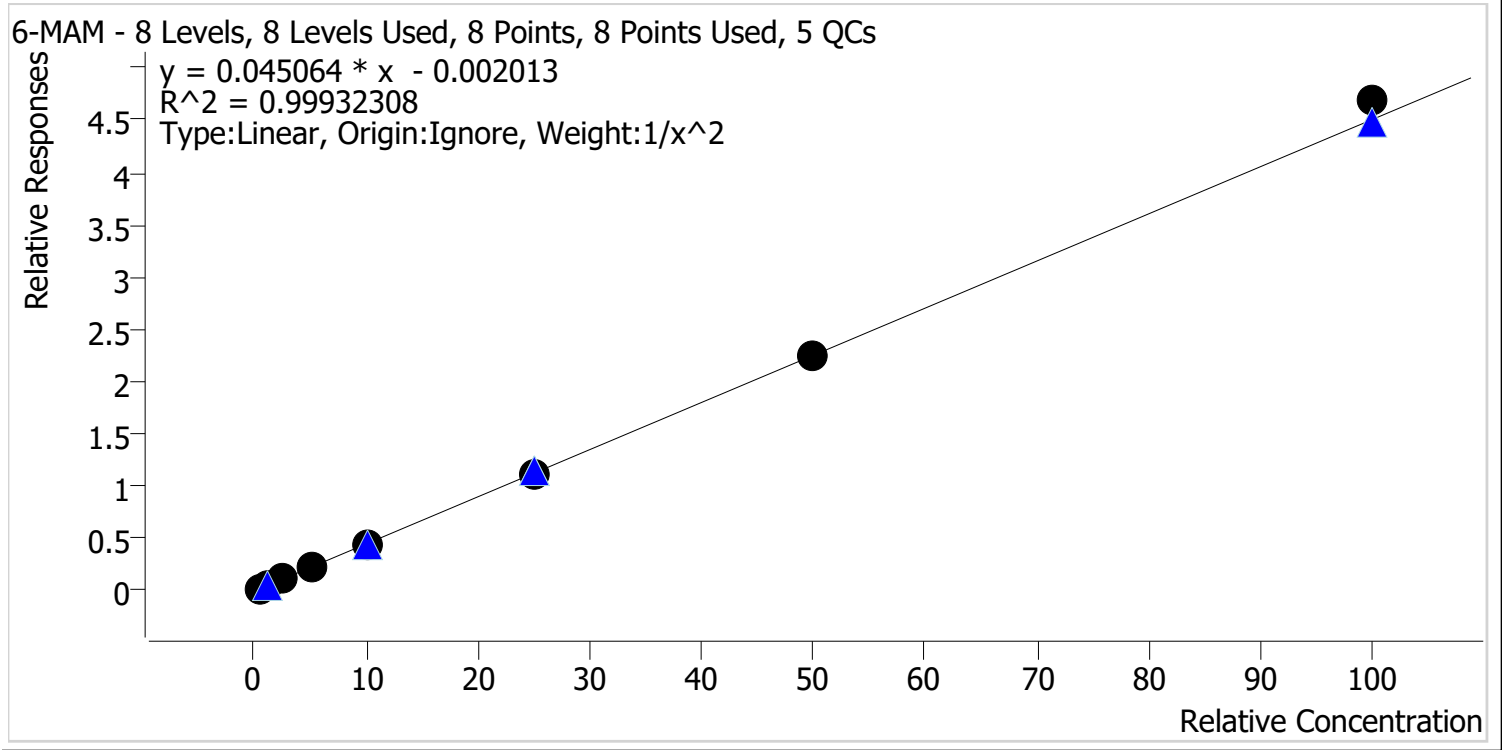


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.0
p1 Cal 3 -25ng	3	✓	2.5	2.2	87.8
p1 Cal 4-50ng	4	✓	5.0	4.7	93.0
p1 Cal 5-100ng	5	✓	10.0	9.4	93.8
p1 Cal 6-250ng	6	✓	25.0	27.9	111.7
p1 Cal 7-500ng	7	✓	50.0	56.6	113.2
p1 Cal 8-1000ng	8	✗	100.0	148.5	148.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

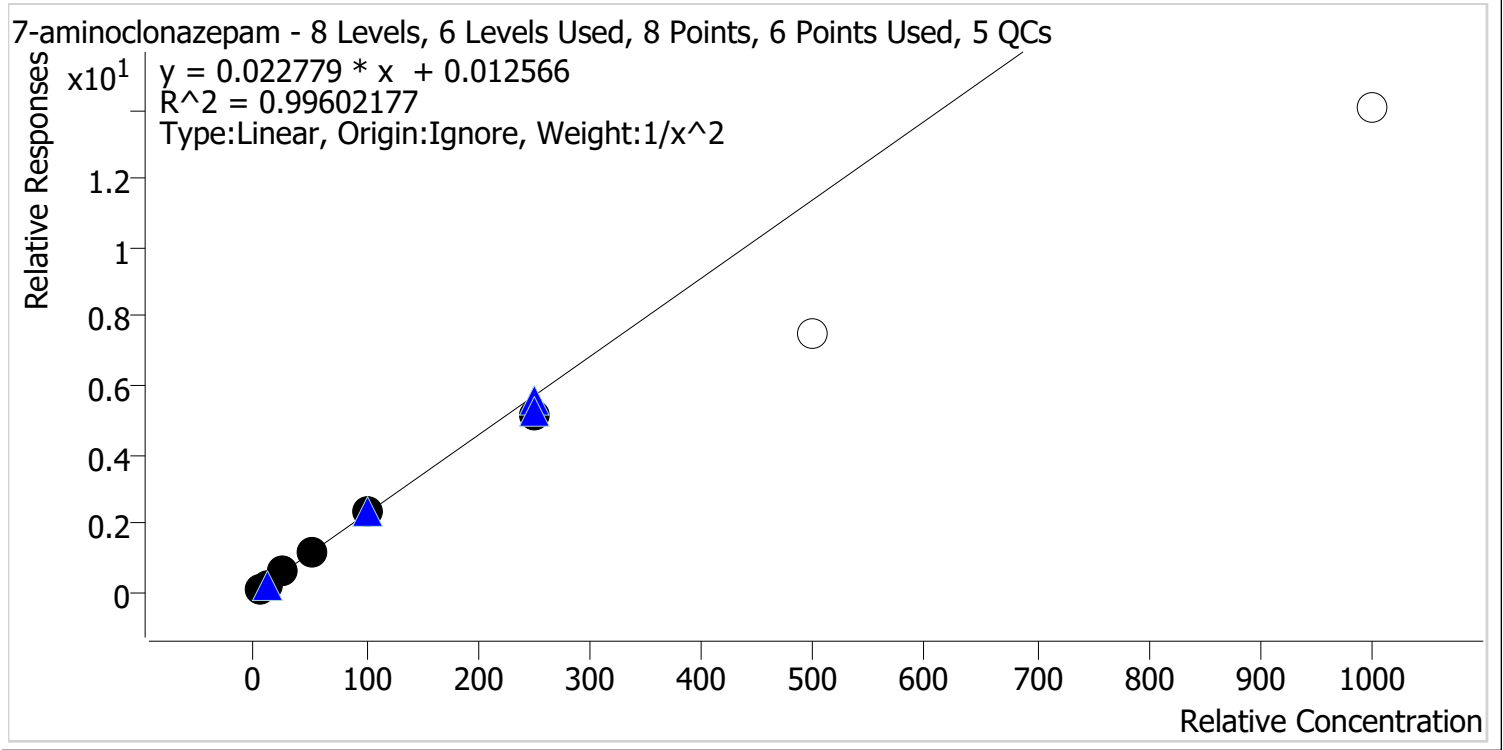


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.7
p1 Cal 2-10ng	2	✓	1.0	1.0	98.4
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.3
p1 Cal 4-50ng	4	✓	5.0	4.8	97.0
p1 Cal 5-100ng	5	✓	10.0	9.9	99.0
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
p1 Cal 8-1000ng	8	✓	100.0	104.0	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



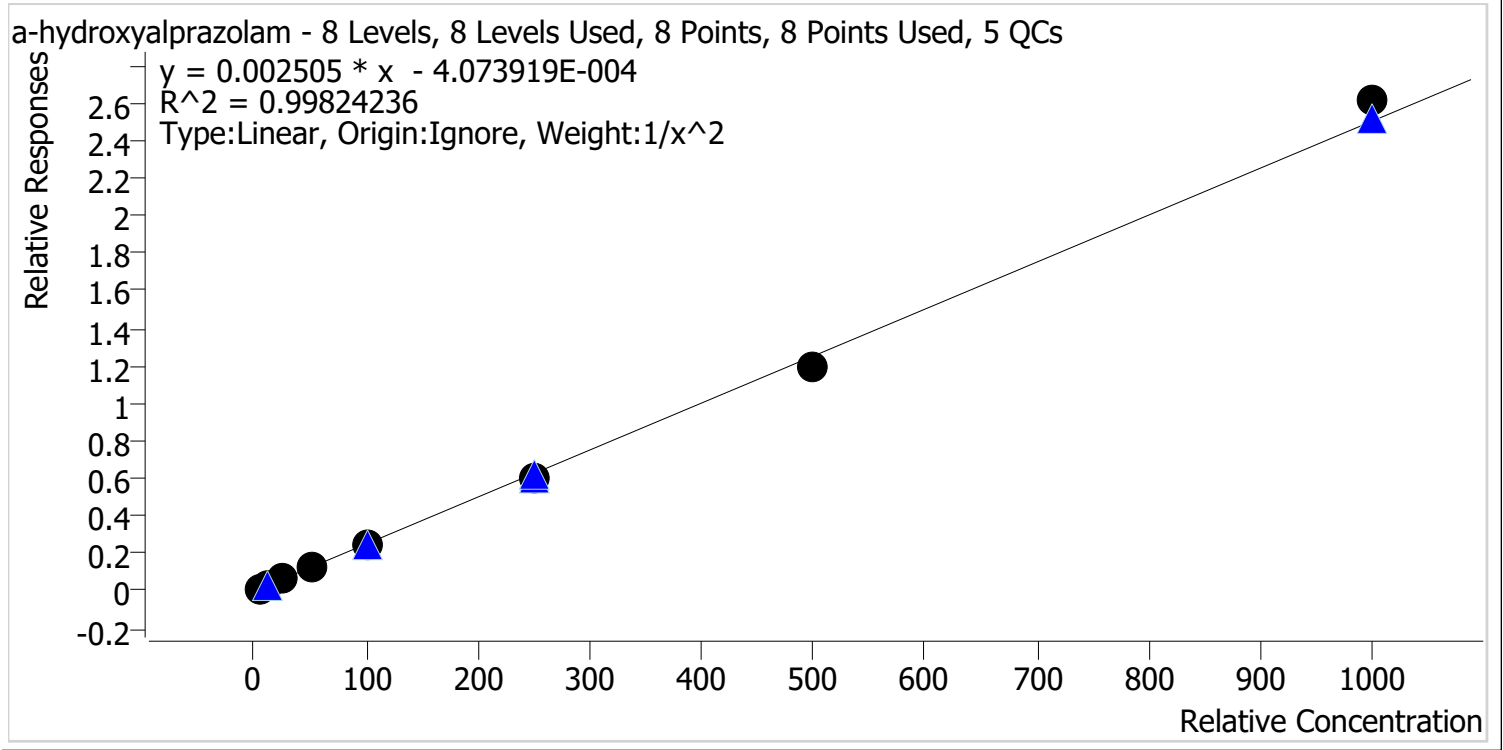
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	226.9	90.8
p1 Cal 7-500ng	7	✗	500.0	328.4	65.7
p1 Cal 8-1000ng	8	✗	1000.0	616.5	61.6



Cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5



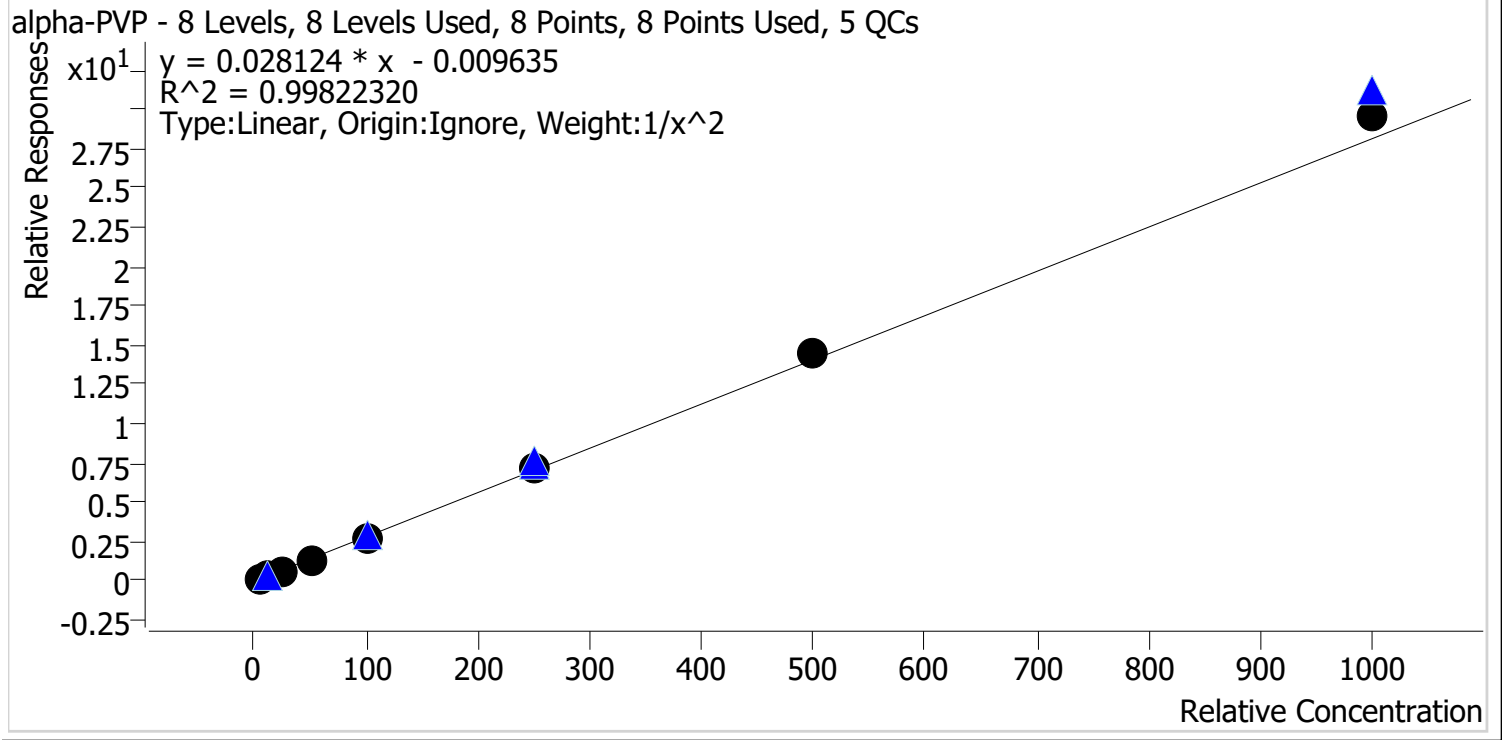
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.8
p1 Cal 4-50ng	4	✓	50.0	50.0	99.9
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	237.9	95.2
p1 Cal 7-500ng	7	✓	500.0	479.3	95.9
p1 Cal 8-1000ng	8	✓	1000.0	1043.7	104.4

Cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8



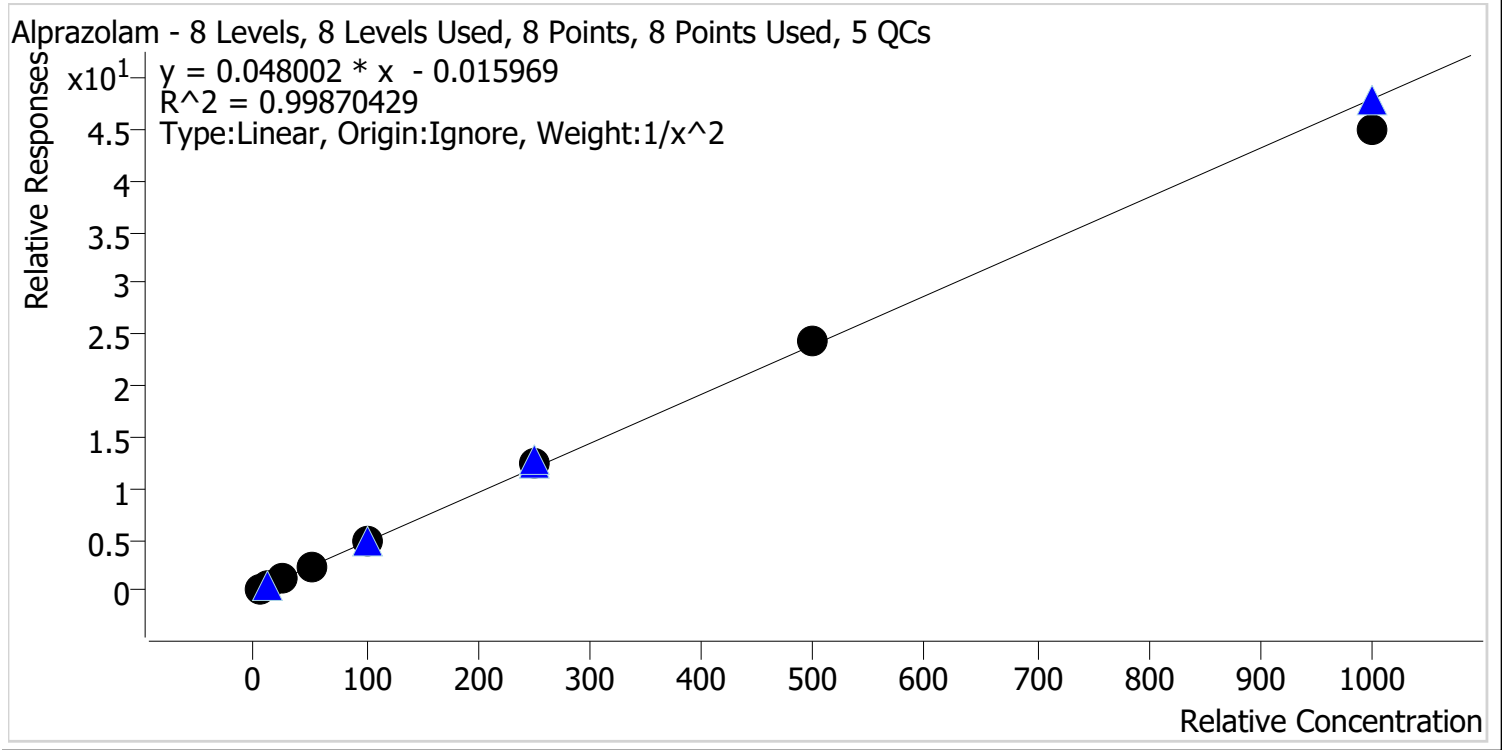
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	47.3	94.7
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1051.0	105.1

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

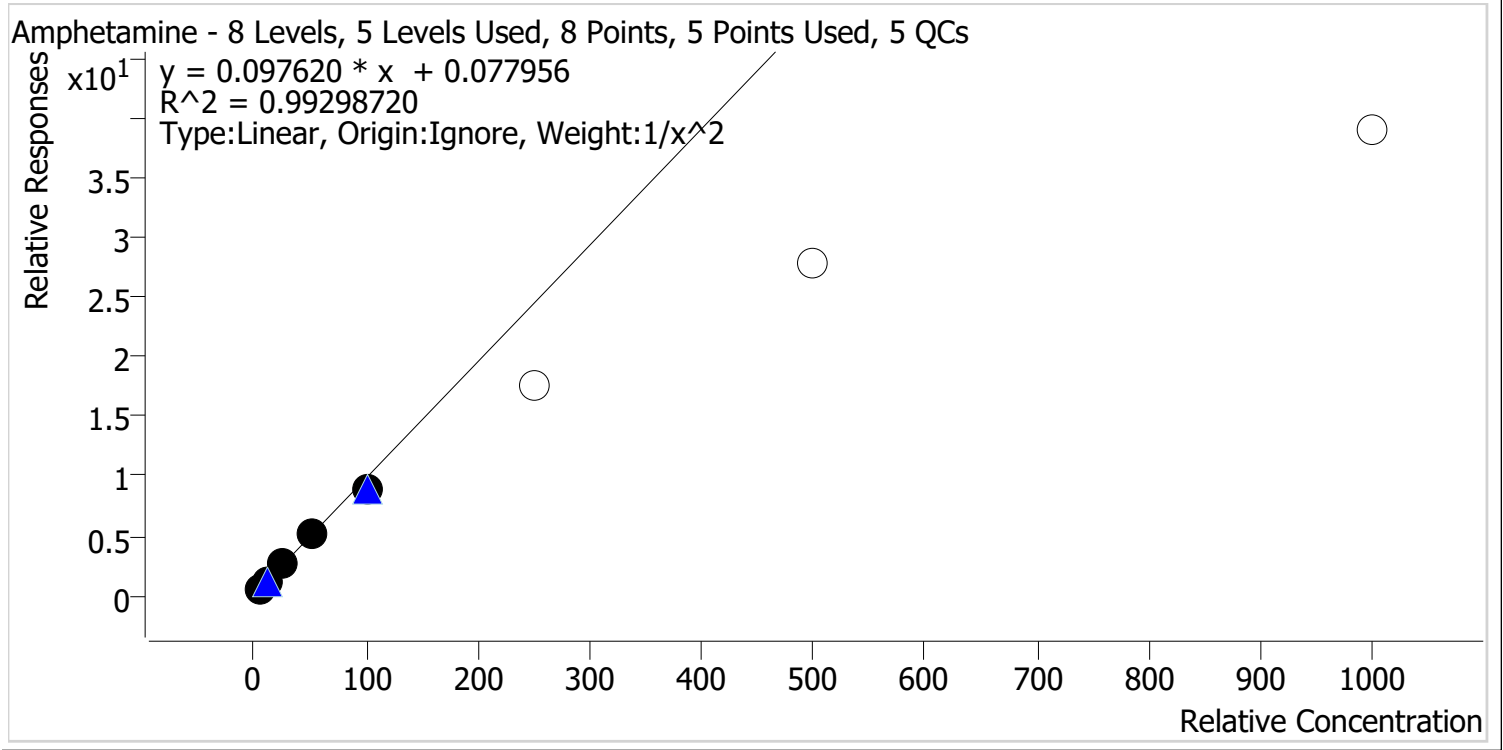


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	258.3	103.3
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	941.3	94.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



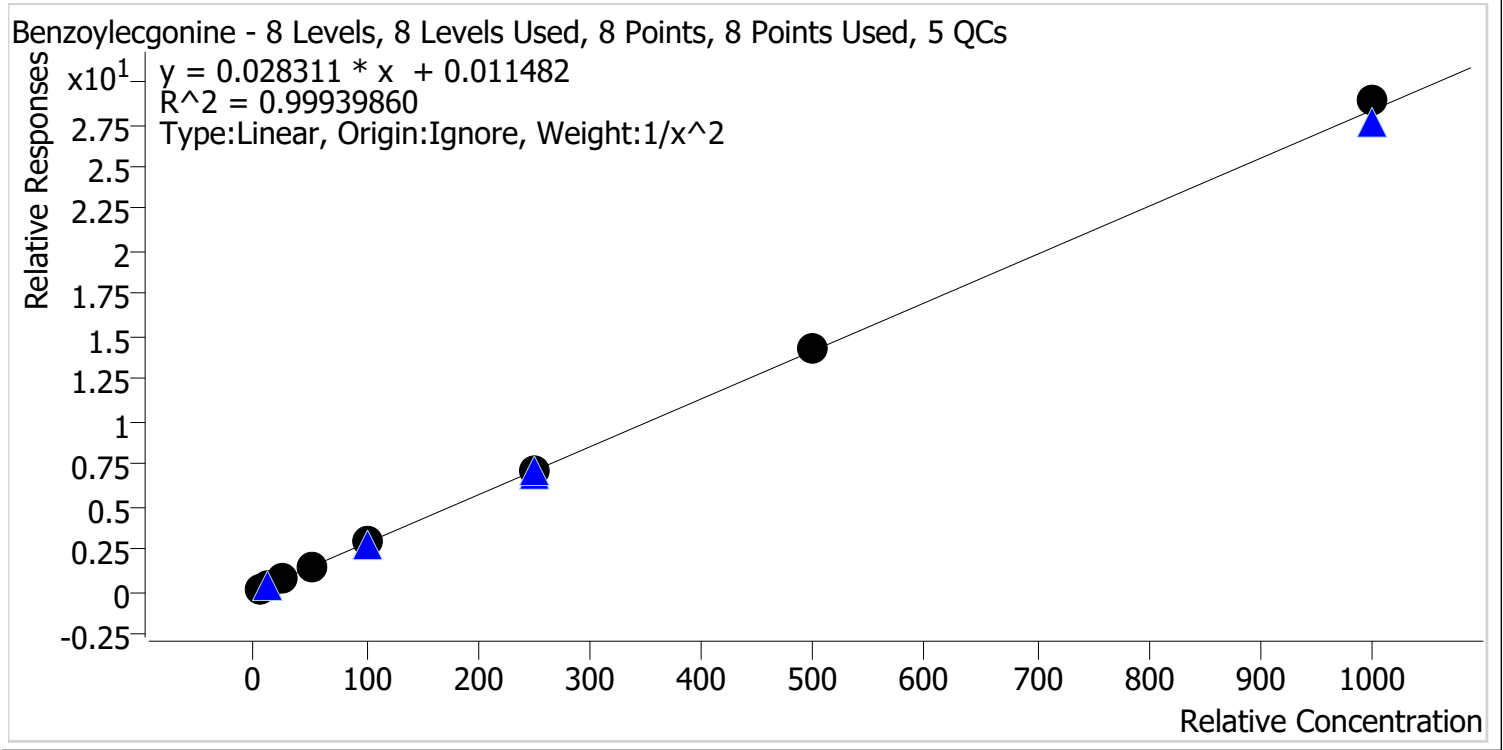
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	90.1	90.1
p1 Cal 6-250ng	6	✗	250.0	179.4	71.7
p1 Cal 7-500ng	7	✗	500.0	284.3	56.9
p1 Cal 8-1000ng	8	✗	1000.0	399.2	39.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

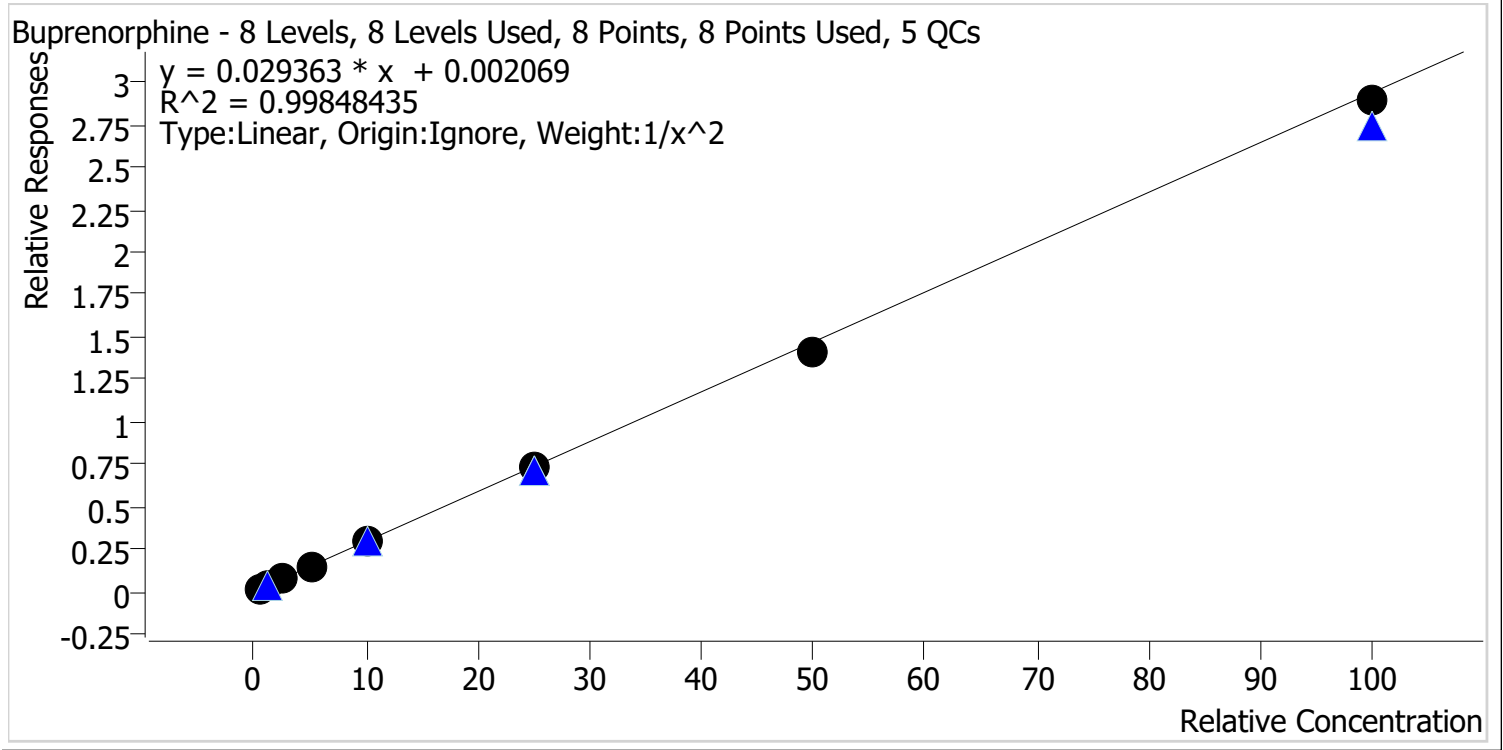


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	247.3	98.9
p1 Cal 7-500ng	7	✓	500.0	505.2	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1020.1	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



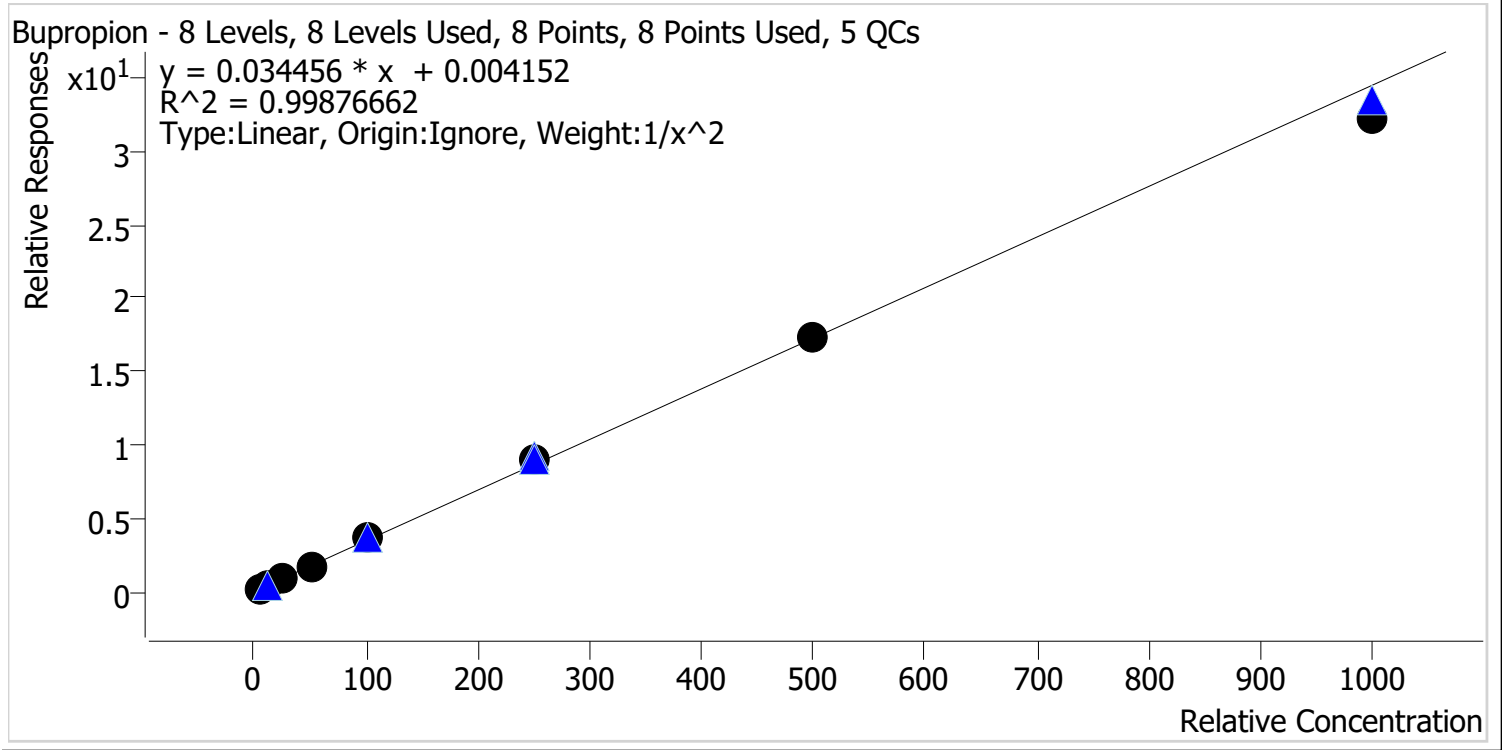
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.4
p1 Cal 2-10ng	2	✓	1.0	1.0	98.1
p1 Cal 3 -25ng	3	✓	2.5	2.7	107.3
p1 Cal 4-50ng	4	✓	5.0	5.1	101.2
p1 Cal 5-100ng	5	✓	10.0	10.1	101.0
p1 Cal 6-250ng	6	✓	25.0	24.6	98.4
p1 Cal 7-500ng	7	✓	50.0	48.1	96.2
p1 Cal 8-1000ng	8	✓	100.0	98.4	98.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	504.0	100.8
p1 Cal 8-1000ng	8	✓	1000.0	931.9	93.2

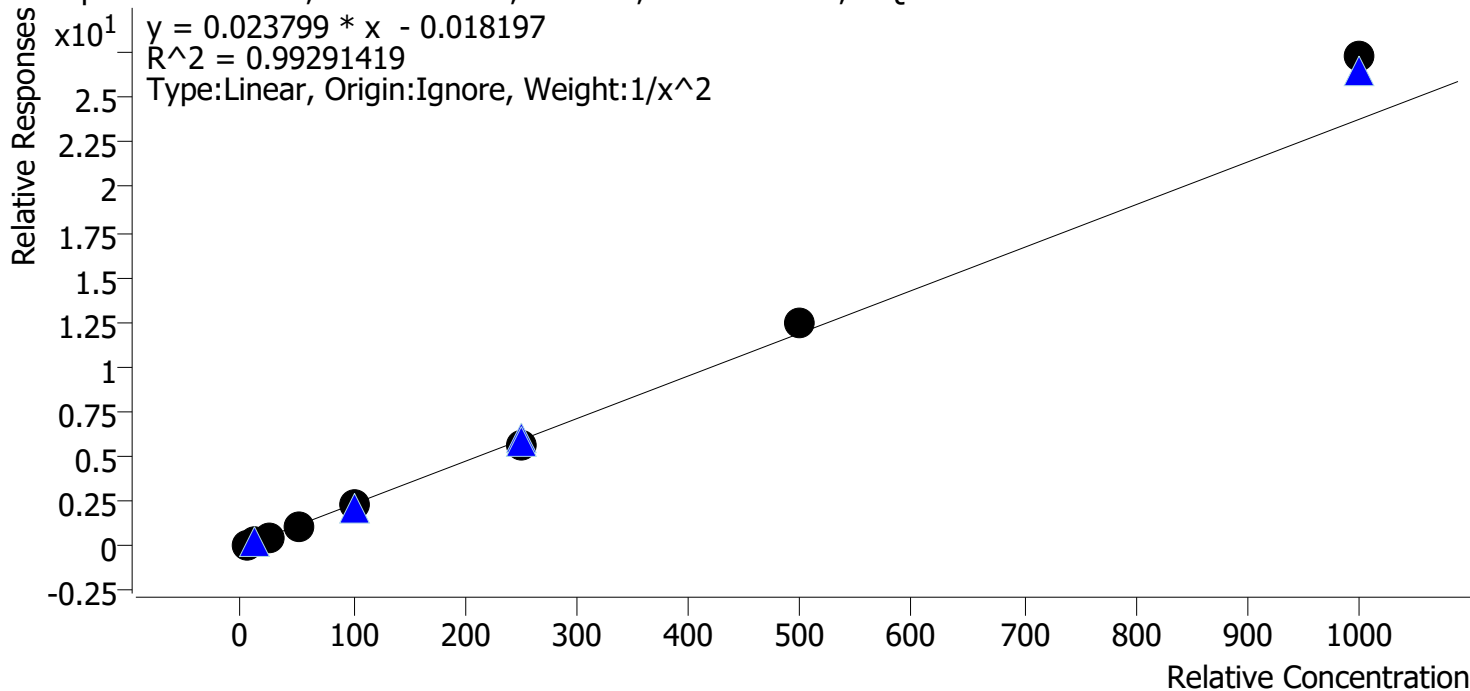
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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

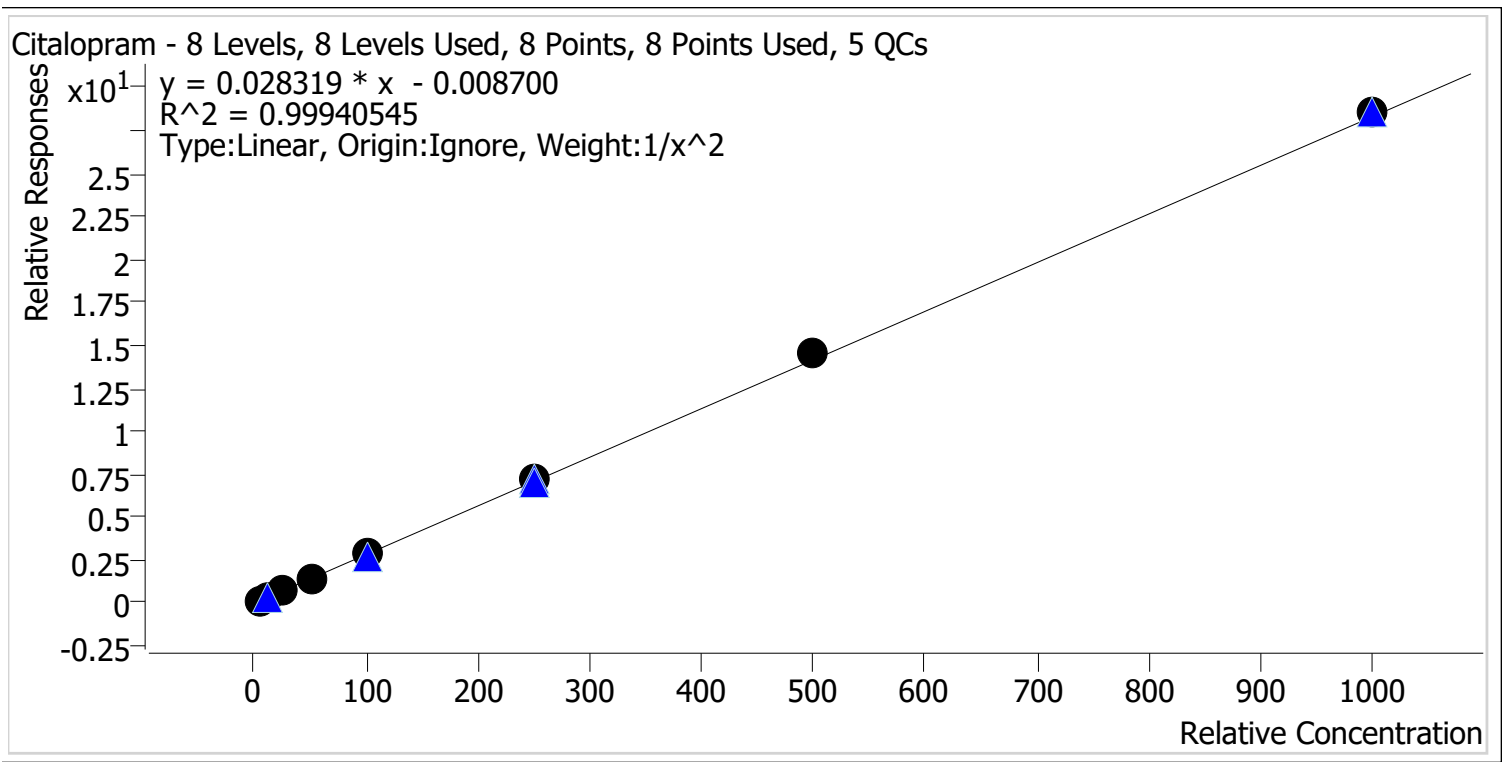


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.6
p1 Cal 4-50ng	4	✓	50.0	47.3	94.7
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	240.7	96.3
p1 Cal 7-500ng	7	✓	500.0	523.9	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1146.6	114.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



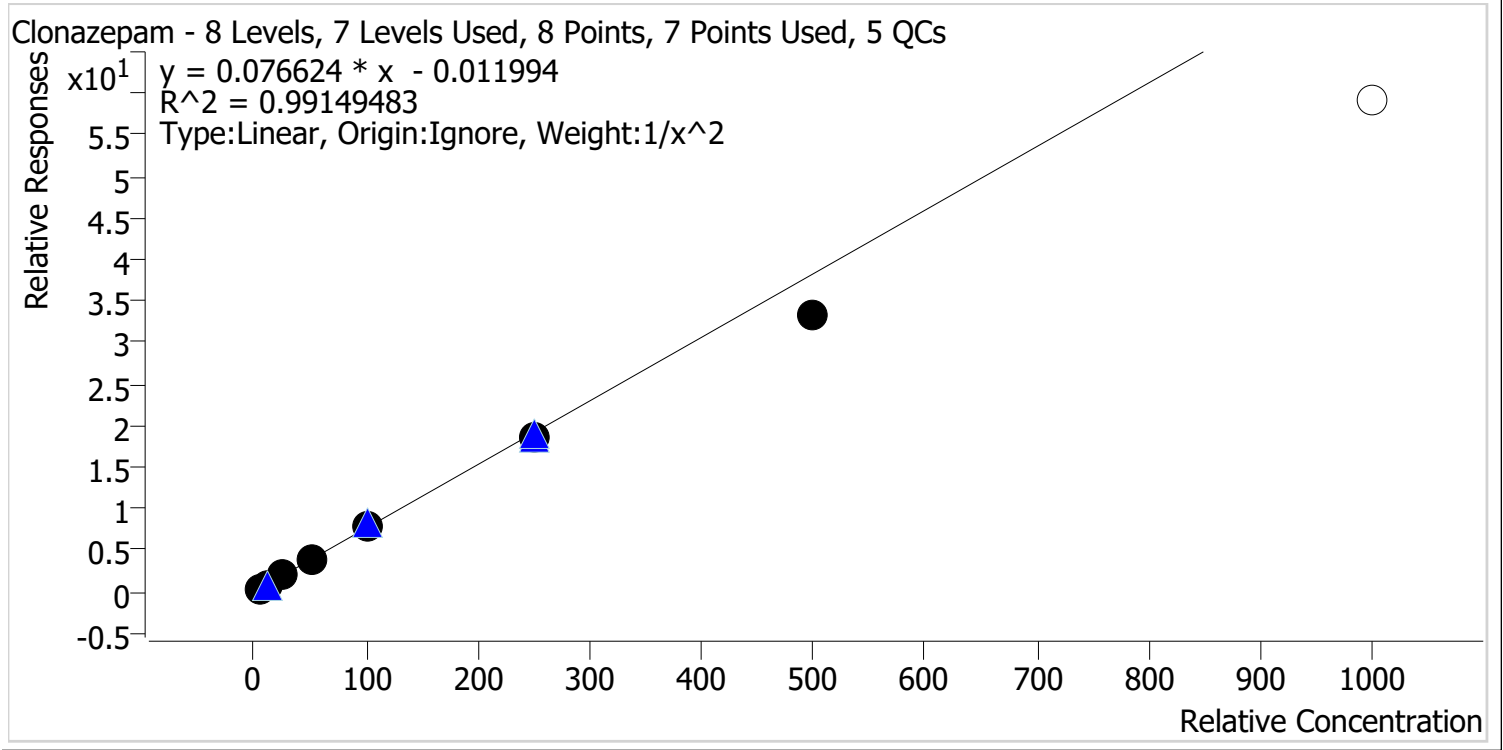
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng	7	✓	500.0	516.9	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1006.3	100.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

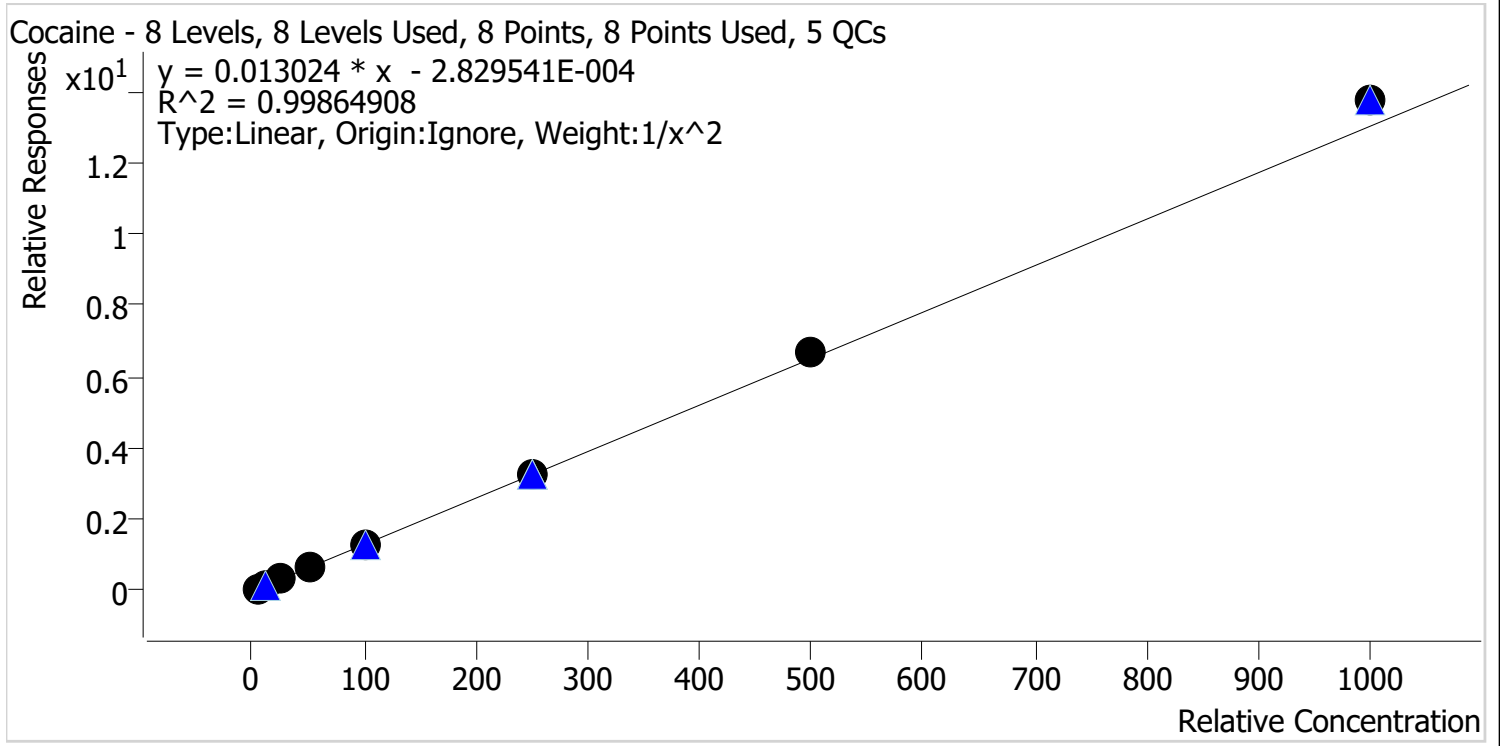


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.9
p1 Cal 2-10ng	2	✓	10.0	10.9	108.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	241.3	96.5
p1 Cal 7-500ng	7	✓	500.0	435.7	87.1
p1 Cal 8-1000ng	8	✗	1000.0	772.3	77.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

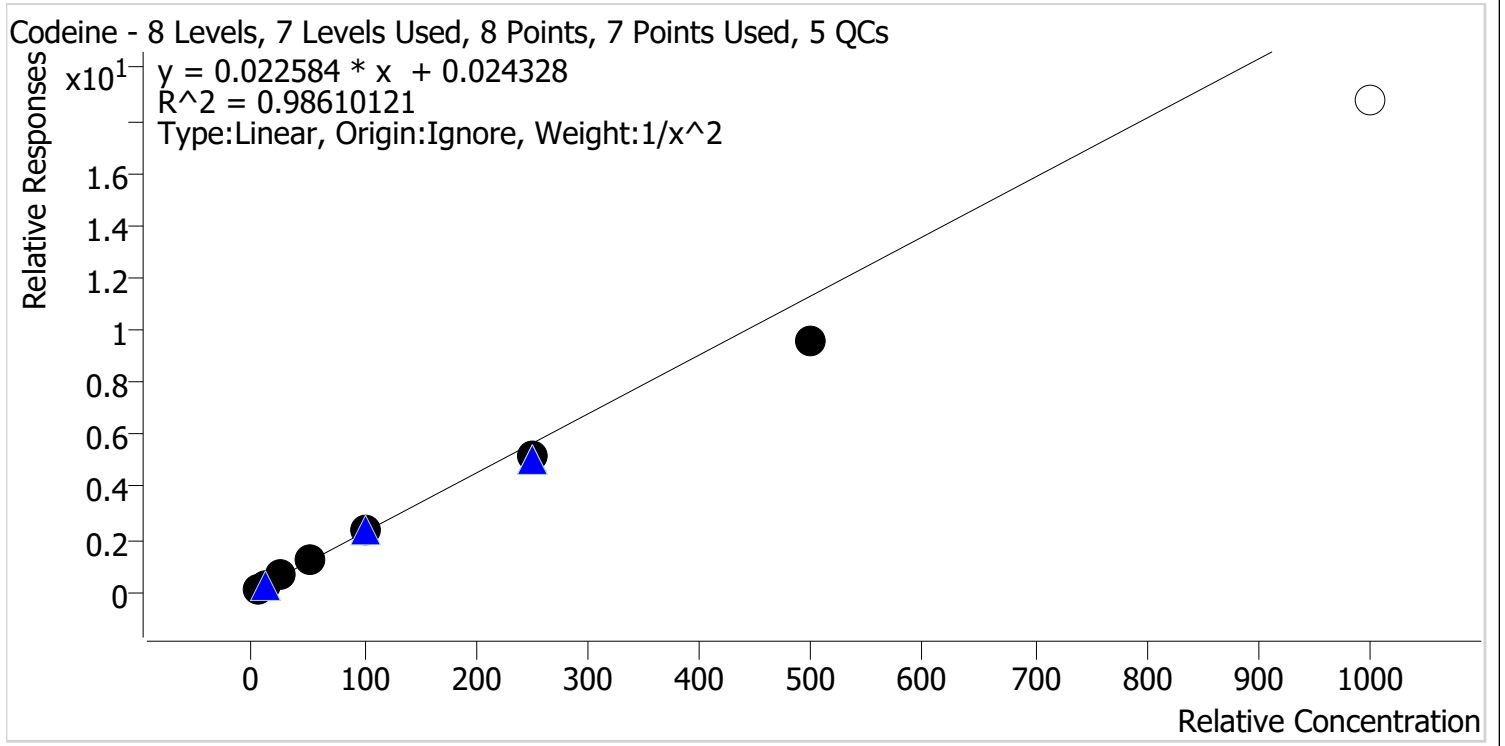


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	247.6	99.1
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1055.2	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

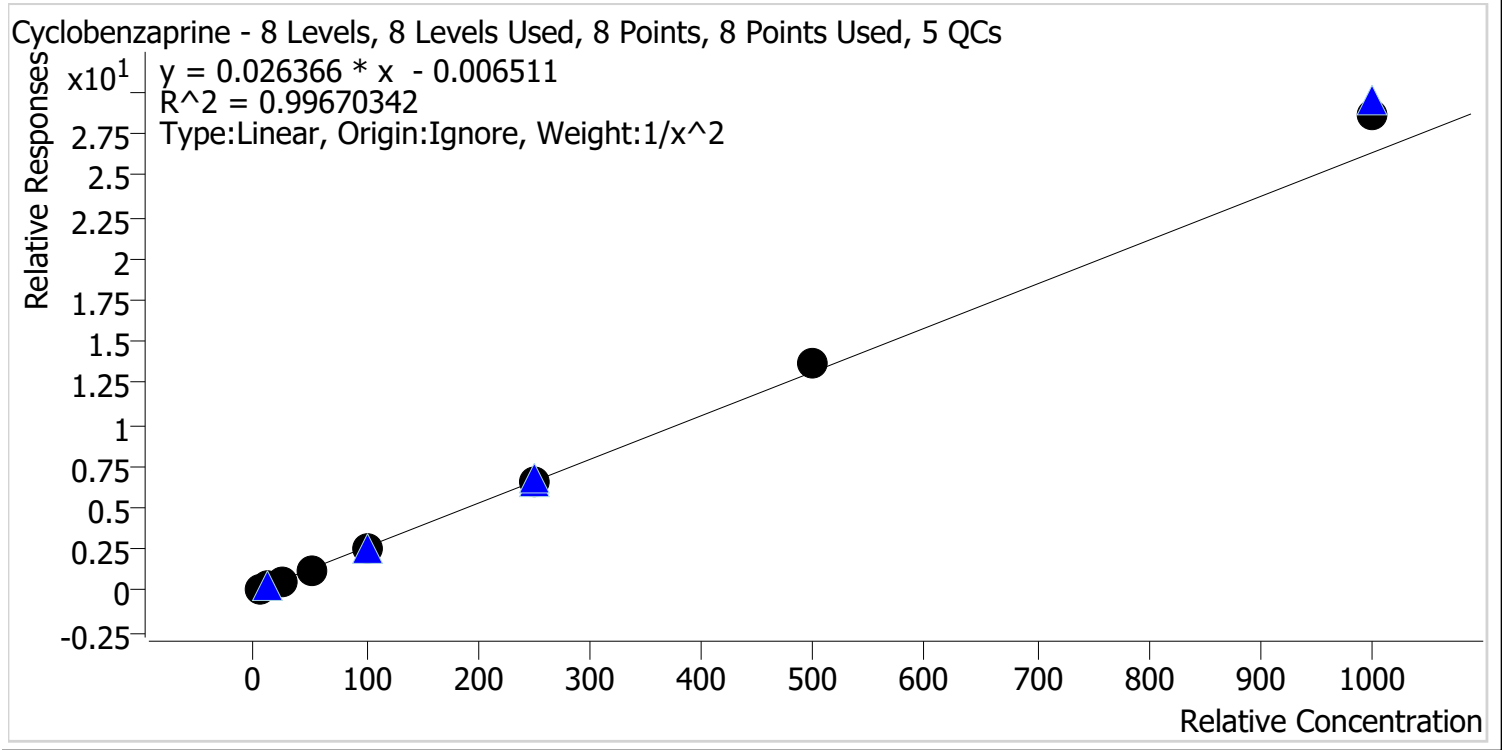


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.7
p1 Cal 2-10ng	2	✓	10.0	10.7	106.5
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	227.5	91.0
p1 Cal 7-500ng	7	✓	500.0	425.7	85.1
p1 Cal 8-1000ng	8	✗	1000.0	829.8	83.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



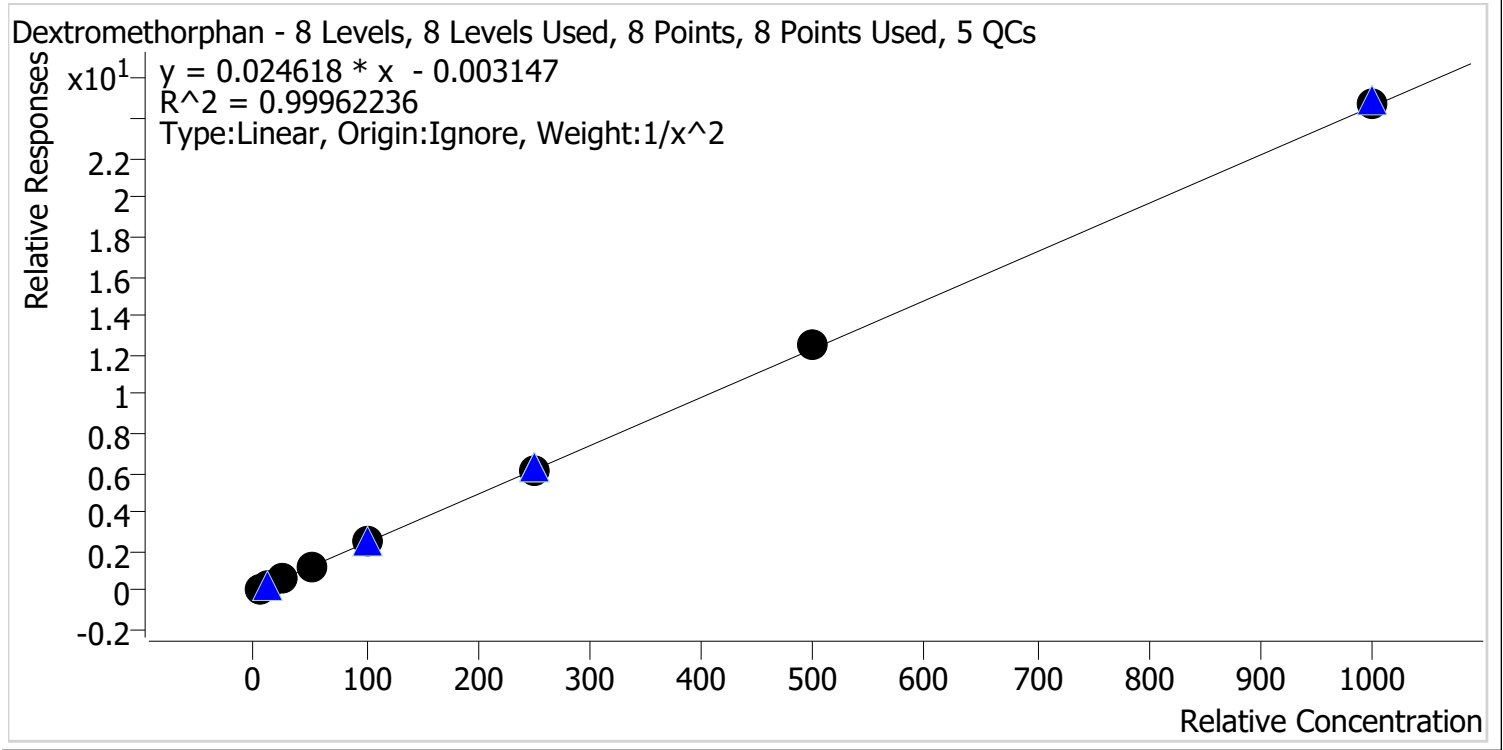
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	249.3	99.7
p1 Cal 7-500ng	7	✓	500.0	522.8	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1086.3	108.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



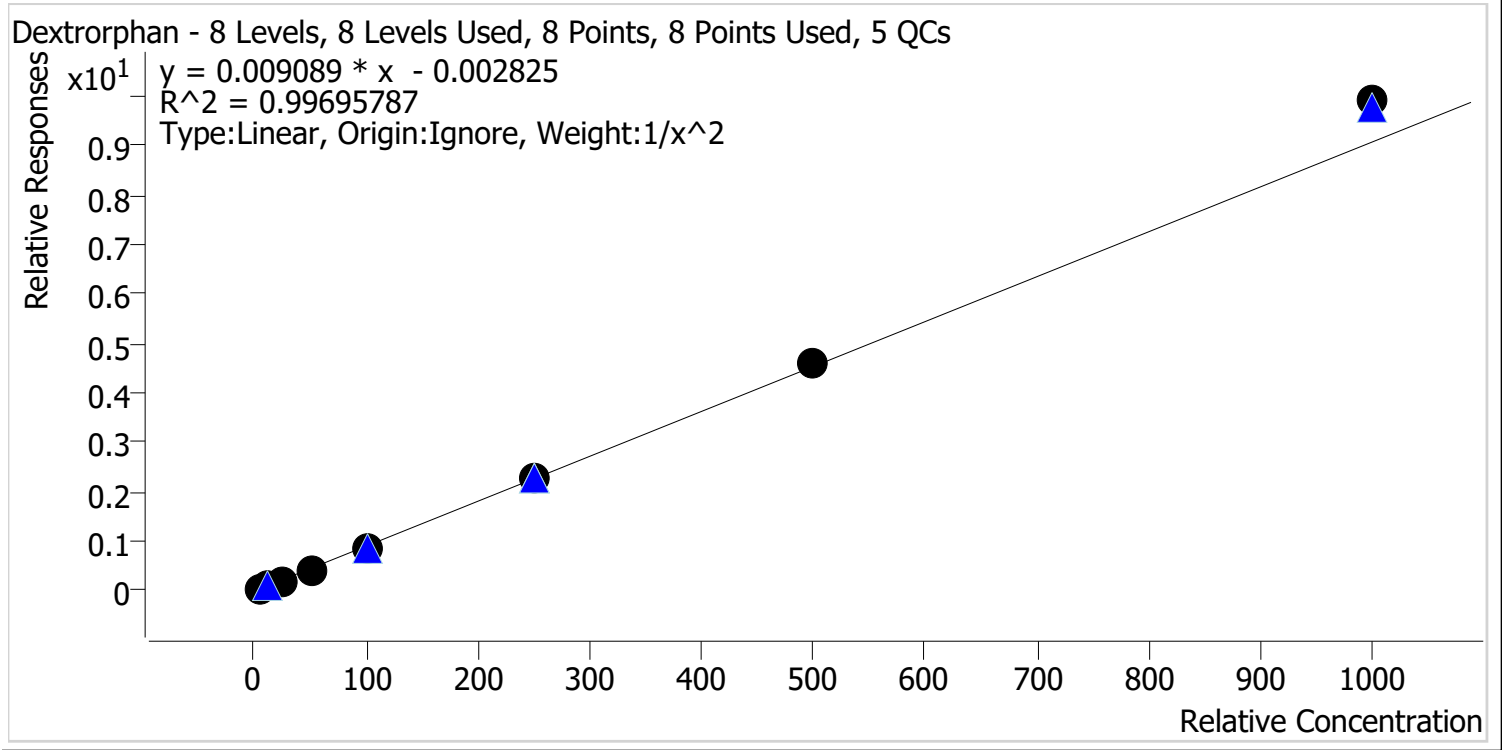
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	48.1	96.1
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1009.7	101.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

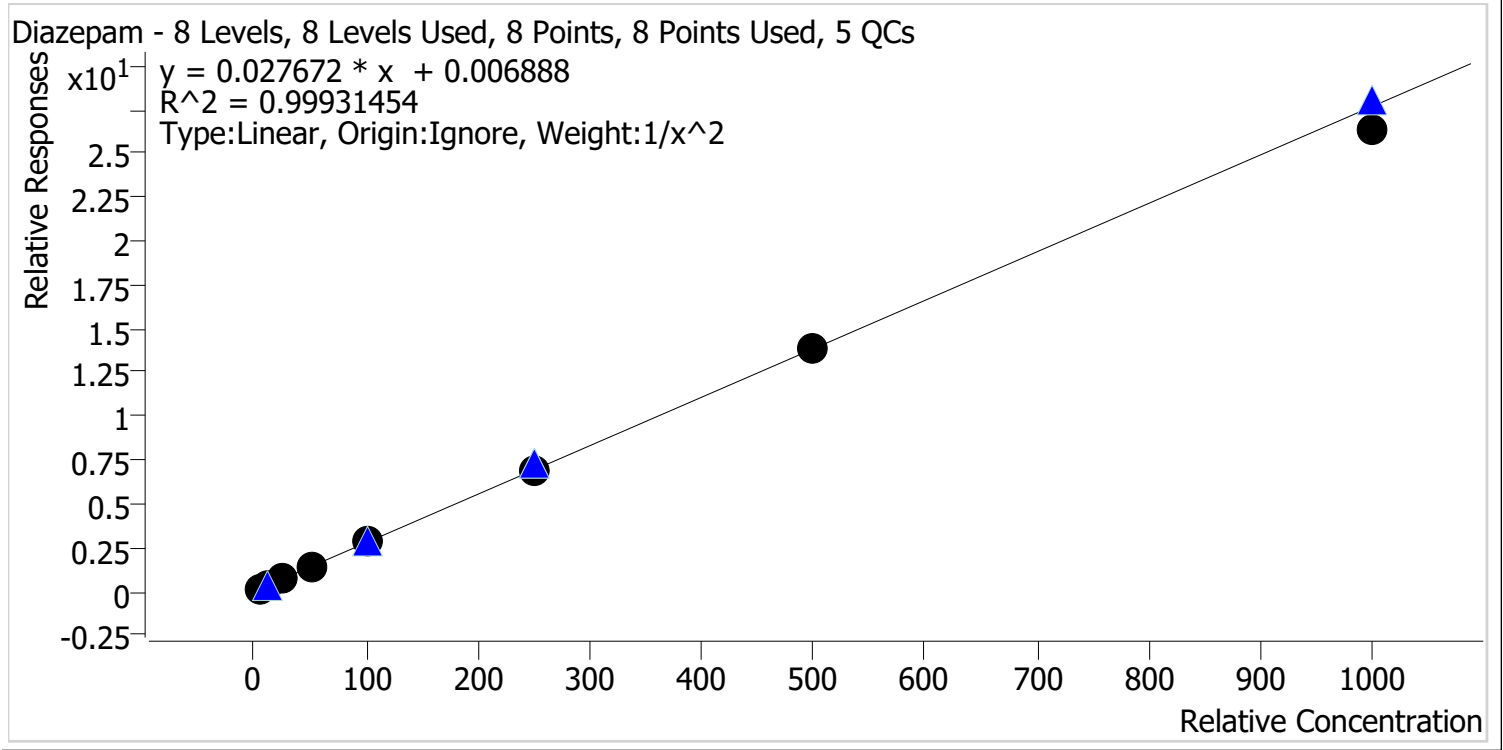


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	509.8	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1092.2	109.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

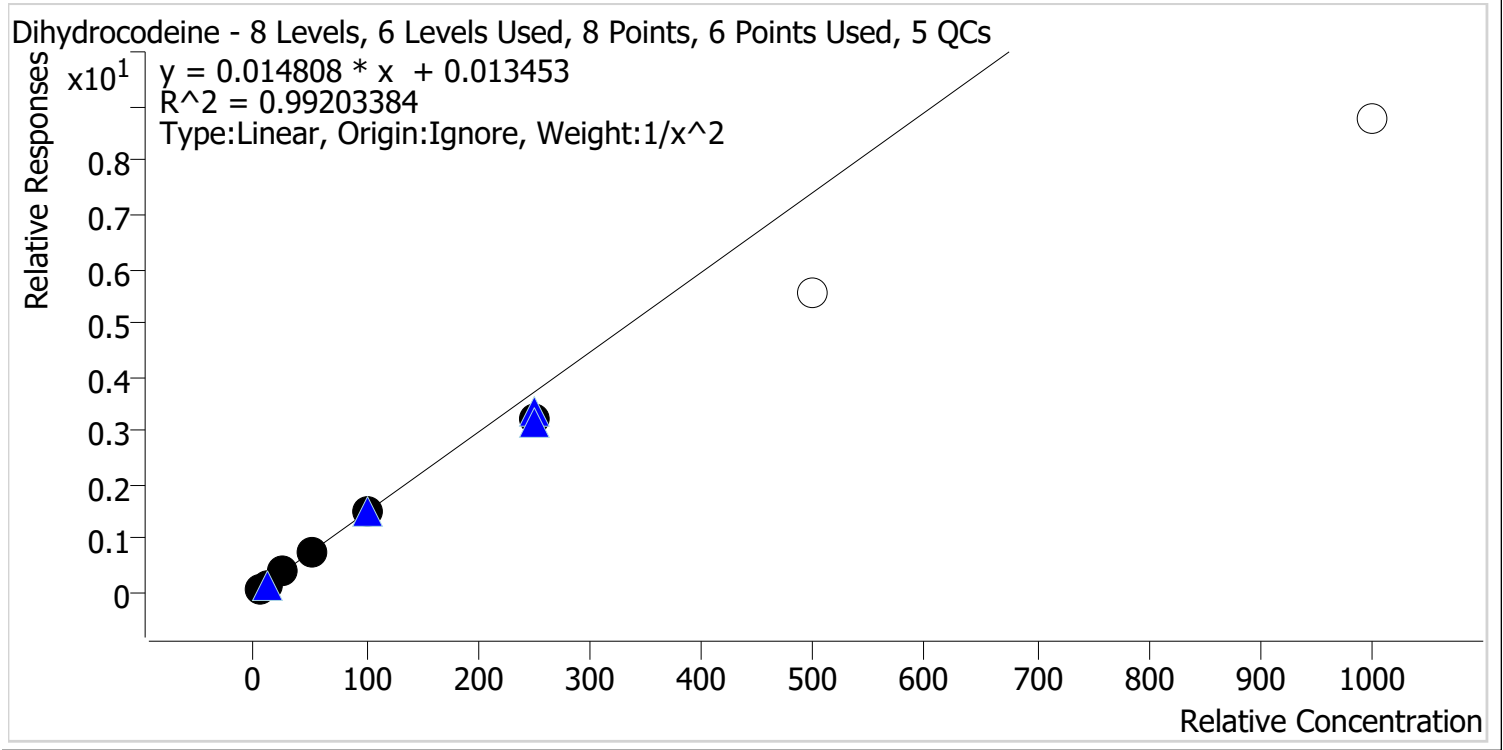


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	953.8	95.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

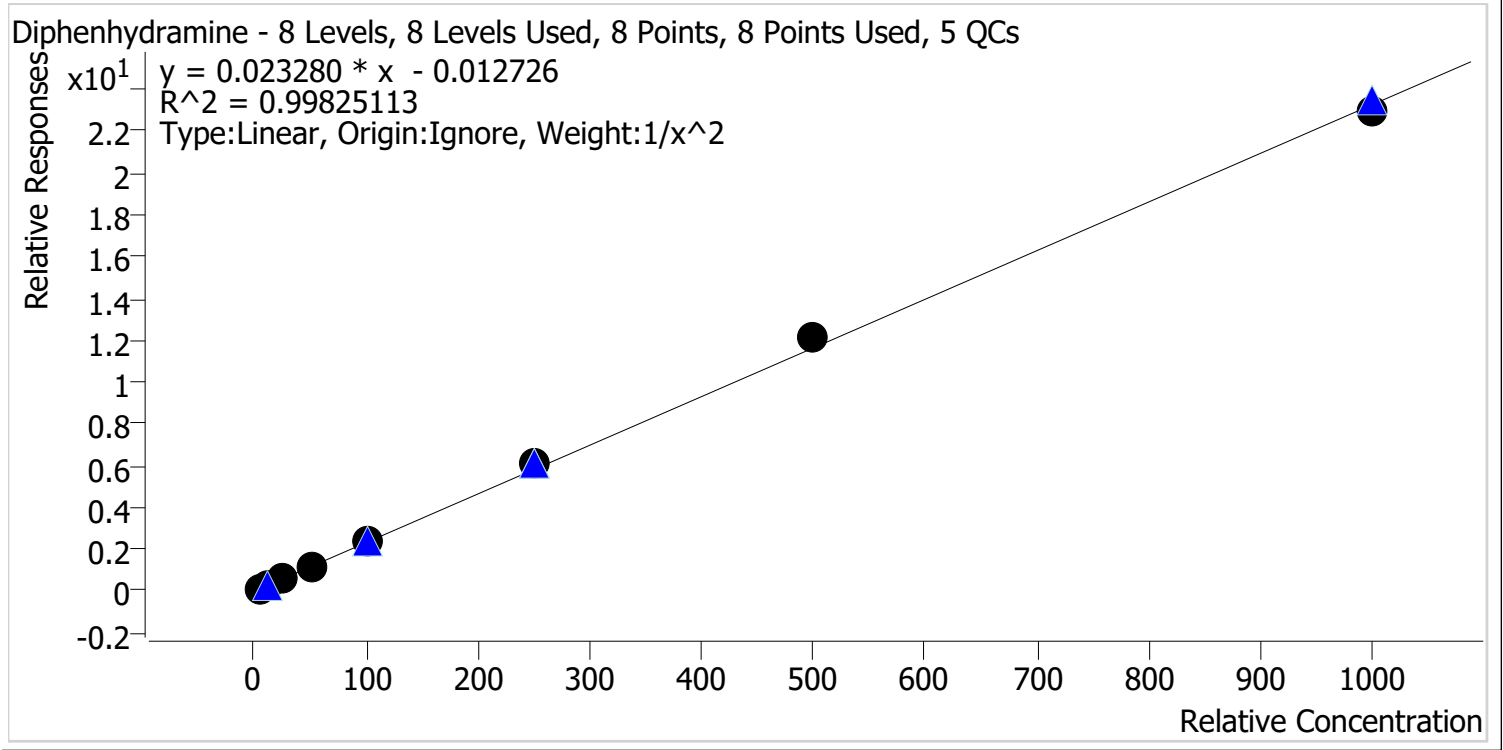


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	216.9	86.8
p1 Cal 7-500ng	7	✗	500.0	372.8	74.6
p1 Cal 8-1000ng	8	✗	1000.0	592.9	59.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



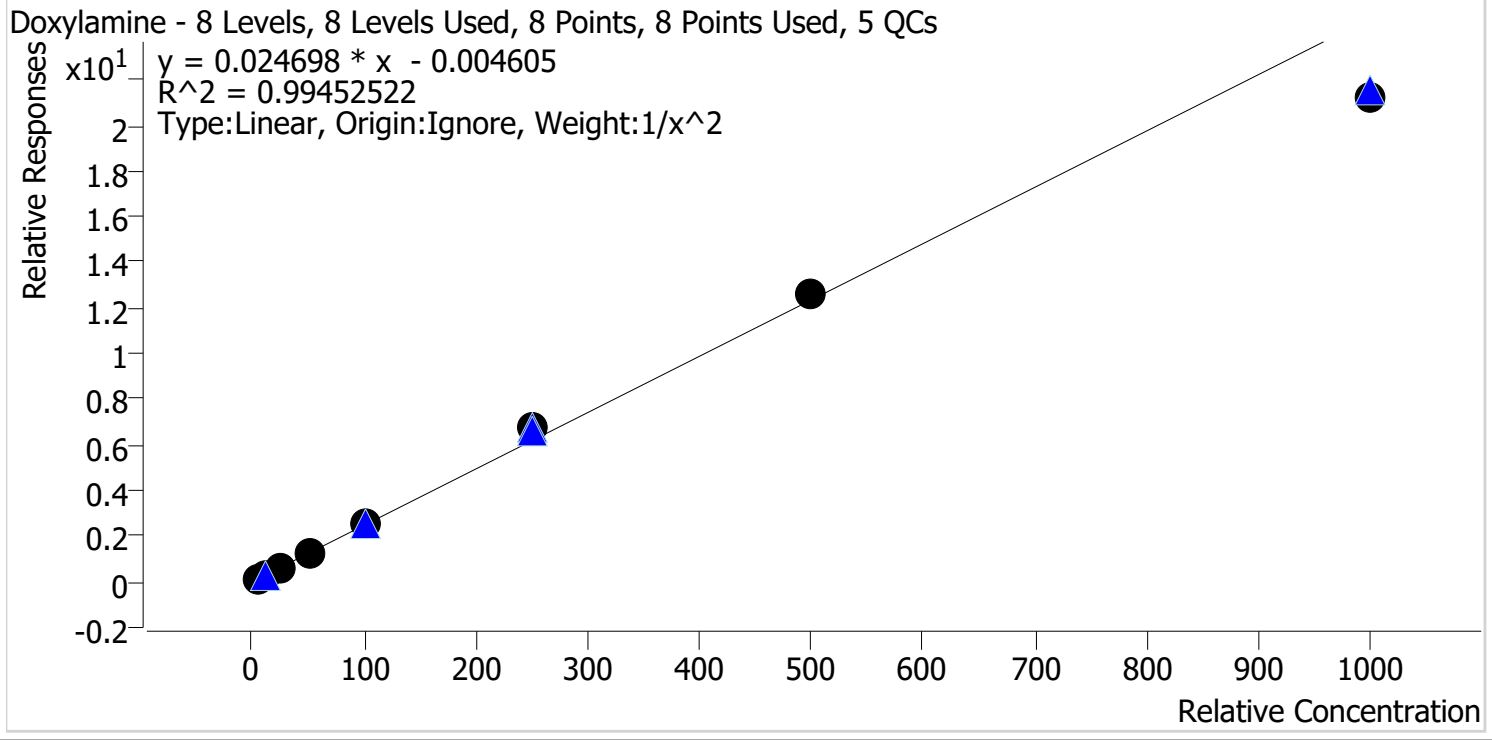
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
p1 Cal 8-1000ng	8	✓	1000.0	988.1	98.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

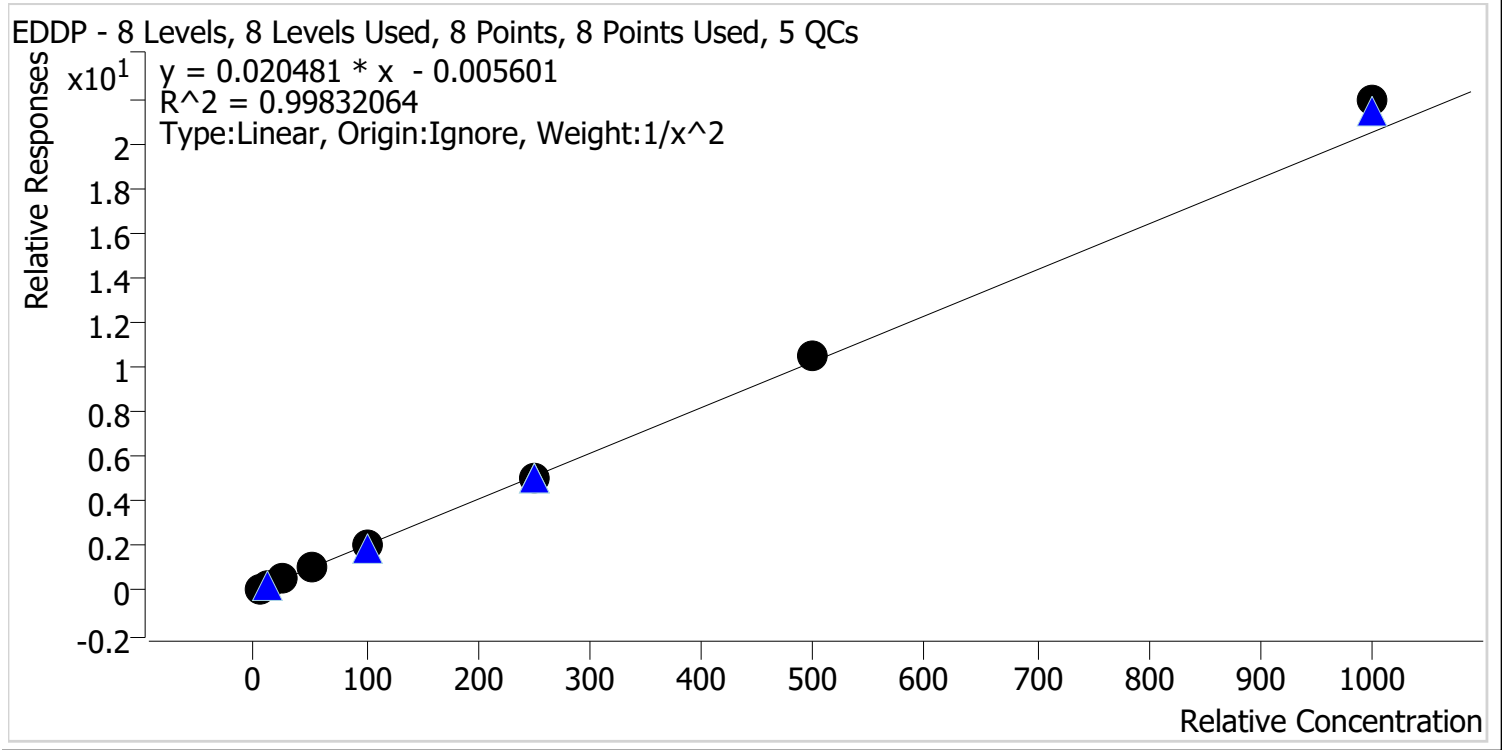


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	271.9	108.8
p1 Cal 7-500ng	7	✓	500.0	513.0	102.6
p1 Cal 8-1000ng	8	✓	1000.0	861.5	86.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

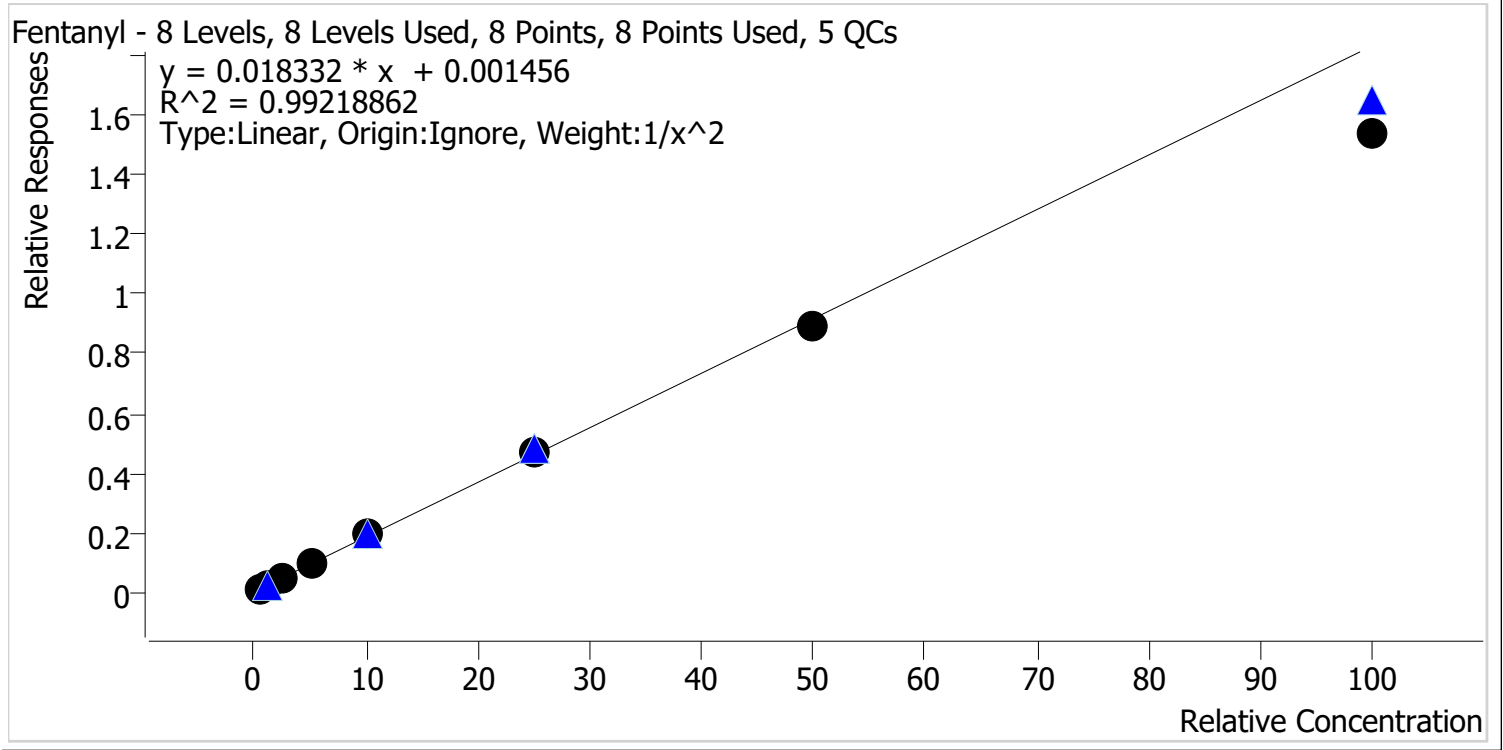


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	245.6	98.3
p1 Cal 7-500ng	7	✓	500.0	514.9	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1069.1	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

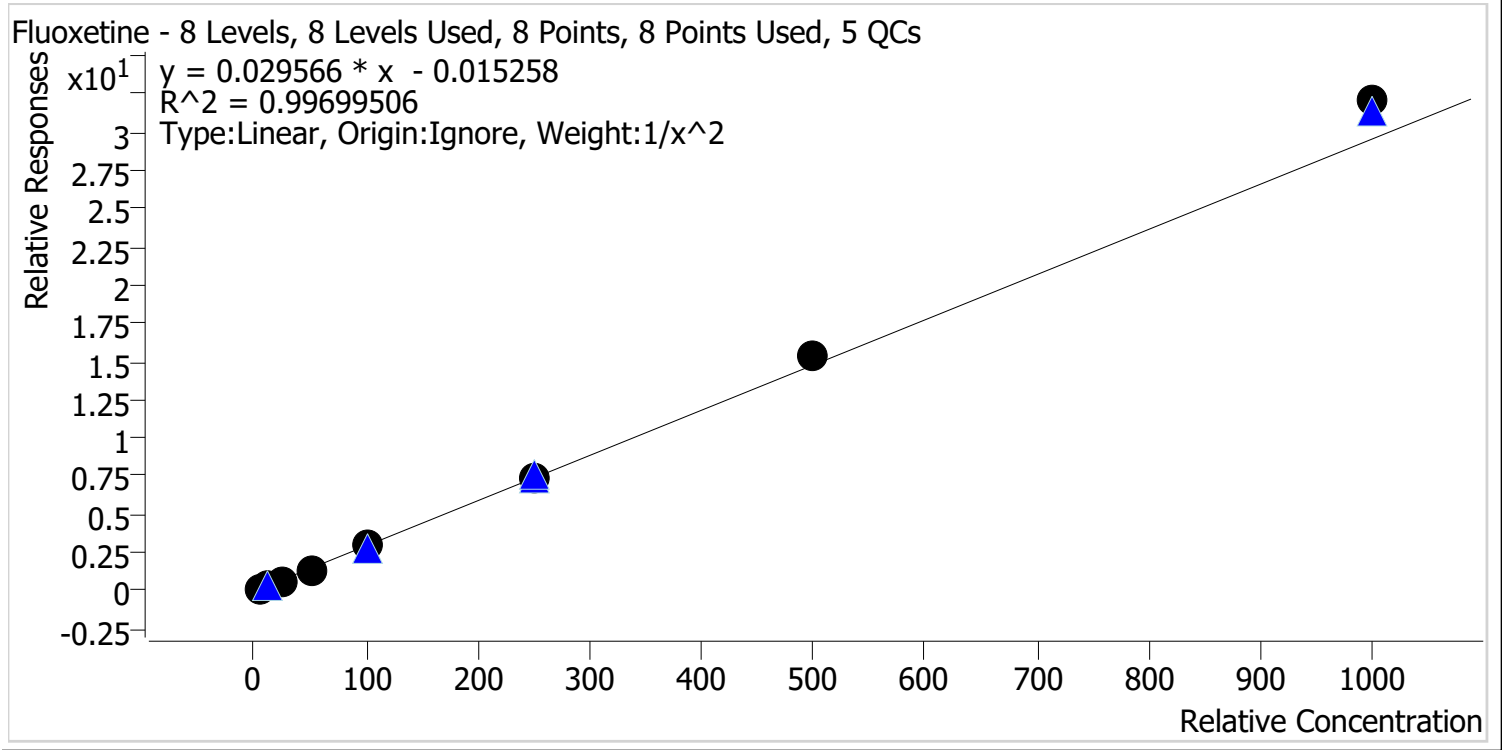


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.3
p1 Cal 2-10ng	2	✓	1.0	1.0	97.1
p1 Cal 3 -25ng	3	✓	2.5	2.7	106.0
p1 Cal 4-50ng	4	✓	5.0	5.3	105.4
p1 Cal 5-100ng	5	✓	10.0	10.9	108.8
p1 Cal 6-250ng	6	✓	25.0	25.4	101.8
p1 Cal 7-500ng	7	✓	50.0	48.7	97.4
p1 Cal 8-1000ng	8	✓	100.0	84.1	84.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.7	95.3
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1085.0	108.5

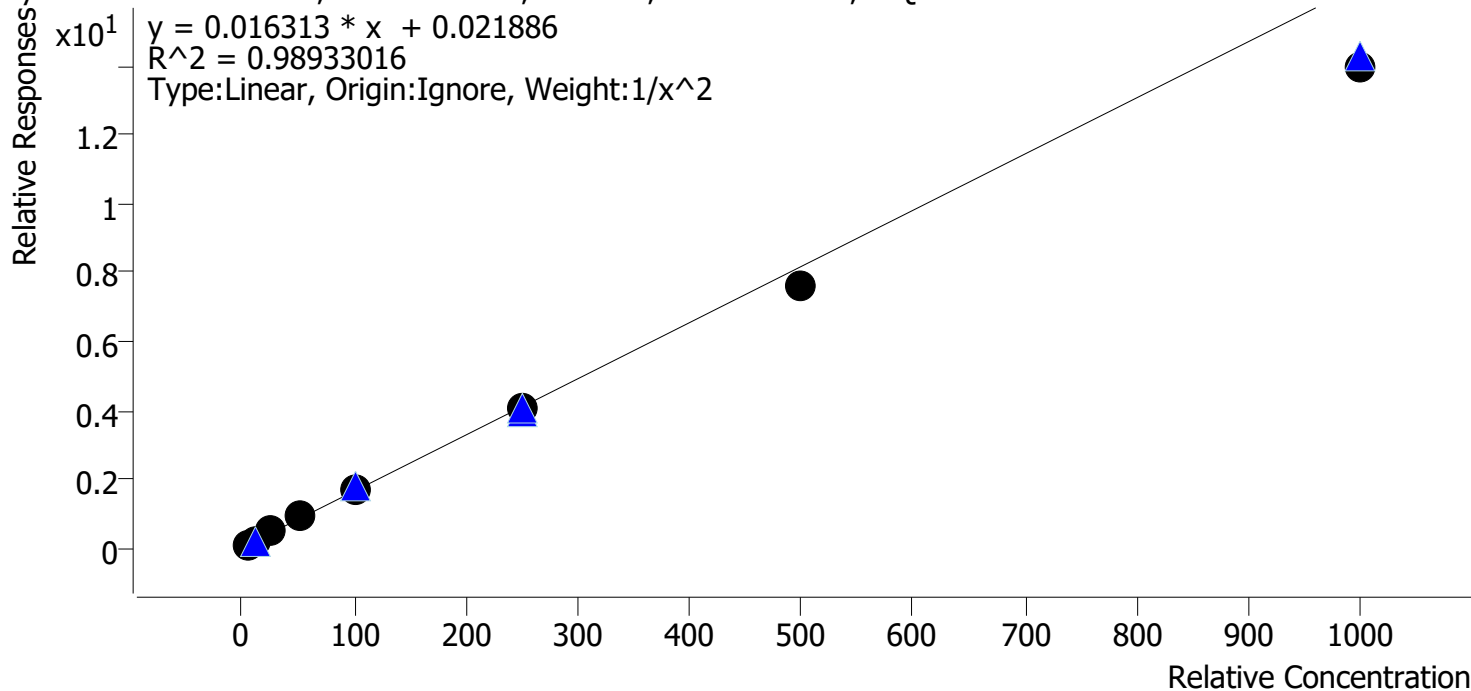
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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

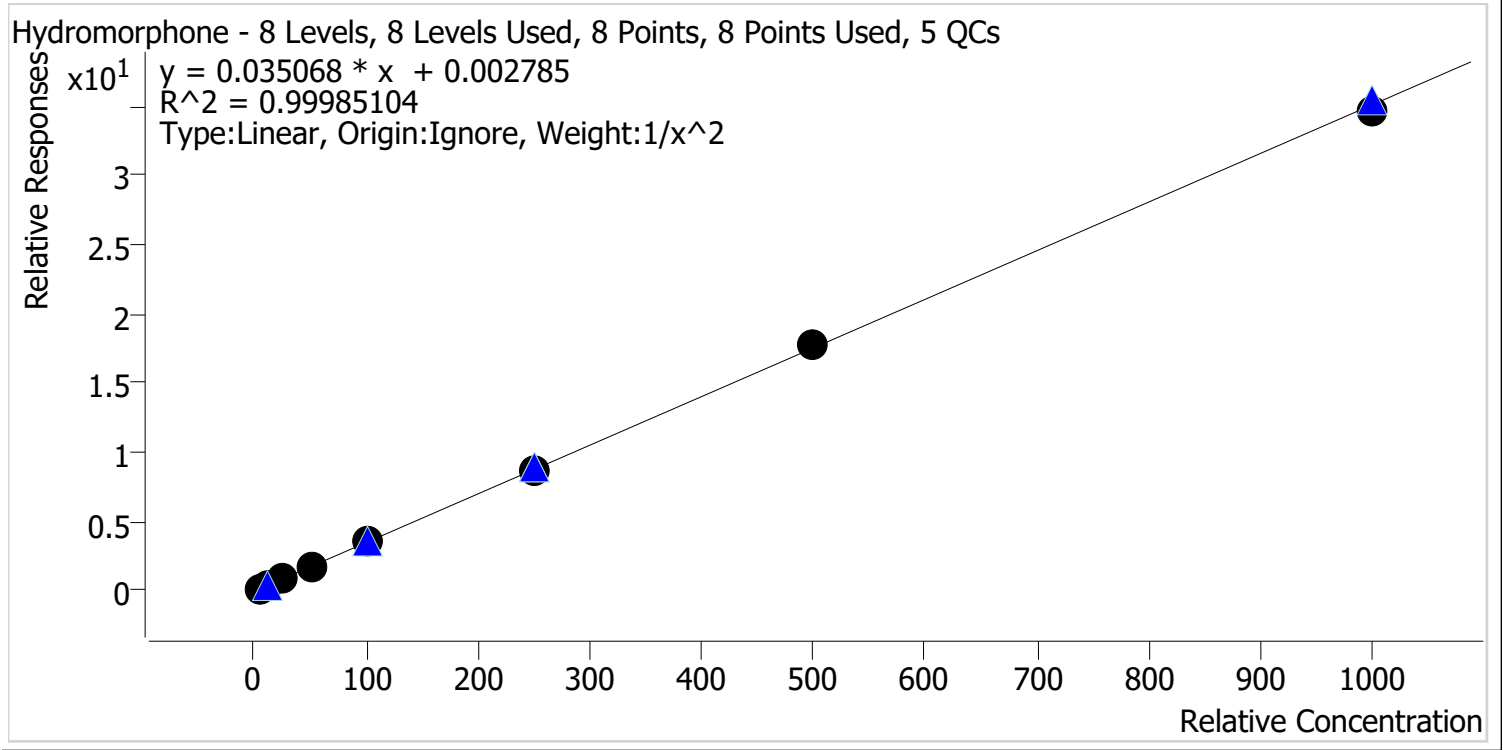


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	28.0	111.9
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	462.4	92.5
p1 Cal 8-1000ng	8	✓	1000.0	852.8	85.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

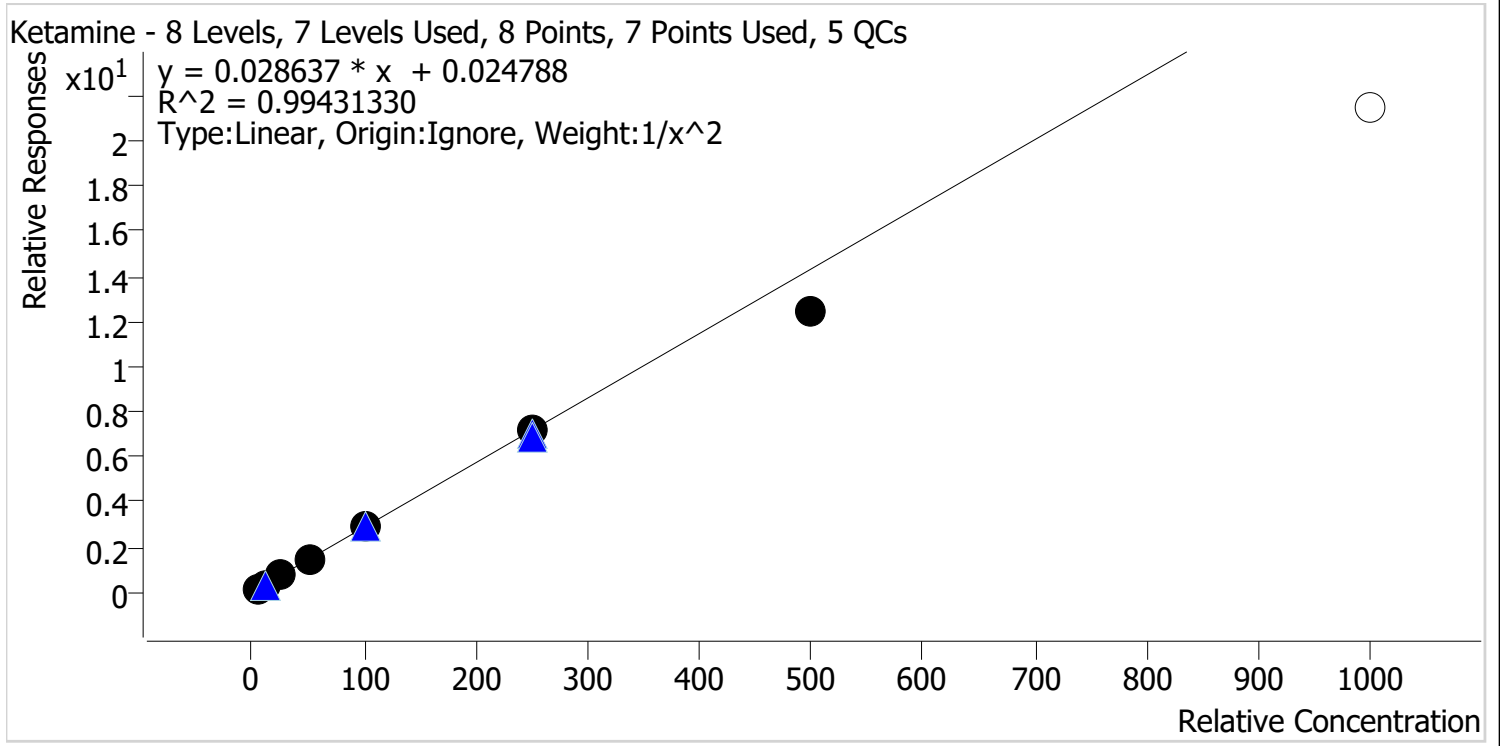


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	985.6	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

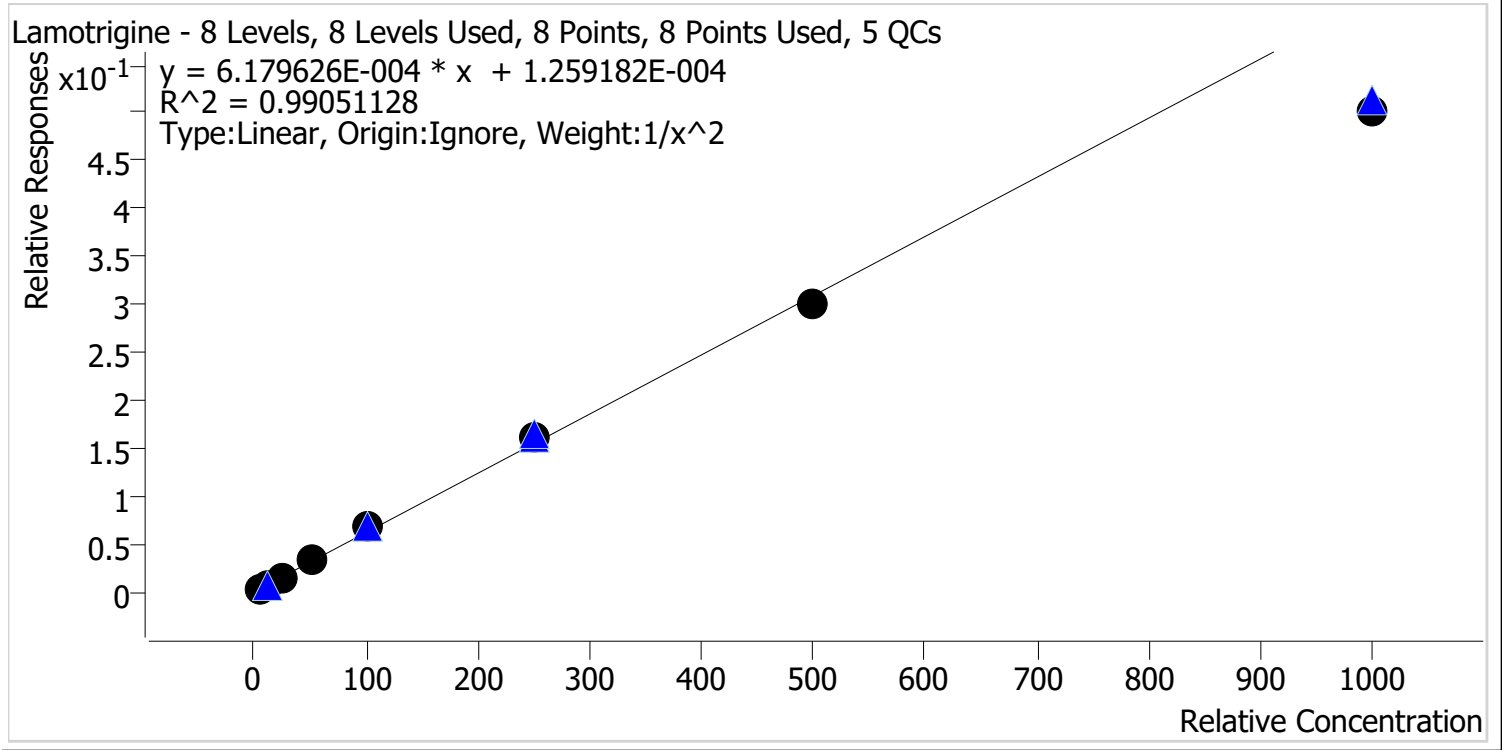


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	436.2	87.2
p1 Cal 8-1000ng	8	✗	1000.0	751.9	75.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



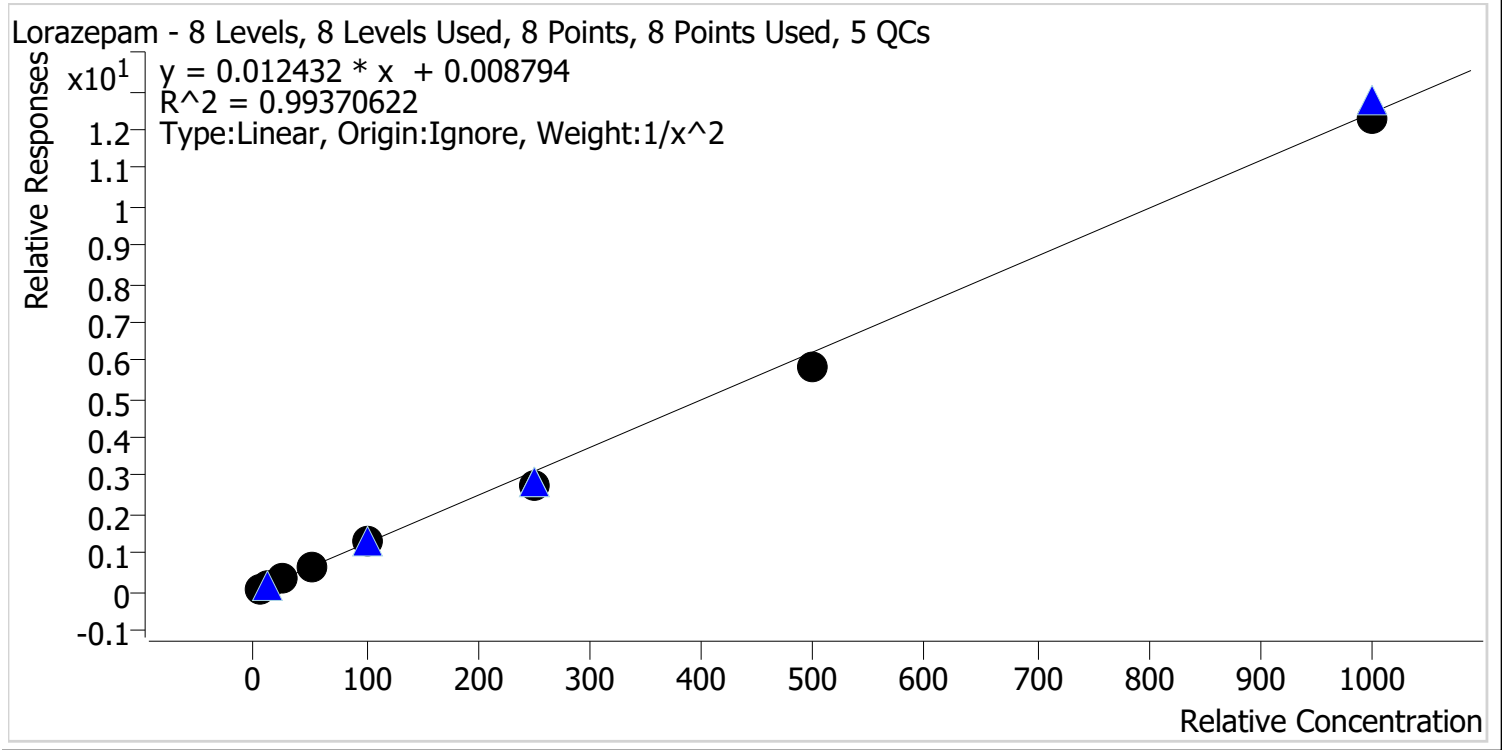
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	108.6	108.6
p1 Cal 6-250ng	6	✓	250.0	262.6	105.0
p1 Cal 7-500ng	7	✓	500.0	486.6	97.3
p1 Cal 8-1000ng	8	✓	1000.0	813.0	81.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

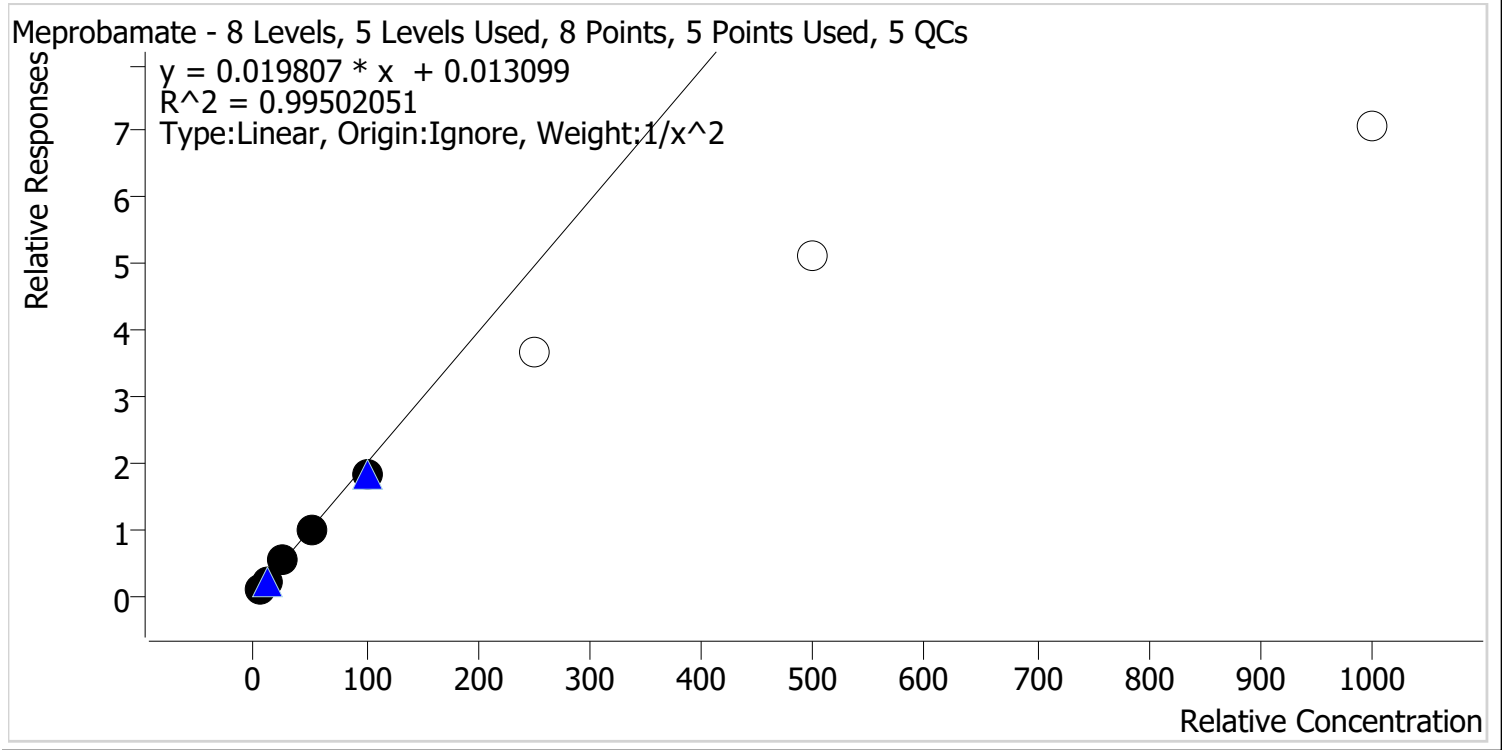


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.0
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.9
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	224.1	89.6
p1 Cal 7-500ng	7	✓	500.0	470.5	94.1
p1 Cal 8-1000ng	8	✓	1000.0	990.4	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

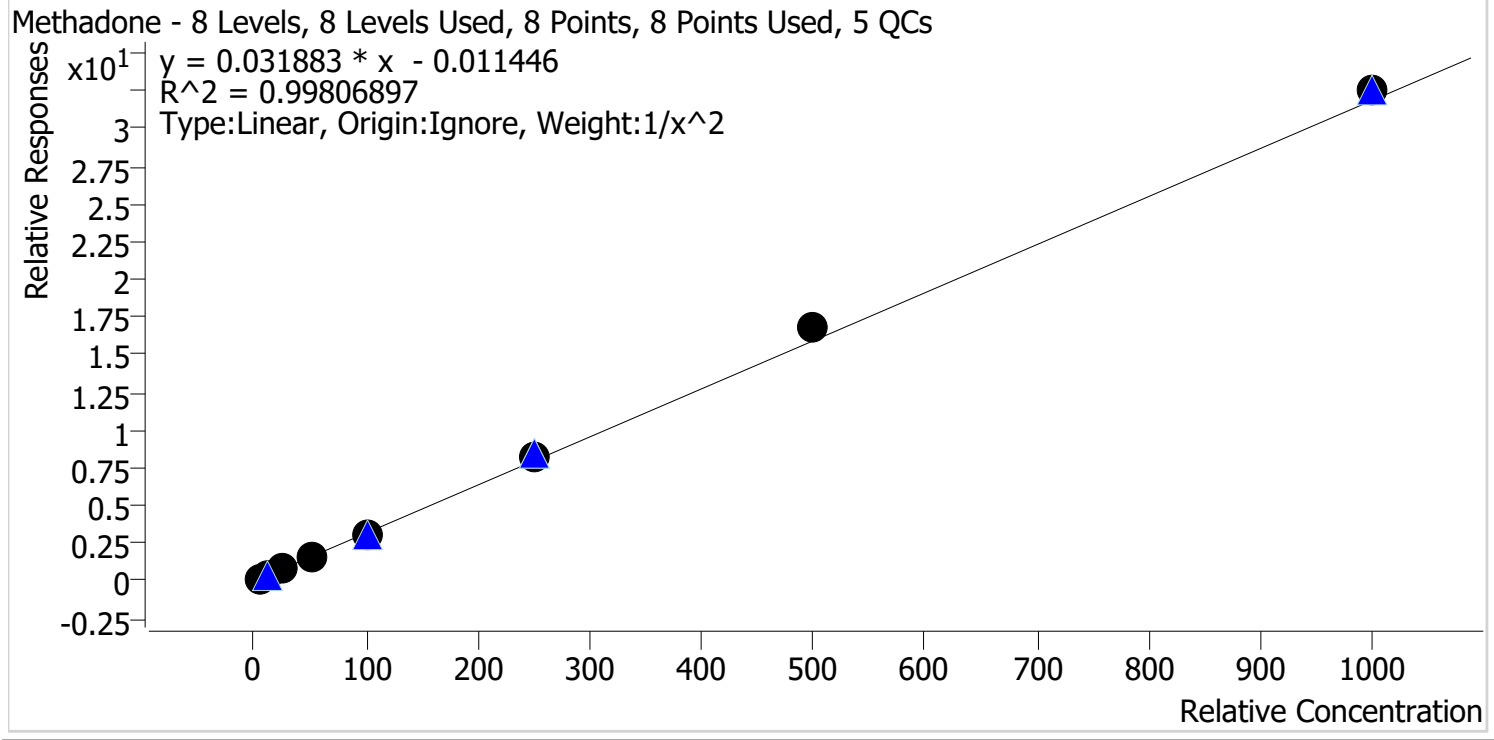


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	92.3	92.3
p1 Cal 6-250ng	6	✗	250.0	186.2	74.5
p1 Cal 7-500ng	7	✗	500.0	258.2	51.6
p1 Cal 8-1000ng	8	✗	1000.0	356.4	35.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

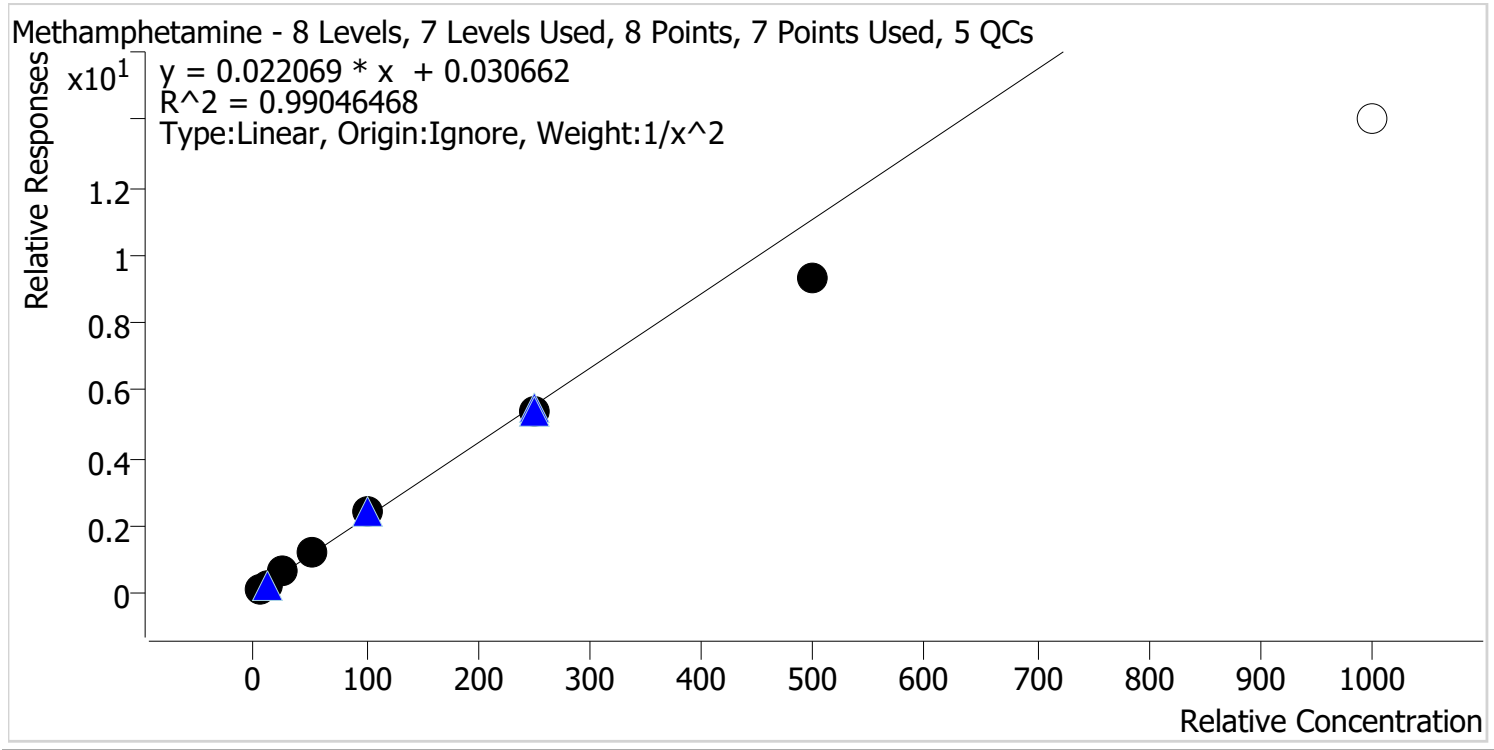


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	530.7	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1020.1	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



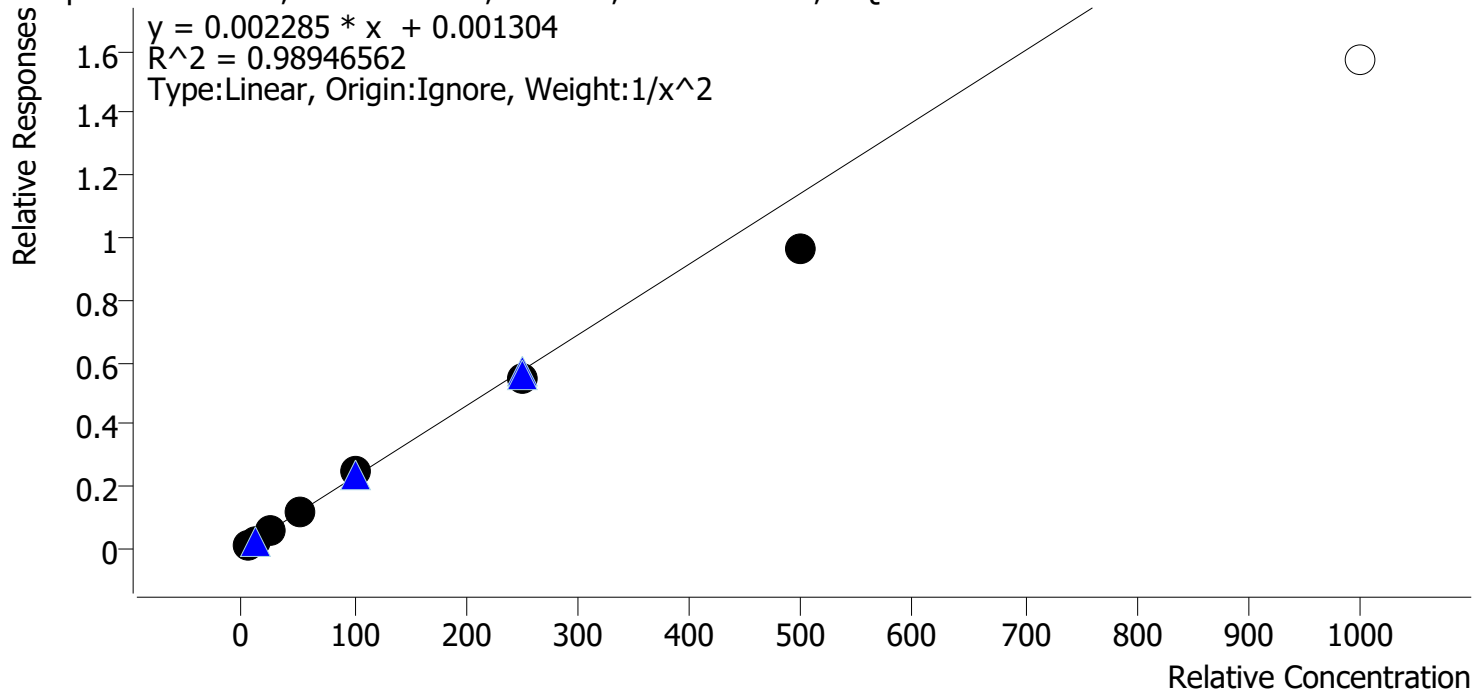
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	420.2	84.0
p1 Cal 8-1000ng	8	✗	1000.0	634.7	63.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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

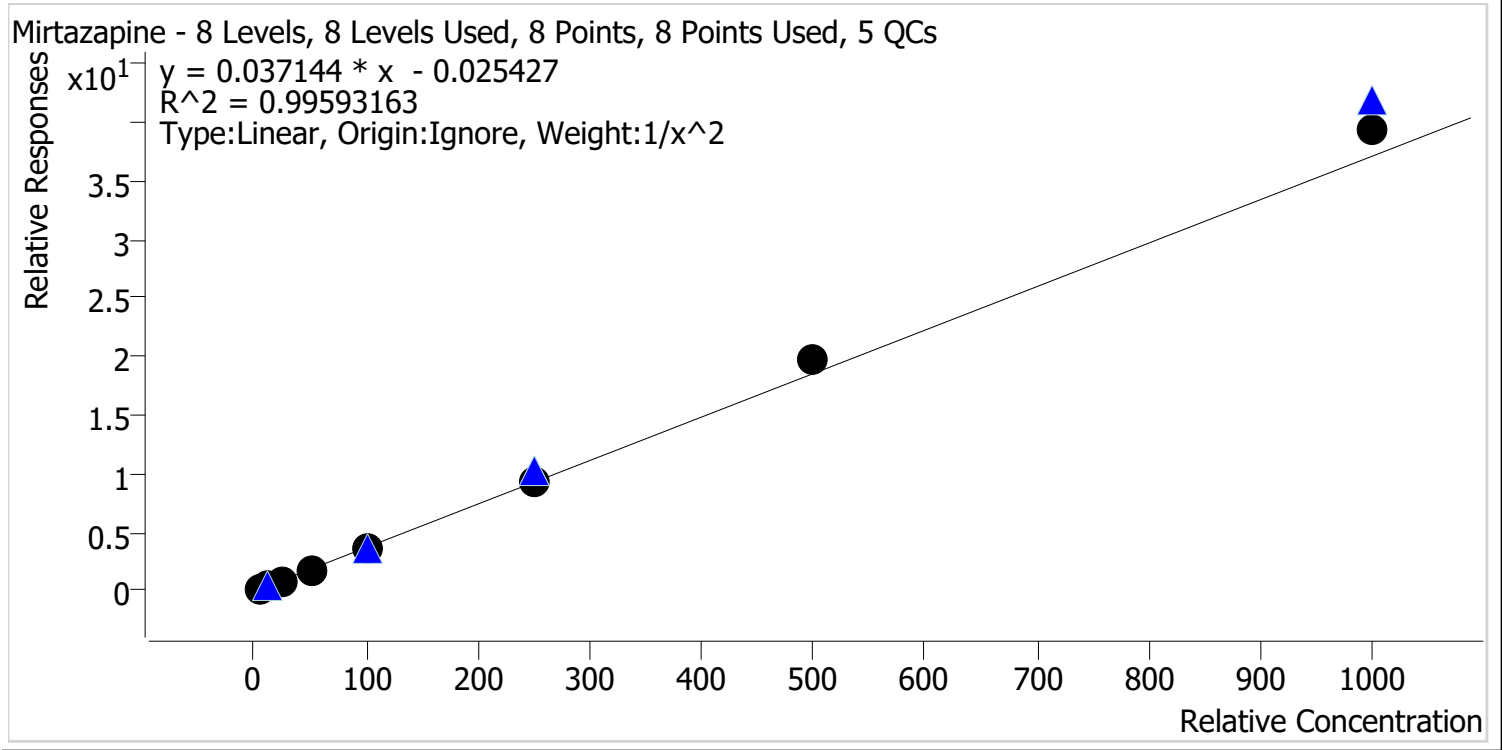


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	51.5	103.1
p1 Cal 5-100ng	5	✓	100.0	110.7	110.7
p1 Cal 6-250ng	6	✓	250.0	240.2	96.1
p1 Cal 7-500ng	7	✓	500.0	420.3	84.1
p1 Cal 8-1000ng	8	✗	1000.0	687.2	68.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



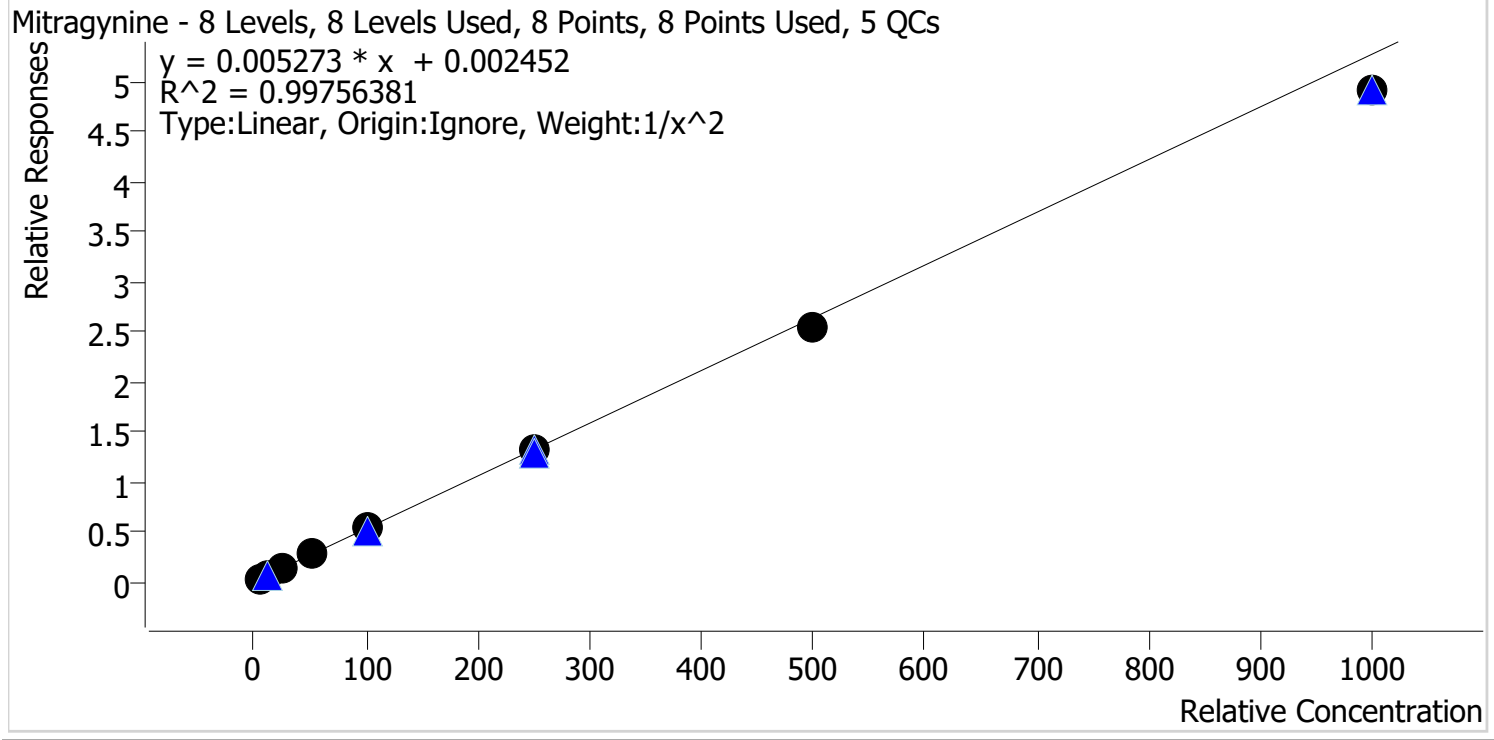
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.4	94.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	529.9	106.0
p1 Cal 8-1000ng	8	✓	1000.0	1060.2	106.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

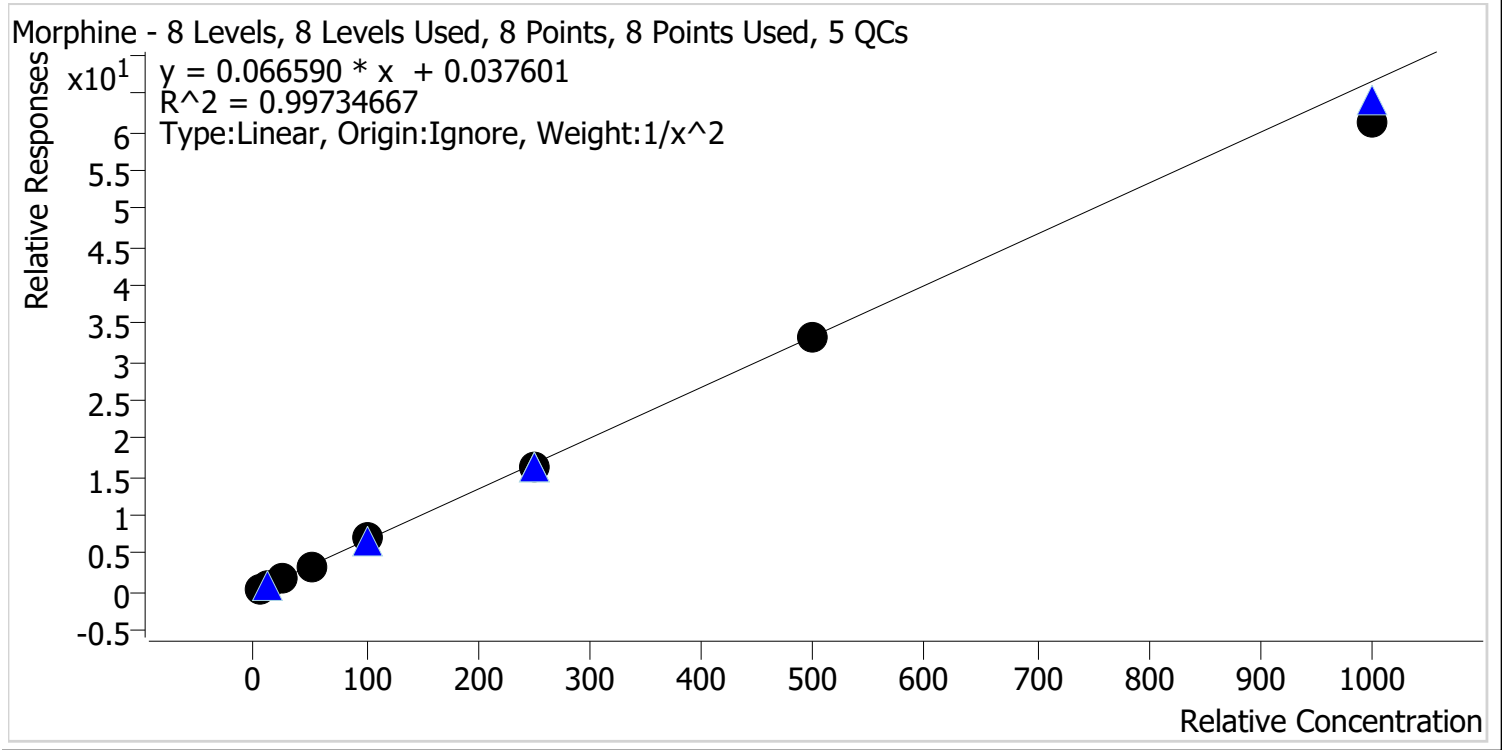


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	481.9	96.4
p1 Cal 8-1000ng	8	✓	1000.0	930.9	93.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	105.3	105.3
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	919.2	91.9

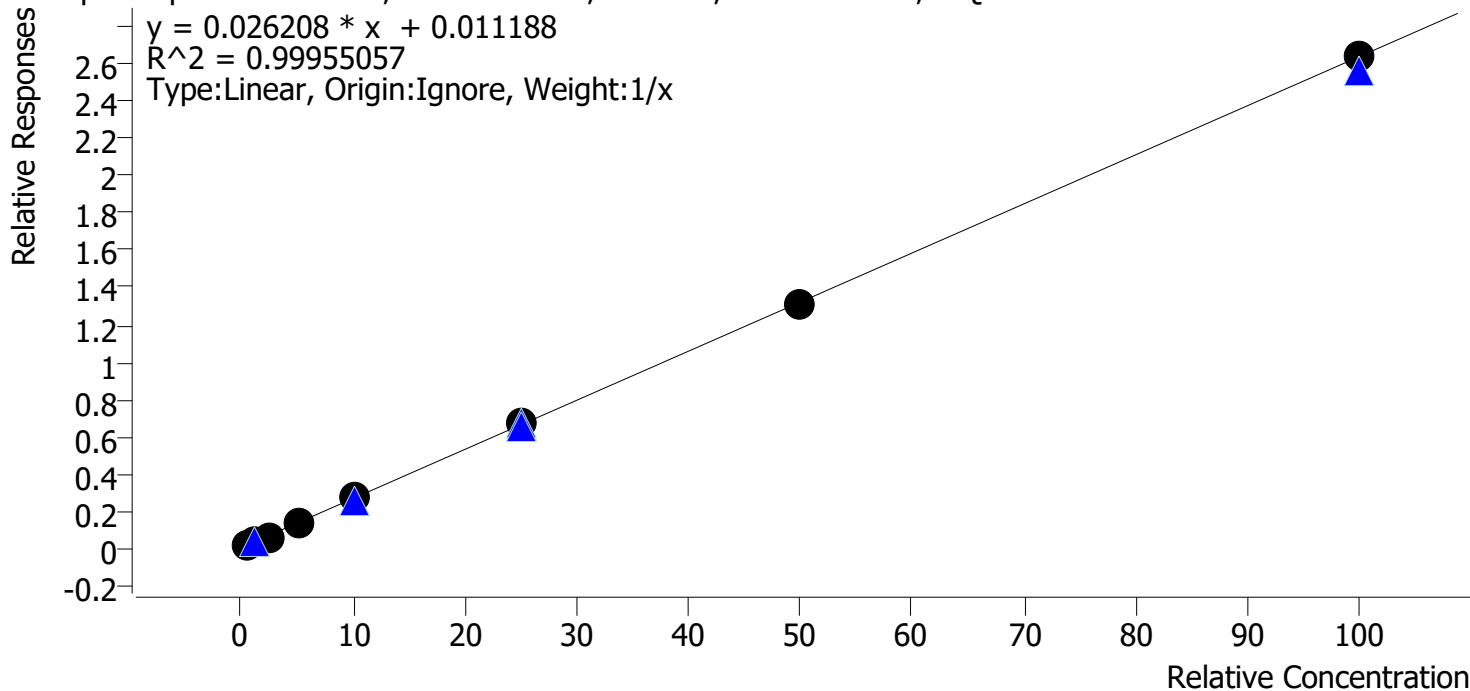
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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

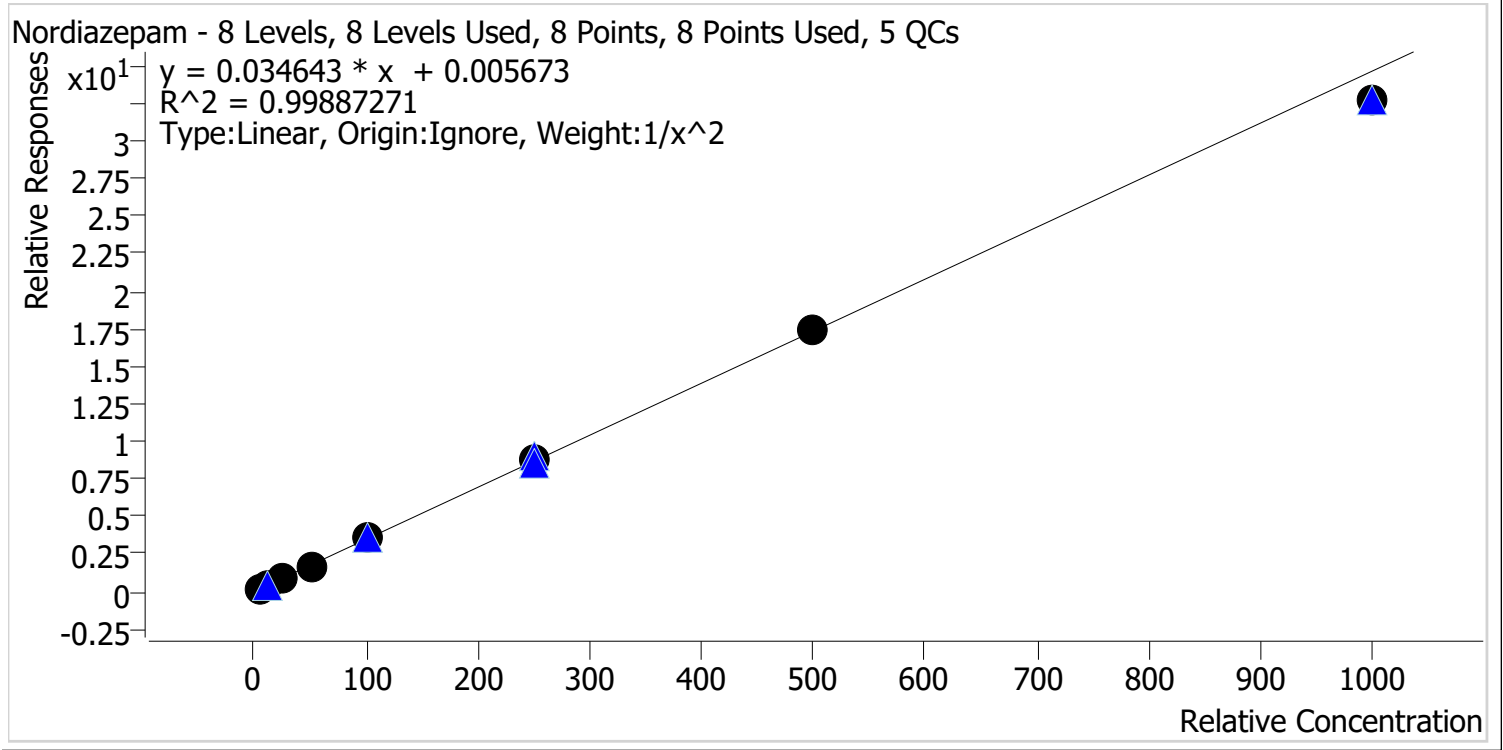


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	114.2
p1 Cal 2-10ng	2	✓	1.0	0.9	91.2
p1 Cal 3 -25ng	3	✓	2.5	2.2	87.8
p1 Cal 4-50ng	4	✓	5.0	5.2	104.6
p1 Cal 5-100ng	5	✓	10.0	10.2	101.5
p1 Cal 6-250ng	6	✓	25.0	25.4	101.7
p1 Cal 7-500ng	7	✓	50.0	49.5	99.0
p1 Cal 8-1000ng	8	✓	100.0	100.0	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

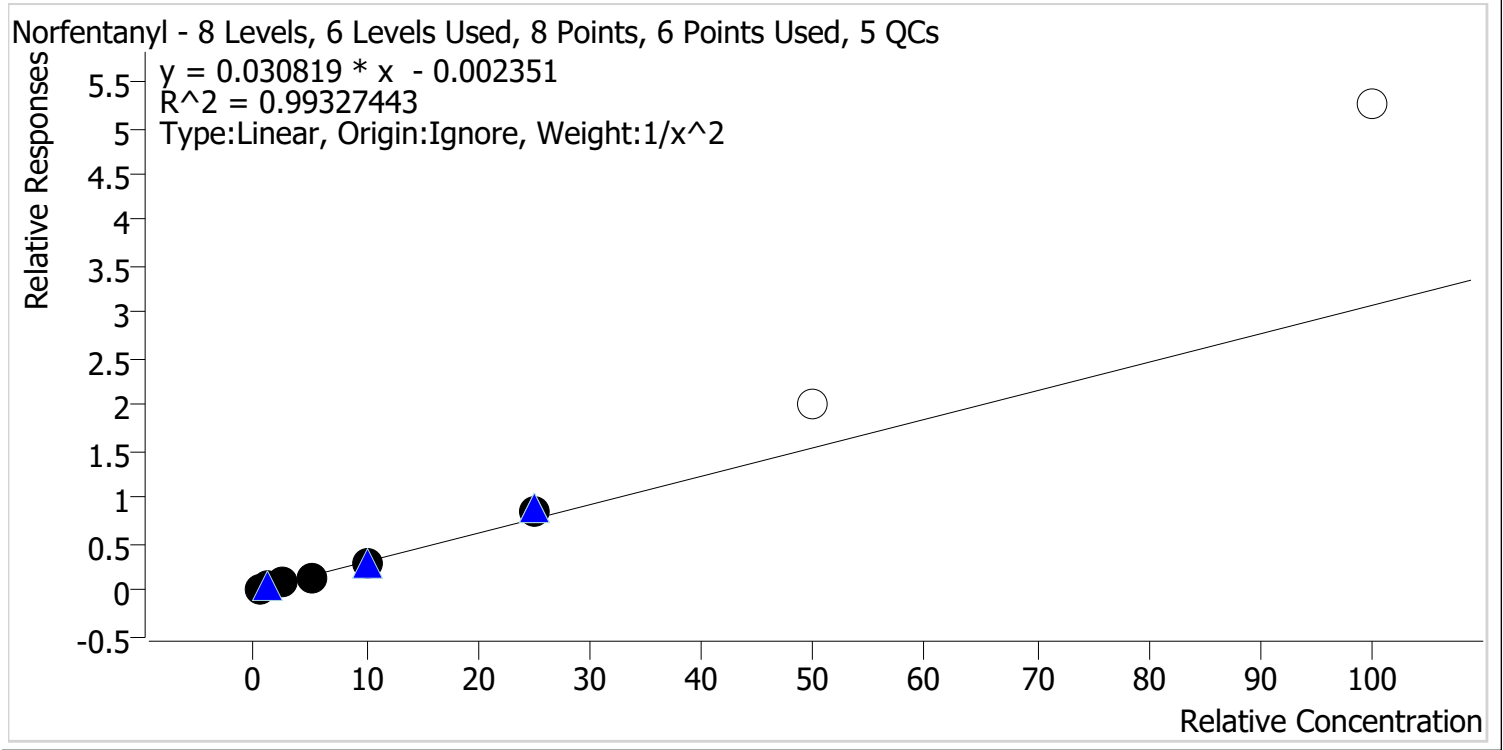


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	941.3	94.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

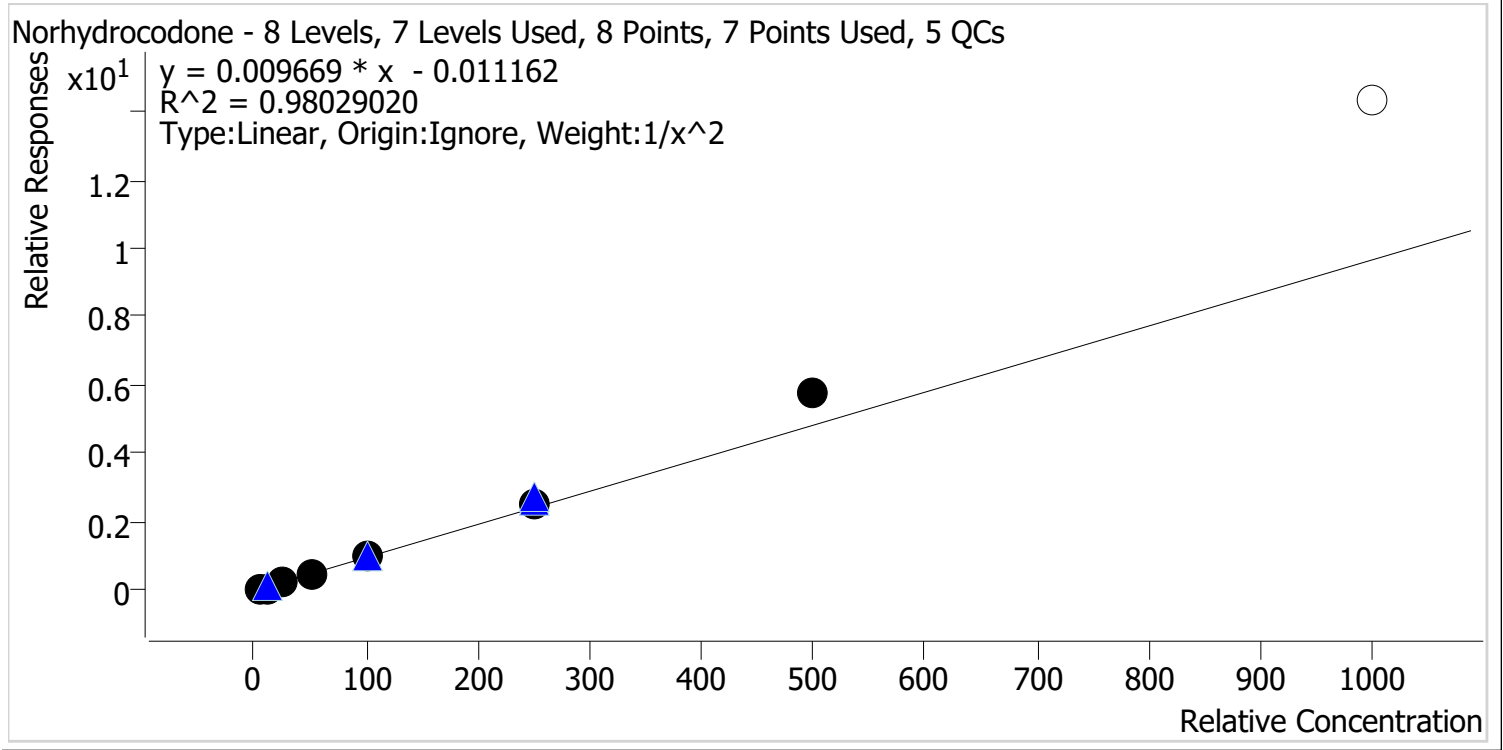


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.2
p1 Cal 2-10ng	2	✓	1.0	1.0	96.7
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.7
p1 Cal 4-50ng	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng	5	✓	10.0	10.1	100.5
p1 Cal 6-250ng	6	✓	25.0	27.9	111.5
p1 Cal 7-500ng	7	x	50.0	65.9	131.8
p1 Cal 8-1000ng	8	x	100.0	171.2	171.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



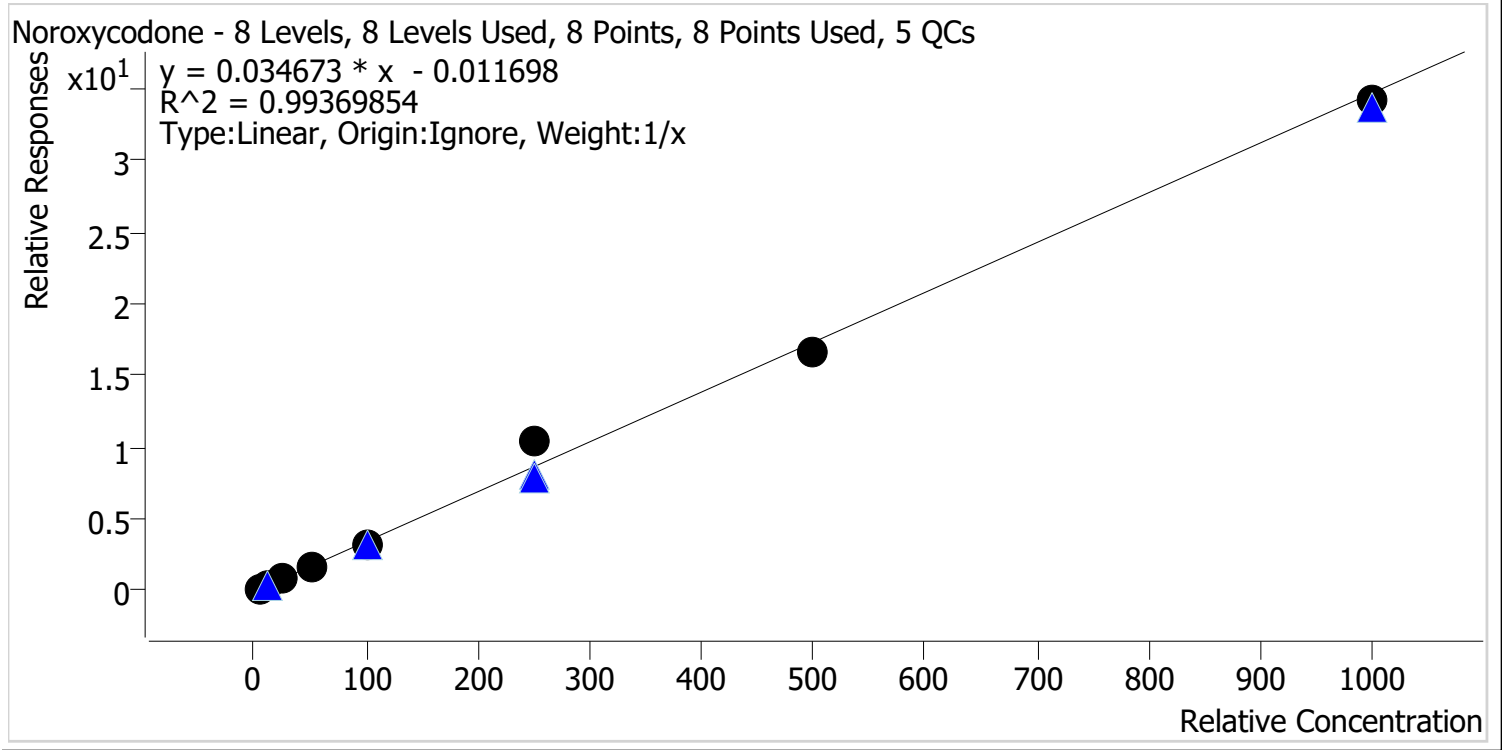
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.9
p1 Cal 2-10ng	2	✓	10.0	8.8	88.3
p1 Cal 3 -25ng	3	✓	25.0	22.2	89.0
p1 Cal 4-50ng	4	✓	50.0	44.6	89.2
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	265.4	106.1
p1 Cal 7-500ng	7	✓	500.0	596.1	119.2
p1 Cal 8-1000ng	8	✗	1000.0	1481.9	148.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

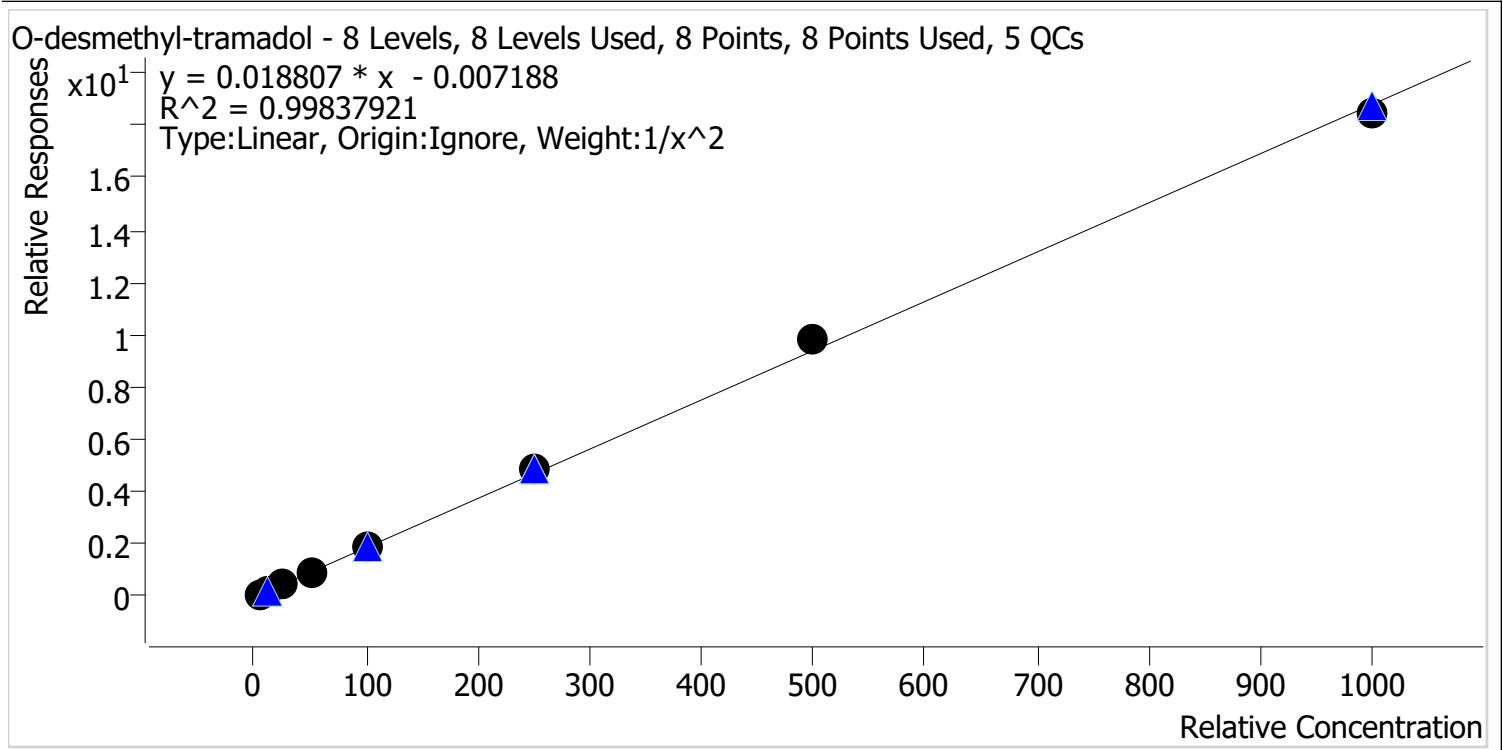


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.4	94.9
p1 Cal 5-100ng	5	✓	100.0	91.9	91.9
p1 Cal 6-250ng	6	✓	250.0	298.1	119.2
p1 Cal 7-500ng	7	✓	500.0	478.5	95.7
p1 Cal 8-1000ng	8	✓	1000.0	984.9	98.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



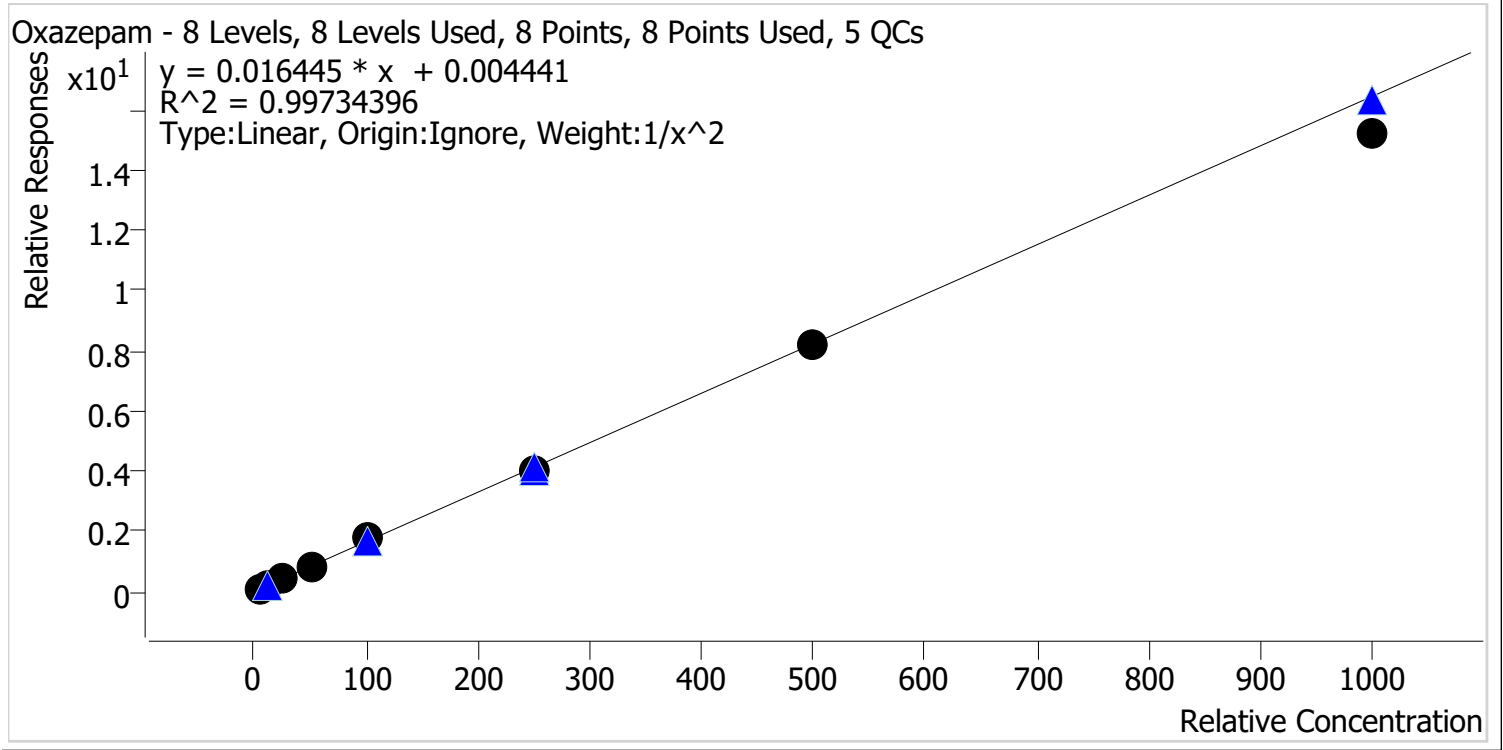
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	259.5	103.8
p1 Cal 7-500ng	7	✓	500.0	526.7	105.3
p1 Cal 8-1000ng	8	✓	1000.0	980.8	98.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



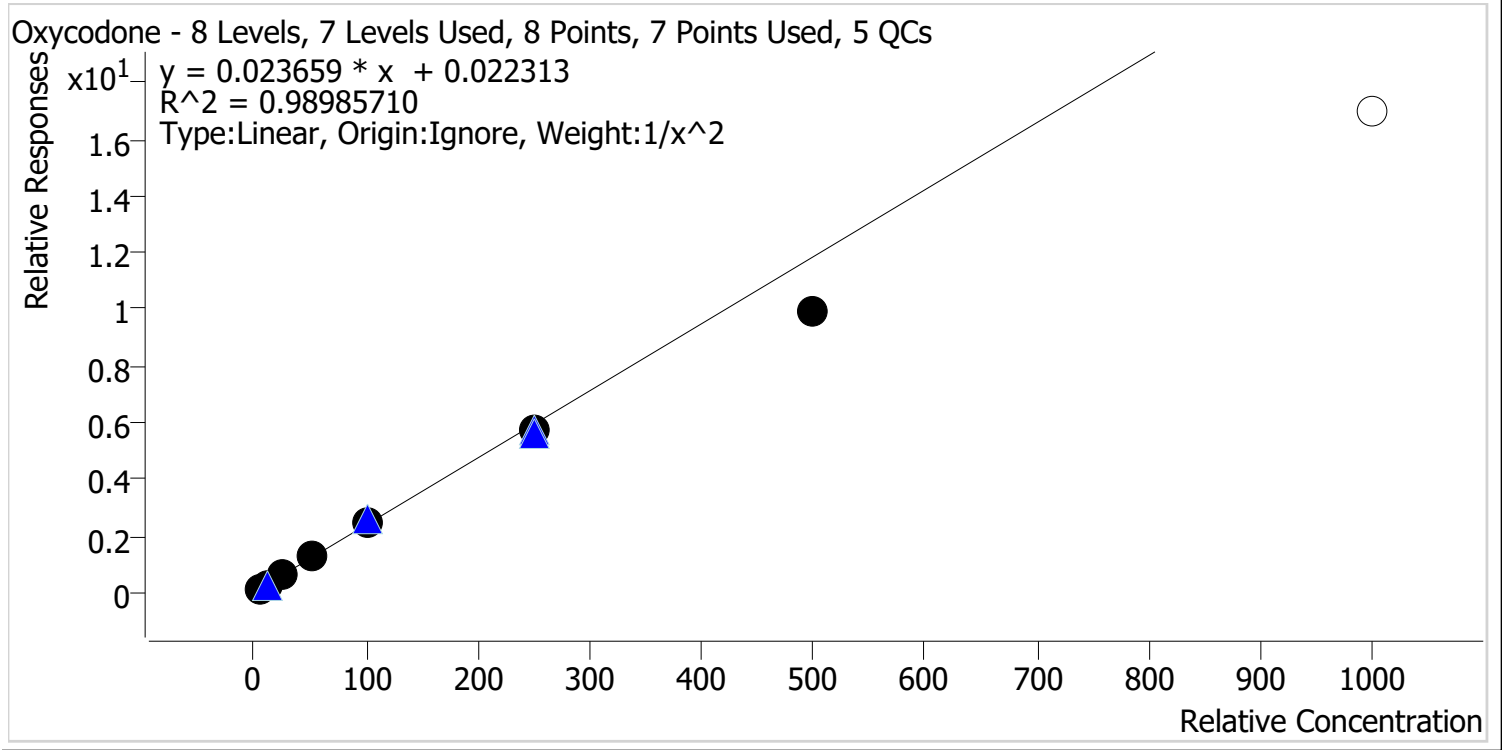
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	494.9	99.0
p1 Cal 8-1000ng	8	✓	1000.0	925.3	92.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

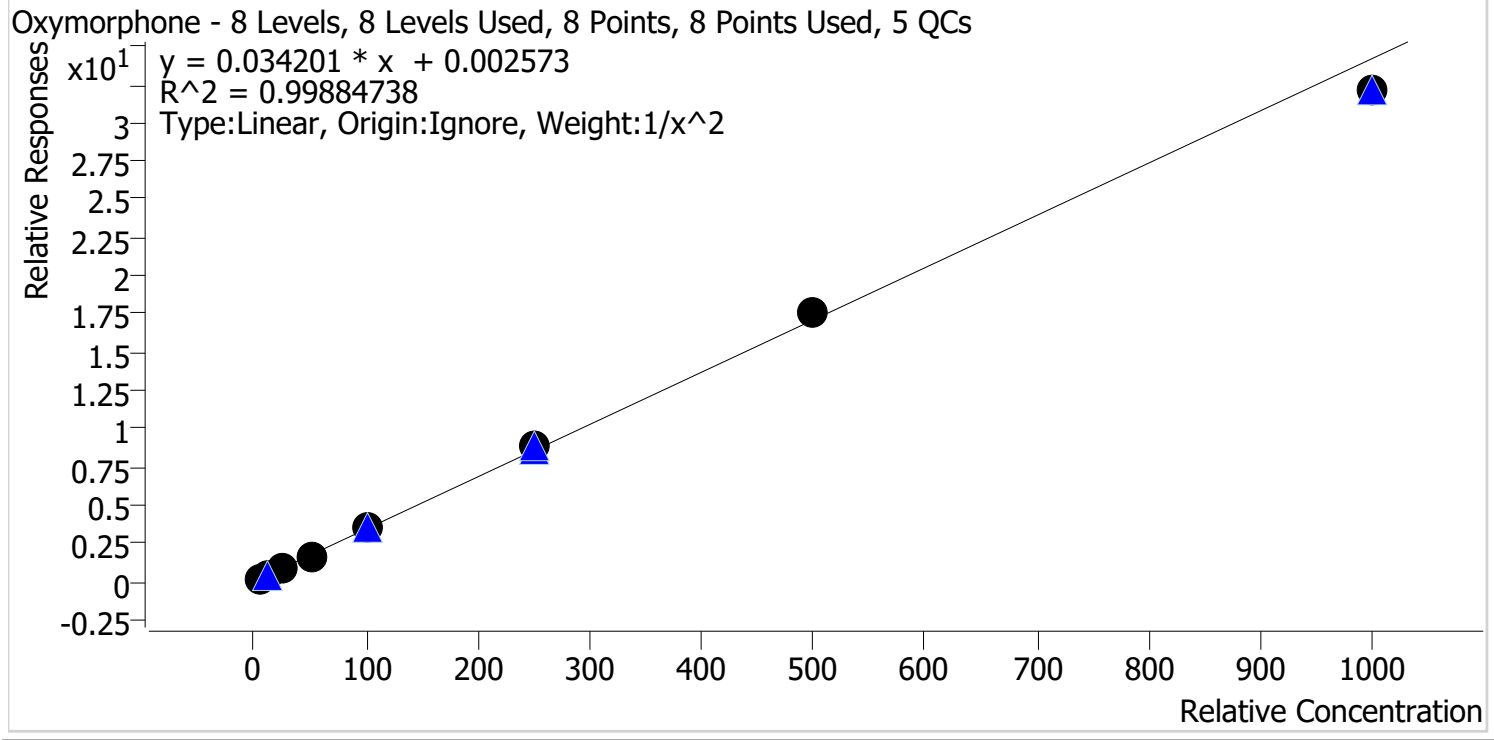


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	419.6	83.9
p1 Cal 8-1000ng	8	✗	1000.0	718.8	71.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



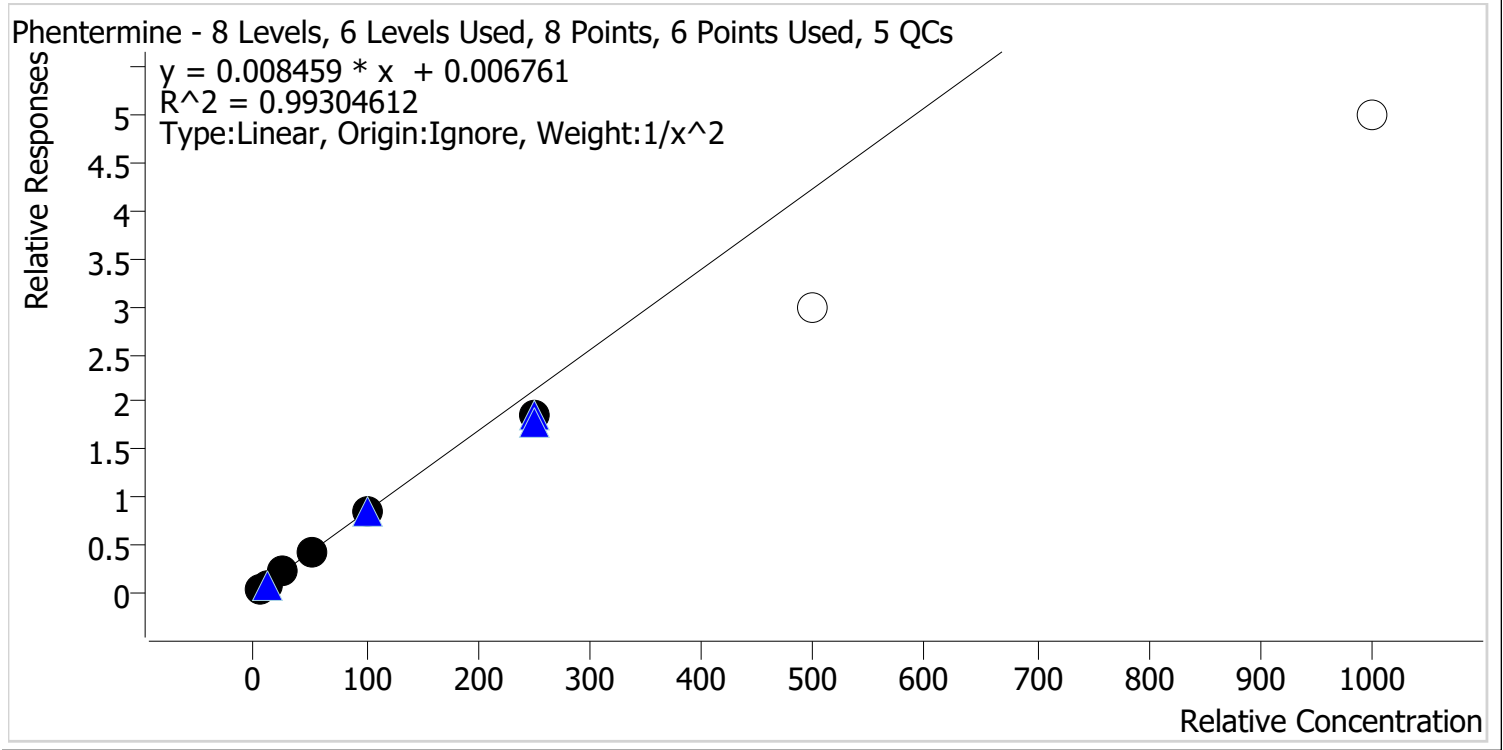
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	49.3	98.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	256.9	102.8
p1 Cal 7-500ng	7	✓	500.0	514.8	103.0
p1 Cal 8-1000ng	8	✓	1000.0	938.7	93.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

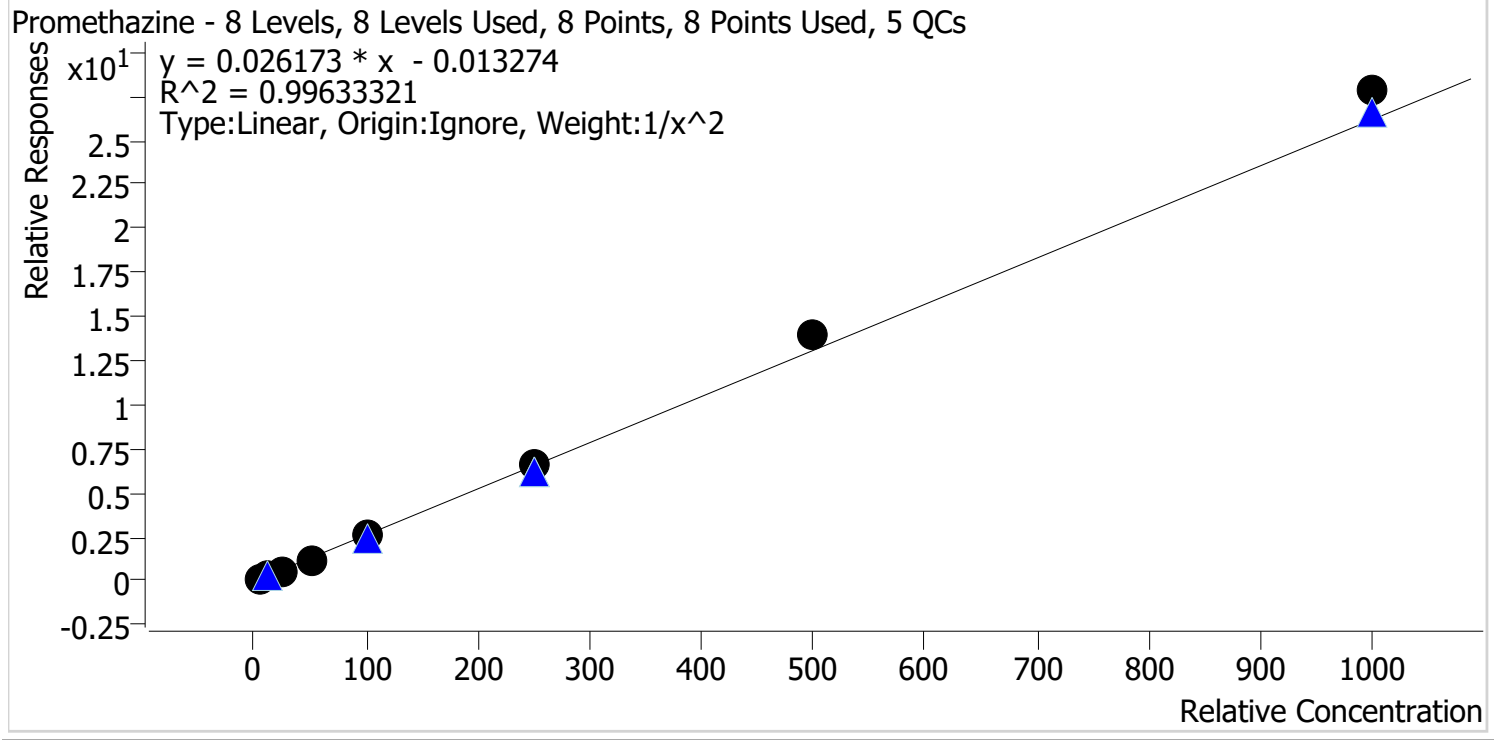


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	51.3	102.7
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	219.7	87.9
p1 Cal 7-500ng	7	x	500.0	351.4	70.3
p1 Cal 8-1000ng	8	x	1000.0	588.7	58.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

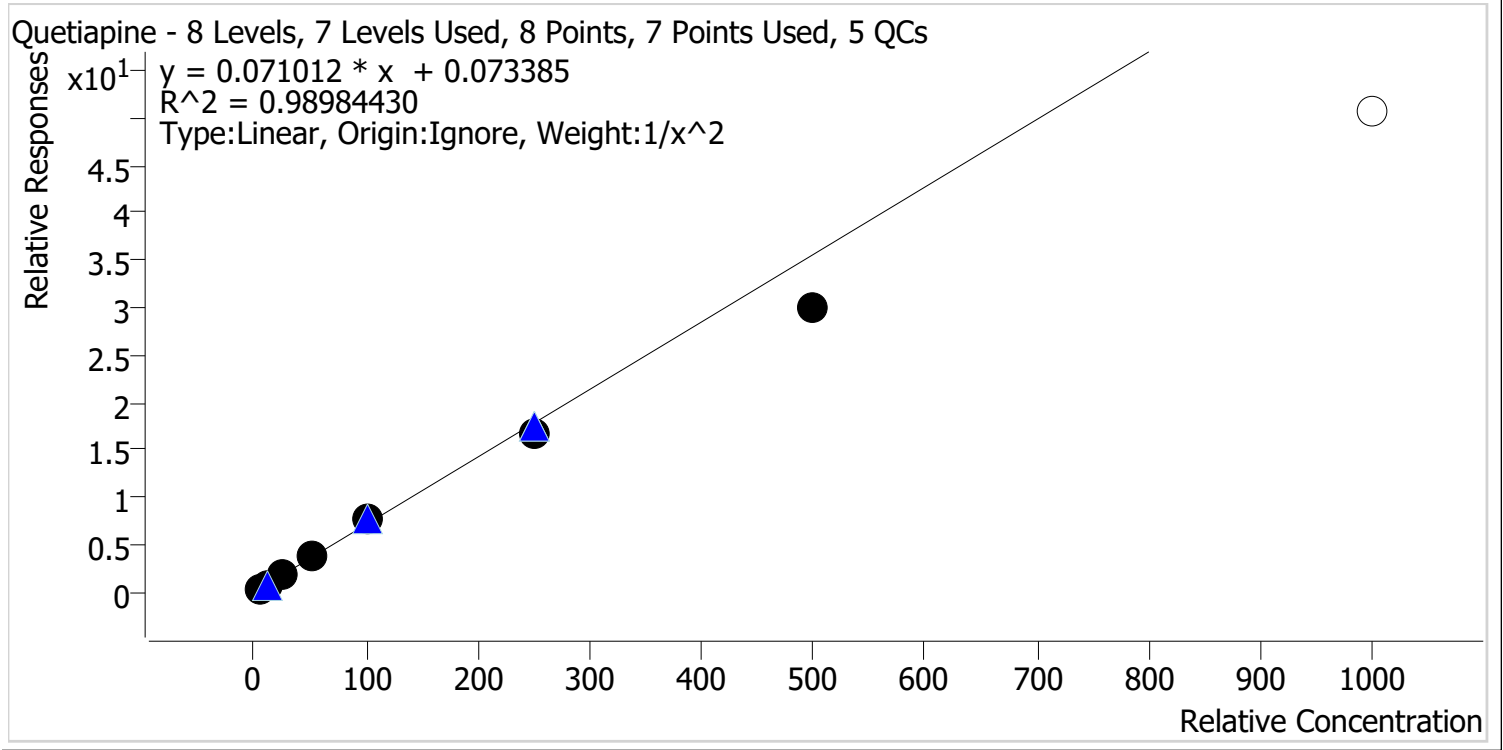


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	46.7	93.5
p1 Cal 5-100ng	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	537.0	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1063.0	106.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

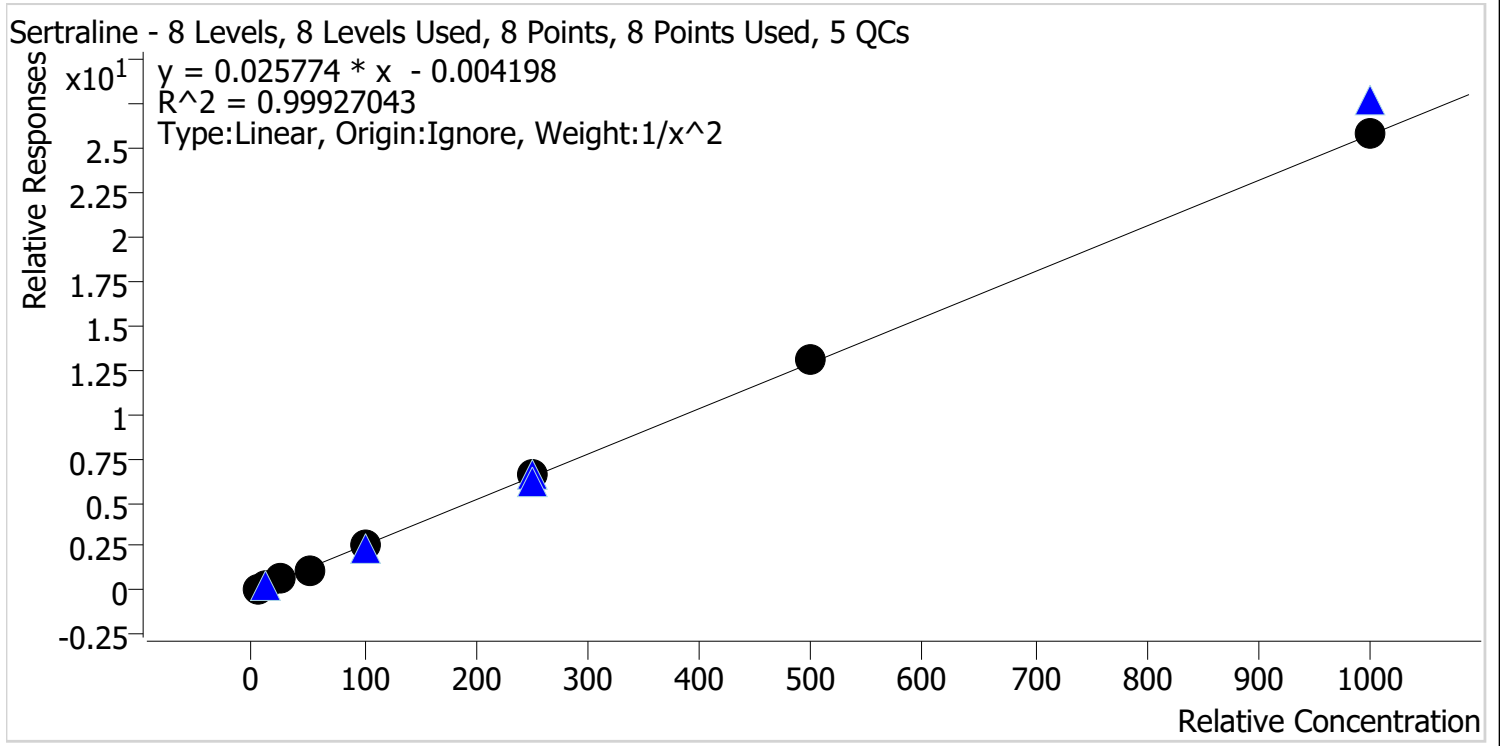


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	236.9	94.7
p1 Cal 7-500ng	7	✓	500.0	423.9	84.8
p1 Cal 8-1000ng	8	✗	1000.0	709.8	71.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

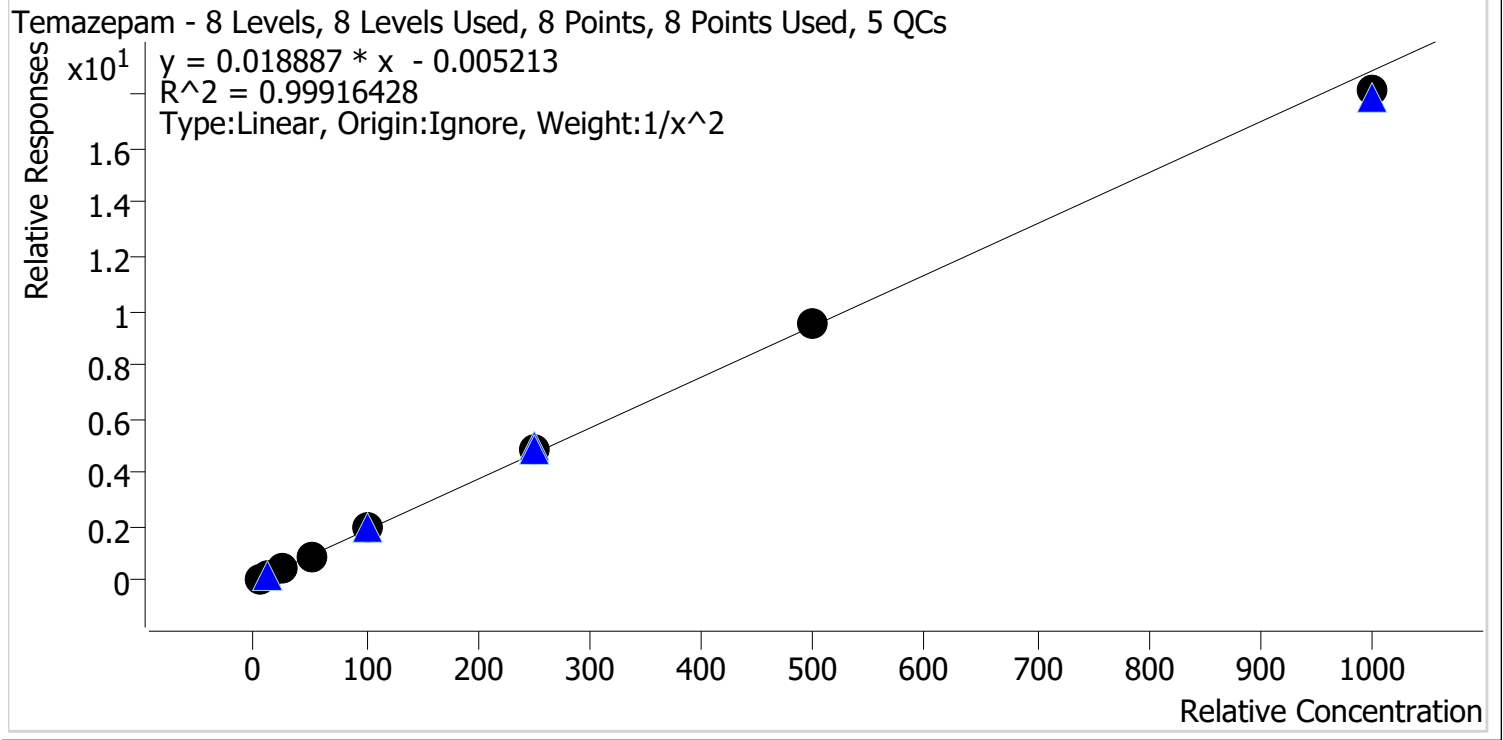


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.7
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	511.0	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1004.7	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



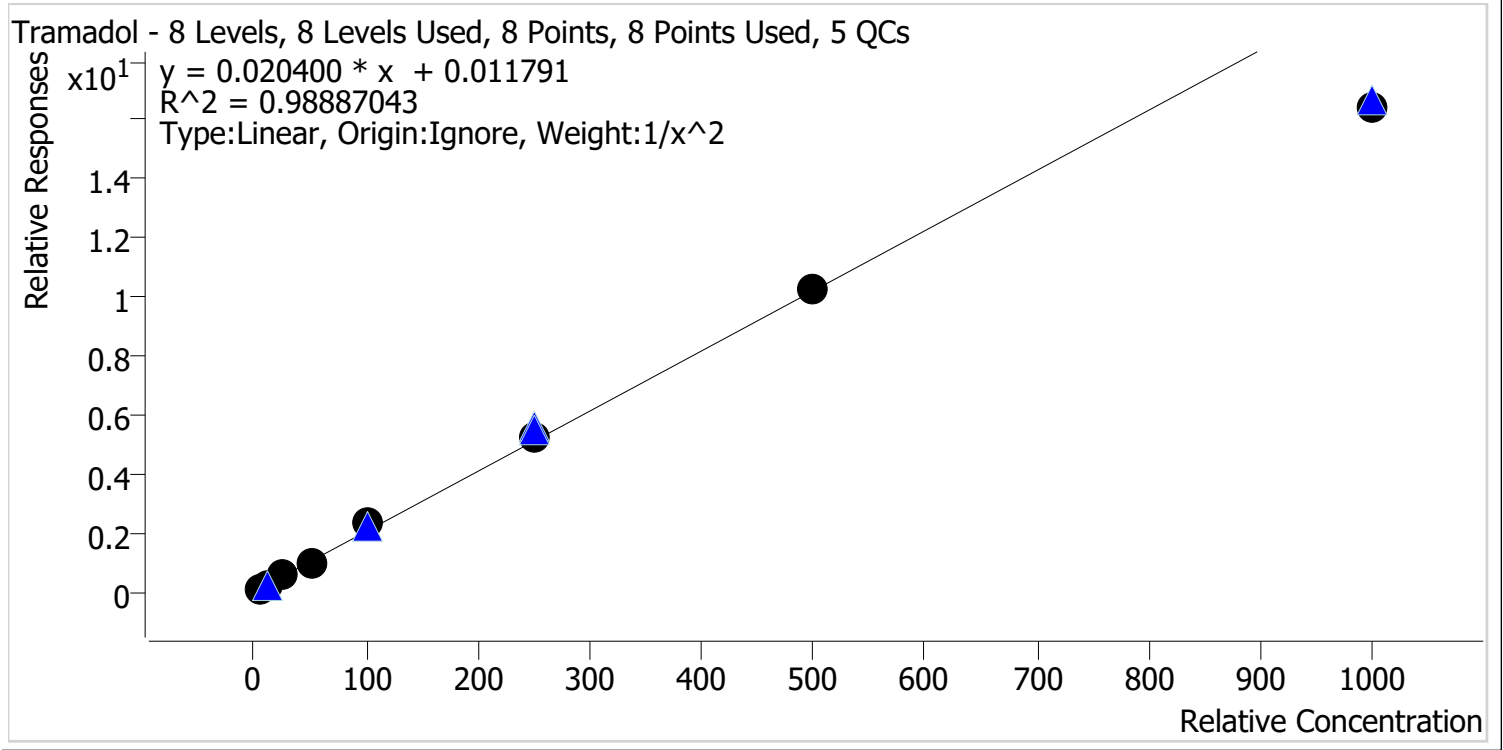
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	961.1	96.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	112.5	112.5
p1 Cal 6-250ng	6	✓	250.0	255.7	102.3
p1 Cal 7-500ng	7	✓	500.0	502.8	100.6
p1 Cal 8-1000ng	8	✓	1000.0	806.2	80.6

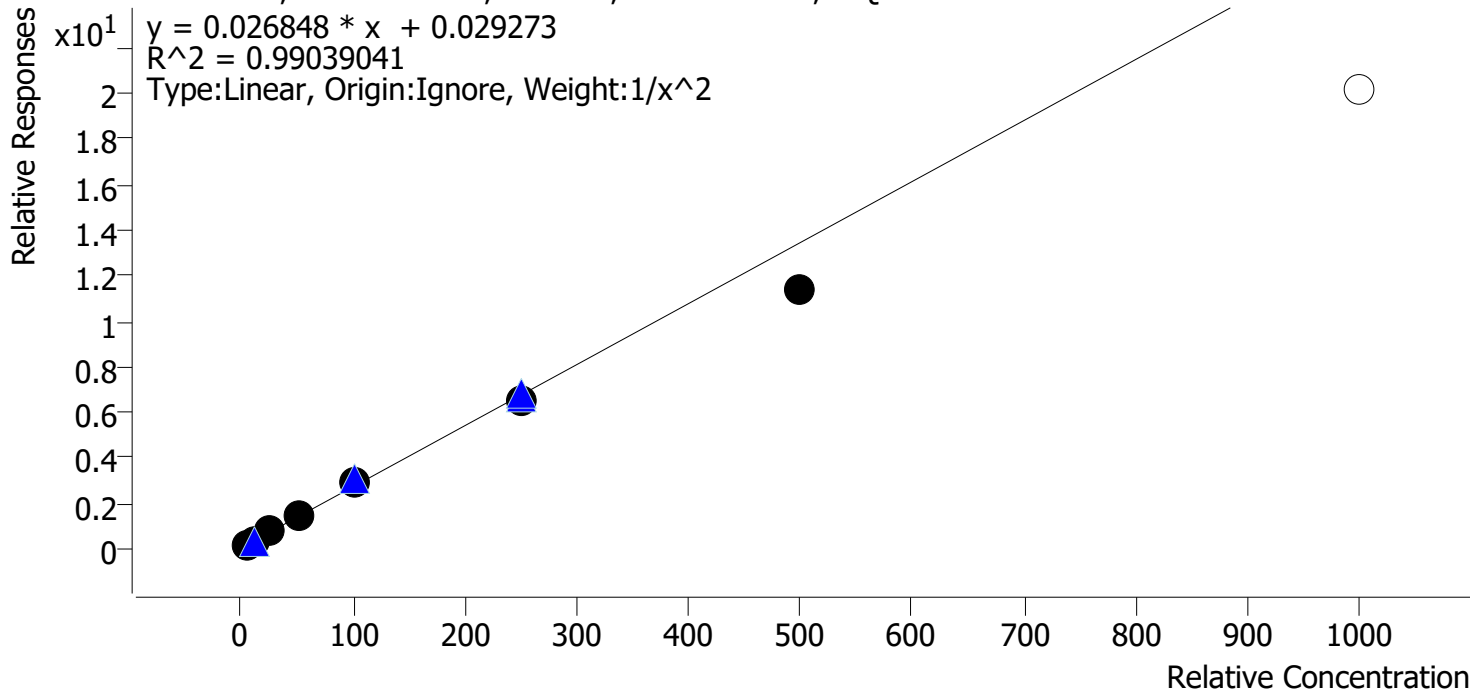
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



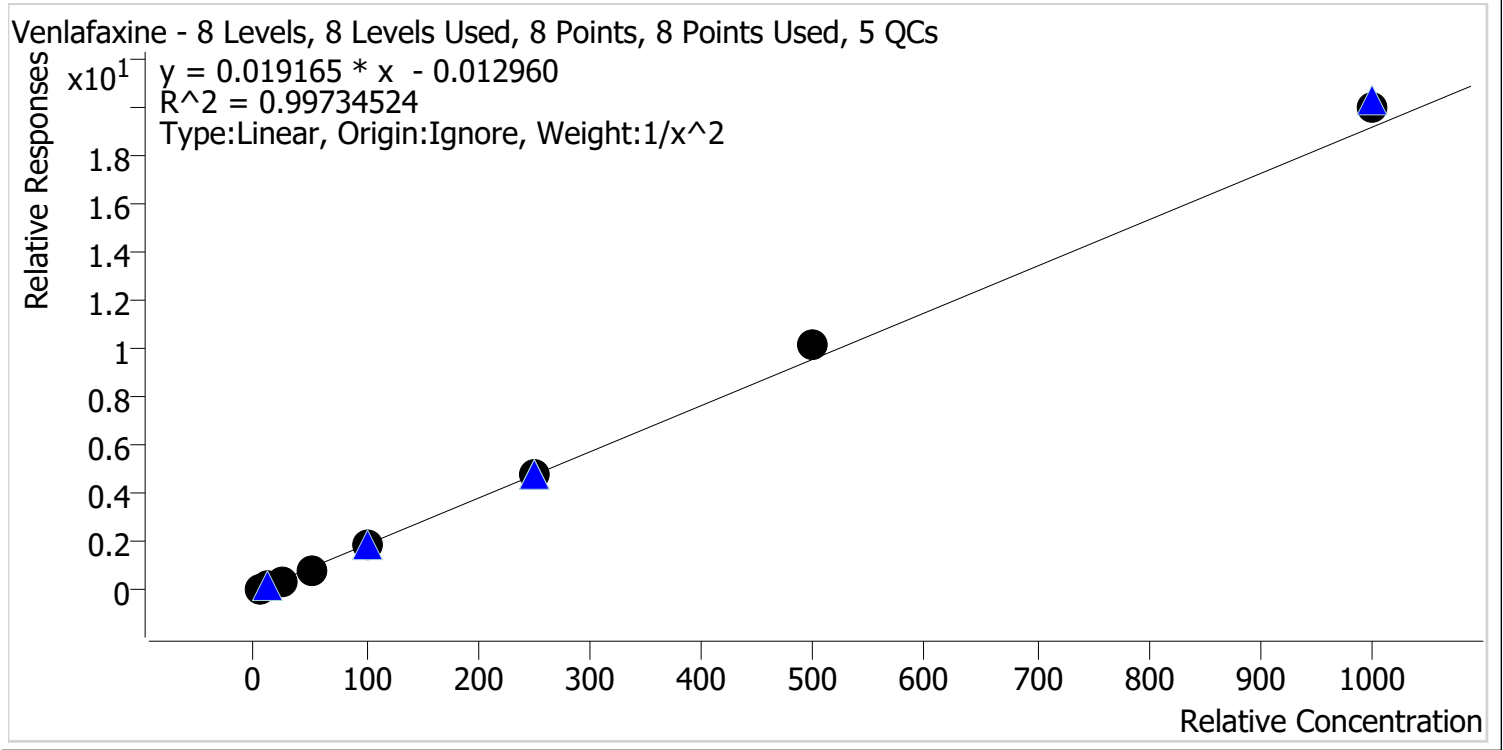
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	238.2	95.3
p1 Cal 7-500ng	7	✓	500.0	425.1	85.0
p1 Cal 8-1000ng	8	✗	1000.0	748.6	74.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



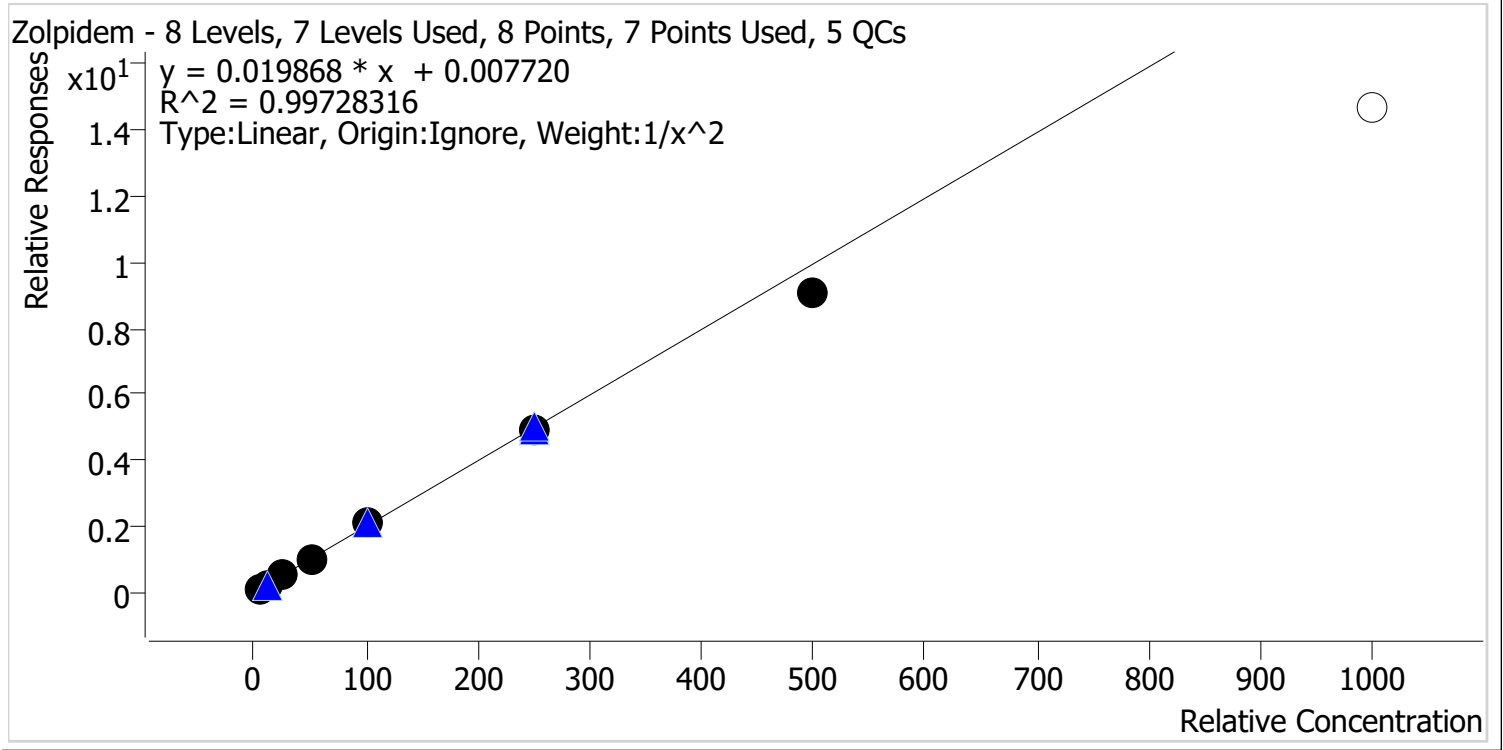
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	47.1	94.3
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	531.6	106.3
p1 Cal 8-1000ng	8	✓	1000.0	1044.9	104.5

5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/6/2023 11:57 AM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	103.2	103.2
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	457.5	91.5
p1 Cal 8-1000ng	8	✗	1000.0	740.9	74.1

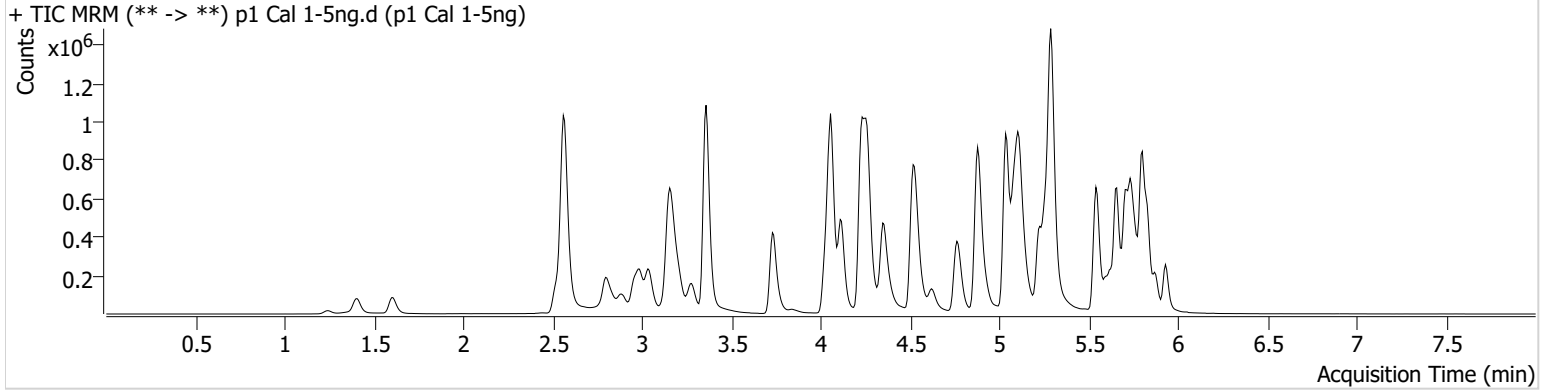


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/26/2023 11:46:57 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1956	4983.65	72.8	3281.02	94636	0.5034 ng/ml
7-aminoclonazepam	4.251	30409	115.36	74.9	237.78	246512	4.8636 ng/ml
a-hydroxyalprazolam	5.689	16788	269.70	67.8	74.91	1423871	4.8701 ng/ml
alpha-PHP	4.928	37615	274.99	267.7	3606.66	1010315	4.9427 ng/ml
alpha-PVP	4.363	135295	6327.31	51.5	2220.22	1010315	5.1042 ng/ml
Alprazolam	5.759	68500	1219.28	112.0	480.77	305424	5.0049 ng/ml
Amphetamine	3.037	271754	787.90	48.8	765.70	493045	4.8476 ng/ml
Benzoylecgonine	3.871	4185	55.25	7.1	44.46	26879	5.0938 ng/ml
Buprenorphine	5.803	2998	92.84	13.8	770.86	179904	0.4971 ng/ml
Bupropion	4.778	157881	2141.87	65.1	1149.94	898098	4.9815 ng/ml
Carisoprodol	5.714	66056	268976.47	58.9	91.40	631308	5.1612 ng/ml
Chlordiazepoxide	5.835	24880	1545.03	105.7	381.73	745098	4.8426 ng/ml
Chlorpheniramine	5.118	189299	7475.55	0.3	21.08	1695252	5.0249 ng/ml
Citalopram	5.225	120153	387.50	36.8	7368.88	890833	5.0699 ng/ml
Clonazepam	5.601	54963	287.58	34.8	∞	158060	4.6948 ng/ml
Clonazolam	5.545	47547	51547.47	36.2	26203.68	158060	4.9041 ng/ml
Cocaine	4.257	107669	4963.93	54.4	197.56	1643105	5.0531 ng/ml
Codeine	2.580	12147	205.48	105.1	182.40	93351	4.6841 ng/ml
Cyclobenzaprine	5.625	46754	2701.03	10.1	33.90	363164	5.1298 ng/ml
Dextromethorphan	5.269	62159	3549.75	81.9	1590.98	516456	5.0168 ng/ml
Dextrorphan	4.118	41723	46506.06	207.5	186.16	949793	5.1443 ng/ml
Diazepam	5.938	57674	276.72	86.3	342.88	397792	4.9905 ng/ml
Dihydrocodeine	2.552	32487	248.47	61.1	180.03	382172	4.8322 ng/ml
Diphenhydramine	5.297	318620	223.65	31.1	176.28	2997116	5.1133 ng/ml
DMT	2.845	11668	201.87	72.1	775.59	516456	4.7672 ng/ml
Doxylamine	4.538	261138	1065.03	101.5	409073.60	2190886	5.0125 ng/ml
Duloxetine	5.651	3307	457.80	20.0 High	39.23	36388	3.8757 ng/ml
EDDP	5.262	66605	325.89	43.5	2275.23	676385	5.0815 ng/ml
Etizolam	5.804	37651	84063.13	26.8	1029.53	158060	5.3416 ng/ml
Fentanyl	5.094	8074	89.54	67.3	11670.50	764673	0.4965 ng/ml
Flualprazolam	5.695	22776	482.95	100.9	1267.60	305424	4.6168 ng/ml
Fluorofentanyl	5.156	21783	154.79	42.6	1389.51	6730	0.5279 ng/ml
Fluoxetine	5.711	47346	358.63	8.7	300.63	344756	5.1610 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	48054	59.85	34.1	240.28	487327	4.7030 ng/ml
Hydromorphone	1.615	38173	171903.54	75.2	1173.95	214403	4.9977 ng/ml
Hydroxyzine	5.701	79427	995.62	69.1	745.74	516456	5.1903 ng/ml
Ketamine	4.043	119272	6232.25	37.5	551.67	725303	4.8767 ng/ml
Lamotrigine	4.274	8139	333.18	86.3	2441.44	2601709	4.8588 ng/ml
Lorazepam	5.737	59568	738.11	57.7	99.94	874520	4.7718 ng/ml
MDA	3.191	180313	929.63	26.2	237.07	702666	4.8116 ng/ml
MDMA	3.285	98576	1070.21	85.1	1619.89	221657	4.9709 ng/ml
Meprobamate	4.895	41404	27953.88	27.9	111.61	378708	4.8583 ng/ml
Methadone	5.656	166028	9227.71	48.2	1116.23	1108338	5.0573 ng/ml
Methamphetamine	3.212	197283	1374.18	39.2	198.75	1435333	4.8386 ng/ml
Metoprolol	4.320	24747	68365.47	107.6	949.79	2004698	4.8309 ng/ml
Mirtazapine	4.627	170819	1235.97	51.3	784.20	1010315	5.2365 ng/ml
Mitragynine	5.230	31611	34000.74	35.6	520.22	1108338	4.9441 ng/ml
Morphine	1.253	5185	2510.13	25.7	498.84	14235	4.9049 ng/ml
Norbuprenorphine	4.990	700	1232.31	78.9	730.72	26760	0.5711 ng/ml
Nordiazepam	5.877	46379	357.87	59.3	1236.08	264083	4.9058 ng/ml
Norfentanyl	4.078	22134	338.02	38.5	39.80	1632803	0.5161 ng/ml
Norhydrocodone	3.060	5702	72.09	35.4	36.44	137497	5.4431 ng/ml
Noroxycodone	2.904	45214	1090.33	50.5	3573.58	263156	5.2926 ng/ml
O-desmethyl-tramadol	3.366	226054	17652.17	5.9	412.59	2555836	5.0850 ng/ml
o-desmethylvenlafaxine	4.063	325377	13581.22	17.0	436.66	444867	5.1874 ng/ml
Olanzapine	4.468	18352	838.00	57.6	172.85	86301	5.1726 ng/ml
Oxazepam	5.740	73337	138.31	73.4	102.68	874520	4.8295 ng/ml
Oxycodone	2.828	84116	861.40	29.0	493.86	621541	4.7770 ng/ml
Oxymorphone	1.405	38706	368.08	48.0	304.45	224834	4.9584 ng/ml
Phentermine	3.767	56271	825.74	4.6	22.24	1182132	4.8280 ng/ml
Promethazine	5.541	123237	644.86	32.5	255.29	1011404	5.1626 ng/ml
Pseudoephedrine	2.576	325965	1181.02	16.4	7747.70	2601709	5.2138 ng/ml
Quetiapine	5.551	125016	10654.19	55.2	1173.54	302675	4.7830 ng/ml
Sertraline	5.773	12524	530.38	102.0	68.04	101382	4.9558 ng/ml
Temazepam	5.807	128814	1119.32	30.8	251.17	1423871	5.0661 ng/ml
Tramadol	4.239	222062	142.60	3.5	88.73	2004698	4.8520 ng/ml
Trazodone	5.134	136810	109473.89	59.4	127021.14	861596	4.8241 ng/ml
Venlafaxine	5.043	190240	8428.74	35.7	1436.47	2223428	5.1407 ng/ml
Zolpidem	4.898	200696	13945.18	29.6	12106.82	1907624	4.9068 ng/ml

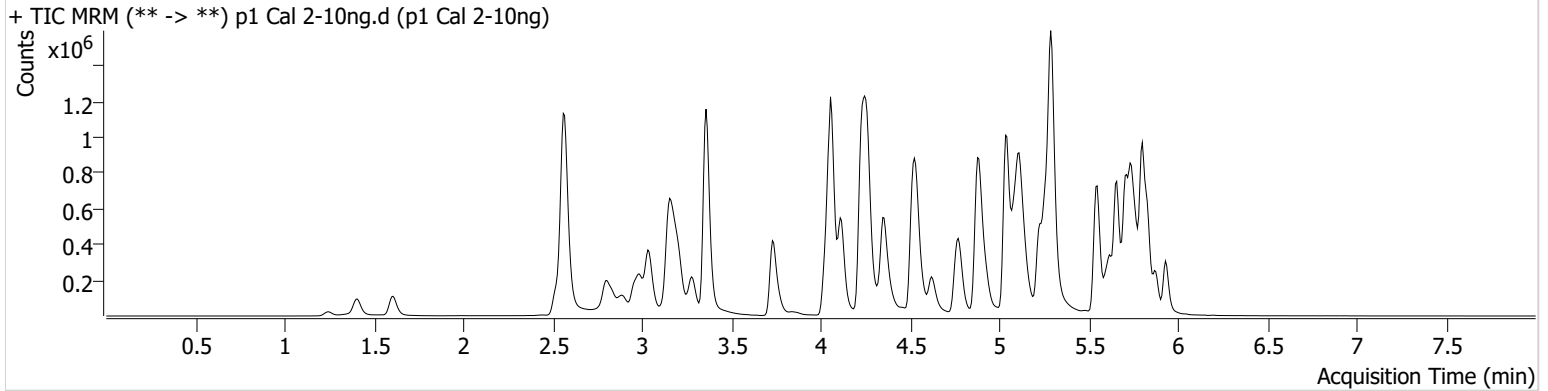


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/26/2023 11:57:45 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3972	2904.56	75.7	1084.79	93790	0.9844 ng/ml
7-aminoclonazepam	4.251	69336	5989.31	77.9	401.28	279048	10.3562 ng/ml
a-hydroxyalprazolam	5.689	37179	252.28	70.5	328.94	1445847	10.4295 ng/ml
alpha-PHP	4.928	73700	1346.88	265.2	9626.66	1009318	10.0126 ng/ml
alpha-PVP	4.363	269242	1304.18	50.6	977.49	1009318	9.8277 ng/ml
Alprazolam	5.759	139354	940.90	108.2	452.95	299544	10.0243 ng/ml
Amphetamine	3.037	524410	1819.92	48.3	473.15	479197	10.4118 ng/ml
Benzoylcegonine	3.871	6903	2057.96	10.0	23.29	24095	9.7141 ng/ml
Buprenorphine	5.796	5342	106.86	15.6	734.57	173108	0.9806 ng/ml
Bupropion	4.785	309034	359.73	63.1	1273.19	883892	10.0267 ng/ml
Carisoprodol	5.714	138145	108515.27	55.5	163.56	640755	9.8237 ng/ml
Chlordiazepoxide	5.835	48076	1438.95	109.1	765.56	753747	10.0359 ng/ml
Chlorpheniramine	5.118	357146	1779.32	0.4	532.31	1575229	10.0407 ng/ml
Citalopram	5.225	227679	6397.56	37.6	121159.39	841004	9.8669 ng/ml
Clonazepam	5.601	152481	393.72	35.2	314.93	185866	10.8632 ng/ml
Clonazolam	5.545	93443	108563.40	36.1	50517.72	185866	9.9525 ng/ml
Cocaine	4.264	208634	2369.78	51.9	134.25	1604561	10.0053 ng/ml
Codeine	2.580	24392	2177.33	104.6	91199.04	92081	10.6521 ng/ml
Cyclobenzaprine	5.625	99335	∞	9.7	74.98	394860	9.7885 ng/ml
Dextromethorphan	5.269	112642	126.82	78.6	271.92	463229	10.0054 ng/ml
Dextrorphan	4.118	80221	361342.40	213.4	972.27	937109	9.7298 ng/ml
Diazepam	5.938	113306	374.60	86.4	324.25	399630	9.9972 ng/ml
Dihydrocodeine	2.552	63337	23474.65	63.0	5996.43	379907	10.3503 ng/ml
Diphenhydramine	5.297	601552	1208391.65	30.5	245.55	2791313	9.8040 ng/ml
DMT	2.845	22589	440.89	68.0 Low	246.20	463229	11.0735 ng/ml
Doxylamine	4.538	524235	15170.86	98.8	114196.66	2183110	9.9094 ng/ml
Duloxetine	5.651	7914	304.18	15.1	1086.62	37654	9.9887 ng/ml
EDDP	5.262	150116	600.89	41.3	1475.25	762908	9.8810 ng/ml
Etizolam	5.804	72230	60203.56	27.4	33369.95	185866	9.0647 ng/ml
Fentanyl	5.094	11645	129.40	69.3	7266.11	604496	0.9714 ng/ml
Flualprazolam	5.695	46933	1998.11	98.6	6255.74	299544	11.0174 ng/ml
Fluorofentanyl	5.156	30879	280.49	44.8	2520.78	5027	0.9502 ng/ml
Fluoxetine	5.711	84875	95468.78	8.2	12267.12	314600	9.6408 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	91188	93.75	34.2	69.35	470528	10.5382 ng/ml
Hydromorphone	1.615	79543	410.28	75.5	60211.69	225084	9.9980 ng/ml
Hydroxyzine	5.701	146689	1314.76	71.4	840.08	463229	9.5263 ng/ml
Ketamine	4.043	225163	1224.55	38.4	203.01	715078	10.1298 ng/ml
Lamotrigine	4.274	16547	379.38	81.2	1076.25	2557324	10.2670 ng/ml
Lorazepam	5.737	123902	264.23	54.7	172.48	896957	10.4043 ng/ml
MDA	3.191	341709	1985.83	25.9	512.08	681026	10.3105 ng/ml
MDMA	3.285	191076	56341.59	84.9	1109.50	213935	10.0283 ng/ml
Meprobamate	4.895	81464	1359.77	26.5	853.03	372127	10.3909 ng/ml
Methadone	5.656	322575	5751.38	48.5	545.27	1048109	10.0119 ng/ml
Methamphetamine	3.212	362579	2326.99	40.3	1540.47	1417625	10.1997 ng/ml
Metoprolol	4.320	48474	51739.47	106.0	4649.53	1951914	10.2957 ng/ml
Mirtazapine	4.620	326743	2065.00	51.3	5963.40	1009318	9.4000 ng/ml
Mitragynine	5.230	57463	37409.28	36.6	8057.12	1048109	9.9328 ng/ml
Morphine	1.253	10884	7529.77	25.7	246.32	15311	10.1108 ng/ml
Norbuprenorphine	4.997	862	2012.68	91.5	724.51	24569	0.9118 ng/ml
Nordiazepam	5.877	95386	2855.19	59.1	399.24	262646	10.3195 ng/ml
Norfentanyl	4.078	45128	581.24	36.9	256.21	1644294	0.9668 ng/ml
Norhydrocodone	3.060	9780	135.08	41.8	49.18	131783	8.8291 ng/ml
Noroxycodone	2.904	84778	858.14	46.2	505.81	259831	9.7476 ng/ml
O-desmethyl-tramadol	3.366	446886	7514.89	6.0	211.69	2499017	9.8905 ng/ml
o-desmethylvenlafaxine	4.063	648822	23148.30	17.3	925.68	433985	9.7879 ng/ml
Olanzapine	4.461	39976	240.83	54.5	475.49	92734	9.6857 ng/ml
Oxazepam	5.740	159110	438.18	69.0	198.76	896957	10.5171 ng/ml
Oxycodone	2.828	165766	808.21	30.4	552.46	614274	10.4628 ng/ml
Oxymorphone	1.405	76218	257.17	47.5	∞	217329	10.1788 ng/ml
Phentermine	3.767	109887	353.96	5.0	17.98	1161235	10.3876 ng/ml
Promethazine	5.541	219116	489.21	30.5	309.04	910937	9.6975 ng/ml
Pseudoephedrine	2.576	635427	13186.91	16.4	9826.97	2557324	9.6070 ng/ml
Quetiapine	5.551	236565	7555.41	56.7	2363.39	291231	10.4055 ng/ml
Sertraline	5.773	28039	262.86	99.4	27737.31	107237	10.3074 ng/ml
Temazepam	5.807	259372	588.91	29.9	171.30	1445847	9.7743 ng/ml
Tramadol	4.239	431798	197.90	3.5	44.04	1951914	10.2661 ng/ml
Trazodone	5.134	232331	2238.88	62.0	122953.01	764879	10.2235 ng/ml
Venlafaxine	5.043	382099	1525.49	35.7	444.27	2193438	9.7657 ng/ml
Zolpidem	4.898	390873	3358.38	29.4	1274.17	1869846	10.1329 ng/ml

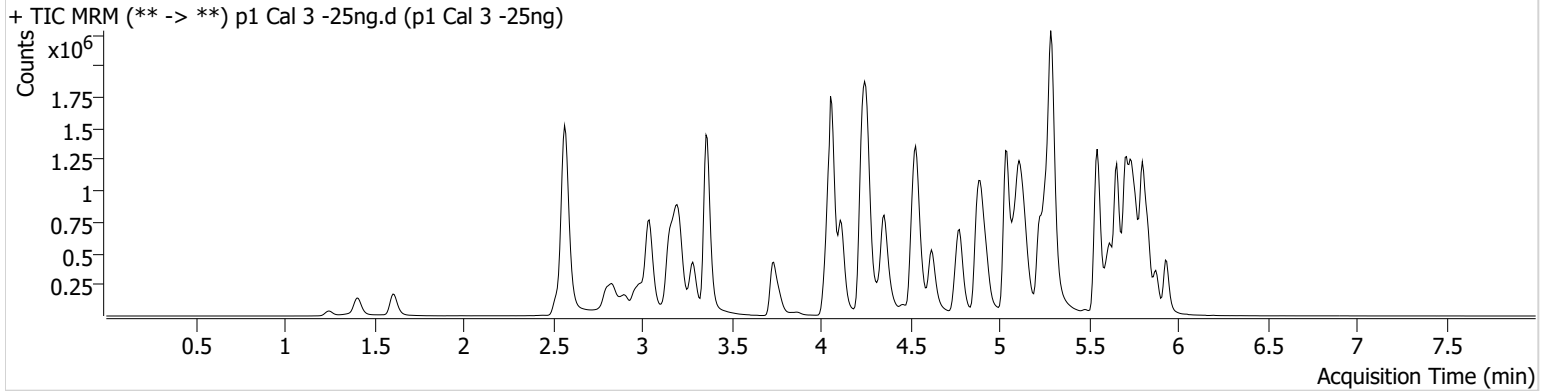


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) **Data File** p1 Cal 3 -25ng.d
Type Cal **Sample** p1 Cal 3 -25ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C1 **Comment**
Injection Volume 2
Acq. Date-Time 5/27/2023 12:08:22 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	10893	1323.12	66.7	4143.33	96239	2.5563 ng/ml
7-aminoclonazepam	4.251	176734	6253.41	78.6	5986.69	293488	25.8840 ng/ml
a-hydroxyalprazolam	5.689	86740	488.75	72.2	294.81	1355663	25.7094 ng/ml
alpha-PHP	4.928	189042	1221.35	268.2	7045.66	1027187	25.7400 ng/ml
alpha-PVP	4.363	687695	972.13	50.8	997.18	1027187	24.1479 ng/ml
Alprazolam	5.766	346777	509.88	107.8	867.28	296766	24.6757 ng/ml
Amphetamine	3.043	1335417	5062.99	46.4	1432.91	500946	26.5093 ng/ml
Benzoylcegonine	3.871	17977	1047.25	9.0	407.18	25536	24.4610 ng/ml
Buprenorphine	5.803	14851	27020.55	13.9	137.30	183675	2.6831 ng/ml
Bupropion	4.778	787679	14012.32	64.6	2074.12	906506	25.0979 ng/ml
Carisoprodol	5.714	314633	406.82	58.5	241.32	597356	22.8962 ng/ml
Chlordiazepoxide	5.835	123180	3060.79	105.2	389.49	725253	28.1595 ng/ml
Chlorpheniramine	5.118	956019	4205.82	0.3	60.91	1719806	24.3897 ng/ml
Citalopram	5.225	607036	648.31	36.9	485.26	891737	24.3451 ng/ml
Clonazepam	5.601	378044	2161.99	34.9	179.40	185787	26.7127 ng/ml
Clonazolam	5.545	219721	373205.73	36.0	93686.74	185787	26.9509 ng/ml
Cocaine	4.257	513050	626.58	52.0	3791.34	1633340	24.1397 ng/ml
Codeine	2.580	60160	23032.35	103.8	936633.95	91375	28.0749 ng/ml
Cyclobenzaprine	5.625	307897	244.84	9.2	82.08	492385	23.9639 ng/ml
Dextromethorphan	5.269	306681	434.33	80.6	13950.64	501202	24.9832 ng/ml
Dextrorphan	4.118	206615	49196.34	212.9	3277.62	969678	23.7551 ng/ml
Diazepam	5.938	275335	376.48	89.9	4417.94	396013	24.8767 ng/ml
Dihydrocodeine	2.552	159217	195.75	63.4	174.47	389077	26.7271 ng/ml
Diphenhydramine	5.297	1613661	151120.55	30.6	1355976.95	3015750	23.5315 ng/ml
DMT	2.852	54286	516.53	78.9	290.84	501202	25.4222 ng/ml
Doxylamine	4.538	1361658	94372.91	97.7	34043.52	2235024	24.8543 ng/ml
Duloxetine	5.651	22685	949.15	12.4	523.22	45205	24.9325 ng/ml
EDDP	5.262	397421	470.59	41.6	2745.15	811246	24.1930 ng/ml
Etizolam	5.804	176679	127180.94	27.7	1887.06	185787	22.9851 ng/ml
Fentanyl	5.094	36221	287.77	71.6	40126.92	723636	2.6510 ng/ml
Flualprazolam	5.695	108571	4500.98	104.4	6210.92	296766	27.3219 ng/ml
Fluorofentanyl	5.156	98807	1070.09	43.2	3958.01	6721	2.1940 ng/ml
Fluoxetine	5.711	251006	272.74	8.3	31264.79	364292	23.8203 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	233301	202.36	35.1	326.46	487696	27.9827 ng/ml
Hydromorphone	1.615	199250	1596.47	75.8	3371.22	225490	25.1184 ng/ml
Hydroxyzine	5.701	430371	916.77	69.2	10818.91	501202	23.9557 ng/ml
Ketamine	4.043	564902	717.20	37.3	1285.56	716444	26.6678 ng/ml
Lamotrigine	4.274	41022	1420.69	87.7	38217.83	2560344	25.7234 ng/ml
Lorazepam	5.737	296365	24678.71	54.1	411.70	838459	27.7254 ng/ml
MDA	3.191	870627	3933.33	25.3	3321.01	689678	27.3720 ng/ml
MDMA	3.285	487187	12053.57	85.1	5264.74	216239	25.3647 ng/ml
Meprobamate	4.895	195635	11303.12	26.1	131.35	363524	26.5087 ng/ml
Methadone	5.656	877916	224928.40	48.1	1234.79	1150609	24.2899 ng/ml
Methamphetamine	3.212	912435	1854.77	39.5	1901.25	1463362	26.8632 ng/ml
Metoprolol	4.320	122880	608469.35	105.4	3942.14	1977413	26.6202 ng/ml
Mirtazapine	4.620	869746	2928.53	51.0	20047.84	1027187	23.4804 ng/ml
Mitragynine	5.230	163183	2385.32	36.0	90458.63	1150609	26.4321 ng/ml
Morphine	1.253	27353	1668.88	27.7	32.00	15156	26.5387 ng/ml
Norbuprenorphine	4.997	1924	18.19	86.1	1614.78	27996	2.1950 ng/ml
Nordiazepam	5.877	231385	776.01	59.8	320.31	261359	25.3915 ng/ml
Norfentanyl	4.078	112685	8805.35	37.7	448.22	1613334	2.3426 ng/ml
Norhydrocodone	3.067	25225	154.41	39.9	44.60	123726	22.2390 ng/ml
Noroxycodone	2.911	215236	1114.27	49.5	251.26	261081	24.1137 ng/ml
O-desmethyl-tramadol	3.366	1144238	1503.84	6.1	5277.76	2594522	23.8316 ng/ml
o-desmethylvenlafaxine	4.063	1617131	37961.61	17.0	2377.91	439023	22.9721 ng/ml
Olanzapine	4.461	116972	242.74	55.2	231.46	105509	23.6853 ng/ml
Oxazepam	5.740	359550	432.04	73.7	381.84	838459	25.8069 ng/ml
Oxycodone	2.828	409229	25123.06	30.6	1380.19	625521	26.7085 ng/ml
Oxymorphone	1.411	191893	215.69	47.9	∞	223999	24.9727 ng/ml
Phentermine	3.774	275845	816.69	5.1	256.06	1185402	26.7100 ng/ml
Promethazine	5.548	680791	40933.48	31.0	6794.62	1123009	23.6691 ng/ml
Pseudoephedrine	2.576	1609061	26708.23	16.1	847.25	2560344	23.1584 ng/ml
Quetiapine	5.551	621606	33952.25	58.0	1306532.02	312331	26.9932 ng/ml
Sertraline	5.773	75896	306.90	97.1	188702.28	119950	24.7117 ng/ml
Temazepam	5.807	624026	5338.77	29.6	532.69	1355663	24.6483 ng/ml
Tramadol	4.239	1093799	49.58	3.2	86.33	1977413	26.5372 ng/ml
Trazodone	5.134	650442	1772310.76	64.0	42241.52	856582	27.1933 ng/ml
Venlafaxine	5.042	973180	26117.28	35.7	302.25	2215439	23.5965 ng/ml
Zolpidem	4.898	1005388	2775.54	29.2	35964.42	1894041	26.3288 ng/ml

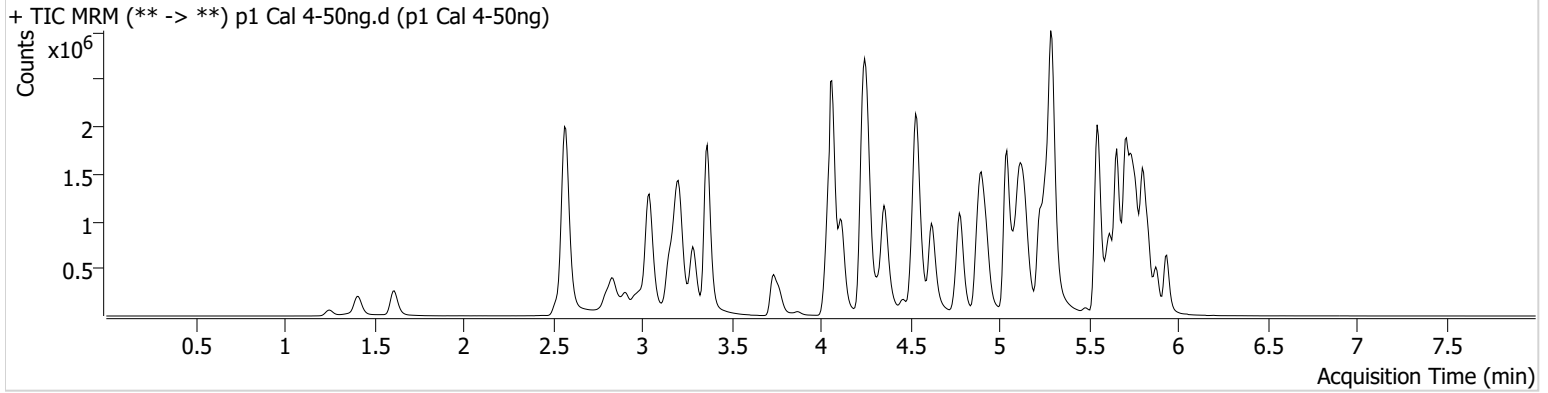


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/27/2023 12:18:59 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	19864	840.28	73.9	1209.45	91748	4.8492 ng/ml
7-aminoclonazepam	4.251	325589	12798.54	77.8	5689.13	272998	51.8046 ng/ml
a-hydroxyalprazolam	5.689	149688	445.22	70.6	536.40	1200390	49.9515 ng/ml
alpha-PHP	4.928	360681	8484.09	262.3	8986.93	987617	51.4046 ng/ml
alpha-PVP	4.363	1305174	18730.00	51.1	1324.13	987617	47.3327 ng/ml
Alprazolam	5.766	640004	1177.61	107.4	2316.04	273996	48.9932 ng/ml
Amphetamine	3.043	2407686	998.27	45.5	3294.08	472701	51.3779 ng/ml
Benzoylcegonine	3.871	35008	7356.57	8.5	17518.16	24895	49.2654 ng/ml
Buprenorphine	5.796	25568	38653.74	14.9	9624.38	169683	5.0613 ng/ml
Bupropion	4.785	1495176	37962.47	64.8	868.24	867829	49.8826 ng/ml
Carisoprodol	5.714	550926	486901.79	56.2	328.27	497066	47.3363 ng/ml
Chlordiazepoxide	5.835	217239	6919.49	110.5	1890.90	705335	51.7664 ng/ml
Chlorpheniramine	5.118	1843053	6288.67	0.3	132.79	1657208	48.6382 ng/ml
Citalopram	5.225	1157358	65109.57	36.5	830.34	845398	48.6493 ng/ml
Clonazepam	5.608	681456	309.29	34.4	11367.01	169319	52.6821 ng/ml
Clonazolam	5.552	386214	509734.67	36.7	169747.67	169319	54.4106 ng/ml
Cocaine	4.264	949595	11964.08	51.7	418.18	1508094	48.3685 ng/ml
Codeine	2.580	105992	483.60	105.2	10932.68	85864	53.5805 ng/ml
Cyclobenzaprine	5.625	612894	2392.28	9.2	270.16	500511	46.6909 ng/ml
Dextromethorphan	5.269	573118	306.66	80.4	343134.06	485679	48.0614 ng/ml
Dextrorphan	4.118	389891	1488.22	214.0	1488.66	911742	47.3623 ng/ml
Diazepam	5.938	519960	5553.34	89.0	8977.29	368737	50.7096 ng/ml
Dihydrocodeine	2.552	295000	16589.28	63.4	5099.03	378051	51.7888 ng/ml
Diphenhydramine	5.297	3100956	936.68	30.1	16867.20	2789822	48.2934 ng/ml
DMT	2.852	96478	382.34	80.9	893.62	485679	47.1894 ng/ml
Doxylamine	4.538	2643335	5730.22	98.2	70934.86	2148521	50.0012 ng/ml
Duloxetine	5.651	47656	2488.09	14.6	8204.41	48489	49.5788 ng/ml
EDDP	5.262	759368	24285.53	41.9	14586.06	769022	48.4870 ng/ml
Etizolam	5.804	322736	8264.69	27.5	6312.43	169319	46.6271 ng/ml
Fentanyl	5.101	70350	81246.20	67.9	44811.31	717053	5.2723 ng/ml
Flualprazolam	5.695	191407	5477.40	106.9	13847.84	273996	53.2581 ng/ml
Fluorofentanyl	5.156	196266	489.82	42.9	7220.51	6208	4.6517 ng/ml
Fluoxetine	5.711	502660	11102.57	8.2	5275.54	360558	47.6681 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	426807	∞	35.4	286.37	470855	54.2237 ng/ml
Hydromorphone	1.615	377543	2502175.73	75.9	2975.67	217632	49.3899 ng/ml
Hydroxyzine	5.701	831026	12132.21	70.0	17079.13	485679	46.6477 ng/ml
Ketamine	4.043	1059108	27478.24	37.3	21307.13	693926	52.4306 ng/ml
Lamotrigine	4.274	76986	907.90	85.5	1883.17	2364316	52.4881 ng/ml
Lorazepam	5.737	484321	15026.18	52.2	1036.04	726706	52.9030 ng/ml
MDA	3.191	1522230	6604.98	25.0	3420.79	634908	52.8359 ng/ml
MDMA	3.285	917631	4715.34	85.8	2893.25	205370	50.3476 ng/ml
Meprobamate	4.895	347881	1608.49	25.5	249.77	344808	50.2754 ng/ml
Methadone	5.656	1664616	2078.73	48.6	23138.87	1122743	46.8606 ng/ml
Methamphetamine	3.212	1710889	4939.42	39.0	2585.01	1418900	53.2465 ng/ml
Metoprolol	4.320	232386	186952.74	103.9	11698.65	1951432	51.5362 ng/ml
Mirtazapine	4.620	1684994	8263.11	50.1	4432.30	987617	46.6174 ng/ml
Mitragynine	5.230	301538	258.12	37.2	1062.65	1122743	50.4703 ng/ml
Morphine	1.253	51010	706.74	27.6	1366.07	15259	49.6379 ng/ml
Norbuprenorphine	4.997	3657	14856.82	87.5	2756.38	24668	5.2290 ng/ml
Nordiazepam	5.884	423417	1226.28	59.6	30654.55	247000	49.3192 ng/ml
Norfentanyl	4.078	208547	25342.11	37.4	559.71	1457537	4.7189 ng/ml
Norhydrocodone	3.067	46045	291.56	38.8	81.33	109604	44.6015 ng/ml
Noroxycodone	2.911	388721	3341.85	49.9	398.36	237965	47.4494 ng/ml
O-desmethyl-tramadol	3.366	2188857	18734.78	6.1	∞	2433510	48.2074 ng/ml
o-desmethylvenlafaxine	4.063	3086501	160175.86	17.0	2519.47	420501	45.0010 ng/ml
Olanzapine	4.461	271375	1038.51	56.2	394.47	121149	47.0609 ng/ml
Oxazepam	5.747	599942	2589.27	76.7	400.54	726706	49.9329 ng/ml
Oxycodone	2.828	780932	2156.11	30.5	7985.60	602383	53.8514 ng/ml
Oxymorphone	1.411	361684	∞	46.8	∞	214248	49.2842 ng/ml
Phentermine	3.774	508700	843.26	4.9	50.58	1153307	51.3437 ng/ml
Promethazine	5.548	1323511	561.21	31.0	1397.17	1093783	46.7389 ng/ml
Pseudoephedrine	2.576	2988927	2614.78	16.2	43854.43	2364316	45.8307 ng/ml
Quetiapine	5.551	1159308	11336.89	58.4	62169.88	300177	53.3532 ng/ml
Sertraline	5.773	163680	2834.58	95.7	207.42	133158	47.8543 ng/ml
Temazepam	5.807	1117289	2459.29	29.6	267.76	1200390	49.5580 ng/ml
Tramadol	4.239	1978130	9735.73	3.7	264.76	1951432	49.1126 ng/ml
Trazodone	5.134	1252712	37378.75	63.4	2208.04	865784	52.8032 ng/ml
Venlafaxine	5.043	1872818	545.04	35.7	2098.57	2102740	47.1488 ng/ml
Zolpidem	4.898	1893903	5317.44	29.5	7384.53	1880107	50.3134 ng/ml

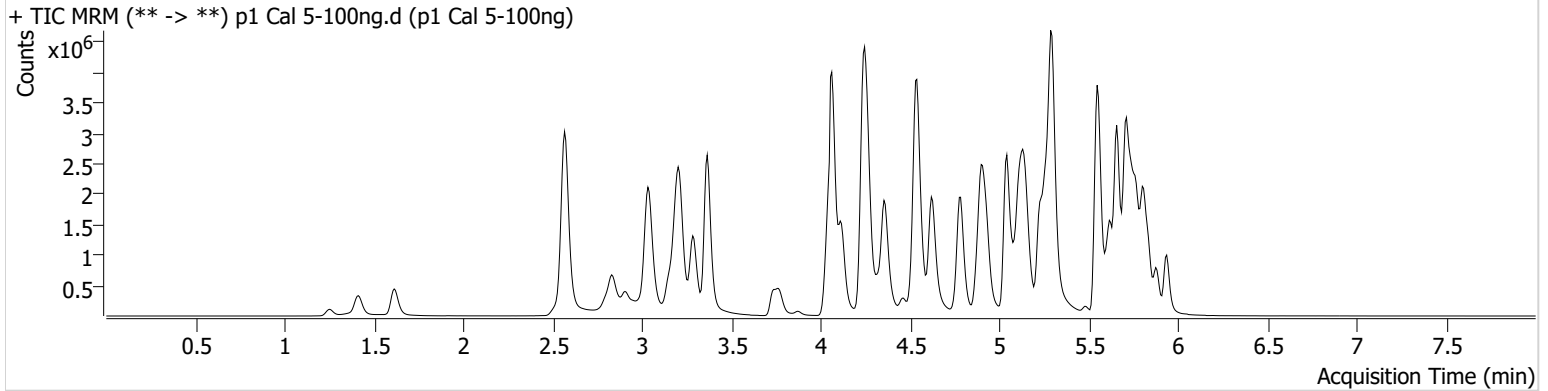


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) Data File p1 Cal 5-100ng.d
Type Cal Sample p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-E1 Comment
Injection Volume 2
Acq. Date-Time 5/27/2023 12:29:36 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	40514	121657.85	73.7	29248.85	91252	9.8969 ng/ml
7-aminoclonazepam	4.251	553575	20037.55	77.9	250.02	238712	101.2516 ng/ml
a-hydroxyalprazolam	5.682	241765	1169.67	68.1	267.31	965390	100.1529 ng/ml
alpha-PHP	4.928	694300	14923.67	266.5	128817.69	932346	105.1628 ng/ml
alpha-PVP	4.363	2559516	2443.70	51.1	22139.03	932346	97.9556 ng/ml
Alprazolam	5.766	1152637	1042.40	107.0	1287.30	232275	103.7109 ng/ml
Amphetamine	3.037	4203750	6480.55	46.8	8794.98	473542	90.1382 ng/ml
Benzoylcegonine	3.871	68684	114252.80	8.0	4055.09	23545	102.6344 ng/ml
Buprenorphine	5.796	52310	8243.88	14.9	10218.26	175122	10.1024 ng/ml
Bupropion	4.785	3005428	207110.84	65.0	1014.05	846471	102.9259 ng/ml
Carisoprodol	5.721	813974	850.87	57.5	254.14	357129	96.5343 ng/ml
Chlordiazepoxide	5.835	425396	7671.97	113.6	2936.61	674799	106.8592 ng/ml
Chlorpheniramine	5.118	3807708	10131.93	0.3	230.09	1660906	100.0948 ng/ml
Citalopram	5.225	2254784	75978.08	36.4	15398.36	798963	99.9618 ng/ml
Clonazepam	5.608	1161740	11574.47	34.9	741.67	149431	101.6191 ng/ml
Clonazolam	5.552	612692	830595.21	36.8	263960.26	149431	99.8919 ng/ml
Cocaine	4.264	1774970	908.48	53.1	17042.34	1395345	97.6932 ng/ml
Codeine	2.573	190040	11967.28	104.1	236317.53	79933	104.1945 ng/ml
Cyclobenzaprine	5.625	1528293	605.53	8.8	2019.14	596747	97.3815 ng/ml
Dextromethorphan	5.269	1182243	580.48	79.0	14522.12	480963	99.9761 ng/ml
Dextrorphan	4.118	754864	2049.37	212.4	2117.75	848499	98.1966 ng/ml
Diazepam	5.938	964086	20795.58	85.5	337.58	335732	103.5247 ng/ml
Dihydrocodeine	2.545	557746	29966.94	64.1	421.71	363856	102.6113 ng/ml
Diphenhydramine	5.297	6226187	114873.49	30.2	34705.02	2624760	102.4427 ng/ml
DMT	2.845	178930	6238.48	88.5	25344.35	480963	88.9667 ng/ml
Doxylamine	4.538	5418685	70992.55	97.2	2126.34	2118768	103.7377 ng/ml
Duloxetine	5.651	135250	981.92	13.7	3277.31	67138	102.4427 ng/ml
EDDP	5.262	1506139	63790.39	41.7	430.20	755041	97.6713 ng/ml
Etizolam	5.804	593252	4796.85	26.9	71277.15	149431	97.7176 ng/ml
Fentanyl	5.101	165607	13541.26	67.3	84.09	824514	10.8768 ng/ml
Flualprazolam	5.695	325752	3326.03	107.0	6879.58	232275	108.1245 ng/ml
Fluorofentanyl	5.156	495551	11566.74	42.9	5873.49	7727	9.3770 ng/ml
Fluoxetine	5.711	1324616	870.02	8.2	205506.76	456632	98.6287 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	775592	∞	35.8	346.77	451698	103.9140 ng/ml
Hydromorphone	1.615	710800	9496.50	75.2	27890.06	198985	101.7843 ng/ml
Hydroxyzine	5.701	1761336	38236.11	75.2	23929.48	480963	98.5883 ng/ml
Ketamine	4.043	1974067	190826.06	37.6	763.40	666765	102.5196 ng/ml
Lamotrigine	4.281	140192	1204.53	85.2	2304.52	2084167	108.6465 ng/ml
Lorazepam	5.737	687407	15687.56	54.6	2729.53	543475	101.0366 ng/ml
MDA	3.191	2617465	2560.58	24.4	3207.95	574039	101.3362 ng/ml
MDMA	3.285	1777165	12862.15	85.8	8086.91	197279	101.5523 ng/ml
Meprobamate	4.901	566639	2036.67	25.7	488.15	307609	92.3390 ng/ml
Methadone	5.656	3528521	110322.47	48.2	62450.54	1139674	97.4651 ng/ml
Methamphetamine	3.212	3284786	1520.27	39.2	676.31	1384141	106.1419 ng/ml
Metoprolol	4.320	442531	544957.75	105.7	3033.29	1739627	110.7373 ng/ml
Mirtazapine	4.620	3474989	16923.95	49.5	143978.25	932346	101.0282 ng/ml
Mitragynine	5.230	637947	571575.20	36.6	283.64	1139674	105.6950 ng/ml
Morphine	1.253	98154	1458.62	25.7	451.62	13919	105.3330 ng/ml
Norbuprenorphine	4.997	7509	7491.99	84.0	2866.81	27089	10.1500 ng/ml
Nordiazepam	5.884	768191	1147.52	60.4	938.12	216760	102.1360 ng/ml
Norfentanyl	4.078	391366	1909.39	37.9	628.04	1272702	10.0541 ng/ml
Norhydrocodone	3.067	88133	∞	40.5	∞	92853	99.3167 ng/ml
Noroxycodone	2.911	700111	585.11	49.6	1594.33	220525	91.8993 ng/ml
O-desmethyl-tramadol	3.366	4373318	84970.35	6.0	758.62	2324026	100.4381 ng/ml
o-desmethylvenlafaxine	4.063	5955545	101856.04	16.7	818.68	382662	94.5427 ng/ml
Olanzapine	4.461	455222	2837.04	57.6	1415.55	102212	92.7995 ng/ml
Oxazepam	5.747	945953	12531.42	73.1	312.47	543475	105.5746 ng/ml
Oxycodone	2.828	1476192	1228.40	30.9	2004.17	590575	104.7056 ng/ml
Oxymorphone	1.411	670981	∞	48.7	∞	194122	100.9880 ng/ml
Phentermine	3.774	957556	∞	4.8	231.54	1099563	102.1499 ng/ml
Promethazine	5.548	3393001	141047.32	30.0	29933.75	1341805	97.1208 ng/ml
Pseudoephedrine	2.576	5612916	10560.53	15.7	41846.80	2084167	96.7916 ng/ml
Quetiapine	5.551	2264820	51413.41	58.9	302.00	297763	106.0775 ng/ml
Sertraline	5.773	483691	9828.88	96.5	439.16	189863	99.0045 ng/ml
Temazepam	5.807	1859205	423.77	29.0	399.62	965390	102.2454 ng/ml
Tramadol	4.239	4012075	352.26	3.7	102.82	1739627	112.4759 ng/ml
Trazodone	5.134	2680340	51161.36	66.3	13609.64	927043	106.6020 ng/ml
Venlafaxine	5.042	3735260	64810.64	33.8	18319.26	1985344	98.8445 ng/ml
Zolpidem	4.898	3742229	5142.46	28.7	5085.69	1817586	103.2413 ng/ml

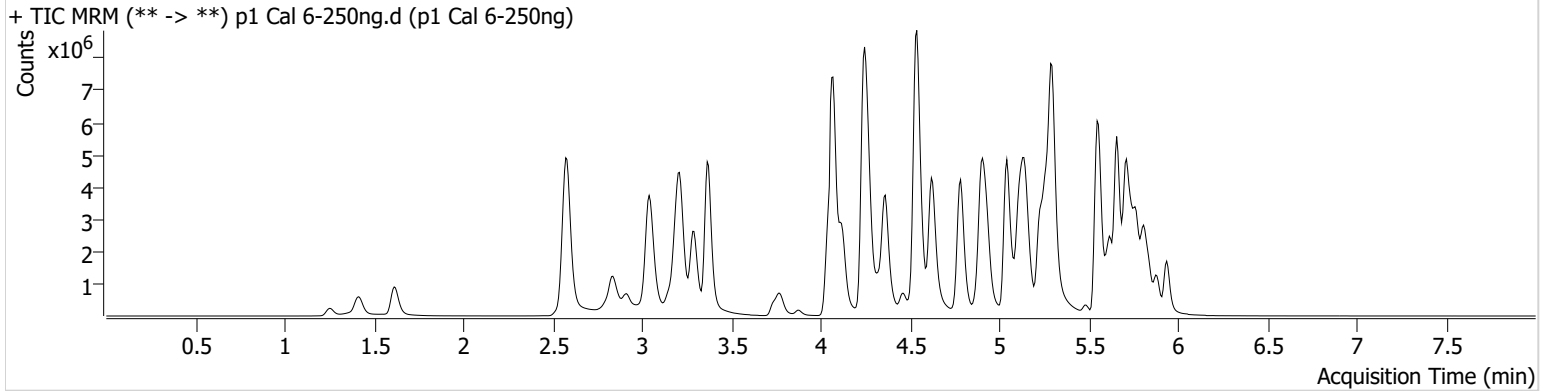


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 AM

Instrument Falco (069901) Data File p1 Cal 6-250ng.d
Type Cal Sample p1 Cal 6-250ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F1 Comment
Injection Volume 2
Acq. Date-Time 5/27/2023 12:40:14 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	97349	137444.67	69.6	28315.98	87591	24.7077 ng/ml
7-aminoclonazepam	4.258	895025	23590.68	77.8	7977.49	172729	226.9206 ng/ml
a-hydroxyalprazolam	5.682	345292	∞	71.2	519.19	579828	237.9313 ng/ml
alpha-PHP	4.935	1484060	3639.62	266.0	2028.02	832704	252.1447 ng/ml
alpha-PVP	4.363	5942556	1240.01	50.5	1129.97	832704	254.0946 ng/ml
Alprazolam	5.766	2253639	3996.66	104.5	1547.41	181983	258.3164 ng/ml
Amphetamine	3.043	7656277	83239.62	46.6	23532.50	435329	179.3627 ng/ml
Benzoylcegonine	3.877	177691	746.66	8.4	188.69	25339	247.2967 ng/ml
Buprenorphine	5.796	110568	111180.58	14.5	21239.29	152709	24.5880 ng/ml
Bupropion	4.785	7043752	65373.03	62.7	37978.02	793280	257.5807 ng/ml
Carisoprodol	5.721	1302391	656.75	57.3	21201.65	228037	240.7469 ng/ml
Chlordiazepoxide	5.841	733440	9693.48	120.8	5922.81	527895	236.5495 ng/ml
Chlorpheniramine	5.118	8432574	56634.92	0.3	418.64	1450745	253.5413 ng/ml
Citalopram	5.225	4488040	1451.76	36.9	36884.40	626663	253.2032 ng/ml
Clonazepam	5.601	2084430	30902.20	34.0	20525.98	112832	241.2546 ng/ml
Clonazolam	5.552	980719	1155572.44	38.9	524380.81	112832	214.6897 ng/ml
Cocaine	4.264	3793420	1099.58	52.5	26479.00	1176307	247.6318 ng/ml
Codeine	2.586	338178	216.00	101.4	10539.77	65514	227.4854 ng/ml
Cyclobenzaprine	5.625	2623273	47263.85	8.6	998.50	399518	249.2844 ng/ml
Dextromethorphan	5.269	2194870	63356.23	78.4	68299.95	353827	252.1062 ng/ml
Dextrorphan	4.118	1673244	1119.75	213.2	2059.85	732305	251.7134 ng/ml
Diazepam	5.938	1851830	46761.80	89.8	17768.15	266584	250.7844 ng/ml
Dihydrocodeine	2.552	1139061	14760.56	65.1	1957.08	353189	216.8905 ng/ml
Diphenhydramine	5.297	12647399	150562.54	29.7	92569.48	2099667	259.2938 ng/ml
DMT	2.852	359336	453.86	102.8	32528.91	353827	244.0366 ng/ml
Doxylamine	4.538	13146284	153075.80	96.4	7156.75	1959171	271.8778 ng/ml
Duloxetine	5.651	153722	856.18	13.8	622.89	29901	262.6409 ng/ml
EDDP	5.262	3565909	67454.76	41.5	9728.96	709589	245.6416 ng/ml
Etizolam	5.804	1198591	8132.86	27.0	11249.83	112832	262.3951 ng/ml
Fentanyl	5.094	301793	9112.30	69.1	236.16	644838	25.4498 ng/ml
Flualprazolam	5.695	543011	8055.74	112.6	1025061.04	181983	231.3960 ng/ml
Fluorofentanyl	5.156	923758	20271.80	43.2	91491.19	4818	27.9213 ng/ml
Fluoxetine	5.711	1480755	968.67	8.1	219.48	203473	246.6532 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1667035	320.12	37.1	383.84	412715	246.2607 ng/ml
Hydromorphone	1.615	1652818	12585494.55	76.2	6857170.68	189188	249.0500 ng/ml
Hydroxyzine	5.708	3330205	30617.21	75.9	36238.35	353827	251.6604 ng/ml
Ketamine	4.043	4268146	22743.13	36.9	11211.61	594823	249.6997 ng/ml
Lamotrigine	4.281	262837	1267.96	86.2	4101.86	1618637	262.5653 ng/ml
Lorazepam	5.737	848885	22041.56	53.3	4831.67	303769	224.0843 ng/ml
MDA	3.191	4245939	4514.24	23.5	5369.68	450615	210.4155 ng/ml
MDMA	3.292	3867986	64162.91	85.0	22337.09	171231	254.7186 ng/ml
Meprobamate	4.901	931596	685.78	25.0	28268.04	251741	186.1703 ng/ml
Methadone	5.656	7435953	138871.79	47.8	90414.79	913773	255.5897 ng/ml
Methamphetamine	3.219	7260584	2061.48	38.3	27295.04	1347603	242.7386 ng/ml
Metoprolol	4.327	890693	34375.76	106.1	4092.05	1618767	240.1883 ng/ml
Mirtazapine	4.620	7794458	171588.73	48.8	9501.71	832704	252.6895 ng/ml
Mitragynine	5.230	1206339	48634.57	37.2	218886.84	913773	249.9085 ng/ml
Morphine	1.253	233063	727.11	26.8	554.12	14225	245.4868 ng/ml
Norbuprenorphine	4.997	17087	26594.04	87.1	165.71	25226	25.4182 ng/ml
Nordiazepam	5.884	1448800	17230.11	59.4	454.91	165517	252.5037 ng/ml
Norfentanyl	4.085	755198	841.68	38.5	27837.98	881720	27.8677 ng/ml
Norhydrocodone	3.067	199533	∞	40.8	215.25	78104	265.3634 ng/ml
Noroxycodone	2.911	1308782	2481.14	50.3	11998.41	126787	298.0504 ng/ml
O-desmethyl-tramadol	3.372	10090965	579232.28	5.8	921.24	2070857	259.4748 ng/ml
o-desmethylvenlafaxine	4.078	13271694	166060.28	15.9	5298.07	308330	260.0971 ng/ml
Olanzapine	4.461	1131575	8126.80	56.0	1873.99	94044	249.3878 ng/ml
Oxazepam	5.740	1226060	9831.40	67.6	179.28	303769	245.1711 ng/ml
Oxycodone	2.828	3087208	1446.49	30.6	2045.88	537792	241.6886 ng/ml
Oxymorphone	1.411	1482955	∞	46.2	∞	168742	256.8835 ng/ml
Phentermine	3.774	1897319	427.14	4.7	3948.40	1017133	219.7172 ng/ml
Promethazine	5.548	6007279	175369.30	30.3	2710.06	912706	251.9801 ng/ml
Pseudoephedrine	2.583	11588547	6865.09	15.2	82416.24	1618637	256.0761 ng/ml
Quetiapine	5.551	4495688	206857.91	59.2	70785.55	266127	236.8578 ng/ml
Sertraline	5.780	497640	40329.84	95.3	352.50	76074	253.9634 ng/ml
Temazepam	5.807	2831619	19329.34	28.2	461.44	579828	258.8476 ng/ml
Tramadol	4.239	8461454	7585.28	3.7	395.02	1618767	255.6540 ng/ml
Trazodone	5.141	5085448	81700.44	69.2	121250.18	791574	238.2042 ng/ml
Venlafaxine	5.042	8512919	86263.49	33.6	1966.85	1760647	252.9618 ng/ml
Zolpidem	4.898	8409585	3907.61	28.0	3969.37	1692844	249.6500 ng/ml

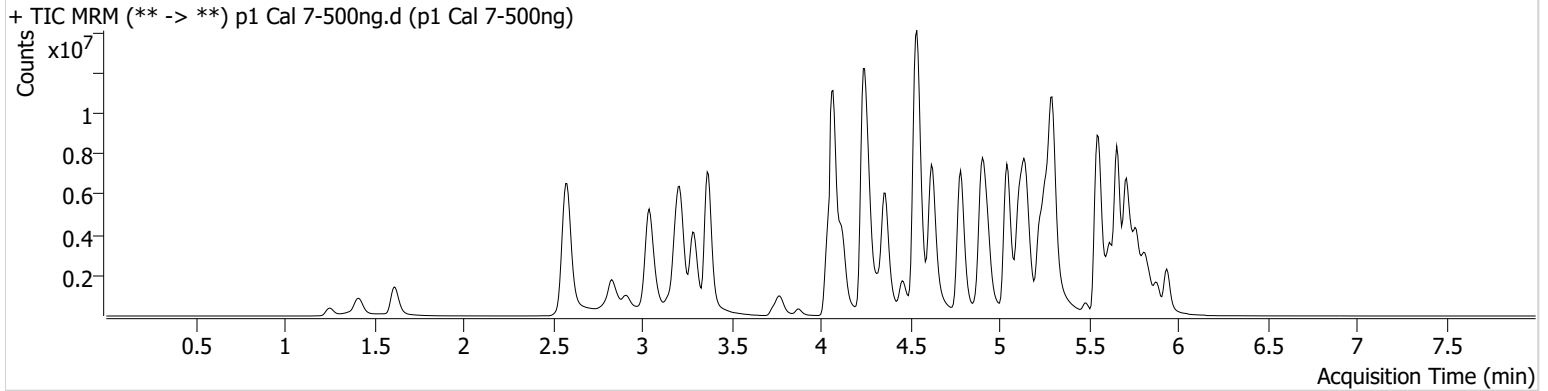


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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 5/27/2023 12:50:51 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	186509	5124.14	69.0	83179.77	83002	49.9084 ng/ml
7-aminoclonazepam	4.258	853766	4880.19	90.2	48.93	113928	328.4273 ng/ml
a-hydroxyalprazolam	5.682	371734	486.85	69.5	411.72	309765	479.3074 ng/ml
alpha-PHP	4.935	2494162	58505.73	271.8	12163.24	722526	488.6931 ng/ml
alpha-PVP	4.363	10528126	155082.68	50.2	128122.98	722526	518.4554 ng/ml
Alprazolam	5.766	3255745	∞	107.1	1071.08	133331	509.0301 ng/ml
Amphetamine	3.043	11143811	86319.75	46.3	51369.98	400385	284.3144 ng/ml
Benzoylecgonine	3.877	357881	10927.77	8.2	2244.47	25000	505.2436 ng/ml
Buprenorphine	5.796	181136	4170.27	14.3	1012.15	128070	48.0975 ng/ml
Bupropion	4.785	12564807	217301.41	63.1	89945.11	723419	503.9651 ng/ml
Carisoprodol	5.721	1489737	294.17	58.8	8056.58	119650	523.9299 ng/ml
Chlordiazepoxide	5.841	967346	9789.65	133.5	3541.10	387521	425.6905 ng/ml
Chlorpheniramine	5.118	15000446	27830.84	0.3	448.94	1277784	511.9064 ng/ml
Citalopram	5.225	6641429	96354.75	36.2	2192378.87	453961	516.9165 ng/ml
Clonazepam	5.601	2639101	46773.50	34.3	731.47	79082	435.6867 ng/ml
Clonazolam	5.552	1092514	451557.48	38.4	360089.16	79082	342.7740 ng/ml
Cocaine	4.264	6243878	97192.20	51.5	1150.30	927983	516.6430 ng/ml
Codeine	2.586	514842	3565.52	98.0	8655.72	53410	425.7359 ng/ml
Cyclobenzaprine	5.625	4342171	1082465.87	8.6	165.87	315187	522.7589 ng/ml
Dextromethorphan	5.269	3307900	49313.40	78.1	50384.34	264142	508.8262 ng/ml
Dextrorphan	4.118	2816704	2631.77	220.0	1037.36	608245	509.8348 ng/ml
Diazepam	5.938	2843184	198.12	88.8	11562.62	205241	500.3678 ng/ml
Dihydrocodeine	2.552	1876176	26923.65	65.1	11112.49	339057	372.7860 ng/ml
Diphenhydramine	5.297	19608318	253782.28	30.4	132174.68	1621386	520.0386 ng/ml
DMT	2.852	610625	9712.86	113.2 High	30933.92	264142	556.3618 ng/ml
Doxylamine	4.542	22999193	253464.88	96.6	629558.56	1816011	512.9760 ng/ml
Duloxetine	5.651	193546	615.60	12.5	248.30	19686	502.9871 ng/ml
EDDP	5.262	6643957	34105.67	40.7	111139.33	630372	514.8907 ng/ml
Etizolam	5.804	1833206	7336.80	26.7	334939.87	79082	573.2565 ng/ml
Fentanyl	5.094	524338	1799.46	67.7	11610.81	586203	48.7120 ng/ml
Flualprazolam	5.688	694805	6009.66	112.8	3829.45	133331	405.0133 ng/ml
Fluorofentanyl	5.156	1652059	105574.30	44.2	13462.89	4248	56.5758 ng/ml
Fluoxetine	5.711	1934982	9297.95	8.2	∞	126023	519.8273 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	2905591	∞	37.2	∞	384088	462.3874 ng/ml
Hydromorphone	1.615	2896397	6427133.82	75.9	7182336.03	163767	504.2617 ng/ml
Hydroxyzine	5.701	5573209	14360.61	75.4	40308.39	264142	562.7997 ng/ml
Ketamine	4.043	6807104	118705.98	35.4	2022.15	543889	436.1751 ng/ml
Lamotrigine	4.287	364394	10187.44	87.3	2867.26	1211431	486.5517 ng/ml
Lorazepam	5.737	836333	156561.22	54.1	2608.09	142770	470.5065 ng/ml
MDA	3.184	5678555	63417.64	23.2	11120.42	365954	347.1256 ng/ml
MDMA	3.292	6191116	9031.29	85.6	5082.85	142342	490.4900 ng/ml
Meprobamate	4.895	1103135	11900.34	25.2	320.17	215141	258.2085 ng/ml
Methadone	5.656	12557394	93886.60	47.4	3523.72	742615	530.7189 ng/ml
Methamphetamine	3.212	12166175	2351.63	37.2	1395.18	1307478	420.2368 ng/ml
Metoprolol	4.327	1363168	6874.89	105.4	132854.80	1417265	420.2885 ng/ml
Mirtazapine	4.620	14203841	205943.21	48.2	149313.72	722526	529.9408 ng/ml
Mitragynine	5.230	1888706	94205.90	38.3	14723.15	742615	481.8803 ng/ml
Morphine	1.253	412384	13142.43	27.8	783.51	12382	499.5924 ng/ml
Norbuprenorphine	4.997	31405	7636.02	87.6	3370.47	23995	49.5122 ng/ml
Nordiazepam	5.884	2010906	694.10	58.0	13266.05	114664	506.0656 ng/ml
Norfentanyl	4.085	1129901	26892.21	38.2	8572.18	557076	65.8886 ng/ml
Norhydrocodone	3.067	380149	911.43	41.0	108.91	66078	596.1294 ng/ml
Noroxycodone	2.911	1961539	17964.68	49.4	276.64	118304	478.5331 ng/ml
O-desmethyl-tramadol	3.366	17600175	297657.86	5.9	24144.96	1777935	526.7309 ng/ml
o-desmethylvenlafaxine	4.077	21472292	150353.08	15.8	36037.18	241290	536.8946 ng/ml
Olanzapine	4.455	3003232	33775.78	56.9	12227.43	116521	533.3138 ng/ml
Oxazepam	5.740	1162435	147.90	68.9	185.12	142770	494.8515 ng/ml
Oxycodone	2.828	4942906	6425.32	30.7	∞	496826	419.5646 ng/ml
Oxymorphone	1.411	2514288	∞	47.6	∞	142768	514.8462 ng/ml
Phentermine	3.774	2933383	∞	4.8	2248.20	984581	351.4059 ng/ml
Promethazine	5.541	10837669	217376.75	29.0	73259.59	771773	537.0328 ng/ml
Pseudoephedrine	2.583	17916102	2750.26	15.1	2515.23	1211431	528.1798 ng/ml
Quetiapine	5.558	6936127	41791.28	59.3	117264.48	229850	423.9229 ng/ml
Sertraline	5.773	694890	742.44	91.1	552.88	52782	510.9508 ng/ml
Temazepam	5.814	2962655	13096.67	29.2	1958.11	309765	506.6760 ng/ml
Tramadol	4.239	14554846	1071.25	3.5	115.35	1417265	502.8405 ng/ml
Trazodone	5.141	8142233	112127.98	71.4	49259.81	711594	425.1028 ng/ml
Venlafaxine	5.042	14991282	104700.56	32.2	4925.62	1473250	531.6200 ng/ml
Zolpidem	4.905	14444912	4011.66	27.3	10949.49	1587973	457.4596 ng/ml

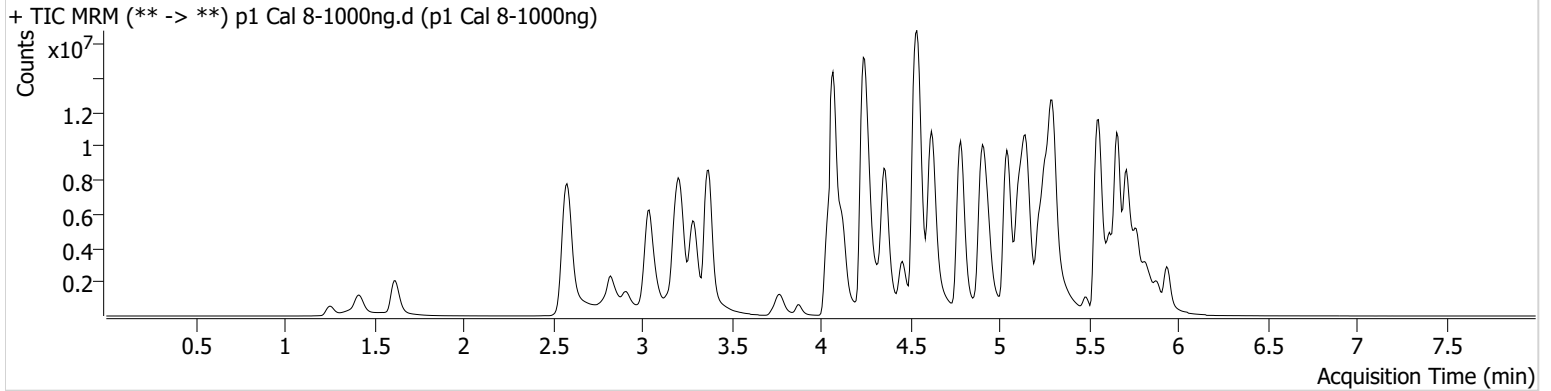
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2023\AM 27 28\052623 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/6/2023 11:57:33 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	5/27/2023 1:01:28 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	337956	4653.46	69.0	799.47	72126	104.0220 ng/ml
7-aminoclonazepam	4.258	751978	1604.94	75.0	1539.12	53502	616.4626 ng/ml
a-hydroxyalprazolam	5.682	354911	133.49	67.7	348.81	135787	1043.7441 ng/ml
alpha-PHP	4.935	3612659	5930.88	275.3	35909.35	559174	914.9177 ng/ml
alpha-PVP	4.363	16522373	8026.35	50.1	1325.56	559174	1050.9779 ng/ml
Alprazolam	5.766	4048406	412.64	104.8	271.44	89633	941.2564 ng/ml
Amphetamine	3.043	13799327	73459.16	46.2	37079.62	353424	399.1678 ng/ml
Benzoylcegonine	3.877	701523	3230.72	8.4	1611.59	24282	1020.0517 ng/ml
Buprenorphine	5.796	282752	152337.22	14.5	71165.57	97783	98.4086 ng/ml
Bupropion	4.788	19980265	513420.35	63.3	88905.08	622149	931.9432 ng/ml
Carisoprodol	5.721	1484132	15490.63	56.1	245.08	54423	1146.6291 ng/ml
Chlordiazepoxide	5.841	1118725	28895.85	146.8 High	37890.63	252541	756.1062 ng/ml
Chlorpheniramine	5.111	22835835	5032.76	0.3	259.83	991985	1003.6681 ng/ml
Citalopram	5.226	8346742	142771.84	35.8	37931.13	292992	1006.2664 ng/ml
Clonazepam	5.601	2784765	52710.37	34.5	1535.42	47069	772.2861 ng/ml
Clonazolam	5.565	1001056	722540.49	39.5	142387.38	47069	529.1015 ng/ml
Cocaine	4.264	8711743	578.17	51.5	474.96	633954	1055.1509 ng/ml
Codeine	2.586	695814	∞	96.8	∞	37080	829.8036 ng/ml
Cyclobenzaprine	5.625	6402884	22452.64	8.1	167.31	223596	1086.3462 ng/ml
Dextromethorphan	5.269	4167164	41400.15	77.6	27689.68	167667	1009.7043 ng/ml
Dextrorphan	4.118	4352211	29381.04	220.3	241951.71	438553	1092.2290 ng/ml
Diazepam	5.938	3966385	120.15	89.3	230.71	150242	953.7954 ng/ml
Dihydrocodeine	2.552	2757801	28043.06	65.4	7900.11	313642	592.8979 ng/ml
Diphenhydramine	5.304	25673821	100247.66	32.6	41347.94	1116708	988.1349 ng/ml
DMT	2.845	937217	27451.31	124.7 High	99307.27	167667	1346.2421 ng/ml
Doxylamine	4.538	32803597	574328.56	97.4	516416.65	1542038	861.5201 ng/ml
Duloxetine	5.644	204701	1707.09	14.5	2719.93	11253	931.2928 ng/ml
EDDP	5.262	11809948	250081.14	39.5	58680.65	539515	1069.0796 ng/ml
Etizolam	5.804	2442285	1744.97	27.3	56846.99	47069	1283.8248 ng/ml
Fentanyl	5.094	764984	11631.90	68.6	1167.63	495858	84.0746 ng/ml
Flualprazolam	5.688	697007	5920.98	114.5	22228.76	89633	604.9614 ng/ml
Fluorofentanyl	5.162	2831018	91977.57	44.8	121424.20	2771	148.5051 ng/ml
Fluoxetine	5.718	2525804	25112.38	7.9	500.58	78773	1084.9989 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	4658543	∞	37.9	762.32	334324	852.8253 ng/ml
Hydromorphone	1.622	4618561	26299388.38	76.7	26952734.48	133623	985.5578 ng/ml
Hydroxyzine	5.708	7924001	234953.33	76.3	11361.70	167667	1259.2595 ng/ml
Ketamine	4.036	9290233	148869.73	35.9	53047.67	430949	751.9186 ng/ml
Lamotrigine	4.287	405196	2296.75	88.0	16613.85	806302	813.0114 ng/ml
Lorazepam	5.737	834422	17103.02	54.2	288.07	67723	990.4066 ng/ml
MDA	3.178	6948297	6974.36	22.0	24884.21	250738	620.6593 ng/ml
MDMA	3.285	9122343	175469.68	85.6	197862.04	106490	966.0729 ng/ml
Meprobamate	4.895	1075136	272.55	25.9	5447.14	152017	356.4034 ng/ml
Methadone	5.663	17937891	2490.21	49.7	135073.94	551727	1020.0806 ng/ml
Methamphetamine	3.212	17386175	47765.18	36.4	3181.22	1238586	634.6525 ng/ml
Metoprolol	4.320	1811687	107289.36	105.4	66419.90	1152578	687.2122 ng/ml
Mirtazapine	4.620	22006341	97984.66	49.7	75160.10	559174	1060.2172 ng/ml
Mitragynine	5.230	2709354	85803.33	38.1	206208.80	551727	930.8541 ng/ml
Morphine	1.253	642636	1067.45	26.3	∞	10493	919.1727 ng/ml
Norbuprenorphine	4.997	56049	74294.71	86.3	19089.54	21292	100.0125 ng/ml
Nordiazepam	5.884	2393244	∞	60.2	16044.41	73375	941.3415 ng/ml
Norfentanyl	4.085	1384872	42992.49	38.1	8588.13	262565	171.2173 ng/ml
Norhydrocodone	3.067	652364	108.81	41.9	164.38	45562	1481.9254 ng/ml
Noroxycodone	2.911	2642448	8750.84	49.1	2881.81	77404	984.9138 ng/ml
O-desmethyl-tramadol	3.372	25533248	∞	6.3	∞	1384727	980.8071 ng/ml
o-desmethylvenlafaxine	4.076	29695784	233427.31	16.0	25633.33	161984	1105.2192 ng/ml
Olanzapine	4.455	5739736	12332.42	57.3	75790.08	106329	1116.1148 ng/ml
Oxazepam	5.740	1030812	13204.50	72.4	120.37	67723	925.3260 ng/ml
Oxycodone	2.815	7312864	∞	30.4	561.69	429457	718.7772 ng/ml
Oxymorphone	1.411	3964867	∞	47.2	150.26	123482	938.7449 ng/ml
Phentermine	3.774	4285582	∞	4.7	1089.15	859411	588.7057 ng/ml
Promethazine	5.541	16951230	∞	29.1	38934.53	609567	1062.9943 ng/ml
Pseudoephedrine	2.583	24966180	151306.77	14.8	47865.84	806302	1105.0218 ng/ml
Quetiapine	5.558	9440564	313450.94	57.3	28225.37	187028	709.7893 ng/ml
Sertraline	5.780	898450	322752.11	92.0	11114.55	34699	1004.7433 ng/ml
Temazepam	5.814	2464014	26899.03	31.3	679.58	135787	961.0666 ng/ml
Tramadol	4.239	18969291	186.09	3.5	381.44	1152578	806.1992 ng/ml
Trazodone	5.141	11829242	1494.78	71.8	959.00	587758	748.5501 ng/ml
Venlafaxine	5.043	21947309	280924.18	33.8	87144.83	1096629	1044.9338 ng/ml
Zolpidem	4.898	20651343	228638.42	28.5	110134.98	1402285	740.8564 ng/ml