

REVIEWED

By Tamara Salazar at 1:49 pm, Jan 28, 2022

1/27/2022

cg

Worklist: 5548

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2021-4509	5	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-4837	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-5427	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-5672	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2021-5672	4	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-4029	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-4077	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2021-4092	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0015	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0053	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0055	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0058	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0087	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-0088	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 01/25/2022

Analyst: Celena Shrum

Plate lot#: 211018

Plate Retest Date: 04/18/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20725

Blank Urine Lot: POC031319

Column: Agilent 120 EC-C18 (2.1x 100-2.7um)

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.
- 3. Create worklist

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. 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)
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 15. Remove plate containing eluate. **Urine samples add 50 ul 1% HCl in MeOH**. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

- 1. Create batch and process data.
- 2. Make necessary changes to integration limits
- 3. Integration linear and R^2 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.

Curve limits: 7-aminoclonazepam 5-250, alpha-hydroxyalprazolam 5-100, Amphetamine 5-250, Clonazepam 5-500, Clonazolam 5-250, Dihydrocodeine 5-500, Etizolam 5-500, Flualprazolam 5-500, Lamotrigine 5-250, Lorazepam 5-50, MDA 5-500, Meprobamate 5-250, Methamphetamine 5-500, Metoprolol 5-500, Norfentanyl 0.5-50, Phentermine 5-500, Quetiapine 5-500, Zolpidem 5-500.

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	P2022-0058-1	M2021-5672-4	IS + Cal. 1	IS + QC_1		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	P2022-0087-1	P2021-4029-1	IS + Cal. 2	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	P2022-0088-1	P2021-4077-1	IS + Cal. 3	IS + QC_3		IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	Urine NEG	P2021-4092-2	IS + Cal. 4	IS + QC_4		IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	M2021-4509-5	P2022-0015-2	IS + Cal. 5	IS + QC_2		IS + Sample	IS + Sample	IS + Sample	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Blood NEG	M2021-4837-2		IS + Cal. 6			IS + Sample	IS + Sample	IS + Sample	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	P2022-0053-1	M2021-5427-3		IS + Cal. 7			IS + Sample	IS + Sample	IS + Sample	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	P2022-0055-1	M2021-5672-3		IS + Cal. 8			IS + Sample	IS + Sample	IS + Sample	IS + QC_1	IS + Cal. 1

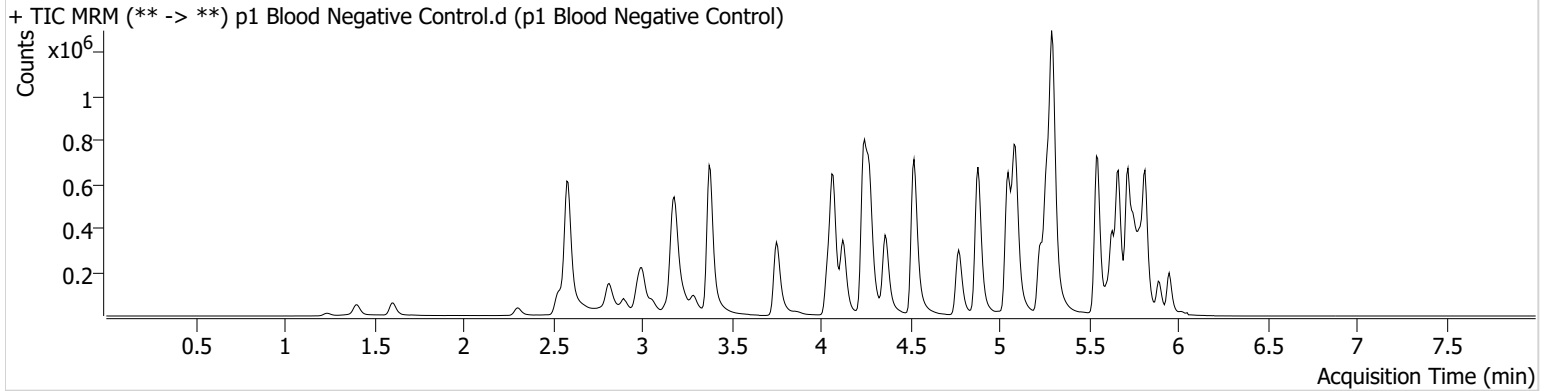
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Blood Negative Control.d
Type	Sample	Sample	p1 Blood Negative Control
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 11:13:58 AM		
Sample Info.			

Sample Chromatogram



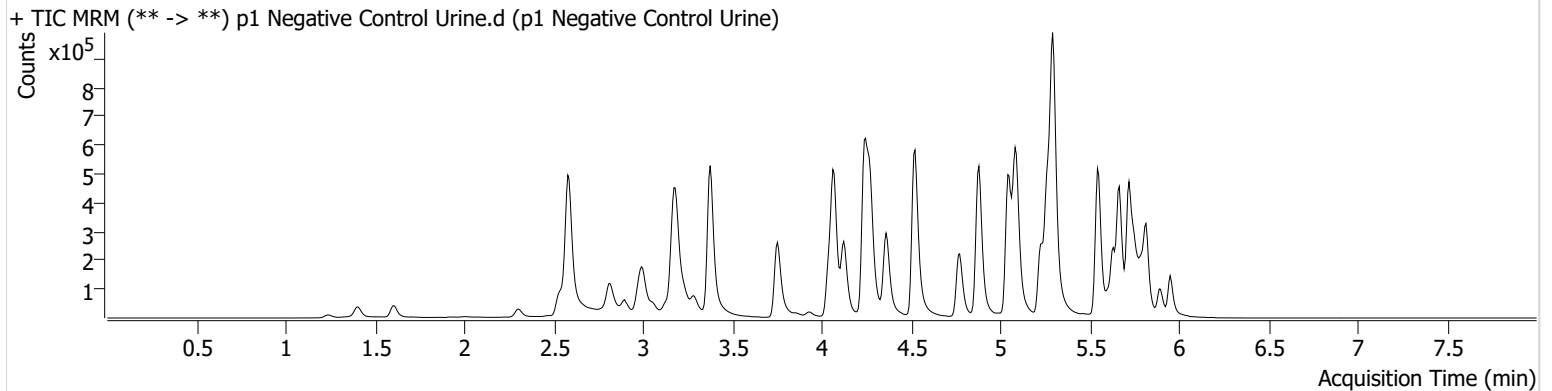
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Negative Control Urine.d
Type	Sample	Sample	p1 Negative Control Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D3	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 1:21:29 PM		
Sample Info.			

Sample Chromatogram



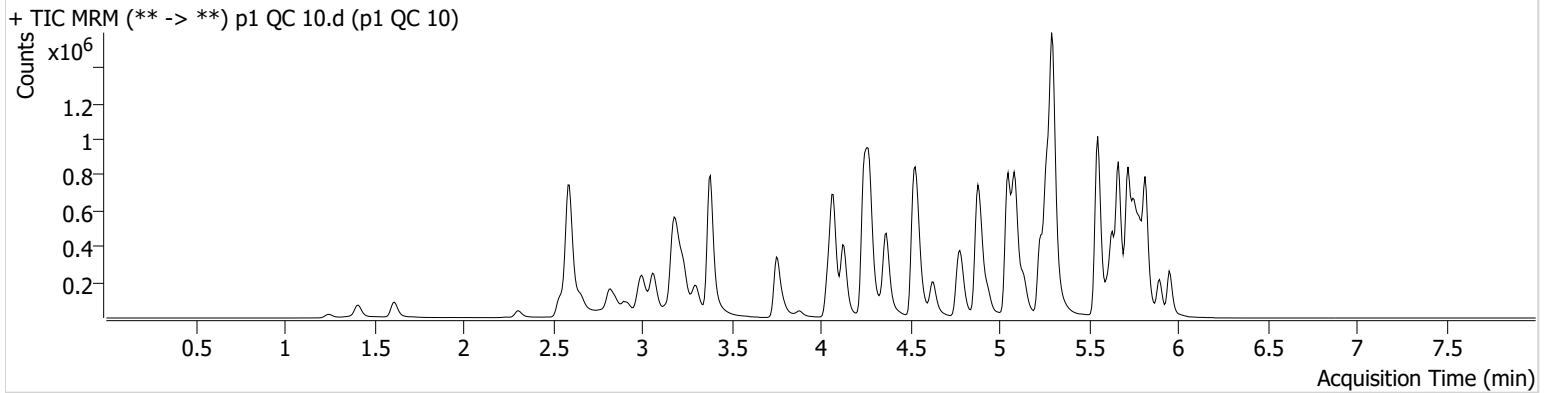
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 9:59:39 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	3289	342.22	74.0	132.55	87401	1.0118 ng/ml
7-aminoclonazepam	4.265	64877	221.24	78.1	3975.79	236675	10.3794 ng/ml
a-hydroxyalprazolam	5.699	32280	311.21	68.8	357.24	374178	10.3996 ng/ml
alpha-PHP	4.937	59891	951.80	262.1	1992.41	918618	10.3126 ng/ml
alpha-PVP	4.376	205303	2337.46	52.1	239.22	918618	9.6844 ng/ml
Alprazolam	5.775	98942	∞	111.8	1044.91	374178	9.4973 ng/ml
Amphetamine	3.069	359337	9594.38	51.8	273.33	475820	10.1101 ng/ml
Benzoylecgonine	3.886	5044	160.27	8.9	27.94	16976	10.3120 ng/ml
Buprenorphine	5.806	5308	1109.38	15.7	1467.24	196987	0.9781 ng/ml
Bupropion	4.795	227983	2378.70	64.1	187.14	809845	10.1160 ng/ml
Carisoprodol	5.730	115481	39814.80	53.5	392.52	508239	10.6510 ng/ml
Citalopram	5.232	166269	268.24	39.7	1407.65	776516	9.6658 ng/ml
Clonazepam	5.612	119049	1672.63	35.6	4721.27	155679	10.2200 ng/ml
Clonazepam	5.555	78523	4694.16	35.2	2765.99	155679	10.7284 ng/ml
Cocaine	4.271	139522	393.64	55.1	6851.50	1233225	9.9413 ng/ml
Codeine	2.593	18848	5167.14	107.9	75.82	93385	10.3390 ng/ml
Cyclobenzaprine	5.635	171304	284.09	7.7	71.51	703619	9.7623 ng/ml
Dextromethorphan	5.275	112525	2147.99	78.9	1585.24	548574	9.9945 ng/ml
Dextrophan	4.132	58822	1170.73	215.4	503.48	714736	9.8913 ng/ml
Diazepam	5.960	77493	191.38	92.9	547.27	382014	9.9737 ng/ml
Dihydrocodeine	2.572	48454	1217.76	58.8	1973.22	286943	10.9201 ng/ml
Diphenhydramine	5.303	468262	433.52	32.3	6187.24	2720417	10.0032 ng/ml
Doxylamine	4.543	439106	4131.82	99.9	2969.50	1926720	9.9898 ng/ml
EDDP	5.268	196475	309.33	42.3	1378.38	1105484	10.0323 ng/ml
Etizolam	5.820	44072	1188.86	27.1	2303.01	155679	9.5805 ng/ml
Fentanyl	5.103	16207	85.31	75.8	128.56	938886	1.0422 ng/ml
Flualprazolam	5.705	43508	1042.55	94.0	805.65	374178	9.9857 ng/ml
Fluoxetine	5.721	194721	591.64	8.7	1013.37	724292	9.9913 ng/ml
Hydrocodone	3.032	68324	196.98	33.2	211.60	380042	10.3424 ng/ml
Hydromorphone	1.621	58906	194081.12	70.7	1442.35	181424	10.6653 ng/ml
Ketamine	4.059	142316	791.81	37.4	455.33	640686	10.3204 ng/ml
Lamotrigine	4.287	13864	461.46	81.8	778.07	640686	10.9871 ng/ml
Levetiracetam	2.656	61732	519.00	139.8	298.38	1865451	10.5764 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	104487	2186.00	50.0	73.16	155679	11.2711 ng/ml
MDA	3.209	231231	1263.22	28.3	248.71	708991	10.1786 ng/ml
MDMA	3.303	136371	1509.24	93.0	1456.30	166212	9.7522 ng/ml
Meprobamate	4.904	67073	15394.86	24.0	281.50	321237	10.6275 ng/ml
Methadone	5.666	285807	3977.29	53.5	3612.78	1254610	9.8512 ng/ml
Methamphetamine	3.238	350922	406.20	39.7	656.98	1191741	11.0472 ng/ml
Metoprolol	4.340	38415	1765.45	97.3	2359.54	1737403	10.0867 ng/ml
Mirtazapine	4.631	324812	3187.92	45.6	5482.57	918618	10.1948 ng/ml
Mitragynine	5.237	66087	643.93	36.4	33609.42	1254610	10.3613 ng/ml
Morphine	1.253	9125	2752.14	20.4	758.74	17078	10.5219 ng/ml
Norbuprenorphine	5.006	662	735.28	80.5	1431.69	22839	1.0608 ng/ml
Nordiazepam	5.906	81706	1456.95	59.5	759.18	273922	10.1493 ng/ml
Norfentanyl	4.093	32106	266.33	35.5	123.82	1446904	0.9676 ng/ml
Norhydrocodone	3.080	8432	75.72	44.6	46.68	88028	9.0529 ng/ml
Noroxycodone	2.930	64788	1123.33	47.3	534.79	201750	10.4114 ng/ml
O-desmethyl-tramadol	3.383	297392	822.78	5.7	1295.77	1815774	9.6502 ng/ml
Oxazepam	5.756	133903	250.55	74.6	385.20	527021	10.6992 ng/ml
Oxycodone	2.848	131543	492.15	30.1	633.40	523550	10.0908 ng/ml
Oxymorphone	1.411	52284	695.67	44.6	1072.26	164198	10.2227 ng/ml
Phentermine	3.790	86160	173.01	5.5	105.10	980987	10.6339 ng/ml
Promethazine	5.552	325059	1574.47	29.6	1985.22	1432476	9.9732 ng/ml
Pseudoephedrine	2.603	369935	5923.71	17.4	3797.13	1865451	9.7880 ng/ml
Quetiapine	5.555	203948	12698.13	59.0	427.98	312377	10.4503 ng/ml
Sertraline	5.796	72042	1510.58	94.7	434.04	317139	10.2148 ng/ml
Temazepam	5.823	222948	2980.17	27.9	793.40	1112678	10.5596 ng/ml
Tramadol	4.259	335718	9806.67	3.3	127.21	1737403	9.9711 ng/ml
Trazodone	5.135	226850	6565.32	78.5	1738.10	909609	9.9725 ng/ml
Venlafaxine	5.050	281496	341.80	34.6	177.99	1631015	9.9409 ng/ml
Zolpidem	4.901	331560	3061.74	30.1	2020.59	1437026	10.2062 ng/ml

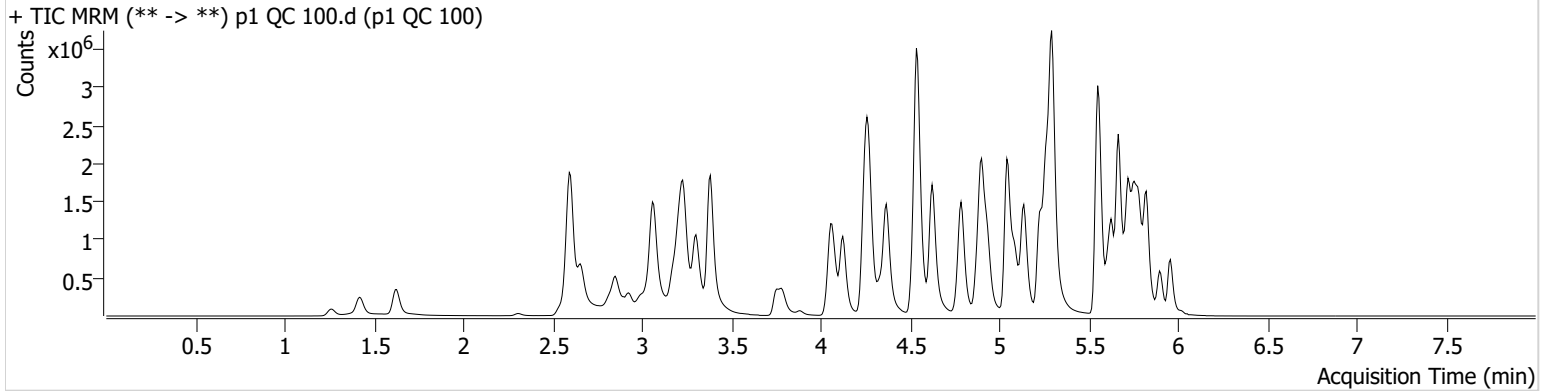
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Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 3:55:08 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	32551	646.75	70.8	728.28	86869	9.8705 ng/ml
7-aminoclonazepam	4.258	481164	15560.17	78.7	1959.32	185557	103.5429 ng/ml
a-hydroxyalprazolam	5.699	224045	1996.35	67.2	712.65	315118	86.7185 ng/ml
alpha-PHP	4.937	531784	5436.82	260.6	13892.77	852888	100.6995 ng/ml
alpha-PVP	4.370	1923173	1290.94	51.5	13522.38	852888	95.7088 ng/ml
Alprazolam	5.775	879676	560.69	109.8	1557.38	315118	100.4625 ng/ml
Amphetamine	3.063	3166246	877.36	48.4	9532.14	450130	101.3905 ng/ml
Benzoylecgonine	3.886	49109	146.97	7.8	409.42	17728	96.3611 ng/ml
Buprenorphine	5.812	45180	1639.50	14.6	9469.61	180020	9.5780 ng/ml
Bupropion	4.788	2166454	228390.31	63.1	730.70	772771	102.7075 ng/ml
Carisoprodol	5.730	838248	1829464.28	53.4	966.60	376797	90.9719 ng/ml
Citalopram	5.226	1464593	1497.20	38.9	16582.15	658801	98.6730 ng/ml
Clonazepam	5.612	941921	2353.88	35.0	14544.20	128024	106.1804 ng/ml
Clonazolam	5.555	549129	499977.91	37.2	306136.99	128024	103.4969 ng/ml
Cocaine	4.271	1260343	167063.45	54.3	1317.62	1128525	98.9176 ng/ml
Codeine	2.593	168212	6249.76	101.5	3351.53	87541	108.3746 ng/ml
Cyclobenzaprine	5.635	1267925	1718.37	7.6	464.45	520597	92.3247 ng/ml
Dextromethorphan	5.275	888478	409.55	78.6	16101.15	435309	98.5833 ng/ml
Dextrophan	4.125	560925	37172.59	213.5	34688.45	671196	97.9915 ng/ml
Diazepam	5.960	644949	696.41	91.2	1949.73	319064	101.8537 ng/ml
Dihydrocodeine	2.572	436962	11618.10	60.9	14311.35	286381	103.5880 ng/ml
Diphenhydramine	5.296	4163377	1585.77	31.2	694.14	2375875	98.2454 ng/ml
Doxylamine	4.536	4282674	5331.88	99.6	6174.76	1868663	104.3223 ng/ml
EDDP	5.261	1626768	48454.51	41.4	567.18	934496	96.2637 ng/ml
Etizolam	5.820	390581	7183.12	26.7	289221.96	128024	96.3602 ng/ml
Fentanyl	5.103	137121	12657.17	74.3	377.64	801639	10.2389 ng/ml
Flualprazolam	5.705	349718	23577.92	104.6	17262.07	315118	99.6565 ng/ml
Fluoxetine	5.721	958280	53456.33	8.7	794874.00	359965	94.5355 ng/ml
Hydrocodone	3.032	633521	1135.38	33.5	471.36	377420	102.7770 ng/ml
Hydromorphone	1.628	578051	2207912.41	74.4	1465317.06	187948	100.6759 ng/ml
Ketamine	4.059	1322719	2011.05	38.4	738.05	625877	103.8941 ng/ml
Lamotrigine	4.287	114523	1773.56	84.7	1185.51	625877	98.7226 ng/ml
Levetiracetam	2.656	540537	2412.15	141.7	695.29	1699528	102.4027 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	563006	6956.06	50.5	2054.31	128024	79.3896 ng/ml*
MDA	3.209	1822237	20018.99	27.6	493.23	596297	104.5665 ng/ml
MDMA	3.303	1318557	1019464.10	89.5	3341.25	154974	101.9865 ng/ml
Meprobamate	4.904	456842	17634.74	24.8	4020.75	260970	98.6355 ng/ml
Methadone	5.666	2509887	6431.38	52.0	71679.08	1050782	93.7472 ng/ml
Methamphetamine	3.238	2783219	16694.00	38.7	23318.35	1194447	102.6427 ng/ml
Metoprolol	4.333	357963	191417.90	94.6	15103.81	1658142	104.1041 ng/ml
Mirtazapine	4.624	2979939	77301.99	45.9	24469.97	852888	99.1128 ng/ml
Mitragynine	5.230	537646	113286.91	35.4	27129.03	1050782	104.0861 ng/ml
Morphine	1.267	87854	464.15	20.1	∞	16268	105.6770 ng/ml
Norbuprenorphine	4.999	5018	3235.10	97.0	9980.17	20736	10.3328 ng/ml
Nordiazepam	5.900	603702	30188.59	59.2	1709.90	204984	104.9530 ng/ml
Norfentanyl	4.093	300113	416.72	35.7	810.88	1333156	9.2626 ng/ml
Norhydrocodone	3.080	80416	231.31	39.5	339.56	69021	93.0954 ng/ml
Noroxycodone	2.923	527617	1150.63	48.1	6719.90	175309	100.7696 ng/ml
O-desmethyl-tramadol	3.383	2960500	42198.10	5.7	4844.30	1781433	97.0659 ng/ml
Oxazepam	5.756	851775	6536.31	74.0	2954.51	356128	104.6433 ng/ml
Oxycodone	2.848	1263515	1384.64	29.7	1247.69	513745	101.0842 ng/ml
Oxymorphone	1.418	469198	∞	45.7	1467.69	153555	99.4111 ng/ml
Phentermine	3.790	748669	∞	5.1	756.00	926769	106.1269 ng/ml
Promethazine	5.552	2456629	1472.92	29.9	19507.57	1077409	96.7239 ng/ml
Pseudoephedrine	2.603	3443354	33365.30	16.7	65620.92	1699528	94.6530 ng/ml
Quetiapine	5.555	1668751	51839.08	60.4	603.24	278589	107.0022 ng/ml
Sertraline	5.789	296286	2599.06	92.2	8002.21	131939	95.3433 ng/ml
Temazepam	5.823	1600089	625.92	27.0	197.38	807546	92.2087 ng/ml
Tramadol	4.252	3083012	1160.44	3.3	2554.77	1658142	102.8016 ng/ml
Trazodone	5.135	2035740	1109.79	77.5	2534.53	821175	101.8349 ng/ml
Venlafaxine	5.043	2765847	97873.27	33.8	698.13	1550445	99.4587 ng/ml
Zolpidem	4.901	3096544	245187.62	29.4	3527.75	1388682	101.0576 ng/ml

*Outside curve range.

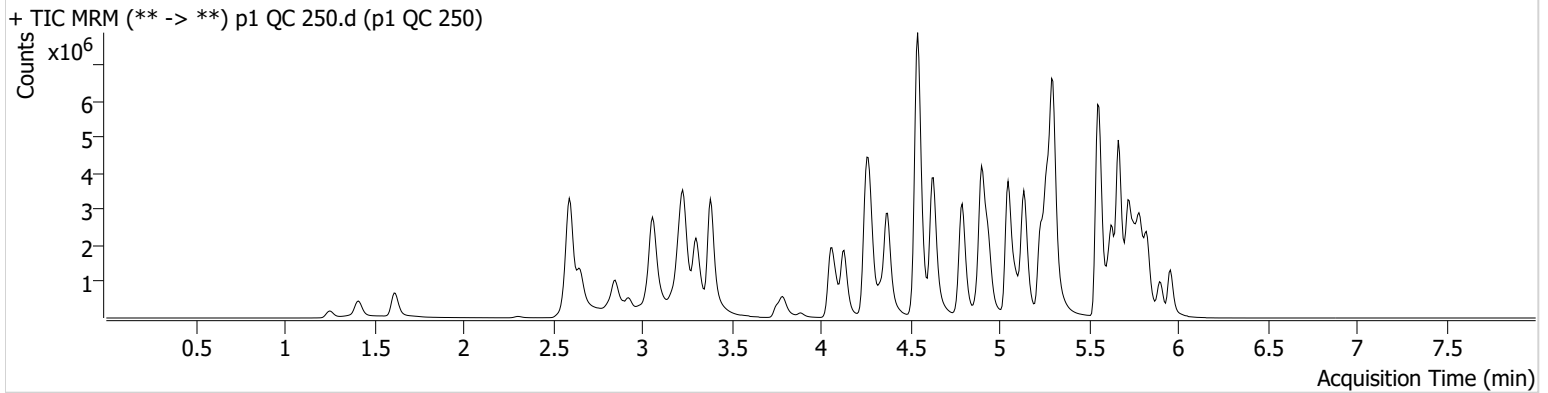
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Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 10:20:54 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	75750	571.30	69.6	1114.90	79898	24.9394 ng/ml
7-aminoclonazepam	4.265	877115	17067.40	77.3	439.92	156118	225.0805 ng/ml
a-hydroxyalprazolam	5.699	342381	924.36	68.9	340.18	246053	169.8530 ng/ml*
alpha-PHP	4.937	1226384	8655.99	261.1	122481.61	784305	252.9022 ng/ml
alpha-PVP	4.376	4558176	∞	51.7	49780.80	784305	246.3311 ng/ml
Alprazolam	5.775	1724562	1048.26	107.4	2159.53	246053	252.2664 ng/ml
Amphetamine	3.063	6310464	417.15	47.9	442.43	415803	219.7639 ng/ml
Benzoylcegonine	3.886	119762	10689.08	8.1	28989.17	16326	255.2233 ng/ml
Buprenorphine	5.806	102452	3228.11	14.2	17990.20	158111	24.8177 ng/ml
Bupropion	4.795	5107354	3253895.23	63.2	75499.90	727197	257.6348 ng/ml
Carisoprodol	5.730	1330927	40760.95	53.6	11977.47	231354	232.8426 ng/ml
Citalopram	5.232	3137271	55198.80	38.7	94974.55	563986	246.6295 ng/ml
Clonazepam	5.612	1688756	33678.32	35.1	10012.20	100535	243.5897 ng/ml
Clonazepam	5.562	855519	16002.43	37.5	476465.04	100535	206.9401 ng/ml
Cocaine	4.271	2687638	113955.54	55.6	56651.07	966633	246.3978 ng/ml
Codeine	2.593	322144	9944.72	102.9	8261.24	75576	241.8304 ng/ml
Cyclobenzaprine	5.635	3368524	47592.76	7.2	13452.42	507120	250.7762 ng/ml
Dextromethorphan	5.275	1934414	78302.40	78.4	∞	376375	248.0993 ng/ml
Dextrophan	4.132	1282627	2453.82	214.7	4572.50	598842	250.7253 ng/ml
Diazepam	5.960	1382118	16879.35	91.6	775.53	277105	251.7258 ng/ml
Dihydrocodeine	2.565	975815	266.45	61.1	336.35	272614	243.8369 ng/ml
Diphenhydramine	5.303	9431459	225228.24	30.9	61352.87	2029418	259.9077 ng/ml
Doxylamine	4.543	10656477	486639.80	96.4	26935.74	1746140	278.5066 ng/ml
EDDP	5.268	3618857	75648.17	41.6	44174.68	810237	246.6307 ng/ml
Etizolam	5.820	805219	945.74	26.1	5797.86	100535	251.8284 ng/ml
Fentanyl	5.103	367096	67720.47	73.9	1228.32	845009	25.9890 ng/ml
Flualprazolam	5.705	668199	1874.15	105.2	4227.78	246053	244.5954 ng/ml
Fluoxetine	5.727	2858768	84726.32	8.8	17868.14	400352	252.7397 ng/ml
Hydrocodone	3.032	1324101	254.58	35.7	353.82	344272	236.4558 ng/ml
Hydromorphone	1.621	1316467	6009588.84	74.8	3836385.31	170313	252.9608 ng/ml
Ketamine	4.059	3111467	52282.28	37.6	9471.62	586804	261.6767 ng/ml
Lamotrigine	4.294	236373	21710.64	85.0	23141.90	586804	218.2661 ng/ml
Levetiracetam	2.656	1114836	4096.47	143.7	24898.03	1444647	248.5885 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	702183	11034.94	50.6	959.03	100535	126.6750 ng/ml *
MDA	3.209	3427920	17784.76	27.4	1122.00	481207	245.2144 ng/ml
MDMA	3.303	2918587	2149.52	92.0	6539.29	139485	250.9448 ng/ml
Meprobamate	4.911	794069	1865.45	24.5	9426.37	220069	204.6791 ng/ml
Methadone	5.666	6223704	1652.08	49.3	97430.89	980337	247.4984 ng/ml
Methamphetamine	3.238	6336343	102323.02	38.0	604.44	1145783	246.6282 ng/ml
Metoprolol	4.340	744964	3055.36	97.0	46045.63	1463587	246.3233 ng/ml
Mirtazapine	4.631	7113264	41152.34	44.5	97904.51	784305	256.9829 ng/ml
Mitragynine	5.237	1195802	17108.93	35.9	360281.48	980337	248.6840 ng/ml
Morphine	1.253	202879	507.60	20.1	247.07	15388	257.8868 ng/ml
Norbuprenorphine	5.006	11997	5906.09	93.2	302.99	20582	25.1715 ng/ml
Nordiazepam	5.906	1197773	51082.25	58.7	4310.72	167974	254.8718 ng/ml
Norfentanyl	4.093	703129	26042.91	36.4	3432.42	1162613	24.7822 ng/ml
Norhydrocodone	3.080	185787	∞	41.0	109.21	58737	250.1243 ng/ml
Noroxycodone	2.923	1055639	853.42	48.6	302.57	140203	252.6735 ng/ml
O-desmethyl-tramadol	3.383	6906503	288187.46	5.6	734.27	1615036	249.6274 ng/ml
Oxazepam	5.756	1139033	19081.09	72.7	3566.49	194762	256.5479 ng/ml
Oxycodone	2.848	2875523	1064.41	29.4	1949.41	473912	249.7697 ng/ml
Oxymorphone	1.411	1053534	933.86	47.9	∞	146031	234.9262 ng/ml
Phentermine	3.790	1556779	3954.35	5.3	253.49	895878	229.4574 ng/ml
Promethazine	5.552	6517498	63678.01	29.0	1038.29	1077336	255.9908 ng/ml
Pseudoephedrine	2.596	7813511	75730.24	16.4	81581.60	1444647	251.7080 ng/ml
Quetiapine	5.562	3459731	712.77	60.7	878.65	256625	242.5309 ng/ml
Sertraline	5.796	1126424	20042.14	91.5	43805.02	190936	249.4445 ng/ml
Temazepam	5.830	2705575	18036.35	26.7	43.59	541904	230.2564 ng/ml
Tramadol	4.252	6968471	5432355.61	3.1	424.99	1463587	264.4892 ng/ml
Trazodone	5.135	5103031	288833.72	78.3	1335.17	826338	254.1279 ng/ml
Venlafaxine	5.050	6410431	252189.04	33.0	2478.15	1377112	258.9635 ng/ml
Zolpidem	4.901	7361430	321694.06	27.9	99884.19	1304743	256.1280 ng/ml

*Outside curve range.

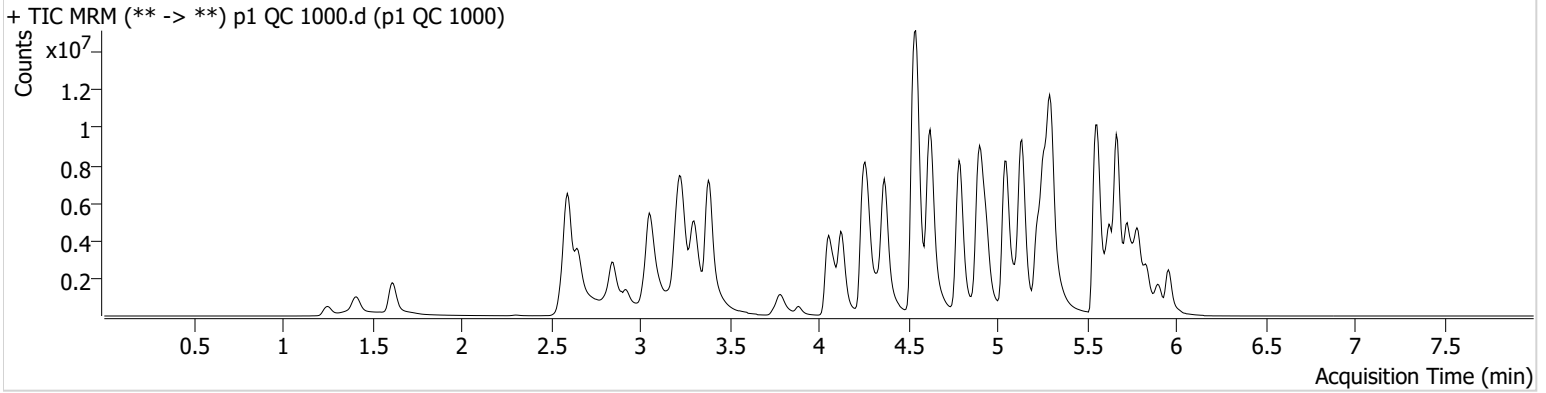


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 10:42:06 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	253749	3144.72	67.8	2530.97	64063	104.1187 ng/ml
7-aminoclonazepam	4.265	955919	4648.05	72.3	15882.64	73570	521.3722 ng/ml*
a-hydroxyalprazolam	5.692	424328	705.70	69.0	649.69	134849	384.2777 ng/ml*
alpha-PHP	4.937	3208382	161489.46	267.8	297024.48	557494	931.4515 ng/ml
alpha-PVP	4.370	13426346	3722.50	52.0	166579.69	557494	1020.0854 ng/ml
Alprazolam	5.782	3679600	347.51	107.3	814.09	134849	982.1740 ng/ml
Amphetamine	3.056	13539579	117.76	47.4	126.02	332672	590.8087 ng/ml*
Benzoylcegonine	3.886	487740	411.65	8.1	3765.18	16737	1013.9463 ng/ml
Buprenorphine	5.806	278694	212146.44	14.5	59121.19	110666	96.6152 ng/ml
Bupropion	4.788	15224953	380236.56	63.4	119261.94	592051	943.9017 ng/ml
Carisoprodol	5.730	1950344	44551.58	53.7	4208.13	76275	1029.7214 ng/ml
Citalopram	5.226	6559246	231335.79	37.6	324545.87	287127	1012.2850 ng/ml
Clonazepam	5.612	2538630	9576.11	34.6	63671.39	46993	785.3990 ng/ml*
Clonazepam	5.569	1050490	85575.78	37.3	422808.49	46993	546.2700 ng/ml*
Cocaine	4.271	6741139	1030.69	54.2	684.78	588702	1015.0398 ng/ml
Codeine	2.587	759194	235.35	97.4	6820.04	49186	878.7569 ng/ml
Cyclobenzaprine	5.635	7510587	170059.17	6.9	24161.94	260003	1088.5819 ng/ml
Dextromethorphan	5.275	3744044	269744.23	77.3	10006.62	173328	1042.4136 ng/ml
Dextrophan	4.125	3706313	45868.99	220.5	3953.94	404866	1070.7429 ng/ml
Diazepam	5.960	3220913	5798.33	92.1	277.54	167324	972.2986 ng/ml
Dihydrocodeine	2.559	2690272	11673.17	62.2	12478.96	251090	731.0895 ng/ml*
Diphenhydramine	5.303	20907363	146209.83	33.6	51766.65	1135163	1028.8776 ng/ml
Doxylamine	4.547	26467683	357816.66	98.5	306857.92	1457316	829.6685 ng/ml
EDDP	5.261	11243449	322952.15	40.5	126749.18	581878	1066.2208 ng/ml
Etizolam	5.820	1809834	3987.50	26.0	9817.83	46993	1208.2254 ng/ml*
Fentanyl	5.103	1226095	412305.15	74.9	161245.54	678515	108.0716 ng/ml
Flualprazolam	5.705	1166916	25349.48	109.6	32547.09	134849	780.5164 ng/ml*
Fluoxetine	5.727	4376336	236262.36	8.6	49295.40	143709	1076.2465 ng/ml
Hydrocodone	3.025	4198708	187.59	35.5	151.30	283388	913.0159 ng/ml
Hydromorphone	1.615	4139505	16029720.36	74.5	14000198.2	130489	1038.0304 ng/ml
					2		
Ketamine	4.059	9134503	3446.17	36.2	14122.54	480086	940.7206 ng/ml
Lamotrigine	4.294	400869	13593.77	86.7	1462.49	480086	453.2825 ng/ml*

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.656	2804661	86166.26	147.4	36296.86	901185	1002.7974 ng/ml
Lorazepam	5.753	849725	23195.21	49.3	3907.15	46993	329.5298 ng/ml*
MDA	3.196	5994196	74794.54	26.5	1085.27	268093	771.9964 ng/ml*
MDMA	3.303	8093360	3518.91	92.1	7849.30	91977	1055.6037 ng/ml
Meprobamate	4.911	1037311	102.88	24.3	5665.50	123766	477.1328 ng/ml*
Methadone	5.666	15202164	411513.26	50.9	143357.73	603499	979.0506 ng/ml
Methamphetamine	3.231	17478156	301704.52	36.9	231201.72	1078582	726.9356 ng/ml*
Metoprolol	4.333	1642953	7308457.33	97.1	207228.31	1107654	719.0383 ng/ml*
Mirtazapine	4.624	20088168	377029.79	45.8	222250.39	557494	1020.4439 ng/ml
Mitragynine	5.230	2893121	3581.66	36.8	1227895.17	603499	978.5173 ng/ml
Morphine	1.253	605265	1167.46	20.7	468.74	12219	968.7042 ng/ml
Norbuprenorphine	4.999	39191	10935.30	93.7	5396.92	17470	97.4504 ng/ml
Nordiazepam	5.906	2109177	13588.66	58.6	5208.48	80545	937.4023 ng/ml
Norfentanyl	4.093	2161892	106027.79	36.3	7506.19	688264	128.4579 ng/ml*
Norhydrocodone	3.080	642413	203.38	41.7	∞	42797	1181.3124 ng/ml
Noroxycodone	2.923	2564232	1779.70	46.1	847.78	86490	996.0449 ng/ml
O-desmethyl-tramadol	3.383	20887087	∞	5.7	469.74	1195063	1019.9541 ng/ml
Oxazepam	5.756	1140134	6494.75	73.5	3751.25	50128	999.0682 ng/ml
Oxycodone	2.841	9270430	1296.95	28.9	1228.89	393737	969.9585 ng/ml
Oxymorphone	1.411	3284241	∞	45.2	∞	112246	953.2456 ng/ml
Phentermine	3.790	3903510	∞	5.3	2367.56	783551	659.7228 ng/ml*
Promethazine	5.552	15060857	182157.50	29.3	48921.40	622298	1022.9528 ng/ml
Pseudoephedrine	2.596	20740084	108659.32	16.1	264693.93	901185	1069.1595 ng/ml
Quetiapine	5.562	7299035	5133.28	60.8	338.30	193257	681.8963 ng/ml*
Sertraline	5.796	1462286	31066.23	92.6	52997.90	63945	965.0801 ng/ml
Temazepam	5.837	3699252	47404.08	26.7	11658.18	180191	942.5193 ng/ml
Tramadol	4.246	17349995	861.98	3.2	414.50	1107654	871.9511 ng/ml
Trazodone	5.135	14824365	753642.62	80.7	4307.86	653645	934.0967 ng/ml
Venlafaxine	5.050	17973577	7222.91	33.3	7003.61	947405	1054.3214 ng/ml
Zolpidem	4.901	18937034	6435.60	28.7	381306.02	1104776	778.7092 ng/ml*

*Outside curve range.

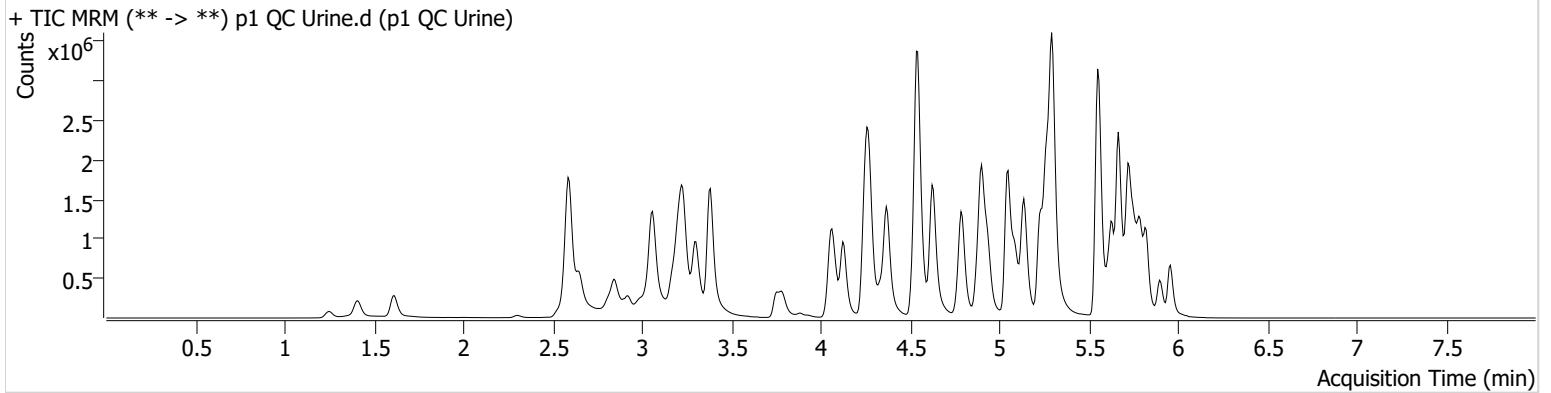
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 QC Urine.d
Type	Sample	Sample	p1 QC Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E2	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 1:00:12 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.145	29857	2239.09	68.3	420.25	78112	10.0681 ng/ml
7-aminoclonazepam	4.265	519557	10050.67	79.1	12256.36	202470	102.4587 ng/ml
a-hydroxyalprazolam	5.692	187779	374.55	69.2	263.25	231523	98.9438 ng/ml
alpha-PHP	4.937	491809	816.69	257.8	25261.69	832716	95.3729 ng/ml
alpha-PVP	4.376	1818743	24694.21	52.1	11236.16	832716	92.7111 ng/ml
Alprazolam	5.775	632862	1085.86	108.9	∞	231523	98.3713 ng/ml
Amphetamine	3.063	2674579	32726.73	51.0	593.41	412604	93.3676 ng/ml
Benzoylcegonine	3.886	45765	166.32	8.7	554.09	15734	101.1791 ng/ml
Buprenorphine	5.812	36810	3014.28	15.0	89.29	145086	9.6832 ng/ml
Bupropion	4.788	1955116	134678.26	62.8	11554.06	696031	102.9080 ng/ml
Carisoprodol	5.730	654975	49377.25	53.5	3679.14	287634	93.0807 ng/ml
Citalopram	5.226	1406518	30328.02	38.4	86363.56	634030	98.4628 ng/ml
Clonazepam	5.612	680105	1310.51	34.9	2188.50	93540	104.9191 ng/ml
Clonazepam	5.555	398677	6586.43	36.5	287.99	93540	102.8310 ng/ml
Cocaine	4.271	1127593	81694.76	54.7	399.48	1003720	99.5034 ng/ml
Codeine	2.587	157317	187.71	101.0	1251.79	78782	112.6699 ng/ml
Cyclobenzaprine	5.635	1348986	1159.40	7.6	484.84	541005	94.5077 ng/ml
Dextromethorphan	5.275	880864	1816.53	78.8	46578.96	430427	98.8468 ng/ml
Dextrophan	4.125	514882	14206.68	214.2	28341.55	619191	97.5041 ng/ml
Diazepam	5.960	592814	297.48	91.4	∞	290589	102.7966 ng/ml
Dihydrocodeine	2.565	410461	7588.67	61.1	260.24	258254	107.9287 ng/ml
Diphenhydramine	5.303	3927903	49789.26	31.6	49772.11	2245084	98.0892 ng/ml
Doxylamine	4.543	4166063	3604.40	99.2	3308.08	1812708	104.6155 ng/ml
EDDP	5.268	1571013	2448.78	41.4	696.01	891763	97.4165 ng/ml
Etizolam	5.820	295114	2544.52	27.0	1674.31	93540	99.6242 ng/ml
Fentanyl	5.103	144157	4746.98	75.0	627.05	820512	10.5164 ng/ml
Flualprazolam	5.705	288498	3017.06	102.1	2161.58	231523	111.9573 ng/ml
Fluoxetine	5.721	1553386	272877.95	8.5	156598.29	570450	96.6883 ng/ml
Hydrocodone	3.025	564811	1580.65	33.7	108.36	336857	102.6633 ng/ml
Hydromorphone	1.615	469270	5778142.99	74.0	1312500.28	150711	101.9231 ng/ml
Ketamine	4.059	1233219	20450.82	38.4	3083.36	567199	106.9043 ng/ml
Lamotrigine	4.287	108941	261.36	85.5	997.16	567199	103.6647 ng/ml
Levetiracetam	2.649	431791	634.73	145.2	4166.33	1574144	88.3047 ng/ml

AM #28 Multi-Drug Quant. Results



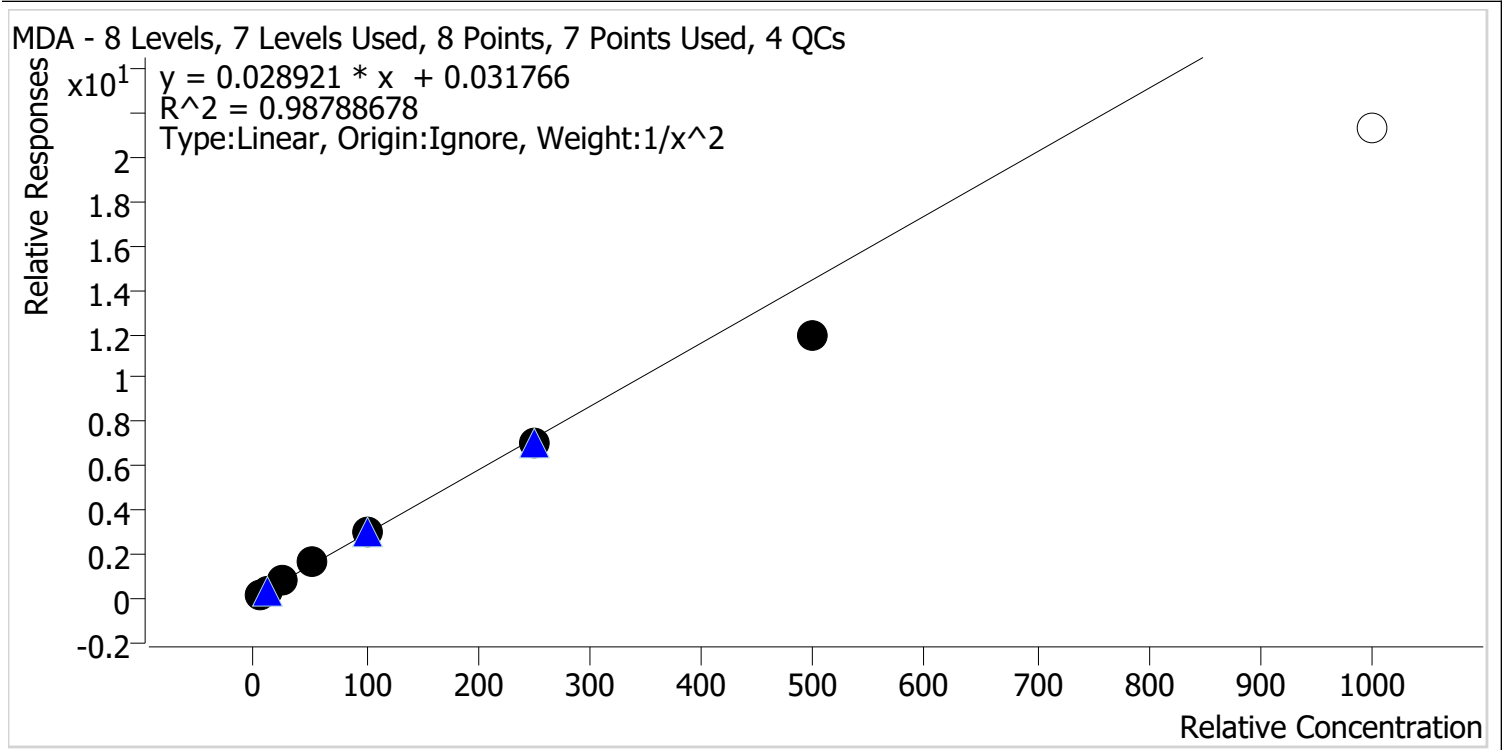
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	344401	1464.90	50.0	118.11	93540	66.3050 ng/ml *
MDA	3.209	1733834	4056.86	27.6	2636.80	557438	106.4489 ng/ml
MDMA	3.303	1185895	4218.33	90.6	3929.87	143188	99.2731 ng/ml
Meprobamate	4.904	426647	12657.74	24.1	1811.77	244345	98.3804 ng/ml
Methadone	5.666	2418572	30495.12	50.5	2199.85	1025413	92.5840 ng/ml
Methamphetamine	3.231	2553821	2787.16	39.4	12671.06	1080827	104.1145 ng/ml
Metoprolol	4.333	328092	44175.30	95.8	10173.51	1517908	104.2329 ng/ml
Mirtazapine	4.624	2943324	373185.67	45.9	41314.17	832716	100.2642 ng/ml
Mitragynine	5.237	563180	1408.81	35.9	268705.19	1025413	111.7558 ng/ml
Morphine	1.253	79681	405.01	19.9	∞	14661	106.3526 ng/ml
Norbuprenorphine	5.006	4511	16456.56	98.2	1792.99	20086	9.5737 ng/ml
Nordiazepam	5.900	493639	573.13	58.8	537.94	166382	105.7336 ng/ml
Norfentanyl	4.093	269790	708.45	37.1	4502.16	1234515	8.9938 ng/ml
Norhydrocodone	3.080	70297	279.69	39.3	100.08	60428	92.9565 ng/ml
Noroxycodone	2.923	485500	243.16	47.9	10924.82	162232	100.1978 ng/ml
O-desmethyl-tramadol	3.383	2647063	21340.19	5.8	2247.74	1586024	97.4819 ng/ml
Oxazepam	5.756	465775	202.15	73.6	139.40	223890	90.9588 ng/ml
Oxycodone	2.841	1194263	5221.11	29.4	7052.01	486216	100.9531 ng/ml
Oxymorphone	1.405	434172	∞	44.4	199.06	143702	98.2953 ng/ml
Phentermine	3.790	695103	932.46	5.2	283.34	874474	104.4099 ng/ml
Promethazine	5.552	2788338	2345.39	30.0	13509.12	1219851	96.9636 ng/ml
Pseudoephedrine	2.596	3222570	17588.94	16.8	51859.23	1574144	95.6338 ng/ml
Quetiapine	5.555	1646938	70761.19	60.7	254325.98	264121	111.4439 ng/ml
Sertraline	5.789	498496	2070.16	91.9	15665.18	224072	94.4612 ng/ml
Temazepam	5.823	923722	10149.26	28.0	42.32	474526	90.6133 ng/ml
Tramadol	4.252	2844542	1573.44	3.2	291.95	1517908	103.6190 ng/ml
Trazodone	5.135	2098220	1644.69	77.2	160395.57	834560	103.2813 ng/ml
Venlafaxine	5.050	2488523	73943.59	34.3	2152.94	1424568	97.4007 ng/ml
Zolpidem	4.901	2882824	1222.95	29.3	93750.76	1268261	103.0213 ng/ml

*Outside curve range.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



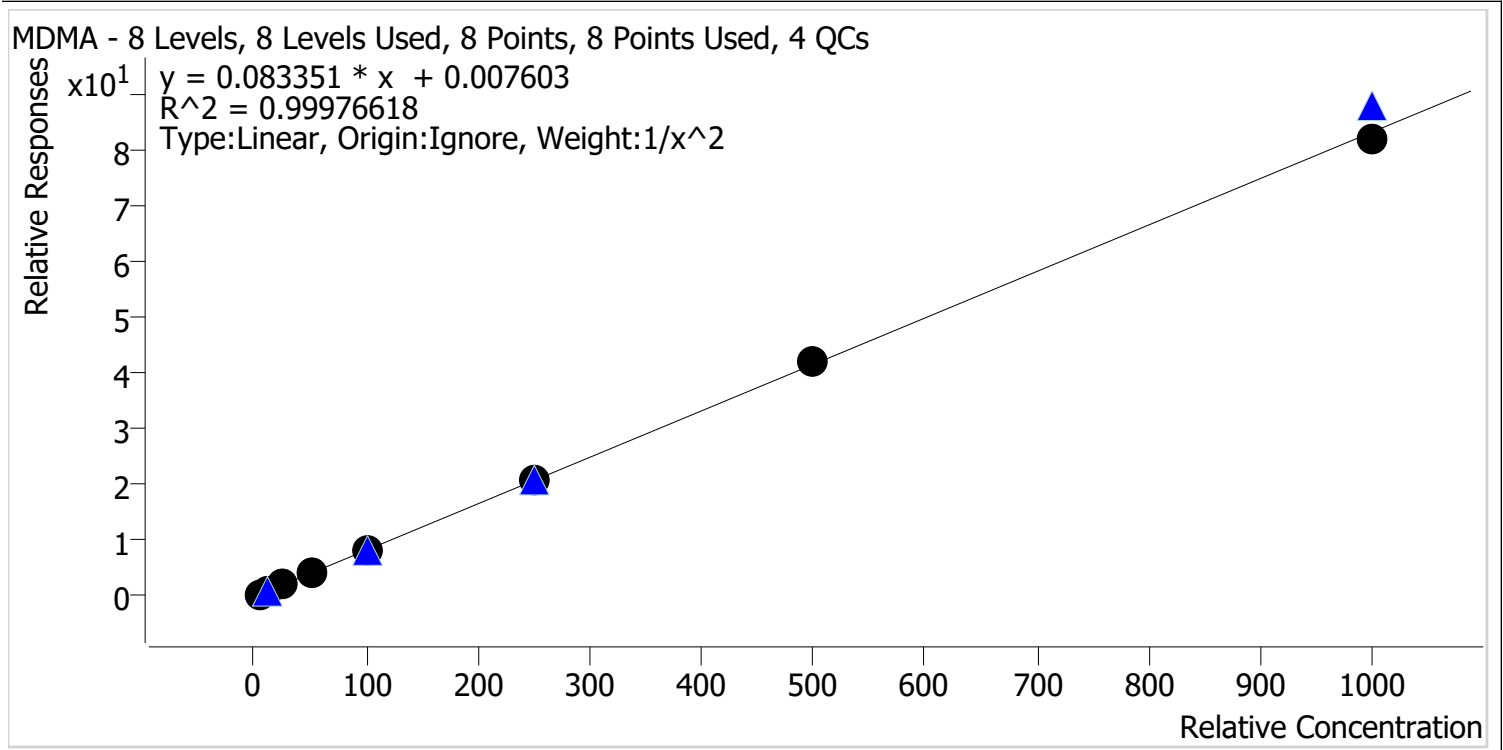
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.6	105.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	104.6	104.6
p1 Cal 6-250ng	6	✓	250.0	244.6	97.9
p1 Cal 7-500ng	7	✓	500.0	409.5	81.9
p1 Cal 8-1000ng	8	x	1000.0	738.3	73.8

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

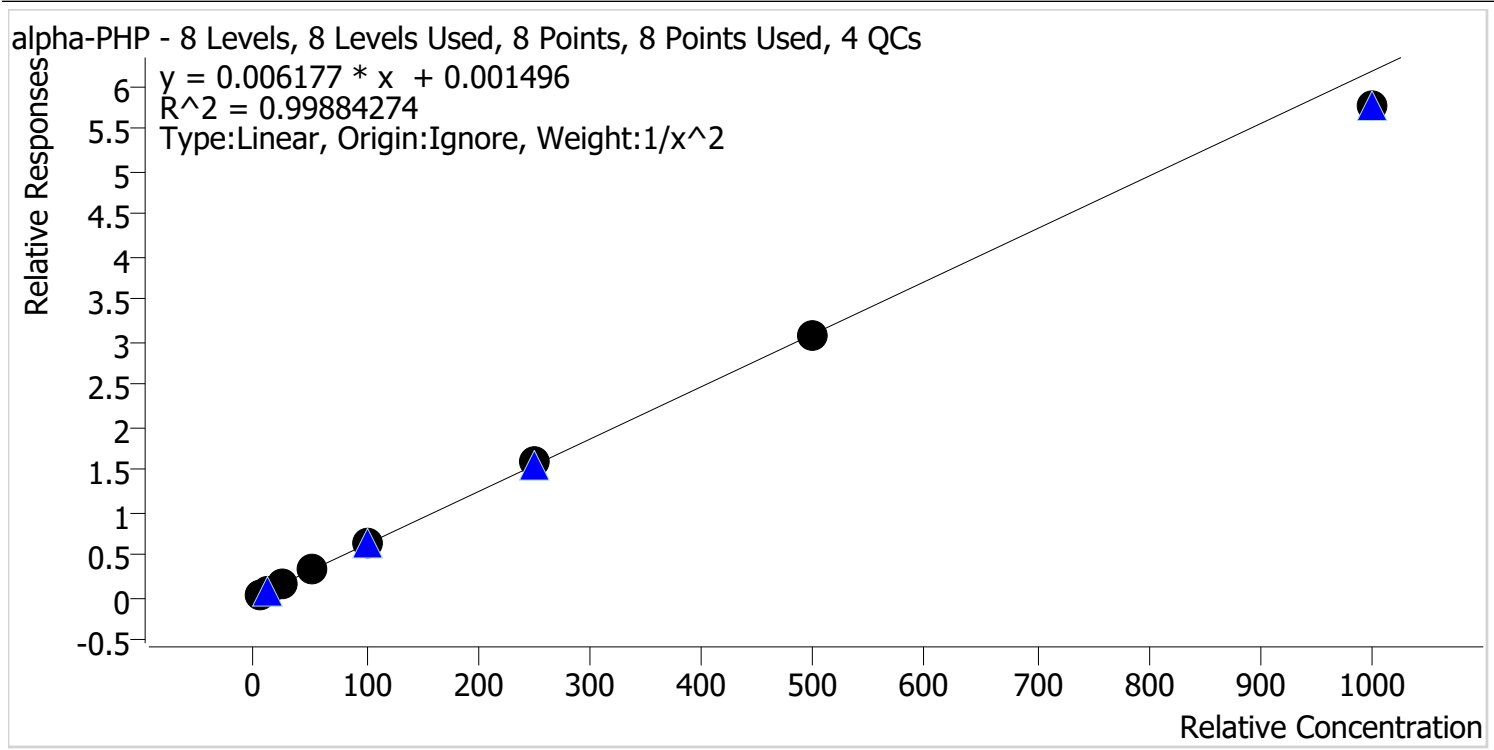


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.3
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	985.8	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

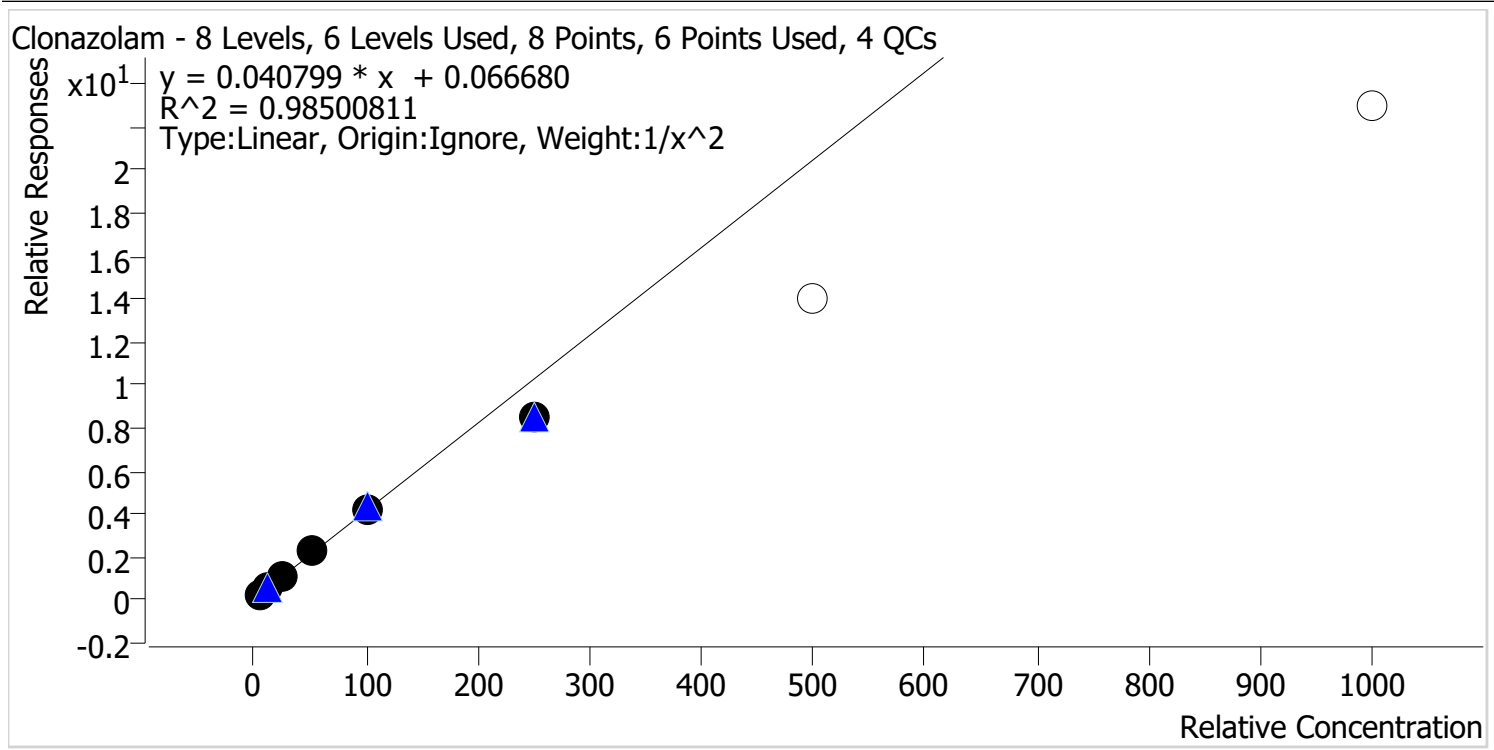


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.3
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	933.1	93.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



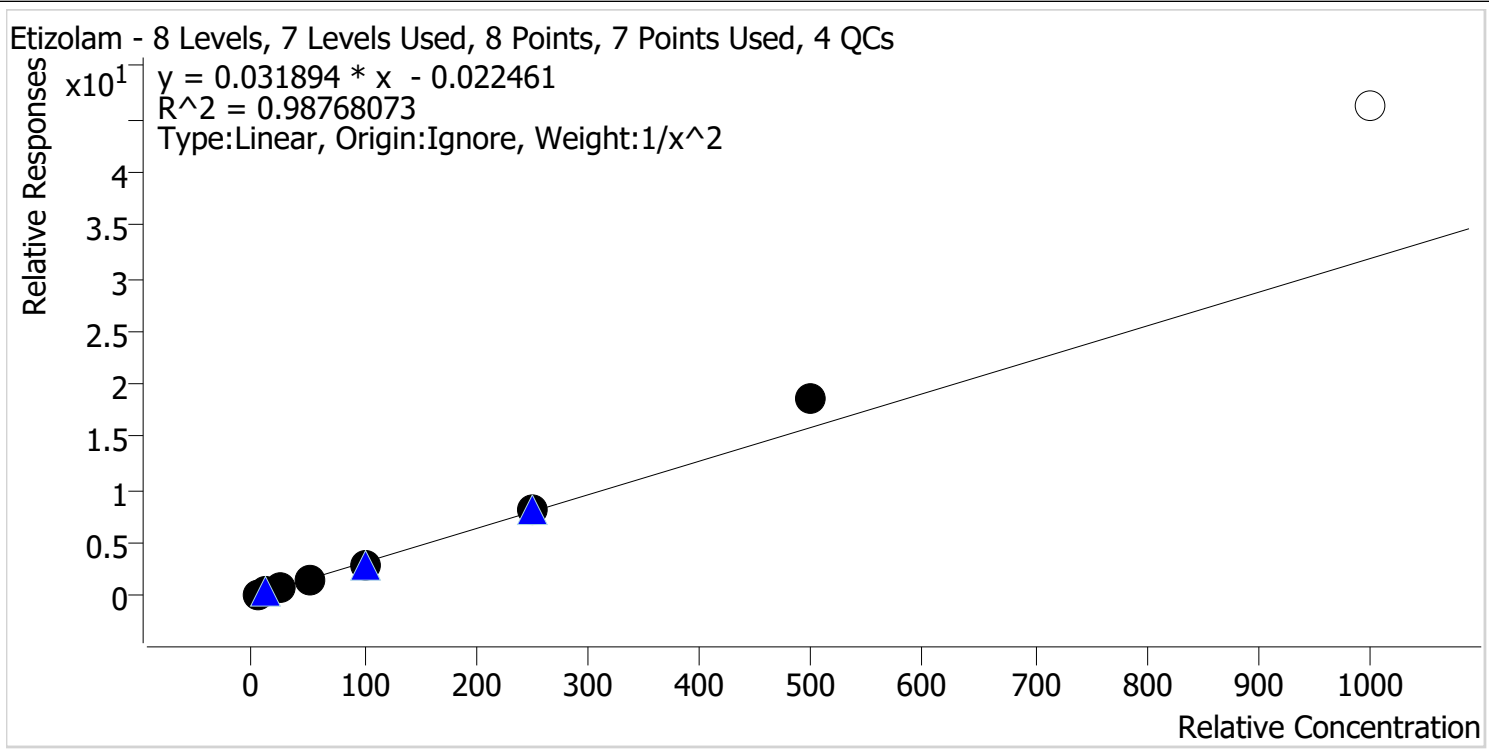
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	54.7	109.4
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	205.0	82.0
p1 Cal 7-500ng	7	✗	500.0	341.2	68.2
p1 Cal 8-1000ng	8	✗	1000.0	560.9	56.1

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.3
p1 Cal 4-50ng	4	✓	50.0	46.4	92.9
p1 Cal 5-100ng	5	✓	100.0	94.9	94.9
p1 Cal 6-250ng	6	✓	250.0	258.5	103.4
p1 Cal 7-500ng	7	✓	500.0	589.0	117.8
p1 Cal 8-1000ng	8	x	1000.0	1451.2	145.1

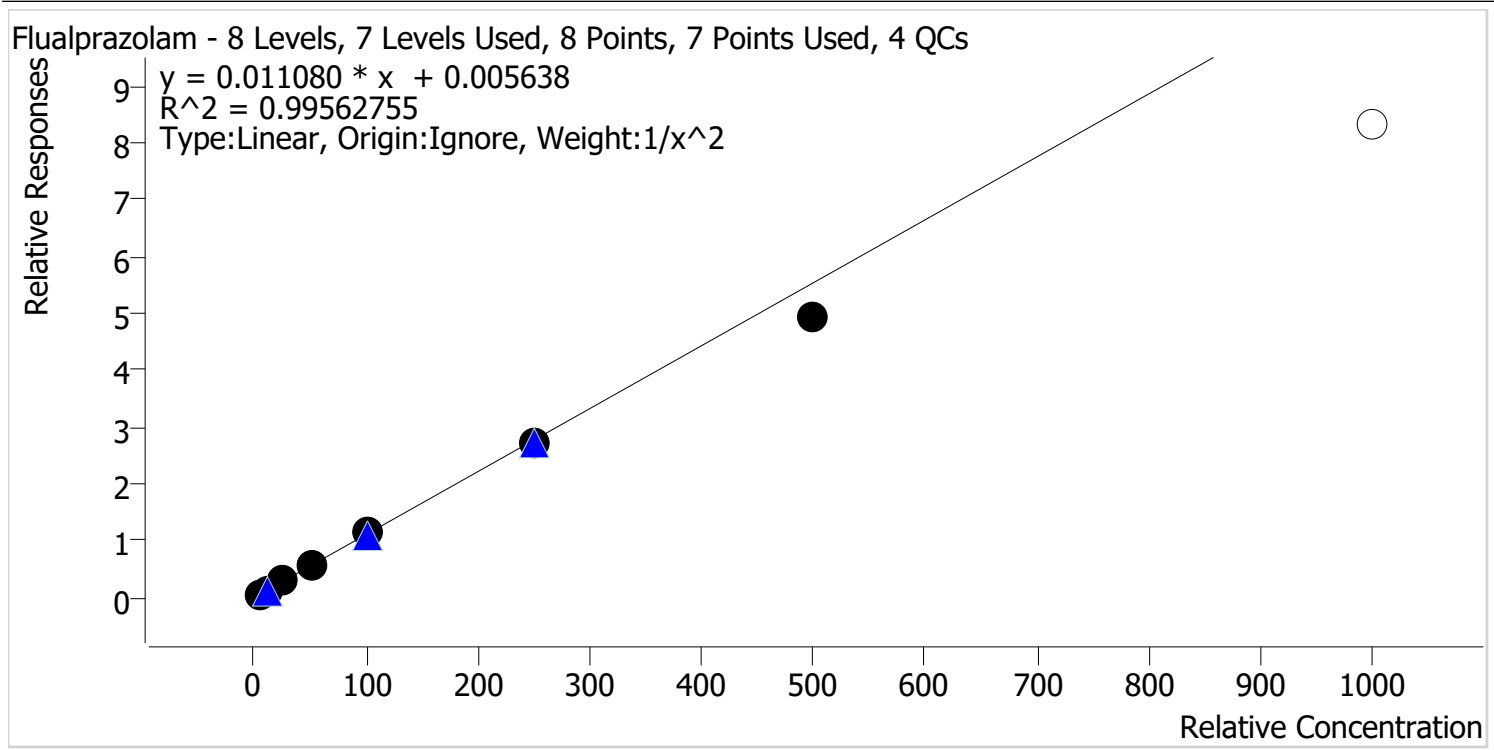
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



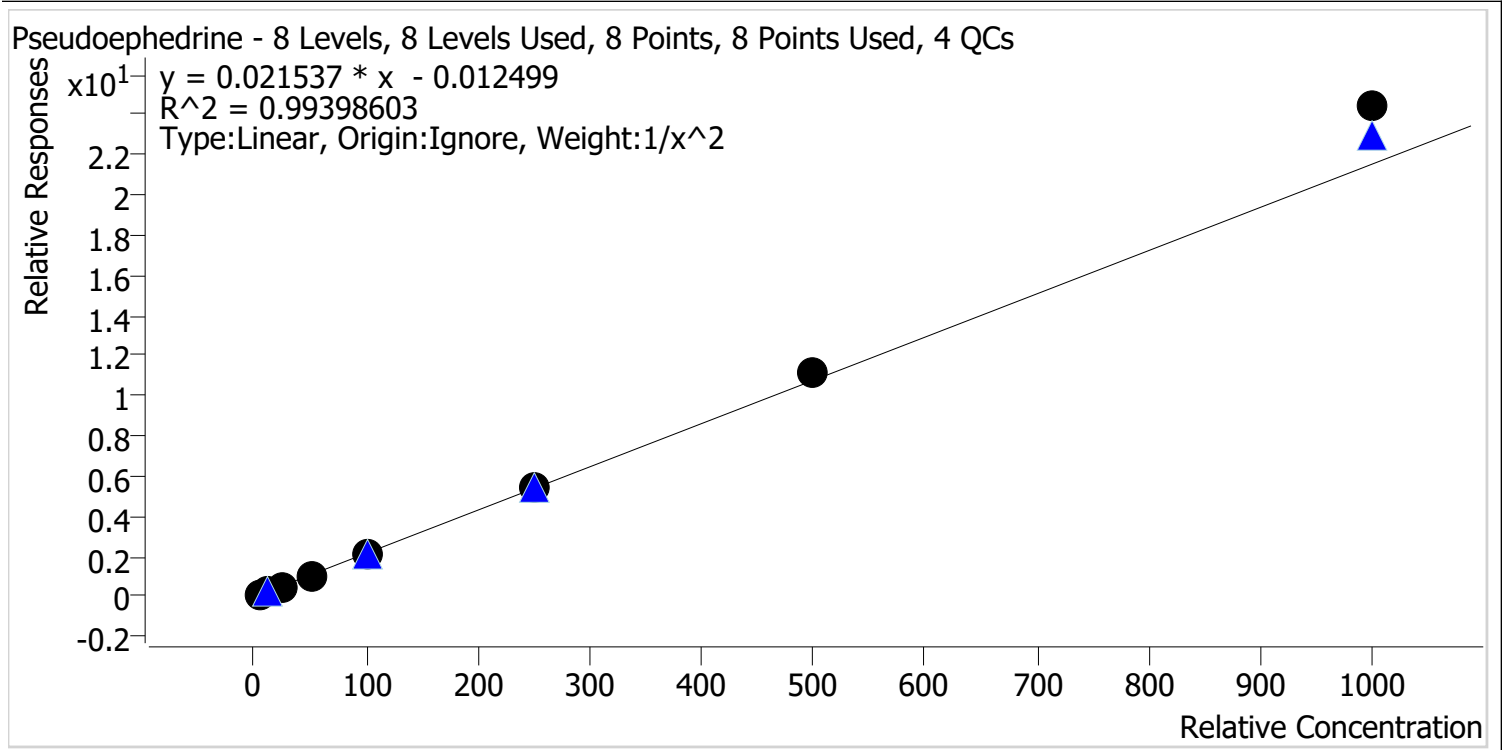
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	448.3	89.7
p1 Cal 8-1000ng	8	x	1000.0	750.0	75.0

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

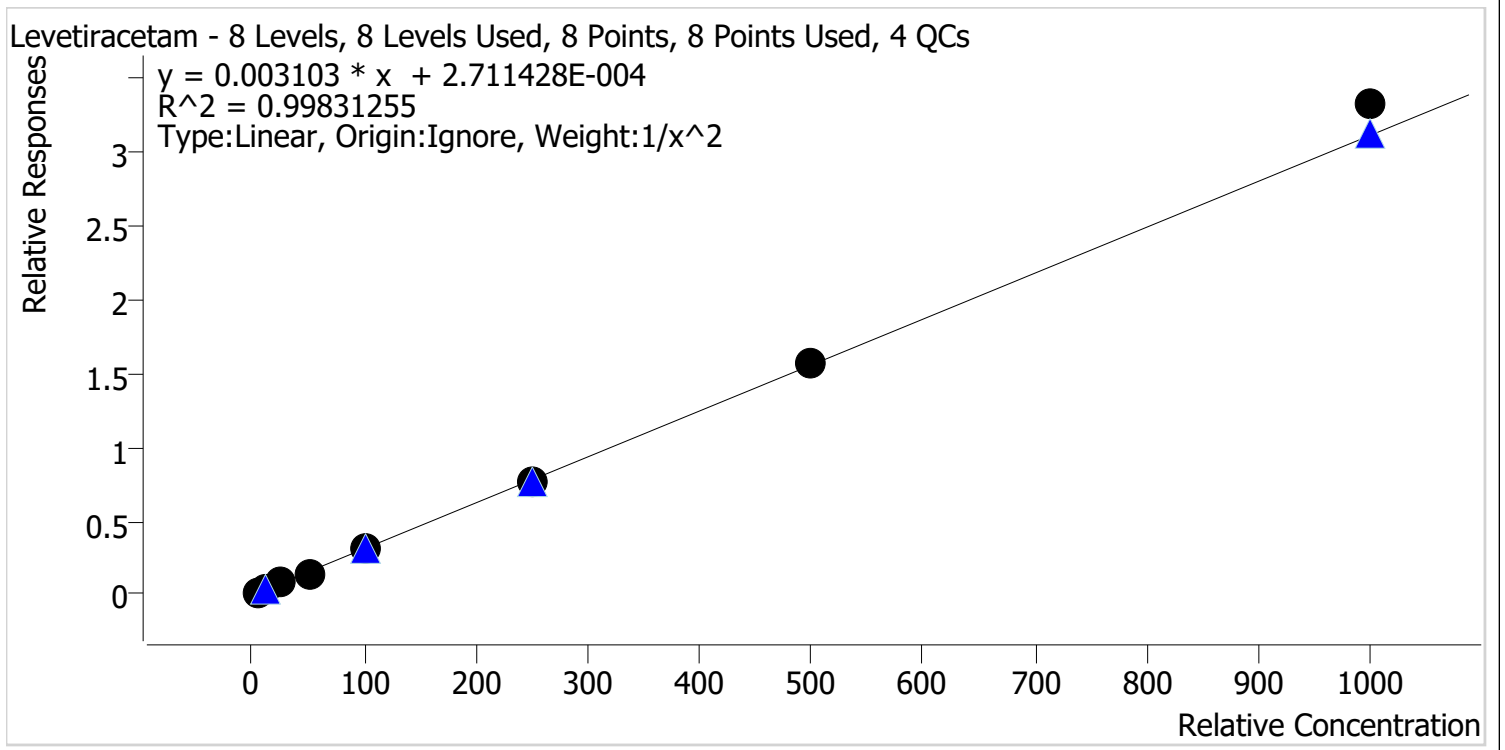


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	46.7	93.4
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	520.5	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1133.8	113.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



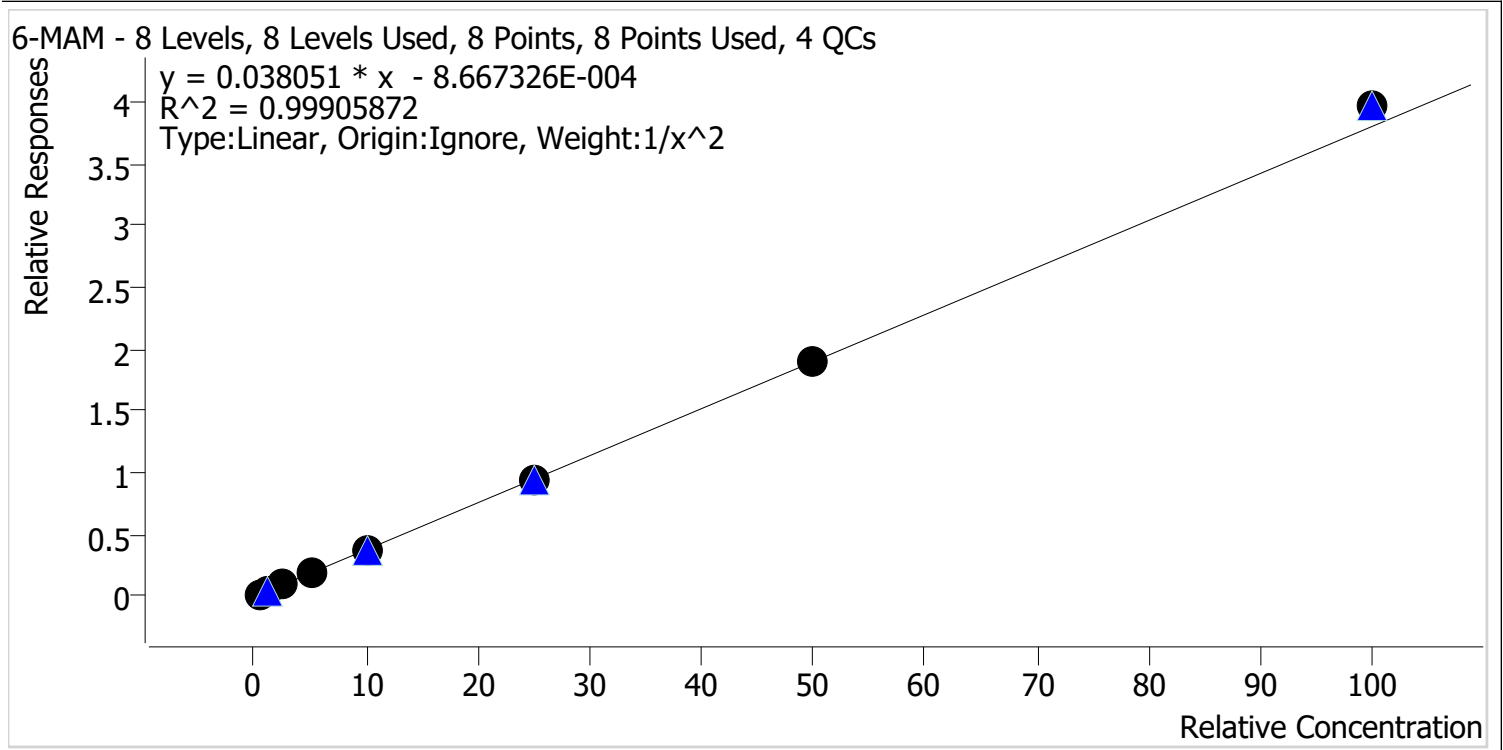
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	243.1	97.2
p1 Cal 7-500ng	7	✓	500.0	507.6	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1067.8	106.8

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

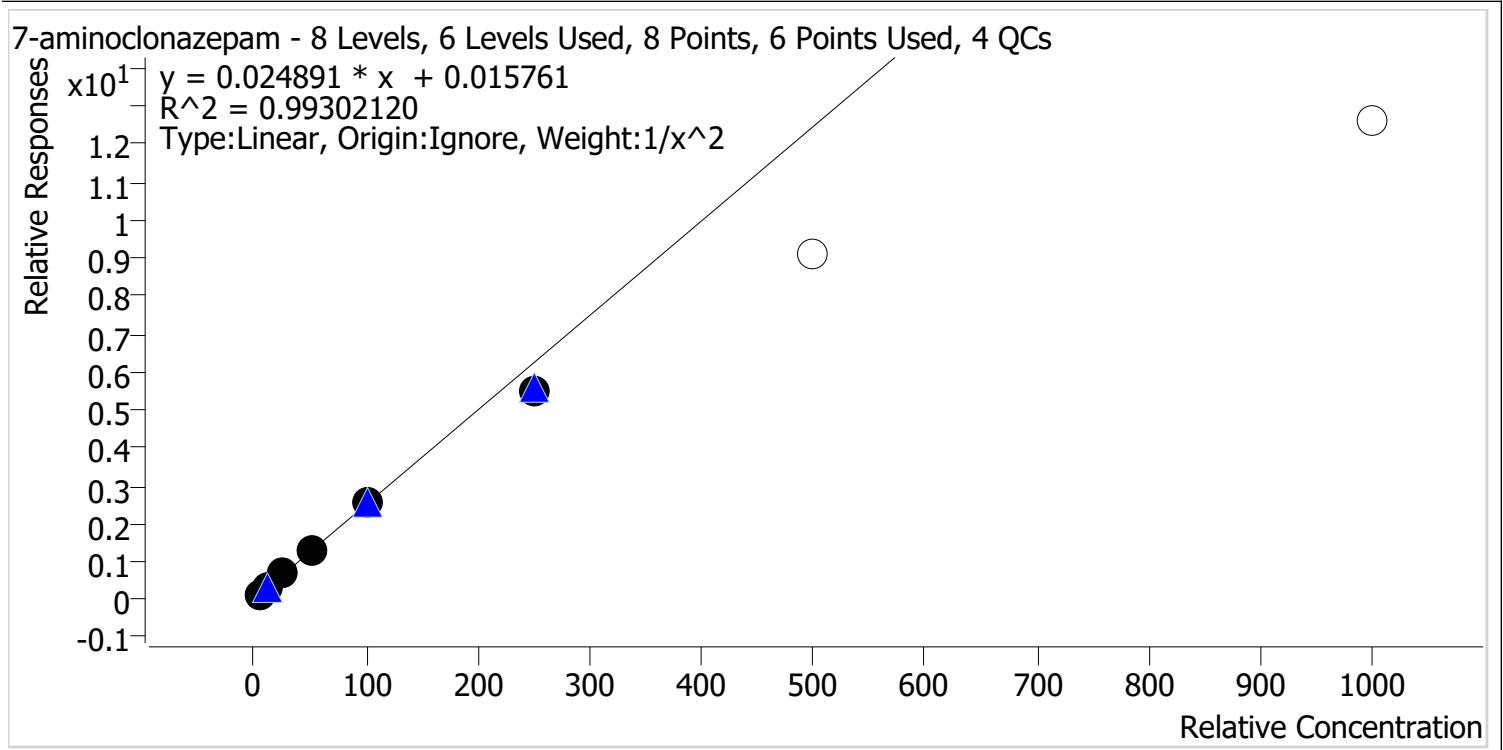


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	95.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.9
p1 Cal 5-100ng	5	✓	10.0	9.9	99.1
p1 Cal 6-250ng	6	✓	25.0	25.2	100.6
p1 Cal 7-500ng	7	✓	50.0	50.0	100.1
p1 Cal 8-1000ng	8	✓	100.0	104.3	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



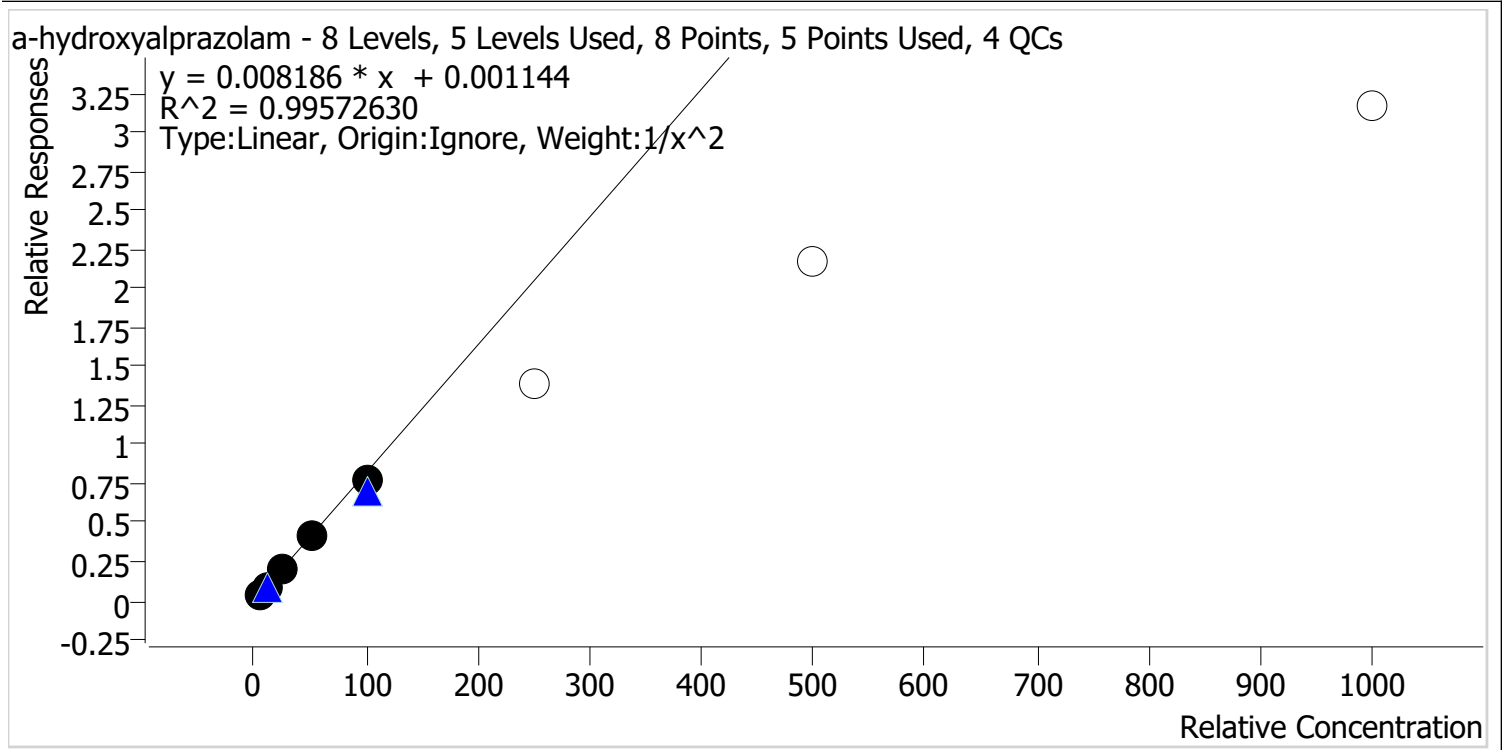
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	219.8	87.9
p1 Cal 7-500ng	7	✗	500.0	366.2	73.2
p1 Cal 8-1000ng	8	✗	1000.0	504.9	50.5

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5



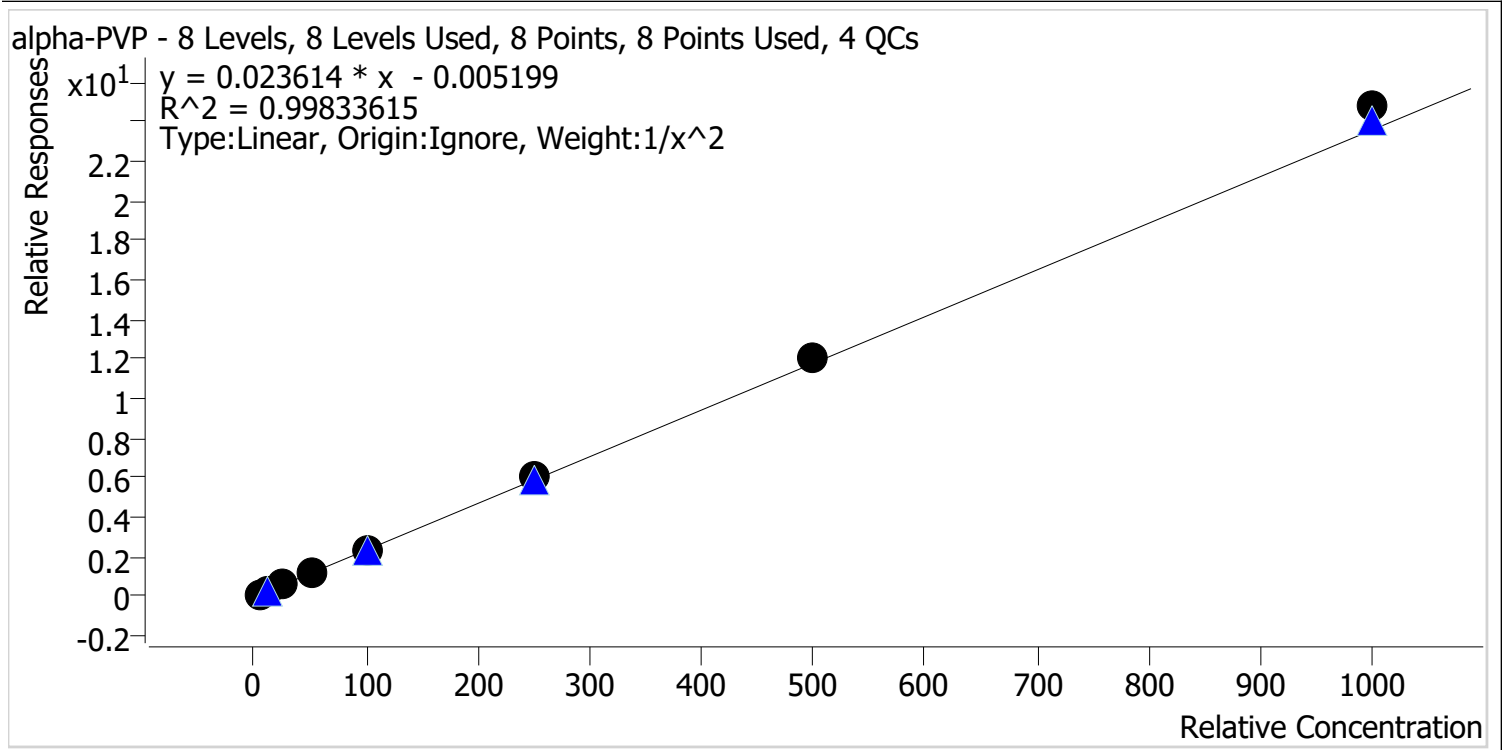
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	50.2	100.5
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✗	250.0	169.3	67.7
p1 Cal 7-500ng	7	✗	500.0	264.8	53.0
p1 Cal 8-1000ng	8	✗	1000.0	386.5	38.7

Calibrators 6, 7, and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

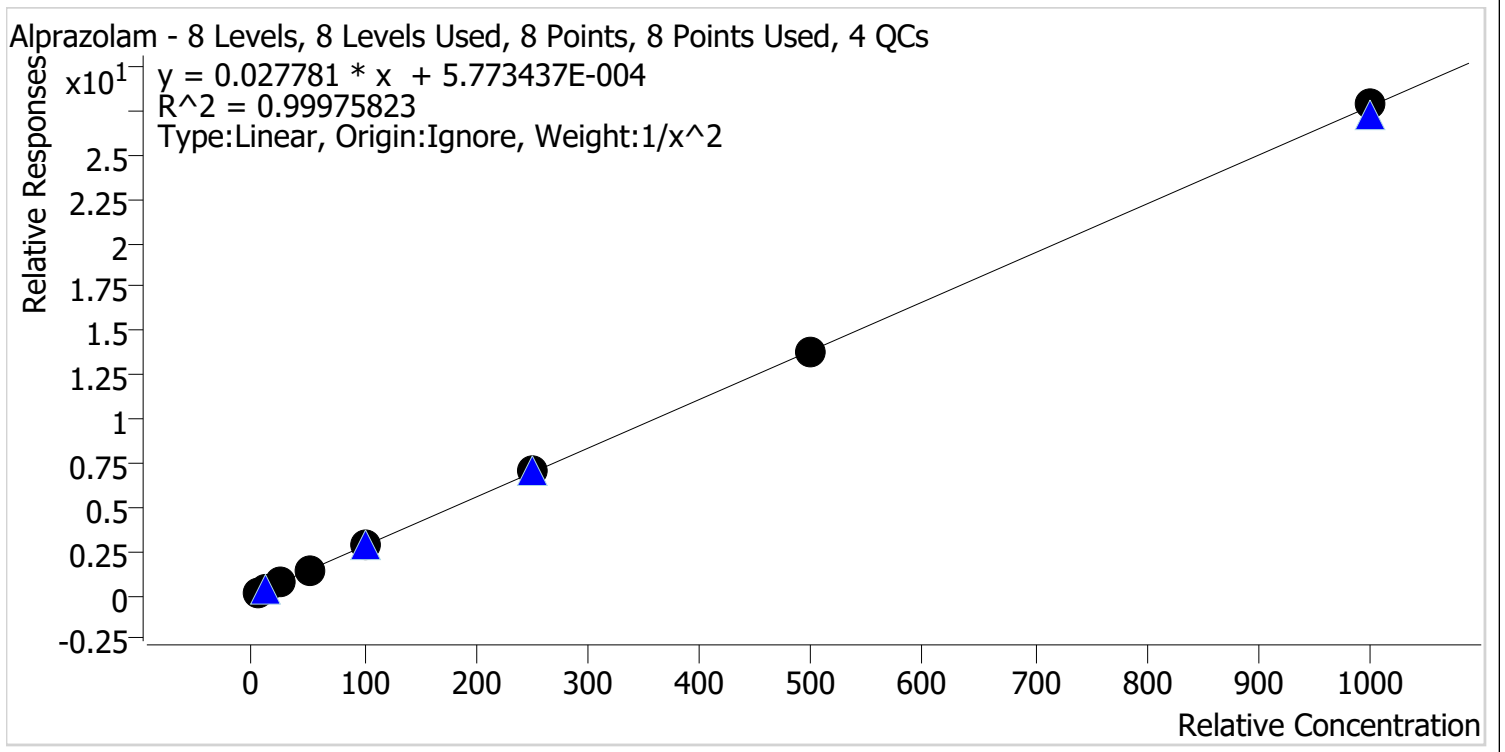


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	255.5	102.2
p1 Cal 7-500ng	7	✓	500.0	515.8	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1050.7	105.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

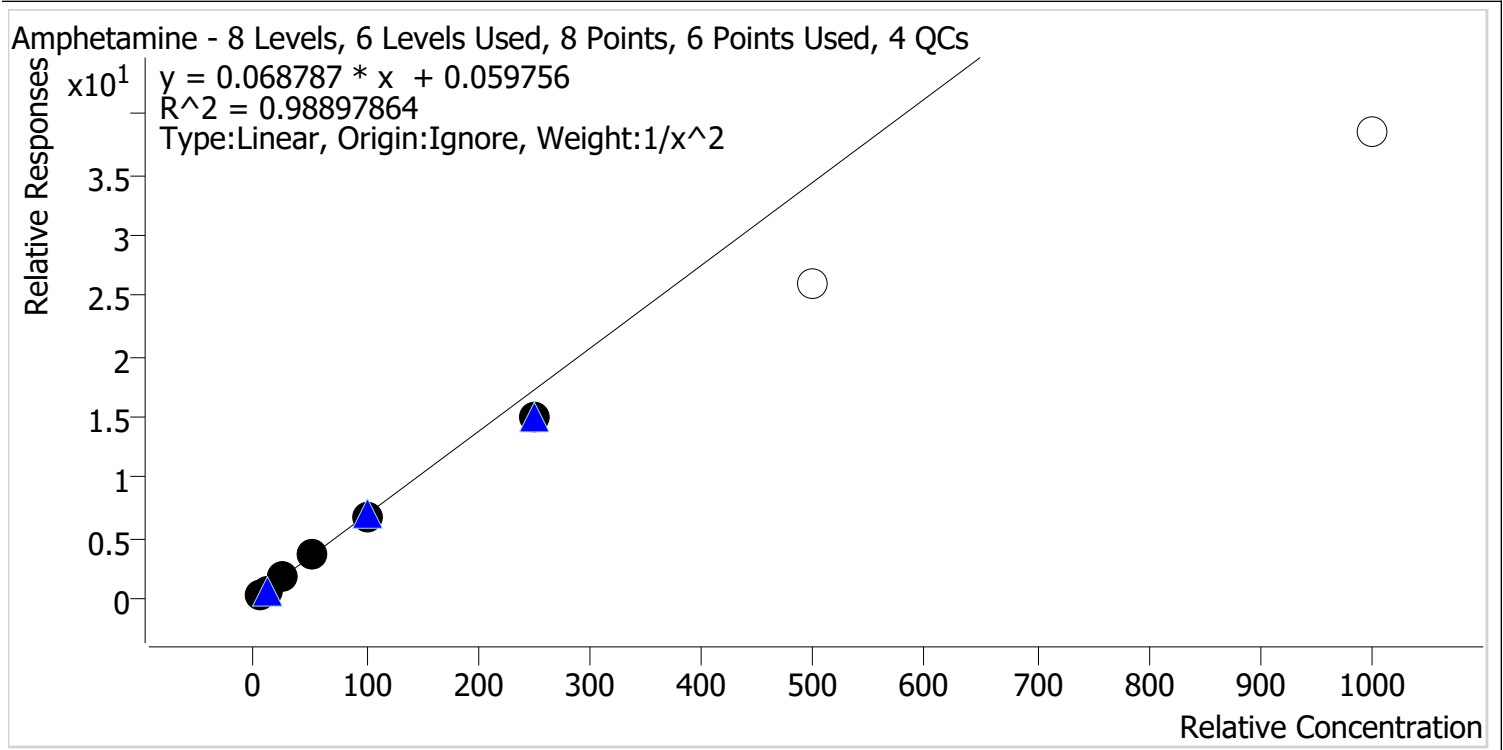


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	1004.3	100.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



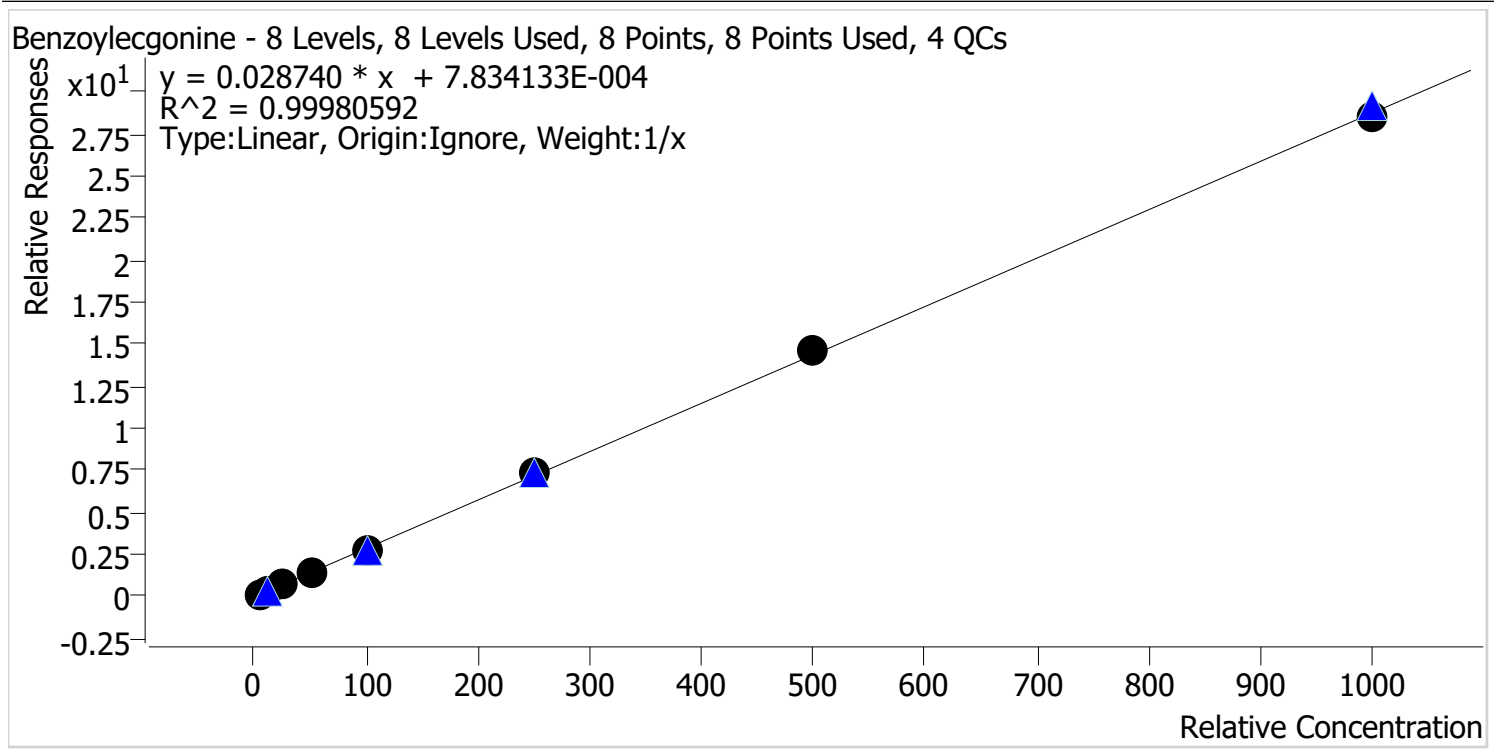
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	215.5	86.2
p1 Cal 7-500ng	7	✗	500.0	378.3	75.7
p1 Cal 8-1000ng	8	✗	1000.0	558.2	55.8

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

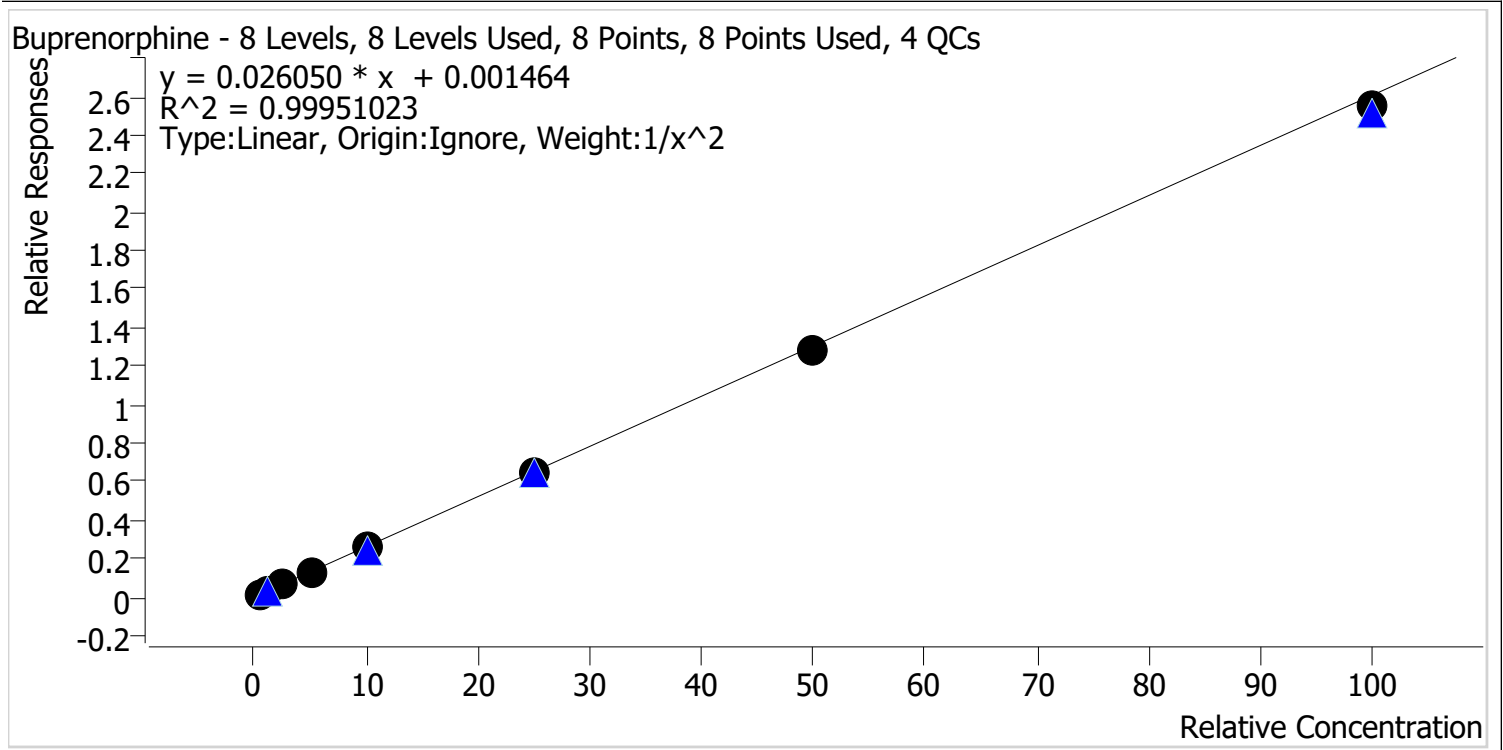


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	506.2	101.2
p1 Cal 8-1000ng	8	✓	1000.0	993.7	99.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

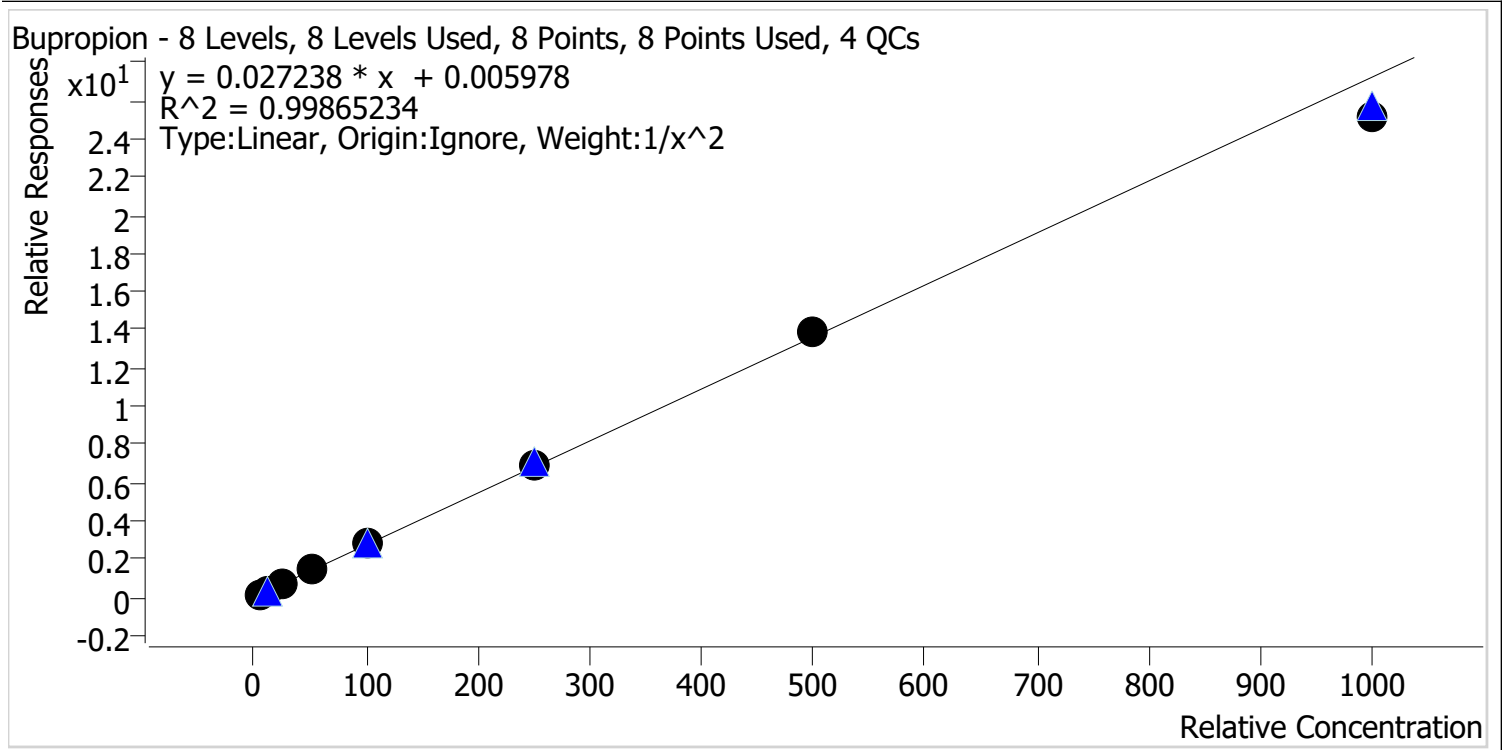


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.5
p1 Cal 2-10ng	2	✓	1.0	1.0	97.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	102.0
p1 Cal 4-50ng	4	✓	5.0	5.1	102.1
p1 Cal 5-100ng	5	✓	10.0	10.2	101.9
p1 Cal 6-250ng	6	✓	25.0	25.0	99.8
p1 Cal 7-500ng	7	✓	50.0	49.1	98.2
p1 Cal 8-1000ng	8	✓	100.0	97.8	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

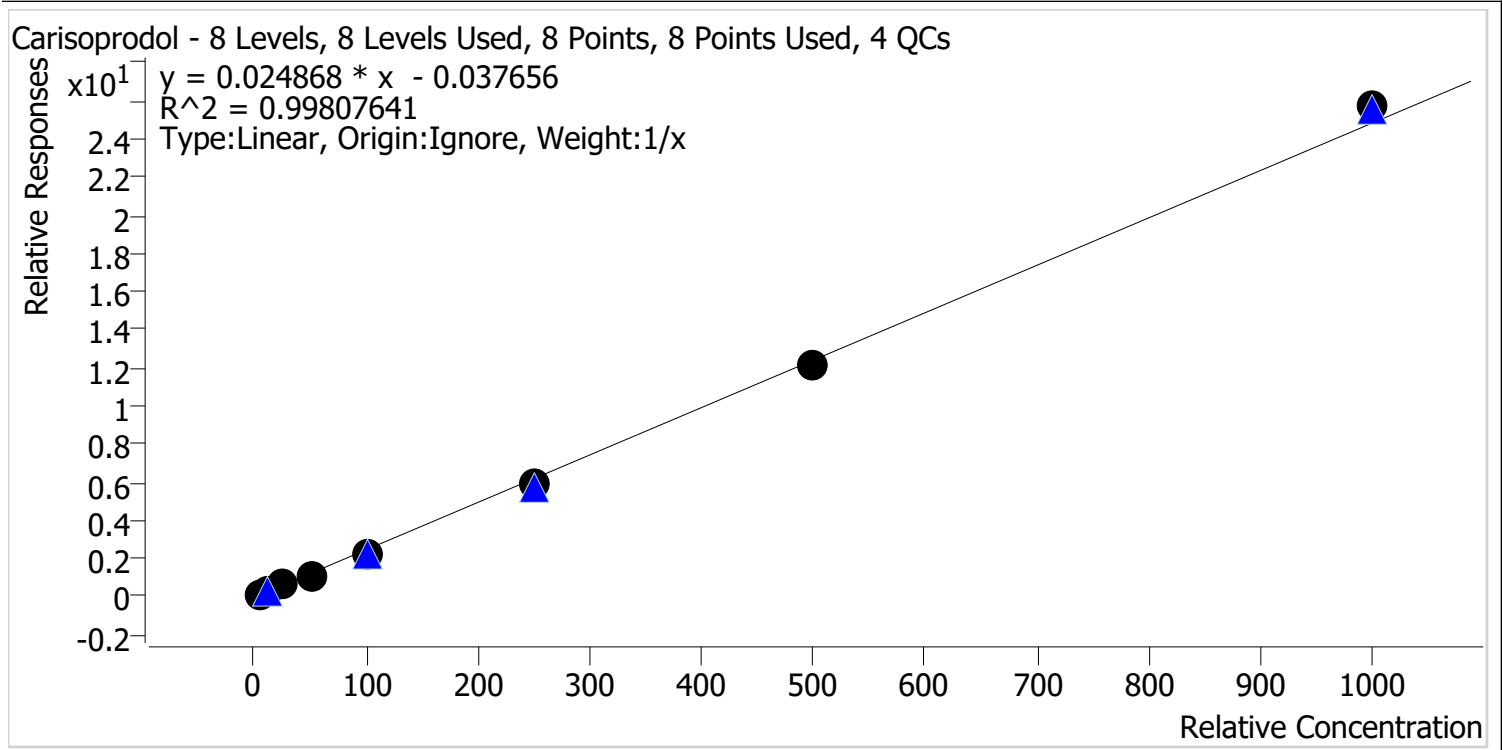


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	255.9	102.3
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	924.6	92.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



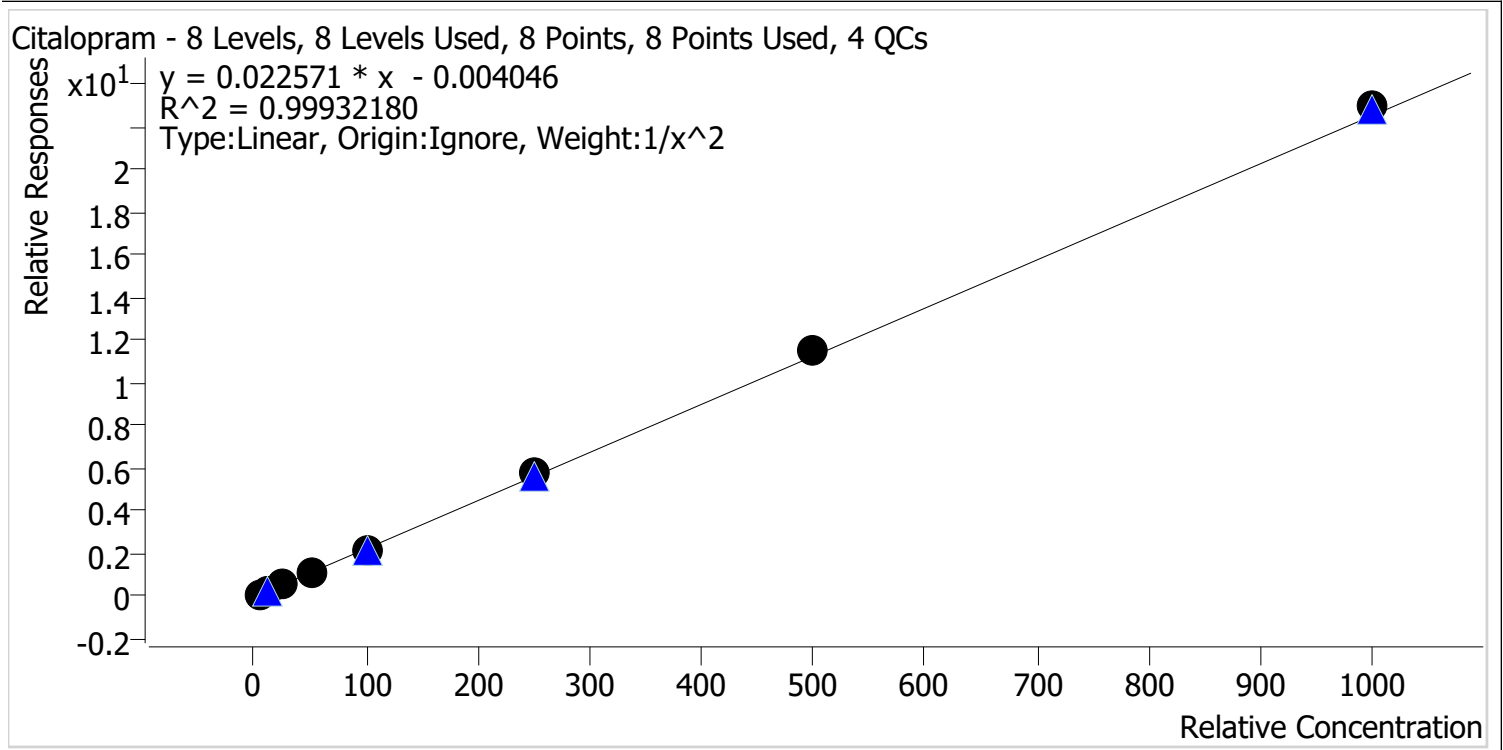
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.9	118.6
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	45.8	91.7
p1 Cal 5-100ng	5	✓	100.0	92.2	92.2
p1 Cal 6-250ng	6	✓	250.0	236.1	94.4
p1 Cal 7-500ng	7	✓	500.0	489.6	97.9
p1 Cal 8-1000ng	8	✓	1000.0	1035.5	103.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

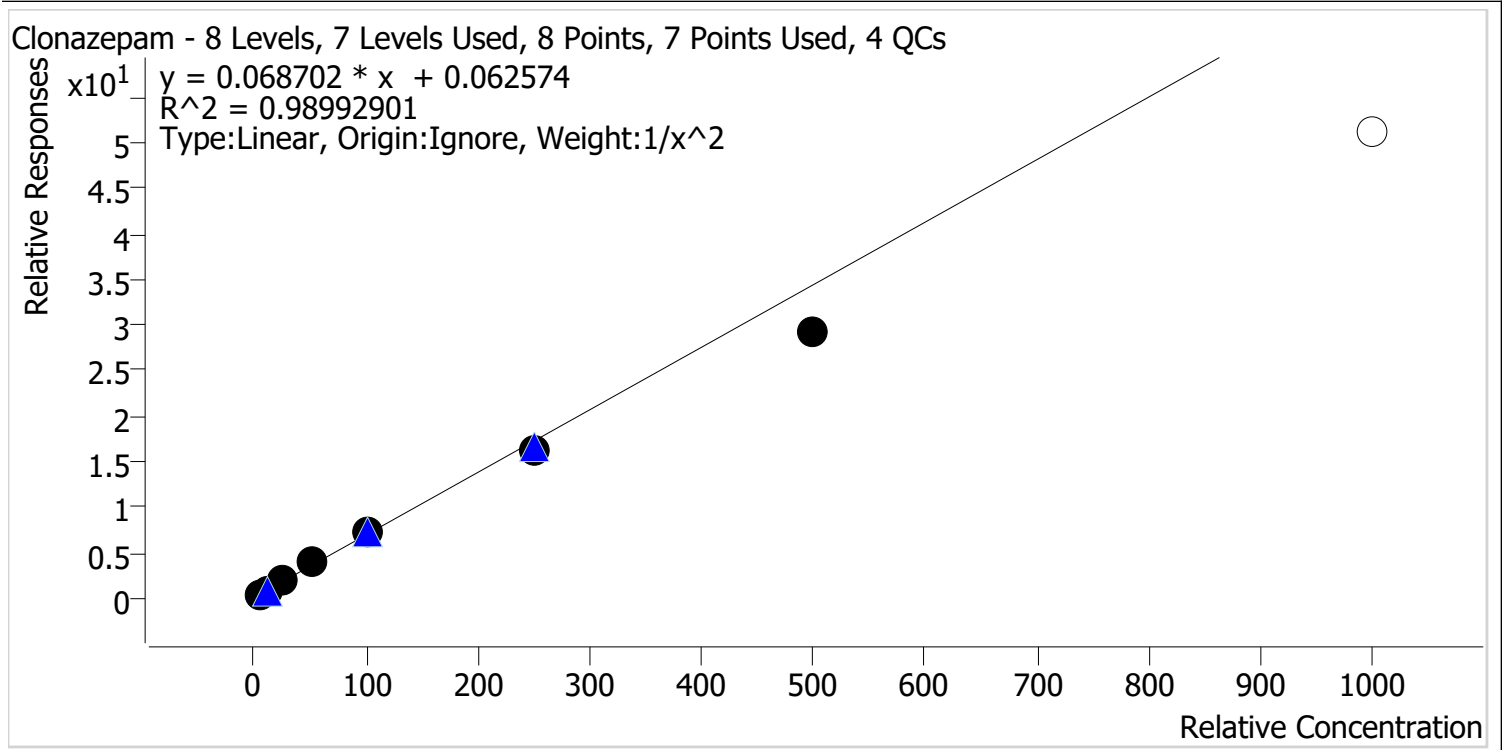


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.3
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1019.5	102.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



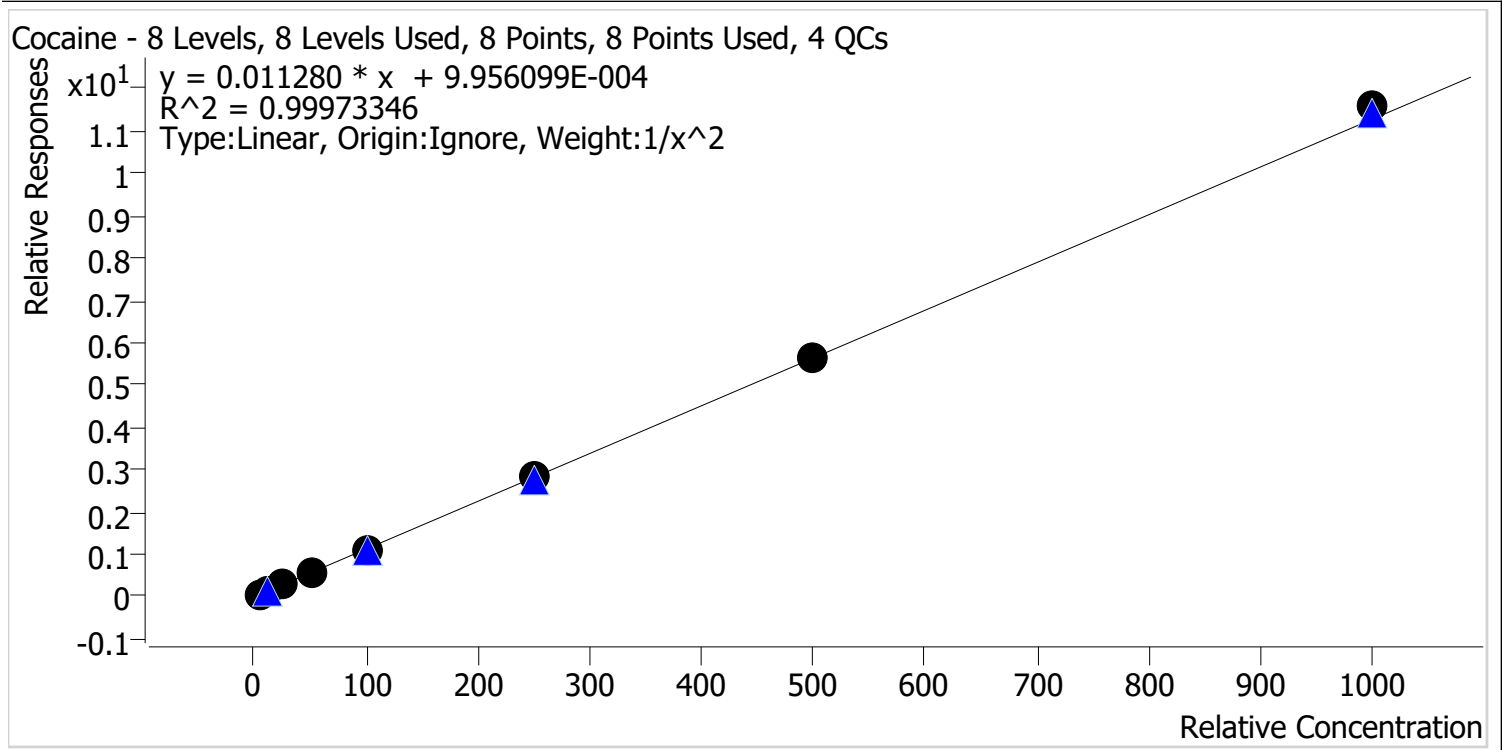
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	425.3	85.1
p1 Cal 8-1000ng	8	x	1000.0	744.8	74.5

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



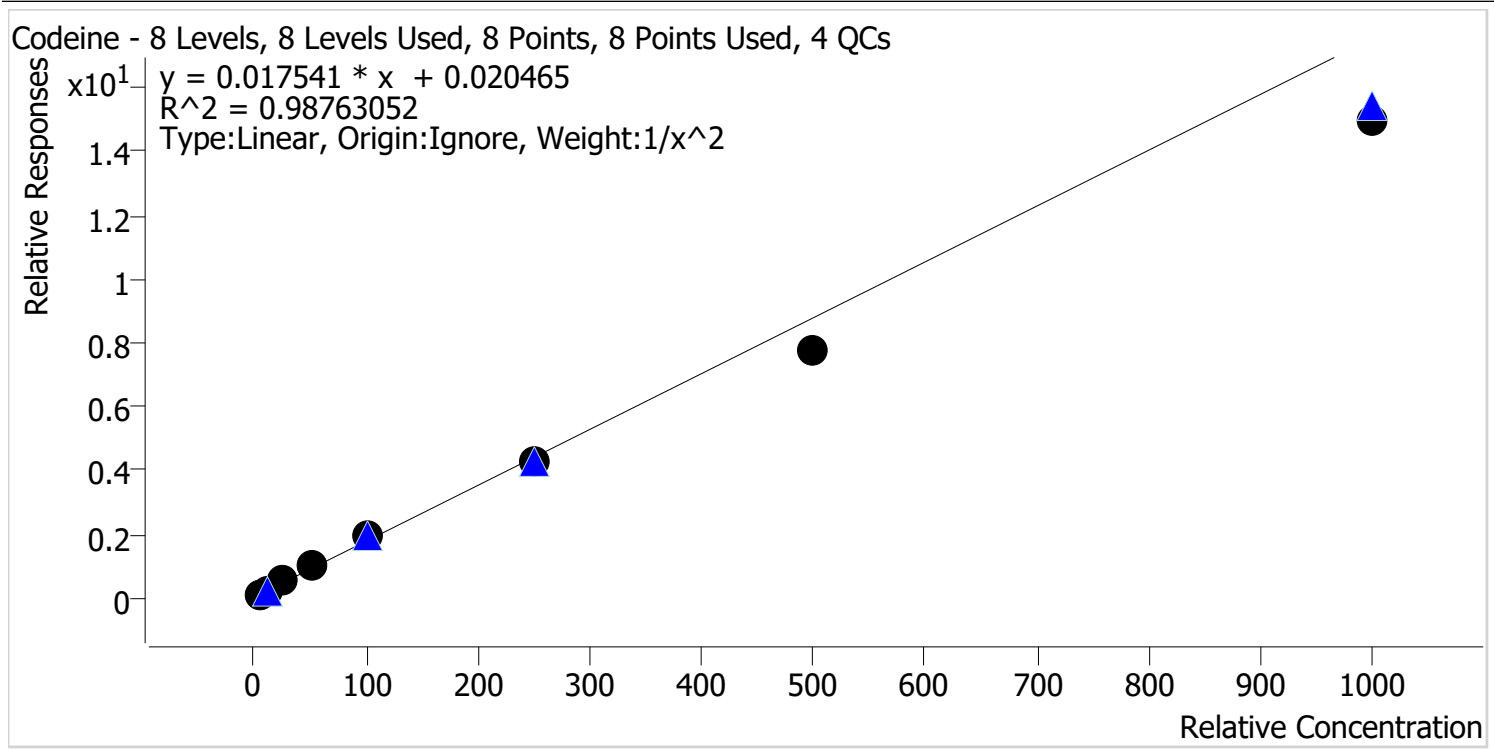
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1027.2	102.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



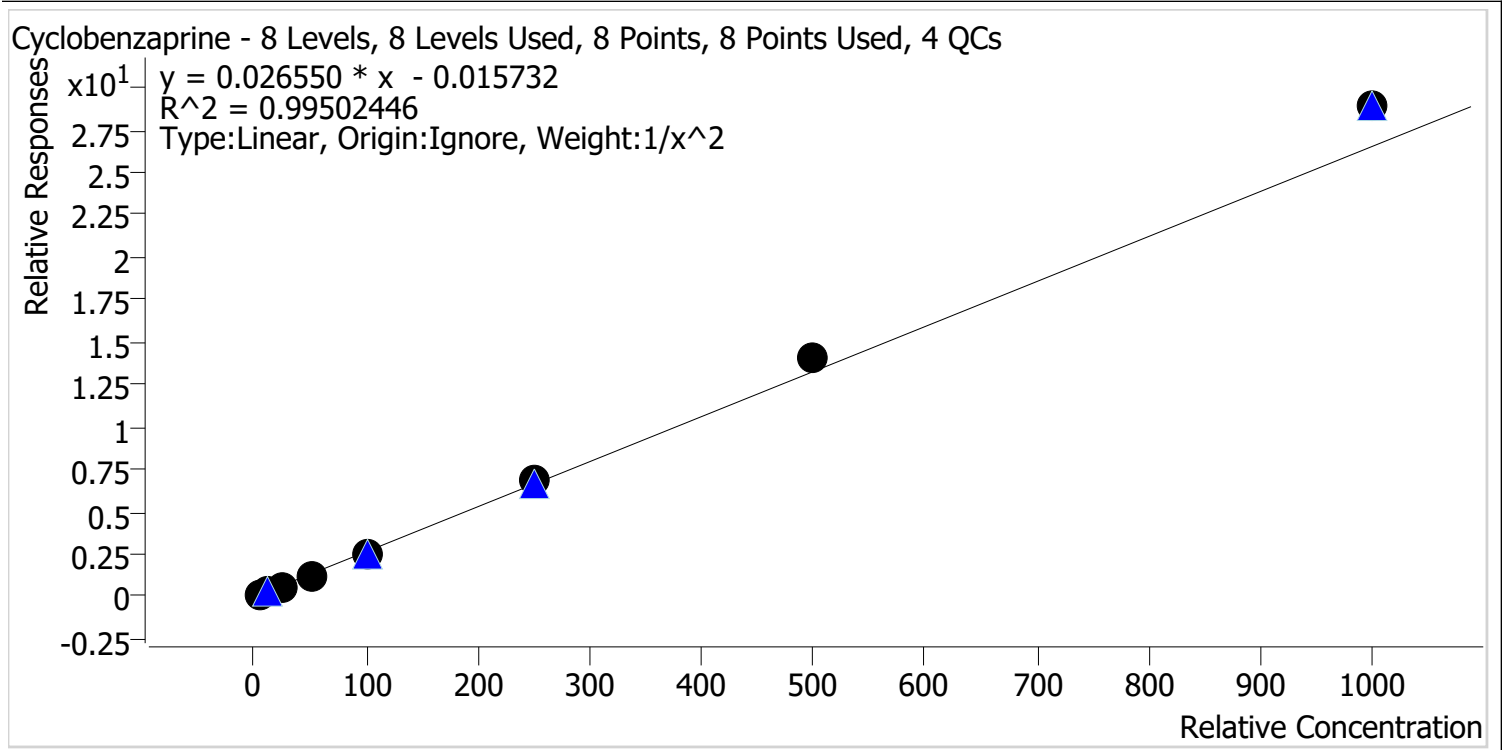
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng	5	✓	100.0	110.9	110.9
p1 Cal 6-250ng	6	✓	250.0	245.6	98.2
p1 Cal 7-500ng	7	✓	500.0	444.7	88.9
p1 Cal 8-1000ng	8	✓	1000.0	853.2	85.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



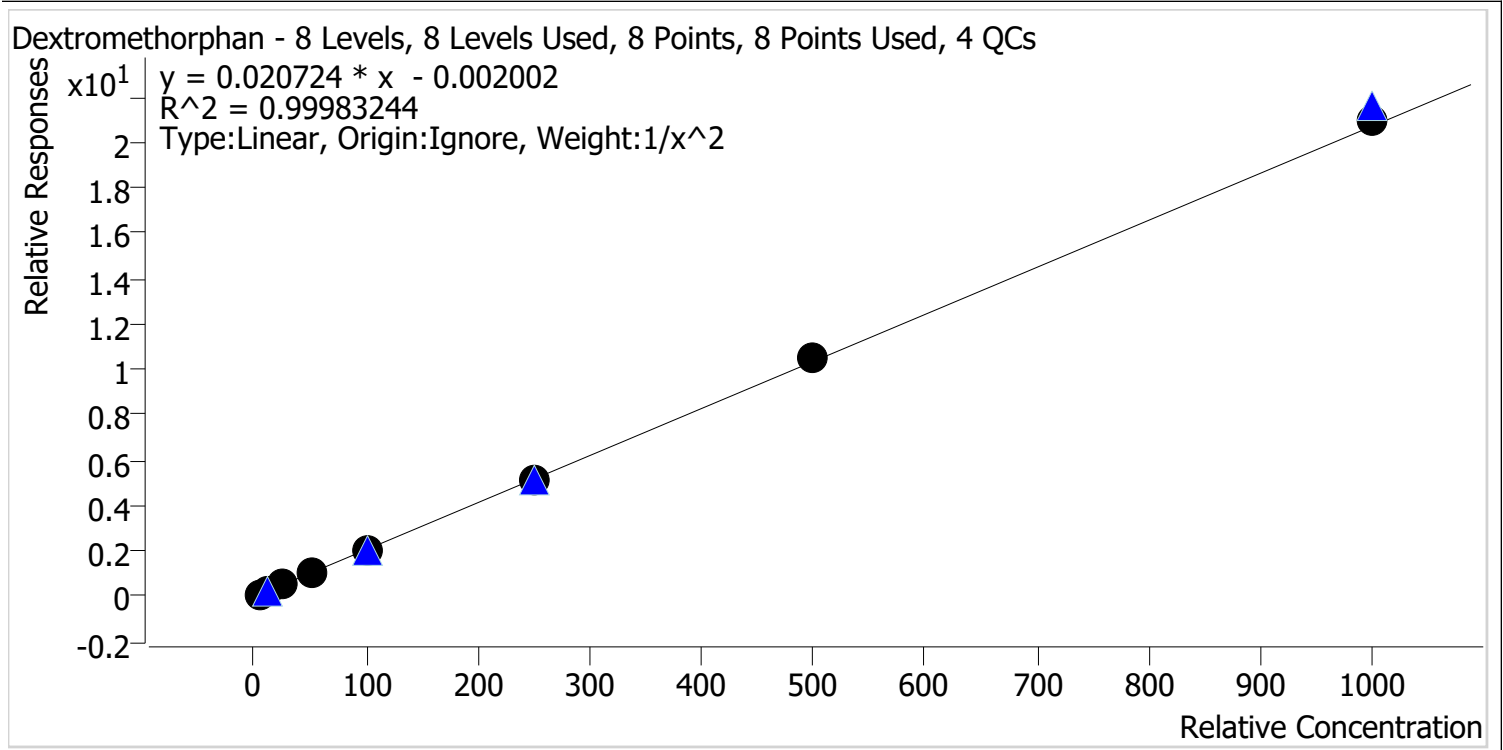
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.4
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	94.7	94.7
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1089.2	108.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

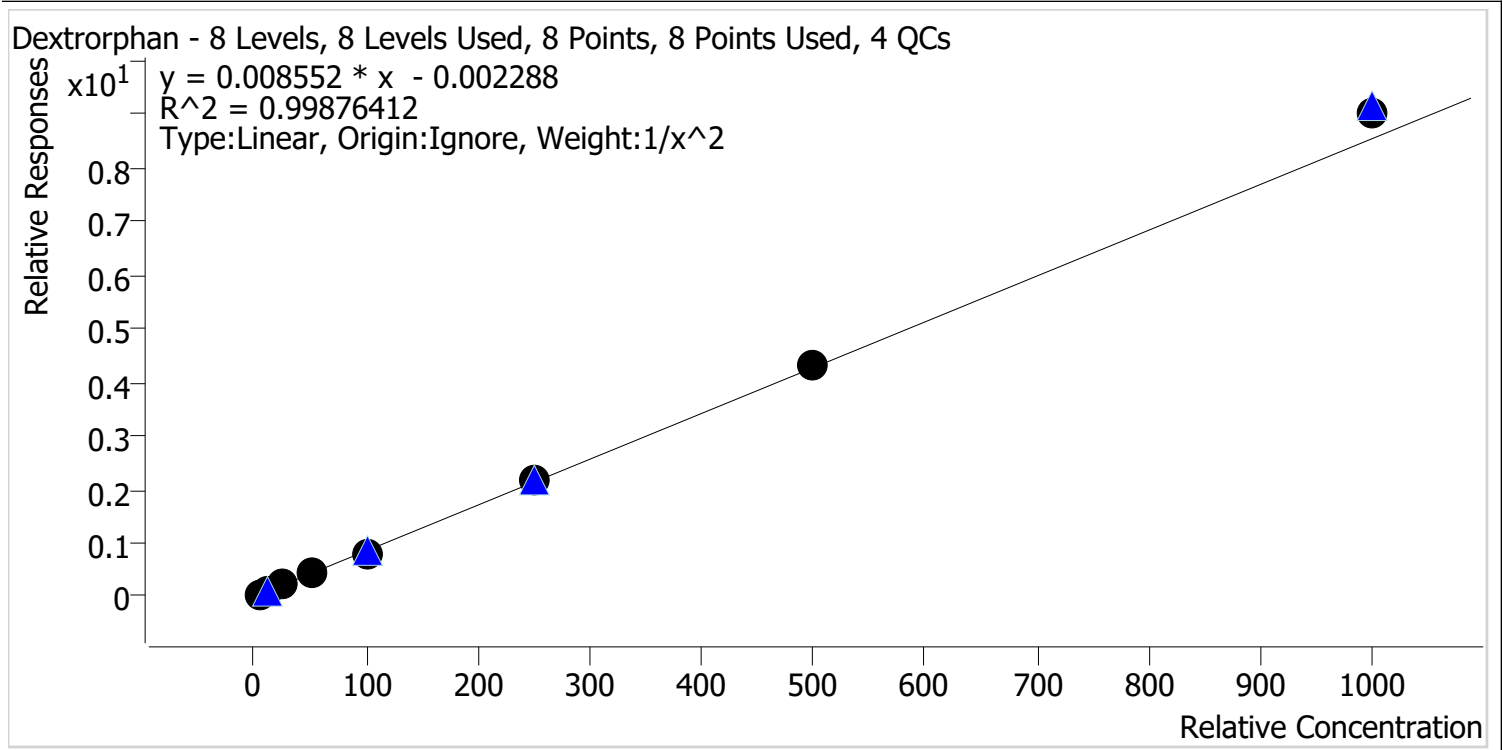


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1015.9	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

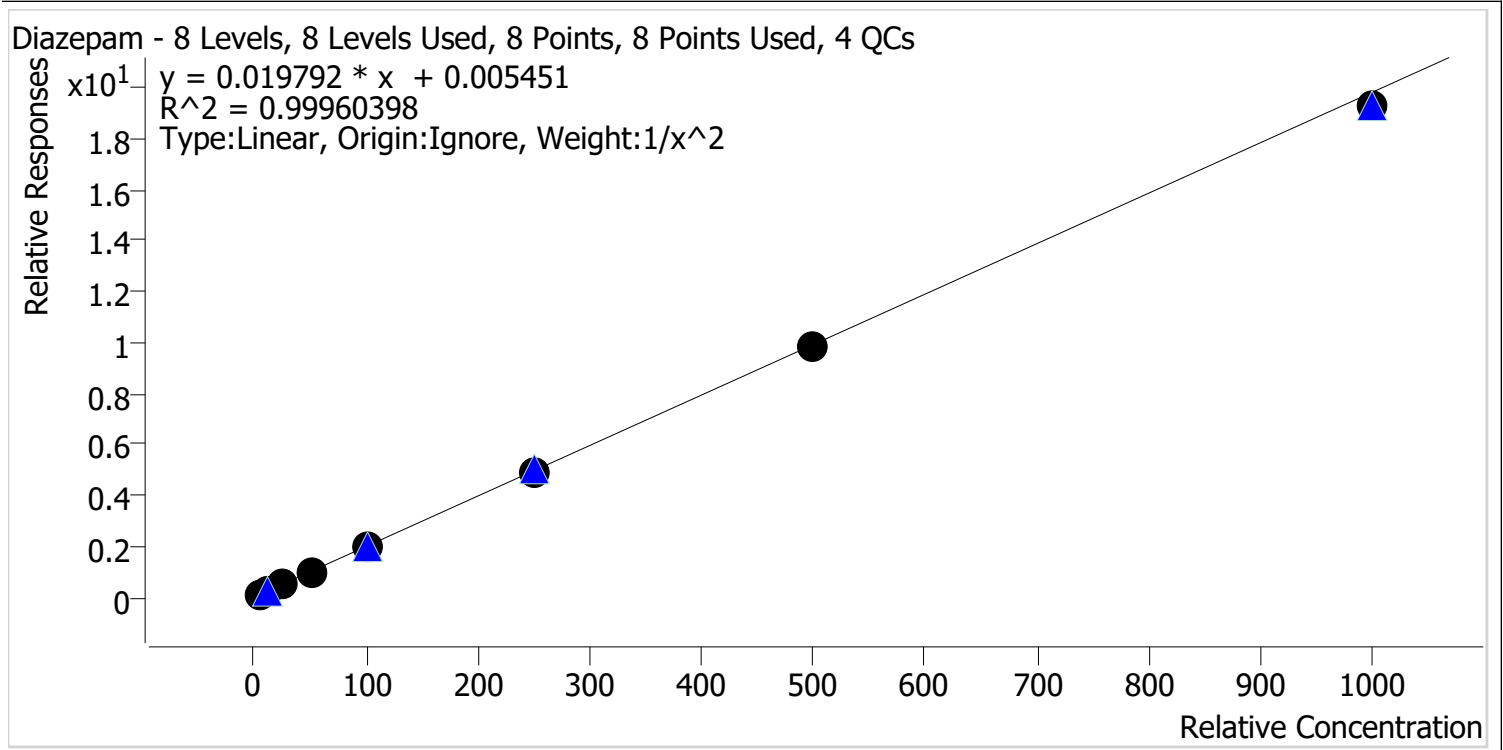


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	508.2	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1056.3	105.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

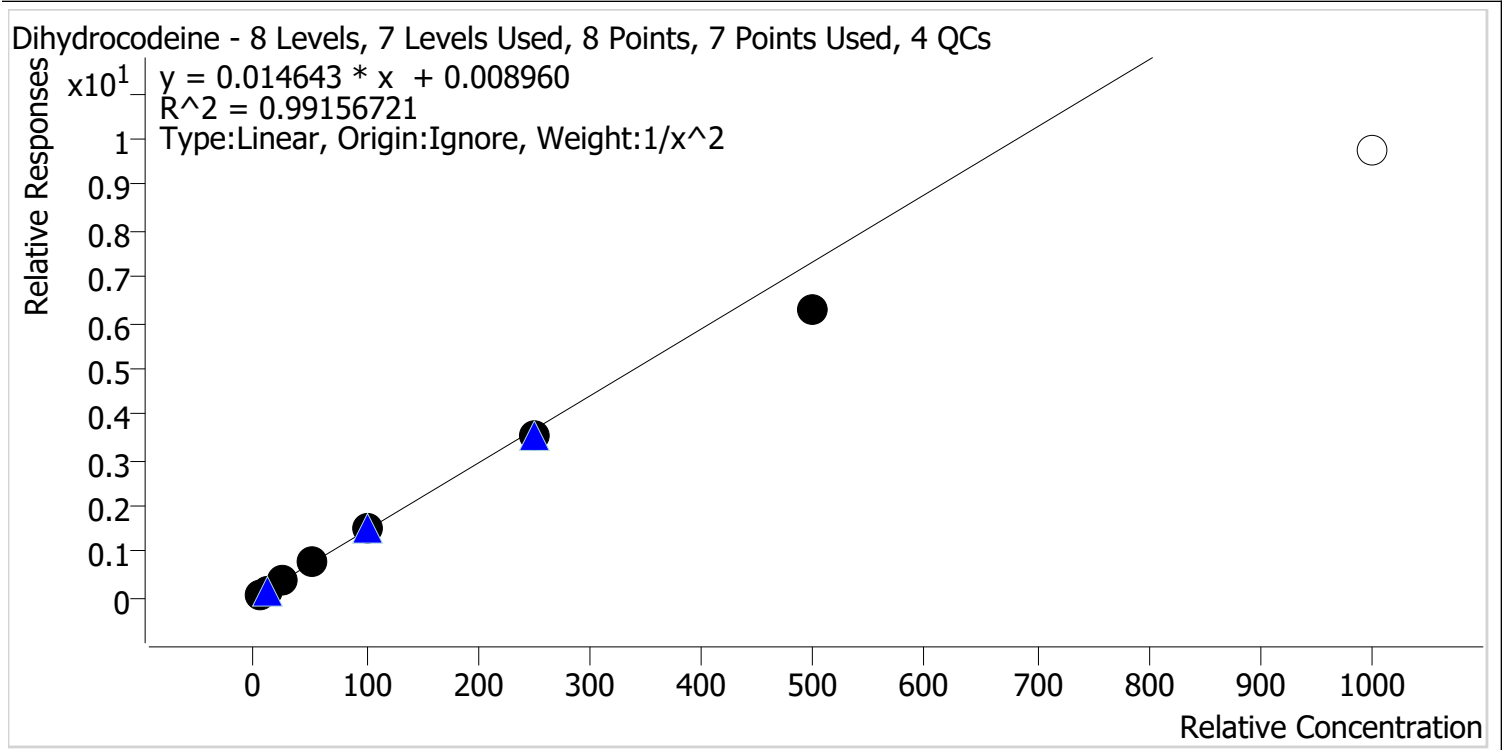


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	494.0	98.8
p1 Cal 8-1000ng	8	✓	1000.0	971.9	97.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



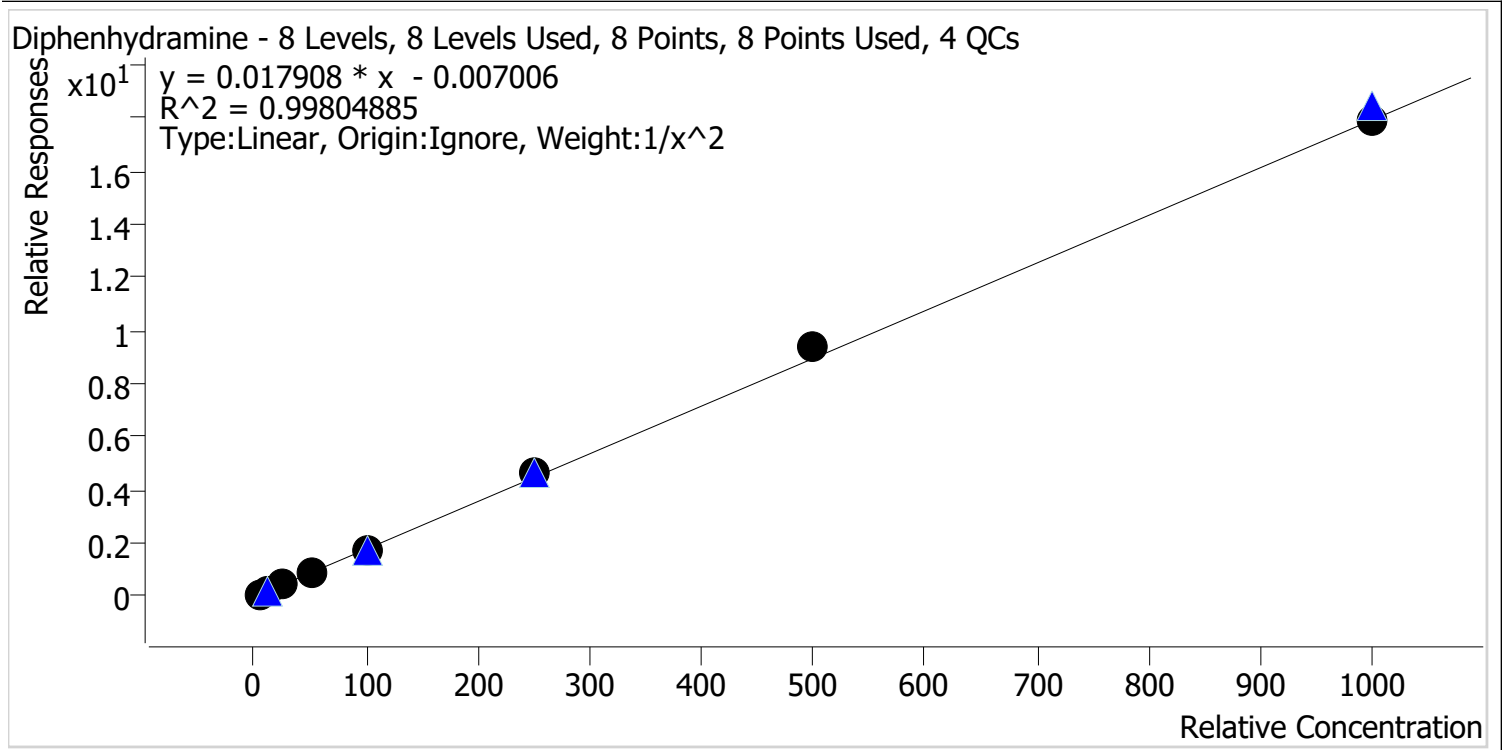
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	54.4	108.8
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
p1 Cal 7-500ng	7	✓	500.0	430.0	86.0
p1 Cal 8-1000ng	8	x	1000.0	667.1	66.7

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

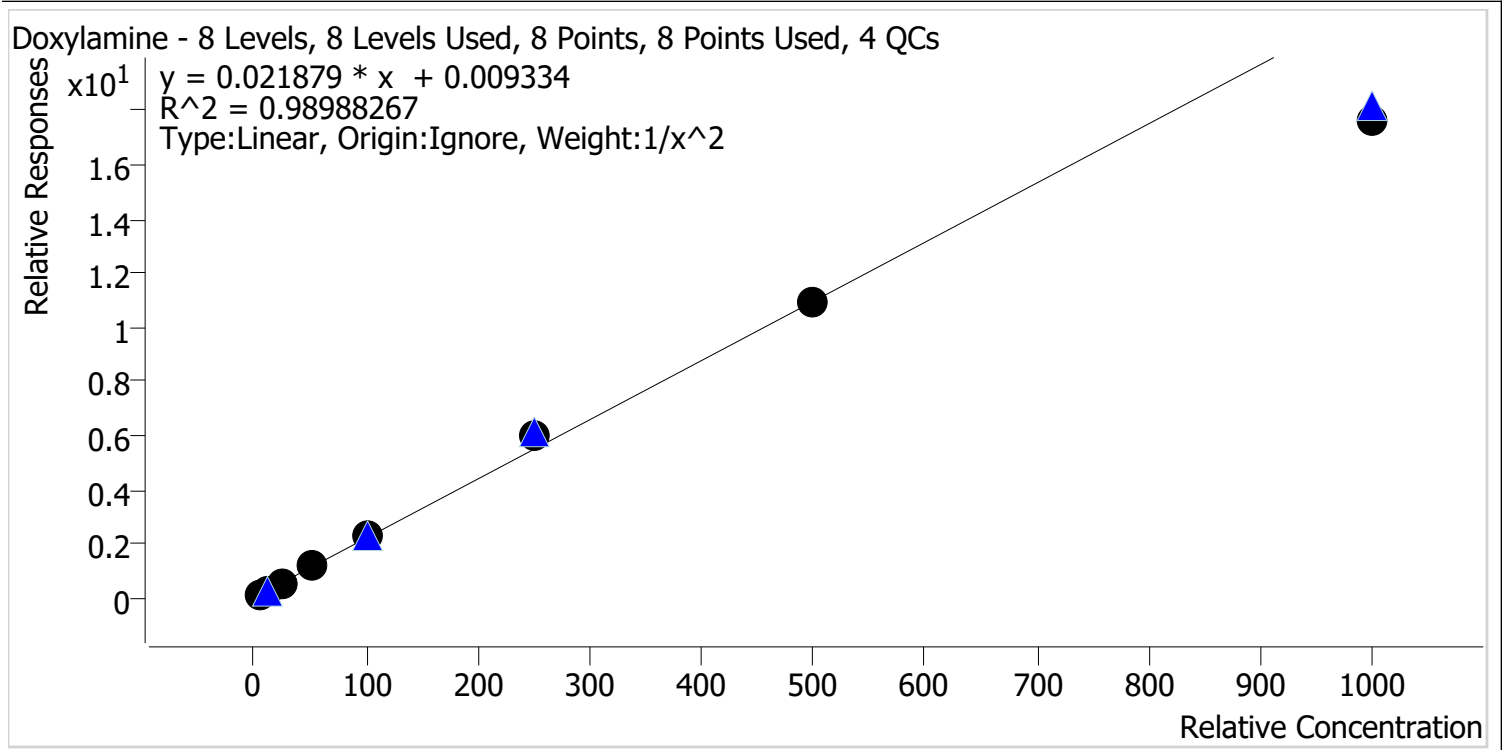


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	263.2	105.3
p1 Cal 7-500ng	7	✓	500.0	522.5	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1000.5	100.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

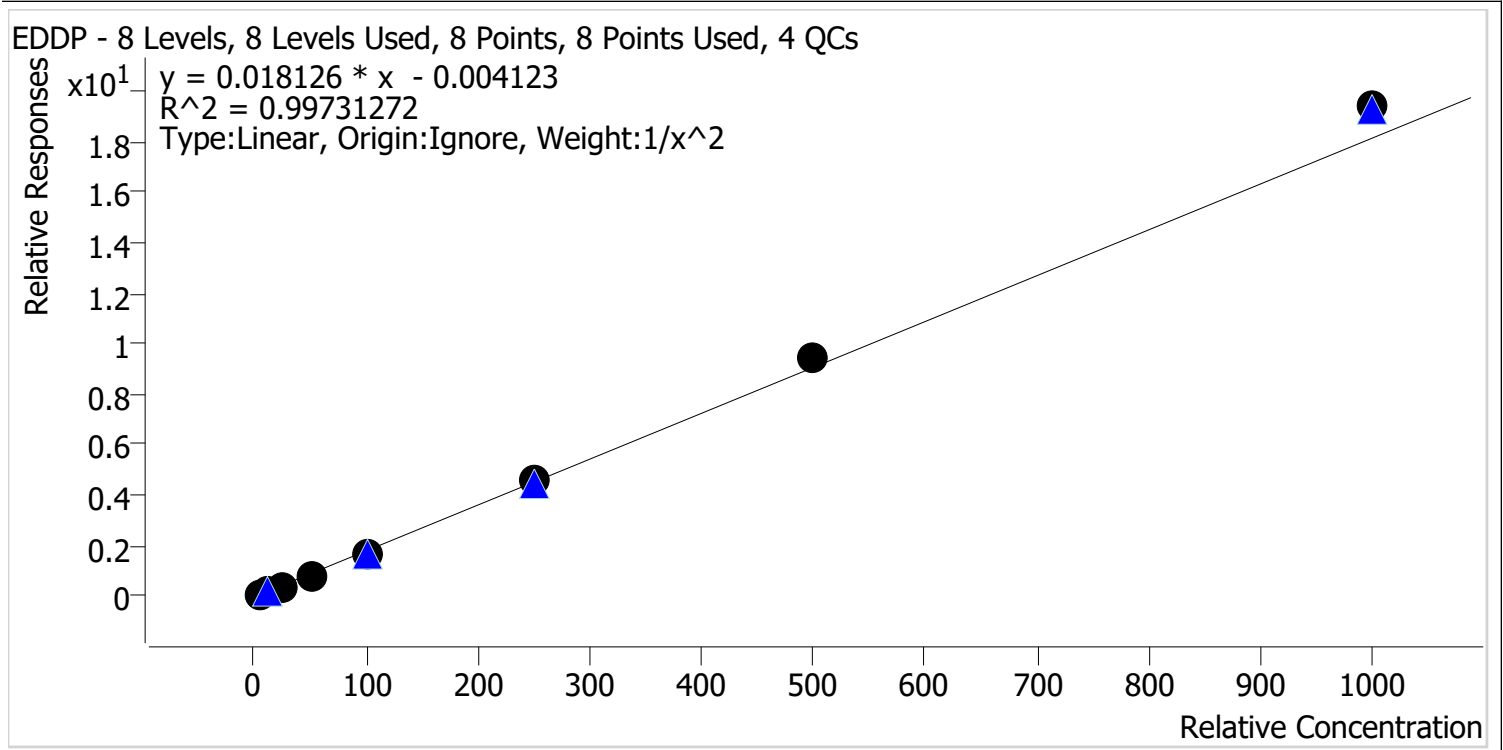


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	275.0	110.0
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	804.2	80.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

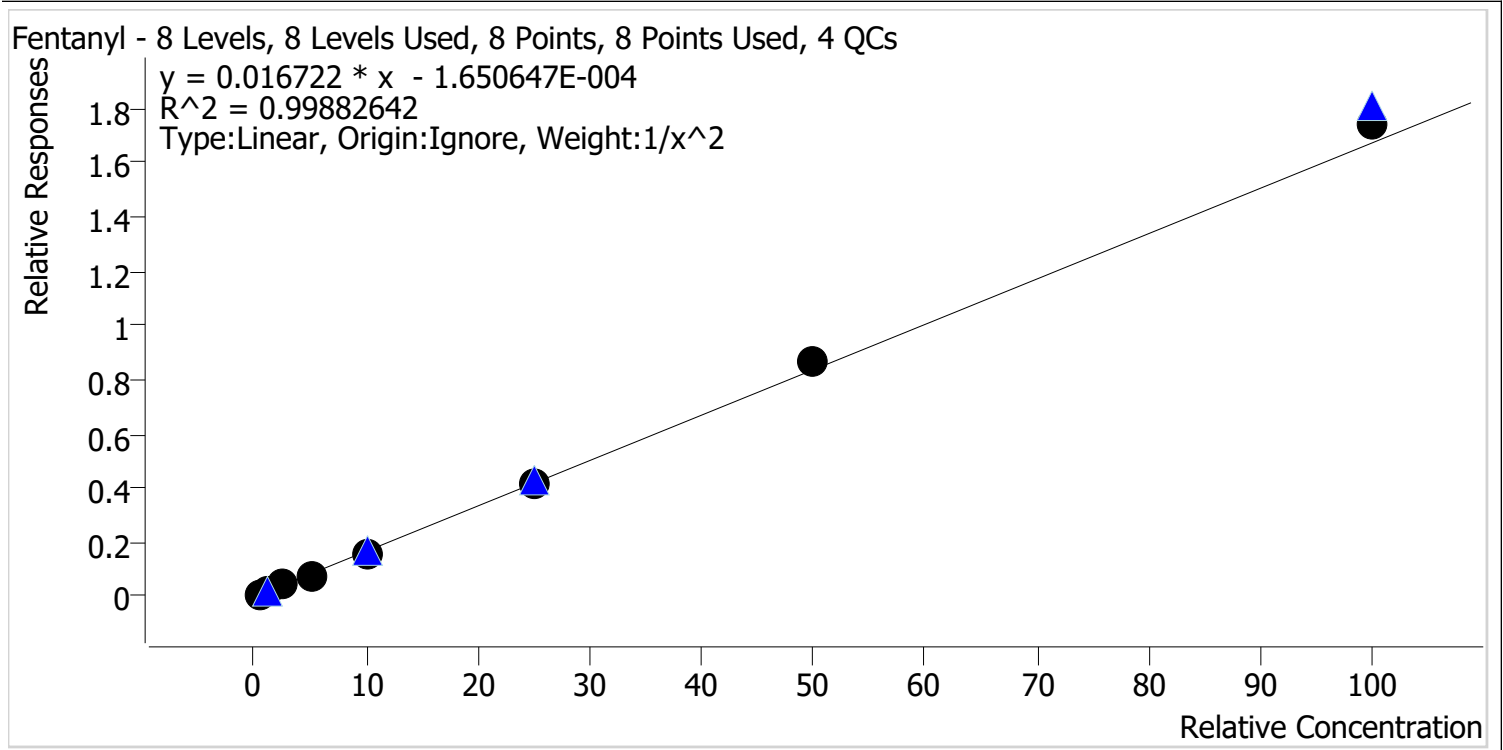


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	522.5	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1069.5	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

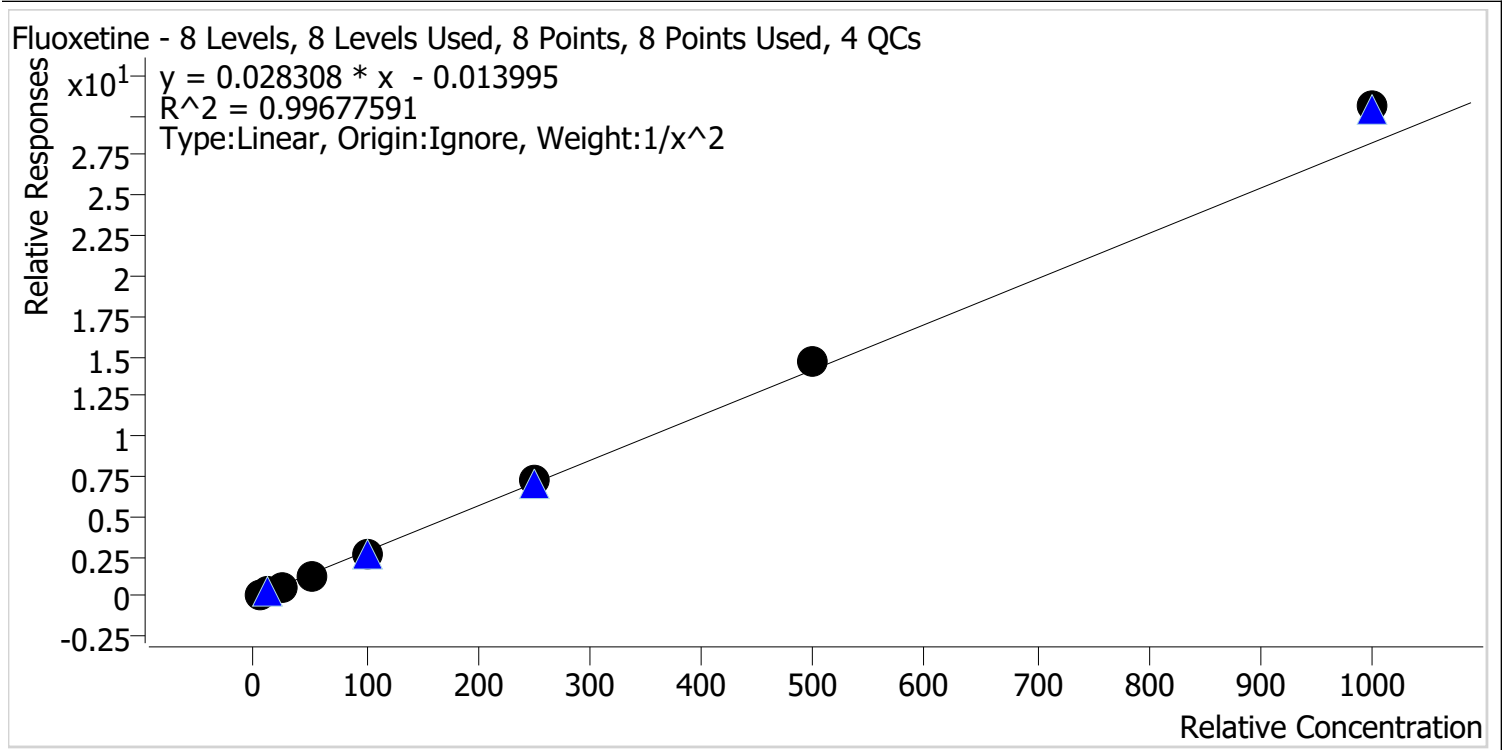


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.7
p1 Cal 4-50ng	4	✓	5.0	4.8	96.3
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	25.3	101.1
p1 Cal 7-500ng	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng	8	✓	100.0	104.1	104.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

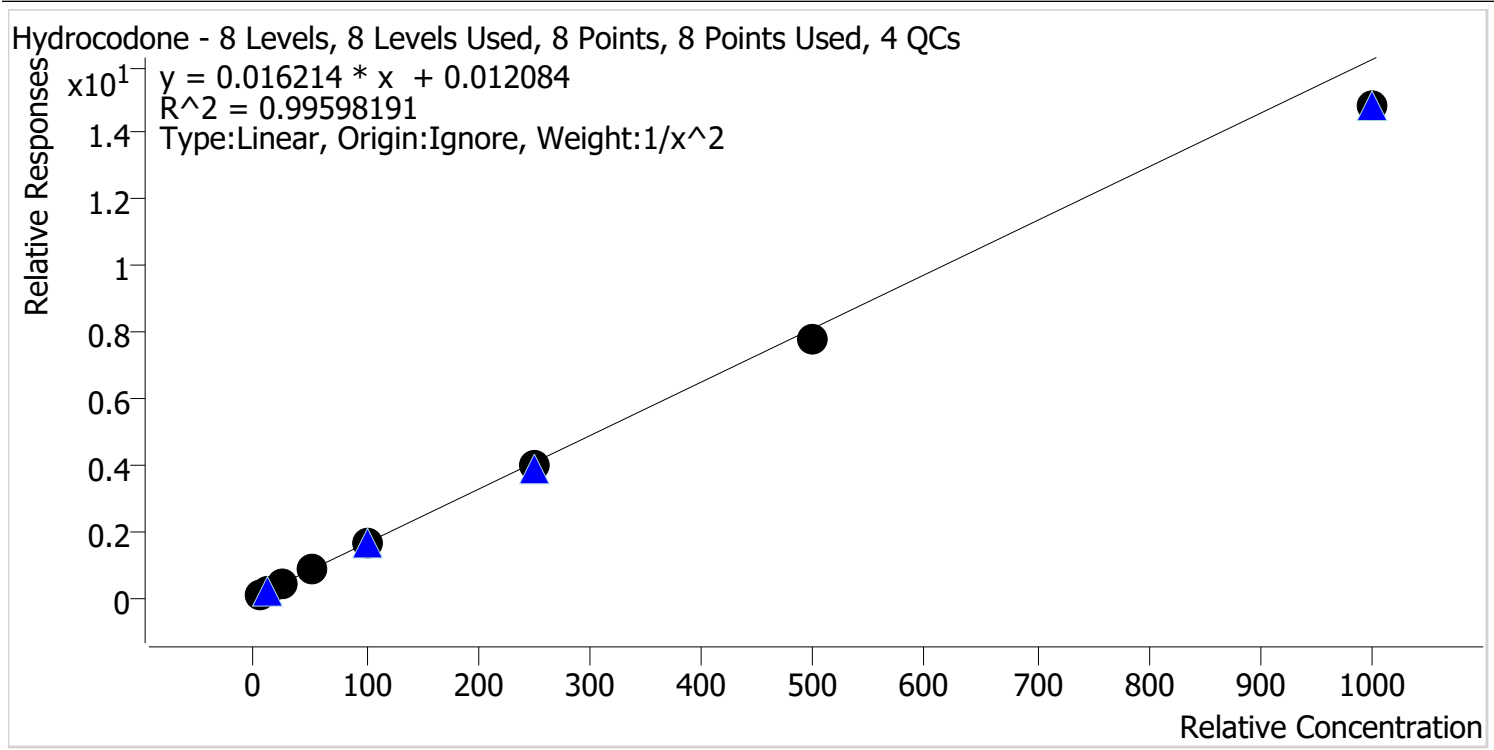


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	520.3	104.1
p1 Cal 8-1000ng	8	✓	1000.0	1080.5	108.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

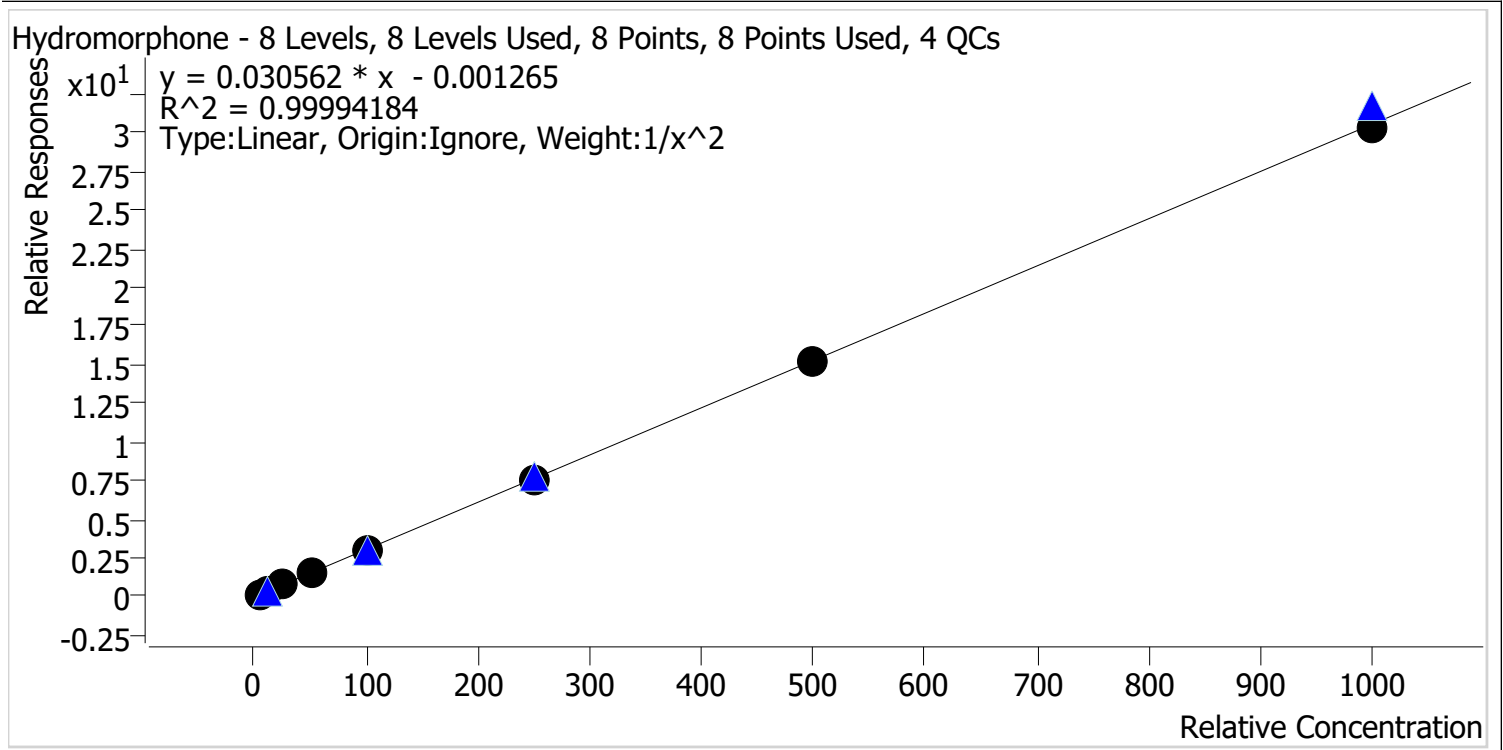


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.7	106.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	481.6	96.3
p1 Cal 8-1000ng	8	✓	1000.0	912.6	91.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

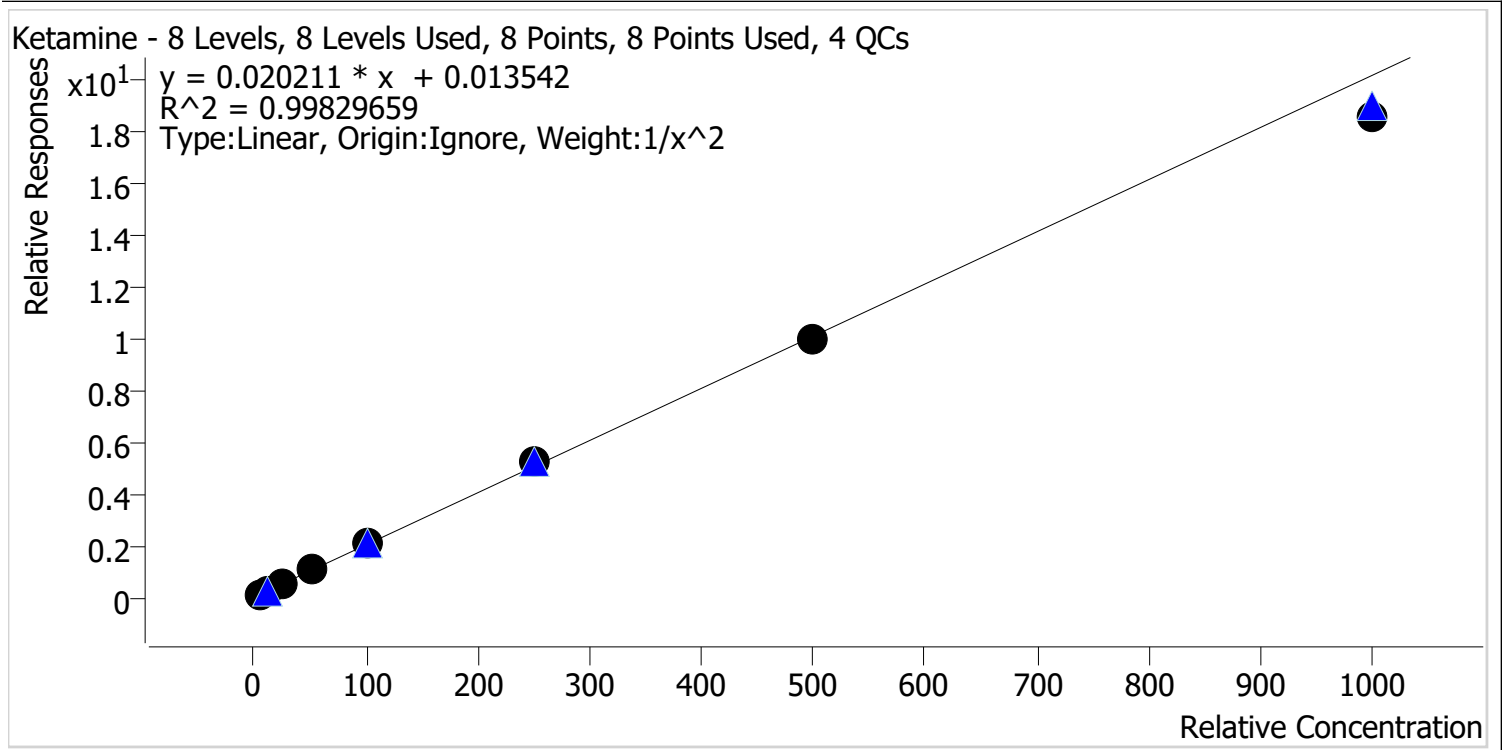


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	49.9	99.8
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	500.6	100.1
p1 Cal 8-1000ng	8	✓	1000.0	992.5	99.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



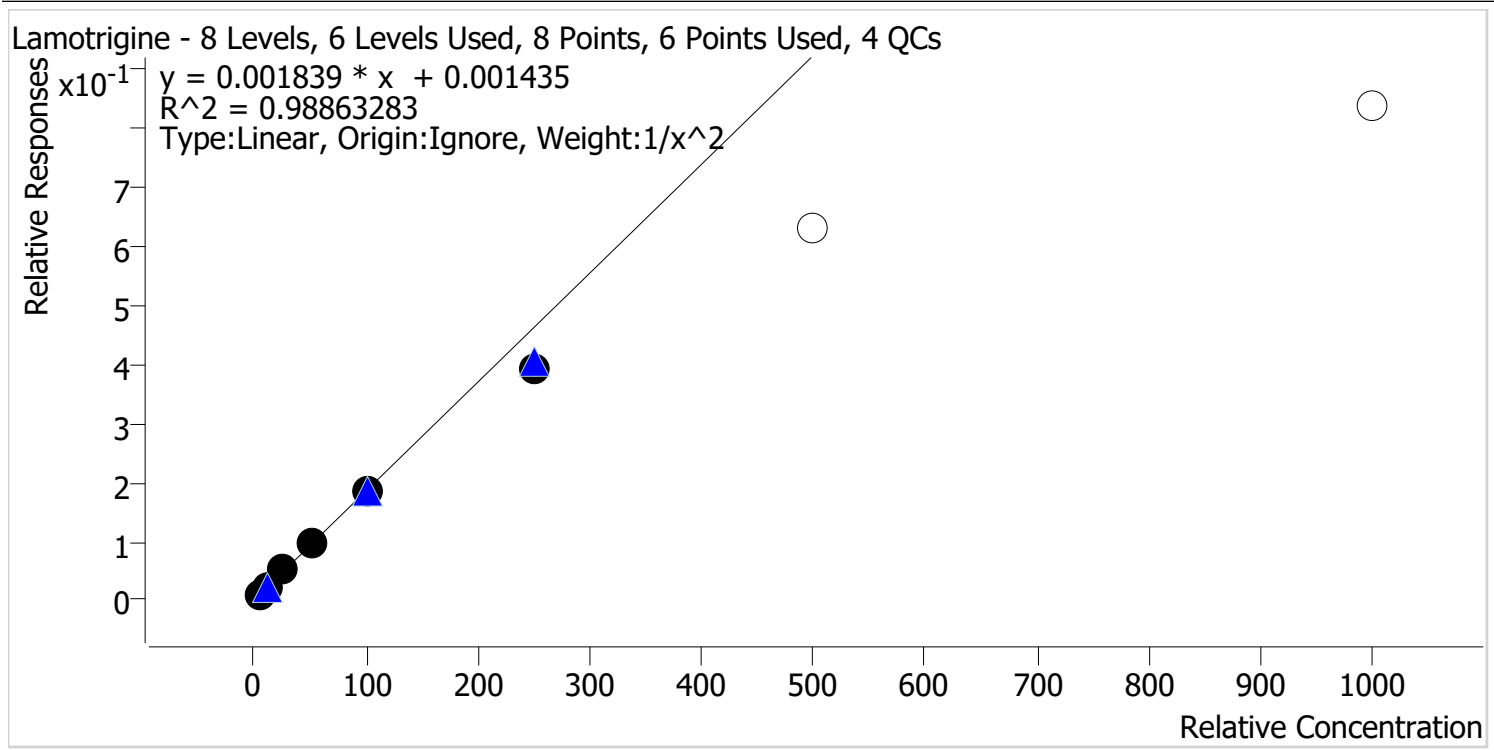
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	257.6	103.0
p1 Cal 7-500ng	7	✓	500.0	495.8	99.2
p1 Cal 8-1000ng	8	✓	1000.0	920.4	92.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



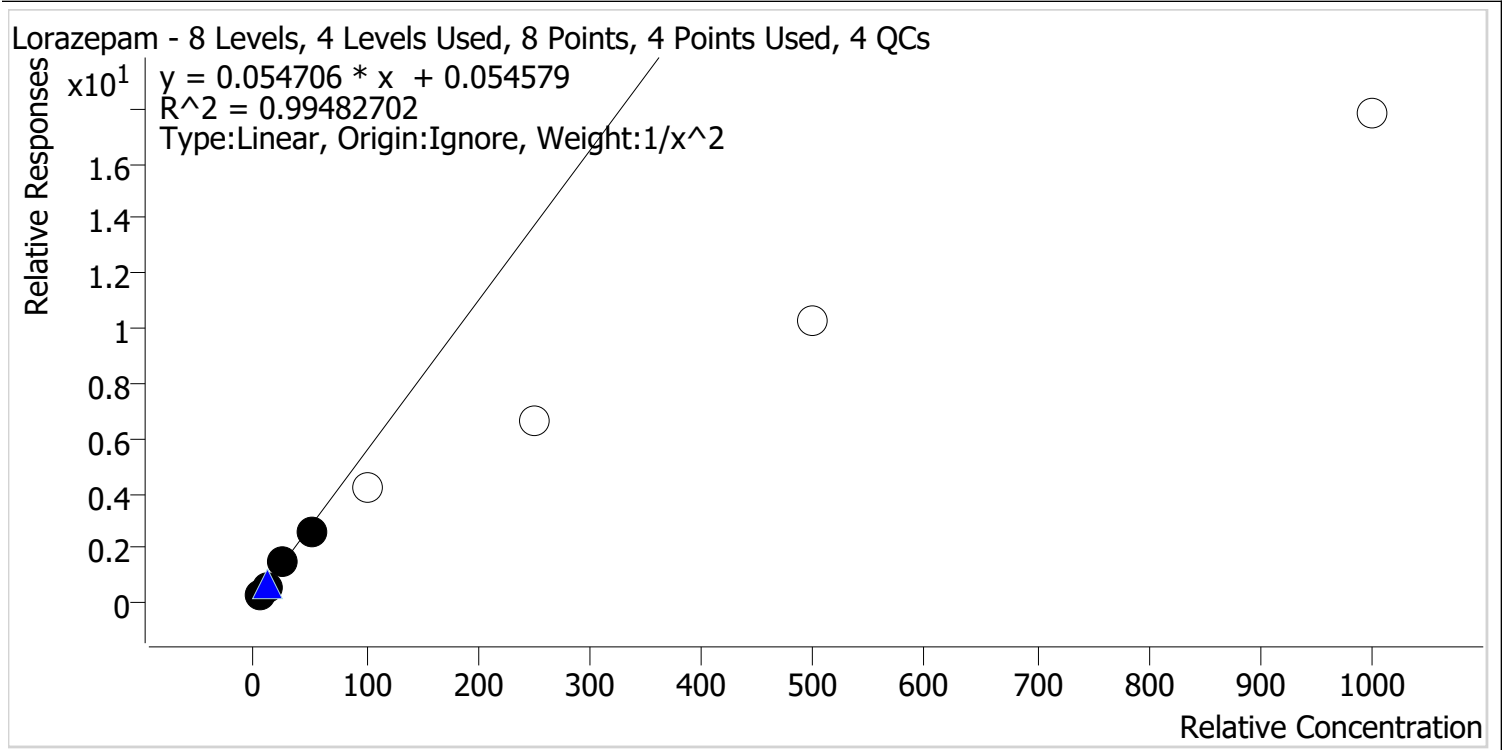
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.1
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	212.0	84.8
p1 Cal 7-500ng	7	x	500.0	339.9	68.0
p1 Cal 8-1000ng	8	x	1000.0	453.3	45.3

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



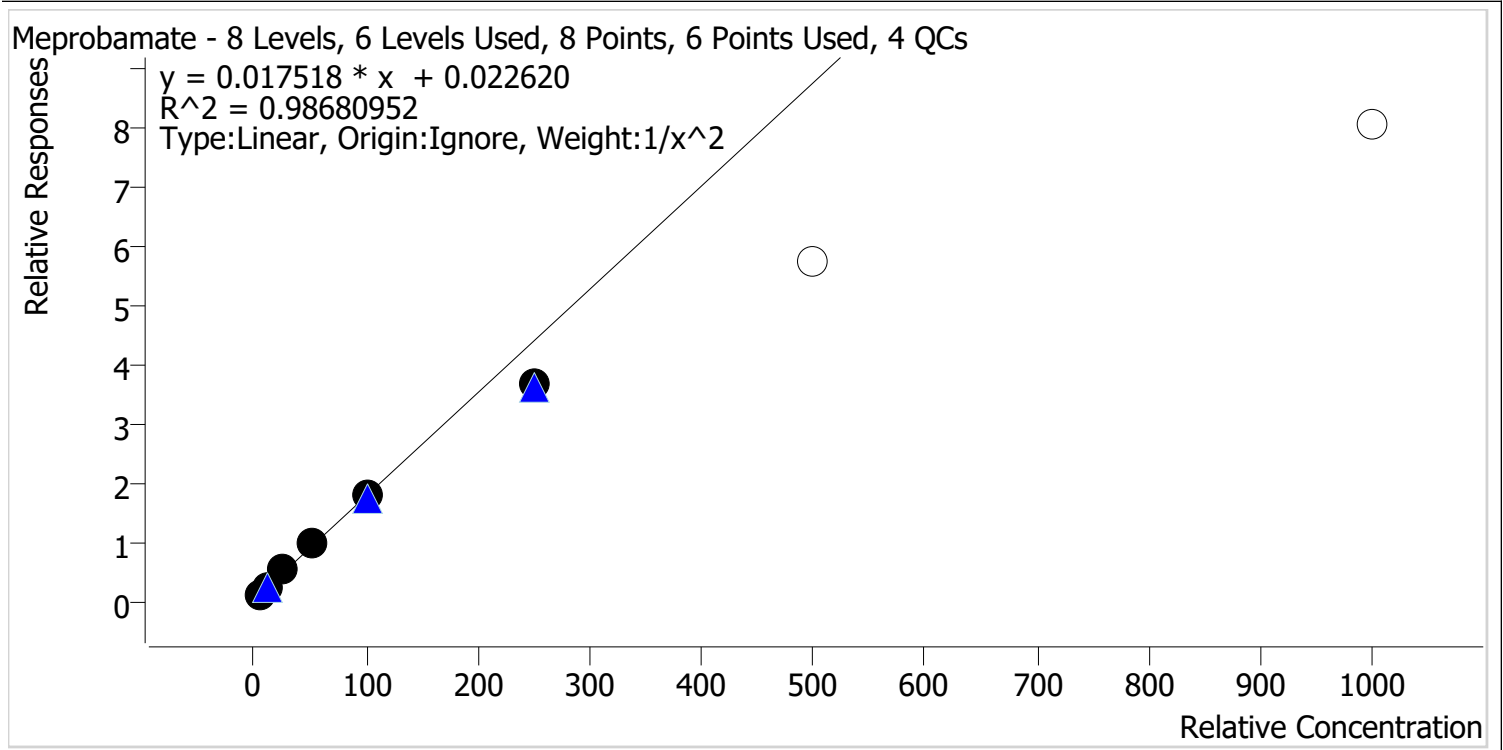
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	47.2	94.3
p1 Cal 5-100ng	5	✗	100.0	75.9	75.9
p1 Cal 6-250ng	6	✗	250.0	121.0	48.4
p1 Cal 7-500ng	7	✗	500.0	186.1	37.2
p1 Cal 8-1000ng	8	✗	1000.0	325.4	32.5

Calibrators 5, 6, 7, and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



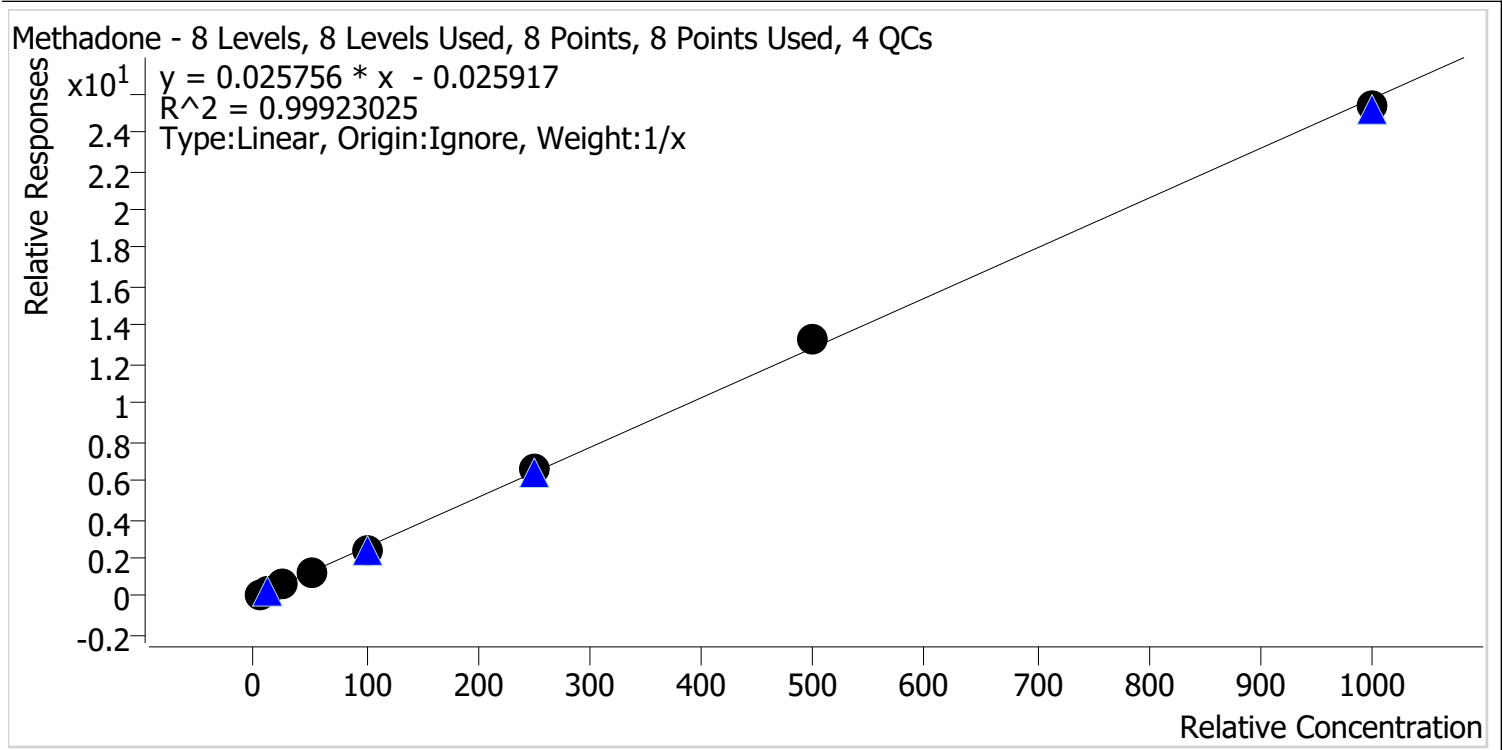
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.3
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	210.0	84.0
p1 Cal 7-500ng	7	✗	500.0	328.0	65.6
p1 Cal 8-1000ng	8	✗	1000.0	461.0	46.1

Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



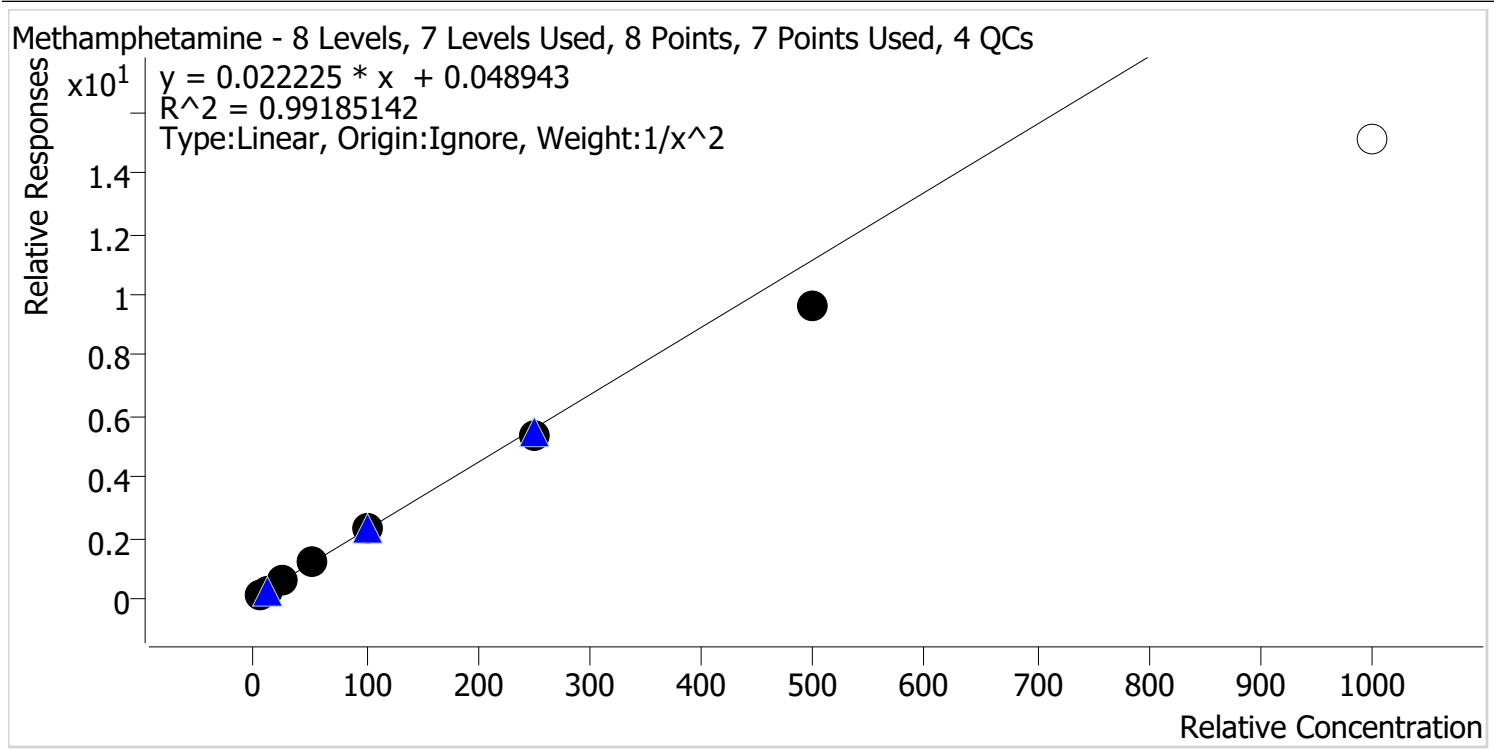
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.3
p1 Cal 4-50ng	4	✓	50.0	46.7	93.5
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	516.8	103.4
p1 Cal 8-1000ng	8	✓	1000.0	984.5	98.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



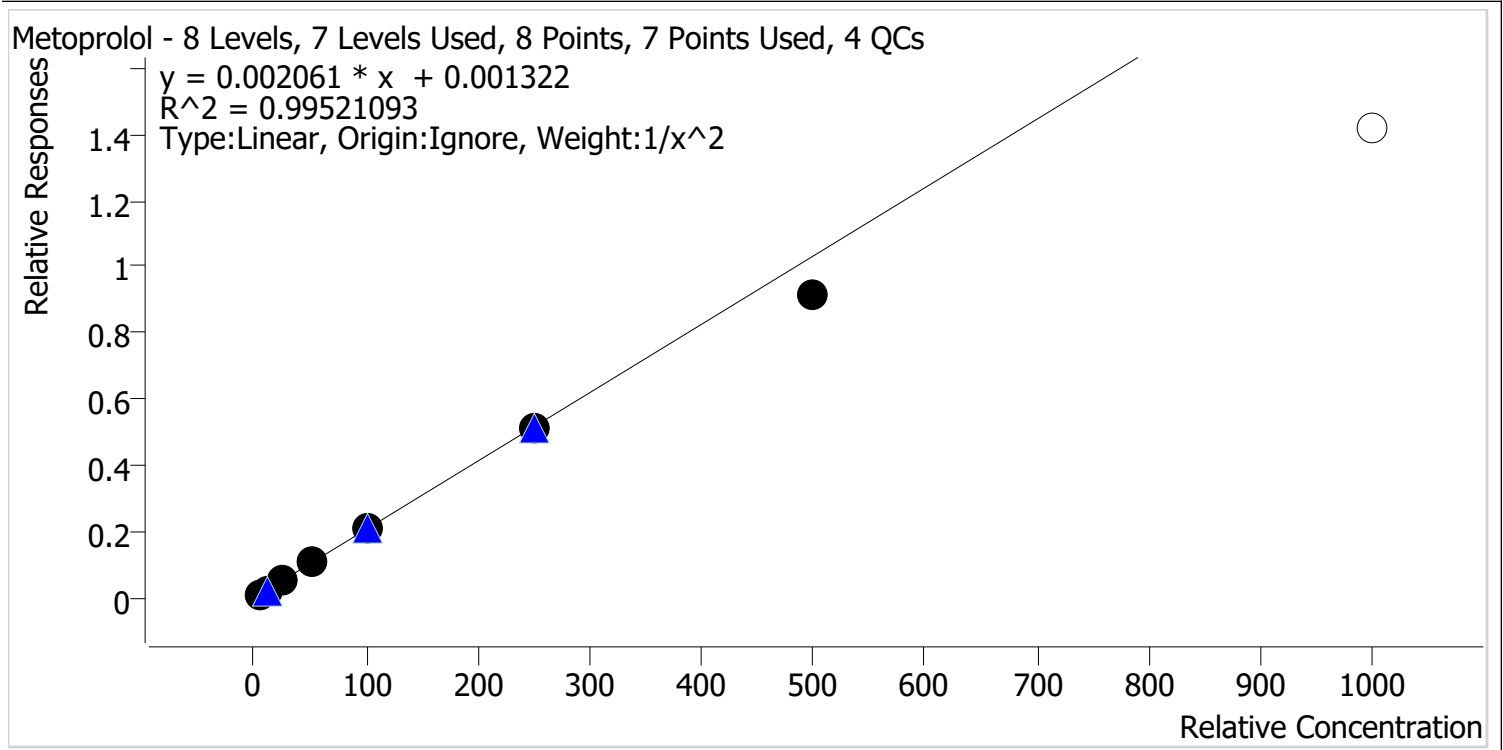
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	241.2	96.5
p1 Cal 7-500ng	7	✓	500.0	431.2	86.2
p1 Cal 8-1000ng	8	x	1000.0	680.5	68.0

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



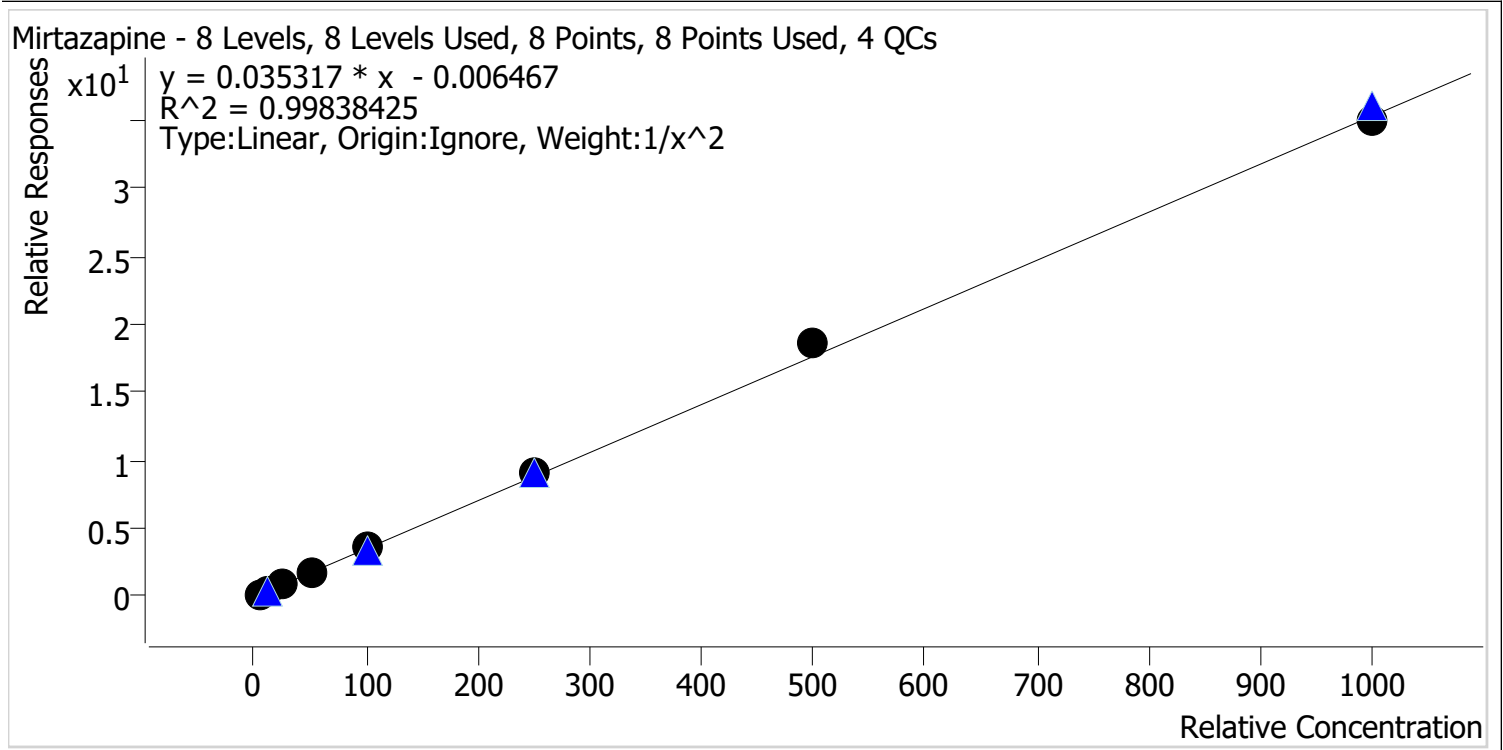
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	248.2	99.3
p1 Cal 7-500ng	7	✓	500.0	441.9	88.4
p1 Cal 8-1000ng	8	x	1000.0	688.5	68.8

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

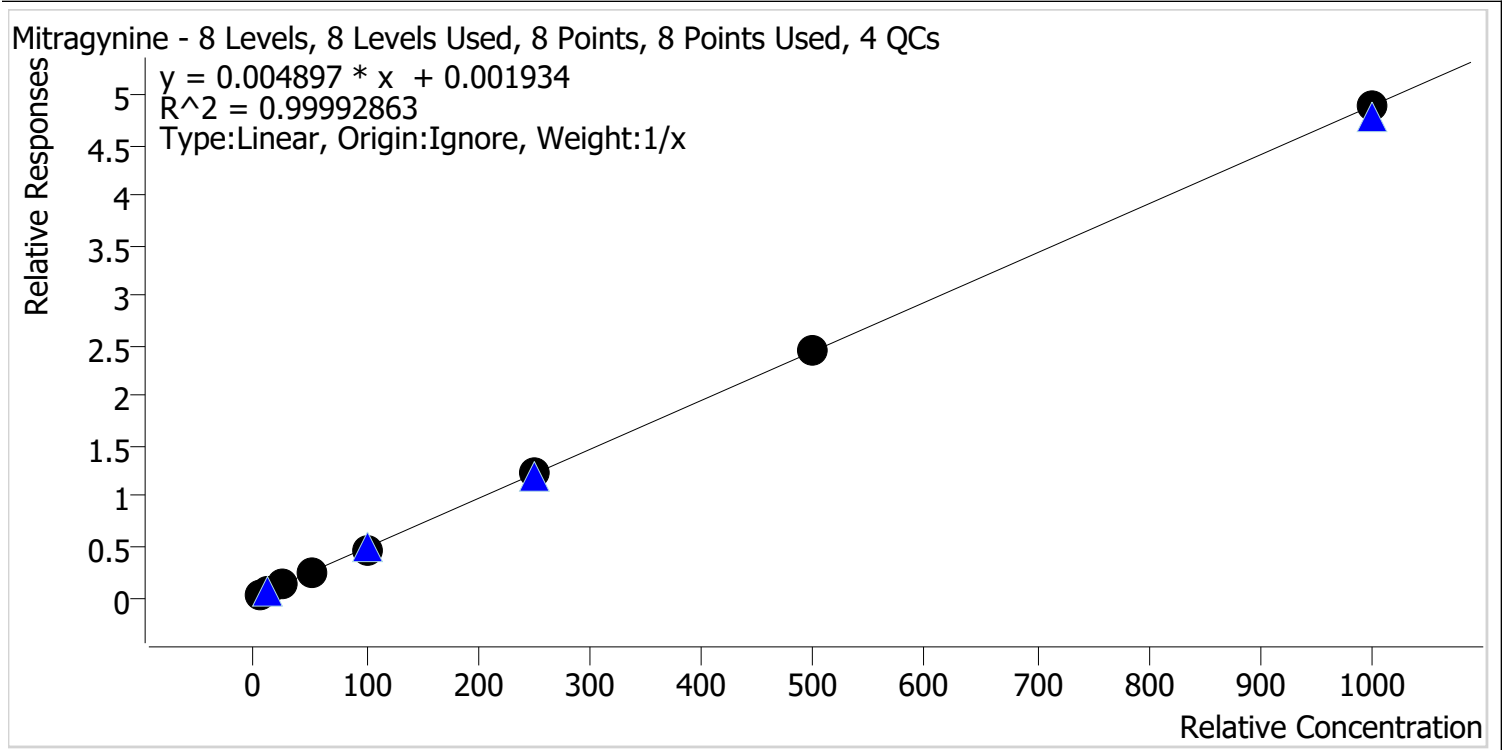


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	526.2	105.2
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

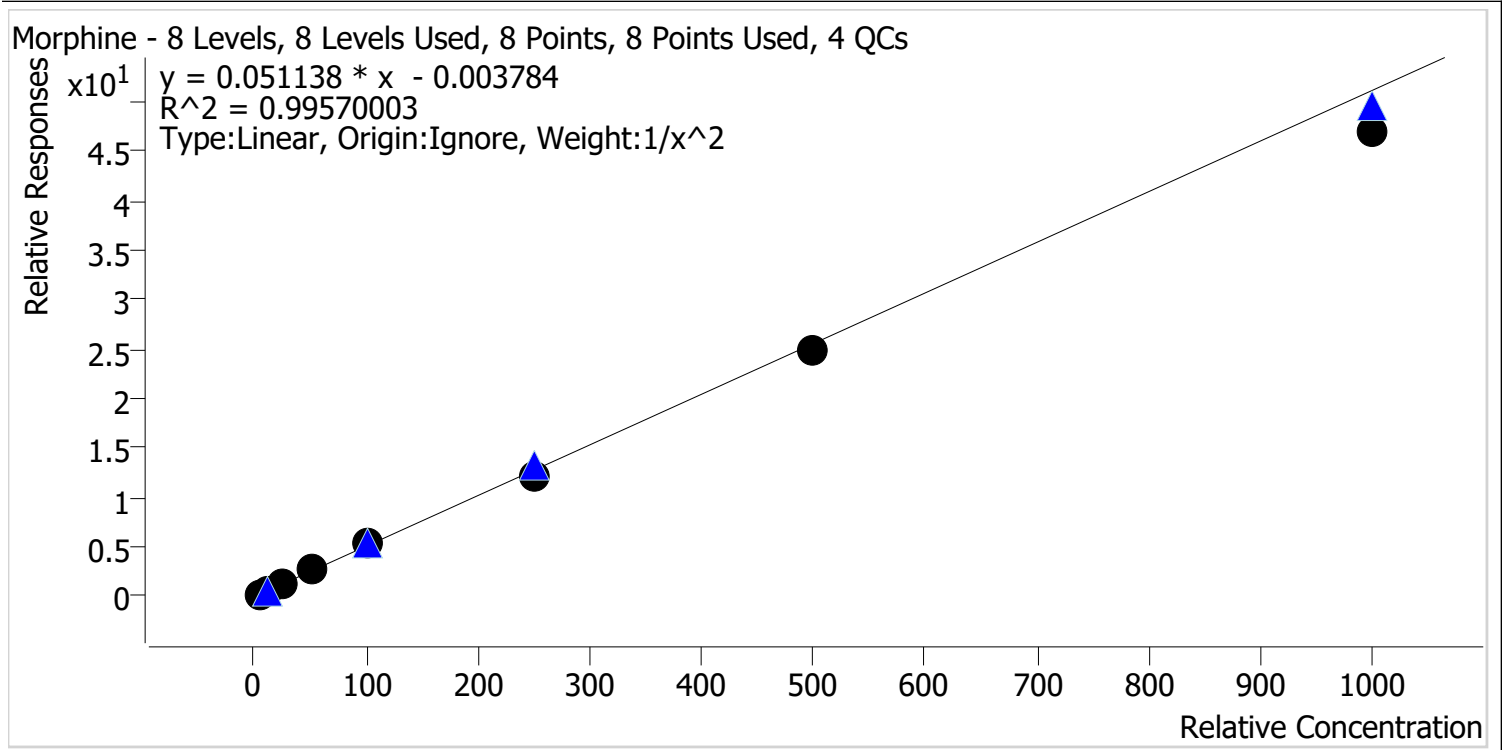


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	500.2	100.0
p1 Cal 8-1000ng	8	✓	1000.0	998.8	99.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6

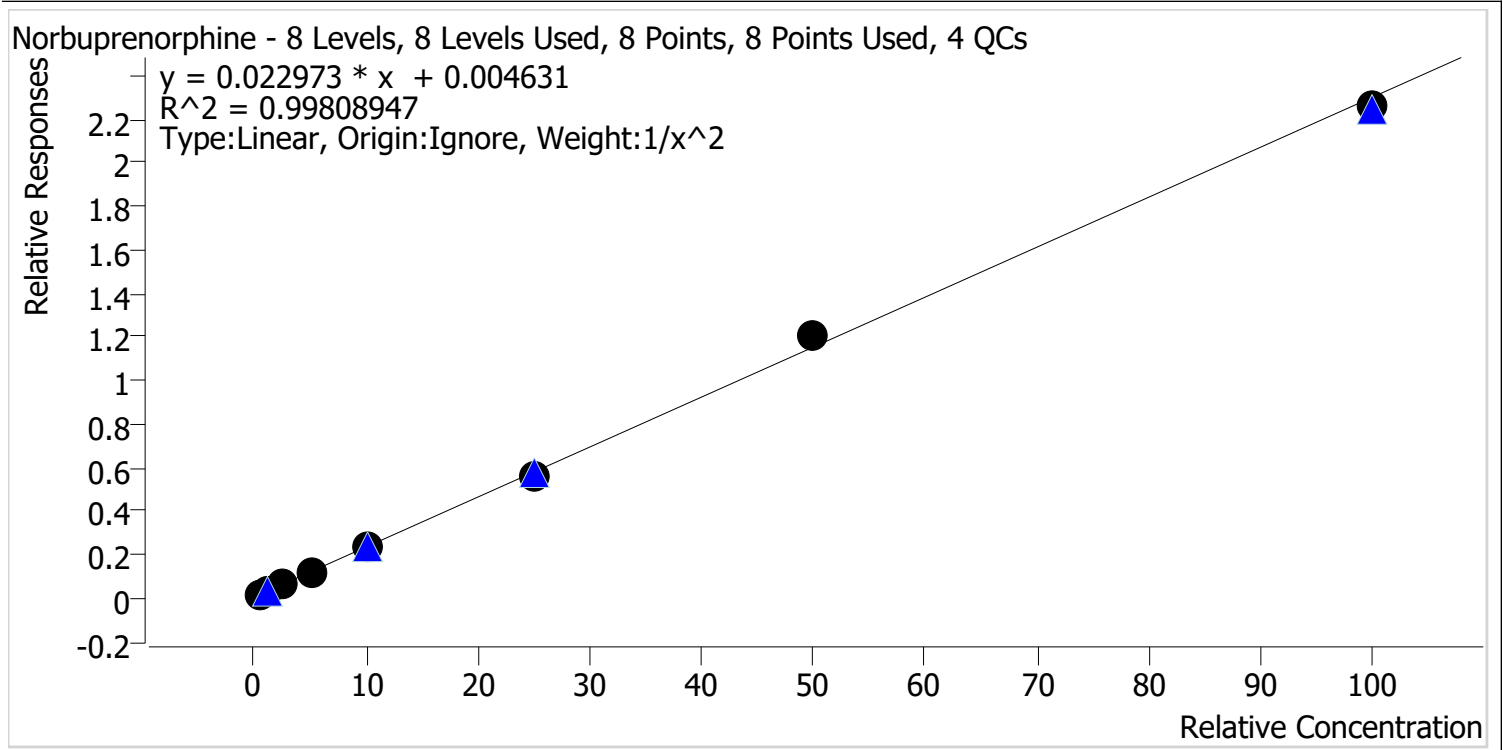


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	109.0	109.0
p1 Cal 6-250ng	6	✓	250.0	234.7	93.9
p1 Cal 7-500ng	7	✓	500.0	489.3	97.9
p1 Cal 8-1000ng	8	✓	1000.0	921.1	92.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

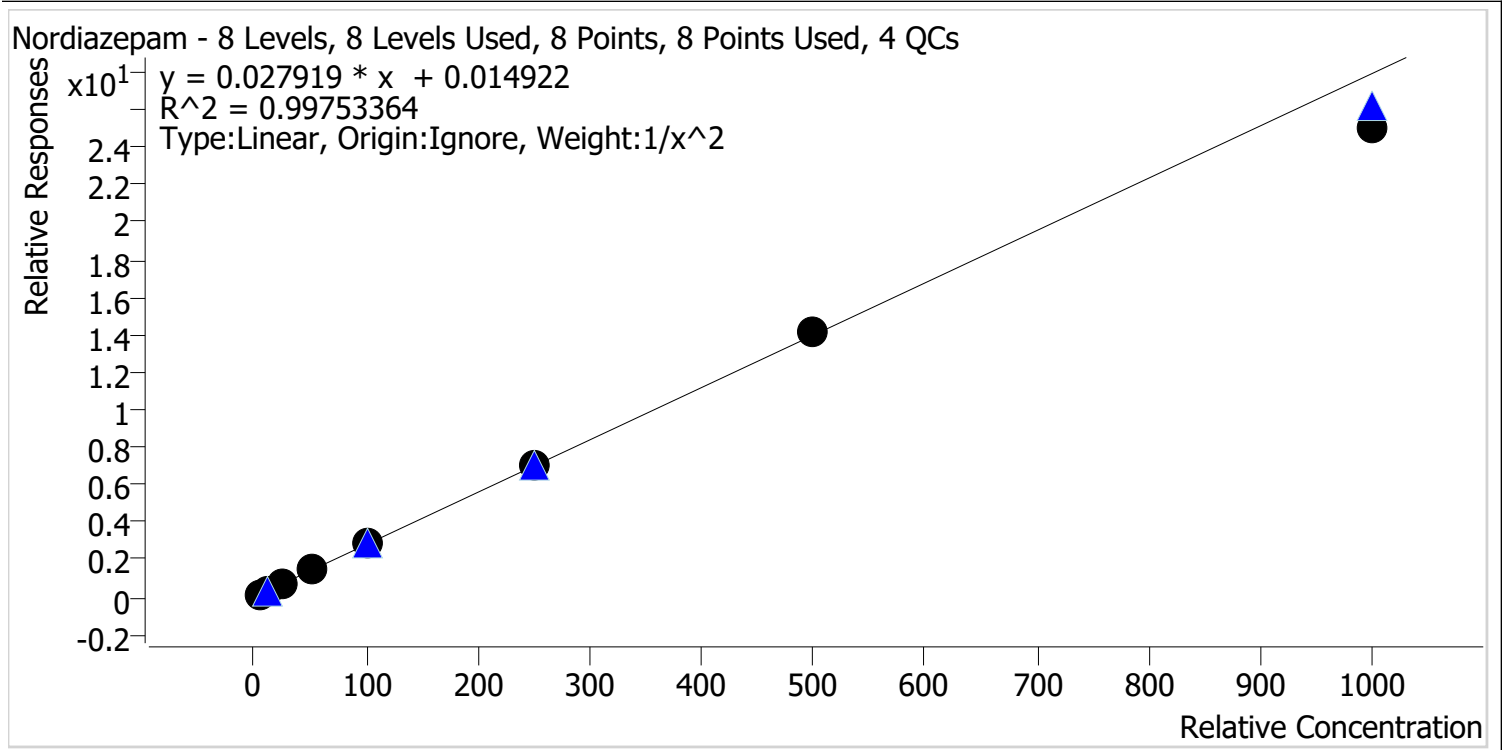


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	0.9	94.7
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.2
p1 Cal 4-50ng	4	✓	5.0	5.0	100.5
p1 Cal 5-100ng	5	✓	10.0	9.8	97.6
p1 Cal 6-250ng	6	✓	25.0	24.3	97.1
p1 Cal 7-500ng	7	✓	50.0	52.5	105.0
p1 Cal 8-1000ng	8	✓	100.0	98.2	98.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



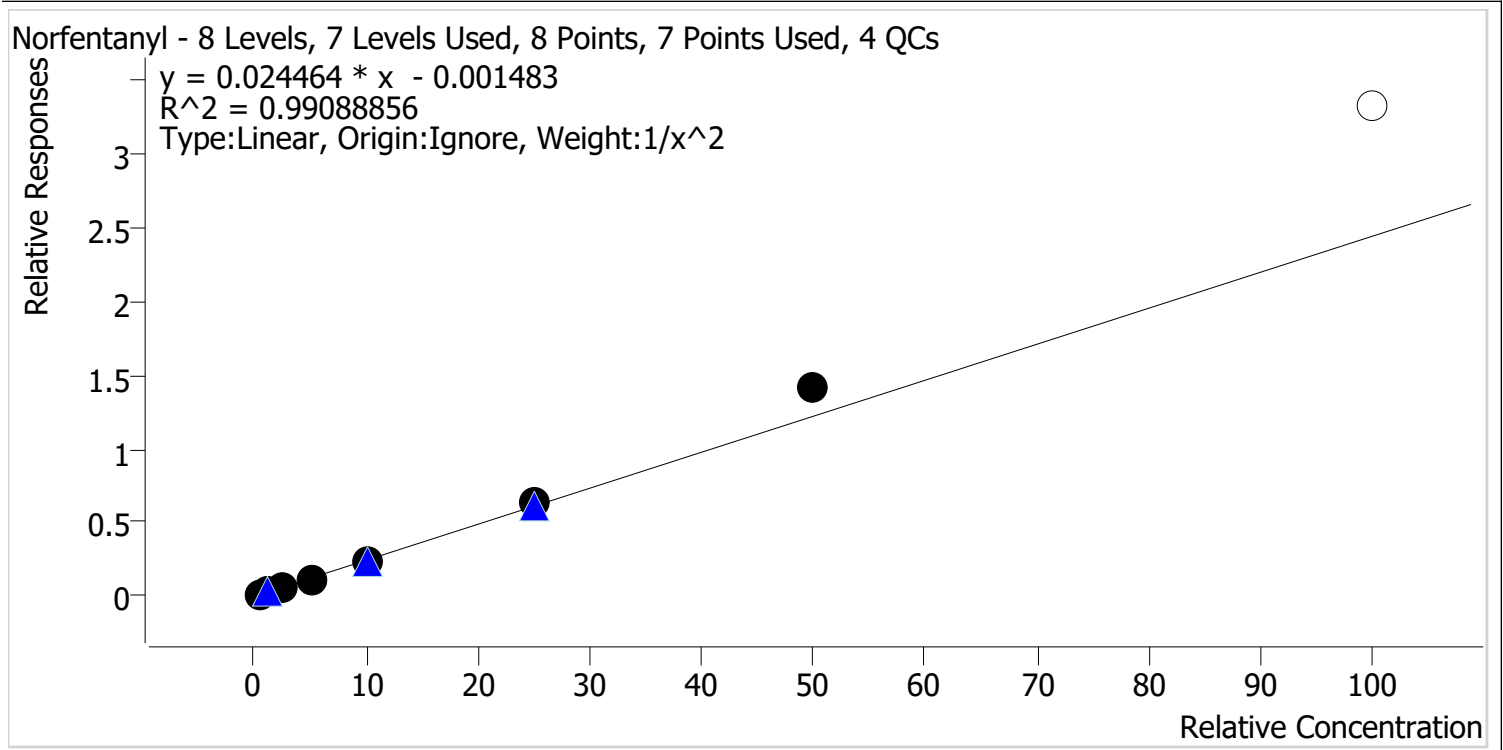
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.7	103.0
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	898.8	89.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	98.3
p1 Cal 3 -25ng	3	✓	2.5	2.3	93.3
p1 Cal 4-50ng	4	✓	5.0	4.6	93.0
p1 Cal 5-100ng	5	✓	10.0	9.4	93.9
p1 Cal 6-250ng	6	✓	25.0	25.7	102.9
p1 Cal 7-500ng	7	✓	50.0	57.8	115.6
p1 Cal 8-1000ng	8	x	100.0	136.1	136.1

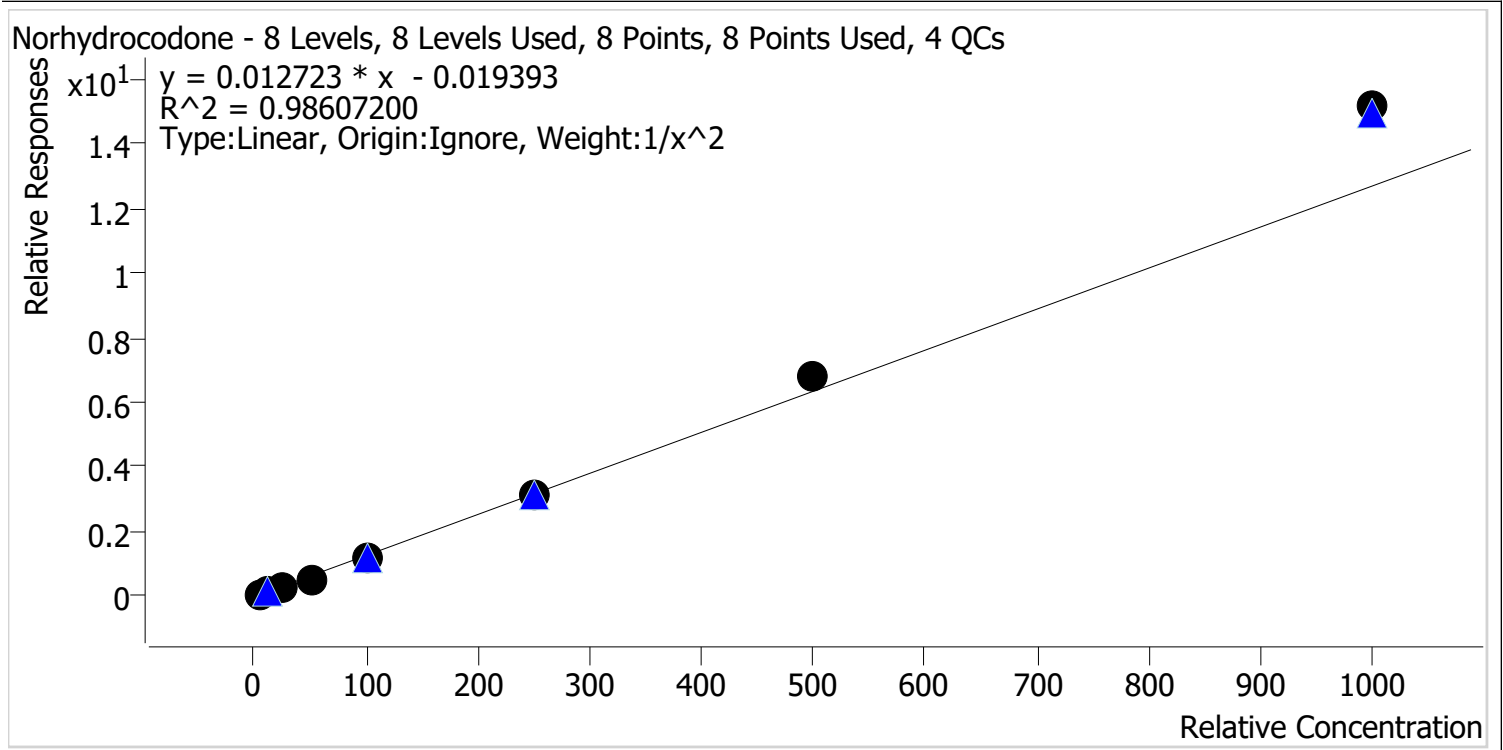
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

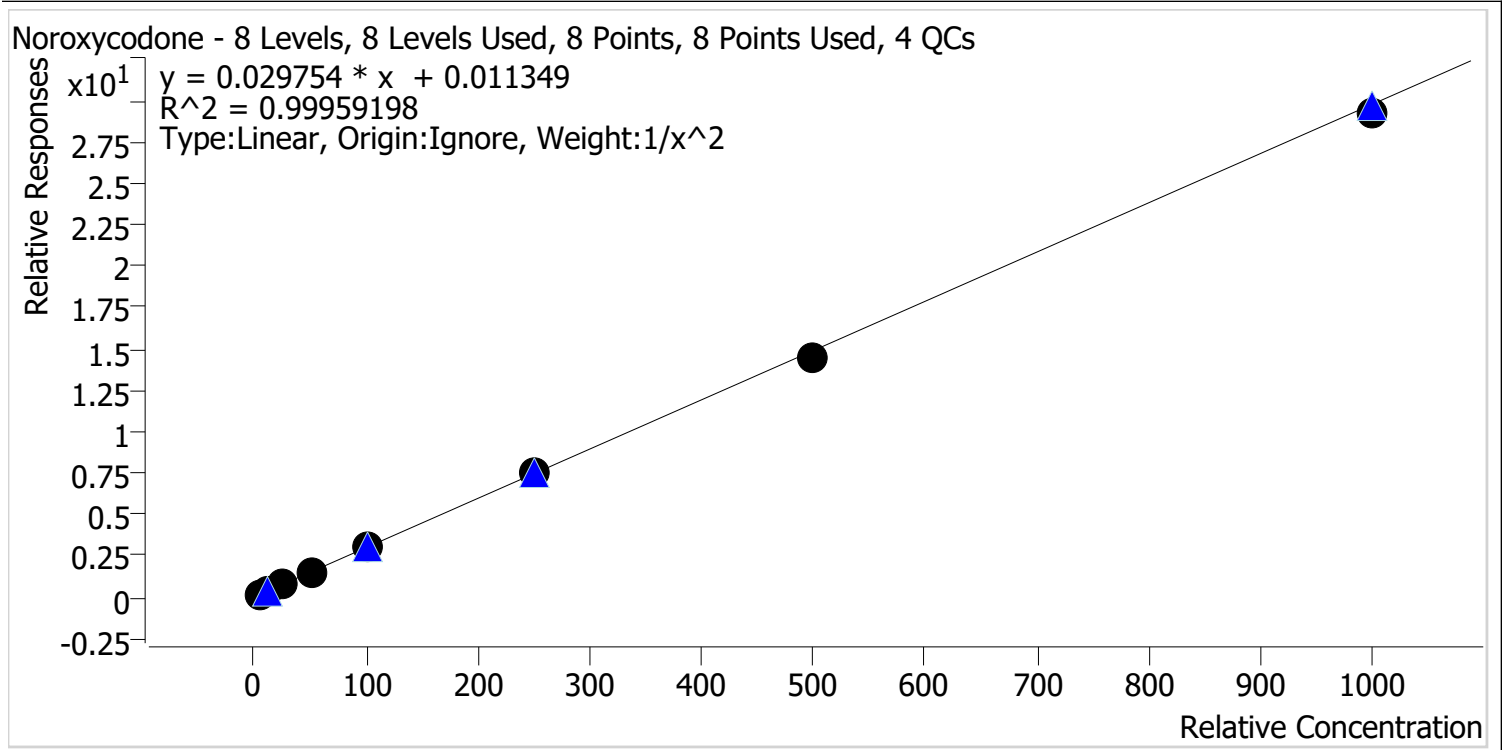


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	22.4	89.7
p1 Cal 4-50ng	4	✓	50.0	44.1	88.1
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	537.0	107.4
p1 Cal 8-1000ng	8	✓	1000.0	1194.3	119.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

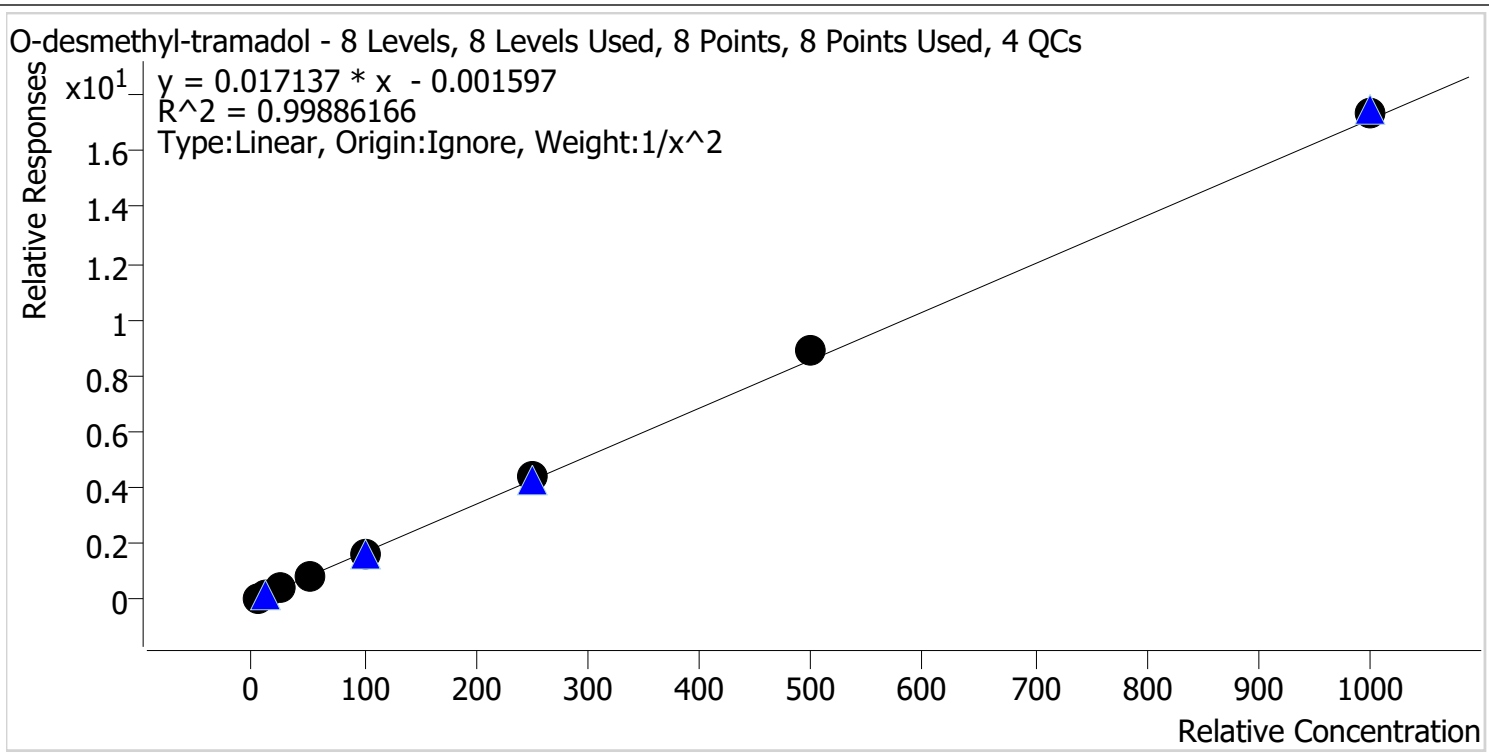


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.0	101.9
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	485.9	97.2
p1 Cal 8-1000ng	8	✓	1000.0	981.7	98.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

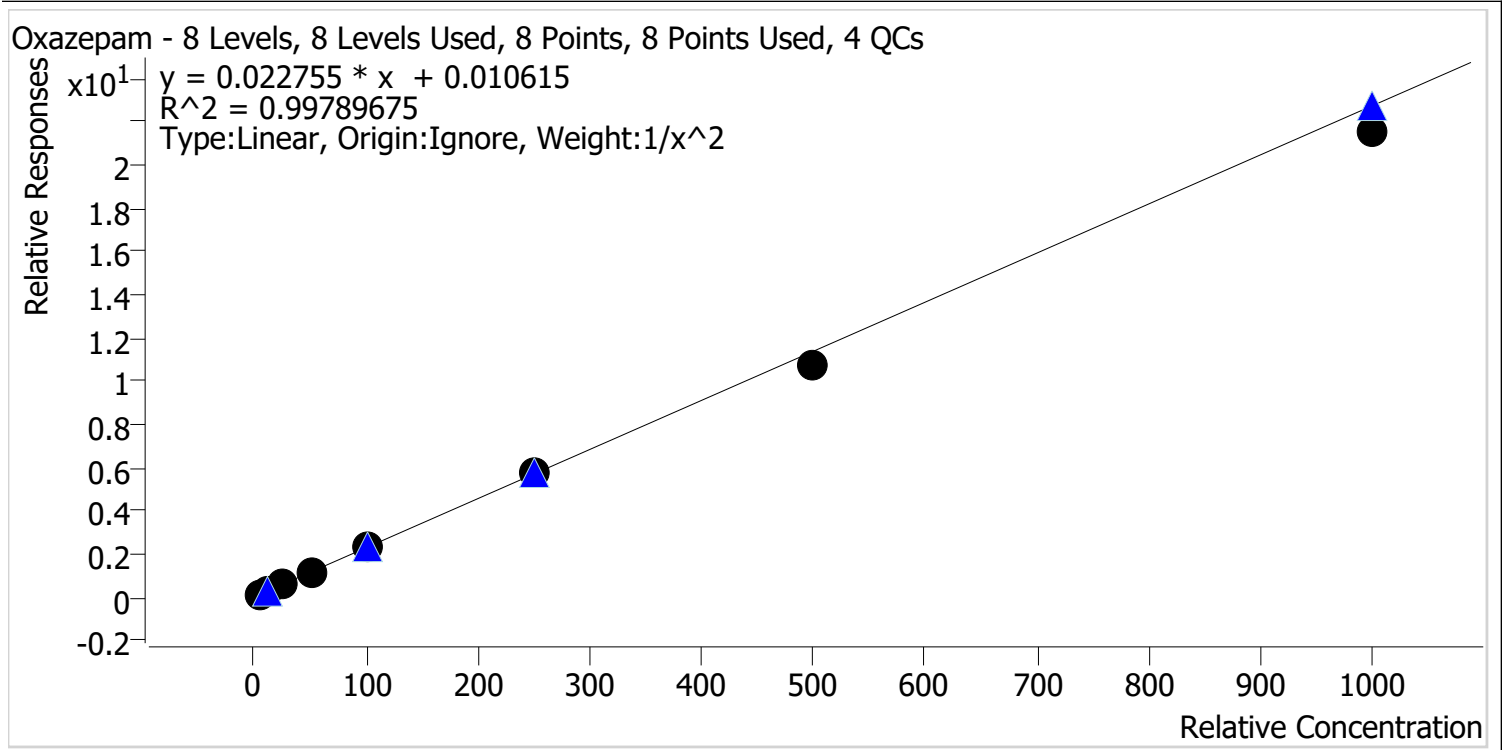


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1012.8	101.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

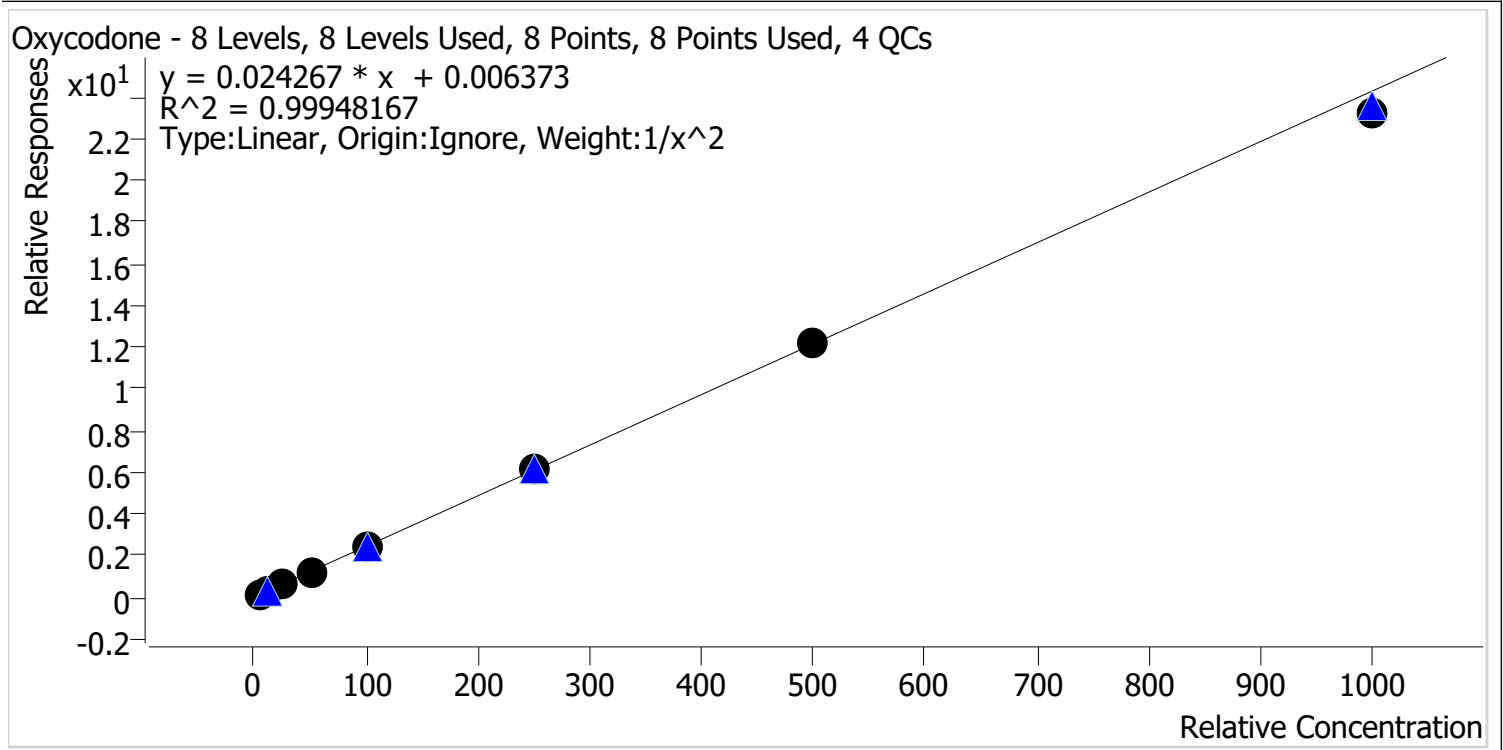


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	472.1	94.4
p1 Cal 8-1000ng	8	✓	1000.0	948.4	94.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

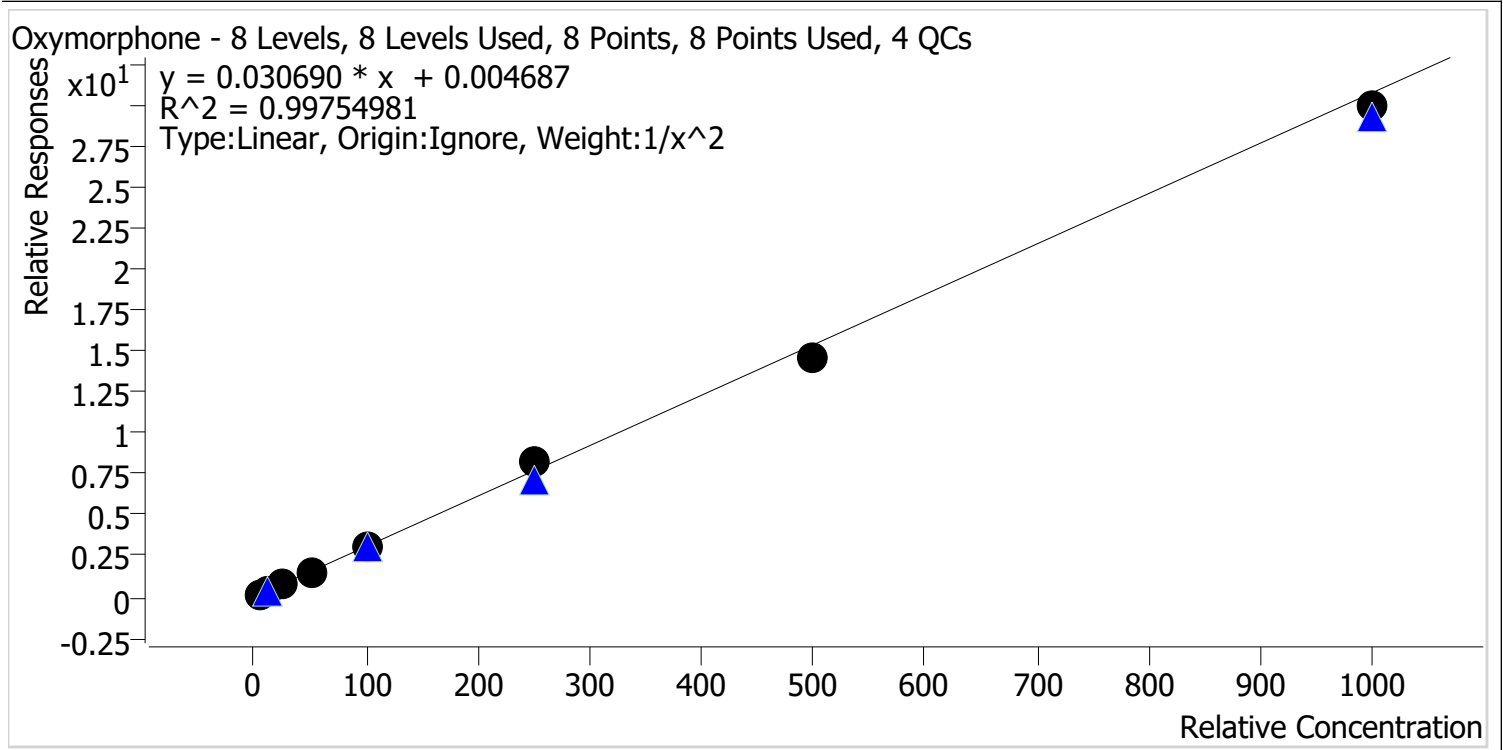


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng	4	✓	50.0	51.0	102.1
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	504.7	100.9
p1 Cal 8-1000ng	8	✓	1000.0	956.5	95.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

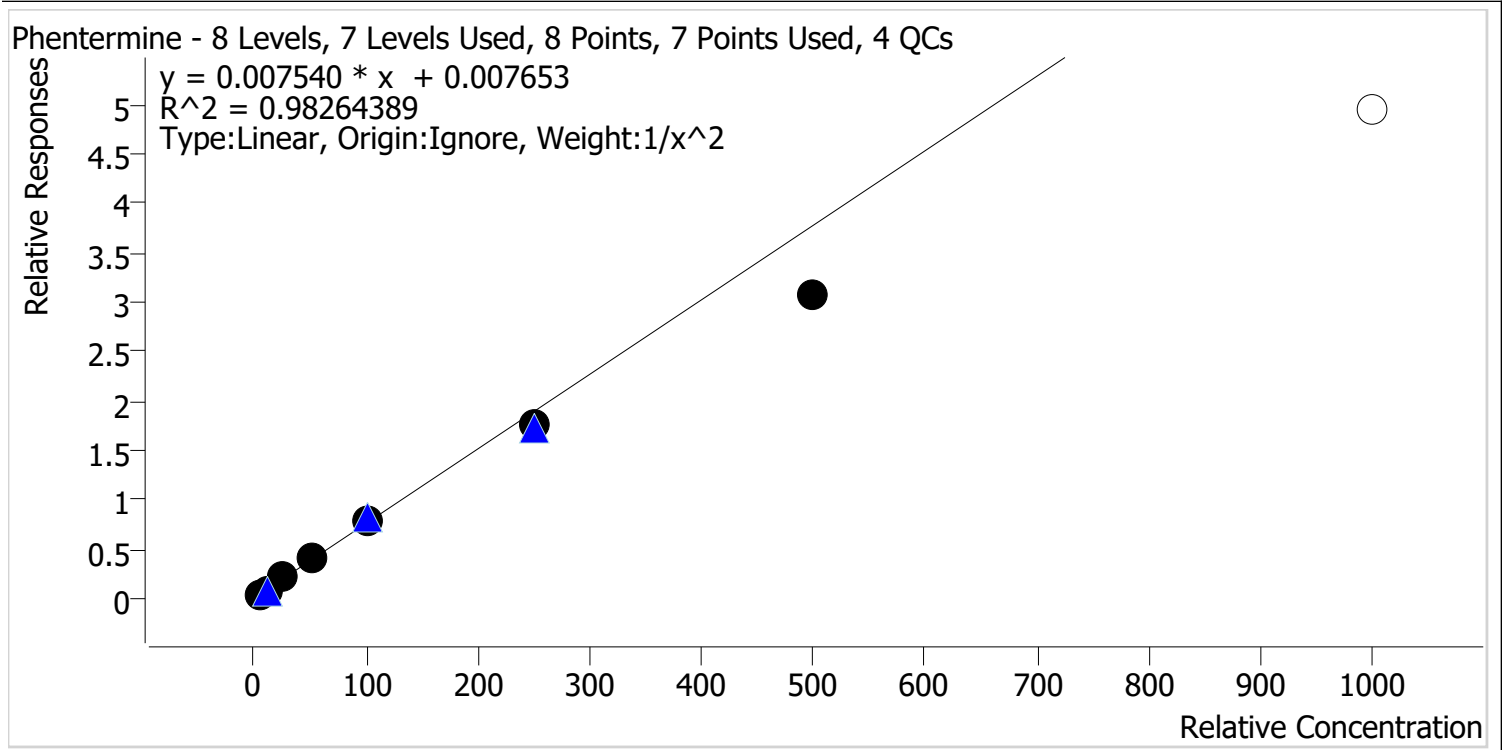


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	270.6	108.2
p1 Cal 7-500ng	7	✓	500.0	471.6	94.3
p1 Cal 8-1000ng	8	✓	1000.0	973.2	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



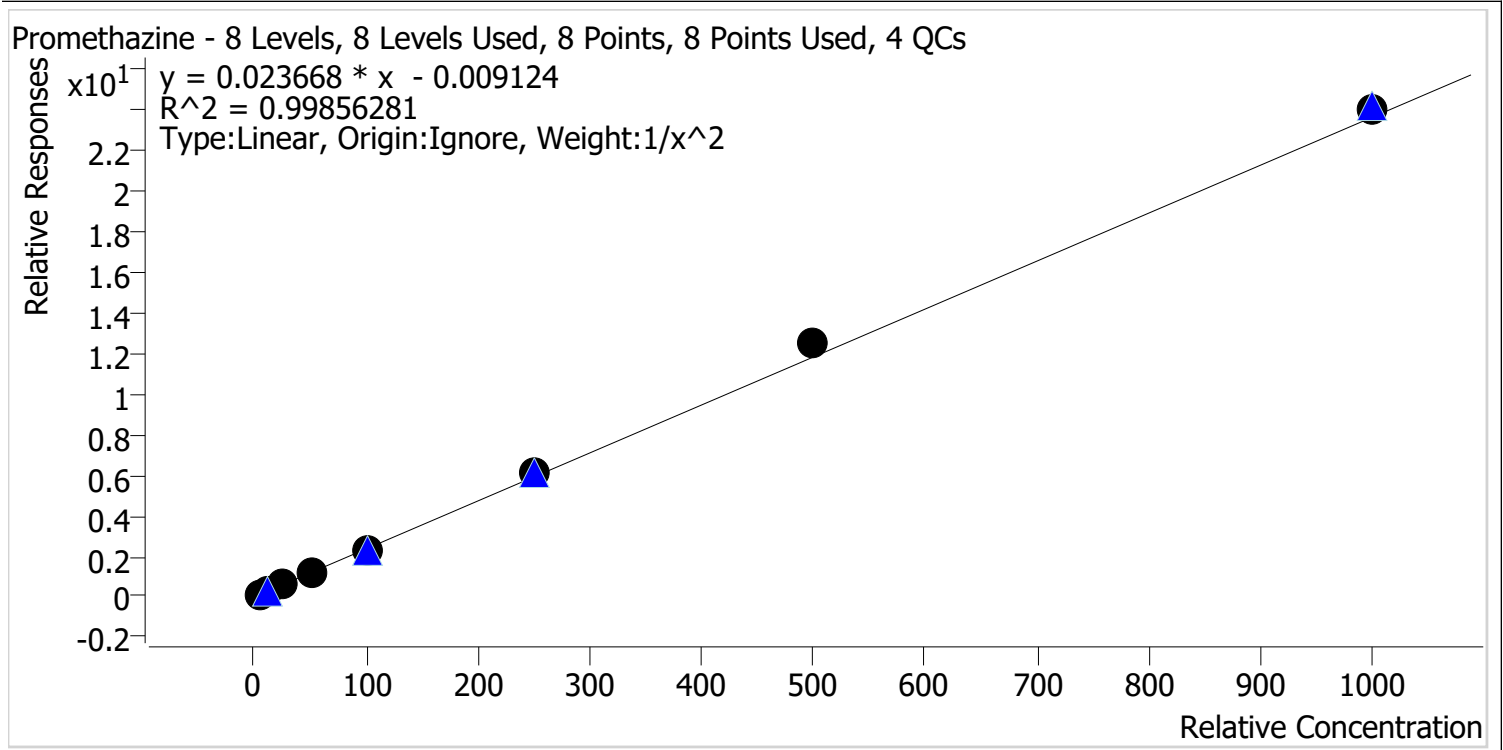
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.9
p1 Cal 2-10ng	2	✓	10.0	10.8	107.8
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	55.0	110.0
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	231.2	92.5
p1 Cal 7-500ng	7	✓	500.0	407.6	81.5
p1 Cal 8-1000ng	8	x	1000.0	656.6	65.7

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



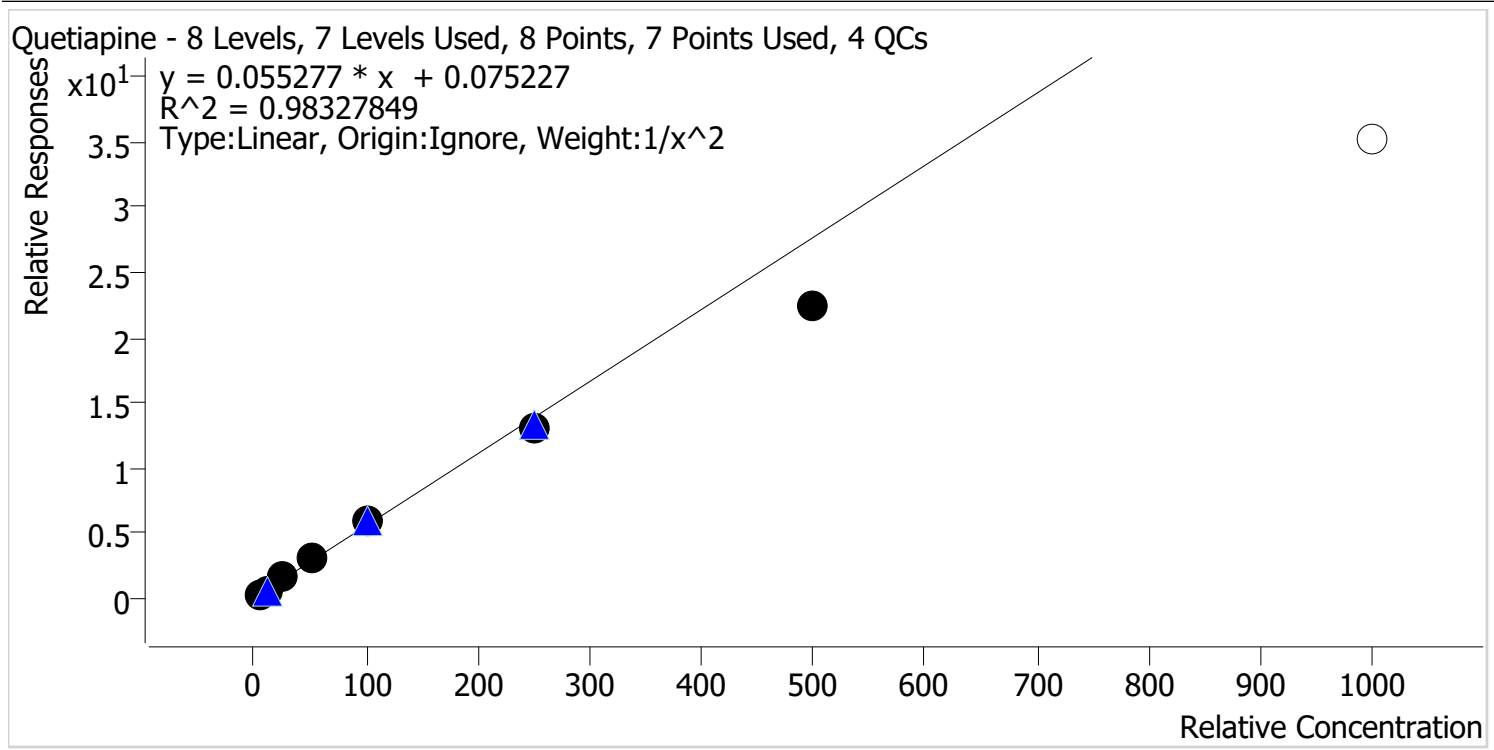
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	526.4	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1016.3	101.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



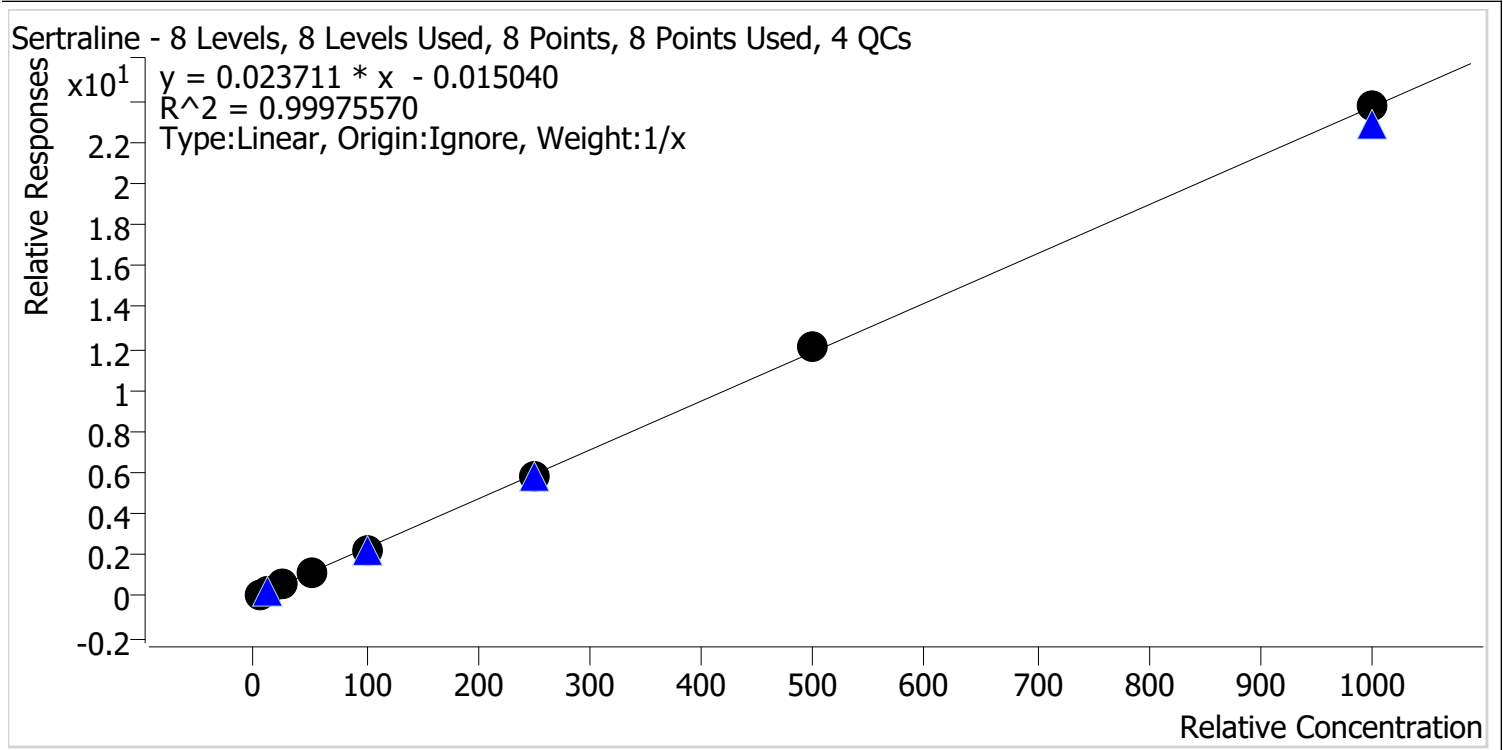
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.2
p1 Cal 4-50ng	4	✓	50.0	54.7	109.3
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	234.9	94.0
p1 Cal 7-500ng	7	✓	500.0	403.3	80.7
p1 Cal 8-1000ng	8	x	1000.0	637.6	63.8

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



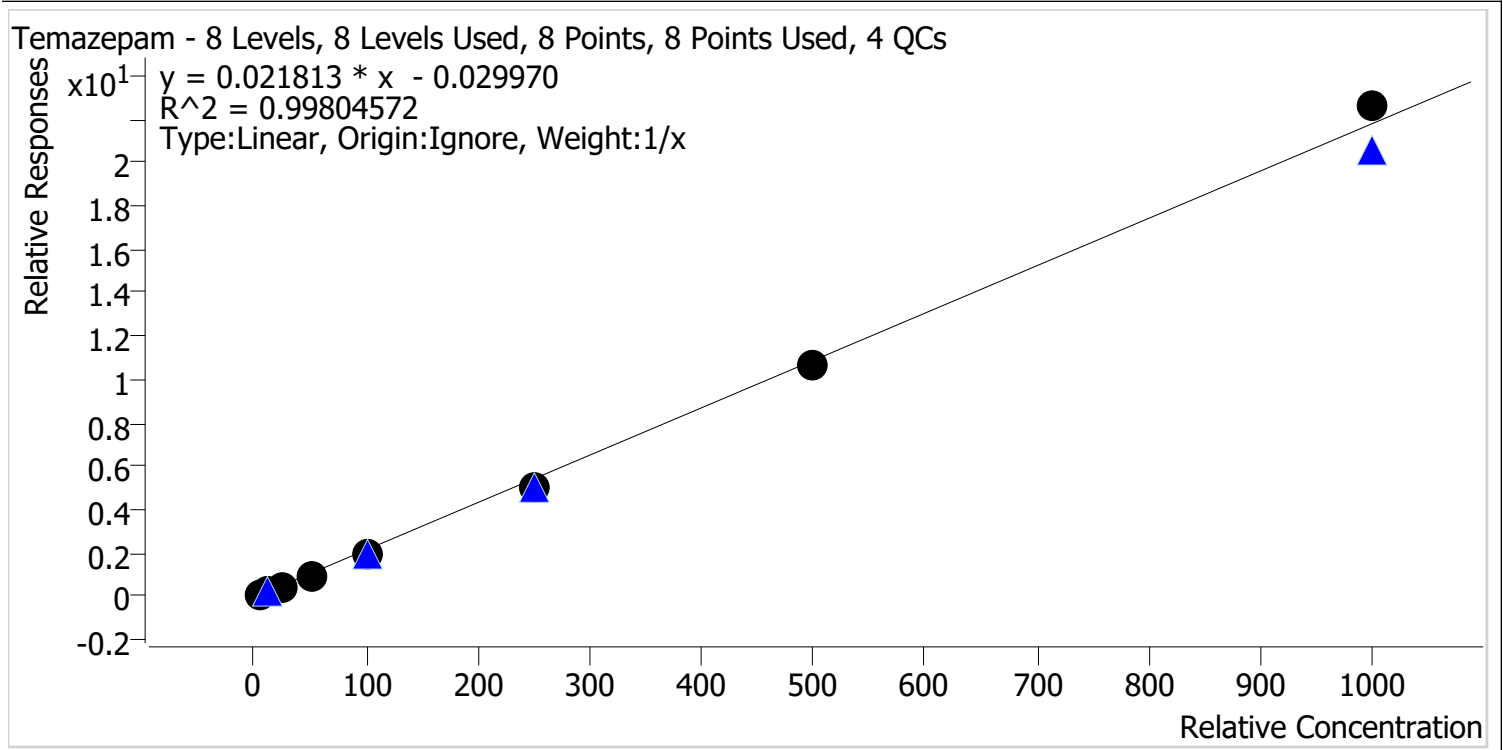
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	108.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.9
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	507.2	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1001.2	100.1

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



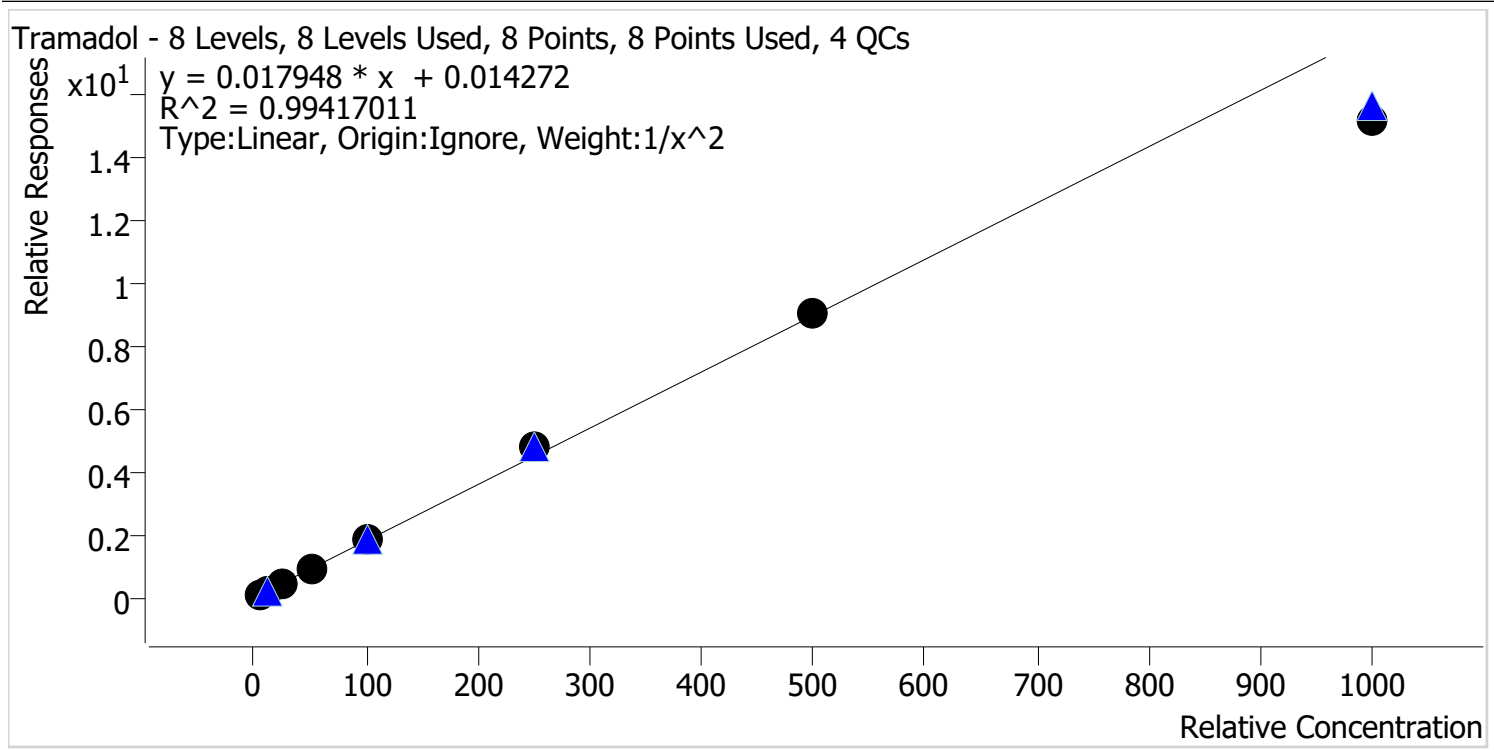
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	6.0	119.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	46.0	91.9
p1 Cal 5-100ng	5	✓	100.0	94.2	94.2
p1 Cal 6-250ng	6	✓	250.0	235.1	94.0
p1 Cal 7-500ng	7	✓	500.0	487.8	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1036.8	103.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



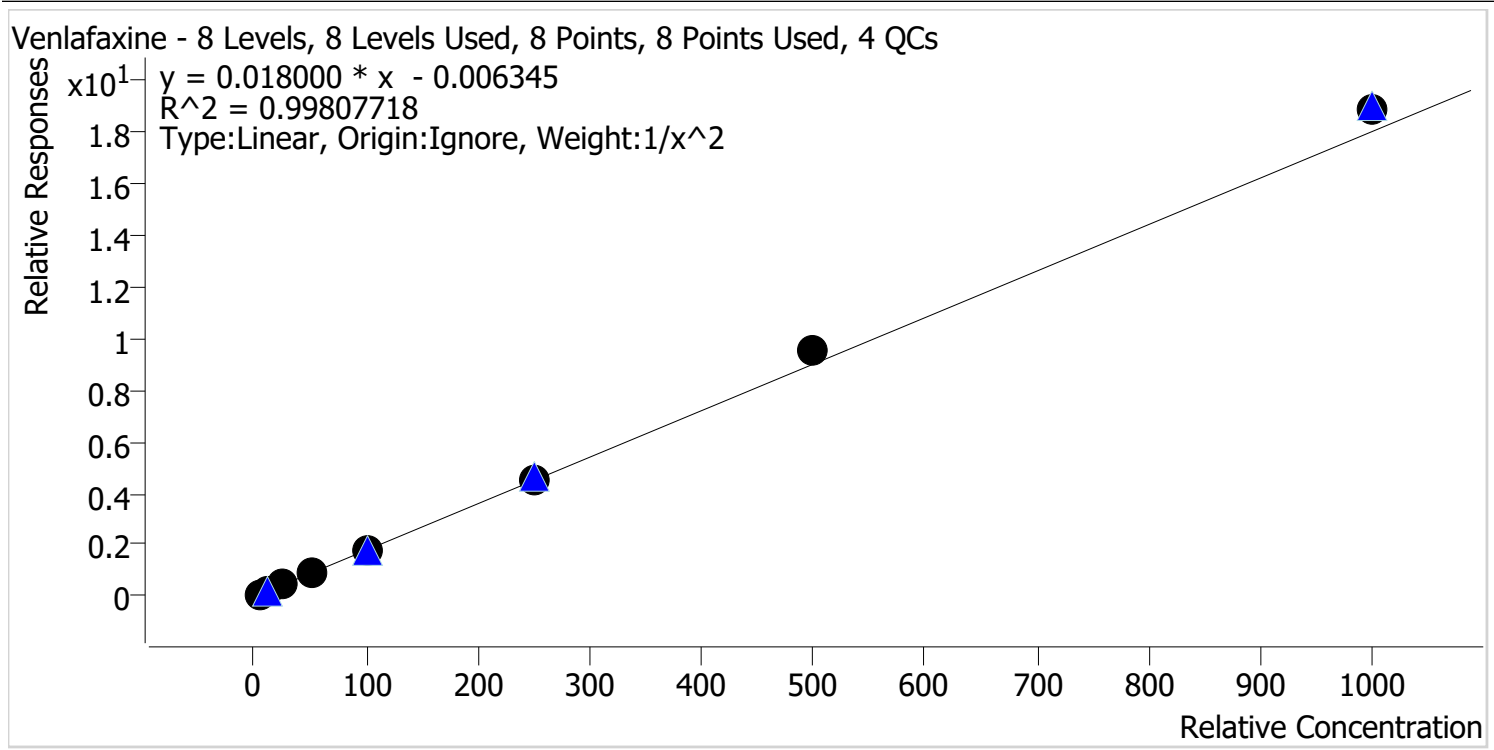
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	266.4	106.6
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	846.8	84.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

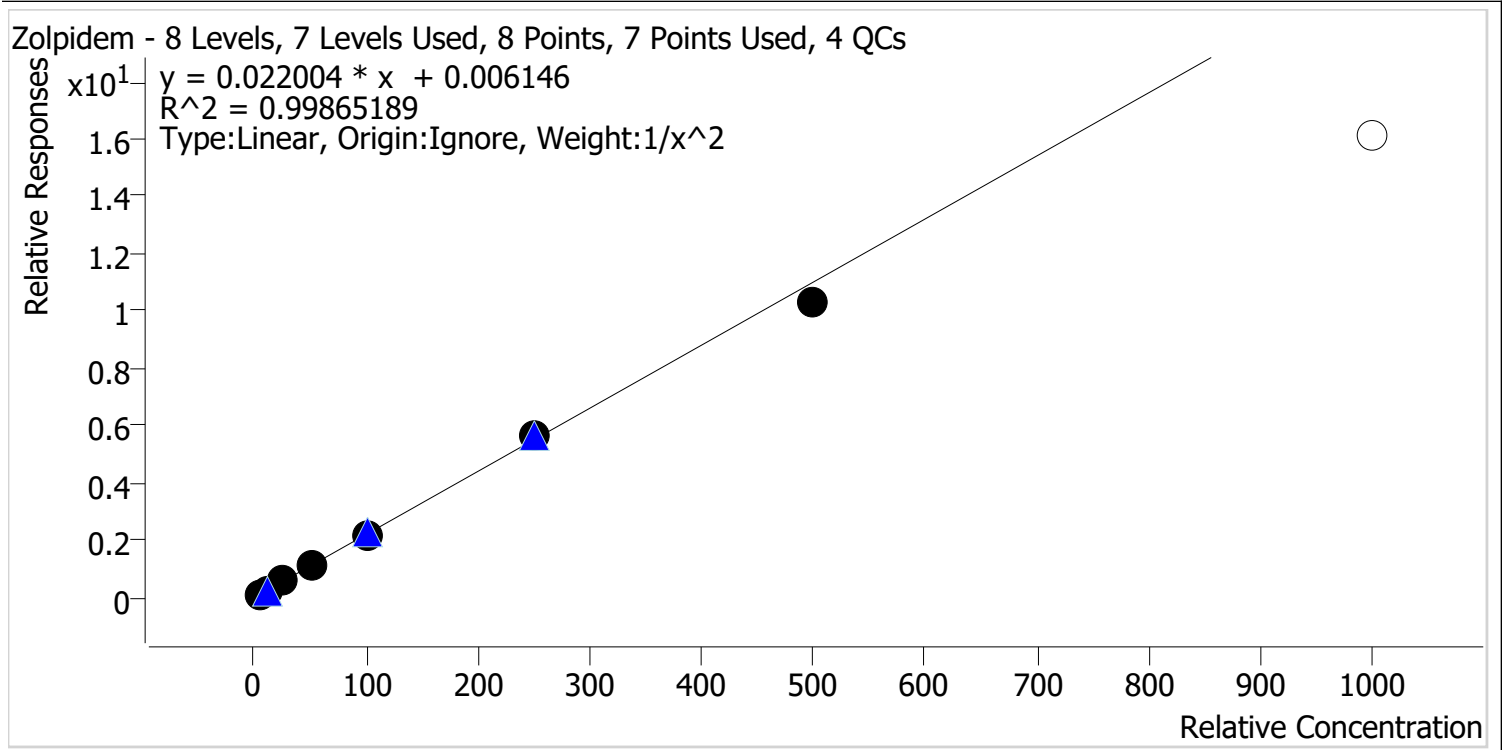


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	527.3	105.5
p1 Cal 8-1000ng	8	✓	1000.0	1043.9	104.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Last Cal. Update 1/27/2022 1:12 PM
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	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	467.5	93.5
p1 Cal 8-1000ng	8	x	1000.0	733.4	73.3

Calibrator 8 dropped due to not meeting accuracy requirement.

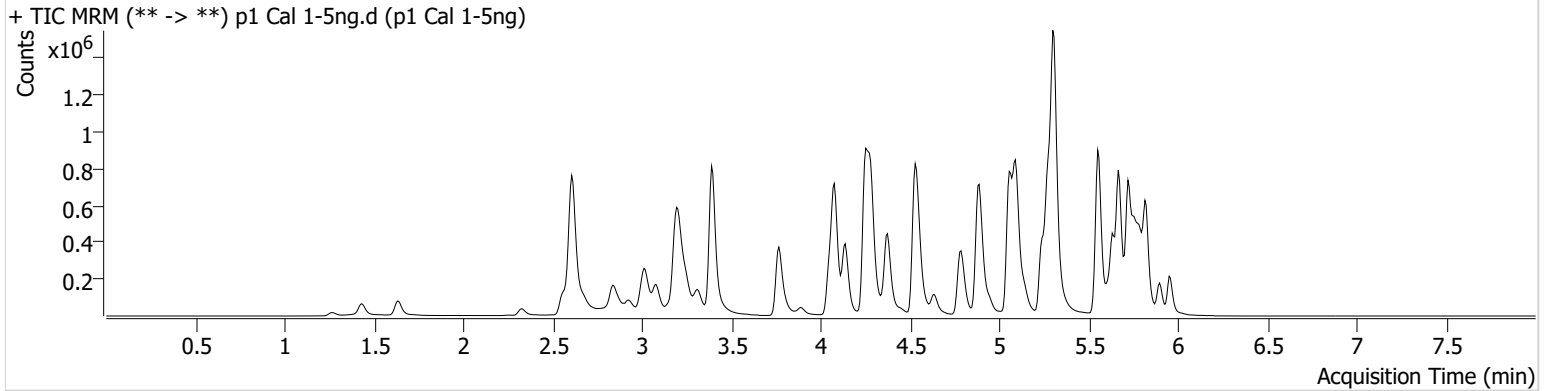
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:02:35 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.165	1707	3279.20	70.6	195.46	91517	0.5130 ng/ml
7-aminoclonazepam	4.271	33974	6425.80	82.6	59.80	250452	4.8165 ng/ml
a-hydroxyalprazolam	5.699	15269	139.24	70.7	373.59	374626	4.8397 ng/ml
alpha-PHP	4.950	31428	548.40	260.8	5672.58	977240	4.9642 ng/ml
alpha-PVP	4.383	113002	8754.83	52.2	137.98	977240	5.1169 ng/ml
Alprazolam	5.782	52662	276.10	107.1	538.79	374626	5.0392 ng/ml
Amphetamine	3.083	196060	3118.84	51.9	1170.84	502141	4.8075 ng/ml
Benzoylecgonine	3.899	2618	50.65	9.1	20.57	18122	4.9998 ng/ml
Buprenorphine	5.799	2874	278.05	13.9	336.00	197452	0.5025 ng/ml
Bupropion	4.801	121893	5378.30	65.0	936.05	862414	4.9697 ng/ml
Carisoprodol	5.730	55777	137201.51	53.0	194.59	507810	5.9310 ng/ml
Citalopram	5.239	90861	489.46	38.6	956.65	816775	5.1078 ng/ml
Clonazepam	5.618	59016	175.65	34.7	321.25	150275	4.8055 ng/ml
Clonazepam	5.555	39331	1856.41	34.9	2127.23	150275	4.7807 ng/ml
Cocaine	4.277	76147	534.54	53.9	493.45	1320139	5.0252 ng/ml
Codeine	2.614	10498	35708.87	106.8	53.68	101632	4.7220 ng/ml
Cyclobenzaprine	5.642	91771	355.37	7.9	274.84	749694	5.2030 ng/ml
Dextromethorphan	5.282	59144	6507.06	80.2	2308.19	581329	5.0059 ng/ml
Dextrophan	4.139	30868	1051.27	217.6	611.82	759083	5.0226 ng/ml
Diazepam	5.960	38081	184.57	91.2	495.95	366203	4.9786 ng/ml
Dihydrocodeine	2.592	25163	2682.94	61.2	2280.97	314112	4.8589 ng/ml
Diphenhydramine	5.309	252017	362.05	31.9	3273.11	2959715	5.1461 ng/ml
Doxylamine	4.549	241453	4447.58	98.1	584.80	2052736	4.9495 ng/ml
EDDP	5.275	101182	1656.04	41.4	2154.48	1135238	5.1445 ng/ml
Etizolam	5.820	21688	366.78	28.0	13164.29	150275	5.2293 ng/ml
Fentanyl	5.109	8009	761.54	75.3	36669.25	959751	0.5089 ng/ml
Flualprazolam	5.712	22177	1018.87	96.5	1280.58	374626	4.8340 ng/ml
Fluoxetine	5.727	97881	10998.26	8.7	733.20	745806	5.1305 ng/ml
Hydrocodone	3.045	36265	159.14	34.0	120.75	406376	4.7586 ng/ml
Hydromorphone	1.641	31844	1057.60	69.0	513.62	210077	5.0013 ng/ml
Ketamine	4.065	79109	7299.40	36.7	121.20	699398	4.9264 ng/ml
Lamotrigine	4.301	7220	222.42	87.8	1002.94	699398	4.8327 ng/ml
Levetiracetam	2.676	33887	432.05	142.4	553.67	2115573	5.0742 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	48169	567.85	49.3	32.48	150275	4.8617 ng/ml
MDA	3.230	126262	1057.21	27.7	160.53	746923	4.7466 ng/ml
MDMA	3.316	76565	1505.47	89.8	960.56	179417	5.0286 ng/ml
Meprobamate	4.917	33923	3653.28	25.3	296.75	319586	4.7680 ng/ml
Methadone	5.673	149673	421.46	52.7	4106.73	1301985	5.4697 ng/ml
Methamphetamine	3.251	202610	446.26	39.9	353.18	1308548	4.7647 ng/ml
Metoprolol	4.346	20989	1211.15	93.2	577.69	1845408	4.8772 ng/ml
Mirtazapine	4.637	170599	∞	46.0	3249.94	977240	5.1261 ng/ml
Mitragynine	5.243	34146	3453.28	34.9	90.26	1301985	4.9604 ng/ml
Morphine	1.274	4588	1366.89	20.0	7724.24	18775	4.8530 ng/ml
Norbuprenorphine	5.013	368	75.99	87.8	437.17	22550	0.5085 ng/ml
Nordiazepam	5.906	40274	95101.67	58.9	316.52	264746	4.9142 ng/ml
Norfentanyl	4.099	17514	436.25	35.8	53.37	1576203	0.5148 ng/ml
Norhydrocodone	3.093	4440	136.60	46.8	84.61	95336	5.1848 ng/ml
Noroxycodone	2.943	34396	89.91	48.1	953.96	215871	4.9737 ng/ml
O-desmethyl-tramadol	3.396	169319	297.84	5.8	1131.75	1977942	5.0883 ng/ml
Oxazepam	5.763	61588	878.46	73.2	196.86	505431	4.8885 ng/ml
Oxycodone	2.868	69988	1456.79	28.8	375.33	553109	4.9516 ng/ml
Oxymorphone	1.438	27299	126.92	46.0	125.46	173813	4.9650 ng/ml
Phentermine	3.803	46009	126.27	4.9	24.52	1077903	4.6462 ng/ml
Promethazine	5.560	172910	506.46	30.1	1764.44	1546991	5.1080 ng/ml
Pseudoephedrine	2.623	208527	408.57	16.9	899.70	2115573	5.1570 ng/ml
Quetiapine	5.562	106624	3849.81	59.3	4986.45	318021	4.7044 ng/ml
Sertraline	5.796	38891	640.74	90.0	989.52	341742	5.4339 ng/ml
Temazepam	5.823	100134	418.42	26.0	183.98	996524	5.9804 ng/ml
Tramadol	4.266	188353	1577.80	2.8	35.82	1845408	4.8917 ng/ml
Trazodone	5.135	120373	171533.81	79.1	9361.69	945389	4.9434 ng/ml
Venlafaxine	5.057	148276	482.50	34.4	237.28	1728760	5.1175 ng/ml
Zolpidem	4.908	175476	1320.47	29.7	987.22	1522222	4.9595 ng/ml

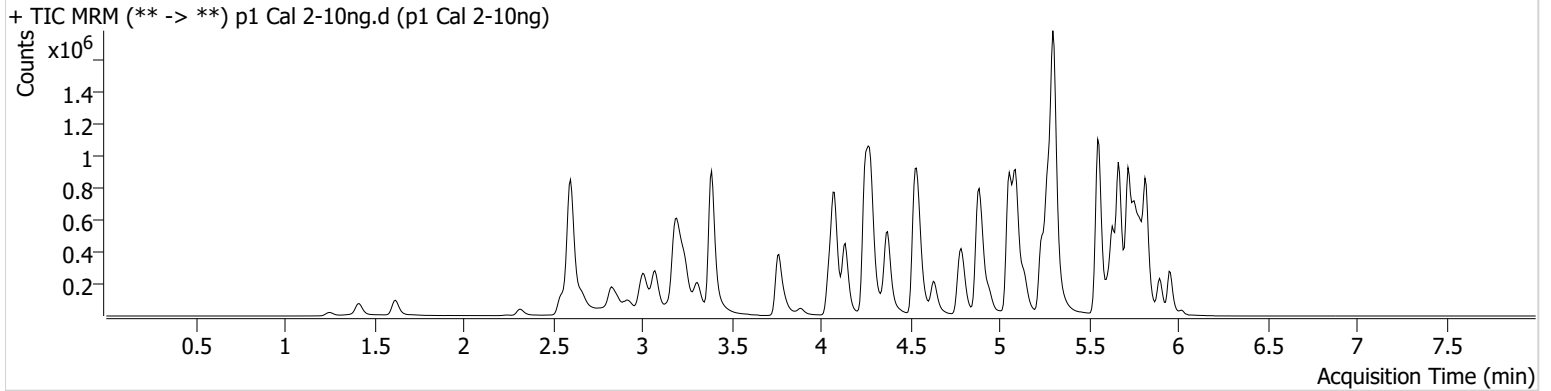
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:13:21 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	3400	6753.12	77.7	382.18	95940	0.9540 ng/ml
7-aminoclonazepam	4.271	69754	6290.60	79.5	1153.74	252341	10.4722 ng/ml
a-hydroxyalprazolam	5.699	34336	133.20	70.8	247.08	393034	10.5328 ng/ml
alpha-PHP	4.944	65121	288.11	256.5	11173.66	1027041	10.0229 ng/ml
alpha-PVP	4.383	231072	29713.73	52.1	920.18	1027041	9.7478 ng/ml
Alprazolam	5.782	107961	∞	109.9	645.43	393034	9.8666 ng/ml
Amphetamine	3.076	409408	930.77	51.0	141.75	532739	10.3034 ng/ml
Benzoylcegonine	3.892	5404	57.84	8.1	9.85	18128	10.3454 ng/ml
Buprenorphine	5.806	5618	139.04	17.7	3283.48	208810	0.9766 ng/ml
Bupropion	4.801	251852	458.42	64.7	792.82	900740	10.0459 ng/ml
Carisoprodol	5.730	121686	948221.80	53.5	752.09	549048	10.4264 ng/ml
Citalopram	5.239	179573	3778.00	39.7	463.56	838729	9.6648 ng/ml
Clonazepam	5.618	134217	501.46	34.7	603.15	173307	10.3617 ng/ml
Clonazepam	5.555	85592	9781.73	34.5	31813.70	173307	10.4706 ng/ml
Cocaine	4.277	157533	17705.35	55.2	2878.15	1387857	9.9743 ng/ml
Codeine	2.607	21320	275.68	105.4	63.55	103792	10.5433 ng/ml
Cyclobenzaprine	5.635	193161	15585.45	7.8	330.83	808679	9.5890 ng/ml
Dextromethorphan	5.282	121783	11010.62	78.9	3935.76	590754	10.0440 ng/ml
Dextrophan	4.139	66553	5033.78	212.2	7280.50	792019	10.0936 ng/ml
Diazepam	5.960	83474	650.08	93.3	684.95	412453	9.9499 ng/ml
Dihydrocodeine	2.579	51070	91123.11	61.4	4841.41	323791	10.1595 ng/ml
Diphenhydramine	5.310	517084	8232.17	31.5	6810.71	3118009	9.6519 ng/ml
Doxylamine	4.549	482691	30211.02	99.8	7904.25	2111656	10.0209 ng/ml
EDDP	5.275	189965	3948.17	42.1	11679.45	1104978	9.7118 ng/ml
Etizolam	5.820	49252	11276.74	26.8	11420.64	173307	9.6148 ng/ml
Fentanyl	5.109	16676	930.77	75.5	29978.11	1025835	0.9820 ng/ml
Flualprazolam	5.712	47769	1336.44	97.3	6121.52	393034	10.4606 ng/ml
Fluoxetine	5.727	213744	550653.61	8.6	158.15	809630	9.8203 ng/ml
Hydrocodone	3.039	79571	351.30	31.4	466.95	429747	10.6741 ng/ml
Hydromorphone	1.628	64583	1598.39	73.1	1945.75	212712	9.9759 ng/ml
Ketamine	4.065	160849	572.05	37.8	105.26	735903	10.1444 ng/ml
Lamotrigine	4.301	14891	357.58	85.3	1527.59	735903	10.2232 ng/ml
Levetiracetam	2.663	65649	355.65	141.5	2263.09	2139402	9.8009 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	109475	2980.65	49.9	76.60	173307	10.5492 ng/ml
MDA	3.223	260603	731.20	27.8	318.63	771476	10.5817 ng/ml
MDMA	3.316	158611	1091.70	89.2	911.03	189426	9.9546 ng/ml
Meprobamate	4.911	68673	6020.87	24.0	1349.70	333557	10.4610 ng/ml
Methadone	5.673	320232	3513.90	51.1	714.00	1379477	10.0195 ng/ml
Methamphetamine	3.244	381493	4073.29	39.5	312.89	1347470	10.5368 ng/ml
Metoprolol	4.340	43199	1890.30	95.8	1762.24	1938411	10.1717 ng/ml
Mirtazapine	4.631	345508	1746.12	46.8	4862.81	1027041	9.7085 ng/ml
Mitragynine	5.244	68007	1401.23	34.8	1381.31	1379477	9.6719 ng/ml
Morphine	1.261	9654	657.97	19.7	45.20	18394	10.3373 ng/ml
Norbuprenorphine	5.013	648	1912.38	92.9	261.42	24561	0.9469 ng/ml
Nordiazepam	5.906	88475	847.95	57.8	490.24	296208	10.1640 ng/ml
Norfentanyl	4.099	36832	615.23	36.3	188.87	1631818	0.9833 ng/ml
Norhydrocodone	3.093	10557	205.25	39.5	104.34	98467	9.9510 ng/ml
Noroxycodone	2.936	68799	4008.42	49.2	105.79	223045	9.9853 ng/ml
O-desmethyl-tramadol	3.396	340688	46637.74	5.7	57.85	2040576	9.8354 ng/ml
Oxazepam	5.763	135796	2247.70	73.5	184.10	560205	10.1863 ng/ml
Oxycodone	2.861	144341	655.08	29.0	5463.00	571929	10.1372 ng/ml
Oxymorphone	1.418	57450	129.47	45.8	375.67	182615	10.0981 ng/ml
Phentermine	3.803	99052	902.30	4.9	14.80	1113507	10.7831 ng/ml
Promethazine	5.560	353437	10881.18	30.7	5957.85	1590689	9.7734 ng/ml
Pseudoephedrine	2.610	423159	5839.30	16.9	814.97	2139402	9.7641 ng/ml
Quetiapine	5.562	218812	6235.06	60.2	9953.84	333017	10.5257 ng/ml
Sertraline	5.796	84154	8402.31	93.4	10335.76	371427	10.1898 ng/ml
Temazepam	5.823	241044	55327.51	26.8	250.00	1226427	10.3840 ng/ml
Tramadol	4.259	383073	593.24	3.2	84.22	1938411	10.2159 ng/ml
Trazodone	5.135	252022	539.90	76.3	21799.29	998449	10.0970 ng/ml
Venlafaxine	5.057	305770	24130.56	34.9	2268.52	1801087	9.7842 ng/ml
Zolpidem	4.901	360467	40238.29	30.4	932.61	1586797	10.0444 ng/ml

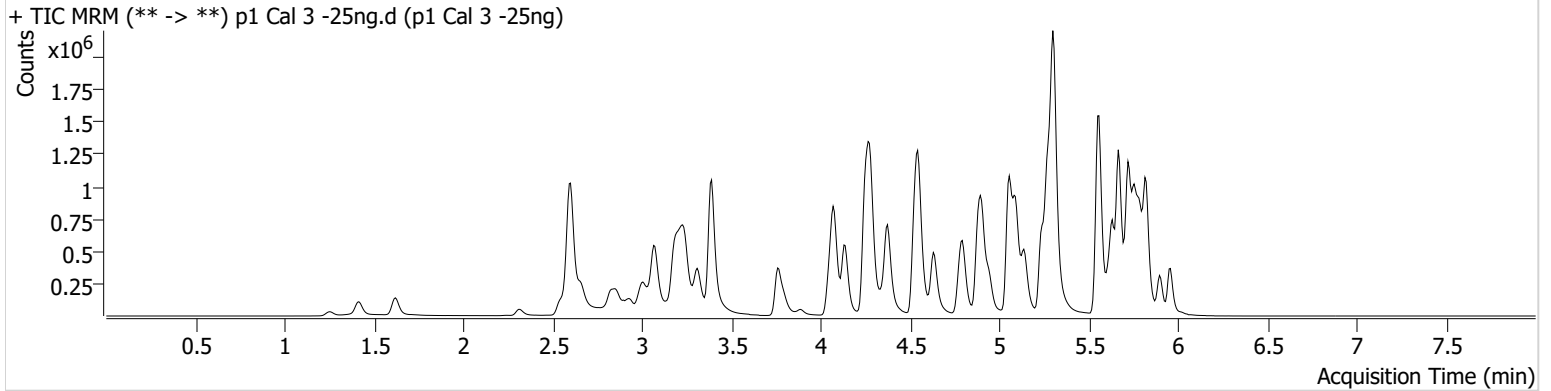
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:23:57 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.158	8667	20825.14	68.5	218.49	92825	2.4767 ng/ml
7-aminoclonazepam	4.271	167927	16450.85	79.9	152.63	251048	26.2399 ng/ml
a-hydroxyalprazolam	5.699	81987	344.12	68.2	355.00	382547	26.0428 ng/ml
alpha-PHP	4.944	156230	2204.37	257.0	7329.97	988609	25.3418 ng/ml
alpha-PVP	4.383	558123	714.12	52.2	431.10	988609	24.1275 ng/ml
Alprazolam	5.782	265301	1015.25	109.4	∞	382547	24.9423 ng/ml
Amphetamine	3.076	1008618	1166.01	48.5	5847.83	515402	27.5809 ng/ml
Benzoylecgonine	3.892	12282	198.29	9.0	2309.94	16877	25.2960 ng/ml
Buprenorphine	5.806	14125	147.74	14.8	3629.47	208112	2.5493 ng/ml
Bupropion	4.801	601336	1417.83	64.3	477.67	870736	25.1354 ng/ml
Carisoprodol	5.730	283203	451707.36	52.6	417.27	499213	24.3262 ng/ml
Citalopram	5.239	443381	1043.60	37.7	1464.86	801459	24.6892 ng/ml
Clonazepam	5.618	315957	5025.42	35.6	462.10	168956	26.3091 ng/ml
Clonazepam	5.555	195517	26698.83	35.7	123561.59	168956	26.7292 ng/ml
Cocaine	4.277	367523	16760.98	54.9	589.16	1309301	24.7962 ng/ml
Codeine	2.600	50028	145.58	105.3	150892.95	100866	27.1082 ng/ml
Cyclobenzaprine	5.635	462022	51672.01	7.5	395.98	764319	23.3601 ng/ml
Dextromethorphan	5.282	288455	6288.50	78.9	396.50	565475	24.7112 ng/ml
Dextrophan	4.139	156827	91519.94	216.3	712.77	761603	24.3466 ng/ml
Diazepam	5.960	199606	816.50	90.8	∞	388856	25.6596 ng/ml
Dihydrocodeine	2.579	122826	6023.13	60.1	3475.68	310818	26.3749 ng/ml
Diphenhydramine	5.310	1237484	46214.58	32.1	34567.16	2951767	23.8019 ng/ml
Doxylamine	4.549	1143466	56125.02	100.0	5329.59	2034932	25.2560 ng/ml
EDDP	5.275	515239	26938.49	42.4	7370.27	1205050	23.8155 ng/ml
Etizolam	5.820	117861	1204.23	25.1	94590.44	168956	22.5763 ng/ml
Fentanyl	5.109	39656	2642.59	75.0	∞	974501	2.4434 ng/ml
Flualprazolam	5.712	110649	5219.40	100.5	15225.19	382547	25.5970 ng/ml
Fluoxetine	5.727	495115	51193.88	8.7	51922.64	754434	23.6774 ng/ml
Hydrocodone	3.039	181472	321.66	33.3	384.72	413607	26.3142 ng/ml
Hydromorphone	1.628	153684	313.10	73.2	1138.90	200856	25.0773 ng/ml
Ketamine	4.065	371731	692.44	38.7	832.78	701979	25.5304 ng/ml
Lamotrigine	4.301	36202	848.74	85.4	9358.75	701979	27.2636 ng/ml
Levetiracetam	2.663	157248	1195.39	137.2	4820.95	2016113	25.0463 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	247066	7675.39	50.2	191.22	168956	25.7328 ng/ml
MDA	3.223	586322	4056.03	28.1	845.46	730514	26.6537 ng/ml
MDMA	3.316	368854	46876.91	91.6	6477.85	179970	24.4980 ng/ml
Meprobamate	4.911	160872	356.01	24.5	428.56	318125	27.5750 ng/ml
Methadone	5.673	783939	20091.87	52.3	4459.37	1319791	24.0688 ng/ml
Methamphetamine	3.244	832249	1796.53	39.0	1426.20	1287269	26.8883 ng/ml
Metoprolol	4.340	104186	92948.37	93.3	5189.89	1870756	26.3802 ng/ml
Mirtazapine	4.631	828873	8454.98	46.5	7136.87	988609	23.9228 ng/ml
Mitragynine	5.237	170032	354580.60	35.6	34101.34	1319791	25.9124 ng/ml
Morphine	1.261	23219	6765.39	20.6	695.90	17659	25.7866 ng/ml
Norbuprenorphine	5.013	1559	3912.90	84.1	3060.11	23965	2.6298 ng/ml
Nordiazepam	5.906	201159	3086.26	59.5	1331.63	274248	25.7376 ng/ml
Norfentanyl	4.099	86375	1482.88	36.0	802.48	1553307	2.3336 ng/ml
Norhydrocodone	3.086	23509	265.71	40.3	128.18	88433	22.4183 ng/ml
Noroxycodone	2.936	162240	430.15	48.9	131.20	210484	25.5241 ng/ml
O-desmethyl-tramadol	3.389	816594	22866.93	5.7	2664.42	1970114	24.2795 ng/ml
Oxazepam	5.756	322554	4723.69	74.8	1262.33	536517	25.9541 ng/ml
Oxycodone	2.854	343102	927.24	29.5	1548.02	558092	25.0708 ng/ml
Oxymorphone	1.418	133992	775.84	47.0	∞	170081	25.5177 ng/ml
Phentermine	3.797	232897	1859.82	5.2	373.41	1068661	27.8894 ng/ml
Promethazine	5.552	872745	1996.48	30.8	6373.28	1551100	24.1587 ng/ml
Pseudoephedrine	2.610	1000060	5849.39	17.0	17838.03	2016113	23.6118 ng/ml
Quetiapine	5.562	512324	1566.75	59.5	13133.11	315123	28.0507 ng/ml
Sertraline	5.796	193326	5678.61	93.0	787.06	345558	24.2295 ng/ml
Temazepam	5.823	563079	8068.36	26.7	363.74	1151588	23.7894 ng/ml
Tramadol	4.259	894984	1685.66	3.2	157.86	1870756	25.8606 ng/ml
Trazodone	5.135	593726	11021.97	77.6	63380.21	946904	25.5308 ng/ml
Venlafaxine	5.057	734716	23452.46	34.1	654.39	1731180	23.9305 ng/ml
Zolpidem	4.908	856527	4914.50	30.1	1032.98	1517072	25.3790 ng/ml

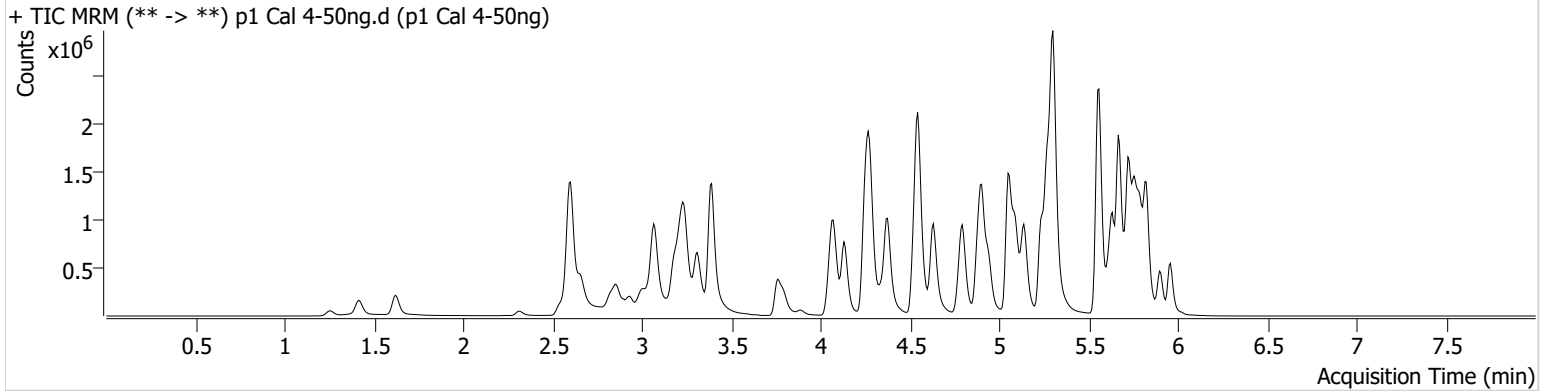
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:34:35 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	17860	140.62	68.9	1255.53	95377	4.9440 ng/ml
7-aminoclonazepam	4.265	322707	57972.99	80.0	17015.47	243763	52.5522 ng/ml
a-hydroxyalprazolam	5.699	151406	495.89	68.0	888.91	367232	50.2281 ng/ml
alpha-PHP	4.944	311970	11470.51	258.5	63554.87	982641	51.1557 ng/ml
alpha-PVP	4.376	1121951	24706.49	52.4	11463.26	982641	48.5710 ng/ml
Alprazolam	5.782	501948	∞	109.0	1078.95	367232	49.1790 ng/ml
Amphetamine	3.069	1913314	675.39	48.5	413.50	513537	53.2953 ng/ml
Benzoylcegonine	3.892	24825	10480.69	8.7	444.66	18147	47.5733 ng/ml
Buprenorphine	5.806	28286	2098.81	15.0	8036.10	210288	5.1073 ng/ml
Bupropion	4.795	1233305	61129.24	64.0	∞	888449	50.7451 ng/ml
Carisoprodol	5.730	507338	30514.08	53.0	353.69	460246	45.8403 ng/ml
Citalopram	5.232	885654	20319.87	38.4	11805.59	809419	48.6563 ng/ml
Clonazepam	5.612	597738	1843.07	35.2	603.64	154570	55.3774 ng/ml
Clonazepam	5.555	355368	6173.77	36.6	213041.46	154570	54.7169 ng/ml
Cocaine	4.277	727113	29696.77	54.4	33470.62	1308013	49.1920 ng/ml
Codeine	2.600	98004	128.06	101.8	263239.66	100979	54.1614 ng/ml
Cyclobenzaprine	5.635	932935	278971.87	7.5	2408.10	756446	47.0444 ng/ml
Dextromethorphan	5.282	567731	10162.31	78.4	13016.18	552511	49.6793 ng/ml
Dextrophan	4.132	319164	623.22	213.6	1611.10	769803	48.7495 ng/ml
Diazepam	5.960	395059	∞	92.1	5265.82	393187	50.4896 ng/ml
Dihydrocodeine	2.572	251468	223.83	58.4	4415.29	312034	54.4244 ng/ml
Diphenhydramine	5.303	2511719	81349.17	31.8	25168.00	2914711	48.5120 ng/ml
Doxylamine	4.543	2341419	10572.80	99.9	3433.81	2069381	51.2869 ng/ml
EDDP	5.268	1007261	73415.86	41.5	1012.78	1164361	47.9519 ng/ml
Etizolam	5.820	225513	21601.12	27.0	191863.38	154570	46.4490 ng/ml
Fentanyl	5.109	83343	5524.38	75.6	100567.42	1037578	4.8134 ng/ml
Flualprazolam	5.705	215555	4531.88	99.2	170.54	367232	52.4687 ng/ml
Fluoxetine	5.727	973054	23503.89	8.8	6420.90	738879	47.0154 ng/ml
Hydrocodone	3.039	362271	2803.50	33.6	178.23	425548	51.7576 ng/ml
Hydromorphone	1.628	304732	2253011.80	72.4	1568.80	199990	49.8986 ng/ml
Ketamine	4.059	755003	900.11	38.5	587.39	718615	51.3123 ng/ml
Lamotrigine	4.294	71861	1735.53	84.3	197237.60	718615	53.5982 ng/ml
Levetiracetam	2.656	295621	1957.83	140.9	6093.44	2005889	47.4039 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	407315	18278.01	49.2	988.91	154570	47.1718 ng/ml
MDA	3.216	1143294	1275.56	27.3	568.25	715459	54.1553 ng/ml
MDMA	3.310	756560	61048.91	90.7	2132.13	180661	50.1510 ng/ml
Meprobamate	4.911	296528	72875.36	24.1	3315.06	311300	53.0830 ng/ml
Methadone	5.673	1583830	1521.49	51.3	7083.56	1344612	46.7405 ng/ml
Methamphetamine	3.244	1623645	22992.02	39.2	500.78	1331464	52.6670 ng/ml
Metoprolol	4.340	207255	14410.78	93.6	1638.55	1894012	52.4520 ng/ml
Mirtazapine	4.631	1668266	88613.46	45.9	5408.10	982641	48.2539 ng/ml
Mitragynine	5.237	338672	4803.83	35.7	160919.67	1344612	51.0373 ng/ml
Morphine	1.261	46188	218.54	19.1	165.99	17462	51.7967 ng/ml
Norbuprenorphine	5.006	2857	505.39	98.0	71.75	23794	5.0245 ng/ml
Nordiazepam	5.906	399504	915.36	59.2	5603.30	277506	51.0296 ng/ml
Norfentanyl	4.099	173708	1853.25	35.5	2468.85	1547557	4.6489 ng/ml
Norhydrocodone	3.086	45201	184.08	39.5	63.15	83513	44.0644 ng/ml
Noroxycodone	2.930	312486	1237.57	48.6	975.71	204525	50.9684 ng/ml
O-desmethyl-tramadol	3.389	1653403	22447.47	5.8	4800.65	2010355	48.0842 ng/ml
Oxazepam	5.756	563455	3501.78	73.4	1915.60	467243	52.5292 ng/ml
Oxycodone	2.854	700335	1271.06	29.7	399.57	562568	51.0363 ng/ml
Oxymorphone	1.418	254700	402.44	45.9	278.71	171914	48.1226 ng/ml
Phentermine	3.797	459531	2414.82	5.1	584.01	1088089	54.9983 ng/ml
Promethazine	5.552	1754259	77580.57	29.9	530.70	1546343	48.3178 ng/ml
Pseudoephedrine	2.603	1991553	36016.75	16.9	15767.32	2005889	46.6797 ng/ml
Quetiapine	5.555	1001804	37113.86	61.4	27444.94	323526	54.6570 ng/ml
Sertraline	5.796	388461	9480.82	93.5	71087.10	346791	47.8769 ng/ml
Temazepam	5.823	1038836	28728.03	27.4	1684.87	1068219	45.9562 ng/ml
Tramadol	4.259	1768567	112907.72	3.3	867.33	1894012	51.2321 ng/ml
Trazodone	5.135	1228043	121622.91	79.2	5154.39	989097	50.8507 ng/ml
Venlafaxine	5.050	1522773	736.18	34.3	605.20	1765899	48.2595 ng/ml
Zolpidem	4.901	1757541	31453.51	30.0	1385.17	1544602	51.4316 ng/ml

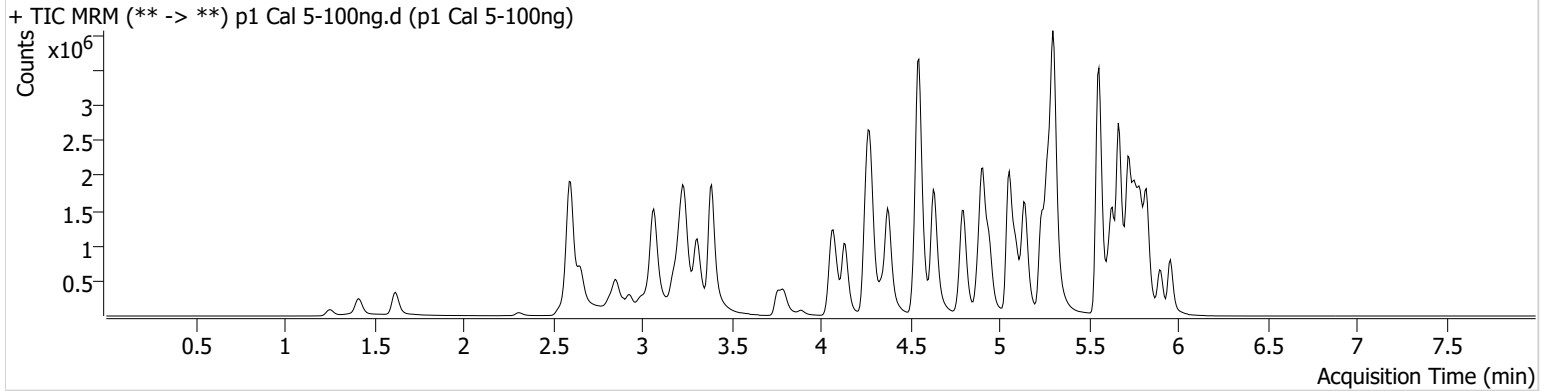
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:45:11 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	32177	493.15	70.4	1896.94	85560	9.9063 ng/ml
7-aminoclonazepam	4.271	546551	635.43	81.7	40709.72	216143	100.9547 ng/ml
a-hydroxyalprazolam	5.699	234295	411.56	69.6	697.52	306484	93.2511 ng/ml
alpha-PHP	4.944	565532	27816.78	258.4	48538.66	897110	101.8139 ng/ml
alpha-PVP	4.383	2031261	2974.90	52.0	1276.88	897110	96.1039 ng/ml
Alprazolam	5.775	862634	∞	108.9	∞	306484	101.2918 ng/ml
Amphetamine	3.069	3219783	33505.75	48.9	2131.10	474920	97.6917 ng/ml
Benzoylcegonine	3.892	48573	137.55	8.1	27.71	17226	98.0886 ng/ml
Buprenorphine	5.806	47993	240590.12	14.3	17655.01	179848	10.1875 ng/ml
Bupropion	4.801	2244850	157762.78	63.6	531.36	806754	101.9395 ng/ml
Carisoprodol	5.730	802876	5077630.70	53.0	9515.98	355981	92.2074 ng/ml
Citalopram	5.239	1557282	54241.17	38.0	38890.92	695109	99.4360 ng/ml
Clonazepam	5.612	950867	5417.21	34.7	41837.98	131737	104.1505 ng/ml
Clonazepam	5.555	553506	62249.08	35.6	4494.52	131737	101.3482 ng/ml
Cocaine	4.277	1304055	38387.72	54.7	24475.15	1172608	98.5002 ng/ml
Codeine	2.593	171588	100.76	102.2	208.97	87295	110.8890 ng/ml
Cyclobenzaprine	5.635	1682021	52111.75	7.3	2442.49	673042	94.7206 ng/ml
Dextromethorphan	5.282	1008690	53933.42	77.2	11494.26	491648	99.0959 ng/ml
Dextrophan	4.139	562890	31314.44	216.6	780.15	687942	95.9468 ng/ml
Diazepam	5.960	709380	644.24	92.0	1539.12	351335	101.7385 ng/ml
Dihydrocodeine	2.572	449508	25270.62	58.9	198.42	289558	105.4036 ng/ml
Diphenhydramine	5.310	4546134	78309.09	31.2	38399.47	2587980	98.4844 ng/ml
Doxylamine	4.550	4587193	144441.18	98.3	65380.65	1954194	106.8599 ng/ml
EDDP	5.275	1532798	1524.12	41.7	5317.98	882646	96.0318 ng/ml
Etizolam	5.820	395635	12058.80	26.1	10005.71	131737	94.8670 ng/ml
Fentanyl	5.109	153270	823.49	76.3	6550.92	942123	9.7386 ng/ml
Flualprazolam	5.705	354307	396.11	102.8	53846.48	306484	103.8296 ng/ml
Fluoxetine	5.727	1760646	438627.06	8.7	200817.55	647813	96.5025 ng/ml
Hydrocodone	3.032	639889	∞	33.3	689.74	379019	103.3766 ng/ml
Hydromorphone	1.621	549564	4066984.89	74.1	1974050.72	177454	101.3747 ng/ml
Ketamine	4.065	1354944	44454.30	38.7	1895.94	659229	101.0225 ng/ml
Lamotrigine	4.301	122262	1739.07	86.1	1704.99	659229	100.0723 ng/ml
Levetiracetam	2.656	548878	6692.51	140.8	24099.26	1767398	99.9877 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	553846	10653.04	50.9	464.76	131737	75.8528 ng/ml
MDA	3.216	1889370	26970.44	27.2	1364.12	618190	104.5793 ng/ml
MDMA	3.310	1356393	105208.84	90.2	1893.90	163109	99.6783 ng/ml
Meprobamate	4.917	488344	40131.50	24.7	9488.03	276382	99.5695 ng/ml
Methadone	5.666	2894520	36480.75	50.4	1473.75	1177349	96.4618 ng/ml
Methamphetamine	3.238	2864462	37428.12	39.0	17320.17	1216624	103.7363 ng/ml
Metoprolol	4.340	368237	2153.58	95.4	7543.43	1729494	102.6649 ng/ml
Mirtazapine	4.631	3184289	123215.57	45.5	44847.81	897110	100.6858 ng/ml
Mitragynine	5.237	566092	217780.09	35.7	268766.37	1177349	97.7878 ng/ml
Morphine	1.253	92973	1362.08	18.9	∞	16694	108.9770 ng/ml
Norbuprenorphine	5.013	5077	235.88	94.5	18448.41	22174	9.7642 ng/ml
Nordiazepam	5.906	673958	1849.91	60.3	1046.65	235096	102.1453 ng/ml
Norfentanyl	4.099	318079	477.21	36.2	4820.28	1393522	9.3910 ng/ml
Norhydrocodone	3.086	82263	415.62	40.0	154.68	70750	92.9111 ng/ml
Noroxycodone	2.930	527226	1314.94	48.3	764.00	176583	99.9656 ng/ml
O-desmethyl-tramadol	3.389	3077633	∞	5.7	6279.68	1830798	98.1845 ng/ml
Oxazepam	5.756	818651	12458.67	74.3	5551.31	350421	102.2010 ng/ml
Oxycodone	2.854	1262160	1150.30	29.5	12983.10	515646	100.6023 ng/ml
Oxymorphone	1.411	466317	∞	47.7	∞	149412	101.5431 ng/ml
Phentermine	3.797	786232	7796.56	5.3	90.59	995695	103.7136 ng/ml
Promethazine	5.552	3126676	3059.22	29.9	3413.28	1361348	97.4262 ng/ml
Pseudoephedrine	2.603	3566688	56256.31	16.7	40972.81	1767398	94.2806 ng/ml
Quetiapine	5.562	1766185	51305.36	61.5	395.81	301774	104.5177 ng/ml
Sertraline	5.796	735857	16489.39	91.8	952.95	325154	96.0805 ng/ml
Temazepam	5.823	1693982	16279.96	26.9	∞	836575	94.2020 ng/ml
Tramadol	4.259	3182554	1467.54	3.3	2473.41	1729494	101.7345 ng/ml
Trazodone	5.142	2256647	131864.15	78.4	1028.15	919073	100.8582 ng/ml
Venlafaxine	5.057	2751387	14765.13	34.3	2038.29	1586494	96.7004 ng/ml
Zolpidem	4.908	3198684	9670.39	29.4	52379.51	1443313	100.4380 ng/ml

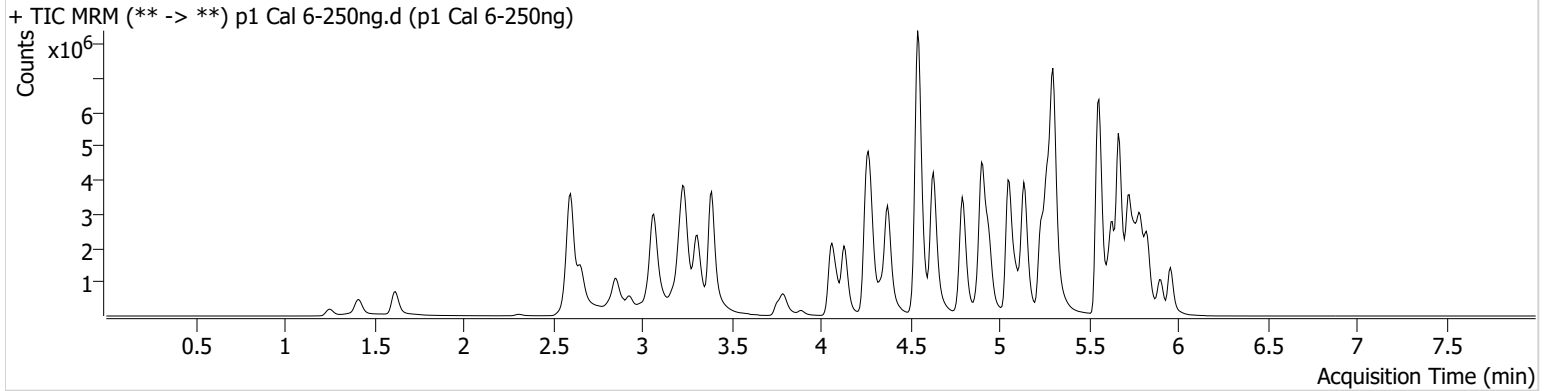
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 8:55:47 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	81155	1056.05	69.3	11367.90	84857	25.1570 ng/ml
7-aminoclonazepam	4.265	918480	14435.97	79.9	19701.94	167380	219.8219 ng/ml
a-hydroxyalprazolam	5.692	353477	887.45	70.9	1596.14	254829	169.3183 ng/ml
alpha-PHP	4.944	1327508	3325.36	259.0	120323.44	840071	255.5859 ng/ml
alpha-PVP	4.376	5064060	233357.47	51.5	2347.81	840071	255.4949 ng/ml
Alprazolam	5.775	1805638	∞	106.8	∞	254829	255.0301 ng/ml
Amphetamine	3.069	6761170	2345.20	47.9	681.19	454230	215.5237 ng/ml
Benzoylcegonine	3.892	127415	11320.98	8.0	4255.79	17466	253.8107 ng/ml
Buprenorphine	5.806	112392	71457.22	14.9	31642.02	172451	24.9619 ng/ml
Bupropion	4.795	5624630	188526.72	62.9	74972.48	806392	255.8620 ng/ml
Carisoprodol	5.730	1349099	214567.89	53.3	4195.33	231252	236.1050 ng/ml
Citalopram	5.232	3438526	98482.44	38.5	40912.22	599202	254.4196 ng/ml
Clonazepam	5.612	1671672	3170.20	34.5	46468.24	101974	237.7015 ng/ml
Clonazepam	5.562	859501	64926.60	37.9	4110.73	101974	204.9546 ng/ml
Cocaine	4.277	2927252	155682.82	55.1	51827.83	1036913	250.1772 ng/ml
Codeine	2.593	348589	6790.47	99.8	11412.65	80542	245.5661 ng/ml
Cyclobenzaprine	5.635	3746235	1196.56	7.0	389.92	550348	256.9742 ng/ml
Dextromethorphan	5.282	2098083	93168.72	78.0	67903.53	409310	247.4393 ng/ml
Dextrophan	4.132	1380766	73759.75	218.7	3411.92	643264	251.2697 ng/ml
Diazepam	5.960	1489284	∞	92.0	∞	301909	248.9561 ng/ml
Dihydrocodeine	2.572	1017711	8006.77	60.9	8709.83	290452	238.6742 ng/ml
Diphenhydramine	5.303	10500600	394624.05	30.4	48342.59	2230797	263.2433 ng/ml
Doxylamine	4.543	11277632	253052.22	97.1	173717.57	1871507	274.9913 ng/ml
EDDP	5.268	3848909	35946.08	41.3	624.80	838922	253.3337 ng/ml
Etizolam	5.820	838475	8525.53	26.9	26645.44	101974	258.5107 ng/ml
Fentanyl	5.109	404167	10602.72	72.3	592917.88	956317	25.2834 ng/ml
Flualprazolam	5.705	692455	36561.67	106.5	51605.46	254829	244.7454 ng/ml
Fluoxetine	5.727	3308244	182362.48	8.4	31171.93	459947	254.5776 ng/ml
Hydrocodone	3.032	1478075	1639.84	33.3	1397.16	369591	245.9001 ng/ml
Hydromorphone	1.621	1349668	13478564.22	74.5	7526932.54	177803	248.4159 ng/ml
Ketamine	4.059	3376527	133897.07	37.9	40249.44	646784	257.6244 ng/ml
Lamotrigine	4.294	253053	1193.14	87.1	4693.05	646784	211.9769 ng/ml
Levetiracetam	2.656	1192795	10251.95	144.5	906.21	1580820	243.0590 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	680528	61375.32	50.0	3377.54	101974	120.9920 ng/ml
MDA	3.209	3614612	1613.68	27.0	3874.65	508626	244.6276 ng/ml
MDMA	3.310	3221117	173794.11	90.5	1965.77	152071	254.0356 ng/ml
Meprobamate	4.911	832039	7146.53	24.2	328.17	224800	209.9863 ng/ml
Methadone	5.666	6871714	193105.86	48.9	68418.36	1046452	255.9683 ng/ml
Methamphetamine	3.238	6886809	86007.94	38.7	983.00	1273115	241.1960 ng/ml
Metoprolol	4.340	806246	800444.73	96.3	10163.00	1572109	248.1889 ng/ml
Mirtazapine	4.631	7655483	5245.60	44.2	112016.86	840071	258.2115 ng/ml
Mitragynine	5.237	1291275	541002.37	35.4	111608.21	1046452	251.5774 ng/ml
Morphine	1.253	212439	416.14	19.9	392.59	17706	234.6977 ng/ml
Norbuprenorphine	5.006	12799	133.21	95.8	220.93	22770	24.2647 ng/ml
Nordiazepam	5.906	1277892	760.87	59.8	942.76	180475	253.0812 ng/ml
Norfentanyl	4.099	784492	46135.99	36.7	92.62	1249912	25.7165 ng/ml
Norhydrocodone	3.086	201208	631.97	41.5	232.11	64135	248.1014 ng/ml
Noroxycodone	2.930	1097031	9920.06	49.7	20756.08	145330	253.3174 ng/ml
O-desmethyl-tramadol	3.389	7767177	∞	5.6	34205.95	1762927	257.1818 ng/ml
Oxazepam	5.756	1073680	12301.73	72.8	4486.56	188340	250.0620 ng/ml
Oxycodone	2.848	3077493	53943.23	29.4	36089.38	506520	250.1050 ng/ml
Oxymorphone	1.411	1169004	∞	43.4	210.86	140699	270.5765 ng/ml
Phentermine	3.797	1718280	∞	5.2	754.74	981531	231.1682 ng/ml
Promethazine	5.552	7238480	4979.88	28.8	2283.74	1195405	256.2280 ng/ml
Pseudoephedrine	2.603	8461746	516.17	16.3	68746.95	1580820	249.1153 ng/ml
Quetiapine	5.562	3561264	2207.45	62.1	130015.83	272690	234.8985 ng/ml
Sertraline	5.796	1336560	96058.21	89.7	34744.62	228077	247.7845 ng/ml
Temazepam	5.830	2791564	15851.63	26.7	3229.77	547543	235.0986 ng/ml
Tramadol	4.259	7538983	∞	3.1	1105.41	1572109	266.3965 ng/ml
Trazodone	5.135	5636062	2097.19	78.7	157432.46	912690	254.1170 ng/ml
Venlafaxine	5.050	6886280	108521.13	33.1	1844.52	1516984	252.5453 ng/ml
Zolpidem	4.901	8044643	627642.56	27.6	2176.90	1431554	255.1038 ng/ml

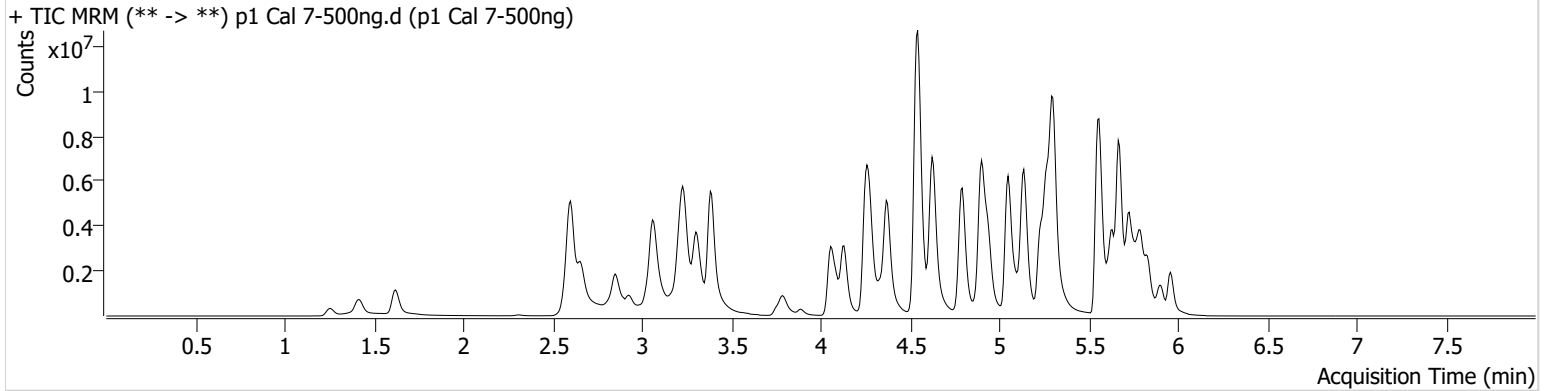


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng.d
Type Cal **Sample** p1 Cal 7-500ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-G1 **Comment**
Injection Volume 2
Acq. Date-Time 1/26/2022 9:06:23 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	146018	5923.71	69.2	1381.82	76735	50.0322 ng/ml
7-aminoclonazepam	4.265	1087709	2961.07	77.6	21506.53	119116	366.2236 ng/ml
a-hydroxyalprazolam	5.692	406276	563.20	70.3	1478.39	187317	264.8283 ng/ml
alpha-PHP	4.937	2205217	88922.01	265.4	234434.92	717631	497.2396 ng/ml
alpha-PVP	4.376	8737030	294268.66	51.6	11664.34	717631	515.7900 ng/ml
Alprazolam	5.775	2568051	281.82	107.2	253.59	187317	493.4615 ng/ml
Amphetamine	3.063	10122158	241.41	47.9	362.88	388094	378.2996 ng/ml
Benzoylcegonine	3.886	259788	264.50	8.2	101.59	17857	506.1747 ng/ml
Buprenorphine	5.806	179980	1575553.89	14.4	42104.60	140553	49.0993 ng/ml
Bupropion	4.795	9862456	172402.16	62.3	37731.38	714043	506.8778 ng/ml
Carisoprodol	5.737	1560650	138847.93	52.1	9106.85	128566	489.6409 ng/ml
Citalopram	5.232	5120525	161399.09	38.1	48250.51	445109	509.8553 ng/ml
Clonazepam	5.612	1957129	32022.26	34.8	1776.05	66845	425.2584 ng/ml
Clonazepam	5.569	935098	11739.69	37.7	68069.89	66845	341.2428 ng/ml
Cocaine	4.271	4683942	67937.24	54.9	72361.67	823005	504.4475 ng/ml
Codeine	2.593	527721	7655.97	98.7	6262.67	67478	444.6715 ng/ml
Cyclobenzaprine	5.635	5840281	2783.38	6.9	371.88	415168	530.4261 ng/ml
Dextromethorphan	5.275	3055550	118559.56	77.4	62169.36	290358	507.8861 ng/ml
Dextrophan	4.132	2349972	4059.36	220.7	189935.11	541003	508.2037 ng/ml
Diazepam	5.960	2284587	295.32	92.6	403.24	233525	494.0079 ng/ml
Dihydrocodeine	2.565	1739282	14629.78	61.6	10382.59	275820	430.0263 ng/ml
Diphenhydramine	5.303	15898362	108696.56	31.8	134051.71	1700391	522.5000 ng/ml
Doxylamine	4.543	19078817	126454.28	97.7	102611.34	1743844	499.6188 ng/ml
EDDP	5.268	6985285	126321.92	40.1	86660.41	737810	522.5351 ng/ml
Etizolam	5.820	1254124	9753.10	26.6	889783.50	66845	588.9585 ng/ml
Fentanyl	5.103	747018	8102.20	72.0	3297.74	864410	51.6894 ng/ml
Flualprazolam	5.705	931476	38659.93	108.5	18273.03	187317	448.3067 ng/ml
Fluoxetine	5.727	4804914	196428.90	8.4	20091.78	326534	520.3020 ng/ml
Hydrocodone	3.032	2556251	1083.42	35.1	231.61	326861	481.5782 ng/ml
Hydromorphone	1.621	2353660	13626779.11	74.8	7816087.18	153853	500.6026 ng/ml
Ketamine	4.059	5771358	148256.53	37.0	35237.00	575126	495.8292 ng/ml
Lamotrigine	4.294	360321	16664.88	84.8	2685.03	575126	339.9087 ng/ml
Levetiracetam	2.663	1968703	2672.86	147.9	8343.33	1249538	507.6219 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.753	684057	19709.60	49.8	4719.87	66845	186.0662 ng/ml
MDA	3.209	4728613	3275.55	26.7	3448.41	398228	409.4740 ng/ml
MDMA	3.303	5405416	4332.53	91.8	16962.58	127491	508.5823 ng/ml
Meprobamate	4.911	1000556	176.63	24.2	6565.89	173463	327.9710 ng/ml
Methadone	5.666	11146420	101657.98	49.0	136284.28	839068	516.7905 ng/ml
Methamphetamine	3.238	11663262	175711.64	37.0	59924.29	1210905	431.1861 ng/ml
Metoprolol	4.333	1237912	298030.47	96.7	98264.55	1357337	441.8656 ng/ml
Mirtazapine	4.624	13331553	171358.96	44.2	144963.23	717631	526.1887 ng/ml
Mitragynine	5.237	2057182	3070.47	35.6	855.43	839068	500.2493 ng/ml
Morphine	1.253	378236	265.94	19.8	265.06	15118	489.3127 ng/ml
Norbuprenorphine	5.006	23296	267.92	92.3	343.02	19238	52.5087 ng/ml
Nordiazepam	5.906	1742252	775.92	56.2	24424.64	122463	509.0381 ng/ml
Norfentanyl	4.093	1408236	132398.46	35.8	7757.97	996850	57.8068 ng/ml
Norhydrocodone	3.080	370272	214.43	40.9	94.65	54344	537.0376 ng/ml
Noroxycodone	2.930	1729315	8261.76	49.1	8663.42	119525	485.8805 ng/ml
O-desmethyl-tramadol	3.383	13642563	62892.67	5.5	15748.24	1527468	521.2612 ng/ml
Oxazepam	5.756	985335	9392.58	72.8	1799.22	91628	472.1199 ng/ml
Oxycodone	2.848	5518918	4399.62	29.2	∞	450357	504.7172 ng/ml
Oxymorphone	1.418	1888750	∞	45.3	∞	130470	471.5534 ng/ml
Phentermine	3.790	2753131	8304.22	5.2	2725.45	893720	407.5547 ng/ml
Promethazine	5.552	11985266	5725.47	28.8	3013.21	962629	526.4377 ng/ml
Pseudoephedrine	2.603	13992973	91732.67	16.0	66822.81	1249538	520.5410 ng/ml
Quetiapine	5.562	5279930	708.99	61.1	595.16	236039	403.3068 ng/ml
Sertraline	5.796	1918189	89345.64	91.0	32233.89	159714	507.1627 ng/ml
Temazepam	5.830	3232883	18107.64	26.6	2088.75	304674	487.8151 ng/ml
Tramadol	4.252	12337117	5370.63	3.1	479.49	1357337	505.6339 ng/ml
Trazodone	5.135	9836035	3033.20	78.7	923.87	797519	507.8305 ng/ml
Venlafaxine	5.050	11951088	1752.64	32.5	2350.41	1260005	527.2958 ng/ml
Zolpidem	4.901	13385941	1229670.77	27.3	1430.77	1300385	467.5313 ng/ml

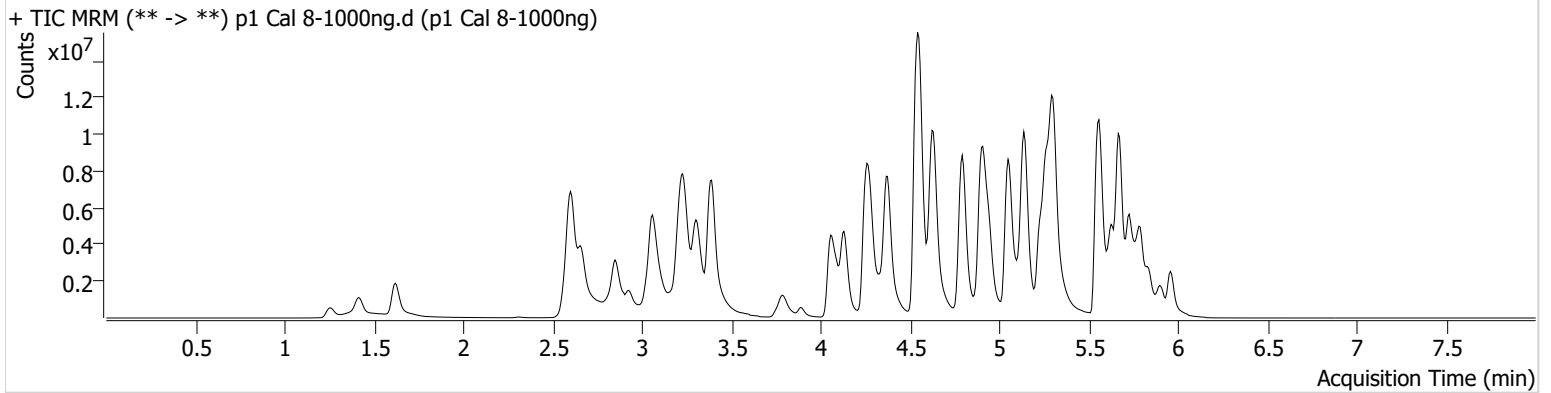
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\1-25-22 AM 27 28 Combo Run CS\QuantResults\AM 28.batch.bin
Calibration Last Update 1/27/2022 1:12:22 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	1/26/2022 9:17:01 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.151	276727	570.88	68.0	232.71	69754	104.2839 ng/ml
7-aminoclonazepam	4.265	879189	9218.00	78.7	708.99	69875	504.8609 ng/ml
a-hydroxyalprazolam	5.692	424916	∞	66.0	1090.12	134251	386.5254 ng/ml
alpha-PHP	4.944	3476489	178479.56	268.0	462323.01	603001	933.1187 ng/ml
alpha-PVP	4.376	14958472	1523.96	51.2	6846.83	603001	1050.7148 ng/ml
Alprazolam	5.775	3745694	205.41	106.5	362.66	134251	1004.2703 ng/ml
Amphetamine	3.063	13879881	182.23	47.5	162.28	360910	558.2229 ng/ml
Benzoylecgonine	3.886	540584	424.09	8.1	3934.85	18928	993.7115 ng/ml
Buprenorphine	5.806	280890	2466.57	14.4	105386.56	110184	97.8032 ng/ml
Bupropion	4.795	16664294	290895.99	63.4	225535.06	661576	924.5587 ng/ml
Carisoprodol	5.737	1684683	77016.32	51.9	2320.26	65516	1035.5227 ng/ml
Citalopram	5.226	6834622	∞	37.4	78571.75	297061	1019.5086 ng/ml
Clonazepam	5.612	2086101	6366.74	34.0	4480.30	40720	744.7730 ng/ml
Clonazepam	5.576	934609	529.85	38.2	79697.40	40720	560.9243 ng/ml
Cocaine	4.277	7170043	71093.60	54.4	1485.05	618726	1027.2340 ng/ml
Codeine	2.593	774636	9021.11	97.9	8344.33	51686	853.2202 ng/ml
Cyclobenzaprine	5.635	8295157	49451.37	6.8	1940.94	286989	1089.2437 ng/ml
Dextromethorphan	5.275	3934329	51870.84	77.2	27987.49	186890	1015.9055 ng/ml
Dextrophan	4.132	3936911	26252.27	222.6	18493.75	435936	1056.3056 ng/ml
Diazepam	5.960	3462939	89.25	92.4	92.92	179973	971.8860 ng/ml
Dihydrocodeine	2.565	2844929	11325.61	62.4	12796.14	290964	667.1172 ng/ml
Diphenhydramine	5.303	21887476	110642.43	34.2	114474.49	1222140	1000.4653 ng/ml
Doxylamine	4.543	28347684	2451.01	98.2	215838.85	1610152	804.2408 ng/ml
EDDP	5.268	12067000	103023.44	40.1	380508.14	622561	1069.5395 ng/ml
Etizolam	5.820	1883754	6009.70	26.0	541.76	40720	1451.1629 ng/ml
Fentanyl	5.103	1422129	26890.18	74.8	3298.50	816886	104.1181 ng/ml
Flualprazolam	5.705	1116406	13261.95	109.6	32631.42	134251	750.0381 ng/ml
Fluoxetine	5.727	6152012	121378.58	8.5	23072.11	201220	1080.5142 ng/ml
Hydrocodone	3.032	4532659	496.40	35.8	347.51	306054	912.6374 ng/ml
Hydromorphone	1.621	4353541	19330492.43	73.2	10083198.7	143535	992.4782 ng/ml
					0		
Ketamine	4.059	9729107	410405.25	36.3	2202.79	522592	920.4451 ng/ml
Lamotrigine	4.301	436423	2001.66	86.8	472.25	522592	453.3467 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.663	3070176	4490.97	147.5	101144.50	926470	1067.7772 ng/ml
Lorazepam	5.753	727047	4288.36	50.6	5241.66	40720	325.3771 ng/ml
MDA	3.203	6152349	46155.43	25.9	3886.98	287718	738.2710 ng/ml
MDMA	3.303	8069628	232396.83	91.5	113885.91	98202	985.7888 ng/ml
Meprobamate	4.911	1005033	164.53	24.2	83.07	124095	461.0178 ng/ml
Methadone	5.673	16143792	202287.94	51.8	67749.46	637341	984.4810 ng/ml
Methamphetamine	3.231	18672546	11212.31	36.7	105300.74	1230703	680.4780 ng/ml
Metoprolol	4.340	1705597	116364.72	99.0	52602.59	1200873	688.4826 ng/ml
Mirtazapine	4.632	21076812	18085.53	45.6	182469.05	603001	989.8691 ng/ml
Mitragynine	5.237	3118675	8353.82	36.5	352040.65	637341	998.8034 ng/ml
Morphine	1.261	662634	23708.90	20.8	1007.09	14069	921.0937 ng/ml
Norbuprenorphine	5.006	38909	334.02	93.7	247.44	17210	98.2098 ng/ml
Nordiazepam	5.906	2148615	17813.12	58.1	6398.26	85572	898.8031 ng/ml
Norfentanyl	4.093	2415101	442.59	36.4	18604.20	725553	136.1247 ng/ml
Norhydrocodone	3.080	703680	162.04	41.6	543.83	46367	1194.3305 ng/ml
Noroxycodone	2.923	2731344	1463.56	49.2	125.32	93471	981.7194 ng/ml
O-desmethyl-tramadol	3.391	22322108	155593.62	5.8	32637.36	1286151	1012.8312 ng/ml
Oxazepam	5.756	892274	79542.31	73.0	2945.08	41325	948.4186 ng/ml
Oxycodone	2.848	10091913	∞	29.0	9268.81	434643	956.5306 ng/ml
Oxymorphone	1.411	3566904	∞	45.2	∞	119408	973.1919 ng/ml
Phentermine	3.790	4235432	∞	5.2	3474.71	854189	656.6197 ng/ml
Promethazine	5.552	17440937	139587.77	29.5	26514.74	725356	1016.3038 ng/ml
Pseudoephedrine	2.603	22611475	137694.61	15.9	66501.97	926470	1133.7823 ng/ml
Quetiapine	5.562	7150578	248.97	61.7	311.37	202463	637.5630 ng/ml
Sertraline	5.796	2412700	58426.32	92.5	58003.23	101694	1001.2420 ng/ml
Temazepam	5.837	3414947	∞	26.8	9585.64	151200	1036.7743 ng/ml
Tramadol	4.252	18268460	2238.62	3.2	2186.45	1200873	846.8175 ng/ml
Trazodone	5.135	16402810	92833.73	79.5	279423.73	732195	922.6715 ng/ml
Venlafaxine	5.050	19047252	15122.50	33.5	173281.29	1014040	1043.8855 ng/ml
Zolpidem	4.901	19965045	1244.06	29.5	72579.06	1236601	733.4466 ng/ml