







REVIEWED

By Tamara Salazar at 2:25 pm, Jun 10, 2022

6/9/2022

CS

Worklist: 5975

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-1322	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-1889	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0893	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-0997	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1440	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-1466	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	

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

Extraction Date: 05/25/2022

Analyst: Celena Shrum

Plate lot#: 220324

Plate Retest Date: 09/24/2022

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 20L20723

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

LCMS-QQQ ID: 069901

Blank Urine Lot: POC021022

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. (SKIPPED PER DEVIATION)
- 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.
- 16. Add 50 ul 1% HCl in MeOH to all wells with samples.
- 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 18. 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 R² values ≥0.98 for each analyte.
- 4. For unknown samples and controls: response ratio within 20% of average of controls and standards, RT within +/- 5% (tramadol RT +/-2%), S/N for primary transition >10 and secondary transitions >5.
- 5. Did all QCs pass for each analyte? Yes, see comments Add Control data to QC tracking spreadsheet.
- 6. Central File Packet to include: LIMS Worklist, Method Checklist, Calibration and Control Reports.

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

	1	2	3	4	5	6	7	8	9	10	11	12
A					IS + Cal. 1	IS + QC_1	M2022-1889-3					
B					IS + Cal. 2	IS + QC_2	P2022-0893-1					
C					IS + Cal. 3	IS + QC_3	P2022-0997-2					
D					IS + Cal. 4	IS + QC_4	P2022-1440-1					
E					IS + Cal. 5	IS + QC_2	P2022-1466-1					
F					IS + Cal. 6	Neg Blood						
G					IS + Cal. 7	Neg Urine						
H					IS + Cal. 8	M2022-1322-2						

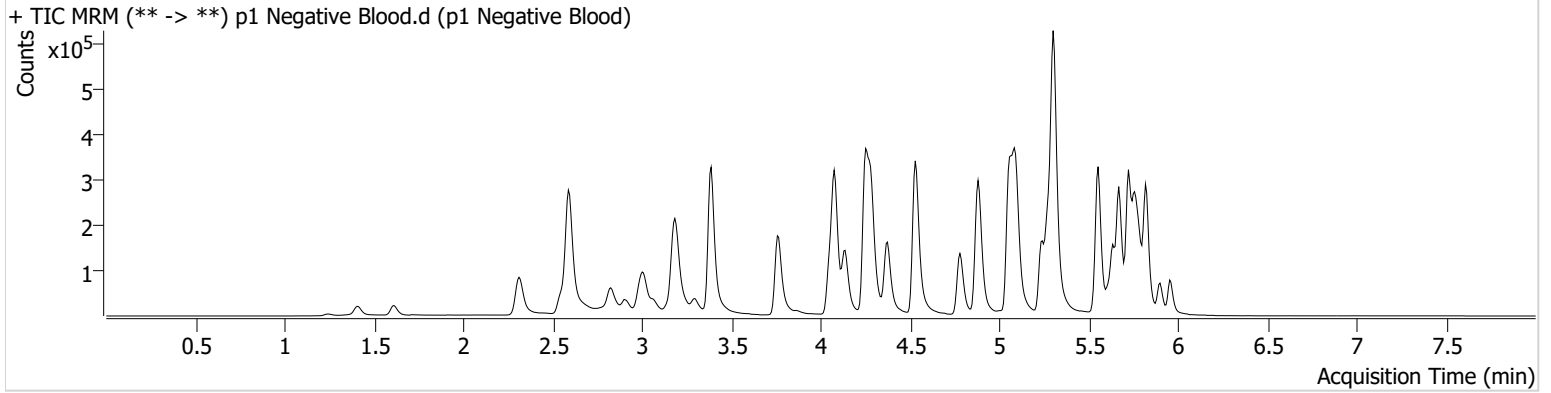
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument Type	Falco (069901) Sample	Data File	p1 Negative Blood.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Blood
Sample Position	P6-F6	Operator	Celena Shrum
Injection Volume	2	Comment	
Acq. Date-Time	5/25/2022 11:42:27 PM		
Sample Info.			

Sample Chromatogram



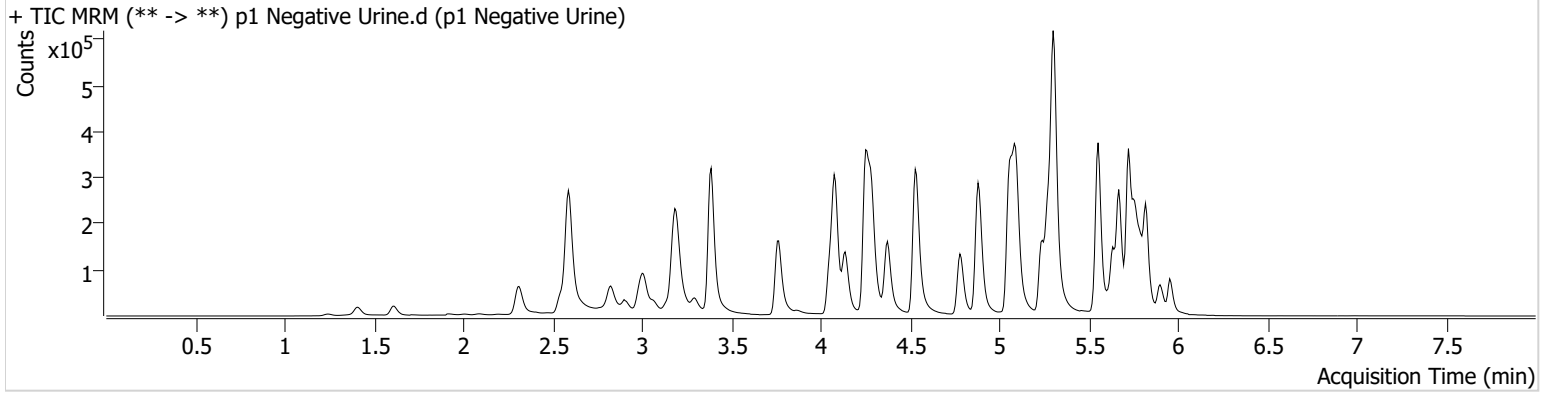
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Negative Urine.d
Type	Sample	Sample	p1 Negative Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G6	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 11:53:03 PM		
Sample Info.			

Sample Chromatogram



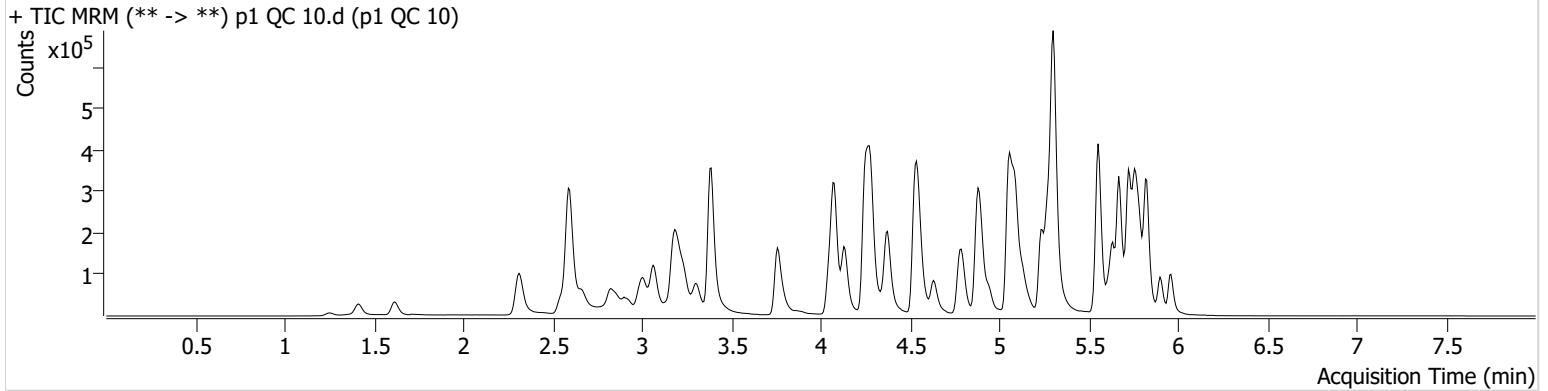
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A6	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 9:45:35 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	1394	6236.23	72.1	4499.18	34626	0.8953 ng/ml
7-aminoclonazepam	4.270	14060	55.94	70.9	534.04	50785	10.5424 ng/ml
a-hydroxyalprazolam	5.706	15155	834.00	66.3	706.35	164270	10.5963 ng/ml
alpha-PHP	4.943	28448	865.99	261.3	7757.97	378185	9.9247 ng/ml
alpha-PVP	4.381	100540	289.81	50.2	3601.66	378185	9.9061 ng/ml
Alprazolam	5.782	48545	377.36	108.6	428.55	164270	9.7954 ng/ml
Amphetamine	3.065	178329	651.60	48.9	989.14	173337	10.2429 ng/ml
Benzoylcegonine	3.897	2822	67.87	9.0	233.42	8422	11.1480 ng/ml
Buprenorphine	5.779	2705	2184.41	12.4	529.88	90883	1.1203 ng/ml
Bupropion	4.794	98754	458.00	68.2	727.85	340637	10.0334 ng/ml
Carisoprodol	5.731	53258	164456.93	63.7	195.12	249865	9.8328 ng/ml
Citalopram	5.232	82797	218.11	32.6	1104.71	366043	10.0963 ng/ml
Clonazepam	5.619	53619	253.17	34.6	31197.80	70865	10.2733 ng/ml
Clonazepam	5.556	35653	14005.05	34.8	22032.45	70865	10.2668 ng/ml
Cocaine	4.276	68144	5874.44	57.5	658.97	544106	10.0991 ng/ml
Codeine	2.600	7471	165.07	107.7	23.82	35634	9.9286 ng/ml
Cyclobenzaprine	5.635	50907	4665.40	8.9	33.38	235888	9.0616 ng/ml
Dextromethorphan	5.281	42713	1545.24	84.9	95.35	171193	10.2724 ng/ml
Dextrophan	4.137	26447	1294.71	198.3	2072.19	281367	9.7410 ng/ml
Diazepam	5.960	32839	320.89	91.8	198.64	139883	10.7069 ng/ml
Dihydrocodeine	2.579	18287	2234.19	68.8	∞	106583	10.5670 ng/ml
Diphenhydramine	5.302	211362	21957.11	29.9	187.11	1258009	10.8303 ng/ml
Doxylamine	4.548	194281	5527.01	98.5	1731.89	853730	10.0194 ng/ml
EDDP	5.274	57695	2976.36	42.2	973.63	320590	9.5879 ng/ml
Etizolam	5.827	26018	52682.66	25.5	11405.48	70865	9.7756 ng/ml
Fentanyl	5.109	6940	336.56	63.4	33.57	374154	1.0109 ng/ml
Flualprazolam	5.713	19108	1955.13	94.0	360.32	164270	10.5905 ng/ml
Fluoxetine	5.728	68608	68202.54	7.4	121.32	258294	9.9172 ng/ml
Hydrocodone	3.034	28520	270.90	37.9	191.80	167855	9.9446 ng/ml
Hydromorphone	1.621	23283	205.93	77.2	581.91	73687	9.7536 ng/ml
Ketamine	4.063	69773	601.84	34.1	75.69	288286	10.1694 ng/ml
Lamotrigine	4.292	5249	247.25	88.9	9959.85	288286	10.3062 ng/ml
Levetiracetam	2.664	30872	580.93	159.1	1175.55	787266	9.9444 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	48939	1750.68	55.3	100.87	70865	10.3623 ng/ml
MDA	3.212	111861	1102.94	28.8	88.07	216601	11.4649 ng/ml
MDMA	3.306	65464	1799.95	86.5	1053.97	64689	9.7029 ng/ml
Meprobamate	4.910	26325	6528.37	28.5	445.33	139853	10.0389 ng/ml
Methadone	5.673	112626	553.52	65.5	1175.64	476528	10.1958 ng/ml
Methamphetamine	3.240	115582	309.31	39.0	417.42	452821	10.4891 ng/ml
Metoprolol	4.345	20513	1256.76	91.7	599.17	778813	10.7823 ng/ml
Mirtazapine	4.630	123485	1024.04	56.3	1350.58	378185	9.7246 ng/ml
Mitragynine	5.236	25830	2968.68	37.3	37.91	476528	10.2330 ng/ml
Morphine	1.261	3193	96.11	29.6	139.24	4061	9.7632 ng/ml
Norbuprenorphine	5.012	226	401.88	98.6	668.24	10881	0.5503 ng/ml
Nordiazepam	5.907	36043	2181.05	53.5	413.03	116166	10.2798 ng/ml
Norfentanyl	4.097	16325	69.57	35.4	81.71	673449	1.0047 ng/ml
Norhydrocodone	3.082	4146	57.72	36.2	19.62	43098	9.4937 ng/ml
Noroxycodone	2.925	30194	12.11	47.3	2241.65	87974	9.9678 ng/ml
O-desmethyl-tramadol	3.386	158673	866.25	5.7	997.28	814334	9.8094 ng/ml
Oxazepam	5.763	61090	2691.67	73.6	131.50	336195	10.3729 ng/ml
Oxycodone	2.856	54939	14.97	31.6	295.26	192862	10.5646 ng/ml
Oxymorphone	1.418	22030	61.42	48.7	430.44	65278	10.1174 ng/ml
Phentermine	3.794	39279	302.90	5.1	41.34	475185	10.2657 ng/ml
Promethazine	5.552	129488	1990.04	30.6	334.69	576728	9.7490 ng/ml
Pseudoephedrine	2.604	159322	169.30	17.1	2652.71	787266	10.0885 ng/ml
Quetiapine	5.555	83698	1839.14	57.1	5952.28	119506	9.9342 ng/ml
Sertraline	5.796	18973	376.96	89.0	119.70	77334	10.6825 ng/ml
Temazepam	5.824	98650	362.90	28.4	338.75	492335	9.2804 ng/ml
Tramadol	4.257	173630	173.32	3.2	61.11	778813	10.1894 ng/ml
Trazodone	5.128	94883	1524.44	76.5	610.24	361583	10.4469 ng/ml
Venlafaxine	5.056	144872	13566.47	31.3	521.22	750777	10.1287 ng/ml
Zolpidem	4.900	129468	1214.63	31.6	6245.79	618795	10.3192 ng/ml

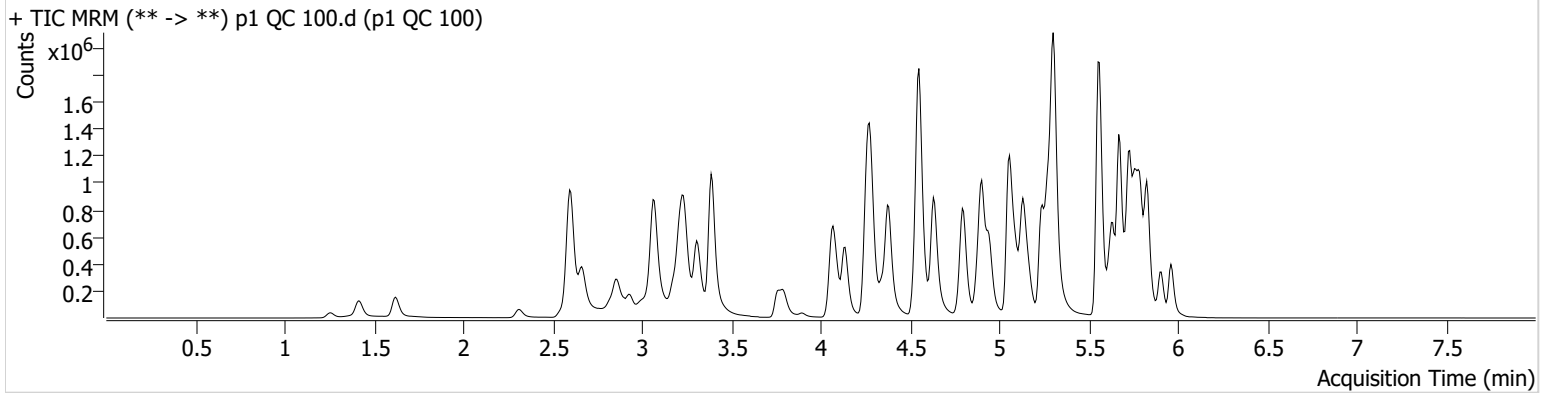
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B6	Comment	
Injection Volume	2		
Acq. Date-Time	5/26/2022 2:32:23 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	16903	25902.98	70.1	4885.49	40478	9.8794 ng/ml
7-aminoclonazepam	4.270	183717	281.39	70.6	3282.01	67812	108.7580 ng/ml
a-hydroxyalprazolam	5.699	130827	1210.72	67.6	1111.87	165279	95.2593 ng/ml
alpha-PHP	4.943	327041	2734.40	259.1	35714.55	429284	102.6763 ng/ml
alpha-PVP	4.381	1158509	2695.04	50.6	559.41	429284	99.6850 ng/ml
Alprazolam	5.782	516328	3547.62	105.2	∞	165279	101.2191 ng/ml
Amphetamine	3.071	1881470	502.29	45.3	2134.38	198686	103.6101 ng/ml
Benzoylcegonine	3.897	28042	59544.63	8.4	5191.51	9840	96.6431 ng/ml
Buprenorphine	5.785	27782	58959.05	16.2	8056.08	107926	10.0590 ng/ml
Bupropion	4.800	1161482	476.24	68.7	34469.93	400938	101.4591 ng/ml
Carisoprodol	5.731	474407	18606.68	63.4	3246.37	222523	96.8092 ng/ml
Citalopram	5.232	941559	37273.12	32.4	1403.53	406473	102.0882 ng/ml
Clonazepam	5.619	500006	22023.98	34.6	239253.15	71644	101.2628 ng/ml
Clonazolam	5.563	317794	26180.93	36.4	226545.55	71644	98.9703 ng/ml
Cocaine	4.276	737107	1324.98	58.2	78980.59	603979	98.9711 ng/ml
Codeine	2.600	78078	3797.64	105.8	3677.69	39929	101.5433 ng/ml
Cyclobenzaprine	5.635	689095	24300.80	8.2	2070.86	284898	94.7877 ng/ml
Dextromethorphan	5.281	482229	32076.78	84.2	24699.33	199187	101.8661 ng/ml
Dextroprhan	4.137	310798	9837.83	196.2	8750.97	315130	99.7210 ng/ml
Diazepam	5.960	348138	485.87	90.5	2996.84	152603	105.3170 ng/ml
Dihydrocodeine	2.579	205423	14322.40	70.9	4334.10	127756	101.1920 ng/ml
Diphenhydramine	5.302	2393710	101814.16	31.9	17325.68	1434685	105.0070 ng/ml
Doxylamine	4.548	2306448	14418.70	98.9	15576.27	991295	103.1626 ng/ml
EDDP	5.274	660312	71539.95	42.7	295.51	378234	91.4747 ng/ml
Etizolam	5.820	276270	3599.37	27.6	193537.93	71644	99.2824 ng/ml
Fentanyl	5.109	90648	5358.38	63.9	90881.32	486176	10.2641 ng/ml
Flualprazolam	5.713	191994	12208.26	96.4	12593.87	165279	107.7606 ng/ml
Fluoxetine	5.728	861302	109770.67	7.4	230.86	318638	97.7662 ng/ml
Hydrocodone	3.034	310598	159.08	37.7	213.00	189406	101.7723 ng/ml
Hydromorphone	1.621	248573	1717.48	78.3	1345.84	78045	97.4753 ng/ml
Ketamine	4.063	790680	231129.06	33.3	390.64	333160	104.8685 ng/ml
Lamotrigine	4.292	57956	3958.99	89.8	74257.86	333160	110.7052 ng/ml
Levetiracetam	2.664	313253	593.94	163.6	16420.59	859726	95.1774 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	341915	11795.04	54.1	1052.97	71644	82.5638 ng/ml
MDA	3.212	1090102	4085.94	28.3	500.69	233155	112.4606 ng/ml
MDMA	3.306	751930	798232.06	86.2	2524.96	72536	99.9355 ng/ml
Meprobamate	4.916	253111	2416.15	29.1	10743.82	139950	104.7557 ng/ml
Methadone	5.666	1360173	101949.49	63.8	13850.86	560077	95.6734 ng/ml
Methamphetamine	3.240	1283707	2417.61	38.9	658.98	545206	104.1689 ng/ml
Metoprolol	4.345	218066	1664434.54	96.2	978.09	903419	104.6993 ng/ml
Mirtazapine	4.630	1479021	104179.50	55.3	47386.61	429284	101.6139 ng/ml
Mitragynine	5.236	308964	900.61	35.8	382914.33	560077	104.0468 ng/ml
Morphine	1.261	34576	119.21	28.5	30.44	4277	102.2886 ng/ml
Norbuprenorphine	5.012	3169	72.82	89.4	186.40	12851	10.6434 ng/ml
Nordiazepam	5.907	364615	4949.88	53.6	2240.16	122163	101.7460 ng/ml
Norfentanyl	4.097	184615	149.59	35.8	2378.09	734704	9.9029 ng/ml
Norhydrocodone	3.089	41923	72.79	38.1	68.12	37304	99.5691 ng/ml
Noroxycodone	2.932	299807	1612.47	49.6	3912.03	89681	100.4455 ng/ml
O-desmethyl-tramadol	3.393	1815177	∞	5.9	441.06	928793	97.1107 ng/ml
Oxazepam	5.763	495201	4923.08	71.5	232.54	277619	107.1490 ng/ml
Oxycodone	2.850	622311	468.96	30.6	435.27	228874	105.2835 ng/ml
Oxymorphone	1.418	244743	1533.40	47.7	1049.74	73848	105.6673 ng/ml
Phentermine	3.794	427988	188.60	4.9	186.16	550403	103.1856 ng/ml
Promethazine	5.552	1712326	53864.84	30.6	1041.55	725143	98.9325 ng/ml
Pseudoephedrine	2.604	1754698	76445.09	17.0	206.86	859726	98.7779 ng/ml
Quetiapine	5.555	892881	97456.46	59.9	468077.21	142382	96.8652 ng/ml
Sertraline	5.796	267956	11121.00	92.6	149399.76	111737	97.7190 ng/ml
Temazepam	5.824	930670	18139.70	27.9	5552.74	457448	103.2236 ng/ml
Tramadol	4.264	1926732	174228.10	3.3	171.79	903419	101.1658 ng/ml
Trazodone	5.128	1142760	144335.49	81.5	596.72	440201	102.4832 ng/ml
Venlafaxine	5.056	1681003	2084.71	31.3	7392.86	876955	98.9886 ng/ml
Zolpidem	4.900	1517729	16232.54	30.2	492572.97	715215	109.7307 ng/ml

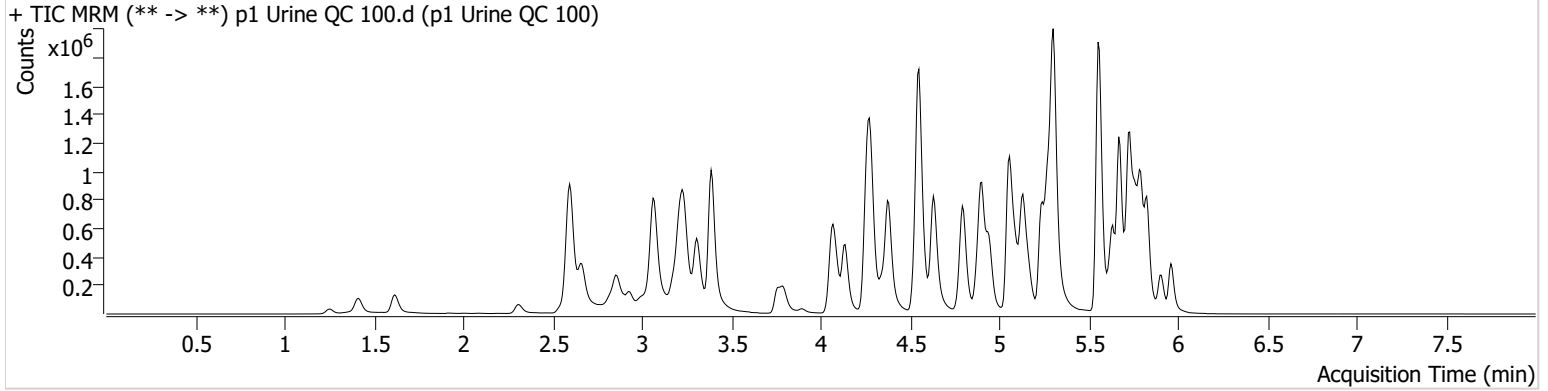


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument Falco (069901) **Data File** p1 Urine QC 100.d
Type QC **Sample** p1 Urine QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-E6 **Comment**
Injection Volume 2
Acq. Date-Time 5/25/2022 11:21:13 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	15691	5765.45	72.2	534.13	38838	9.5563 ng/ml
7-aminoclonazepam	4.270	230605	∞	67.8	97.22	87872	105.3306 ng/ml
a-hydroxyalprazolam	5.699	105742	440.55	69.0	320.24	136292	93.3576 ng/ml
alpha-PHP	4.943	292323	1307.50	258.5	52938.35	409005	96.3120 ng/ml
alpha-PVP	4.381	1082498	884.47	51.2	5801.92	409005	97.7646 ng/ml
Alprazolam	5.782	426440	1631.30	104.4	949.11	136292	101.3771 ng/ml
Amphetamine	3.065	1629049	954.11	48.8	11510.00	188167	94.6267 ng/ml
Benzoylcegonine	3.897	27622	315.46	8.3	202.98	9563	97.9531 ng/ml
Buprenorphine	5.779	24704	16044.13	15.4	7170.53	92914	10.3914 ng/ml
Bupropion	4.794	1085166	3602.52	68.8	1049.36	376568	100.9268 ng/ml
Carisoprodol	5.731	389675	40327.33	62.5	629.06	176266	100.3803 ng/ml
Citalopram	5.232	882449	535.15	32.4	11289.96	374614	103.8138 ng/ml
Clonazepam	5.619	316203	13879.34	34.7	3403.81	41087	111.7450 ng/ml
Clonazepam	5.563	241437	300.32	36.9	7784.45	41087	131.4602 ng/ml
Cocaine	4.276	673095	79541.81	57.7	52463.12	556613	98.0663 ng/ml
Codeine	2.600	73393	4632.98	104.8	4212.13	36139	105.5031 ng/ml
Cyclobenzaprine	5.635	683248	126550.15	8.1	624.64	267792	99.9502 ng/ml
Dextromethorphan	5.281	455347	343.62	84.1	378.05	188766	101.4965 ng/ml
Dextrophan	4.137	287226	539.18	198.3	1180.93	285949	101.5577 ng/ml
Diazepam	5.960	307541	2780.16	90.9	∞	133380	106.4461 ng/ml
Dihydrocodeine	2.573	194325	2542.23	70.2	13909.99	117155	104.3955 ng/ml
Diphenhydramine	5.302	2246548	20270.28	32.2	71435.57	1372144	103.0486 ng/ml
Doxylamine	4.548	2176858	13468.97	97.4	73352.32	915218	105.4616 ng/ml
EDDP	5.274	669173	2013.72	41.8	4642.41	375994	93.2512 ng/ml
Etizolam	5.820	228297	3911.43	28.2	36490.41	41087	142.8998 ng/ml
Fentanyl	5.109	85613	5123.44	63.4	2993.14	456984	10.3133 ng/ml
Flualprazolam	5.713	171429	5166.75	92.2	384.70	136292	116.7007 ng/ml
Fluoxetine	5.728	1123452	27889.30	7.6	327.72	409988	99.1047 ng/ml
Hydrocodone	3.034	283410	296.99	38.5	105.07	172339	102.0625 ng/ml
Hydromorphone	1.621	221935	1237.00	79.8	1349248.06	66868	101.5725 ng/ml
Ketamine	4.063	733606	16287.53	33.0	1109.47	317696	102.0188 ng/ml
Lamotrigine	4.292	54001	640.40	90.4	505.02	317696	108.1394 ng/ml
Levetiracetam	2.664	289684	3094.01	167.5	103.39	821051	92.1516 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	250942	4852.41	55.3	1236.45	41087	106.1798 ng/ml
MDA	3.212	1034008	3871.68	27.6	753.53	221046	112.5174 ng/ml
MDMA	3.306	687877	3534.54	86.5	1743.33	68266	97.1395 ng/ml
Meprobamate	4.916	204554	1539.49	28.6	1236.78	111530	106.2457 ng/ml
Methadone	5.673	1251013	1415.99	62.6	717.21	510558	96.5209 ng/ml
Methamphetamine	3.240	1180560	∞	38.9	566.21	502274	103.9857 ng/ml
Metoprolol	4.345	196149	4233.28	100.1	4065.05	850902	99.9563 ng/ml
Mirtazapine	4.630	1357217	8891.11	55.3	4595.07	409005	97.8725 ng/ml
Mitragynine	5.236	308315	44701.64	36.0	2676.95	510558	113.8971 ng/ml
Morphine	1.253	30566	618.59	29.0	181.75	4018	96.2400 ng/ml
Norbuprenorphine	5.012	2138	6581.89	94.0	91.43	8322	11.1032 ng/ml
Nordiazepam	5.907	285340	597.97	53.1	862.85	94511	102.9255 ng/ml
Norfentanyl	4.097	169511	5494.41	35.9	91.43	675579	9.8886 ng/ml
Norhydrocodone	3.082	39384	250.59	36.5	70.50	34196	102.0131 ng/ml
Noroxycodone	2.932	267213	520.26	49.2	223.71	80735	99.4414 ng/ml
O-desmethyl-tramadol	3.386	1721439	624.15	5.9	220.08	868945	98.4368 ng/ml
Oxazepam	5.763	357584	2445.31	71.7	470.28	210495	102.0166 ng/ml
Oxycodone	2.850	597254	1888.73	30.7	335.83	218536	105.8270 ng/ml
Oxymorphone	1.411	213077	∞	49.7	∞	64381	105.5209 ng/ml
Phentermine	3.794	401553	568.11	4.6	840.49	497200	107.2022 ng/ml
Promethazine	5.552	1801094	1608.75	30.8	14471.53	759153	99.3974 ng/ml
Pseudoephedrine	2.604	1686598	964.53	17.1	4162.77	821051	99.4145 ng/ml
Quetiapine	5.555	819675	222.21	60.3	20033.87	129579	97.7178 ng/ml
Sertraline	5.796	413472	635.19	94.8	25314.83	175792	95.8573 ng/ml
Temazepam	5.824	667500	7378.25	24.9	597.84	333521	101.5275 ng/ml
Tramadol	4.264	1785391	1029.24	3.3	2017.55	850902	99.5232 ng/ml
Trazodone	5.128	1088114	1651.99	81.7	2196.47	432041	99.4283 ng/ml
Venlafaxine	5.056	1536945	2104.91	31.6	358.15	797583	99.5112 ng/ml
Zolpidem	4.900	1397752	3096.01	30.1	2881.07	682830	105.8296 ng/ml

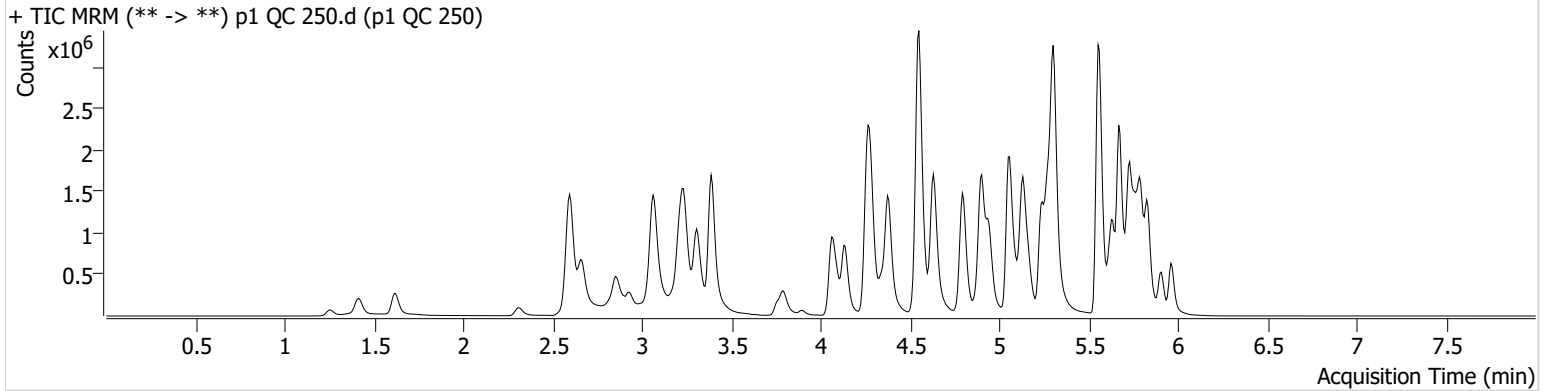
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C6	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 10:06:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	33325	5721.33	69.7	24606.78	32366	24.4531 ng/ml
7-aminoclonazepam	4.270	324254	4670.64	69.6	9568.33	52646	248.0615 ng/ml
a-hydroxyalprazolam	5.699	198021	632.31	67.5	832.92	113920	209.8746 ng/ml
alpha-PHP	4.943	628749	14997.48	259.1	116417.41	331953	255.6294 ng/ml
alpha-PVP	4.381	2239612	170207.39	51.5	67662.09	331953	249.0700 ng/ml
Alprazolam	5.782	904422	1077.58	103.7	2486.73	113920	256.8574 ng/ml
Amphetamine	3.065	3357721	1200.60	45.7	19264.13	156886	235.6027 ng/ml
Benzoylecgonine	3.890	57415	∞	8.5	996.55	8135	239.6860 ng/ml
Buprenorphine	5.779	54269	63406.57	15.2	30109.54	83559	25.4529 ng/ml
Bupropion	4.794	2282619	227010.75	69.5	19390.29	322069	248.4155 ng/ml
Carisoprodol	5.737	723403	120081.83	63.3	4049.00	128233	255.8846 ng/ml
Citalopram	5.232	1778792	33005.43	31.8	29200.07	296038	264.5864 ng/ml
Clonazepam	5.619	842746	956.41	33.9	∞	48657	252.4795 ng/ml
Clonazepam	5.563	485907	835028.28	37.0	141065.03	48657	224.1687 ng/ml
Cocaine	4.276	1380033	285993.59	58.7	42057.25	453094	247.0978 ng/ml
Codeine	2.594	146497	93.73	98.4	4414.21	30542	250.6446 ng/ml
Cyclobenzaprine	5.635	1368704	50043.30	8.1	5929.98	214873	248.5425 ng/ml
Dextromethorphan	5.281	892295	28507.62	83.5	427.79	146792	256.1459 ng/ml
Dextrophan	4.137	603449	19769.40	200.5	15177.32	239319	254.5462 ng/ml
Diazepam	5.960	649781	3294.38	90.1	6469.58	112911	265.8909 ng/ml
Dihydrocodeine	2.573	396597	189.87	70.0	14892.33	100544	248.6148 ng/ml
Diphenhydramine	5.302	4628389	185969.69	31.2	40353.74	1079410	269.4182 ng/ml
Doxylamine	4.548	4638210	14639.71	98.3	2480.40	787096	261.3988 ng/ml
EDDP	5.267	1330189	38823.53	41.7	81983.31	290320	239.7899 ng/ml
Etizolam	5.827	494004	10125.15	26.9	269914.16	48657	260.8153 ng/ml
Fentanyl	5.102	178812	13958.26	65.1	191522.51	386494	25.4858 ng/ml
Flualprazolam	5.713	331756	31171.82	91.4	2606.02	113920	270.4872 ng/ml
Fluoxetine	5.728	1681163	39044.77	7.6	9269.11	245682	246.9692 ng/ml
Hydrocodone	3.034	574837	953.32	38.6	217.08	147898	242.1353 ng/ml
Hydromorphone	1.621	503775	975196.60	79.1	1541775.14	63144	244.0307 ng/ml
Ketamine	4.063	1522076	12019.41	33.3	1196.86	265725	253.9311 ng/ml
Lamotrigine	4.292	99874	2786.15	92.6	57649.30	265725	240.8491 ng/ml
Levetiracetam	2.664	599070	5579.83	163.1	4391.84	646343	242.6277 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	463100	13975.72	54.3	2657.89	48657	166.4997 ng/ml*
MDA	3.212	1865797	4147.59	27.2	2750.00	169500	266.2294 ng/ml
MDMA	3.306	1451762	23599.29	85.2	5906.60	55829	250.7763 ng/ml
Meprobamate	4.916	395852	6600.37	28.2	277.46	95770	240.6510 ng/ml
Methadone	5.666	2698011	68158.16	62.5	1079.95	428904	246.2566 ng/ml
Methamphetamine	3.240	2449966	45232.06	38.8	2105.59	439561	247.8213 ng/ml
Metoprolol	4.338	404667	8557.35	99.5	9906.20	732161	240.6682 ng/ml
Mirtazapine	4.630	2853595	17238.02	56.3	3040.09	331953	253.3797 ng/ml
Mitragynine	5.236	588585	13641.83	35.4	331340.70	428904	258.8159 ng/ml
Morphine	1.253	71251	3565.48	27.6	1837.17	3412	264.5541 ng/ml
Norbuprenorphine	5.005	5803	8614.19	96.6	3516.73	10411	24.5301 ng/ml
Nordiazepam	5.907	642251	1700.19	52.9	7740.78	87588	250.4497 ng/ml
Norfentanyl	4.097	374253	66701.74	35.0	1958.09	569582	25.8069 ng/ml
Norhydrocodone	3.082	80338	1896.32	40.4	∞	26534	266.4496 ng/ml
Noroxycodone	2.925	520869	1070.38	49.3	845.85	63034	248.8465 ng/ml
O-desmethyl-tramadol	3.386	3636175	938.58	5.9	380.08	729883	247.3285 ng/ml
Oxazepam	5.763	706175	15249.78	71.3	5156.59	159835	266.2894 ng/ml
Oxycodone	2.850	1165942	5538.60	31.0	1478.25	174675	259.2187 ng/ml
Oxymorphone	1.411	466680	∞	47.8	∞	59962	249.1135 ng/ml
Phentermine	3.794	792695	12620.64	4.6	105.80	428818	246.3858 ng/ml
Promethazine	5.552	3577605	1231.19	30.1	5903.94	584718	255.7414 ng/ml
Pseudoephedrine	2.597	3410938	58044.57	16.8	47855.60	646343	254.8862 ng/ml
Quetiapine	5.555	1627047	72022.14	59.4	297.01	111681	226.3510 ng/ml
Sertraline	5.796	589747	42108.78	93.1	101729.46	95812	249.6221 ng/ml
Temazepam	5.831	1463946	37417.09	27.9	13895.74	292183	255.6486 ng/ml
Tramadol	4.257	3736167	∞	3.3	∞	732161	242.6591 ng/ml
Trazodone	5.128	2300064	1864.41	80.9	89561.98	354883	255.7144 ng/ml
Venlafaxine	5.050	3387111	98763.67	30.3	20888.62	664842	262.7882 ng/ml
Zolpidem	4.900	2936368	184150.62	29.4	73950.34	574838	264.9207 ng/ml

*Outside curve range

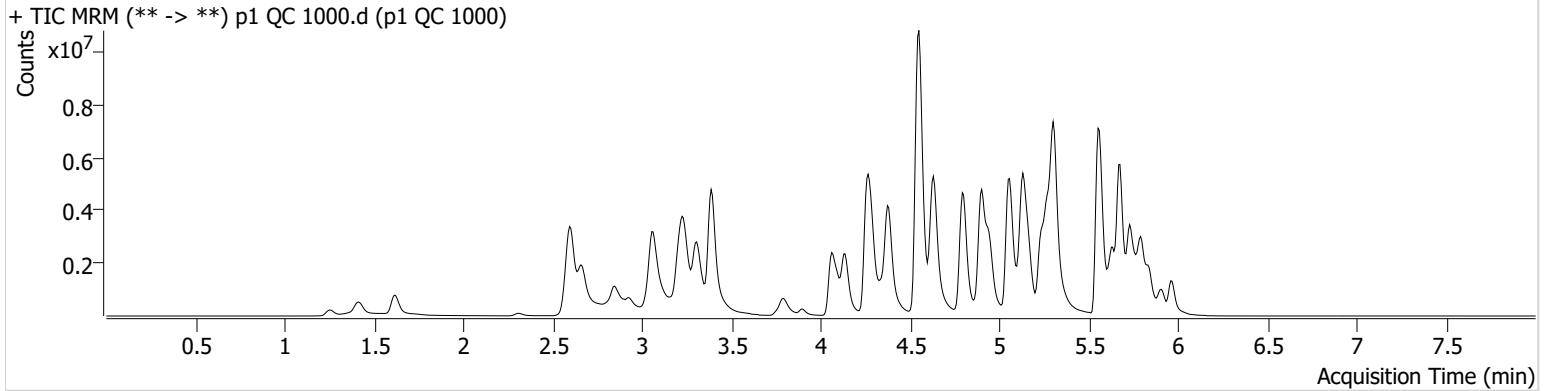


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D6	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 10:28:04 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	127658	619.78	69.8	4473.59	30303	100.2448 ng/ml
7-aminoclonazepam	4.270	510982	3415.23	69.5	2335.69	31715	649.9259 ng/ml *
a-hydroxyalprazolam	5.699	274526	276.78	67.8	619.43	70129	473.3591 ng/ml *
alpha-PHP	4.943	1973306	21415.13	264.9	290934.58	275081	968.8144 ng/ml
alpha-PVP	4.381	7741582	144582.21	51.2	55497.26	275081	1038.6474 ng/ml
Alprazolam	5.782	2061615	363.17	103.3	336.34	70129	950.4488 ng/ml
Amphetamine	3.065	8092690	166.73	45.9	172.31	135723	658.4175 ng/ml *
Benzoylcegonine	3.897	248993	15120.77	8.2	3535.21	8157	1037.5553 ng/ml
Buprenorphine	5.779	163682	2908.99	15.3	35808.73	70617	90.9618 ng/ml
Bupropion	4.794	8215315	∞	67.3	57694.23	308587	933.4945 ng/ml
Carisoprodol	5.737	1122634	74507.81	62.4	764.24	45692	1113.8657 ng/ml
Citalopram	5.232	4329096	52757.85	32.3	290918.45	183502	1038.4239 ng/ml
Clonazepam	5.612	1408254	30400.49	34.2	22221.19	26763	768.6655 ng/ml *
Clonazepam	5.569	707215	24838.15	37.8	199540.98	26763	594.9626 ng/ml *
Cocaine	4.283	3968393	226854.32	58.4	121257.30	324292	992.9571 ng/ml
Codeine	2.600	372309	23278.93	97.4	5795.11	22943	850.5454 ng/ml
Cyclobenzaprine	5.635	3887920	673.62	7.6	18859.27	138617	1092.1354 ng/ml
Dextromethorphan	5.281	2068265	24213.26	82.9	137141.41	86920	1003.4284 ng/ml
Dextrophan	4.137	2062942	103621.87	198.4	149234.66	194317	1070.8722 ng/ml
Diazepam	5.967	1704548	8596.82	90.9	2402.60	81111	971.3449 ng/ml
Dihydrocodeine	2.566	1193050	13895.45	74.1	115.29	103322	728.2780 ng/ml *
Diphenhydramine	5.309	12813224	299897.27	31.8	39274.66	720135	1117.0666 ng/ml
Doxylamine	4.548	16805399	739006.98	96.3	631446.18	768771	969.9017 ng/ml
EDDP	5.267	5173685	71615.77	40.6	31459.33	265862	1017.8717 ng/ml
Etizolam	5.827	1317689	10715.64	27.0	9955.67	26763	1263.4527 ng/ml *
Fentanyl	5.102	687614	53860.56	64.3	14376138.3	362101	104.6417 ng/ml
Flualprazolam	5.713	709584	121525.89	88.9	13778.18	70129	940.3440 ng/ml
Fluoxetine	5.728	3810684	92618.43	7.3	514477.95	127088	1081.0284 ng/ml
Hydrocodone	3.034	1889129	181.71	41.5	930.01	134910	874.0965 ng/ml
Hydromorphone	1.621	1722530	7855975.15	80.1	2503025.70	52585	1001.6539 ng/ml
Ketamine	4.063	5138467	134671.15	32.4	20740.25	247295	922.6854 ng/ml
Lamotrigine	4.299	209540	2712.06	91.7	47419.09	247295	544.7639 ng/ml *



AM #28 Multi-Drug Quant. Results

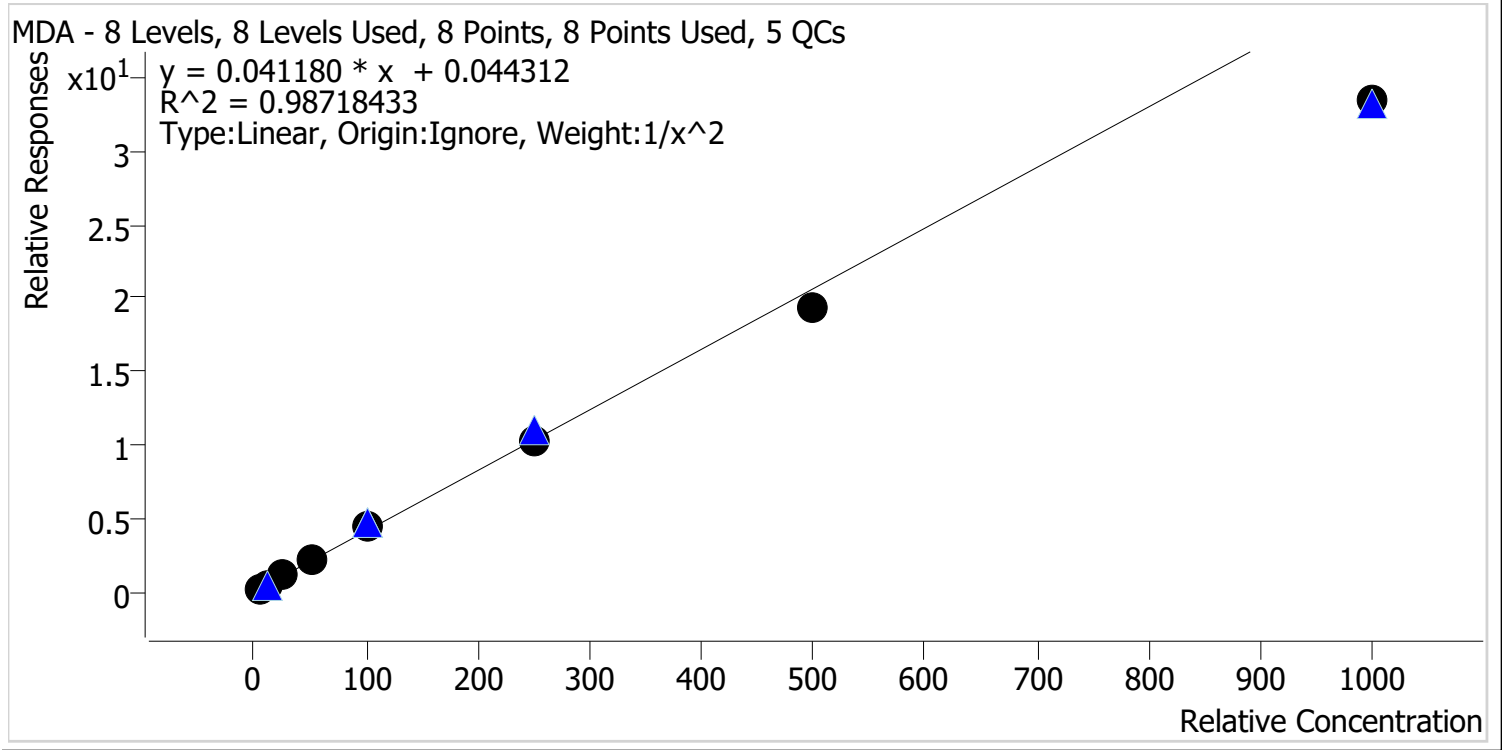
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.664	1687276	18935.39	166.6	103406.41	476724	927.4427 ng/ml
Lorazepam	5.754	499729	25968.25	54.0	592.48	26763	328.4365 ng/ml*
MDA	3.205	3773246	5650.09	25.8	2272.95	113588	805.5918 ng/ml
MDMA	3.306	4576370	35104.27	86.4	45284.20	43883	1005.8861 ng/ml
Meprobamate	4.916	659619	15879.49	27.8	173.18	49971	770.6414 ng/ml*
Methadone	5.673	8277639	139283.02	60.5	72615.11	314527	1027.1517 ng/ml
Methamphetamine	3.233	8028139	115786.17	37.4	43322.55	463696	771.7000 ng/ml*
Metoprolol	4.345	1035555	124580.80	102.3	52511.87	584162	773.5031 ng/ml*
Mirtazapine	4.630	9733139	6876.88	54.3	5076.51	275081	1042.5895 ng/ml
Mitragynine	5.236	1650378	305695.12	37.4	348288.49	314527	989.5852 ng/ml
Morphine	1.253	245527	432.68	29.3	233.62	3279	948.9012 ng/ml
Norbuprenorphine	5.005	25300	45455.35	87.5	273.86	10393	108.3929 ng/ml
Nordiazepam	5.907	1322481	20151.50	53.4	10113.64	47322	955.4543 ng/ml
Norfentanyl	4.097	1314239	325.96	36.0	46288.01	409477	125.8460 ng/ml*
Norhydrocodone	3.082	313760	1401.25	40.1	887.95	21392	1286.6573 ng/ml*
Noroxycodone	2.925	1202691	5324.31	50.2	9475.33	36466	994.3599 ng/ml
O-desmethyl-tramadol	3.386	13076019	∞	5.7	43413.58	626500	1035.7329 ng/ml
Oxazepam	5.756	693617	23913.03	73.2	6194.37	44972	931.0901 ng/ml
Oxycodone	2.843	3492921	1023.62	30.4	455.00	157816	860.7268 ng/ml
Oxymorphone	1.411	1493407	∞	47.8	∞	52792	907.3272 ng/ml
Phentermine	3.794	2221336	∞	4.6	3645.41	418034	709.7239 ng/ml*
Promethazine	5.552	10801134	92152.15	29.7	106956.77	424683	1061.8687 ng/ml
Pseudoephedrine	2.604	10388811	235080.51	16.4	57846.90	476724	1051.5066 ng/ml
Quetiapine	5.555	3800174	187835.87	61.0	287.75	98803	599.2139 ng/ml*
Sertraline	5.796	1297939	1968444.85	91.8	206071.18	52932	992.1444 ng/ml
Temazepam	5.837	2274325	29791.68	26.2	5197.35	116094	1002.4311 ng/ml
Tramadol	4.257	11412312	∞	3.2	14155.87	584162	930.2226 ng/ml
Trazodone	5.128	7932742	1917.49	82.5	213942.91	302616	1033.9689 ng/ml
Venlafaxine	5.056	11466549	421307.21	29.3	3259.82	543817	1087.0411 ng/ml
Zolpidem	4.900	9905519	362782.98	27.4	29620.94	549227	936.7579 ng/ml

*Outside curve range



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

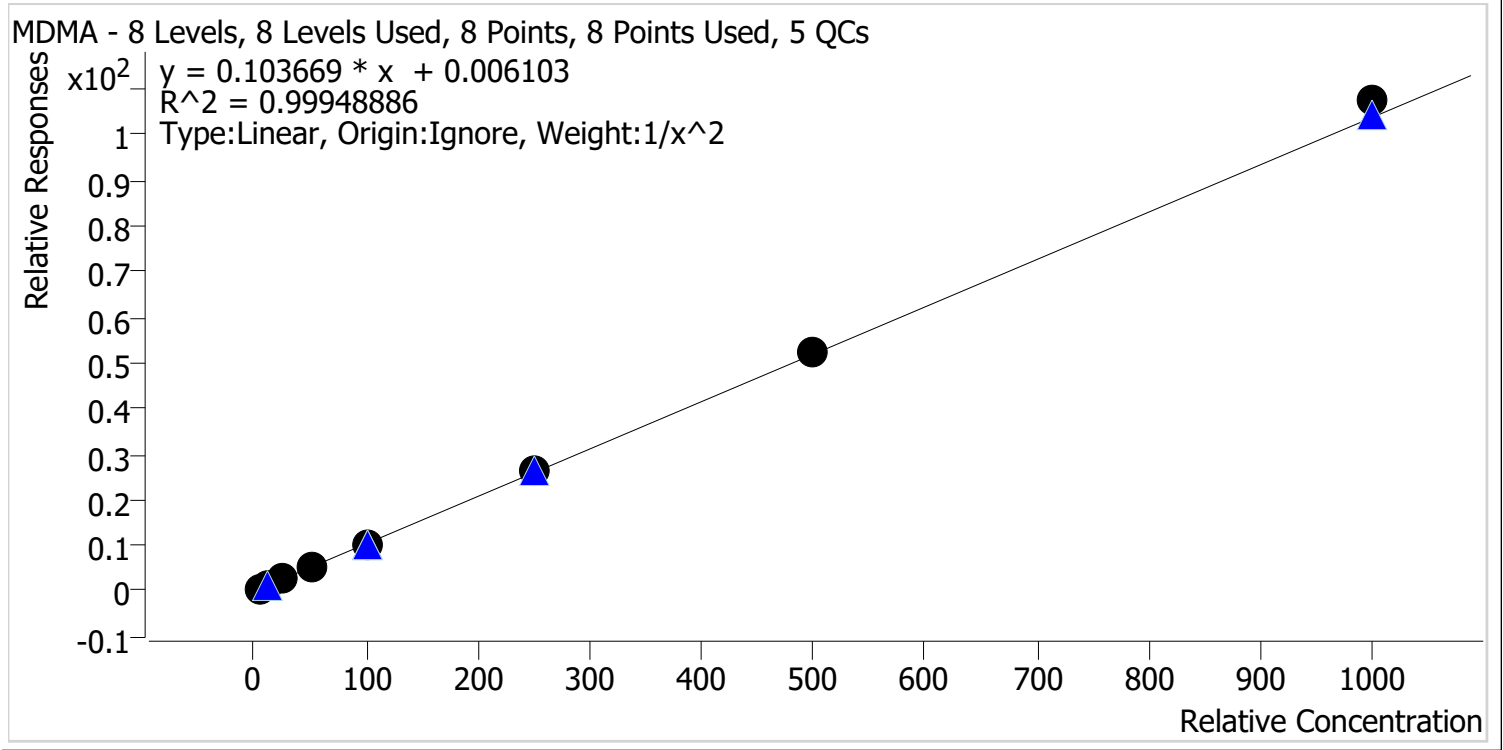


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	106.9	106.9
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	471.6	94.3
p1 Cal 8-1000ng	8	✓	1000.0	810.4	81.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



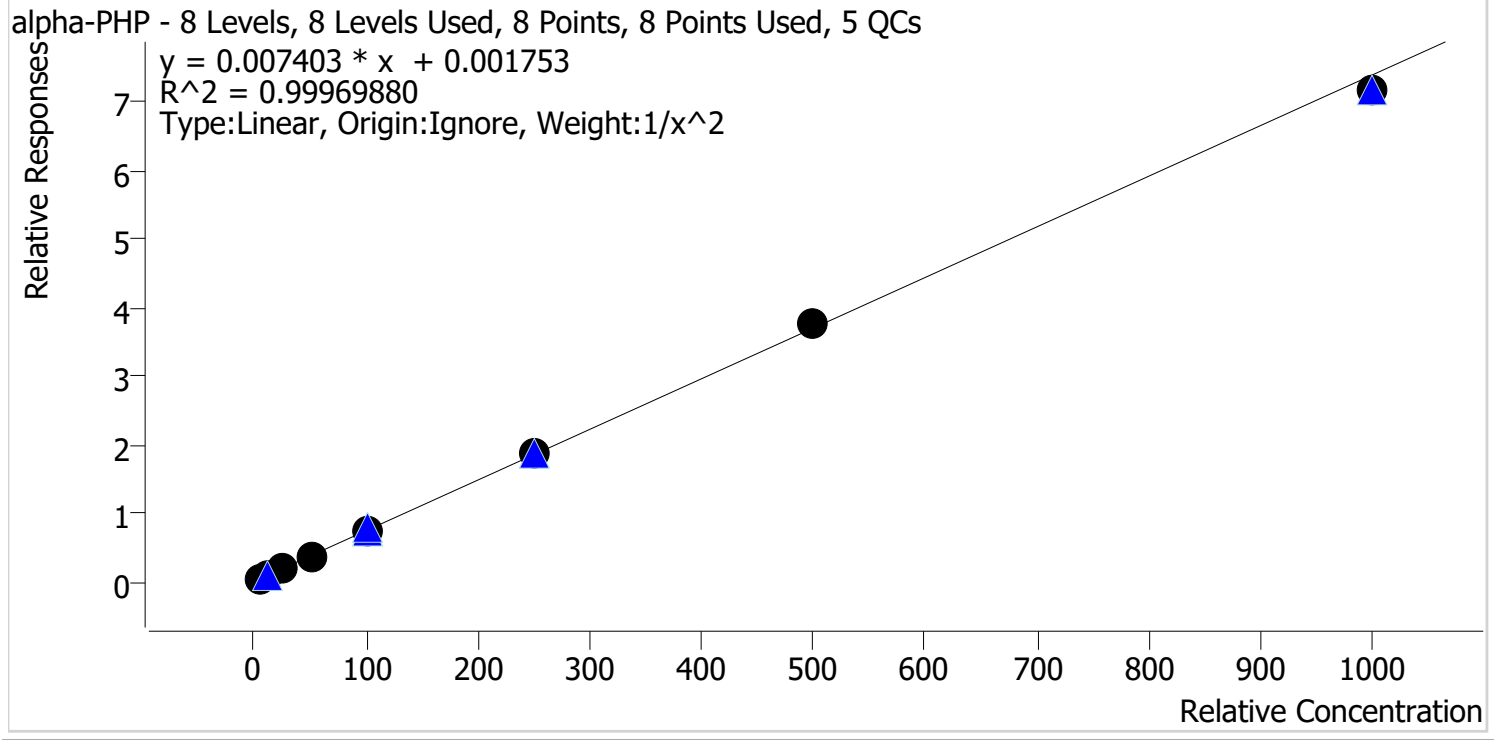
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	251.0	100.4
p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1035.6	103.6

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

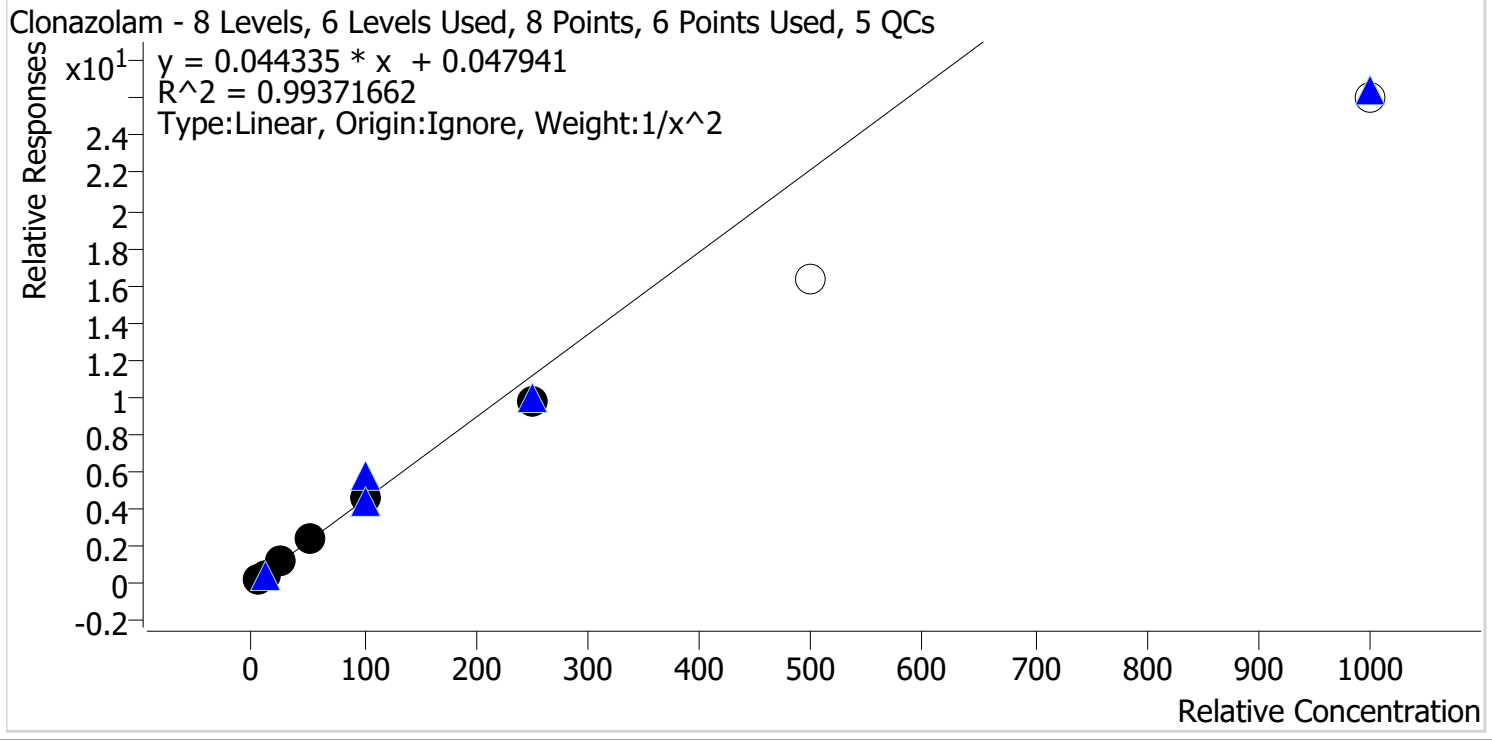


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	505.6	101.1
p1 Cal 8-1000ng	8	✓	1000.0	969.2	96.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



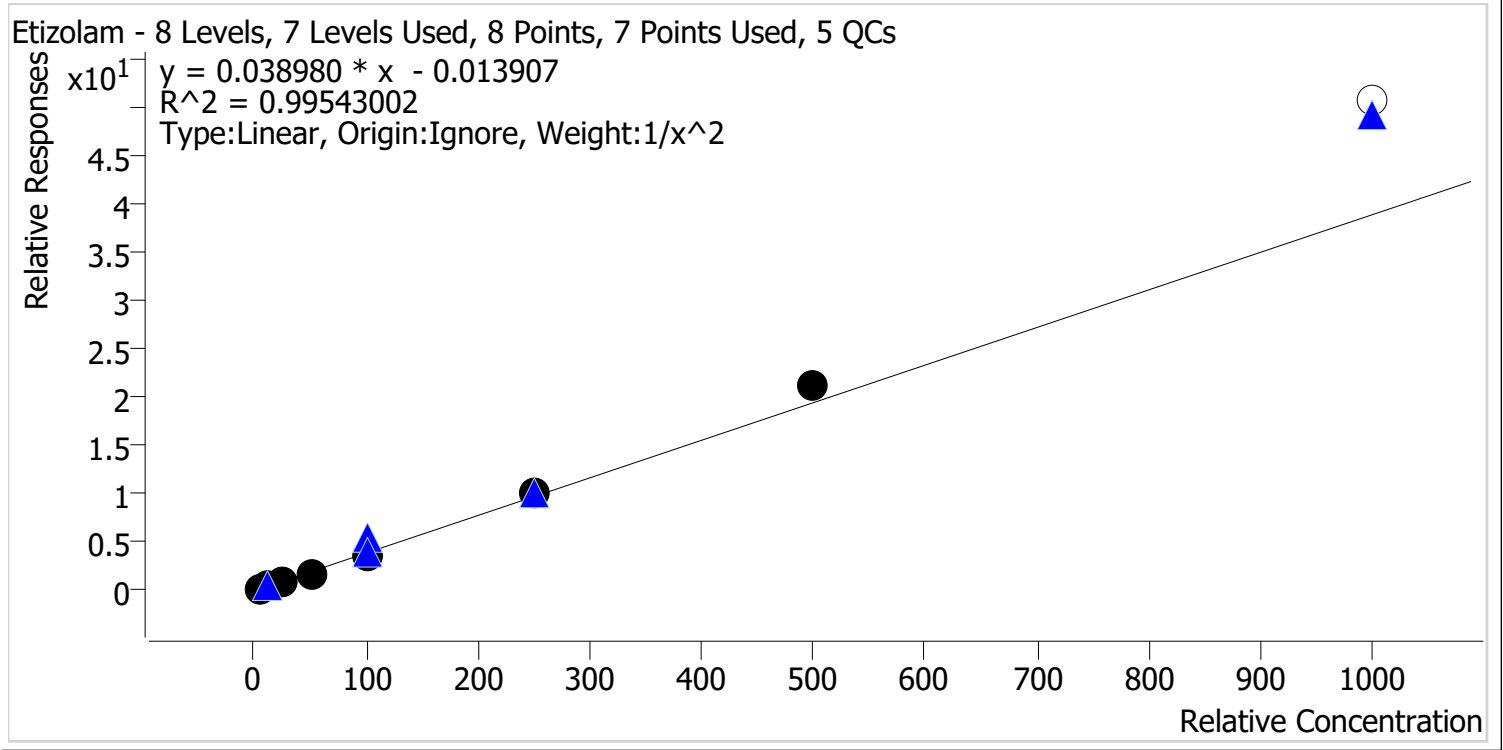
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	220.0	88.0
p1 Cal 7-500ng	7	x	500.0	366.1	73.2
p1 Cal 8-1000ng	8	x	1000.0	586.0	58.6

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng	6	✓	250.0	261.2	104.5
p1 Cal 7-500ng	7	✓	500.0	545.7	109.1
p1 Cal 8-1000ng	8	x	1000.0	1303.7	130.4

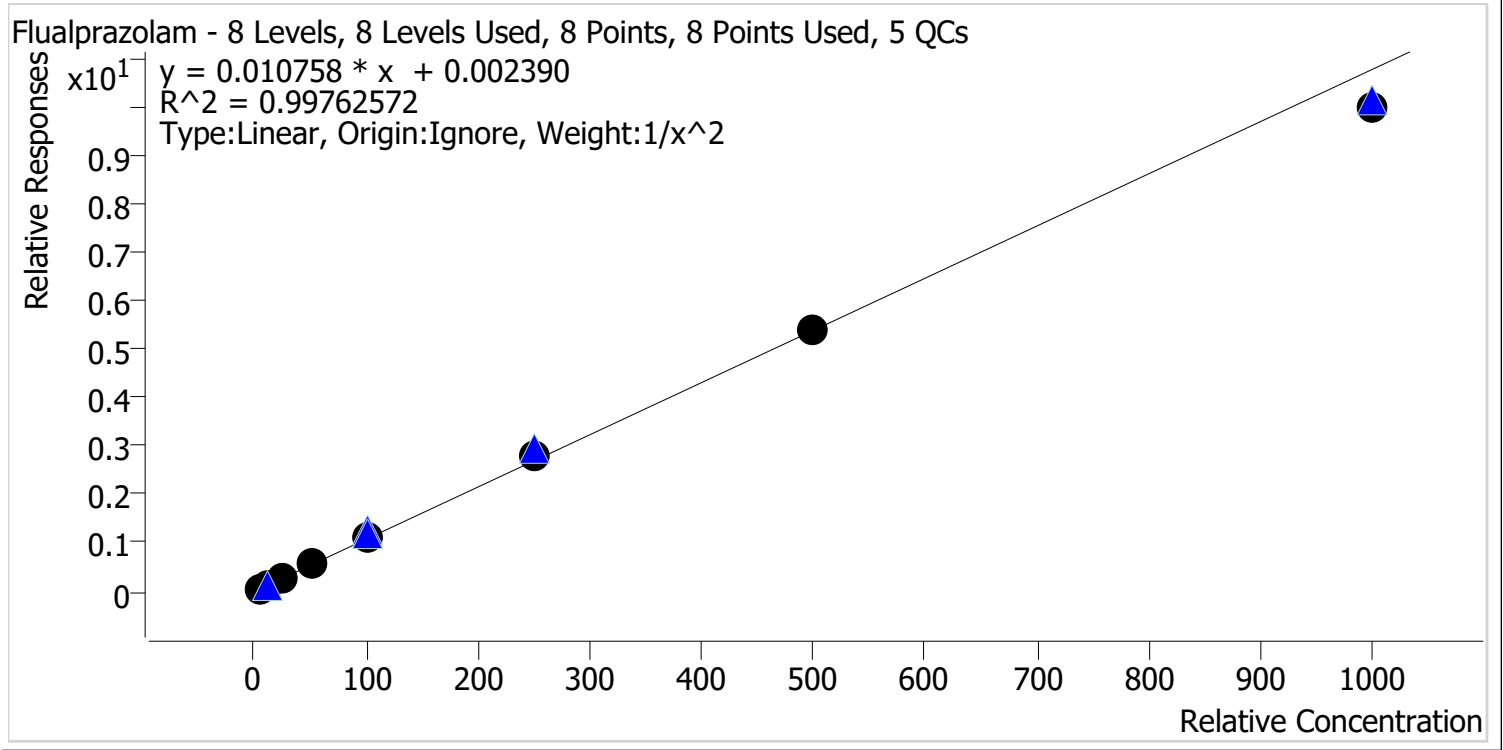
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

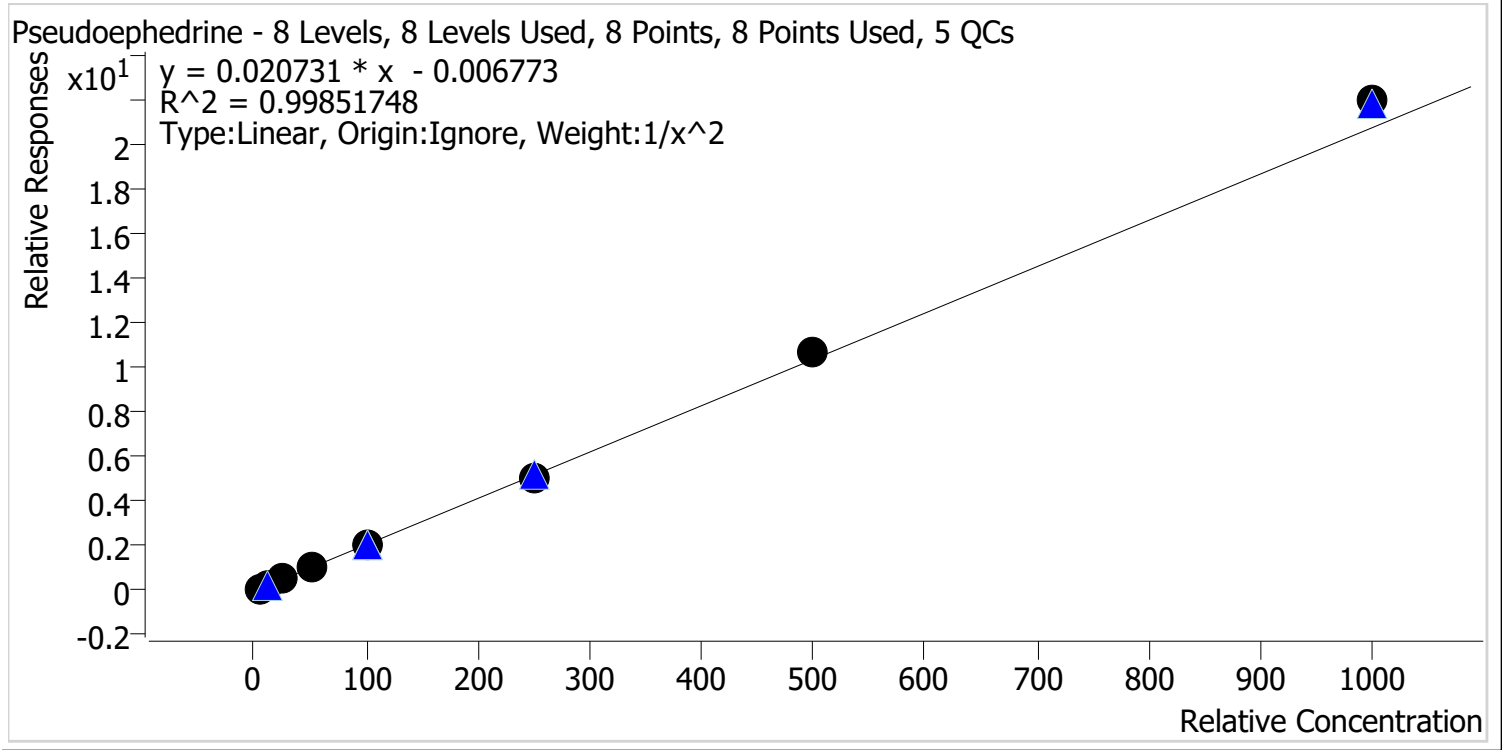


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.4	94.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	261.3	104.5
p1 Cal 7-500ng	7	✓	500.0	501.4	100.3
p1 Cal 8-1000ng	8	✓	1000.0	930.7	93.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

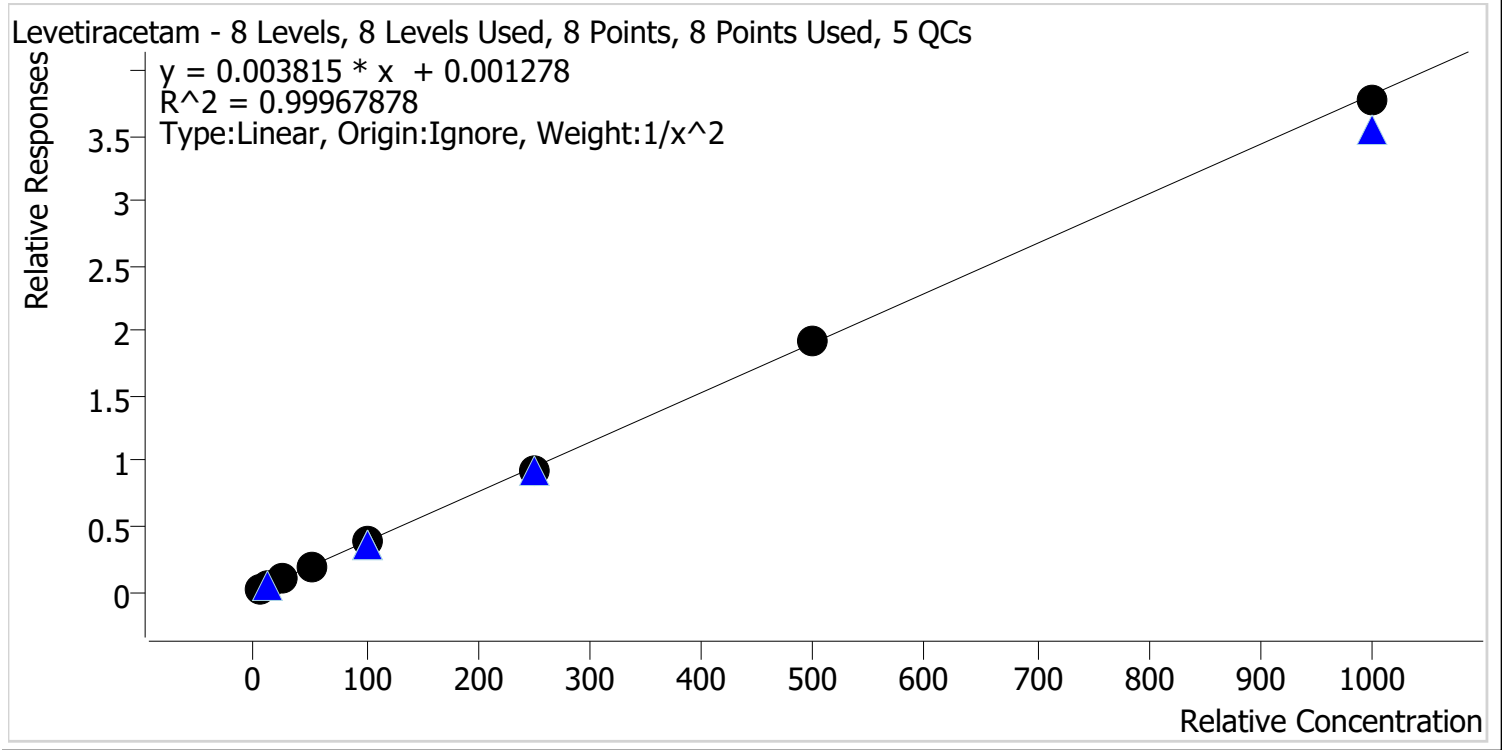


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1058.5	105.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

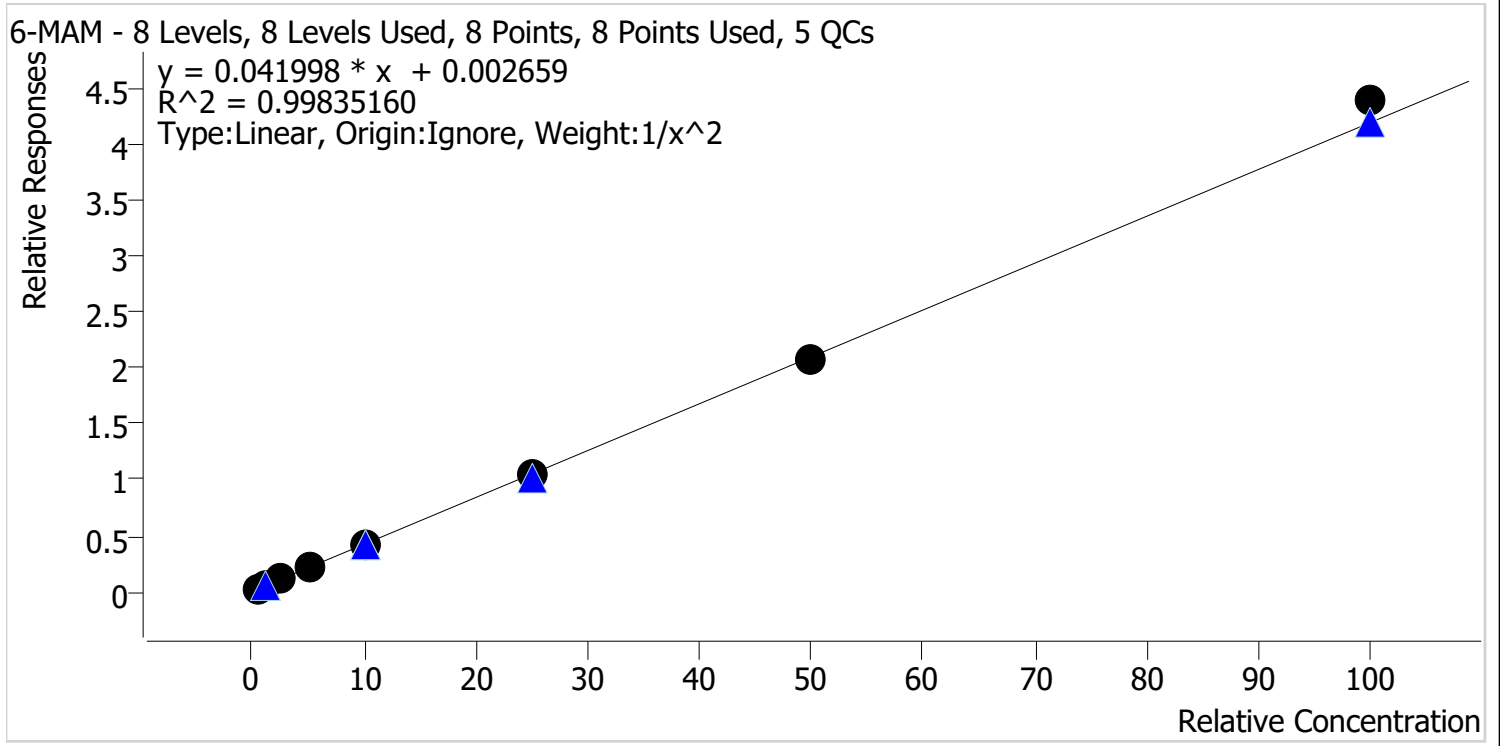


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	243.4	97.4
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	988.0	98.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

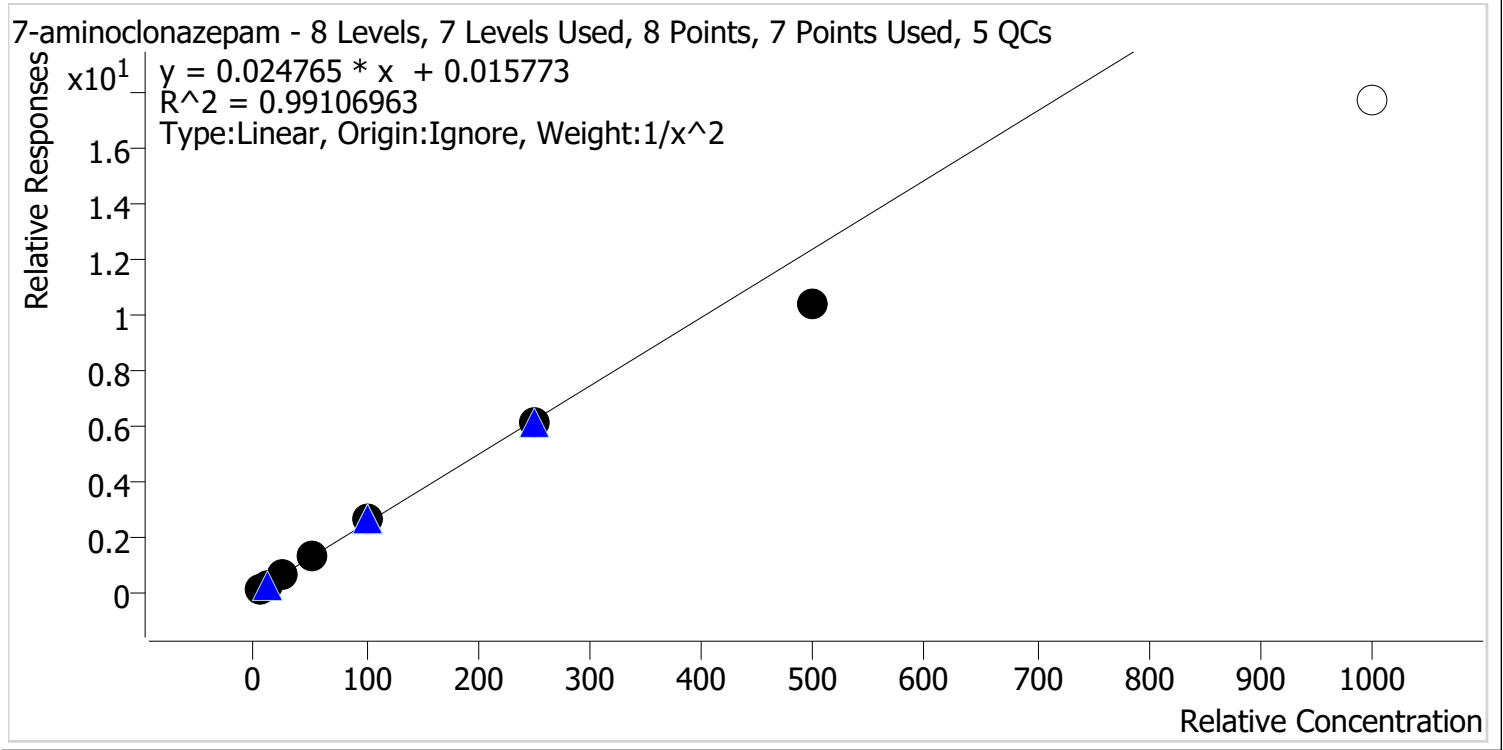


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.9
p1 Cal 2-10ng	2	✓	1.0	1.0	95.2
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.6
p1 Cal 4-50ng	4	✓	5.0	4.9	97.3
p1 Cal 5-100ng	5	✓	10.0	9.7	97.0
p1 Cal 6-250ng	6	✓	25.0	25.0	99.8
p1 Cal 7-500ng	7	✓	50.0	49.7	99.5
p1 Cal 8-1000ng	8	✓	100.0	104.7	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



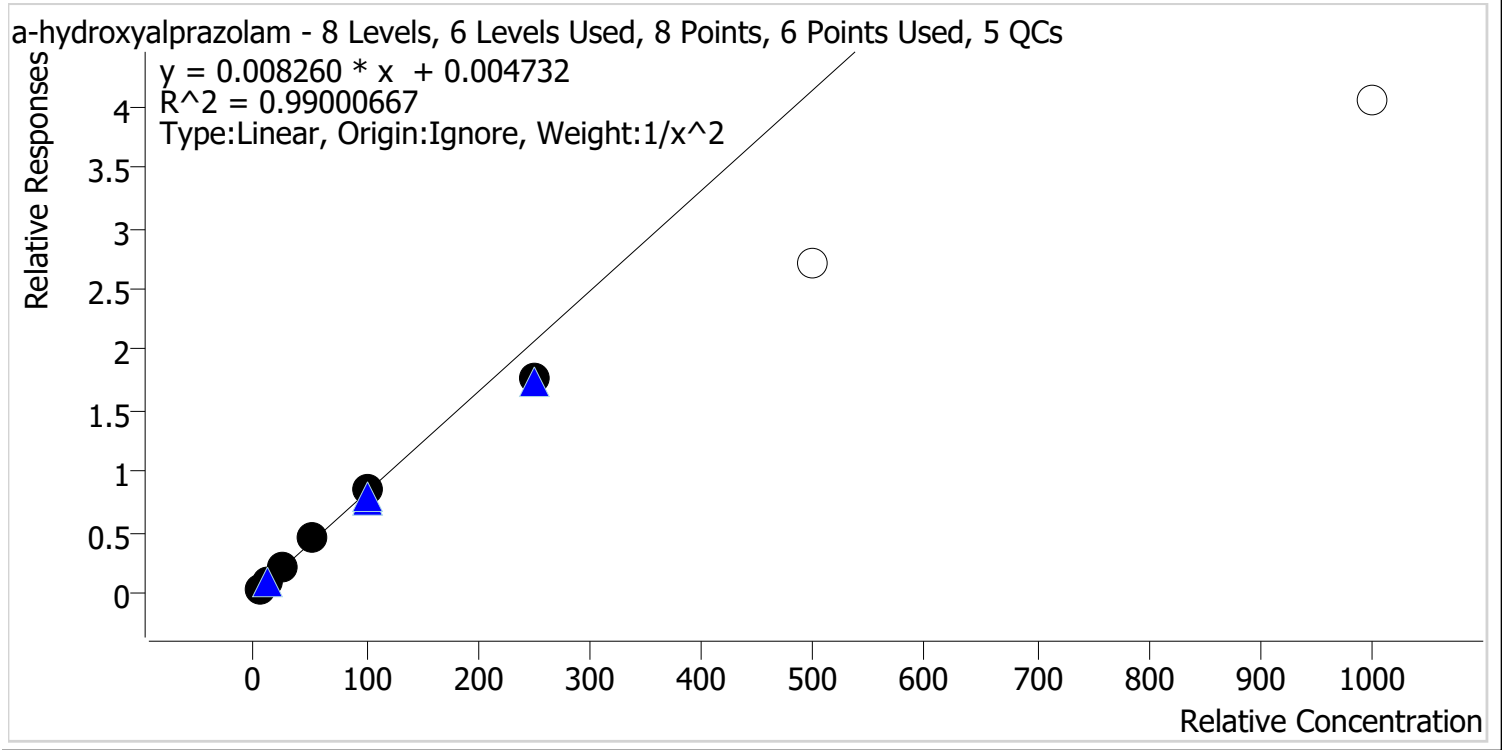
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	248.5	99.4
p1 Cal 7-500ng	7	✓	500.0	418.7	83.7
p1 Cal 8-1000ng	8	✗	1000.0	715.7	71.6

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
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	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	212.2	84.9
p1 Cal 7-500ng	7	x	500.0	329.1	65.8
p1 Cal 8-1000ng	8	x	1000.0	489.0	48.9

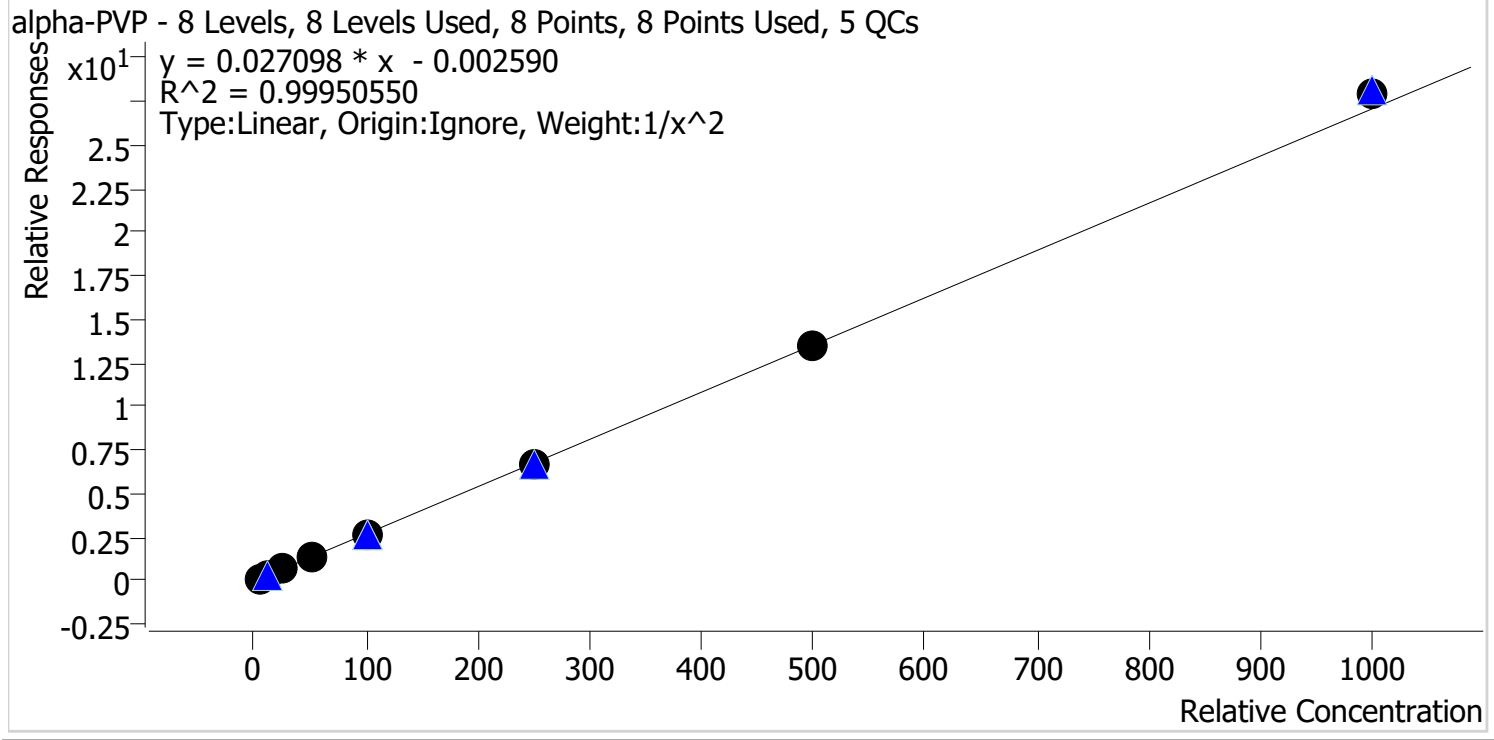
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



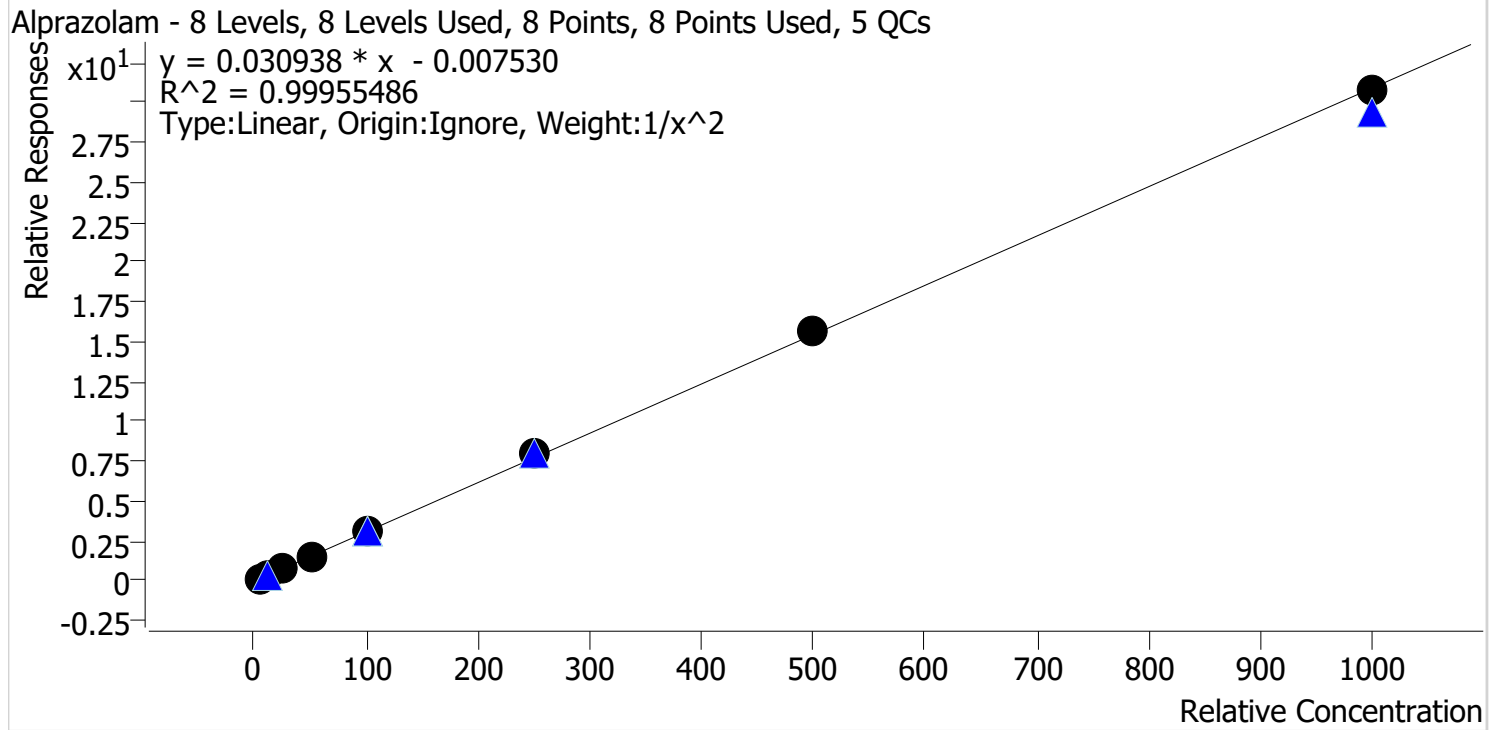
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1034.0	103.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



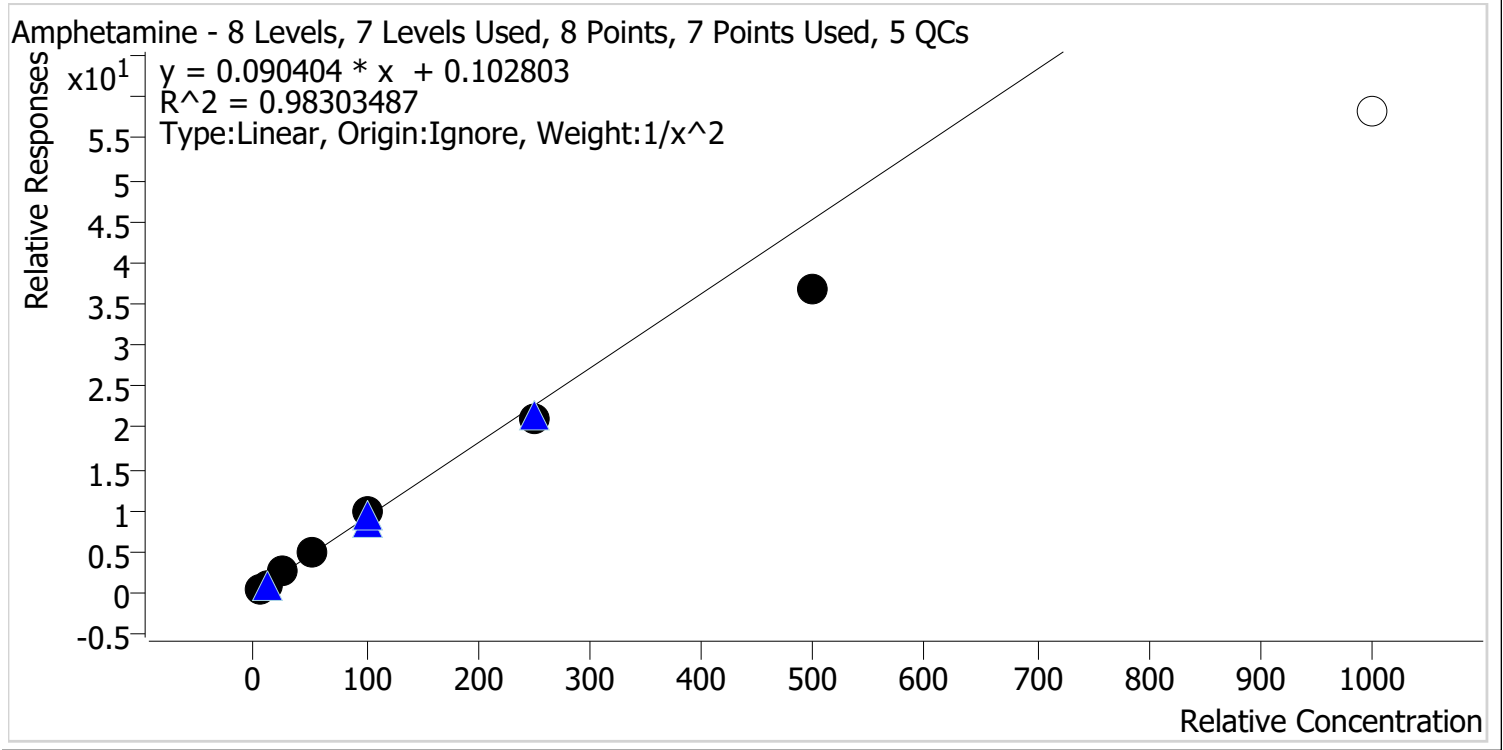
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	994.9	99.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



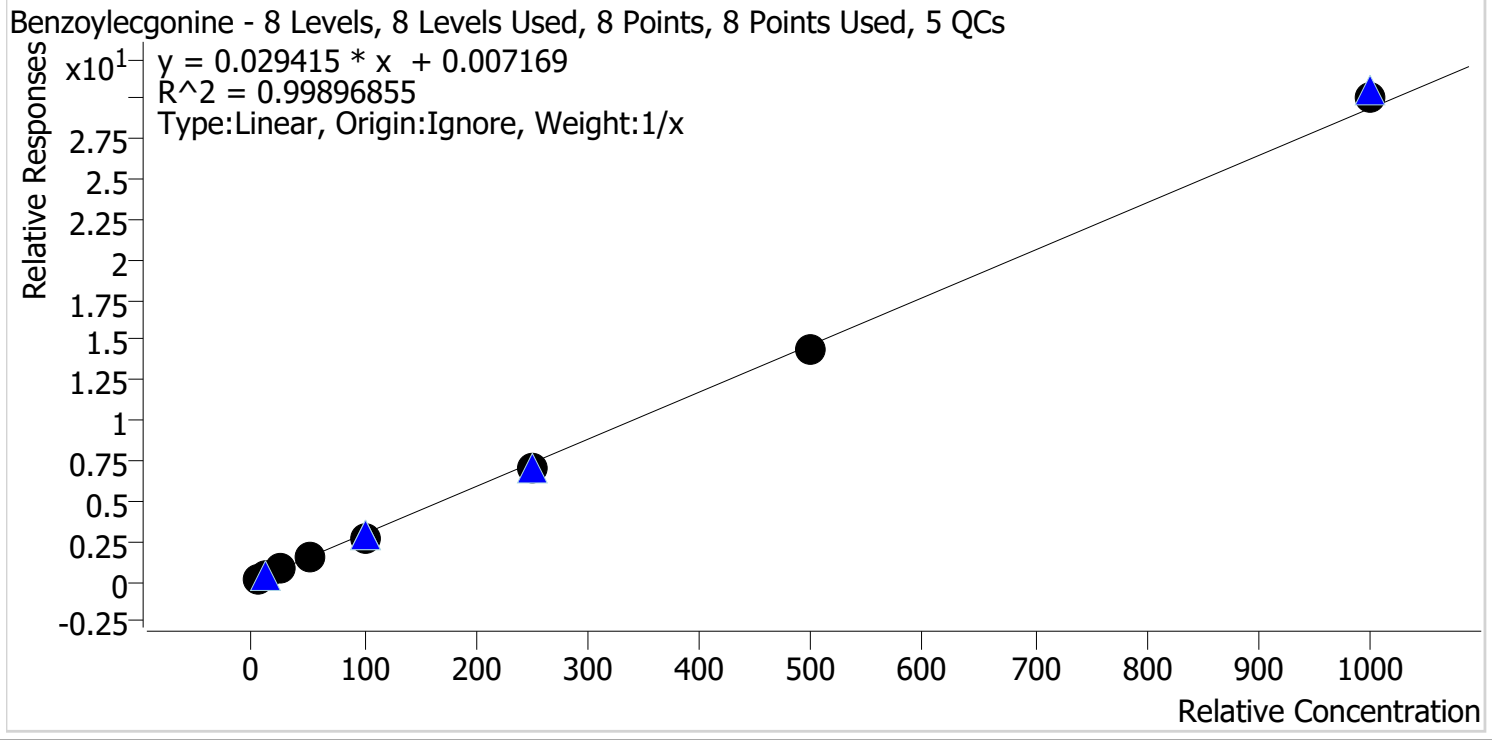
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.0
p1 Cal 4-50ng	4	✓	50.0	55.8	111.6
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	231.5	92.6
p1 Cal 7-500ng	7	✓	500.0	404.2	80.8
p1 Cal 8-1000ng	8	✗	1000.0	645.3	64.5

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



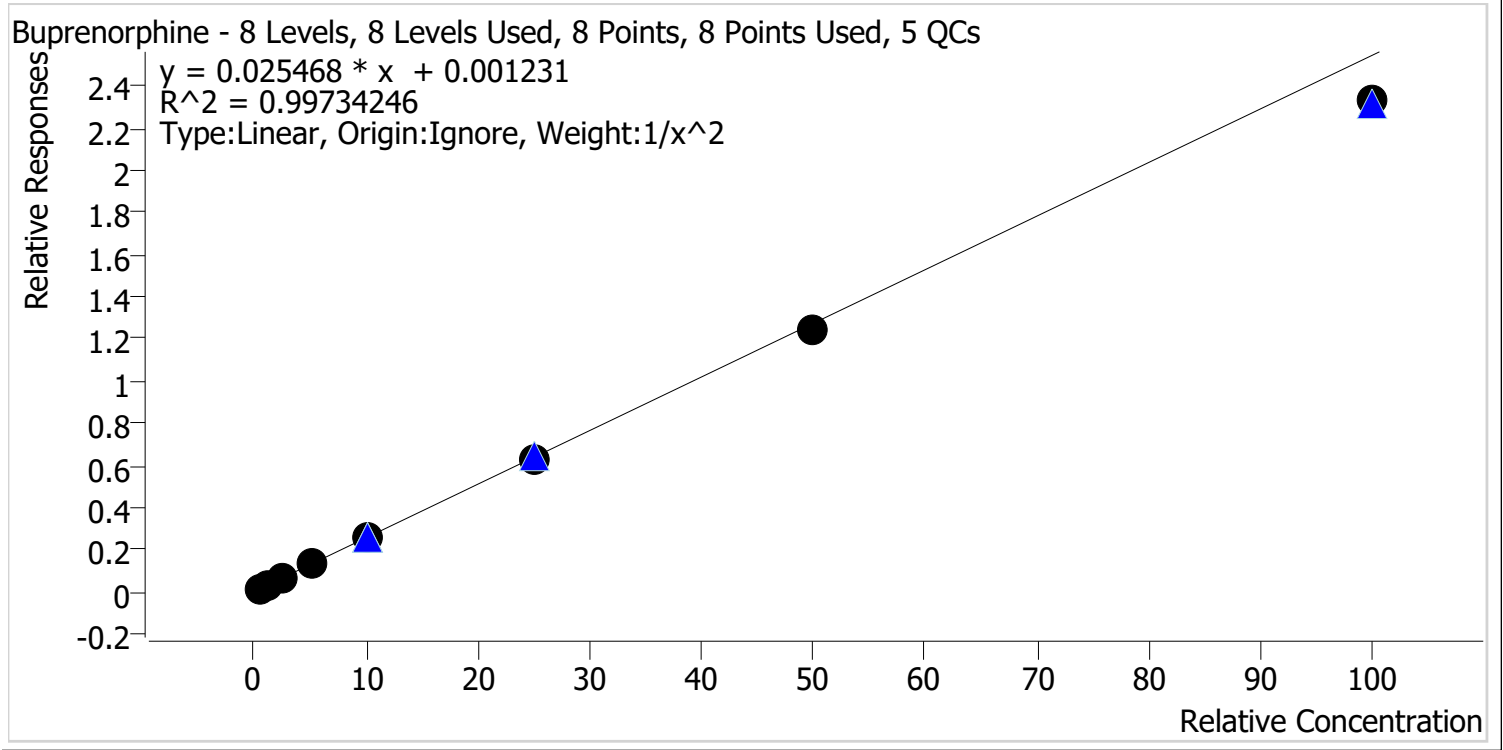
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	11.2	111.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	92.2	92.2
p1 Cal 6-250ng	6	✓	250.0	240.4	96.2
p1 Cal 7-500ng	7	✓	500.0	493.0	98.6
p1 Cal 8-1000ng	8	✓	1000.0	1023.3	102.3

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



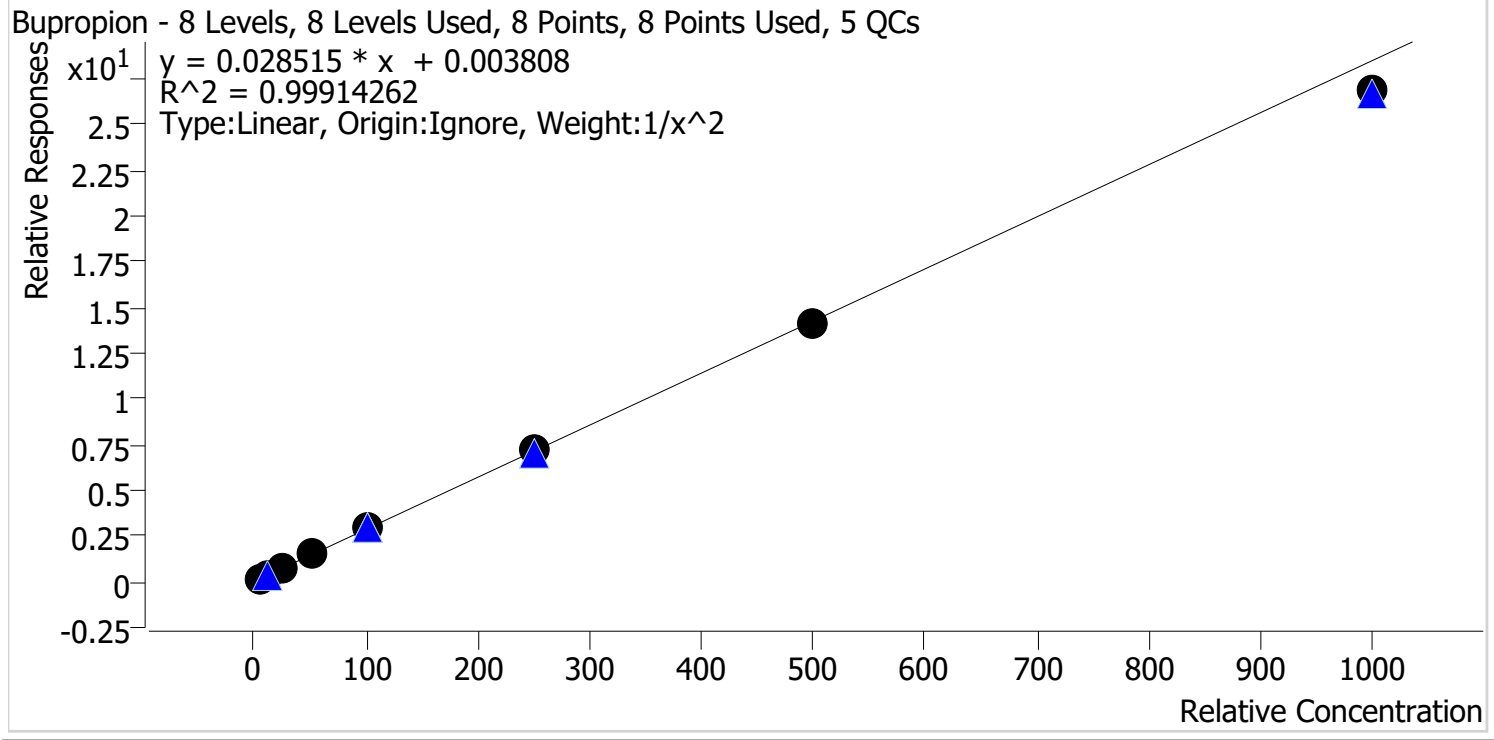
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.1
p1 Cal 2-10ng	2	✓	1.0	1.0	100.8
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.4
p1 Cal 4-50ng	4	✓	5.0	5.3	105.7
p1 Cal 5-100ng	5	✓	10.0	10.3	102.8
p1 Cal 6-250ng	6	✓	25.0	24.6	98.5
p1 Cal 7-500ng	7	✓	50.0	49.1	98.2
p1 Cal 8-1000ng	8	✓	100.0	91.6	91.6

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



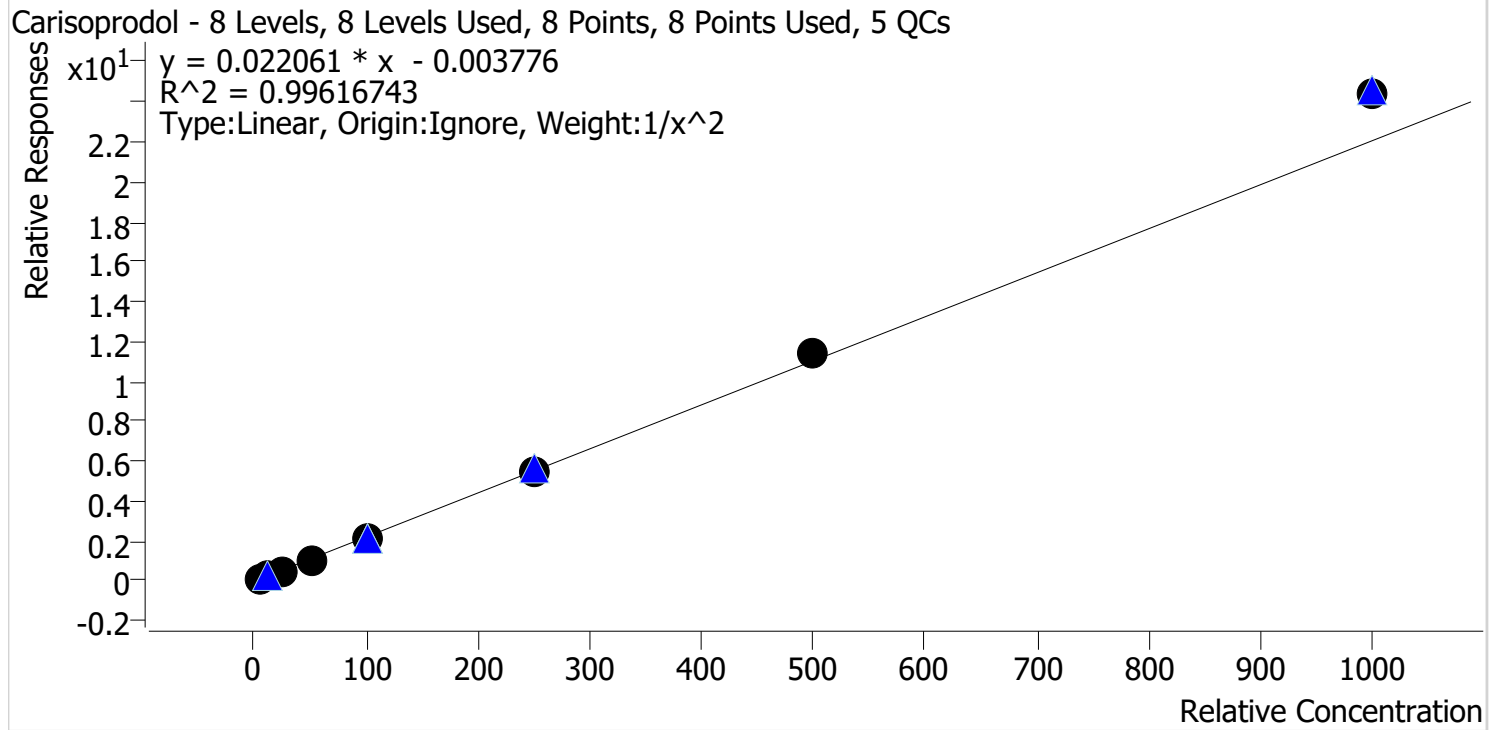
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	498.4	99.7
p1 Cal 8-1000ng	8	✓	1000.0	942.5	94.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



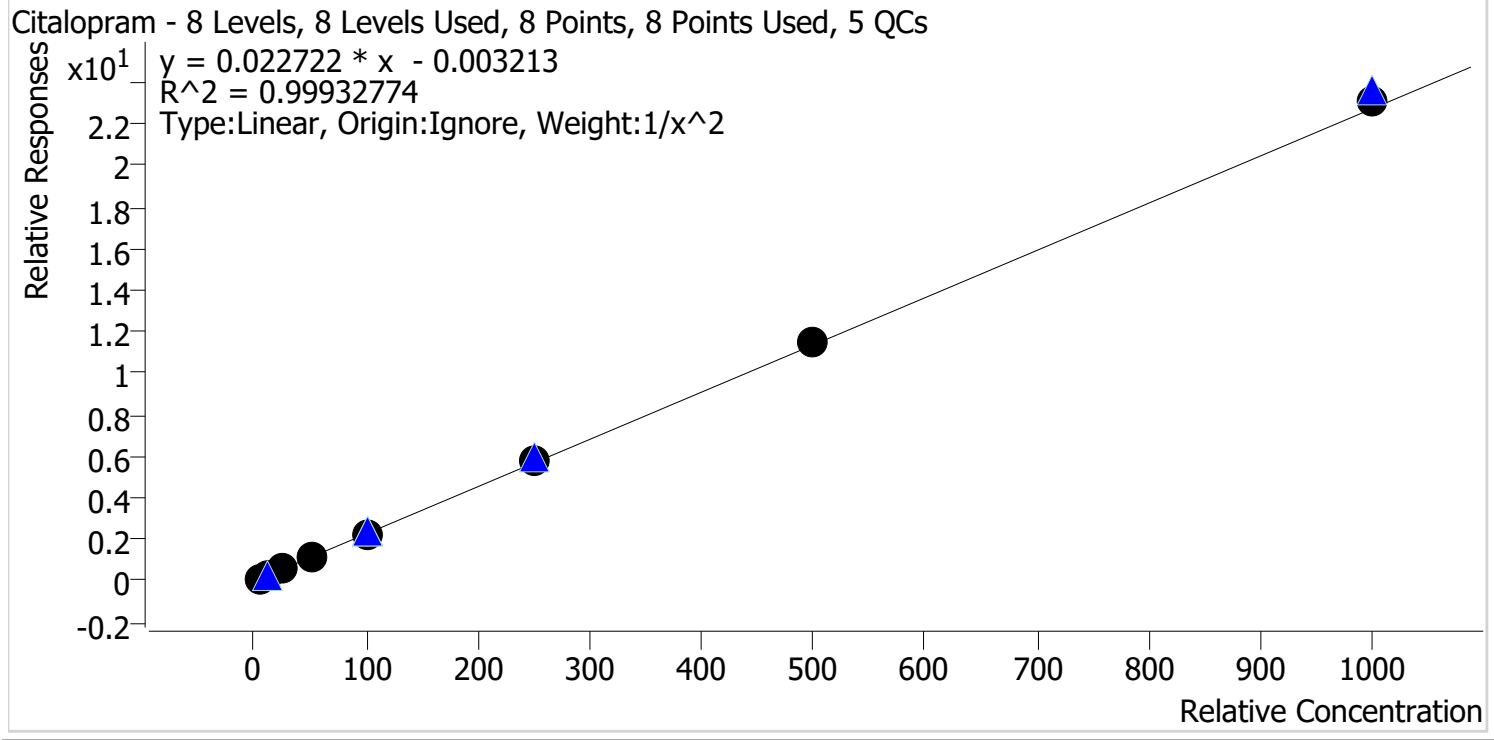
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.5	95.1
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	515.9	103.2
p1 Cal 8-1000ng	8	✓	1000.0	1107.7	110.8

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



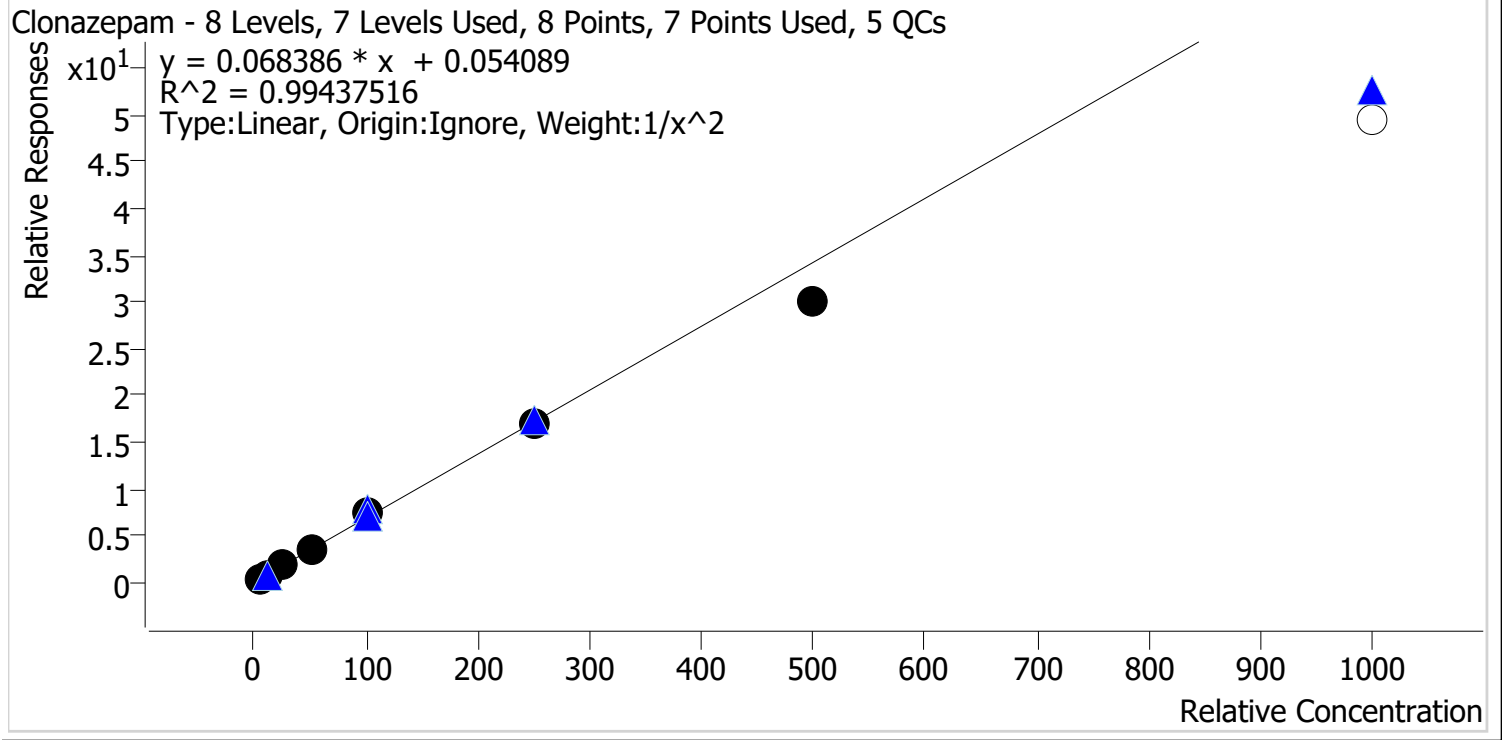
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1013.9	101.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	437.1	87.4
p1 Cal 8-1000ng	8	✗	1000.0	725.9	72.6

Calibrator 8 dropped due to not meeting accuracy requirement.

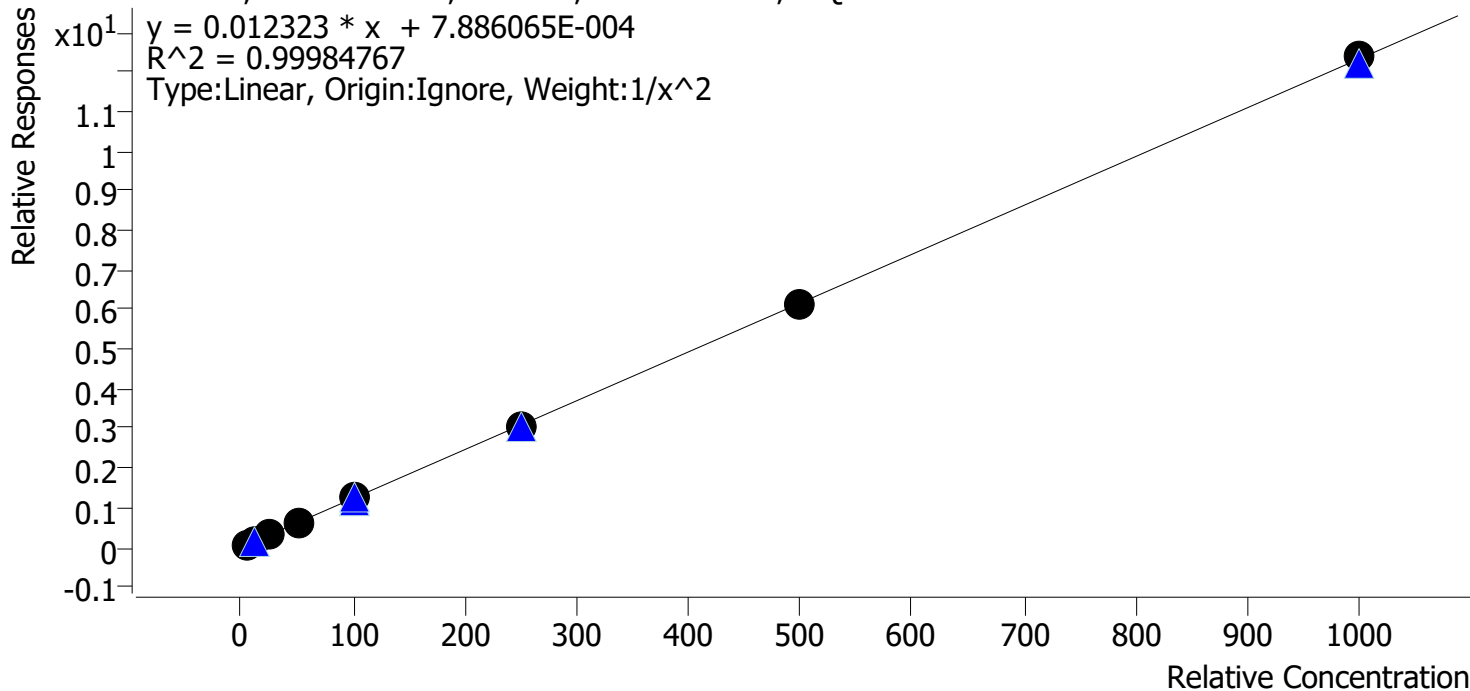
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	247.6	99.0
p1 Cal 7-500ng	7	✓	500.0	500.0	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1004.8	100.5

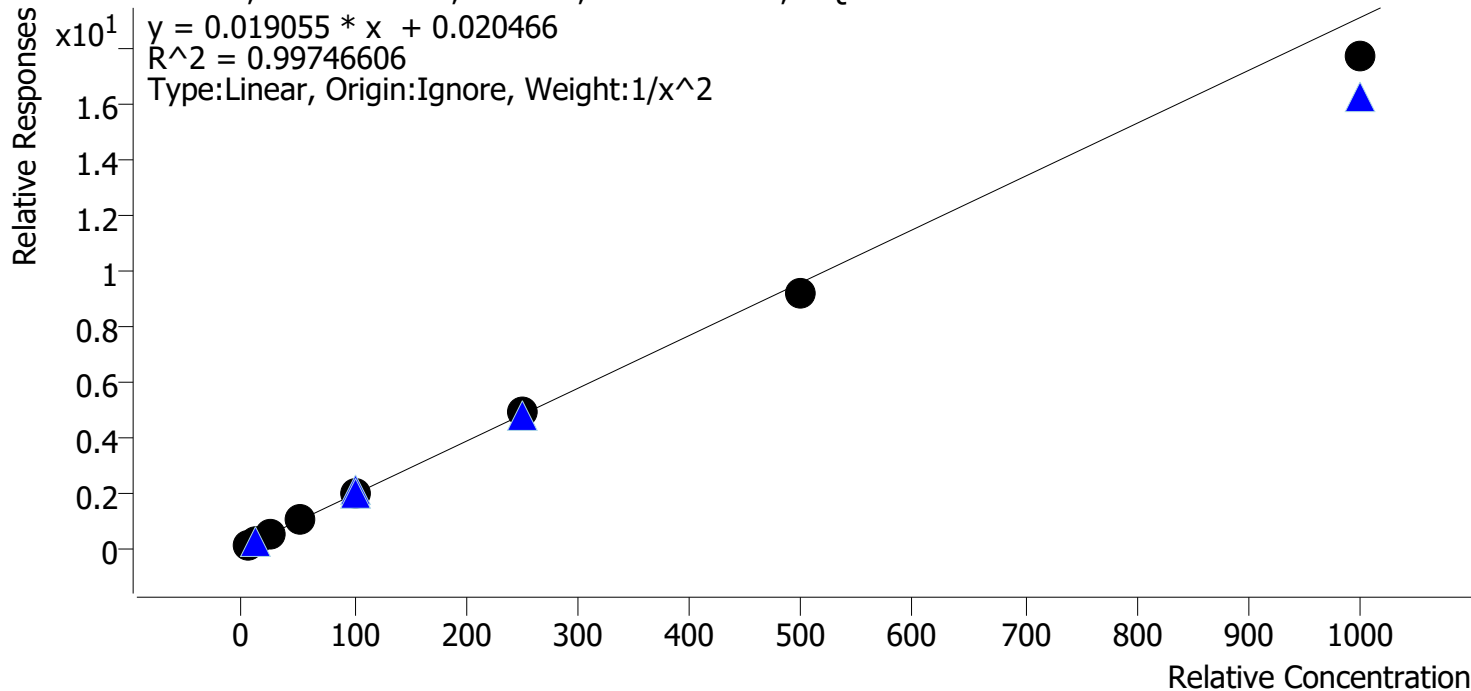
g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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

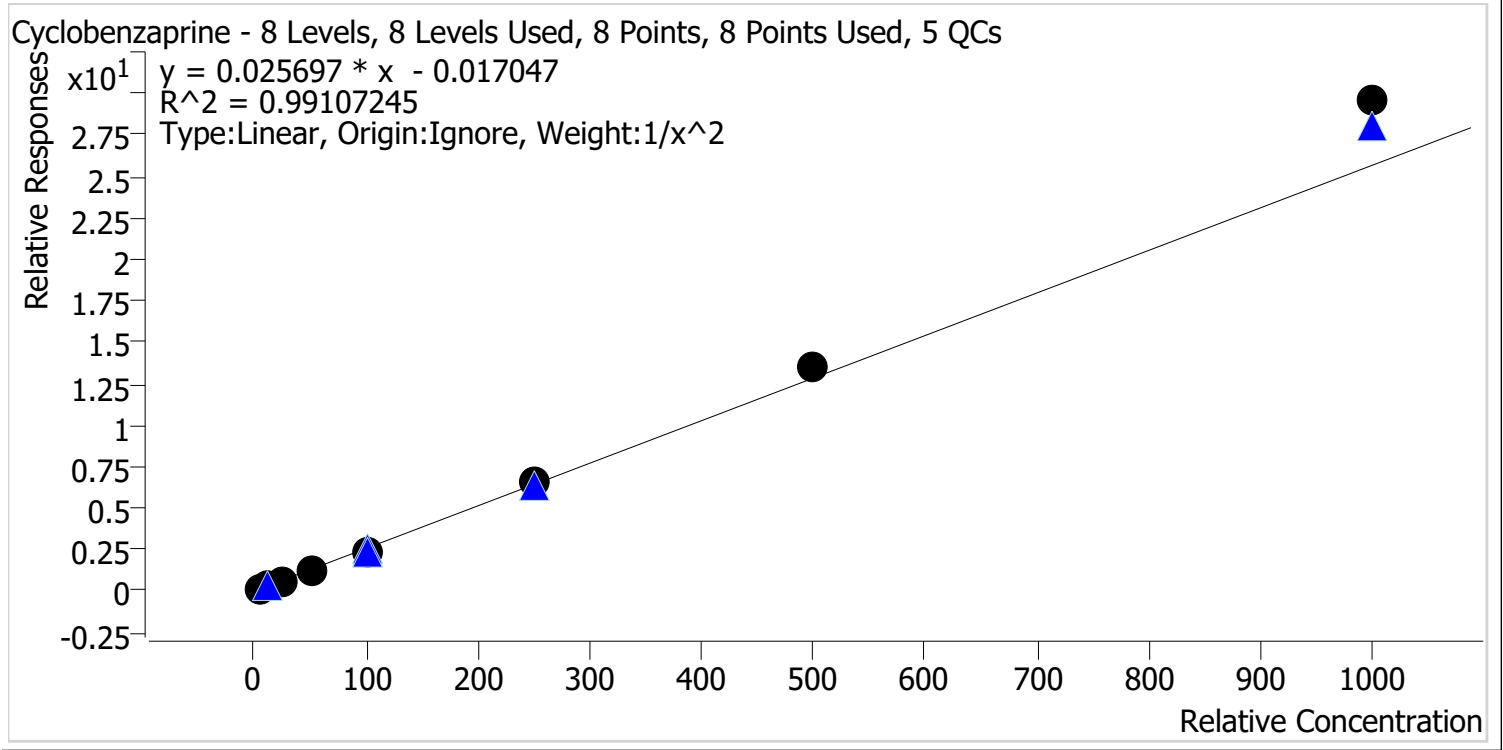


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	476.4	95.3
p1 Cal 8-1000ng	8	✓	1000.0	926.2	92.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

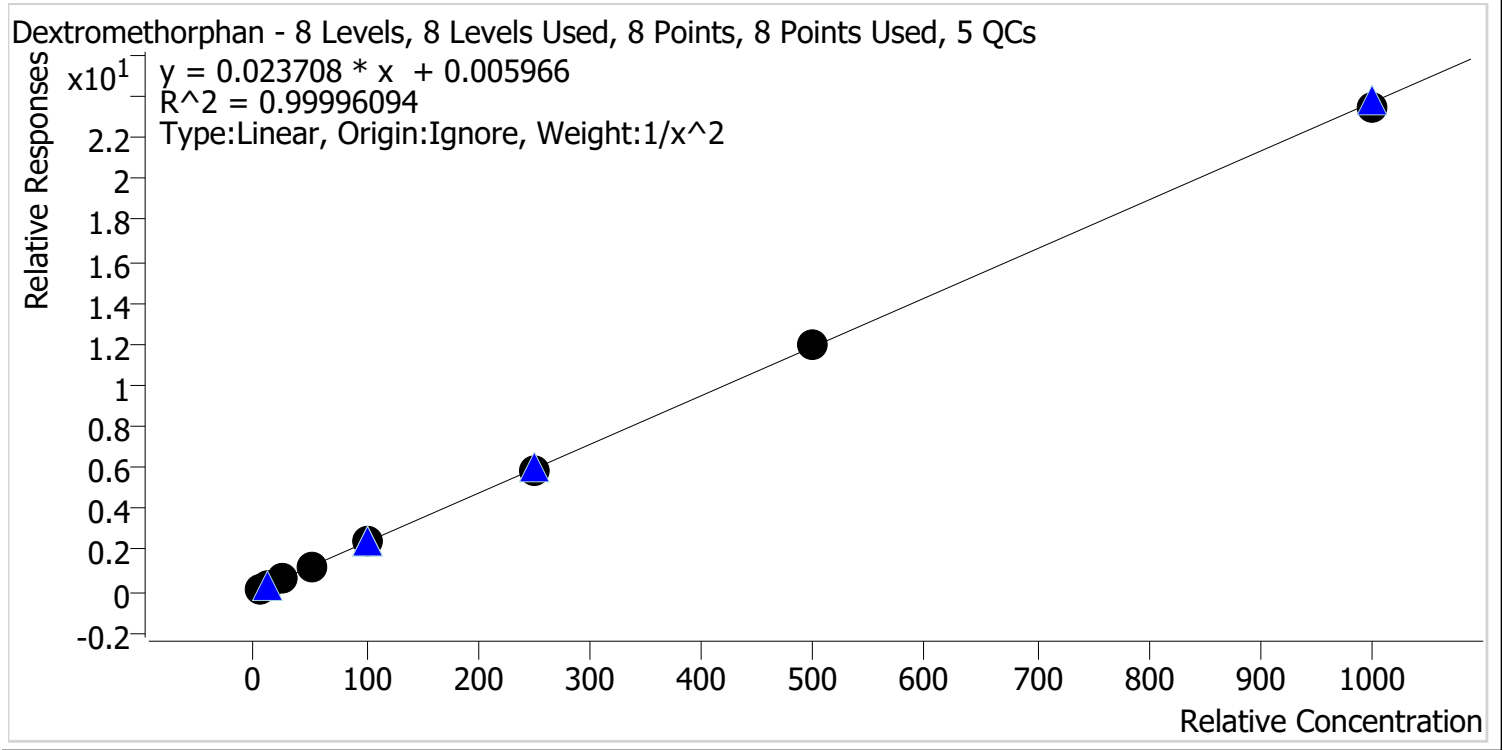


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	22.6	90.3
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	523.1	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1152.0	115.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



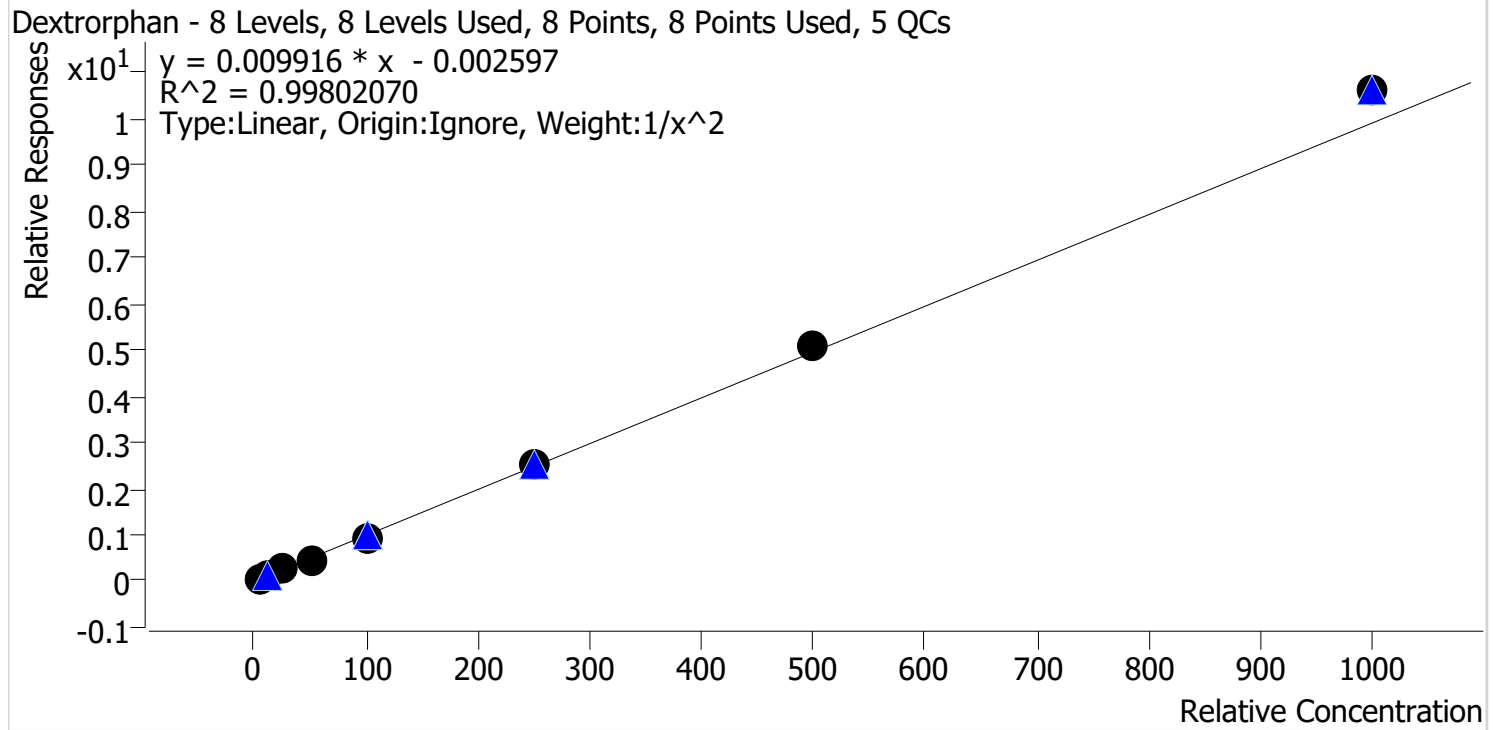
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.5
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	100.4	100.4
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	502.0	100.4
p1 Cal 8-1000ng	8	✓	1000.0	988.6	98.9

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

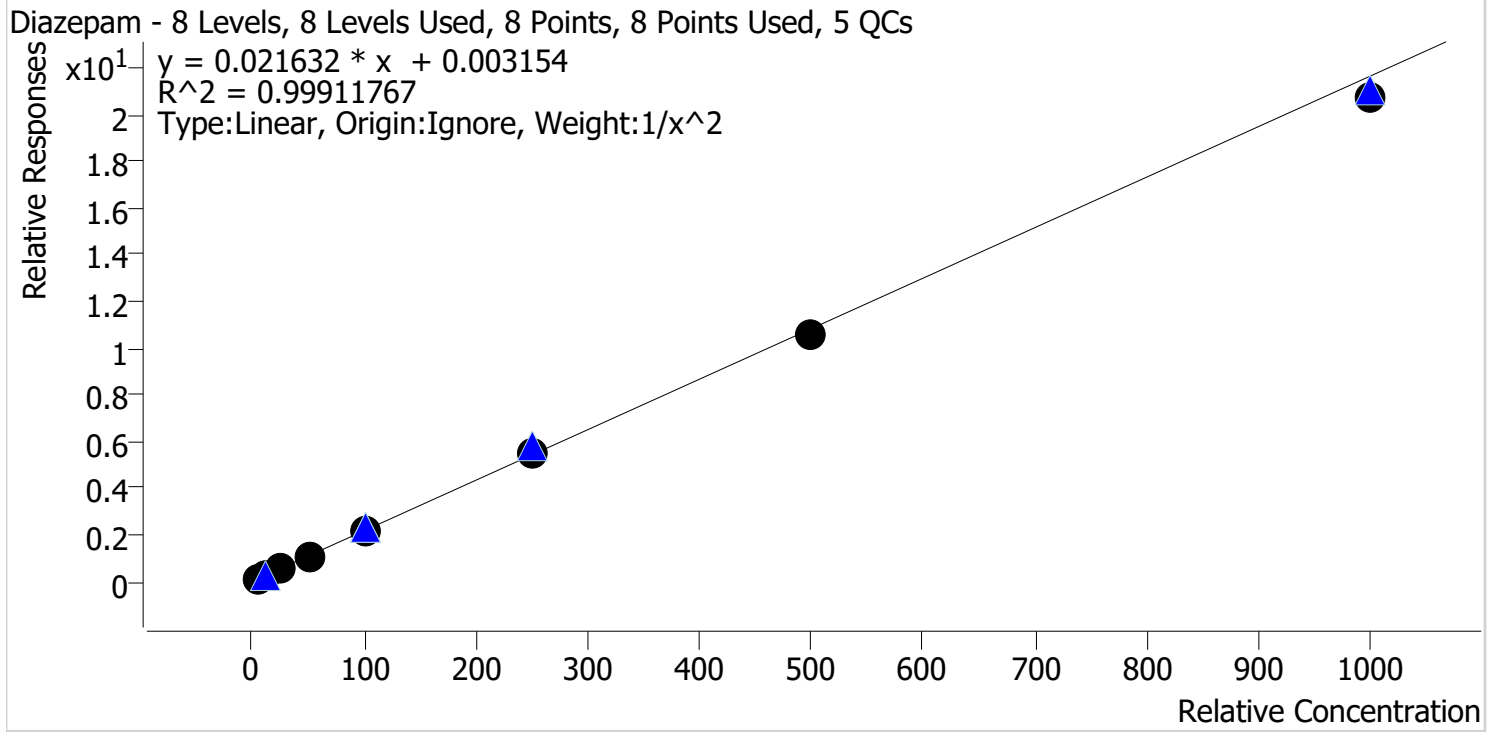


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1069.1	106.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
p1 Cal 8-1000ng	8	✓	1000.0	955.3	95.5

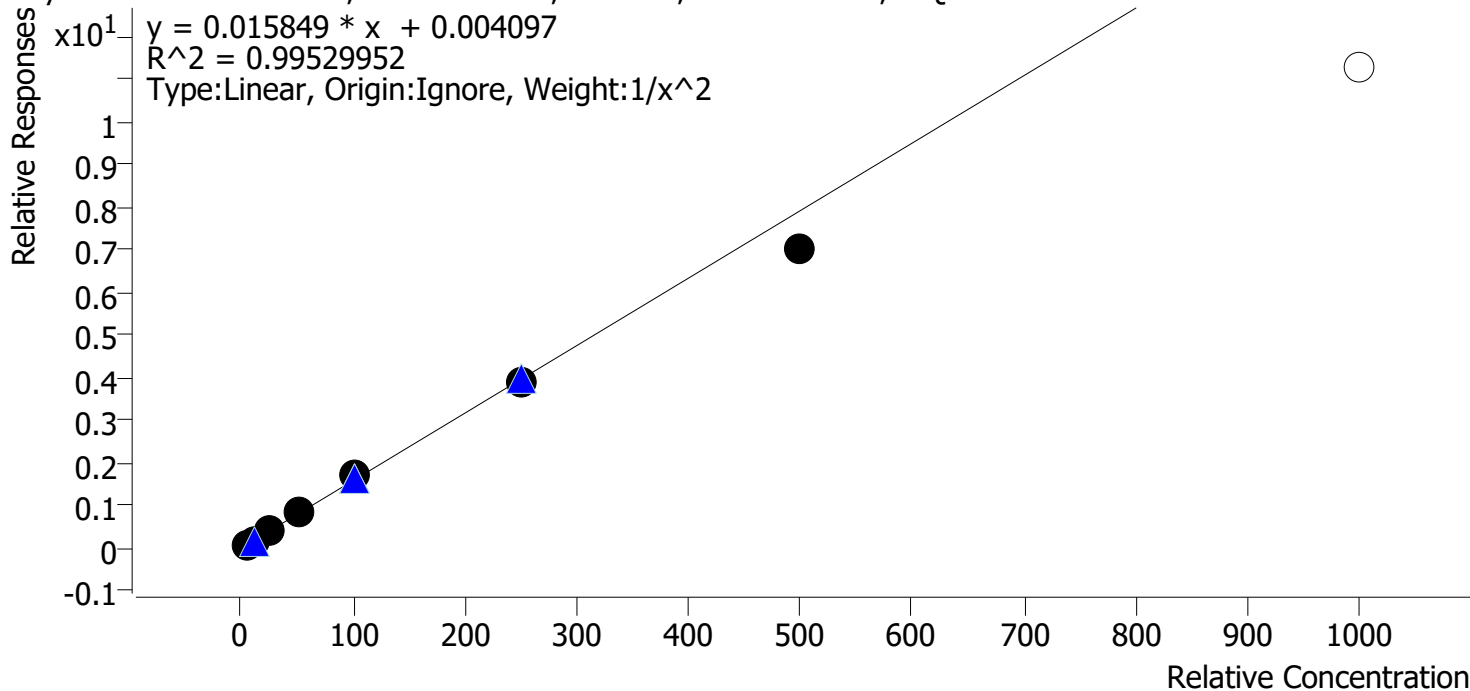
cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	443.1	88.6
p1 Cal 8-1000ng	8	✗	1000.0	713.5	71.4

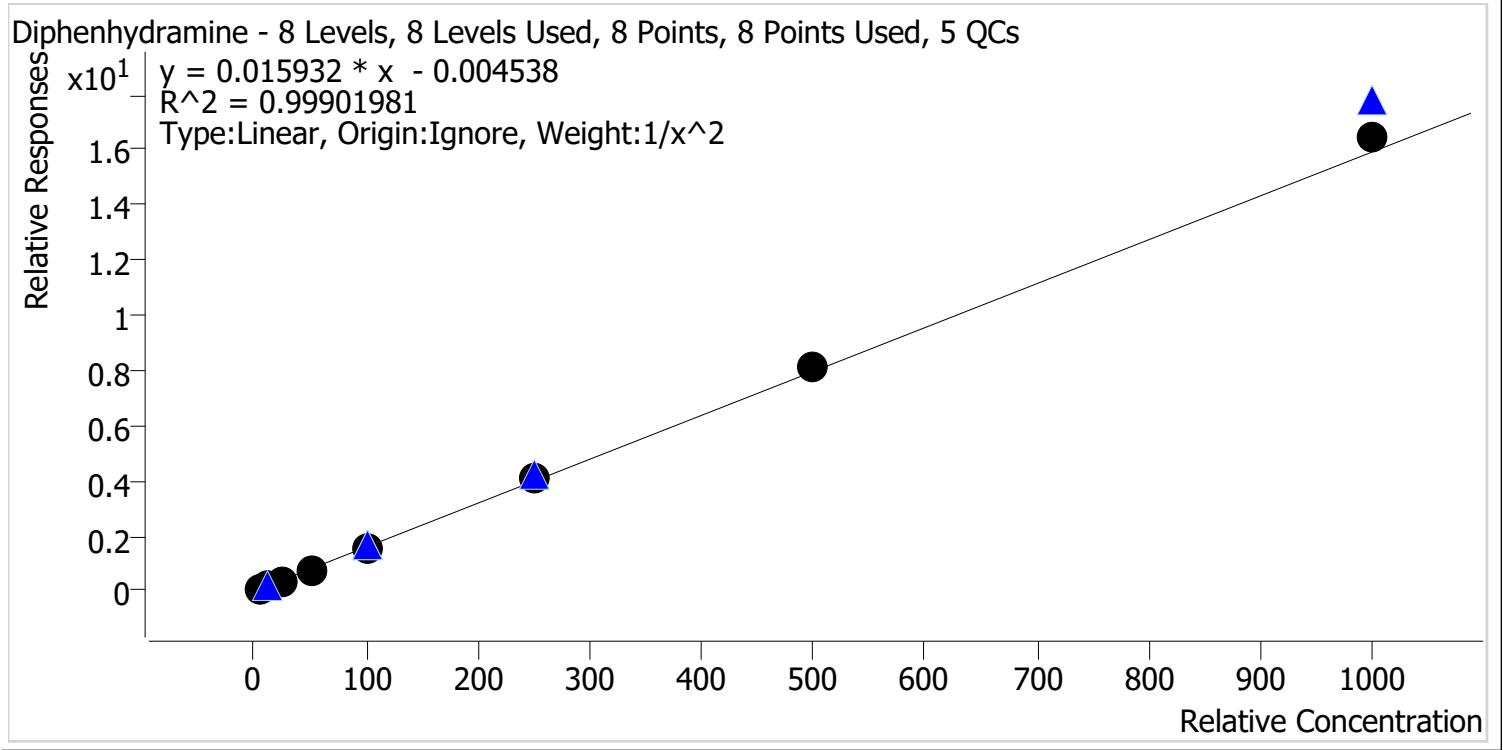
Calibrator 8 dropped due to not meeting accuracy requirement.

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

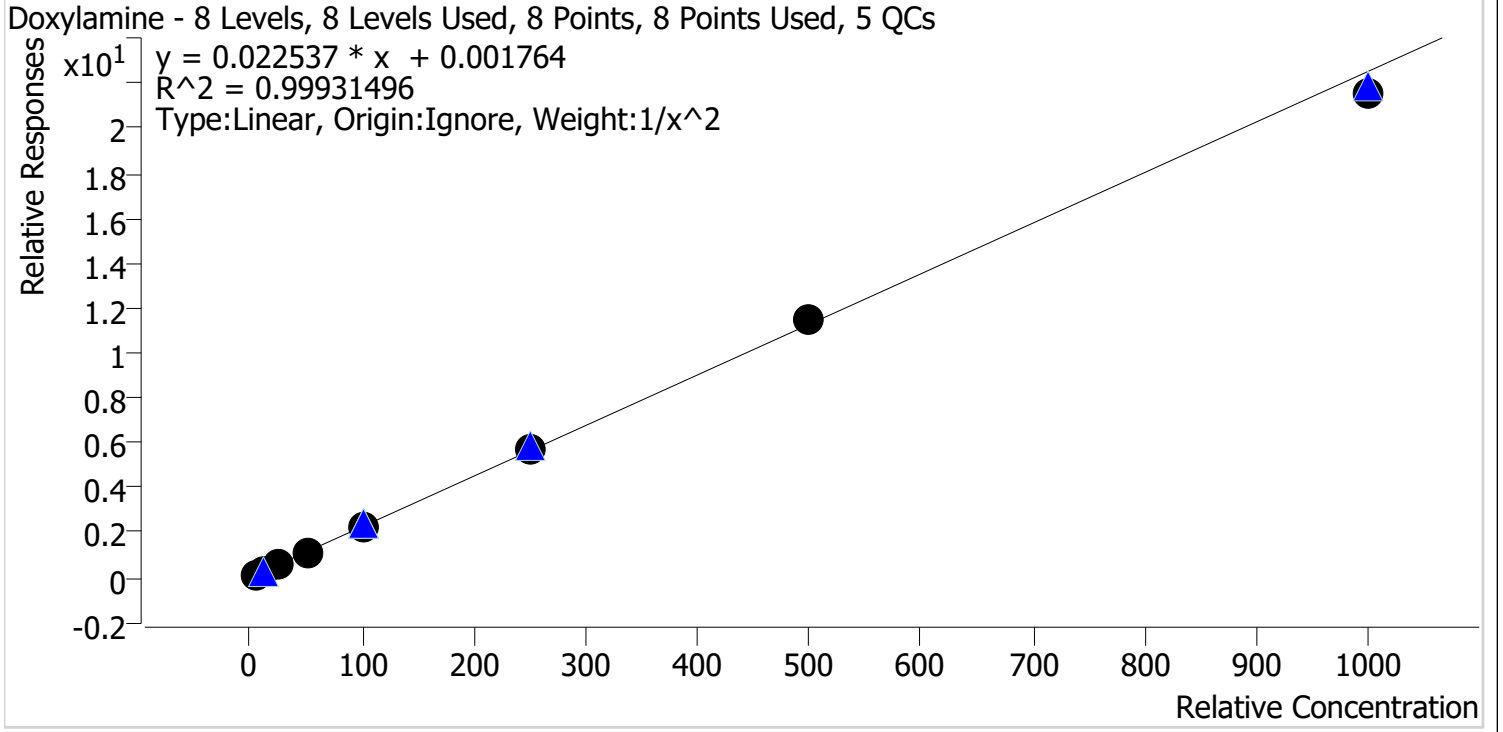


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	254.3	101.7
p1 Cal 7-500ng	7	✓	500.0	512.5	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1031.8	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



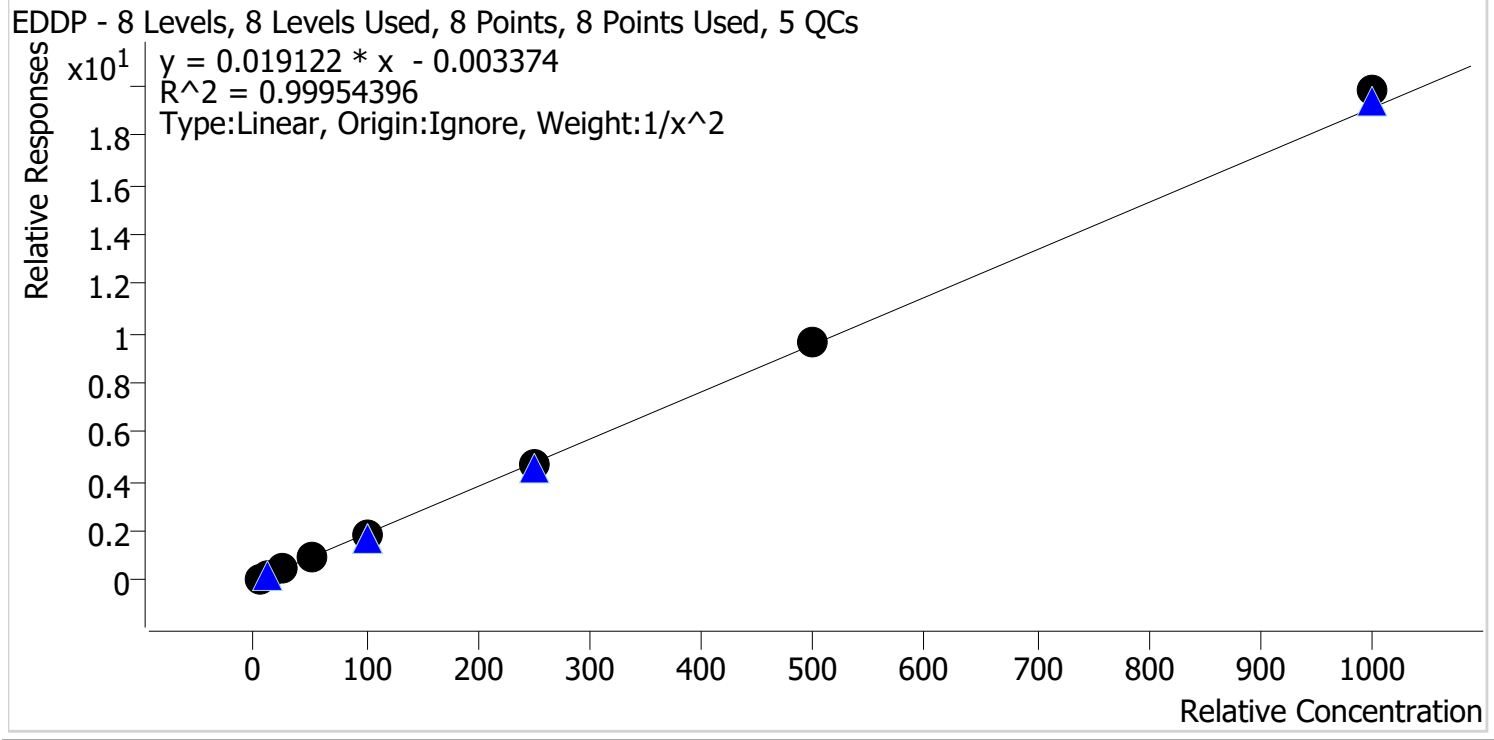
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	256.6	102.7
p1 Cal 7-500ng	7	✓	500.0	508.9	101.8
p1 Cal 8-1000ng	8	✓	1000.0	958.3	95.8

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

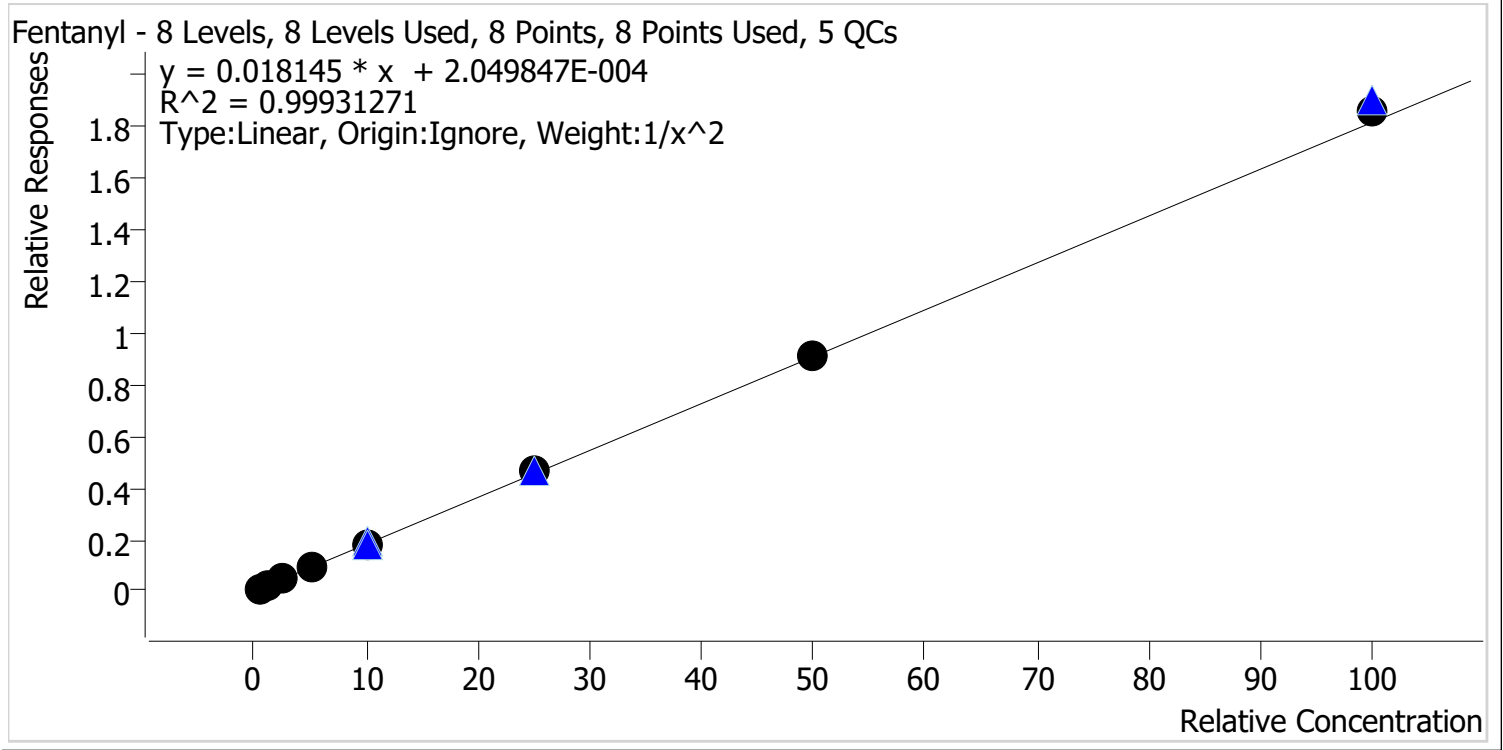


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	502.1	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1036.5	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



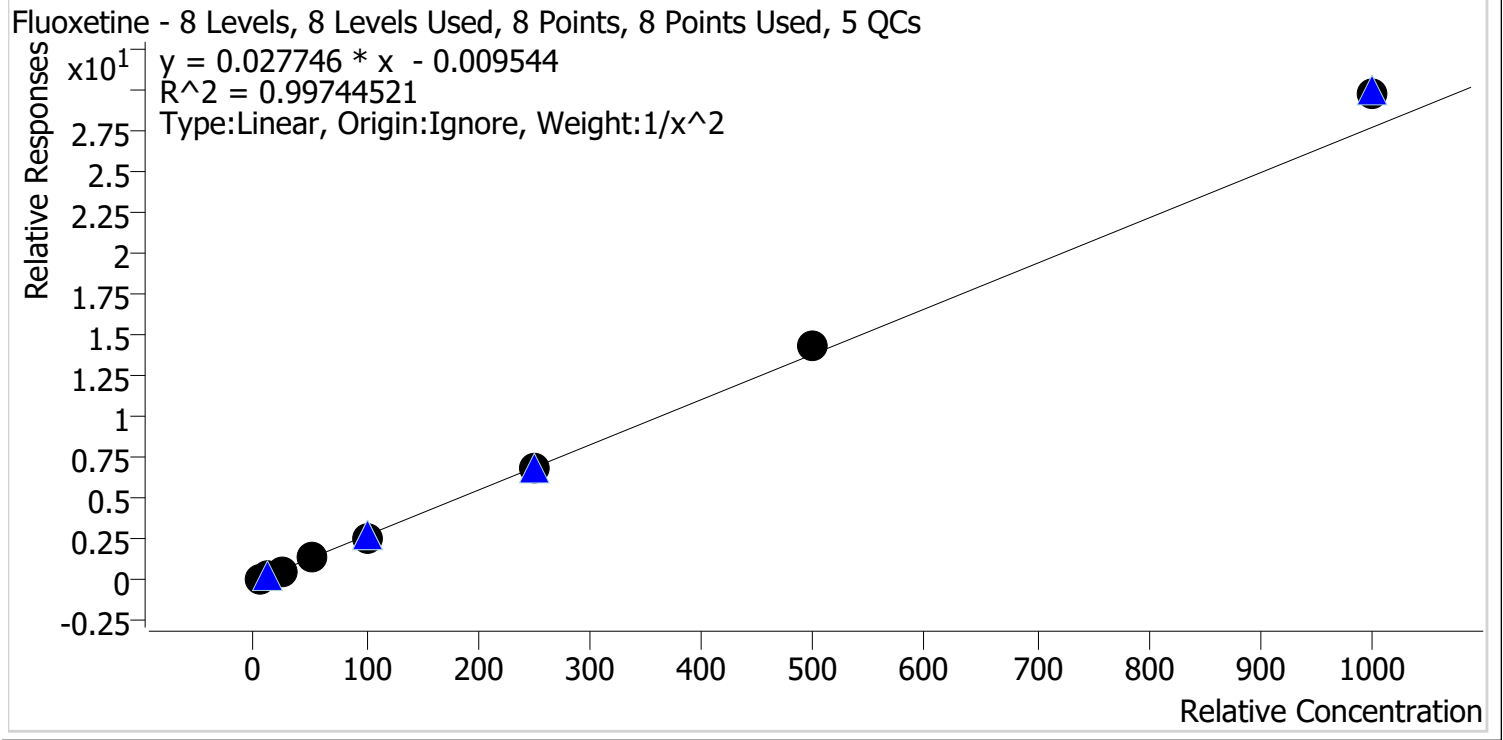
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.2
p1 Cal 2-10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.3
p1 Cal 4-50ng	4	✓	5.0	5.1	101.1
p1 Cal 5-100ng	5	✓	10.0	10.0	100.5
p1 Cal 6-250ng	6	✓	25.0	25.3	101.2
p1 Cal 7-500ng	7	✓	50.0	49.9	99.8
p1 Cal 8-1000ng	8	✓	100.0	102.2	102.2

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



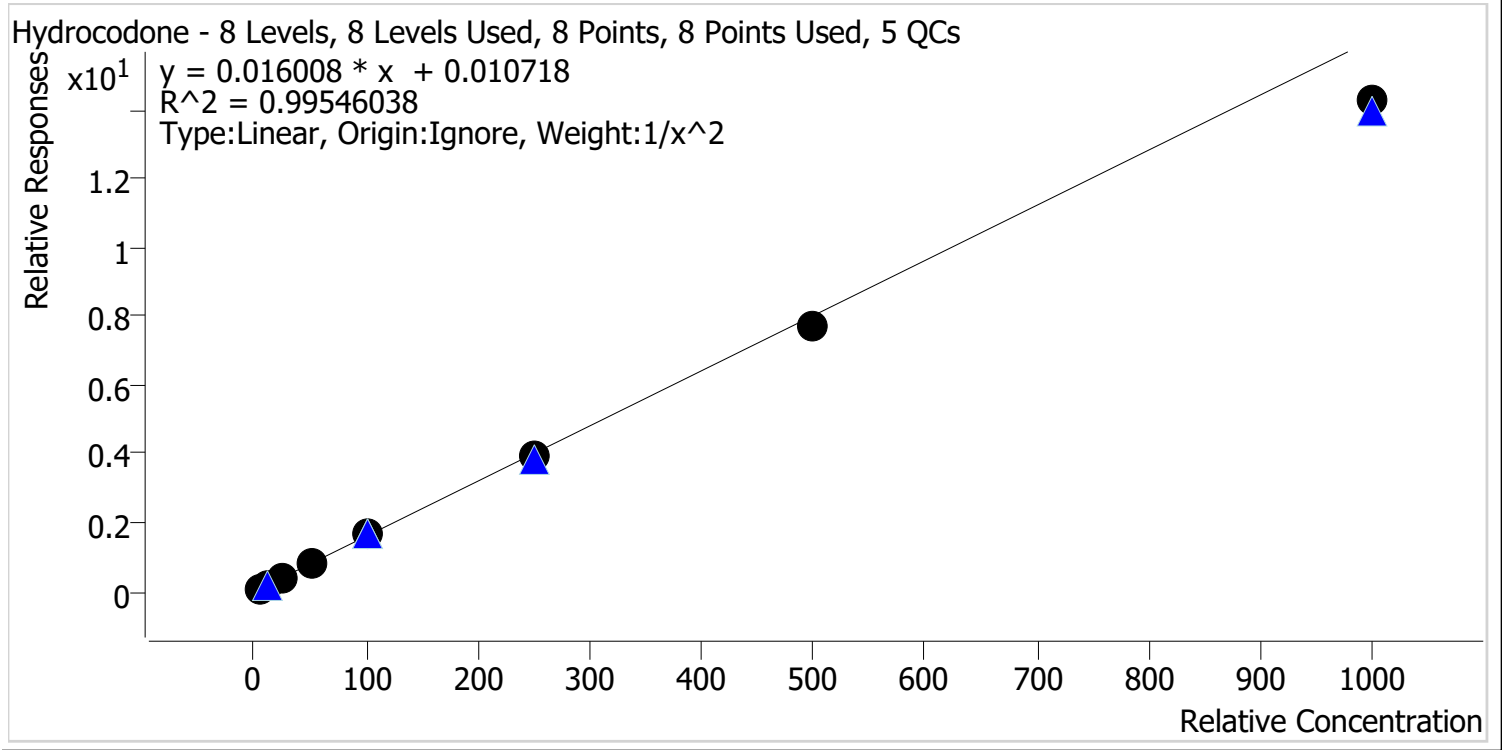
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng	5	✓	100.0	93.3	93.3
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1074.6	107.5

9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



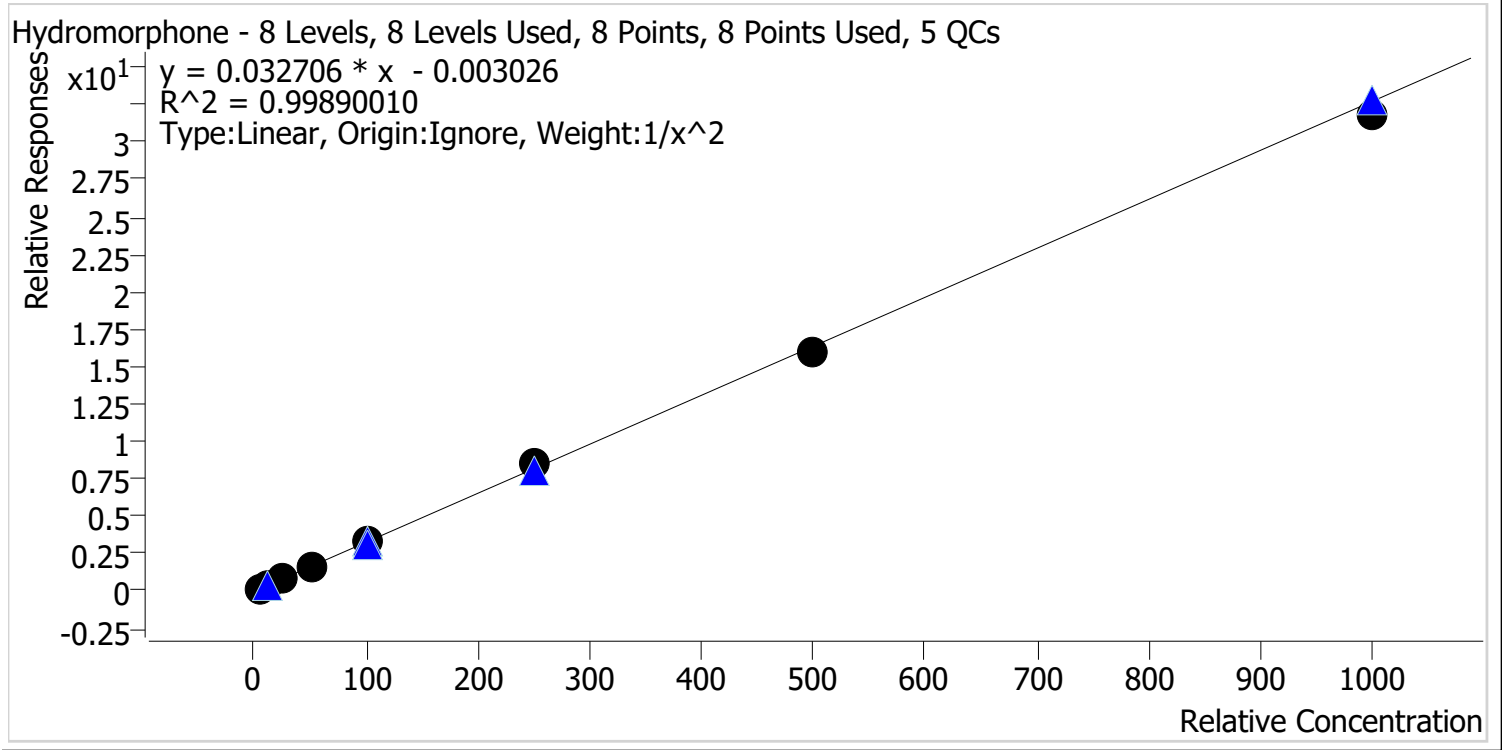
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	482.5	96.5
p1 Cal 8-1000ng	8	✓	1000.0	889.8	89.0

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

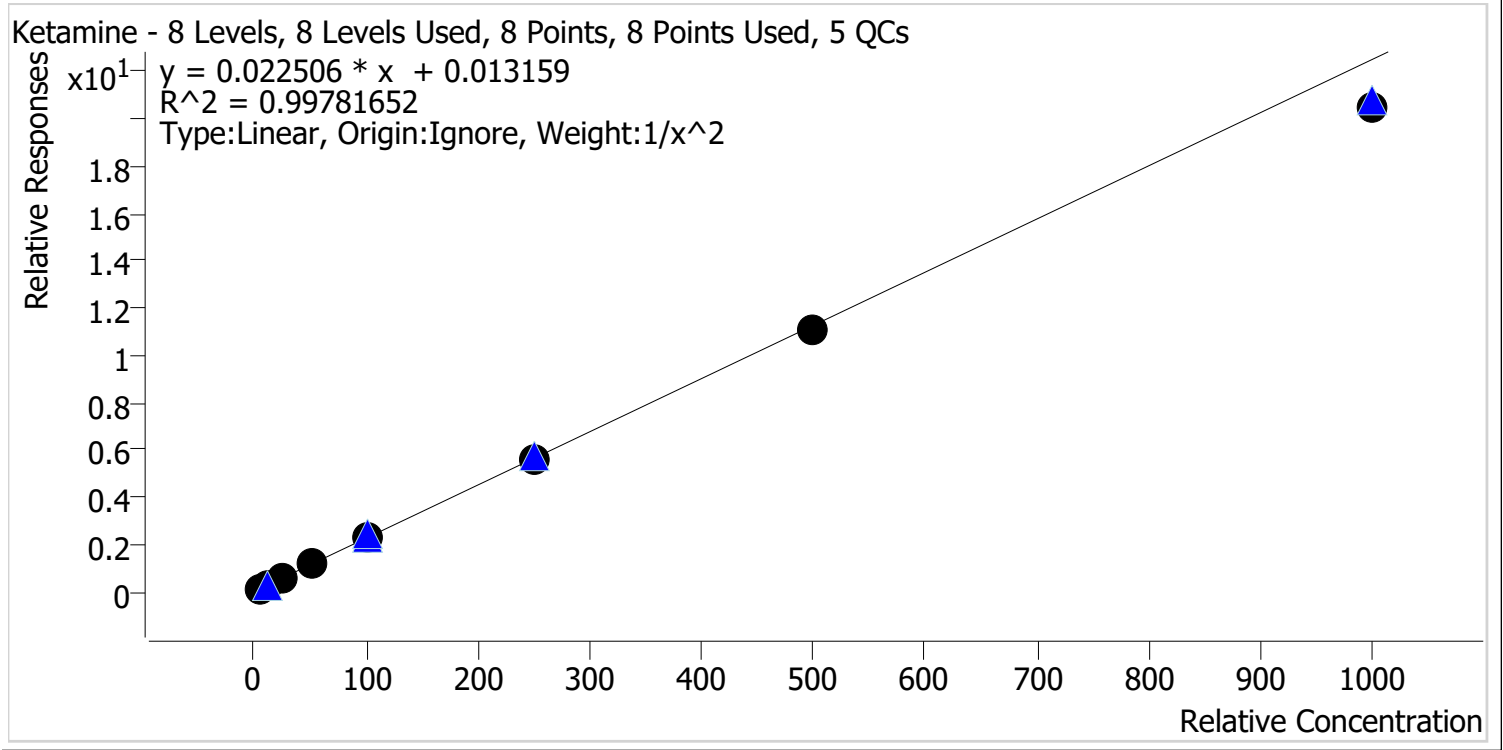


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	258.9	103.5
p1 Cal 7-500ng	7	✓	500.0	489.0	97.8
p1 Cal 8-1000ng	8	✓	1000.0	972.8	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

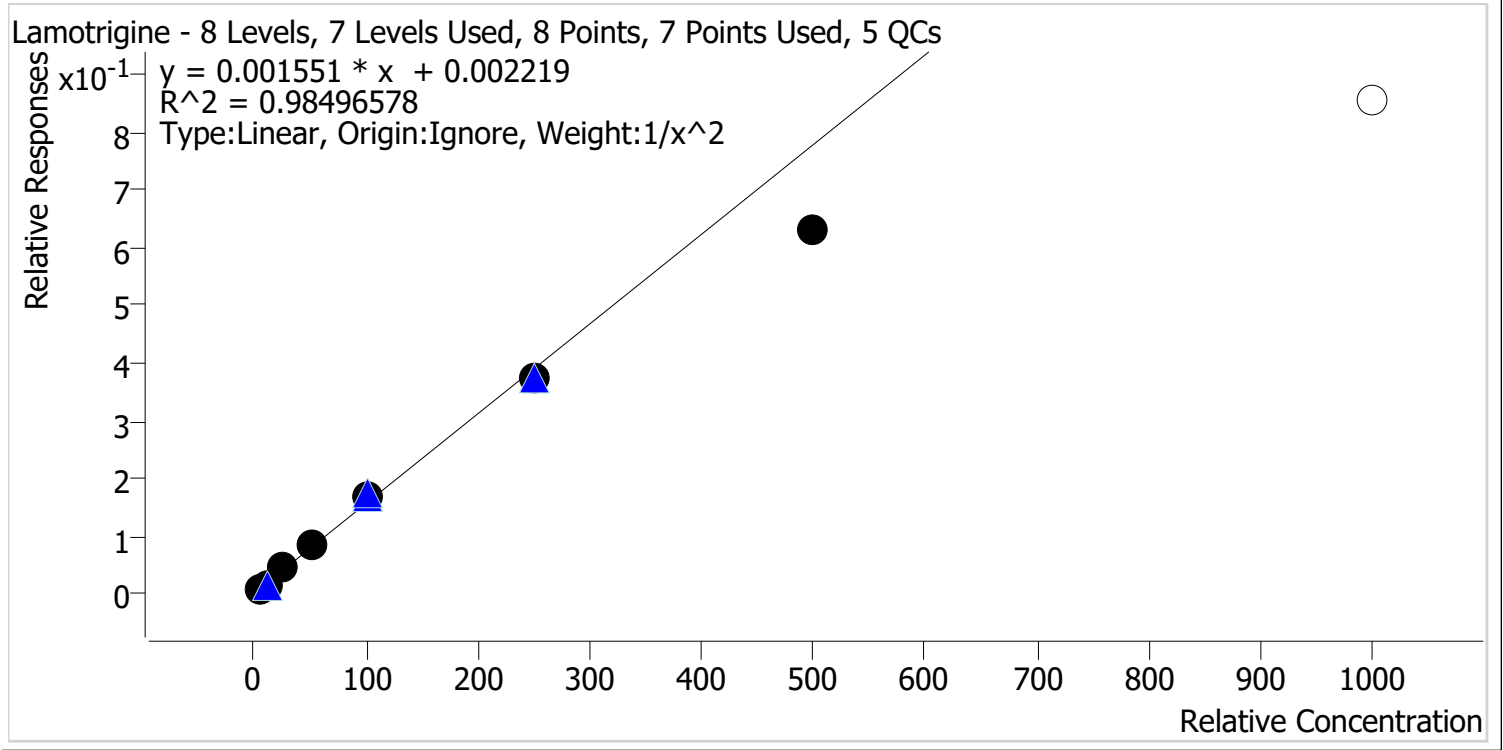
Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	493.3	98.7
p1 Cal 8-1000ng	8	✓	1000.0	913.3	91.3

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



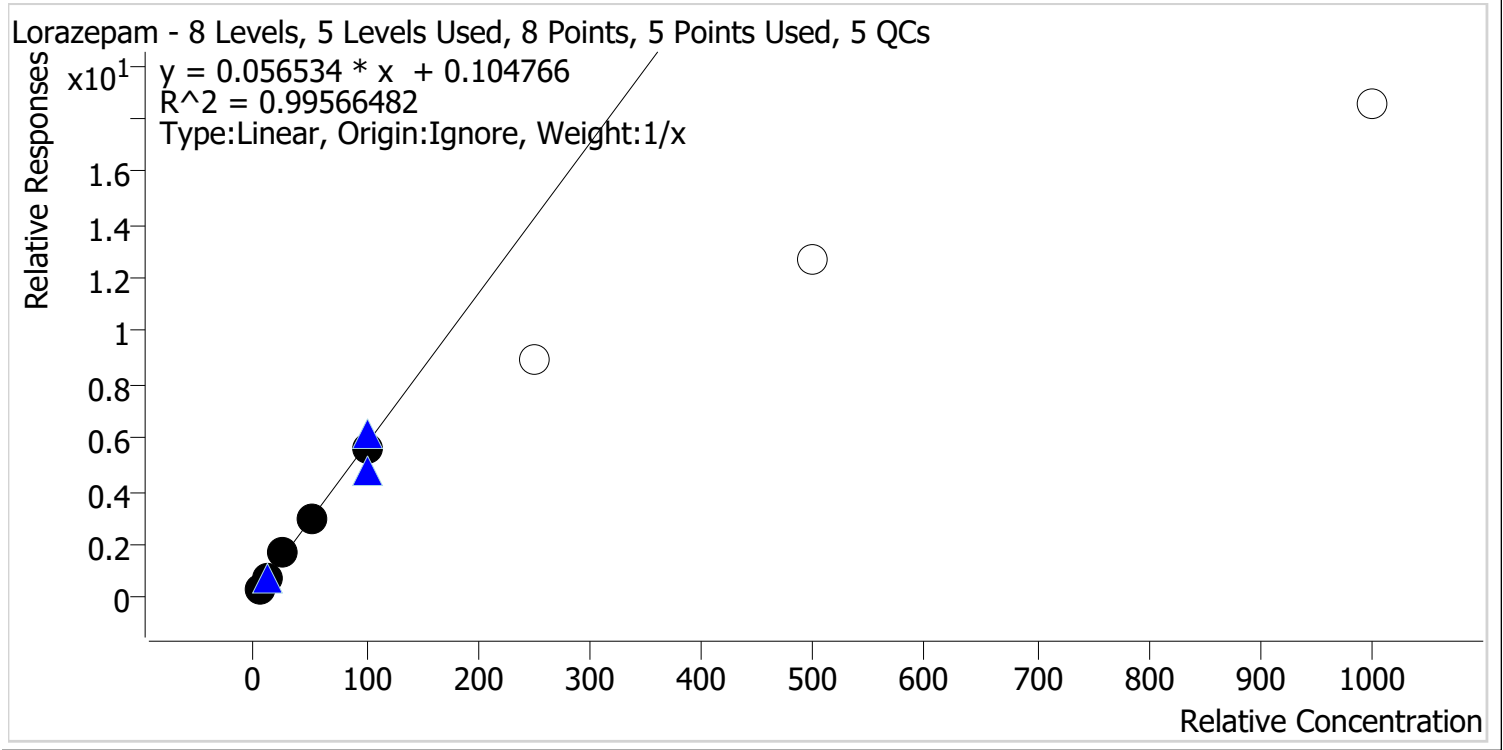
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.1
p1 Cal 3 -25ng	3	✓	25.0	28.3	113.3
p1 Cal 4-50ng	4	✓	50.0	53.5	106.9
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	240.1	96.1
p1 Cal 7-500ng	7	✓	500.0	404.5	80.9
p1 Cal 8-1000ng	8	✗	1000.0	549.1	54.9

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



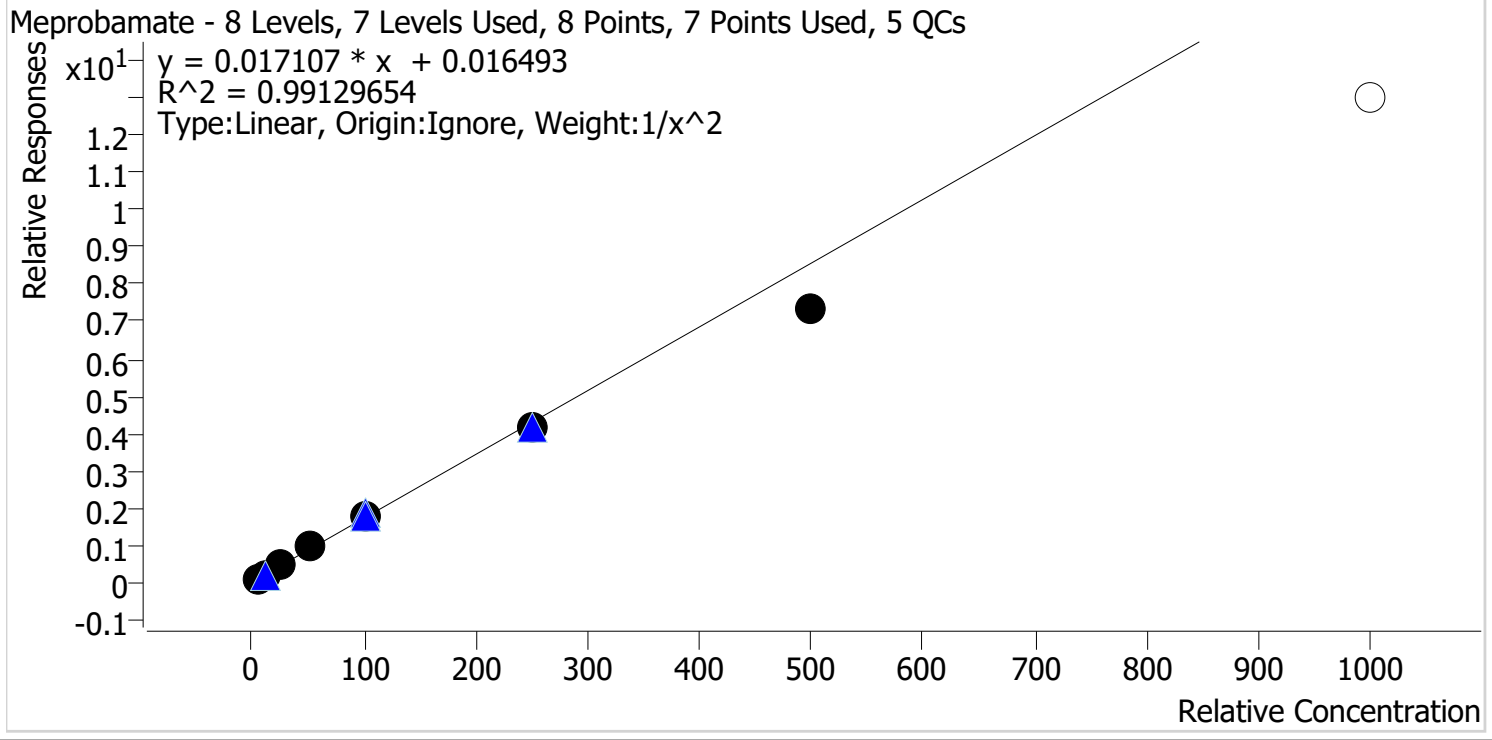
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.3	86.1
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✗	250.0	156.2	62.5
p1 Cal 7-500ng	7	✗	500.0	222.4	44.5
p1 Cal 8-1000ng	8	✗	1000.0	325.5	32.5

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



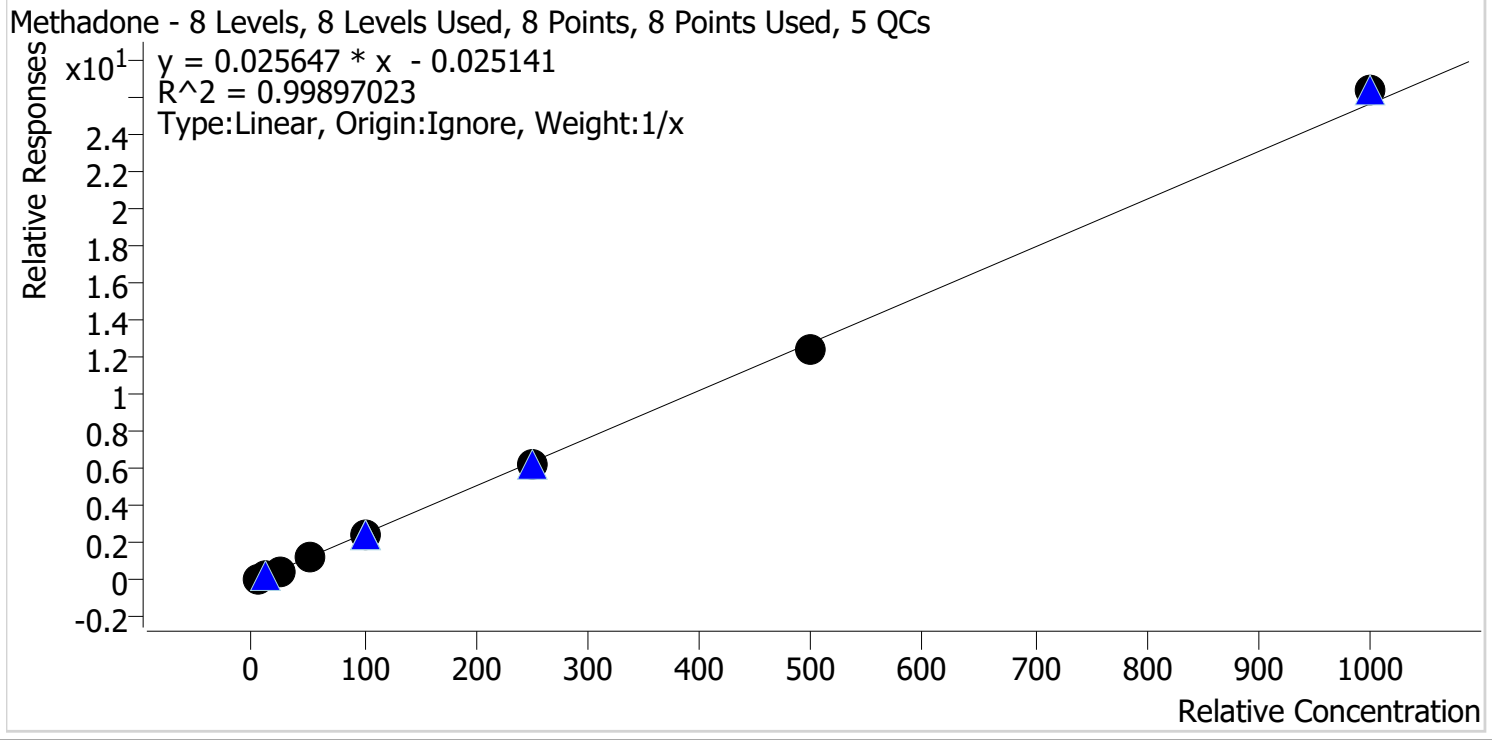
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	239.8	95.9
p1 Cal 7-500ng	7	✓	500.0	427.2	85.4
p1 Cal 8-1000ng	8	✗	1000.0	758.6	75.9

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

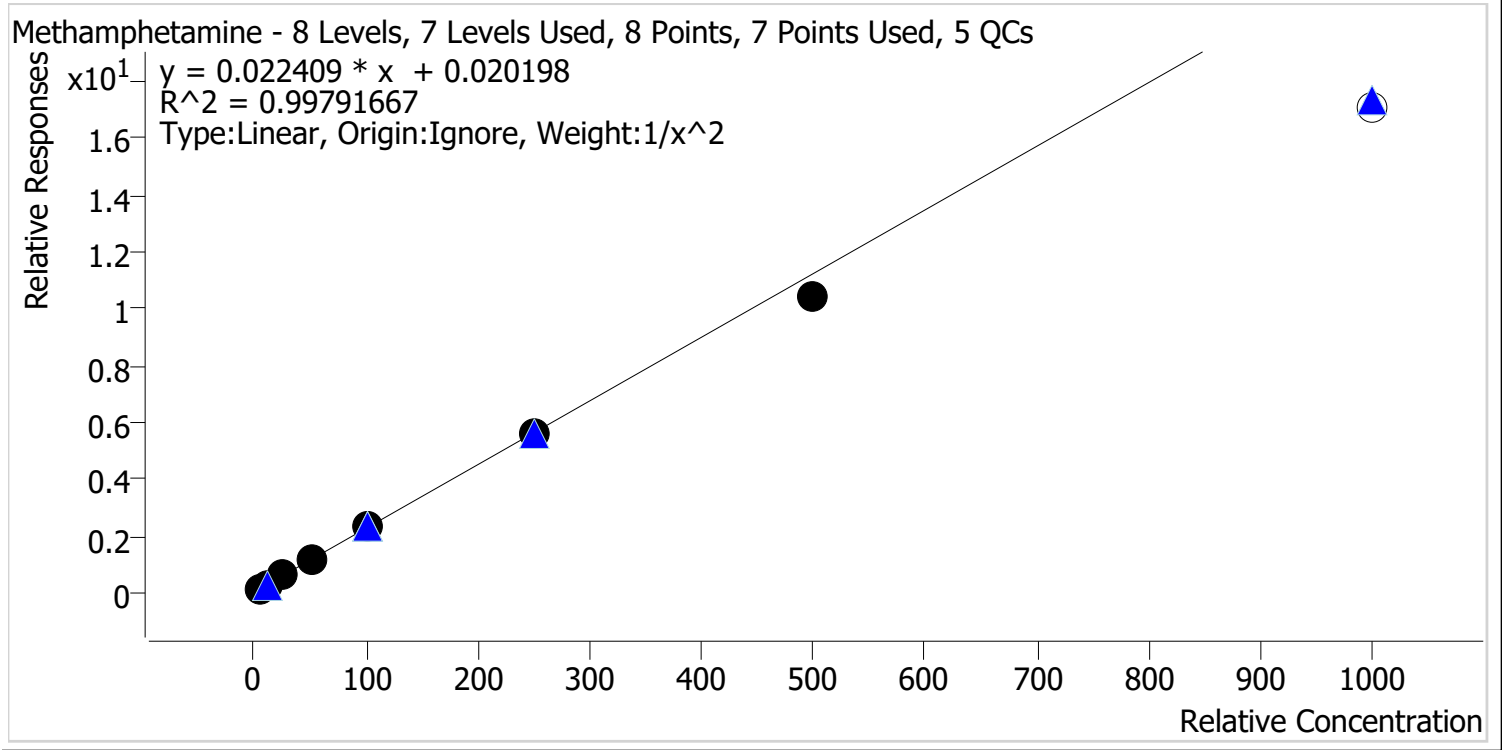


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.8	115.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	242.8	97.1
p1 Cal 7-500ng	7	✓	500.0	486.5	97.3
p1 Cal 8-1000ng	8	✓	1000.0	1027.7	102.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



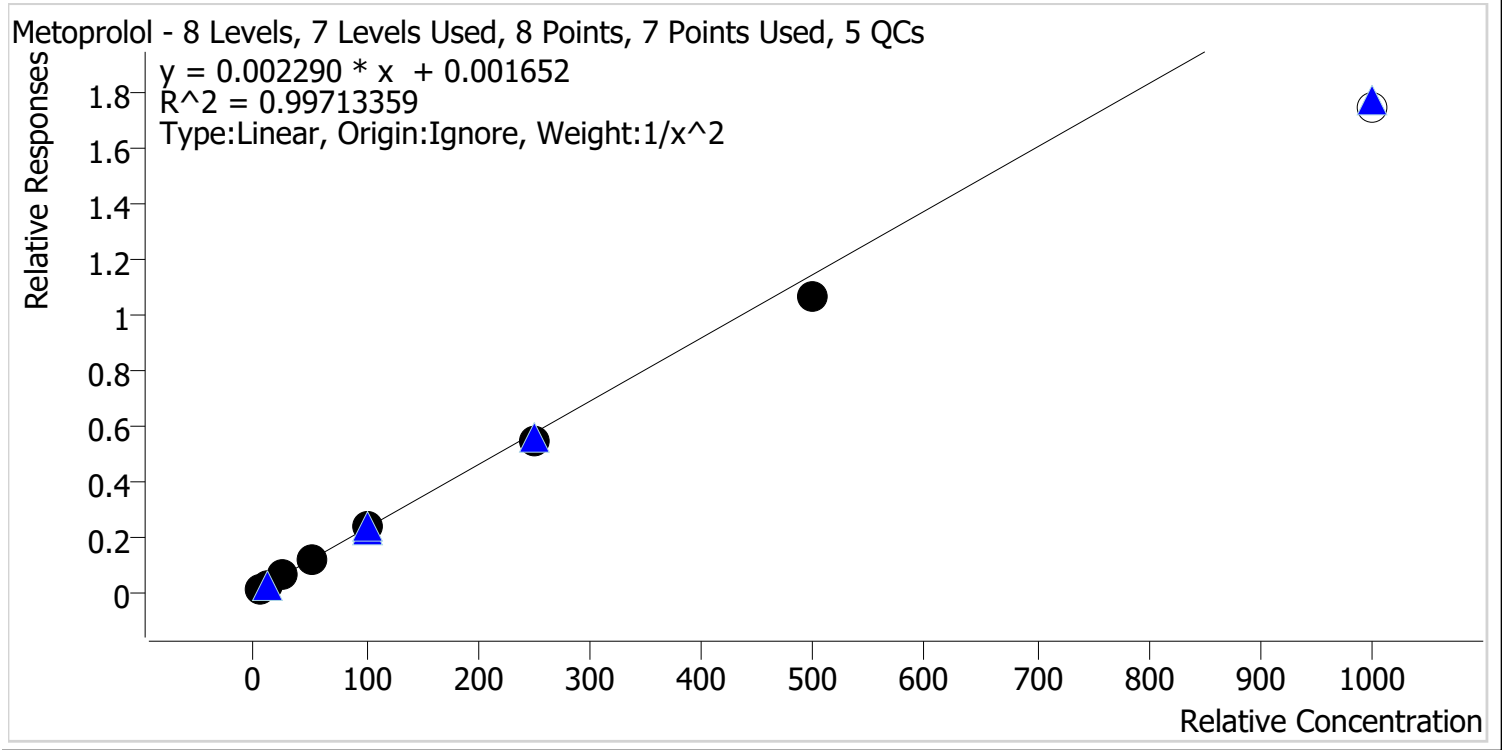
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	103.0	103.0
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	464.2	92.8
p1 Cal 8-1000ng	8	✗	1000.0	758.7	75.9

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3



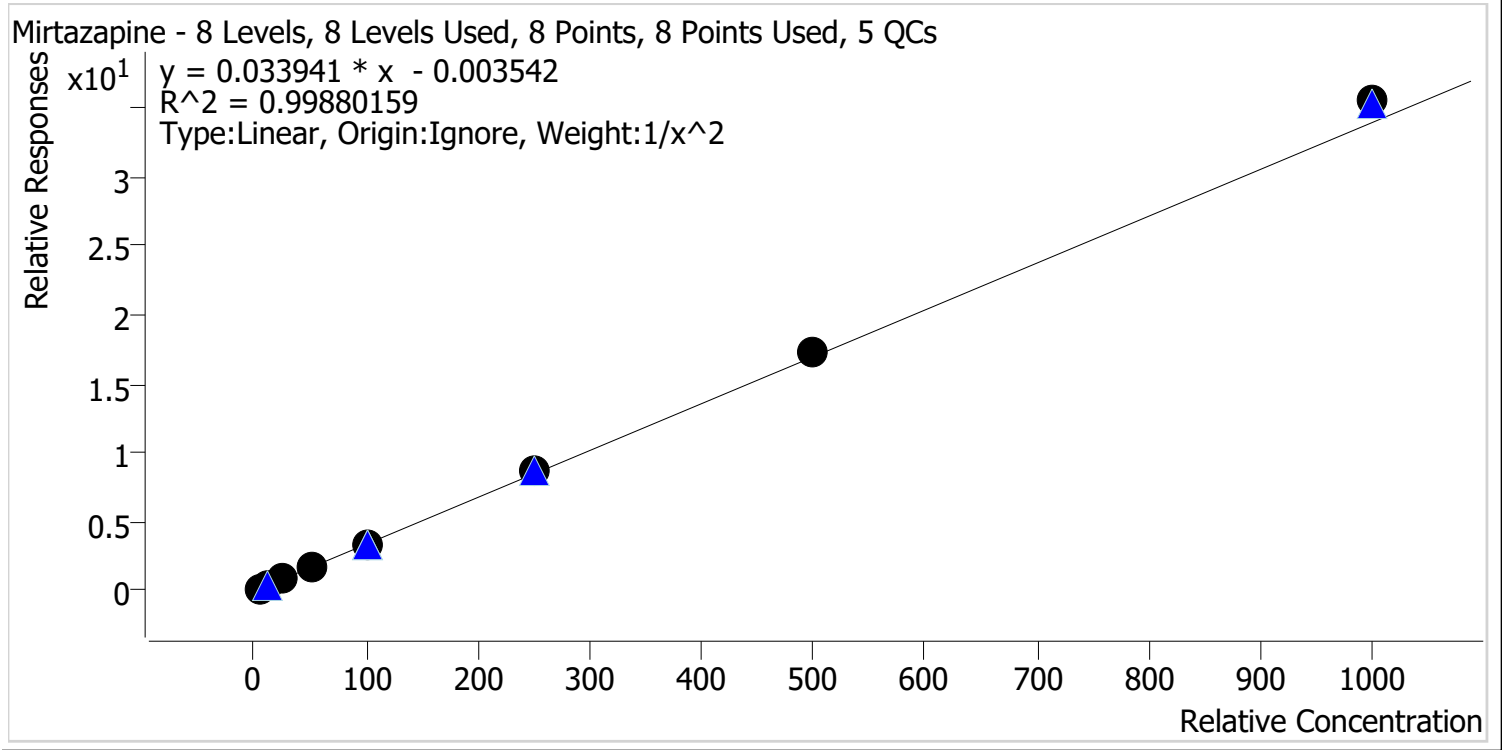
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	239.5	95.8
p1 Cal 7-500ng	7	✓	500.0	466.8	93.4
p1 Cal 8-1000ng	8	✗	1000.0	761.6	76.2

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

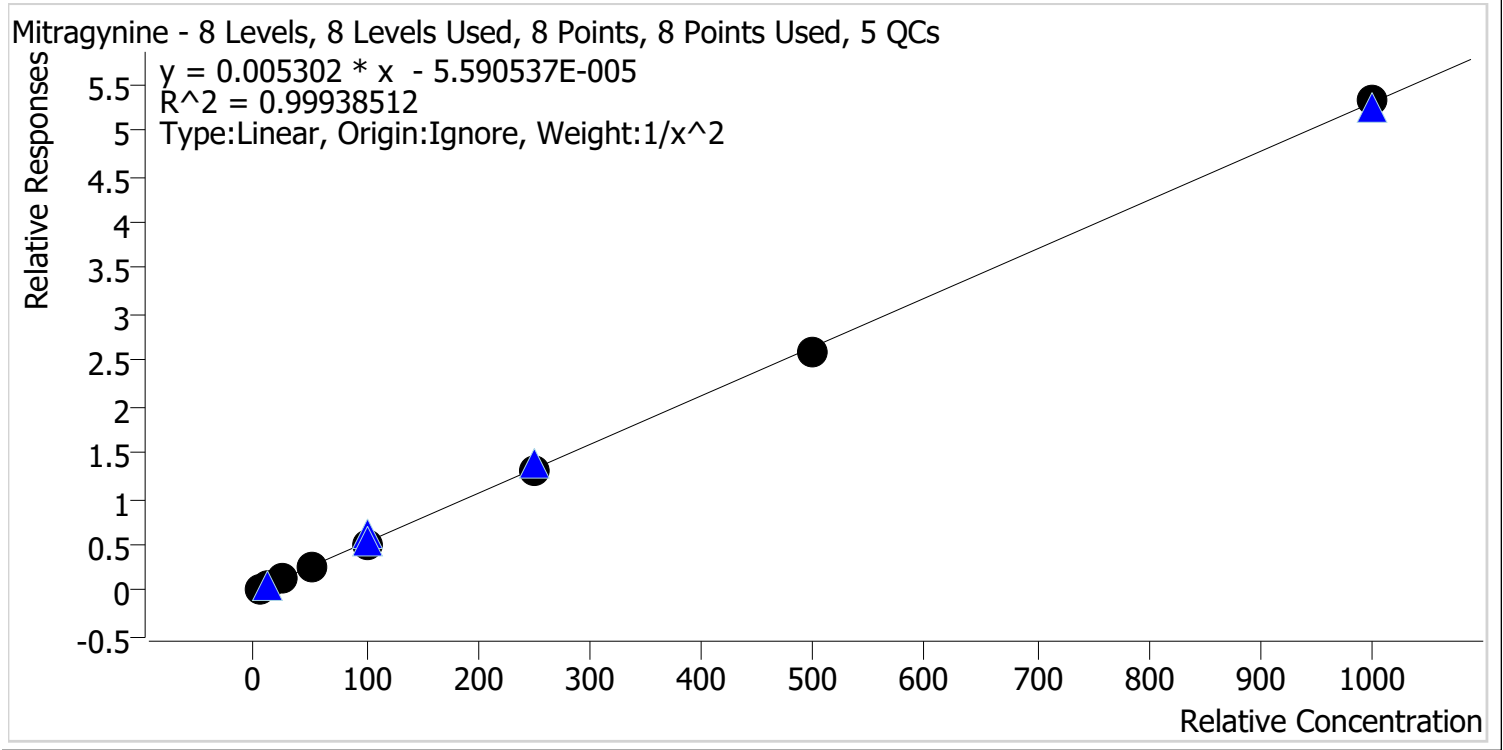


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	510.5	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1046.9	104.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



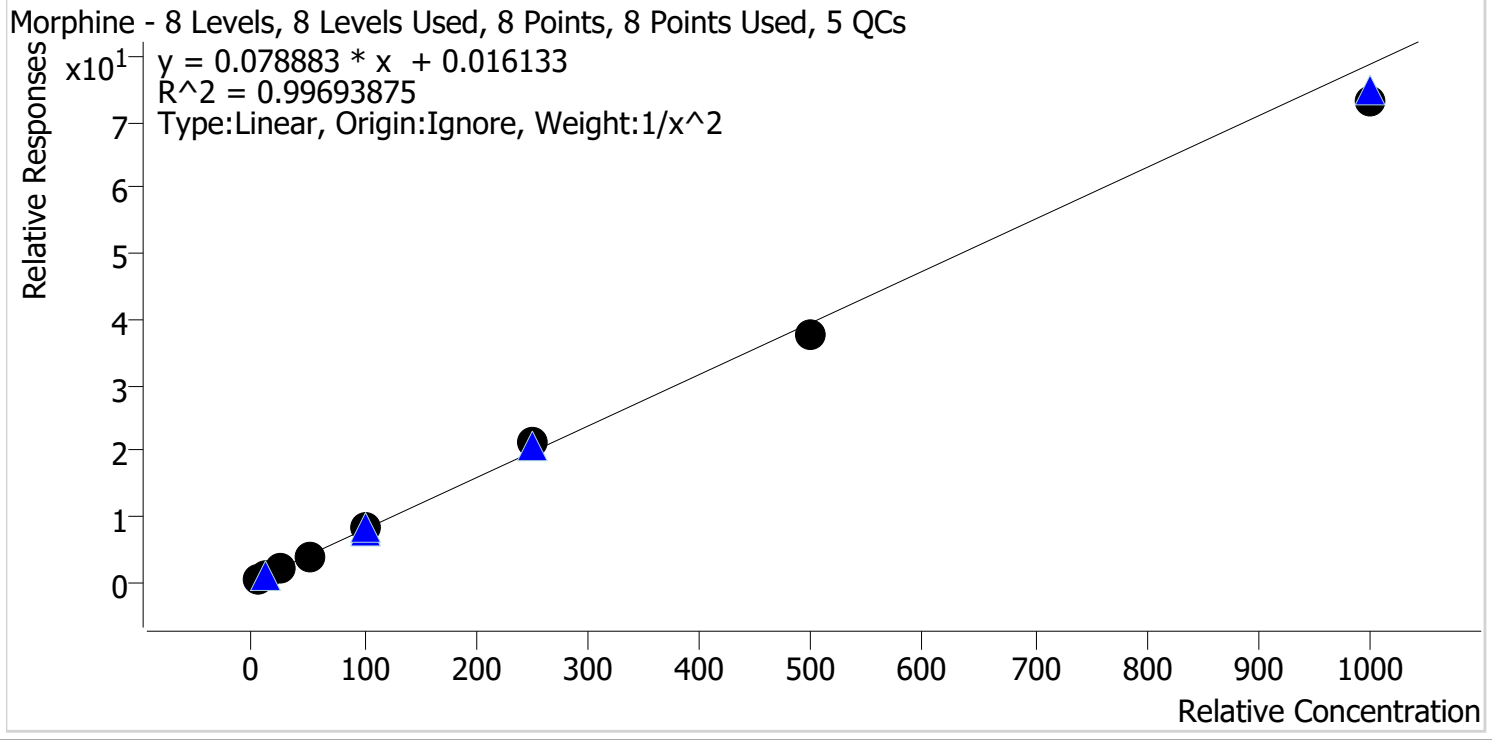
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	486.9	97.4
p1 Cal 8-1000ng	8	✓	1000.0	1004.0	100.4

29



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	268.1	107.3
p1 Cal 7-500ng	7	✓	500.0	479.2	95.8
p1 Cal 8-1000ng	8	✓	1000.0	930.0	93.0

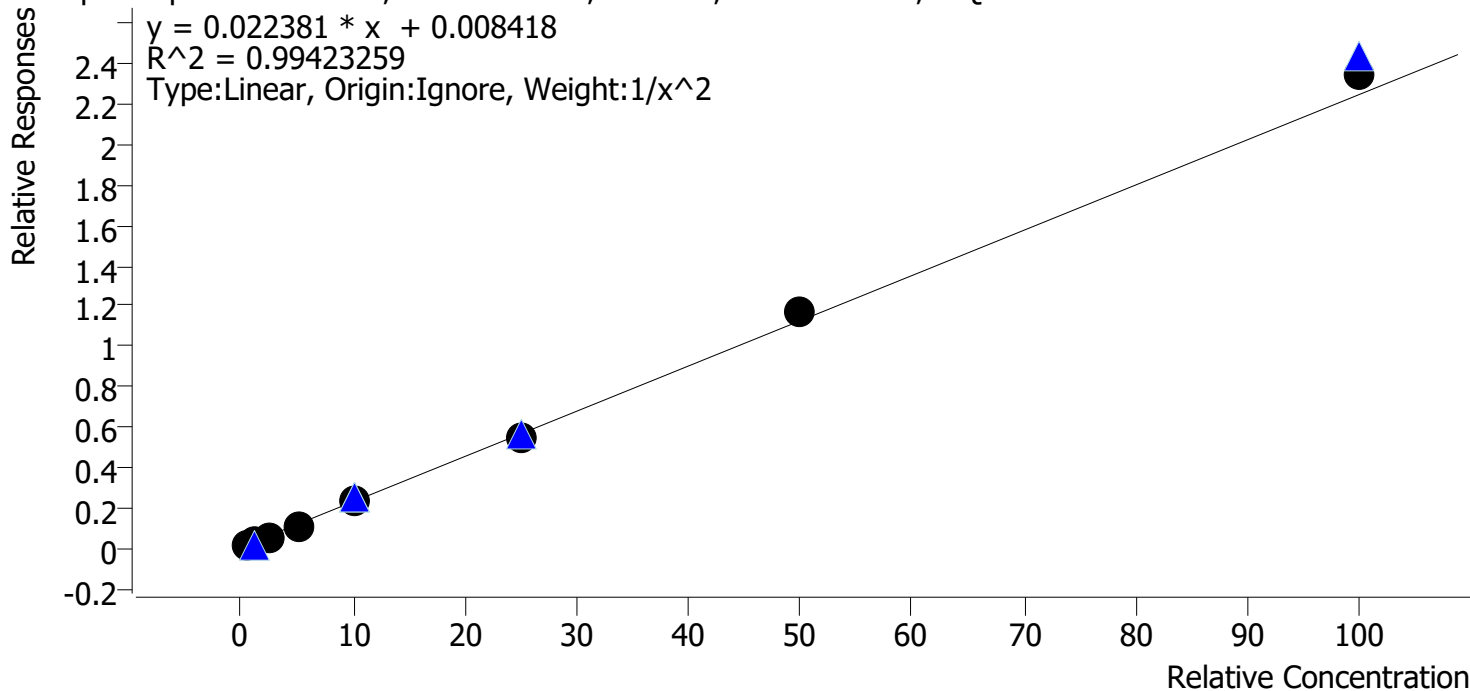
g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



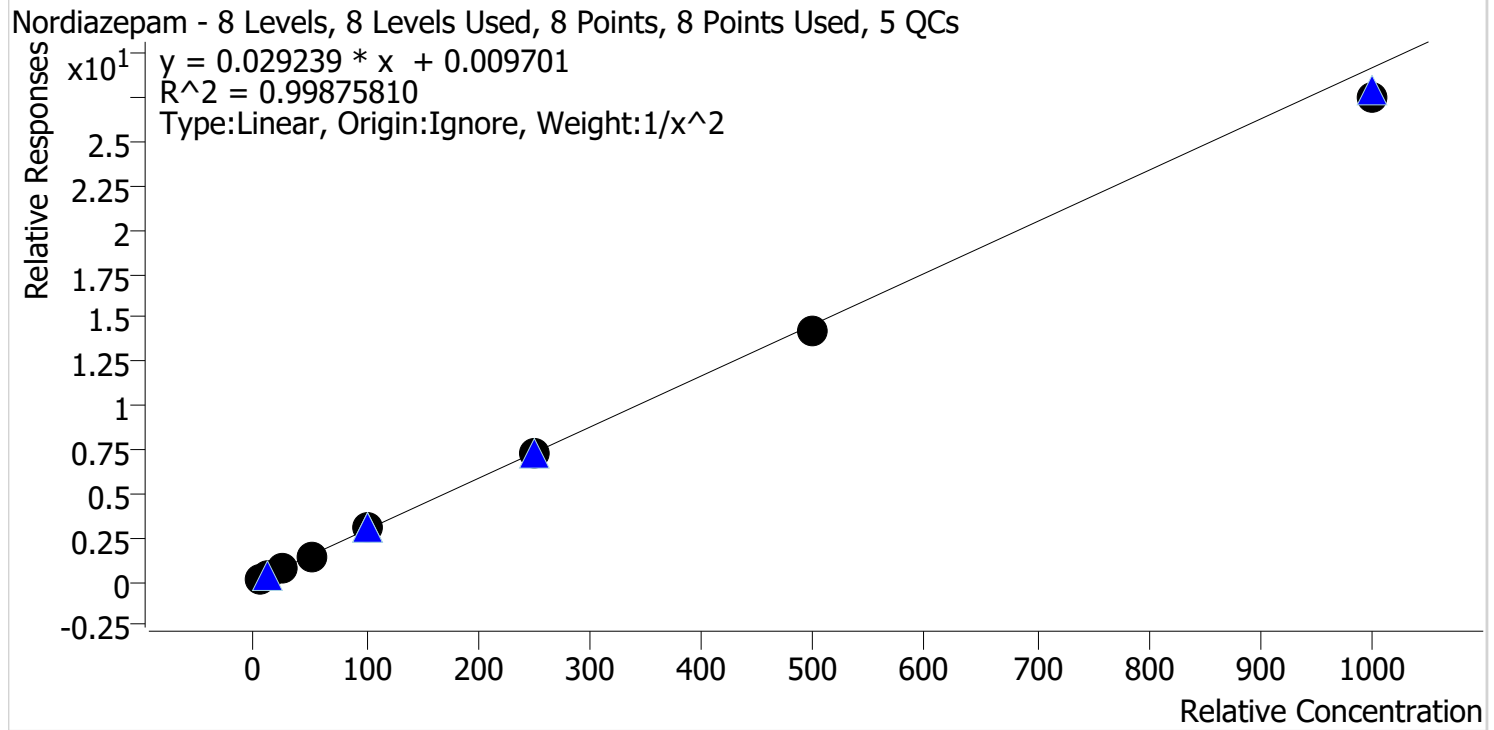
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.3
p1 Cal 2-10ng	2	✓	1.0	1.1	110.0
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.7
p1 Cal 4-50ng	4	✓	5.0	4.6	91.8
p1 Cal 5-100ng	5	✓	10.0	10.4	103.6
p1 Cal 6-250ng	6	✓	25.0	24.2	96.7
p1 Cal 7-500ng	7	✓	50.0	52.1	104.2
p1 Cal 8-1000ng	8	✓	100.0	104.5	104.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

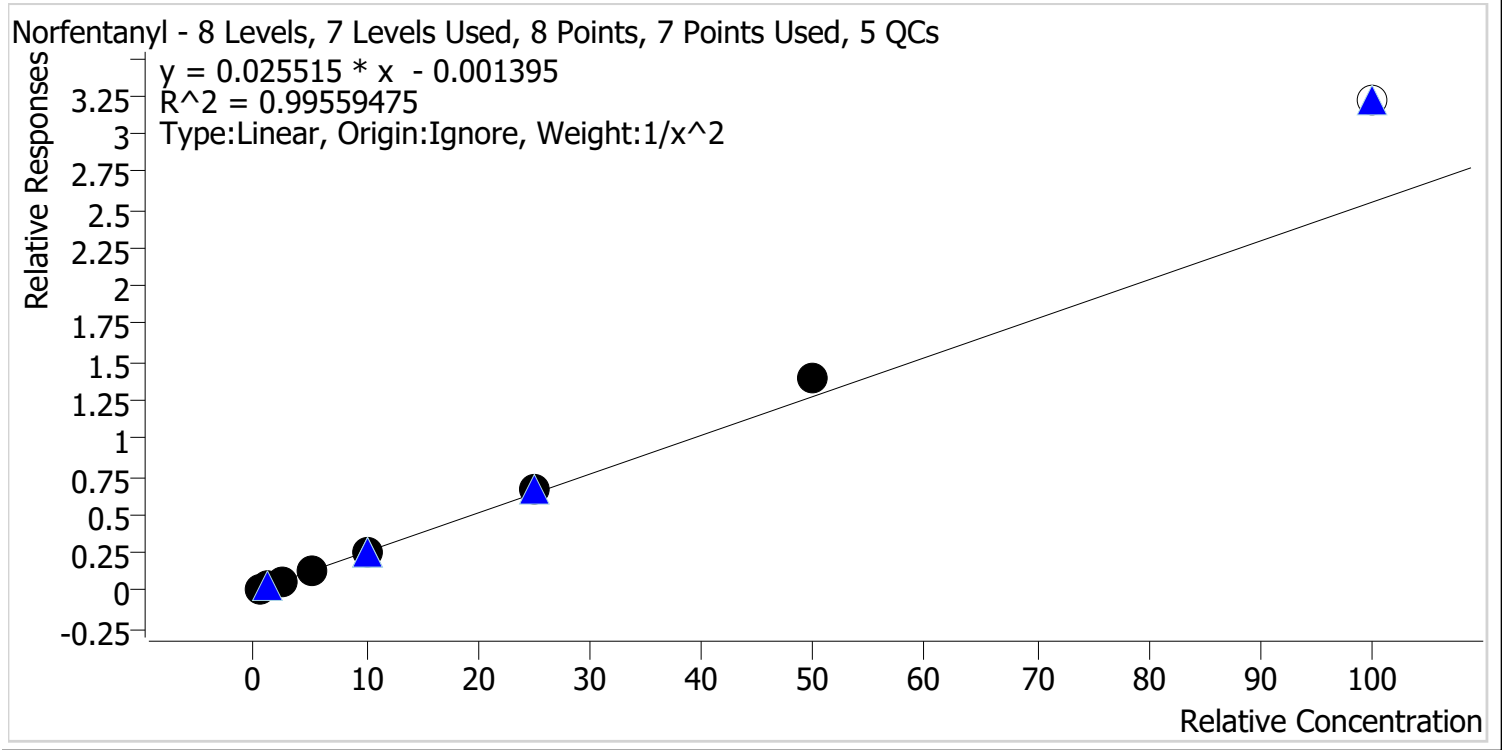


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	490.4	98.1
p1 Cal 8-1000ng	8	✓	1000.0	942.7	94.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5



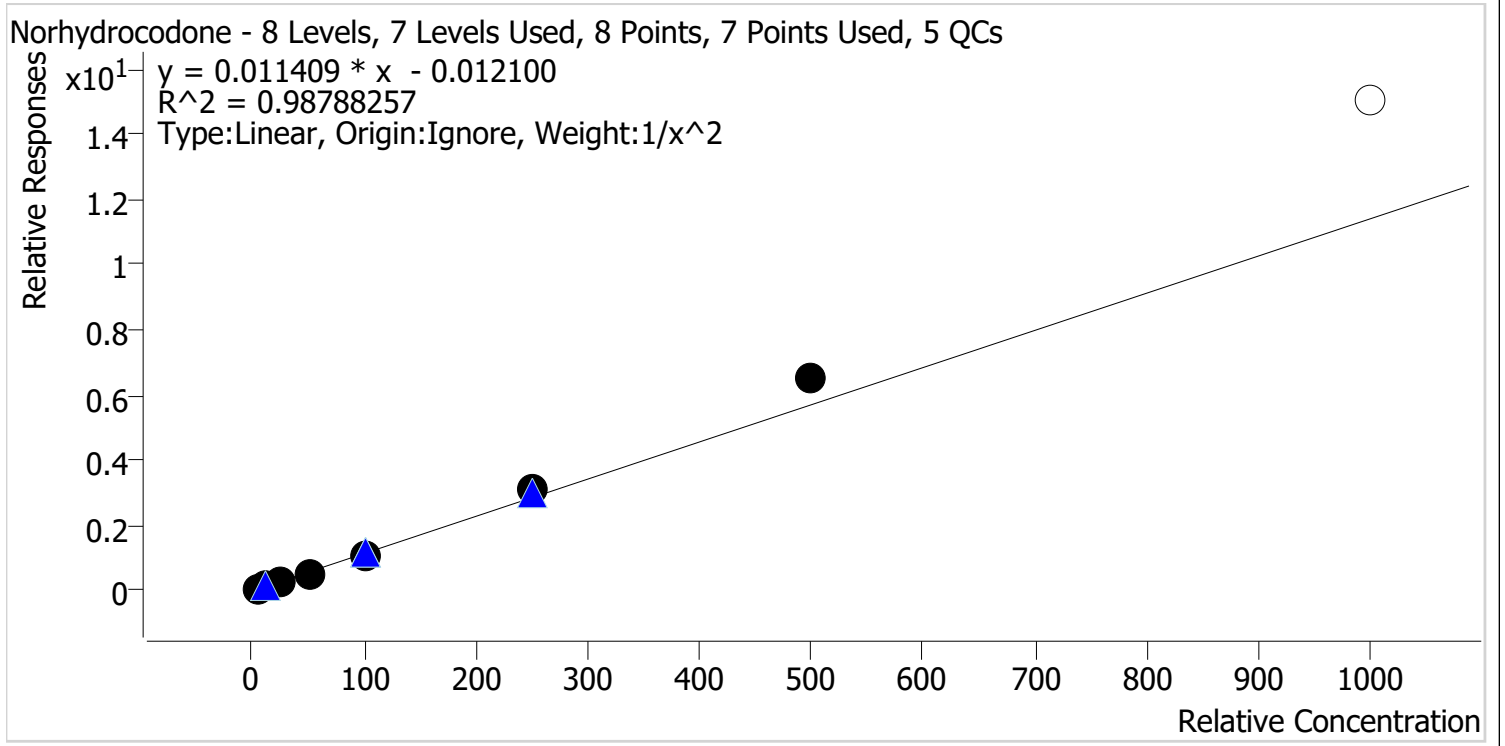
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.0
p1 Cal 4-50ng	4	✓	5.0	4.8	95.3
p1 Cal 5-100ng	5	✓	10.0	9.7	96.8
p1 Cal 6-250ng	6	✓	25.0	25.8	103.1
p1 Cal 7-500ng	7	✓	50.0	55.0	110.1
p1 Cal 8-1000ng	8	✗	100.0	126.1	126.1

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



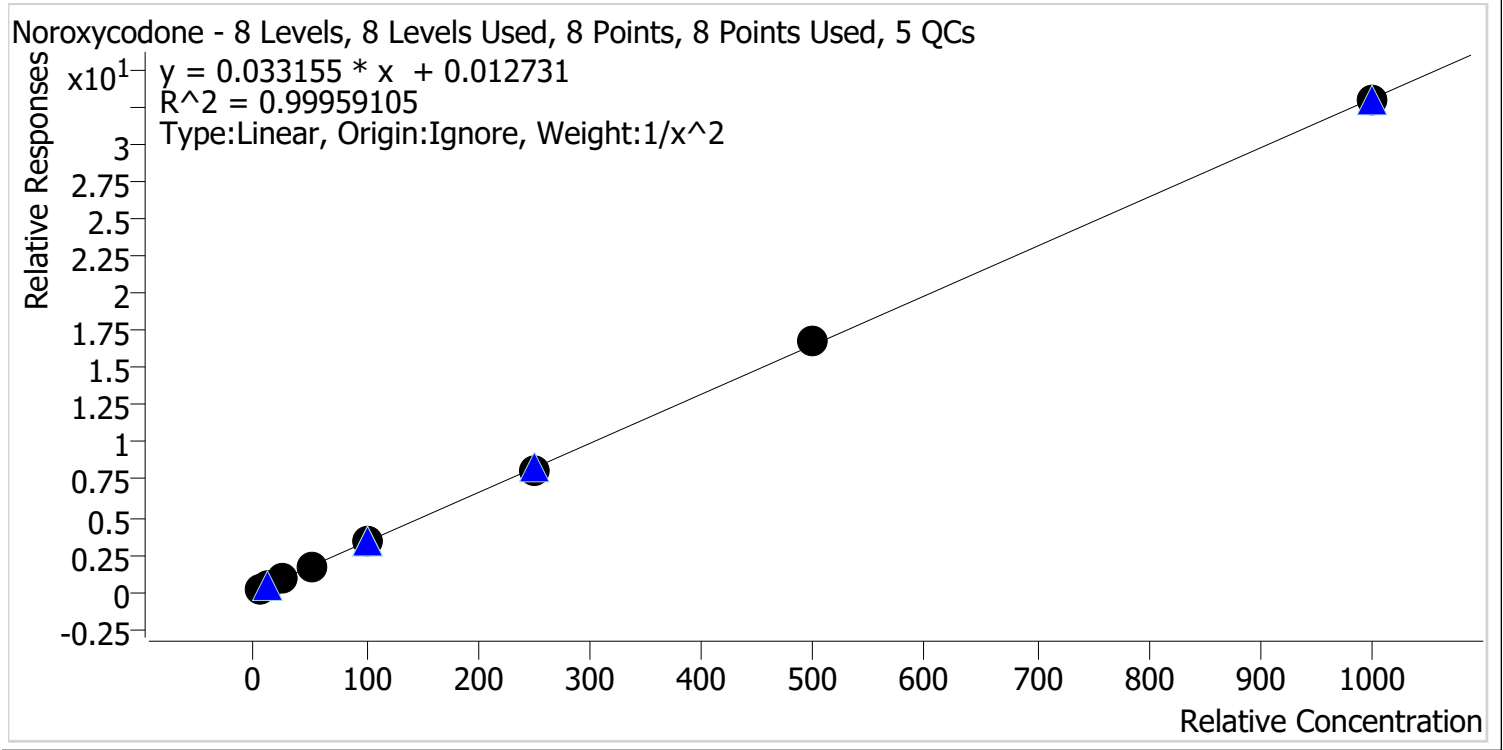
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.9
p1 Cal 2-10ng	2	✓	10.0	9.4	93.9
p1 Cal 3 -25ng	3	✓	25.0	22.2	88.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	268.3	107.3
p1 Cal 7-500ng	7	✓	500.0	573.2	114.6
p1 Cal 8-1000ng	8	✗	1000.0	1318.0	131.8

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



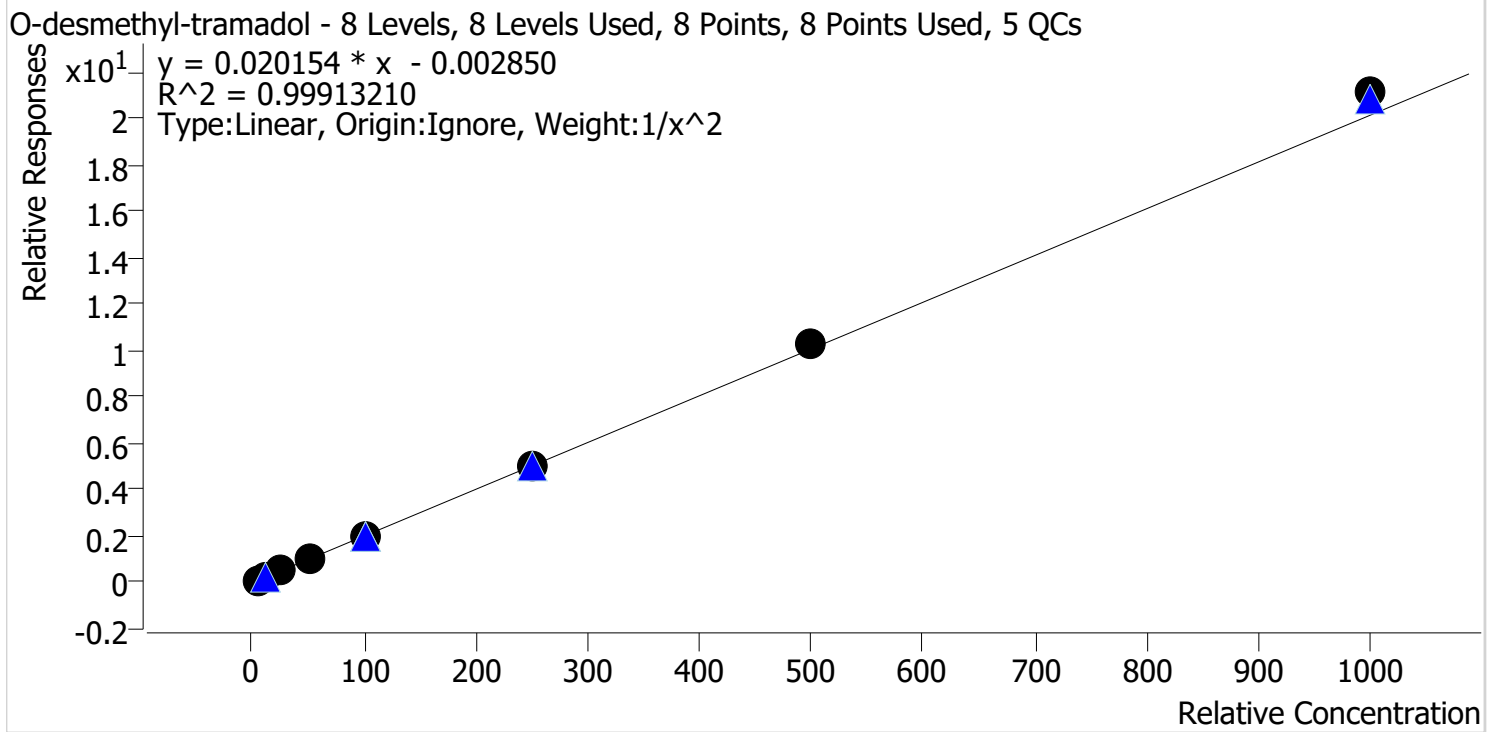
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	996.0	99.6

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	508.3	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1049.1	104.9

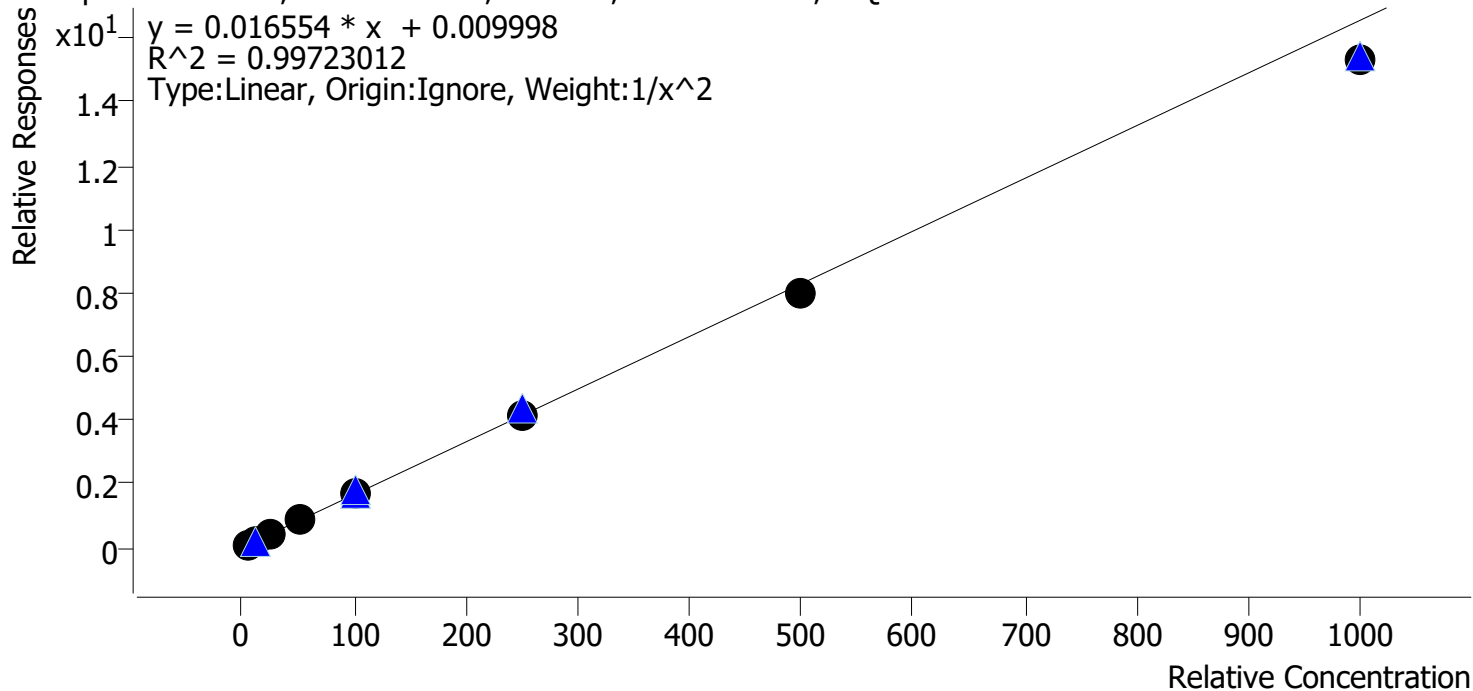
g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



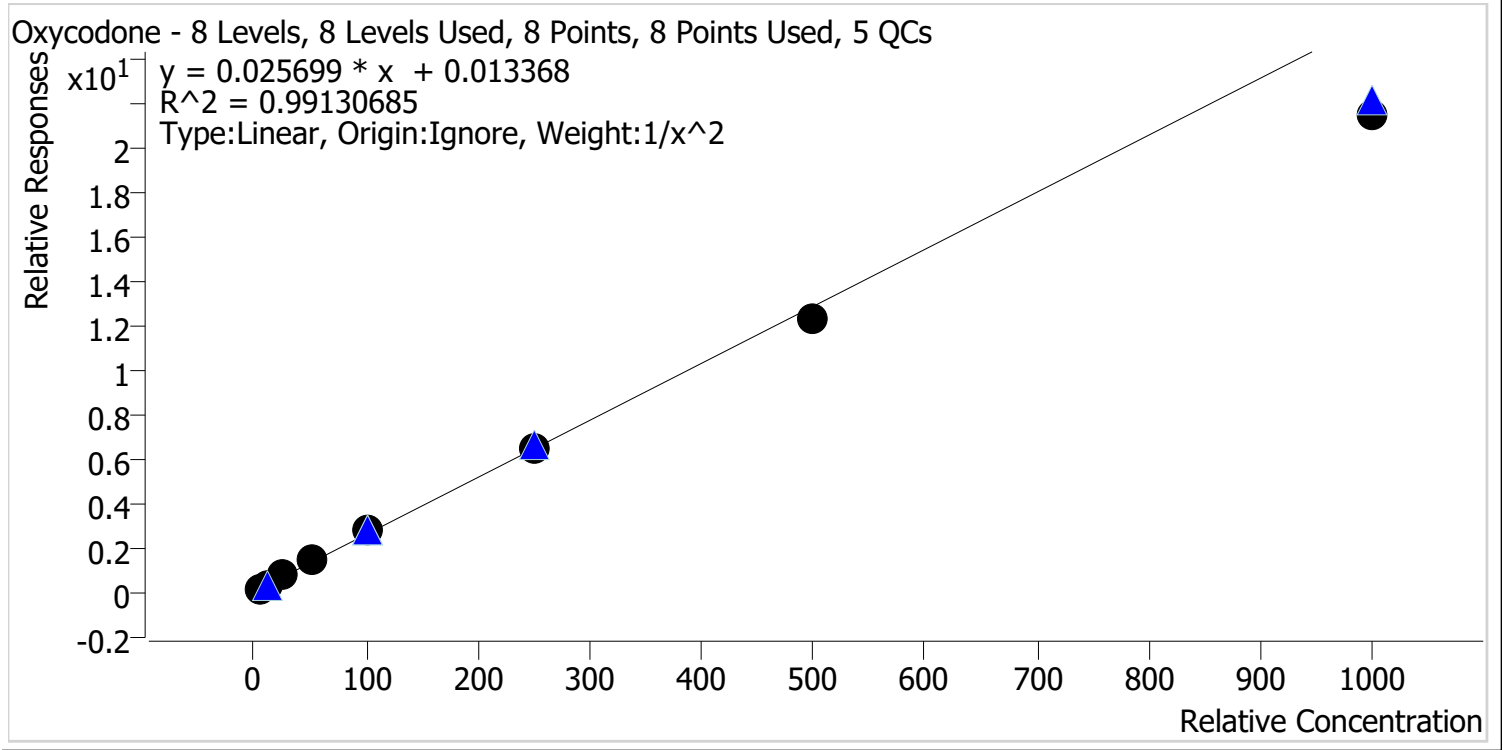
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	248.8	99.5
p1 Cal 7-500ng	7	✓	500.0	478.6	95.7
p1 Cal 8-1000ng	8	✓	1000.0	925.0	92.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



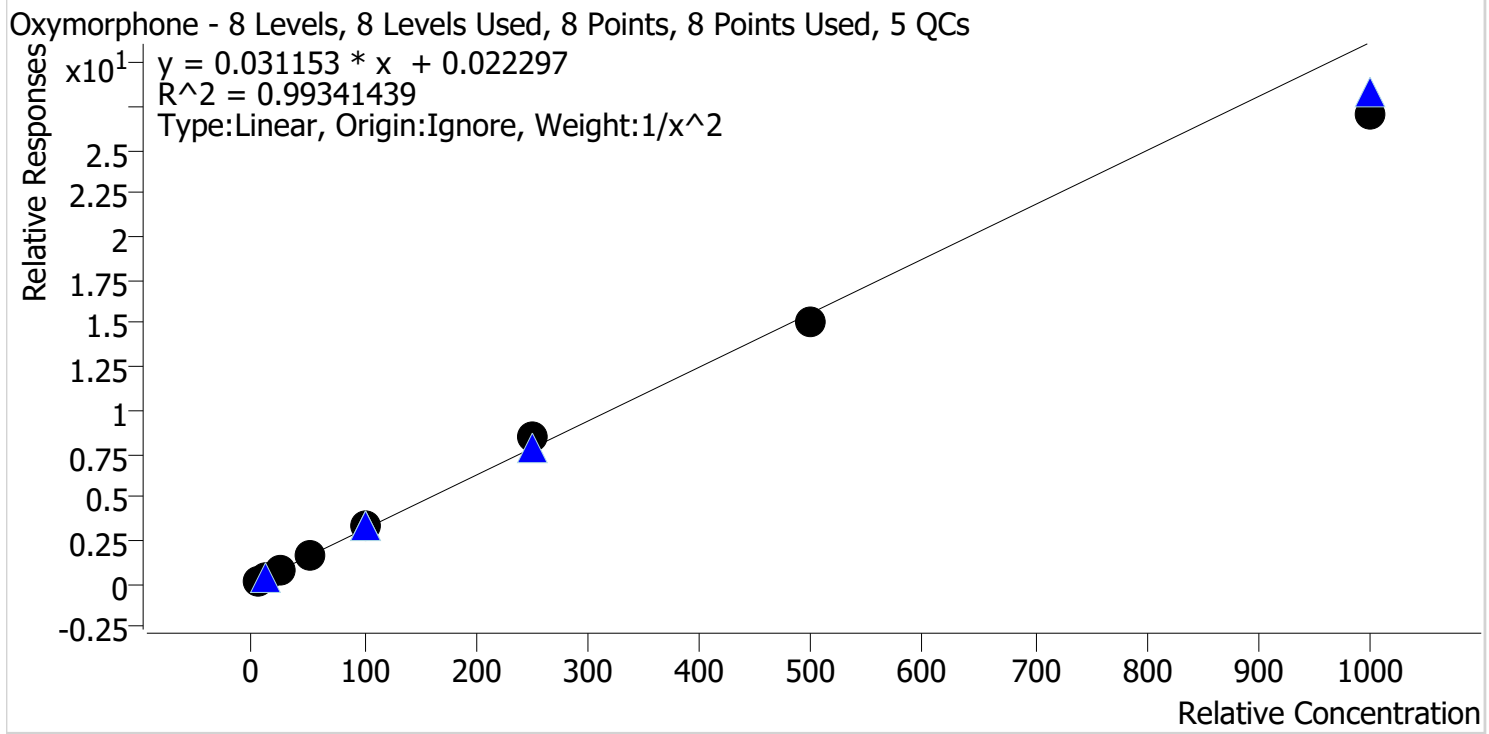
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	53.6	107.3
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	480.7	96.1
p1 Cal 8-1000ng	8	✓	1000.0	835.7	83.6

g



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

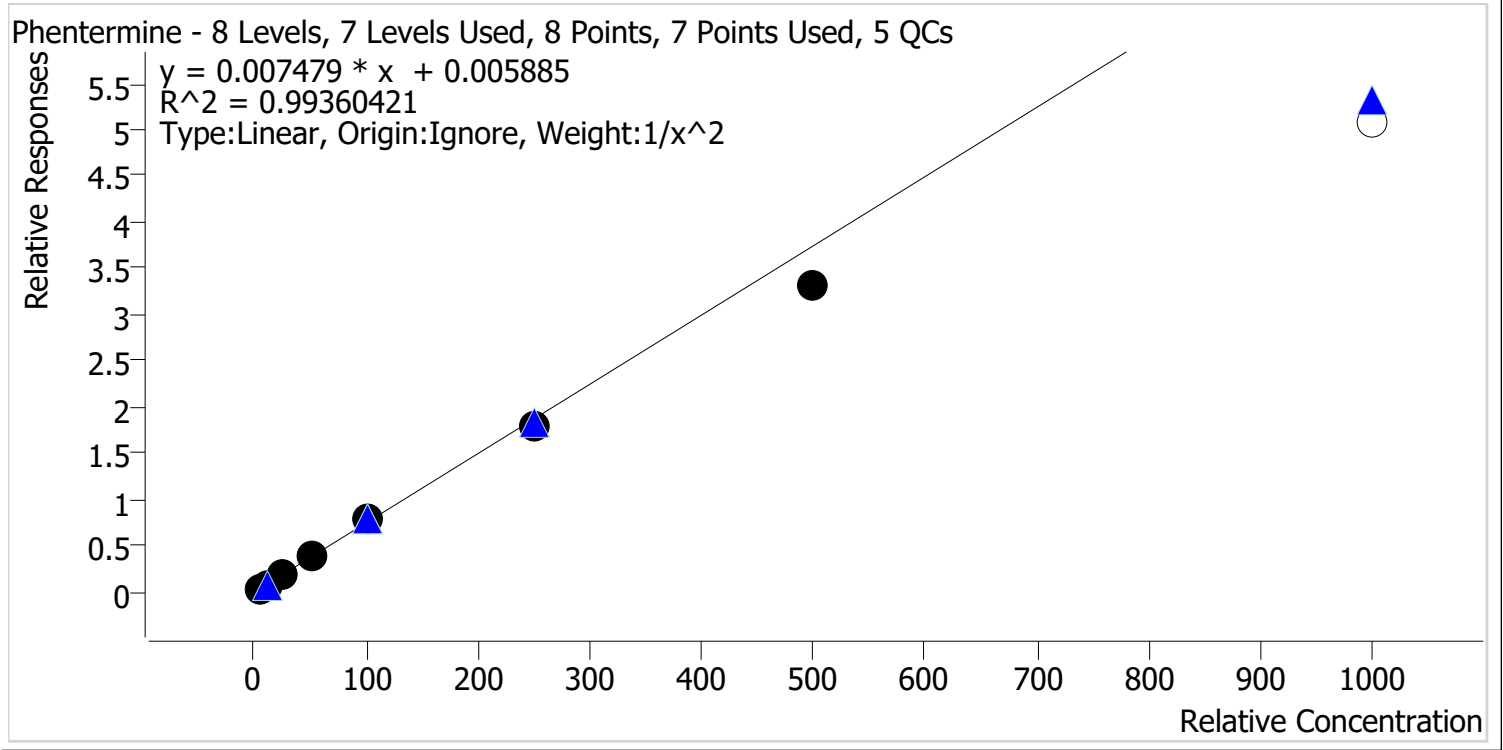


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.4	94.3
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.8
p1 Cal 4-50ng	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	268.4	107.4
p1 Cal 7-500ng	7	✓	500.0	482.1	96.4
p1 Cal 8-1000ng	8	✓	1000.0	865.5	86.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



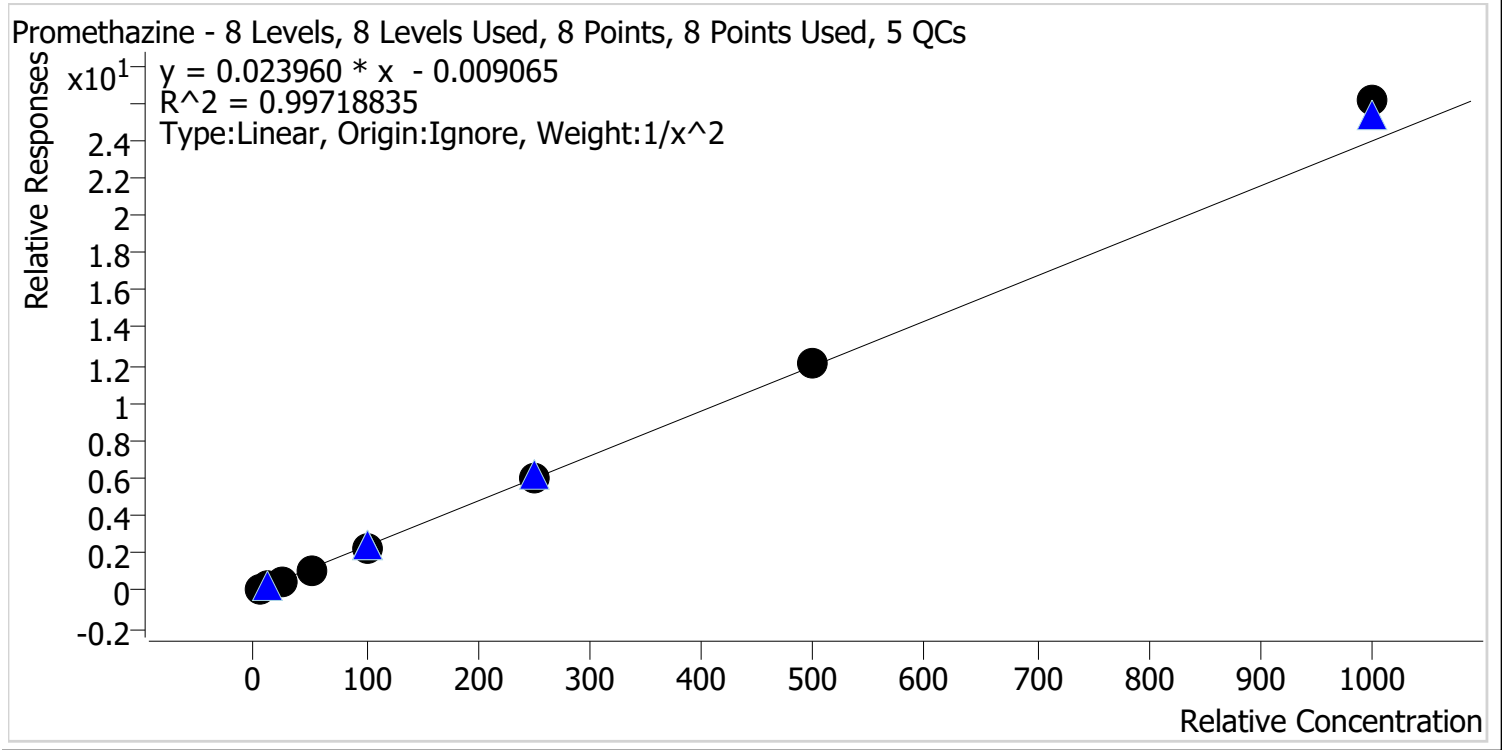
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	238.0	95.2
p1 Cal 7-500ng	7	✓	500.0	442.1	88.4
p1 Cal 8-1000ng	8	✗	1000.0	677.7	67.8

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

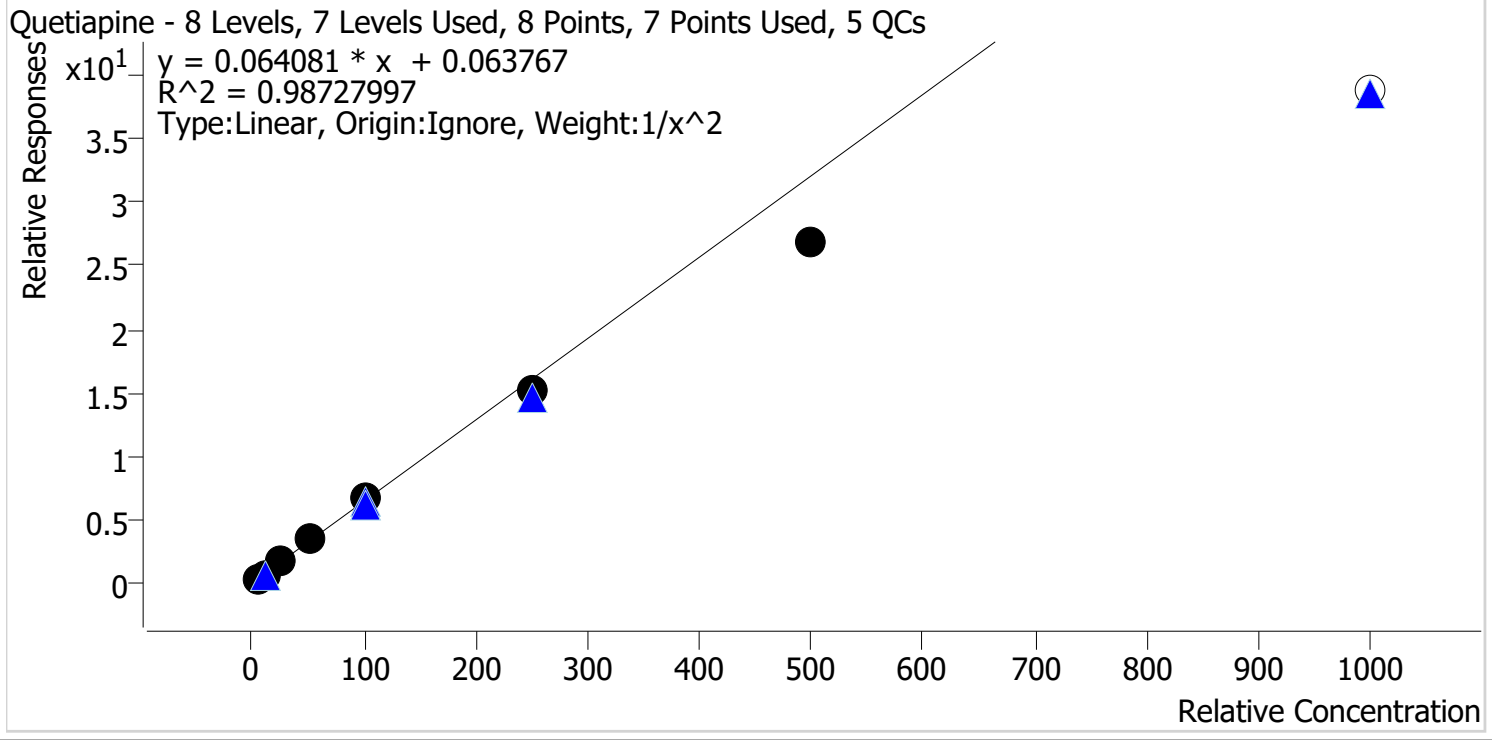


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	96.0	96.0
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1089.6	109.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



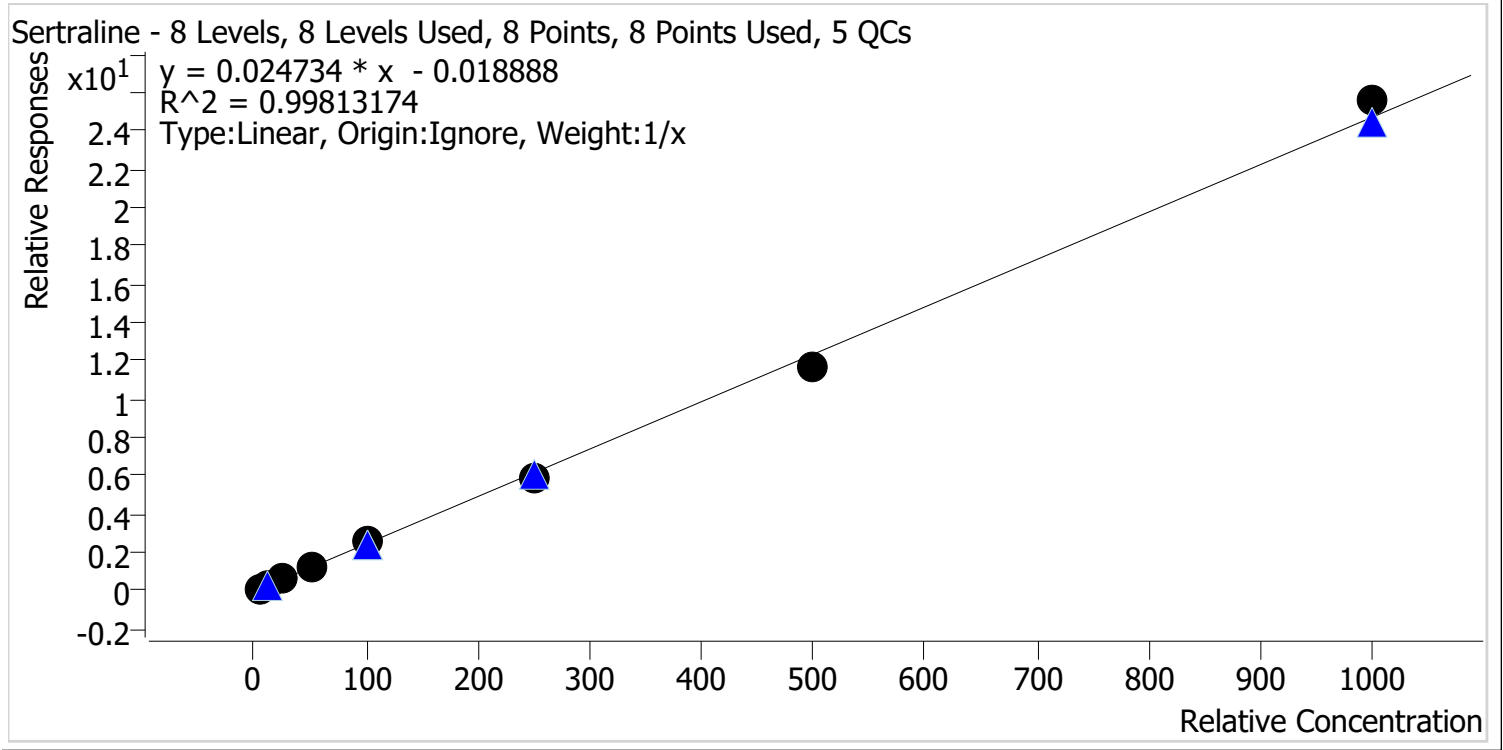
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.3
p1 Cal 4-50ng	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	234.1	93.7
p1 Cal 7-500ng	7	✓	500.0	419.0	83.8
p1 Cal 8-1000ng	8	x	1000.0	604.6	60.5

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\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

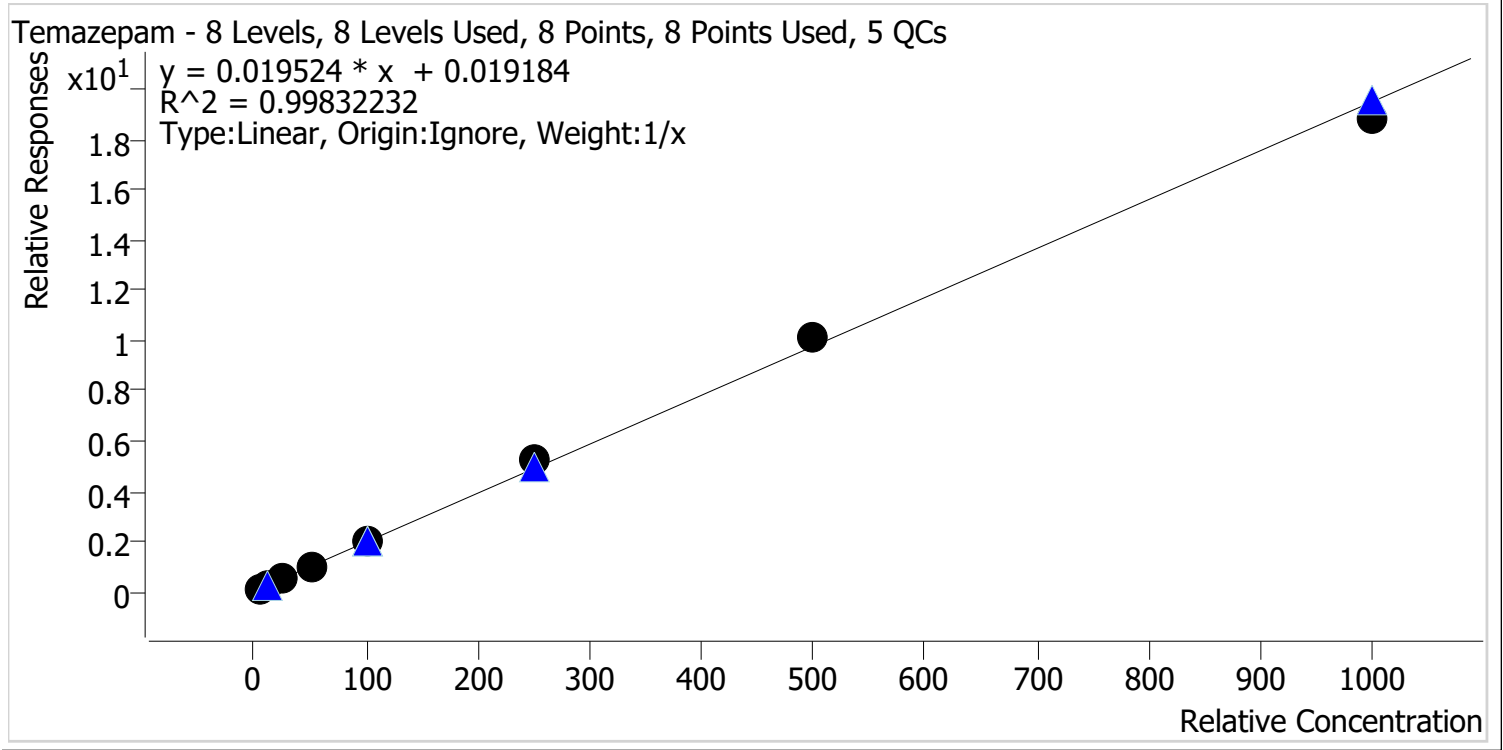


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.5	109.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	238.6	95.5
p1 Cal 7-500ng	7	✓	500.0	475.0	95.0
p1 Cal 8-1000ng	8	✓	1000.0	1035.1	103.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

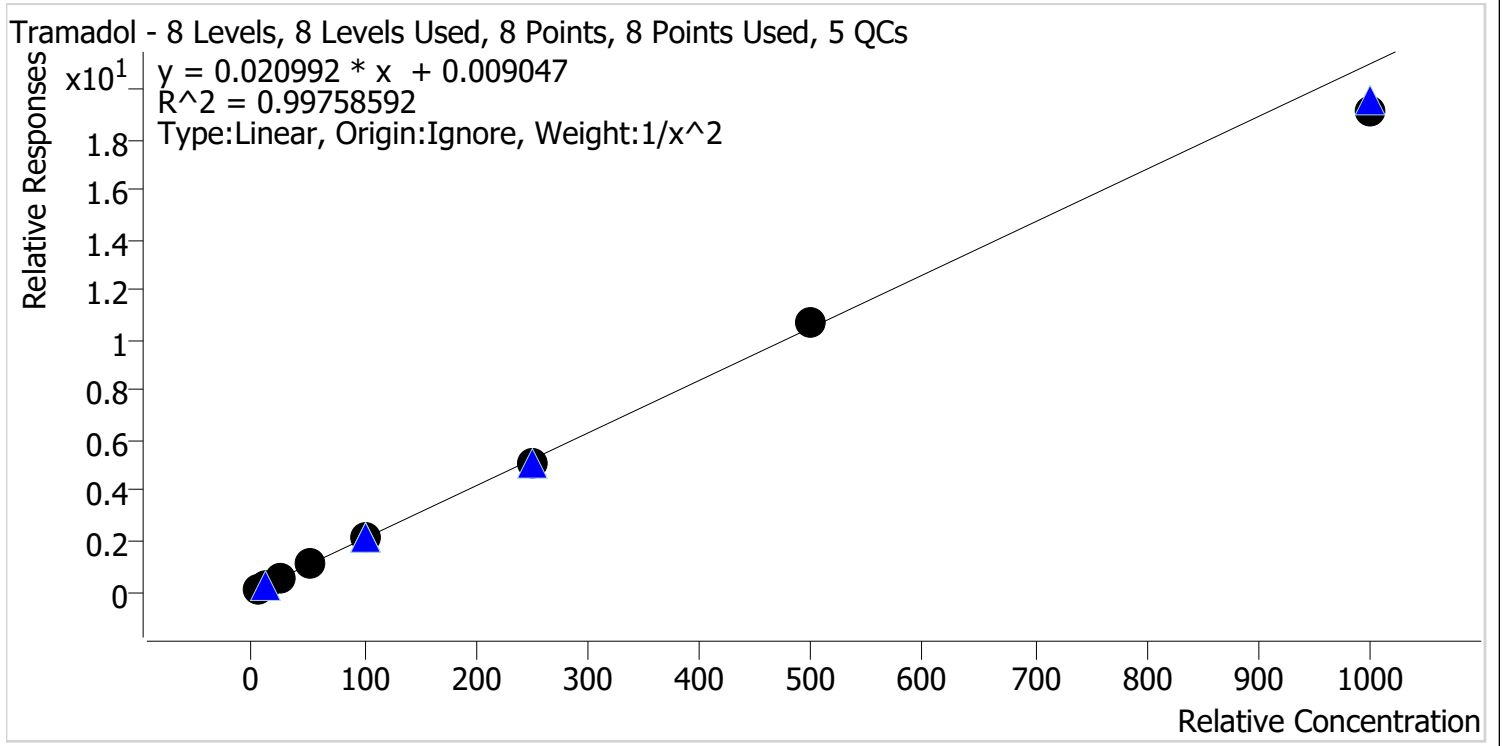


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	264.9	106.0
p1 Cal 7-500ng	7	✓	500.0	515.9	103.2
p1 Cal 8-1000ng	8	✓	1000.0	964.2	96.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

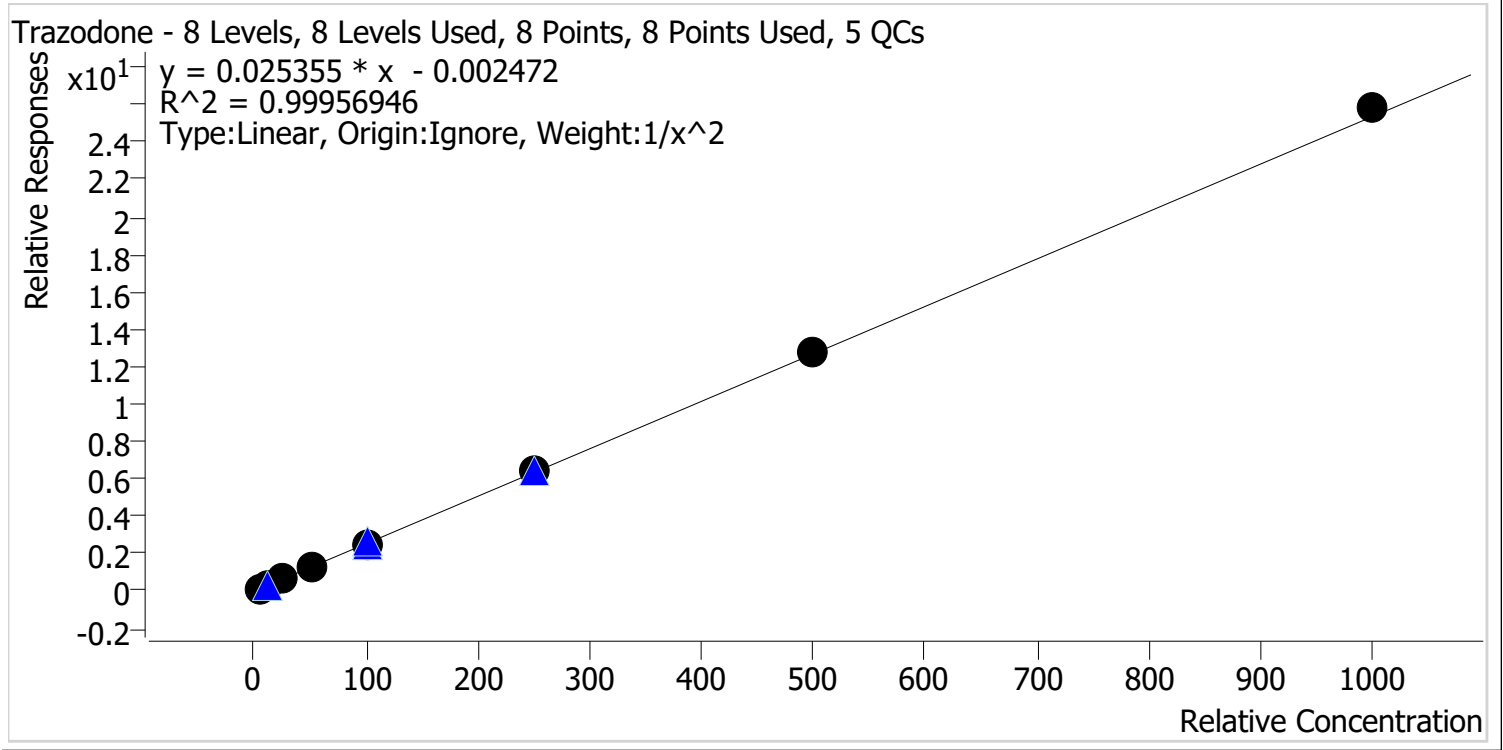


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	512.4	102.5
p1 Cal 8-1000ng	8	✓	1000.0	910.3	91.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



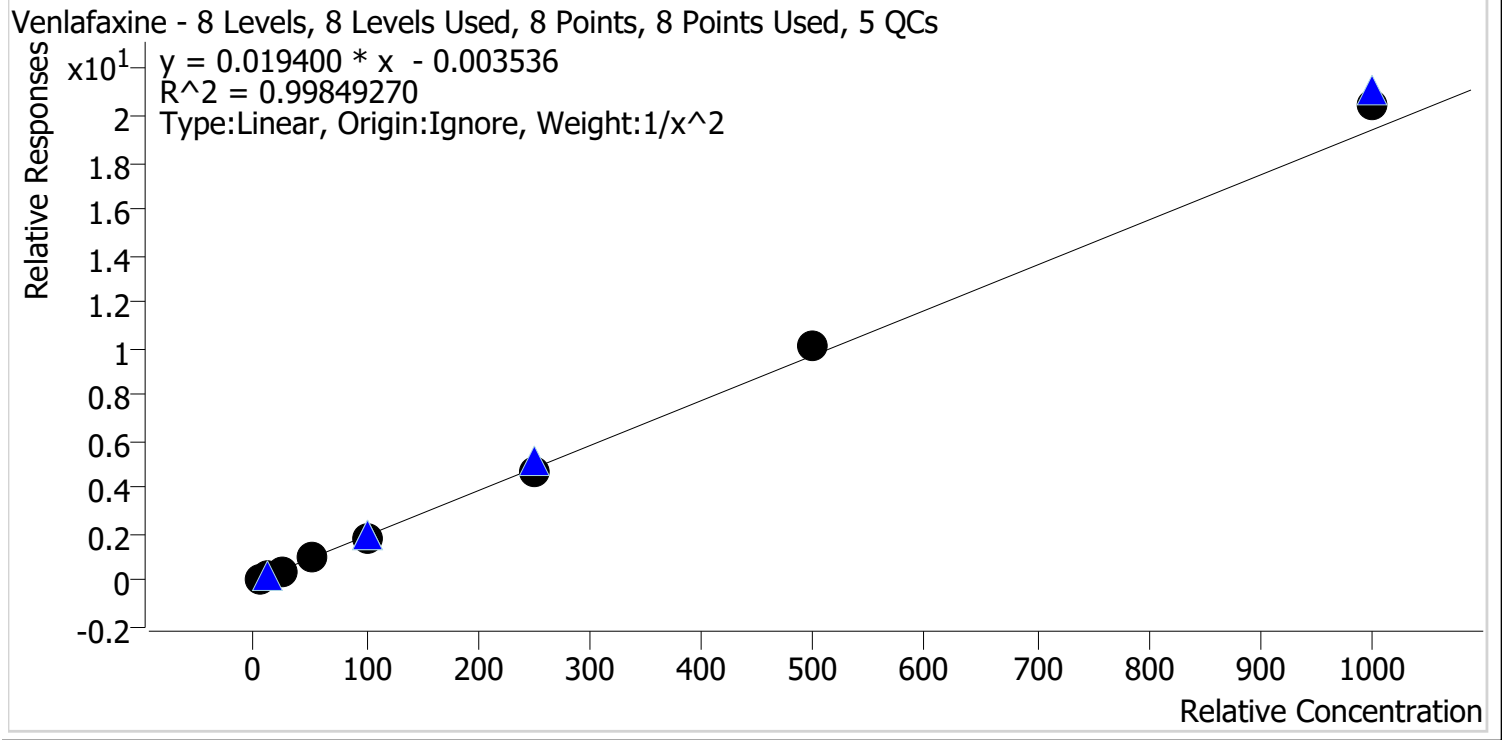
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	505.1	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1023.4	102.3

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

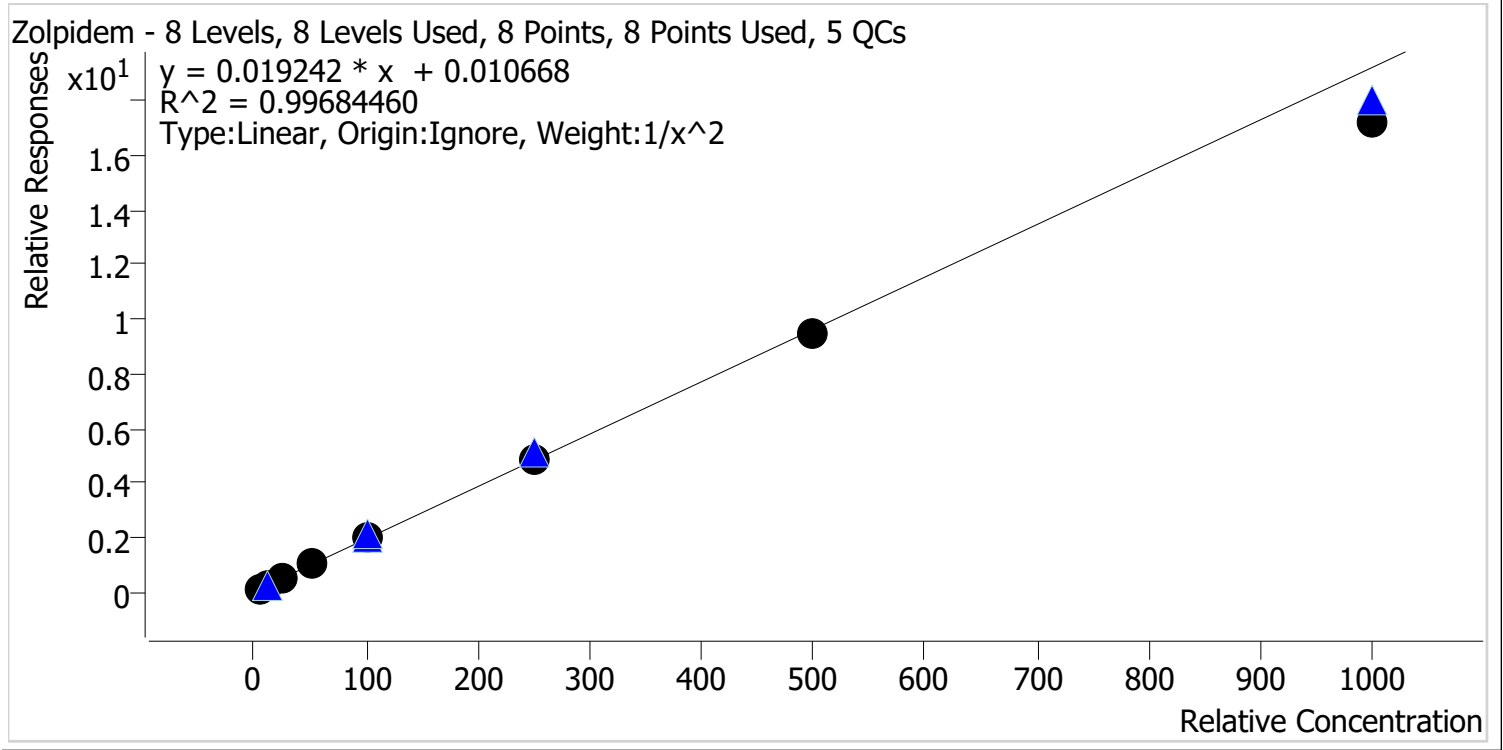


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	518.7	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1058.6	105.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 6/9/2022 9:18 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	52.0	104.1
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	893.2	89.3

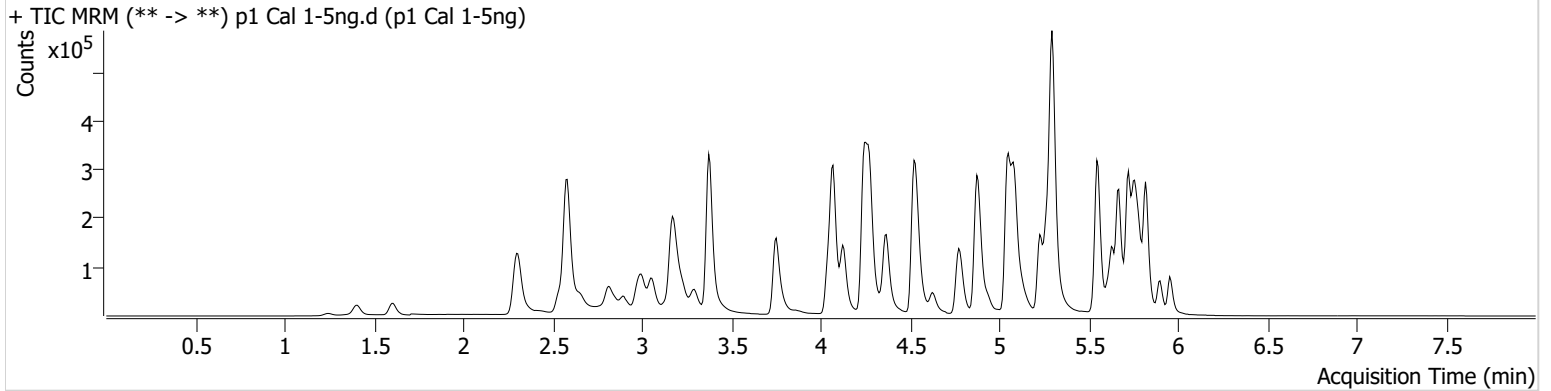
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 7:48:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	816	3286.37	62.9	610.78	33912	0.5095 ng/ml
7-aminoclonazepam	4.263	6437	29.63	69.2	49.95	47524	4.8321 ng/ml
a-hydroxyalprazolam	5.699	6918	526.89	69.0	222.03	153836	4.8718 ng/ml
alpha-PHP	4.936	13707	907.69	253.3	1305.96	352713	5.0131 ng/ml
alpha-PVP	4.375	46716	368.76	51.2	251.38	352713	4.9833 ng/ml
Alprazolam	5.782	23008	291.59	109.0	658.44	153836	5.0777 ng/ml
Amphetamine	3.058	91143	1509.97	47.5	136.32	169784	4.8008 ng/ml
Benzoylecgonine	3.890	1346	36.71	8.2	39.80	8596	5.0784 ng/ml
Buprenorphine	5.779	1062	203.41	14.0	211.40	77371	0.4906 ng/ml
Bupropion	4.787	47346	7393.74	71.4	674.30	324645	4.9810 ng/ml
Carisoprodol	5.731	25872	229.42	61.9	127.68	237297	5.1132 ng/ml
Citalopram	5.225	37496	606.61	32.7	307.77	335940	5.0536 ng/ml
Clonazepam	5.612	25432	292.84	34.2	24399.27	65039	4.9270 ng/ml
Clonazepam	5.556	17265	24007.89	34.2	596.66	65039	4.9061 ng/ml
Cocaine	4.269	33140	560.74	58.5	147.76	526316	5.0456 ng/ml
Codeine	2.587	3883	24.12	102.4	2976.02	33831	4.9490 ng/ml
Cyclobenzaprine	5.635	25385	53471.63	8.4	123.42	217194	5.2115 ng/ml
Dextromethorphan	5.275	19917	19080.08	84.8	107.55	159887	5.0027 ng/ml
Dextrophan	4.130	12558	515.78	198.6	415.81	260644	5.1206 ng/ml
Diazepam	5.960	13933	134.17	92.6	313.88	126608	4.9416 ng/ml
Dihydrocodeine	2.566	8682	274.04	72.7	355.92	105561	4.9309 ng/ml
Diphenhydramine	5.295	92288	10775.96	31.5	79.01	1198556	5.1177 ng/ml
Doxylamine	4.542	93193	4024.40	99.1	29161.79	805164	5.0575 ng/ml
EDDP	5.267	22669	685.39	40.8	12046.50	242514	5.0648 ng/ml
Etizolam	5.820	12253	16587.14	28.0	1193.02	65039	5.1899 ng/ml
Fentanyl	5.102	3333	109.46	60.7	3955.09	351790	0.5108 ng/ml
Flualprazolam	5.713	8848	1265.72	100.0	964.99	153836	5.1241 ng/ml
Fluoxetine	5.721	33755	40485.56	7.6	50.49	256963	5.0784 ng/ml
Hydrocodone	3.027	14420	77.35	38.1	30.89	161763	4.8990 ng/ml
Hydromorphone	1.615	11224	74.94	79.9	273.41	69274	5.0466 ng/ml
Ketamine	4.056	34311	698.05	33.2	192.19	277144	4.9162 ng/ml
Lamotrigine	4.285	2690	169.82	85.7	1054.60	277144	4.8273 ng/ml
Levetiracetam	2.658	16124	211.65	161.8	210.27	791631	5.0043 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	22639	309.11	56.1	75.52	65039	4.3038 ng/ml
MDA	3.199	51862	633.79	27.4	11.43	214911	4.7840 ng/ml
MDMA	3.299	32782	51360.14	85.4	439.30	61594	5.0751 ng/ml
Meprobamate	4.903	13423	50987.20	29.5	569.02	135168	4.8410 ng/ml
Methadone	5.666	52425	343.47	63.9	413.53	428010	5.7562 ng/ml
Methamphetamine	3.227	58257	281.95	36.9	129.79	443957	4.9544 ng/ml
Metoprolol	4.338	9805	3043.58	99.0	281.84	761468	4.9026 ng/ml
Mirtazapine	4.623	59615	1068.39	56.7	1973.92	352713	5.0841 ng/ml
Mitragynine	5.229	11088	24434.69	34.6	3662.83	428010	4.8961 ng/ml
Morphine	1.253	1505	1097.79	29.5	346.92	3664	5.0032 ng/ml
Norbuprenorphine	4.998	198	94.75	92.2	244.84	10271	0.4863 ng/ml
Nordiazepam	5.900	16209	576.96	52.4	201.81	105592	4.9182 ng/ml
Norfentanyl	4.090	7744	314.52	36.2	33.41	662544	0.5128 ng/ml
Norhydrocodone	3.075	1986	47.13	36.8	18.02	41122	5.2930 ng/ml
Noroxycodone	2.918	15113	544.14	51.5	257.05	83907	5.0483 ng/ml
O-desmethyl-tramadol	3.379	79779	9869.62	5.6	422.13	801815	5.0782 ng/ml
Oxazepam	5.756	28449	1182.66	73.3	351.53	313199	4.8831 ng/ml
Oxycodone	2.843	25346	190.63	29.4	265.51	185919	4.7848 ng/ml
Oxymorphone	1.405	10872	1112.98	49.3	30.08	60367	5.0653 ng/ml
Phentermine	3.787	19394	76.86	4.9	27.65	458742	4.8658 ng/ml
Promethazine	5.552	60385	7268.47	30.2	433.00	528755	5.1447 ng/ml
Pseudoephedrine	2.590	78550	460.15	16.6	5880.68	791631	5.1130 ng/ml
Quetiapine	5.548	42422	327.68	54.3	49746.50	115974	4.7131 ng/ml
Sertraline	5.790	9191	148.88	93.6	193.95	78768	5.4810 ng/ml
Temazepam	5.824	47570	406.67	26.8	205.99	443754	4.5082 ng/ml
Tramadol	4.257	86217	356.07	3.2	28.04	761468	4.9627 ng/ml
Trazodone	5.121	43201	39009.49	81.5	79398.58	345488	5.0292 ng/ml
Venlafaxine	5.050	68201	683.79	31.4	68.45	716786	5.0868 ng/ml
Zolpidem	4.893	62572	130862.74	30.4	363.97	594520	4.9154 ng/ml

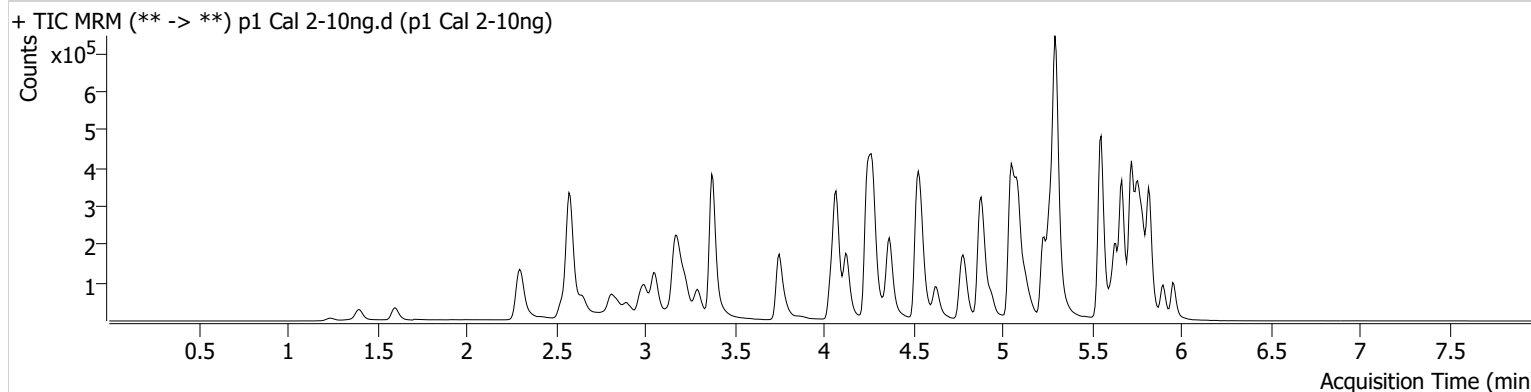
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 7:59:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	1567	5229.26	68.1	754.06	36761	0.9515 ng/ml
7-aminoclonazepam	4.270	16988	1012.03	67.7	186.59	62602	10.3208 ng/ml
a-hydroxyalprazolam	5.699	15002	347.53	69.0	147.15	168137	10.2293 ng/ml
alpha-PHP	4.936	29293	936.92	263.6	1669.20	389977	9.9103 ng/ml
alpha-PVP	4.375	106810	317.23	49.0	225.04	389977	10.2028 ng/ml
Alprazolam	5.782	49549	1500.66	107.3	654.60	168137	9.7688 ng/ml
Amphetamine	3.058	186668	684.39	47.9	192.78	183339	10.1251 ng/ml
Benzoylecgonine	3.890	3001	205.13	6.4	906.48	8920	11.1927 ng/ml
Buprenorphine	5.779	2632	186.26	15.1	789.72	97879	1.0075 ng/ml
Bupropion	4.794	104434	4624.96	69.6	1735.50	362192	9.9783 ng/ml
Carisoprodol	5.731	53051	21146.98	63.0	109.55	248030	9.8665 ng/ml
Citalopram	5.232	87360	309.06	31.8	20452.06	390918	9.9767 ng/ml
Clonazepam	5.612	53086	17013.68	35.2	680.93	72072	9.9799 ng/ml
Clonazepam	5.556	35651	56049.16	34.3	14299.47	72072	10.0759 ng/ml
Cocaine	4.276	69652	3888.10	58.1	252.72	572759	9.8043 ng/ml
Codeine	2.587	7973	∞	105.6	16161.58	38122	9.9020 ng/ml
Cyclobenzaprine	5.635	64736	291.05	8.4	6494.00	278285	9.7159 ng/ml
Dextromethorphan	5.275	46255	3058.50	82.1	30454.86	191001	9.9631 ng/ml
Dextrophan	4.130	27735	33241.63	196.1	1415.39	294962	9.7442 ng/ml
Diazepam	5.960	30600	468.52	89.9	1060.35	138808	10.0453 ng/ml
Dihydrocodeine	2.566	18295	228.12	68.4	4151.82	112205	10.0291 ng/ml
Diphenhydramine	5.302	206014	13013.93	31.4	5339.08	1376114	9.6813 ng/ml
Doxylamine	4.542	199202	16318.20	100.8	2416.69	898669	9.7574 ng/ml
EDDP	5.267	64911	275.61	42.6	287.64	351647	9.8300 ng/ml
Etizolam	5.820	25652	4554.49	28.5	31877.16	72072	9.4877 ng/ml
Fentanyl	5.102	7519	331.42	62.8	18769.81	423006	0.9682 ng/ml
Flualprazolam	5.713	17440	3782.17	103.7	219.48	168137	9.4201 ng/ml
Fluoxetine	5.721	97404	6314.50	7.0	908.48	366848	9.9135 ng/ml
Hydrocodone	3.027	30122	553.34	37.8	33.81	176281	10.0051 ng/ml
Hydromorphone	1.608	24009	64754.02	79.7	42613.27	75822	9.7744 ng/ml
Ketamine	4.056	71505	1679.86	33.0	1349.44	296924	10.1158 ng/ml
Lamotrigine	4.285	5271	304.04	91.2	5607.38	296924	10.0138 ng/ml
Levetiracetam	2.651	32720	553.87	161.7	385.56	839109	9.8867 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	50418	772.49	53.2	325.10	72072	10.5210 ng/ml
MDA	3.199	108455	807.21	26.4	56.04	233587	10.1988 ng/ml
MDMA	3.299	68930	870.51	87.3	1107.97	67320	9.8179 ng/ml
Meprobamate	4.910	27040	295.78	29.7	233.99	141034	10.2433 ng/ml
Methadone	5.666	122597	898.57	64.4	6619.81	518953	10.1917 ng/ml
Methamphetamine	3.227	115489	499.81	39.4	293.44	473821	9.9755 ng/ml
Metoprolol	4.338	20435	1316.43	91.9	889.11	825509	10.0899 ng/ml
Mirtazapine	4.630	128773	2364.66	57.0	3390.69	389977	9.8332 ng/ml
Mitragynine	5.236	28453	722.85	36.8	498.91	518953	10.3507 ng/ml
Morphine	1.247	3121	51.79	32.8	111.68	3876	10.0038 ng/ml
Norbuprenorphine	5.005	367	917.96	78.2	118.76	11096	1.1005 ng/ml
Nordiazepam	5.900	35767	33466.16	53.0	827.74	116701	10.1503 ng/ml
Norfentanyl	4.090	16682	1563.53	37.2	81.05	704782	0.9824 ng/ml
Norhydrocodone	3.075	4075	34.33	39.4	181.43	42869	9.3936 ng/ml
Noroxycodone	2.918	30814	283.18	48.1	29857.97	91865	9.7328 ng/ml
O-desmethyl-tramadol	3.379	165944	477.12	5.8	990.69	851162	9.8149 ng/ml
Oxazepam	5.756	60575	96.75	72.8	117.97	337636	10.2338 ng/ml
Oxycodone	2.843	57306	498.22	30.3	431.35	204420	10.3884 ng/ml
Oxymorphone	1.405	22750	67.26	50.5	494.29	71966	9.4318 ng/ml
Phentermine	3.787	40796	292.04	4.6	29.58	499065	10.1431 ng/ml
Promethazine	5.552	158874	3534.10	30.4	285.03	712125	9.6896 ng/ml
Pseudoephedrine	2.590	162627	1753.23	17.7	1399.87	839109	9.6754 ng/ml
Quetiapine	5.548	94312	184896.21	56.0	209.45	126903	10.6024 ng/ml
Sertraline	5.790	29152	357.27	99.4	1667.43	126916	10.0504 ng/ml
Temazepam	5.824	102812	725.03	29.5	266.89	493609	9.6858 ng/ml
Tramadol	4.257	178915	393.55	3.1	222.09	825509	9.8936 ng/ml
Trazodone	5.128	101139	1582.44	79.6	460.54	401574	10.0307 ng/ml
Venlafaxine	5.050	148597	1030.92	31.4	4057.65	792191	9.8511 ng/ml
Zolpidem	4.893	131518	1174.78	31.3	91976.01	644382	10.0528 ng/ml

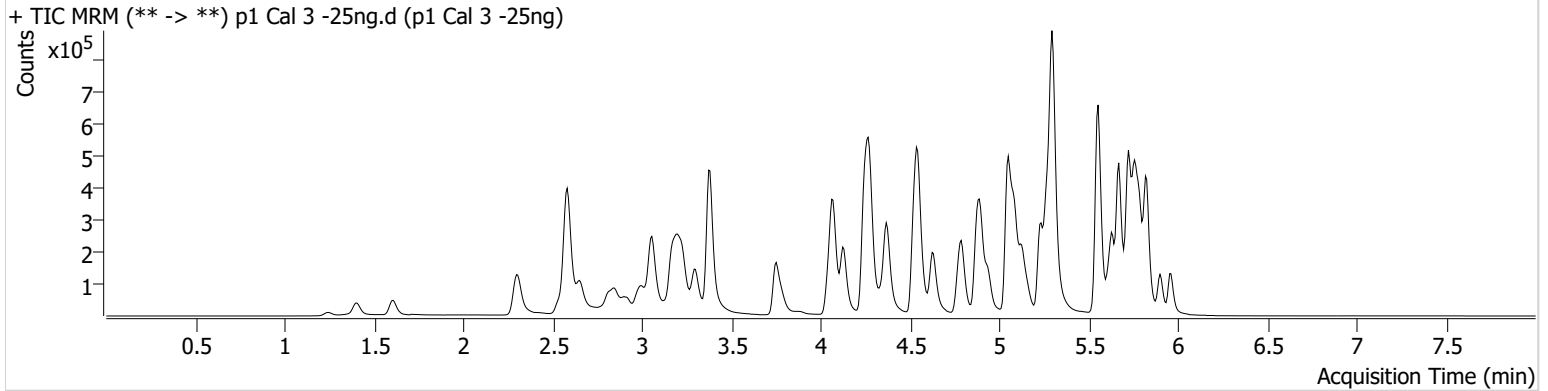
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 8:10:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	3909	39.09	68.0	7301.52	34743	2.6154 ng/ml
7-aminoclonazepam	4.263	35842	84.60	68.2	36.90	53444	26.4432 ng/ml
a-hydroxyalprazolam	5.699	34038	1304.34	71.1	584.86	155732	25.8885 ng/ml
alpha-PHP	4.936	69691	837.11	264.1	1005.96	372957	25.0055 ng/ml
alpha-PVP	4.375	245804	7259.28	50.2	309.32	372957	24.4169 ng/ml
Alprazolam	5.782	116814	798.59	108.8	882.90	155732	24.4886 ng/ml
Amphetamine	3.058	455575	550.70	46.0	181.08	174428	27.7534 ng/ml
Benzoylcegonine	3.890	6128	791.70	6.2	12.84	8651	23.8398 ng/ml
Buprenorphine	5.779	6203	5553.36	15.8	1824.02	91625	2.6097 ng/ml
Bupropion	4.794	238287	15974.96	69.2	5383.40	329040	25.2633 ng/ml
Carisoprodol	5.731	120703	424.39	65.0	542.29	231283	23.8274 ng/ml
Citalopram	5.232	199055	4492.06	32.7	62154.36	367647	23.9700 ng/ml
Clonazepam	5.612	122581	16850.71	34.6	644.89	66571	26.1351 ng/ml
Clonazepam	5.556	81399	129558.83	34.6	39572.39	66571	26.4986 ng/ml
Cocaine	4.269	164535	1141.15	58.6	4562.22	532496	25.0100 ng/ml
Codeine	2.587	18331	648.94	105.3	1372.64	35260	26.2078 ng/ml
Cyclobenzaprine	5.635	141759	3001835.79	8.4	95.15	251627	22.5867 ng/ml
Dextromethorphan	5.275	106413	405.81	85.8	41020.27	176828	25.1319 ng/ml
Dextrophan	4.130	65330	125104.22	196.2	1055.72	275691	24.1589 ng/ml
Diazepam	5.960	73760	6022.28	87.9	1003.04	130757	25.9316 ng/ml
Dihydrocodeine	2.566	43031	196.20	70.4	60.66	104530	25.7149 ng/ml
Diphenhydramine	5.295	492803	973.45	31.0	4028.28	1281538	24.4208 ng/ml
Doxylamine	4.542	472711	4584.07	99.5	8405.48	840142	24.8880 ng/ml
EDDP	5.267	153920	59773.58	42.6	466.93	329911	24.5754 ng/ml
Etizolam	5.820	61625	77065.56	26.6	1500.42	66571	24.1047 ng/ml
Fentanyl	5.102	17342	763.99	63.6	9408.53	395107	2.4076 ng/ml
Flualprazolam	5.713	42105	20728.06	98.6	1689.85	155732	24.9103 ng/ml
Fluoxetine	5.721	204503	10547.54	7.7	144.14	309967	24.1225 ng/ml
Hydrocodone	3.027	70714	187.07	36.9	91.19	162776	26.4689 ng/ml
Hydromorphone	1.608	54738	663.29	79.3	113591.01	66472	25.2708 ng/ml
Ketamine	4.056	166010	6062.86	32.9	232.10	279408	25.8155 ng/ml
Lamotrigine	4.285	12894	308.60	86.7	656.96	279408	28.3160 ng/ml
Levetiracetam	2.658	75360	1024.55	163.4	369.05	764441	25.5066 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	109674	2614.70	55.7	275.64	66571	27.2881 ng/ml
MDA	3.205	251670	3097.93	27.7	99.25	213013	27.6145 ng/ml
MDMA	3.299	160611	2964.06	86.7	1339.56	63489	24.3433 ng/ml
Meprobamate	4.910	61943	200.27	28.5	196.57	132671	26.3280 ng/ml
Methadone	5.666	284107	1084.02	64.0	647.60	485440	23.8004 ng/ml
Methamphetamine	3.227	272855	512.07	38.6	1795.00	457404	25.7186 ng/ml
Metoprolol	4.338	47333	62589.01	96.0	424.41	764295	26.3263 ng/ml
Mirtazapine	4.623	307508	1248.30	57.1	2213.96	372957	24.3969 ng/ml
Mitragynine	5.229	65217	107710.29	35.3	29878.46	485440	25.3470 ng/ml
Morphine	1.247	7564	1769.61	29.4	187.91	3891	24.4404 ng/ml
Norbuprenorphine	4.998	655	808.07	85.1	606.21	10972	2.2932 ng/ml
Nordiazepam	5.907	85031	1655.36	52.4	532.77	110901	25.8911 ng/ml
Norfentanyl	4.090	38972	79.54	36.5	319.75	665354	2.3503 ng/ml
Norhydrocodone	3.075	9470	64.97	36.8	27.39	39310	22.1758 ng/ml
Noroxycodone	2.918	70128	170.31	48.7	594.91	82155	25.3617 ng/ml
O-desmethyl-tramadol	3.379	394504	32006.74	5.8	168.99	801884	24.5517 ng/ml
Oxazepam	5.763	136020	708.53	75.8	2308.36	314468	25.5250 ng/ml
Oxycodone	2.843	131237	740.83	31.2	735.62	186886	26.8055 ng/ml
Oxymorphone	1.405	54172	∞	46.0	71.29	65231	25.9420 ng/ml
Phentermine	3.787	95979	196.10	4.6	89.11	469543	26.5450 ng/ml
Promethazine	5.552	355317	3650.67	30.8	1257.11	632495	23.8244 ng/ml
Pseudoephedrine	2.590	383210	283.26	16.8	8603.14	764441	24.5075 ng/ml
Quetiapine	5.548	218238	536.28	56.7	288.89	119219	27.5710 ng/ml
Sertraline	5.790	60826	∞	93.8	153080.98	105433	24.0883 ng/ml
Temazepam	5.824	234029	6851.49	29.4	90.14	464699	24.8125 ng/ml
Tramadol	4.257	425544	2280.50	3.3	58.43	764295	26.0925 ng/ml
Trazodone	5.121	226675	253563.03	81.7	888.72	370217	24.2456 ng/ml
Venlafaxine	5.050	347754	820.56	31.4	1028.99	748969	24.1155 ng/ml
Zolpidem	4.893	305662	1124.91	30.7	46139.49	595291	26.1309 ng/ml

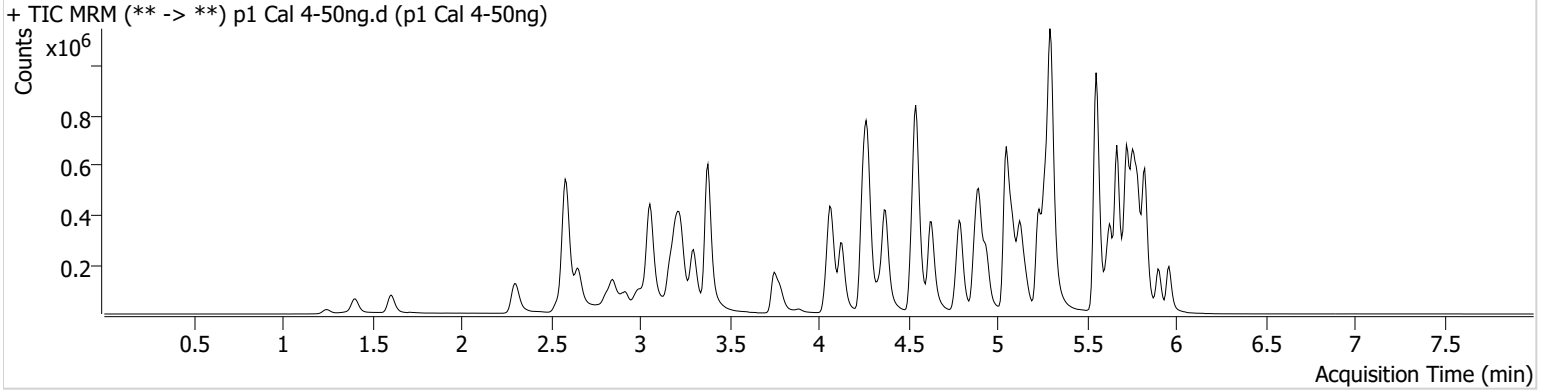
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 8:20:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	6944	173.10	73.0	12880.80	33560	4.8631 ng/ml
7-aminoclonazepam	4.270	66240	105.86	71.3	1986.71	50697	52.1218 ng/ml
a-hydroxyalprazolam	5.699	66099	1265.03	67.3	408.17	146147	54.1839 ng/ml
alpha-PHP	4.936	137729	576.56	262.3	46987.78	363886	50.8928 ng/ml
alpha-PVP	4.375	484007	438.75	50.7	8183.59	363886	49.1801 ng/ml
Alprazolam	5.782	224703	653.59	106.3	1117.61	146147	49.9402 ng/ml
Amphetamine	3.058	876930	540.43	45.5	7242.36	170341	55.8081 ng/ml
Benzoylcegonine	3.890	12227	28129.94	7.8	226.46	8126	50.9124 ng/ml
Buprenorphine	5.779	11935	67430.61	16.0	5210.25	87873	5.2847 ng/ml
Bupropion	4.794	475084	43882.87	69.1	4624.69	327060	50.8078 ng/ml
Carisoprodol	5.731	225803	11920.05	64.0	333.62	216135	47.5274 ng/ml
Citalopram	5.232	397296	12872.42	32.0	278.83	356319	49.2132 ng/ml
Clonazepam	5.619	235835	38693.11	34.2	138178.63	64639	52.5604 ng/ml
Clonazepam	5.556	151640	222426.86	35.5	70024.79	64639	51.8334 ng/ml
Cocaine	4.276	321677	45990.03	57.0	371.34	521351	50.0052 ng/ml
Codeine	2.587	34322	47.57	108.8	45138.40	33757	52.2830 ng/ml
Cyclobenzaprine	5.635	270495	375593.22	8.3	225.76	229713	46.4867 ng/ml
Dextromethorphan	5.275	204330	264.83	84.4	2342.51	171427	50.0246 ng/ml
Dextroprhan	4.130	127943	2621.05	197.2	1356.07	269566	48.1256 ng/ml
Diazepam	5.960	138733	8270.50	90.7	4841.76	126013	50.7492 ng/ml
Dihydrocodeine	2.566	87010	159.91	68.1	521.35	103949	52.5538 ng/ml
Diphenhydramine	5.302	947697	21118.77	31.3	3036.19	1236568	48.3882 ng/ml
Doxylamine	4.542	935598	40414.77	100.4	34850.25	824306	50.2848 ng/ml
EDDP	5.267	301573	4684.58	41.2	188.33	318123	49.7525 ng/ml
Etizolam	5.820	118414	75527.59	27.4	64239.64	64639	47.3527 ng/ml
Fentanyl	5.102	34996	2505.71	62.5	36286.12	380829	5.0531 ng/ml
Flualprazolam	5.713	81168	5700.00	99.2	16835.07	146147	51.4056 ng/ml
Fluoxetine	5.721	359987	74524.74	7.4	59200.78	265817	49.1535 ng/ml
Hydrocodone	3.027	138290	322.83	37.3	93.27	159162	53.6084 ng/ml
Hydromorphone	1.608	102560	981.82	82.6	2235.15	64593	48.6396 ng/ml
Ketamine	4.056	327095	8419.16	33.9	1728.35	278935	51.5205 ng/ml
Lamotrigine	4.285	23758	1715.30	90.1	17252.85	278935	53.4739 ng/ml
Levetiracetam	2.658	145769	3036.24	161.9	3958.28	755025	50.2740 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	195608	9971.15	55.8	649.33	64639	51.6749 ng/ml
MDA	3.205	487078	3356.89	28.1	288.76	209806	55.3000 ng/ml
MDMA	3.299	319967	92299.65	85.8	3327.32	61914	49.7914 ng/ml
Meprobamate	4.910	117727	21253.05	29.2	329.24	124636	54.2502 ng/ml
Methadone	5.666	549615	1035.43	64.1	2572.33	462504	47.3159 ng/ml
Methamphetamine	3.227	537221	13806.26	38.3	5716.03	452526	52.0752 ng/ml
Metoprolol	4.338	92843	184129.97	96.5	1334.70	760403	52.6041 ng/ml
Mirtazapine	4.630	600153	13167.92	56.7	4652.47	363886	48.6973 ng/ml
Mitragynine	5.236	124745	184458.28	35.9	746.63	462504	50.8769 ng/ml
Morphine	1.247	14710	356.67	30.4	1953.64	3719	49.9356 ng/ml
Norbuprenorphine	5.005	1275	3167.11	90.3	∞	11471	4.5923 ng/ml
Nordiazepam	5.907	155595	2080.99	55.8	5047.11	105270	50.2193 ng/ml
Norfentanyl	4.090	78365	286.71	36.2	280.97	652348	4.7628 ng/ml
Norhydrocodone	3.075	17937	98.46	37.8	197.69	34522	46.6020 ng/ml
Noroxycodone	2.918	136123	880.08	49.1	238.14	80021	50.9226 ng/ml
O-desmethyl-tramadol	3.379	775039	55295.08	5.8	858.47	786990	49.0053 ng/ml
Oxazepam	5.763	251322	10052.78	73.9	273.89	281572	53.3148 ng/ml
Oxycodone	2.843	254413	1093.53	30.9	518.40	182771	53.6453 ng/ml
Oxymorphone	1.405	105040	233.06	48.1	91.75	63671	52.2400 ng/ml
Phentermine	3.787	189107	688.25	4.8	40.60	463996	53.7088 ng/ml
Promethazine	5.552	681043	375.41	30.9	5038.17	589687	48.5803 ng/ml
Pseudoephedrine	2.590	765098	14912.06	17.1	4506.42	755025	49.2070 ng/ml
Quetiapine	5.555	412471	5808.61	58.1	28341.58	117928	53.5864 ng/ml
Sertraline	5.790	102020	3037.73	95.3	64026.47	87529	47.8875 ng/ml
Temazepam	5.824	446803	4896.40	28.1	259.24	430200	52.2141 ng/ml
Tramadol	4.257	832649	1701.64	3.3	211.96	760403	51.7324 ng/ml
Trazodone	5.121	452031	537.22	80.9	959.07	360712	49.5220 ng/ml
Venlafaxine	5.050	700981	35776.27	31.1	798.06	739200	49.0630 ng/ml
Zolpidem	4.893	612405	35538.08	30.1	1946.70	605172	52.0374 ng/ml

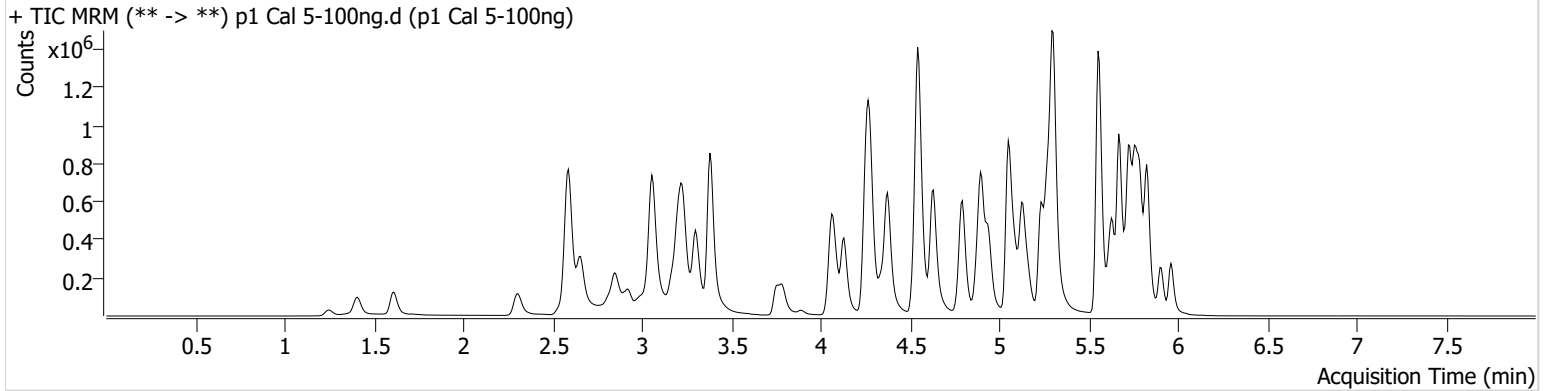


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng.d
Type Cal **Sample** p1 Cal 5-100ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-E5 **Comment**
Injection Volume 2
Acq. Date-Time 5/25/2022 8:31:17 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	13011	7738.00	70.2	26179.78	31718	9.7044 ng/ml
7-aminoclonazepam	4.270	106666	197.48	69.7	132.64	40021	106.9828 ng/ml
a-hydroxyalprazolam	5.699	107509	323.94	68.5	982.18	125116	103.4587 ng/ml
alpha-PHP	4.943	243874	16117.54	261.7	3418.58	329447	99.7617 ng/ml
alpha-PVP	4.375	879012	499.57	51.0	14704.61	329447	98.5574 ng/ml
Alprazolam	5.782	382604	4420.62	106.7	∞	125116	99.0865 ng/ml
Amphetamine	3.058	1530509	1105.85	46.4	11282.84	157050	106.6606 ng/ml
Benzoylcegonine	3.890	22290	66644.45	8.4	127.62	8196	92.2180 ng/ml
Buprenorphine	5.779	20176	1279.02	15.2	5977.48	76700	10.2803 ng/ml
Bupropion	4.794	863562	1362.58	69.6	683.64	295661	102.2964 ng/ml
Carisoprodol	5.731	373194	263.59	64.5	7459.18	178021	95.1956 ng/ml
Citalopram	5.232	673541	15850.04	32.2	470.51	300261	98.8655 ng/ml
Clonazepam	5.619	398414	15635.21	34.0	339.01	54661	105.7934 ng/ml
Clonazepam	5.563	253354	384938.88	35.8	159491.37	54661	103.4655 ng/ml
Cocaine	4.276	585521	852275.17	57.4	379696.90	467906	101.4824 ng/ml
Codeine	2.594	63851	1570.25	103.7	193541.77	32337	102.5496 ng/ml
Cyclobenzaprine	5.635	457128	820.83	8.2	4630.44	192527	93.0602 ng/ml
Dextromethorphan	5.275	341736	543.18	86.2	268.10	143201	100.4078 ng/ml
Dextrophan	4.130	233325	496.32	198.7	24804.16	243942	96.7179 ng/ml
Diazepam	5.960	236824	2940.26	88.5	4678.86	107678	101.5281 ng/ml
Dihydrocodeine	2.566	160441	102.31	68.8	5129.68	95346	105.9106 ng/ml
Diphenhydramine	5.302	1669790	74402.60	30.9	36035.15	1061805	98.9902 ng/ml
Doxylamine	4.542	1742253	15961.96	99.4	6689.56	765620	100.8956 ng/ml
EDDP	5.267	524046	17478.97	41.1	933.22	279217	98.3290 ng/ml
Etizolam	5.820	205015	10907.21	27.2	94790.18	54661	96.5765 ng/ml
Fentanyl	5.102	59111	13075.16	62.2	34489.94	323933	10.0452 ng/ml
Flualprazolam	5.713	138918	33590.19	97.5	6453.51	125116	102.9902 ng/ml
Fluoxetine	5.728	553206	74557.87	7.5	173.12	214573	93.2648 ng/ml
Hydrocodone	3.027	248001	1174.53	37.6	150.33	148054	103.9727 ng/ml
Hydromorphone	1.615	207916	724.92	79.3	924108.17	60987	104.3302 ng/ml
Ketamine	4.056	598633	5224.77	33.7	327.30	254928	103.7562 ng/ml
Lamotrigine	4.285	42547	2874.13	89.5	79474.44	254928	106.1532 ng/ml
Levetiracetam	2.658	269264	2291.13	160.4	5871.81	693662	101.4200 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	303040	10086.12	55.2	827.19	54661	96.2122 ng/ml
MDA	3.205	843350	7185.11	27.8	534.84	189671	106.8979 ng/ml
MDMA	3.299	582570	4187.47	85.6	20527.60	56796	98.8834 ng/ml
Meprobamate	4.910	199298	776.39	28.9	49375.96	109342	105.5806 ng/ml
Methadone	5.666	957414	47815.43	62.2	29185.83	393161	95.9317 ng/ml
Methamphetamine	3.233	982037	11076.46	38.3	337.56	421824	102.9880 ng/ml
Metoprolol	4.338	166139	368690.77	96.7	866.22	710831	101.3569 ng/ml
Mirtazapine	4.630	1074351	9988.37	56.3	4709.03	329447	96.1854 ng/ml
Mitragynine	5.236	204489	1261.99	36.5	137263.34	393161	98.1002 ng/ml
Morphine	1.247	30863	1645.31	28.2	57.65	3678	106.1655 ng/ml
Norbuprenorphine	5.005	2266	4234.37	95.4	29.31	9427	10.3618 ng/ml
Nordiazepam	5.907	264394	38030.82	53.3	1114.48	87239	103.3208 ng/ml
Norfentanyl	4.097	146688	67785.22	35.2	398.02	597573	9.6754 ng/ml
Norhydrocodone	3.075	32975	114.69	38.5	163.98	30332	96.3516 ng/ml
Noroxycodone	2.918	242801	265.50	49.5	4859.22	74461	97.9647 ng/ml
O-desmethyl-tramadol	3.379	1443112	46154.88	5.8	915.12	734893	97.5753 ng/ml
Oxazepam	5.763	400626	3977.74	73.8	1806.96	232413	103.5261 ng/ml
Oxycodone	2.843	477596	2517.34	30.6	531.58	174134	106.2051 ng/ml
Oxymorphone	1.405	198999	135.71	45.8	∞	59976	105.7903 ng/ml
Phentermine	3.787	336687	393.40	4.6	726.98	429453	104.0414 ng/ml
Promethazine	5.552	1125590	894.92	31.0	16360.24	491356	95.9866 ng/ml
Pseudoephedrine	2.590	1407208	19454.70	16.5	9388.62	693662	98.1830 ng/ml
Quetiapine	5.555	708100	177082.06	58.6	22741.77	104440	104.8070 ng/ml
Sertraline	5.790	172805	7832.45	92.9	1116.67	67812	103.7911 ng/ml
Temazepam	5.824	723909	13661.73	28.6	318.53	354126	103.7217 ng/ml
Tramadol	4.257	1532139	18835.53	3.3	227.53	710831	102.2474 ng/ml
Trazodone	5.128	769843	87279.18	80.5	1523.99	309580	98.1737 ng/ml
Venlafaxine	5.050	1254414	73026.50	31.5	1282.10	664308	97.5163 ng/ml
Zolpidem	4.893	1098700	327666.01	30.4	13618.15	551002	103.0755 ng/ml

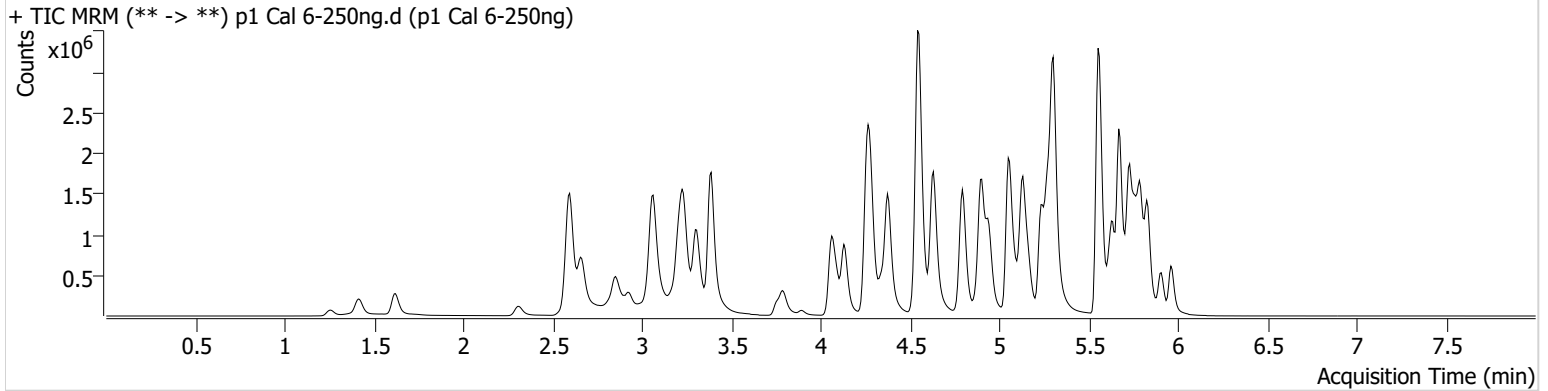
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 8:41:54 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	34971	862.45	70.1	66350.58	33284	24.9549 ng/ml
7-aminoclonazepam	4.270	298978	1211.63	68.7	4866.25	48452	248.5233 ng/ml
a-hydroxyalprazolam	5.699	203219	987.91	65.5	3410.12	115617	212.2278 ng/ml
alpha-PHP	4.943	644827	7681.38	259.9	5176.73	344600	252.5418 ng/ml
alpha-PVP	4.375	2339264	1648.52	50.7	1561.63	344600	250.6040 ng/ml
Alprazolam	5.782	919091	1315.56	104.9	992.91	115617	257.1913 ng/ml
Amphetamine	3.065	3410741	765.46	45.7	1093.16	162166	231.5110 ng/ml
Benzoylcegonine	3.890	59302	939.07	7.9	247.44	8377	240.4113 ng/ml
Buprenorphine	5.779	54089	3193.97	15.8	14540.88	86061	24.6290 ng/ml
Bupropion	4.794	2399035	224042.63	69.1	15878.19	330744	254.2401 ng/ml
Carisoprodol	5.737	725309	∞	64.2	5991.46	132196	248.8729 ng/ml
Citalopram	5.232	1801168	19472.52	31.8	102091.38	307974	257.5358 ng/ml
Clonazepam	5.619	843872	22937.30	34.1	29903.02	49802	246.9899 ng/ml
Clonazepam	5.563	488089	794506.57	36.5	457860.38	49802	219.9807 ng/ml
Cocaine	4.276	1424879	447158.30	58.2	141585.30	466931	247.5674 ng/ml
Codeine	2.594	147449	5044.43	100.9	82.17	30175	255.3659 ng/ml
Cyclobenzaprine	5.635	1392713	1853.58	8.0	120520.59	212253	256.0035 ng/ml
Dextromethorphan	5.275	904327	147493.10	83.7	18676.57	152315	250.1822 ng/ml
Dextrophan	4.130	620803	30731.78	196.0	50942.20	248499	252.1947 ng/ml
Diazepam	5.960	622126	571.69	90.4	442.03	114007	252.1189 ng/ml
Dihydrocodeine	2.573	395857	9653.37	70.4	5050.97	101234	246.4575 ng/ml
Diphenhydramine	5.302	4467845	148056.79	31.3	30120.78	1104149	254.2619 ng/ml
Doxylamine	4.548	4749688	6461.68	97.8	7829.40	820957	256.6394 ng/ml
EDDP	5.267	1356035	54057.10	41.5	17199.85	283289	250.5078 ng/ml
Etizolam	5.827	506423	3298.73	27.2	4232.53	49802	261.2269 ng/ml
Fentanyl	5.102	182201	1681.95	63.1	571614.41	396658	25.3033 ng/ml
Flualprazolam	5.713	325327	24670.17	94.1	10423.61	115617	261.3443 ng/ml
Fluoxetine	5.728	1677418	392796.81	7.5	81867.23	242585	249.5612 ng/ml
Hydrocodone	3.034	602577	805.47	38.9	201.53	151044	248.5505 ng/ml
Hydromorphone	1.621	510631	3575253.74	79.4	971732.86	60335	258.8625 ng/ml
Ketamine	4.063	1560683	827.43	33.4	1783.55	275460	251.1639 ng/ml
Lamotrigine	4.292	103225	499.29	90.9	86053.53	275460	240.1283 ng/ml
Levetiracetam	2.664	643873	3046.85	164.3	3071.02	692494	243.3953 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	444944	8707.91	55.1	1299.92	49802	156.1820 ng/ml
MDA	3.205	1838503	1439.36	27.0	1330.03	179581	247.5333 ng/ml
MDMA	3.306	1498297	205222.35	85.4	6206.31	57563	251.0161 ng/ml
Meprobamate	4.910	402545	7548.18	28.1	8617.25	97733	239.8009 ng/ml
Methadone	5.666	2701765	101967.63	62.7	3681.63	435603	242.8207 ng/ml
Methamphetamine	3.233	2530654	1591.03	38.4	615.88	457810	245.7718 ng/ml
Metoprolol	4.338	412718	176010.33	97.5	20718.31	750245	239.5362 ng/ml
Mirtazapine	4.630	2982405	5946.23	55.6	4697.93	344600	255.0973 ng/ml
Mitragynine	5.236	574808	55125.25	35.7	280002.92	435603	248.8711 ng/ml
Morphine	1.261	71172	512.87	31.5	1260.44	3362	268.1363 ng/ml
Norbuprenorphine	5.005	6267	9414.23	93.9	4086.66	11405	24.1779 ng/ml
Nordiazepam	5.907	647715	1535.67	53.3	6039.30	88085	251.1566 ng/ml
Norfentanyl	4.097	381534	185409.18	35.3	1975.29	581298	25.7788 ng/ml
Norhydrocodone	3.082	83618	162.59	37.4	120.37	27430	268.2623 ng/ml
Noroxycodone	2.925	535694	1269.12	49.0	1121.33	65093	247.8305 ng/ml
O-desmethyl-tramadol	3.386	3819571	72346.36	5.8	5702.49	759064	249.8137 ng/ml
Oxazepam	5.763	688111	170.21	72.5	209.85	166673	248.7932 ng/ml
Oxycodone	2.843	1174021	1230.90	30.5	403.39	182349	250.0115 ng/ml
Oxymorphone	1.411	465594	∞	47.7	∞	55534	268.4029 ng/ml
Phentermine	3.794	815537	∞	4.4	181.28	456706	237.9799 ng/ml
Promethazine	5.552	3526189	56551.29	30.3	544.68	582968	252.8269 ng/ml
Pseudoephedrine	2.597	3483998	89728.63	16.6	79560.03	692494	243.0104 ng/ml
Quetiapine	5.555	1716291	284.16	60.6	399365.56	113905	234.1386 ng/ml
Sertraline	5.796	544562	19669.04	92.1	346.91	92560	238.6287 ng/ml
Temazepam	5.831	1531279	16519.90	27.7	282.22	294935	264.9472 ng/ml
Tramadol	4.257	3873931	∞	3.3	4420.59	750245	245.5471 ng/ml
Trazodone	5.128	2355341	1054.42	80.6	1010.06	366010	253.9001 ng/ml
Venlafaxine	5.050	3380234	80835.12	30.5	1588.34	711380	245.1103 ng/ml
Zolpidem	4.893	2938441	8172.32	29.1	3784.27	601383	253.3818 ng/ml

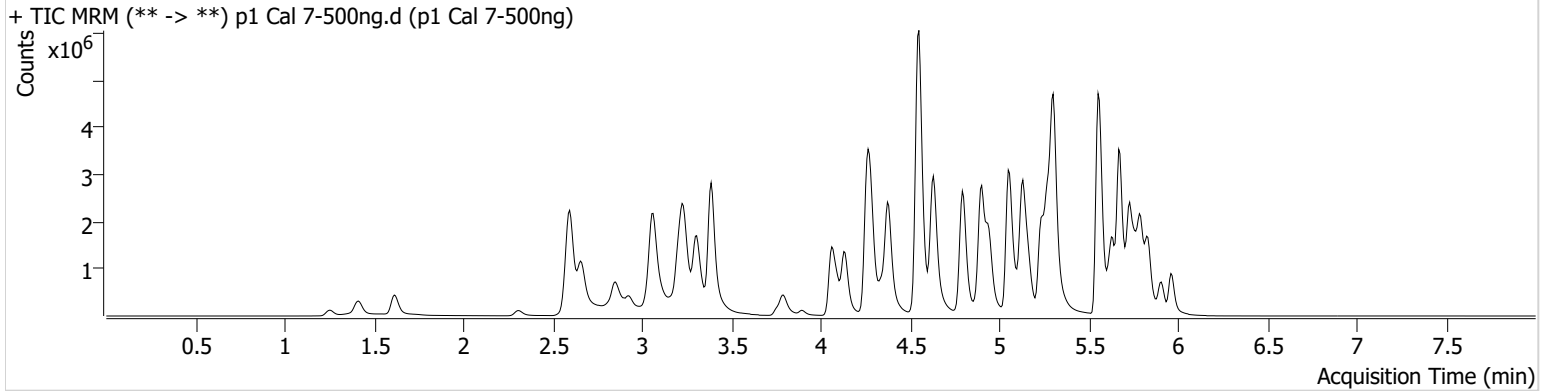
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G5	Comment	
Injection Volume	2		
Acq. Date-Time	5/25/2022 8:52:30 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	61628	5568.31	72.8	36688.59	29459	49.7493 ng/ml
7-aminoclonazepam	4.270	385214	123.40	74.7	3910.45	37092	418.7076 ng/ml
a-hydroxyalprazolam	5.699	246705	1723.70	67.8	664.41	90586	329.1487 ng/ml
alpha-PHP	4.943	1108707	6594.22	258.3	117817.16	296067	505.6324 ng/ml
alpha-PVP	4.381	4013681	117009.72	51.7	76922.23	296067	500.3725 ng/ml
Alprazolam	5.782	1421186	639.76	104.3	1023.85	90586	507.3474 ng/ml
Amphetamine	3.065	5233315	217.85	45.9	342.18	142819	404.1872 ng/ml
Benzoylcegonine	3.890	109616	103.30	7.9	766.04	7555	493.0354 ng/ml
Buprenorphine	5.779	93223	14328.25	15.6	17645.34	74502	49.0827 ng/ml
Bupropion	4.794	4299210	280195.25	68.9	32645.25	302401	498.4439 ng/ml
Carisoprodol	5.737	985132	70585.47	62.8	11130.73	86578	515.9453 ng/ml
Citalopram	5.232	2866779	∞	32.1	∞	248459	507.9475 ng/ml
Clonazepam	5.619	1152938	888.40	34.9	56013.93	38506	437.0500 ng/ml
Clonazepam	5.563	626757	496982.68	36.8	441188.49	38506	366.0601 ng/ml
Cocaine	4.276	2336709	209630.78	58.3	2369701.97	379162	500.0397 ng/ml
Codeine	2.594	224442	8467.06	100.3	4724.30	24668	476.4081 ng/ml
Cyclobenzaprine	5.635	2173272	1049.68	7.9	9582.44	161871	523.1288 ng/ml
Dextromethorphan	5.275	1372120	36874.82	84.0	108428.44	115232	502.0056 ng/ml
Dextrophan	4.137	1068849	4398.48	197.5	1182.32	209897	513.7929 ng/ml
Diazepam	5.960	1007144	9339.23	89.8	25982.37	95395	487.9192 ng/ml
Dihydrocodeine	2.566	655435	7980.25	71.6	6797.41	93264	443.1488 ng/ml
Diphenhydramine	5.302	7336868	84513.43	31.1	21449.01	899087	512.4772 ng/ml
Doxylamine	4.548	8508508	252072.90	97.9	178687.42	741802	508.8729 ng/ml
EDDP	5.267	2574481	45004.91	40.8	26177.87	268267	502.0531 ng/ml
Etizolam	5.827	818494	24857.11	27.6	213335.47	38506	545.6707 ng/ml
Fentanyl	5.102	319924	274863.42	62.8	710936.56	353418	49.8767 ng/ml
Flualprazolam	5.713	488778	1044.11	91.1	5524.16	90586	501.3501 ng/ml
Fluoxetine	5.728	2225956	81421.31	7.2	399162.45	154458	519.7509 ng/ml
Hydrocodone	3.034	1021861	261.57	39.6	98.19	132116	482.5103 ng/ml
Hydromorphone	1.615	894057	6778224.66	79.7	1333706.77	55907	489.0488 ng/ml
Ketamine	4.063	2741262	87060.74	32.9	21713.86	246604	493.3403 ng/ml
Lamotrigine	4.292	155294	921.98	92.2	160982.91	246604	404.4989 ng/ml
Levetiracetam	2.664	1051030	9463.47	166.5	45320.06	545762	504.4858 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	488134	47754.64	54.5	1150.99	38506	222.3836 ng/ml
MDA	3.205	2666165	1073.85	26.4	1234.49	136973	471.6000 ng/ml
MDMA	3.306	2522261	4719.42	85.9	1809.11	48404	502.5890 ng/ml
Meprobamate	4.916	545379	230.13	28.4	196.99	74462	427.1738 ng/ml
Methadone	5.673	4511323	120410.57	62.6	42869.88	362318	486.4765 ng/ml
Methamphetamine	3.233	4402526	1307.23	37.7	632.58	422429	464.1735 ng/ml
Metoprolol	4.338	648819	7067.32	99.0	9392.45	606070	466.8280 ng/ml
Mirtazapine	4.630	5128427	228039.41	55.3	48730.66	296067	510.4570 ng/ml
Mitragynine	5.236	935424	43690.74	37.1	1819.84	362318	486.9132 ng/ml
Morphine	1.253	119286	970.89	31.6	160.07	3154	479.2005 ng/ml
Norbuprenorphine	5.005	11935	467.26	93.1	5006.64	10158	52.1200 ng/ml
Nordiazepam	5.907	942947	26044.49	53.3	10168.60	65723	490.3571 ng/ml
Norfentanyl	4.097	674613	12691.50	36.1	7920.17	480882	55.0368 ng/ml
Norhydrocodone	3.082	147062	133.85	39.2	2496.50	22530	573.1968 ng/ml
Noroxycodone	2.925	797084	2111.19	48.7	952.84	47234	508.5864 ng/ml
O-desmethyl-tramadol	3.386	6777541	53899.61	5.8	1353.08	661800	508.2766 ng/ml
Oxazepam	5.763	741411	32186.92	72.8	7862.27	93457	478.6288 ng/ml
Oxycodone	2.843	1919475	897.58	30.5	789.20	155228	480.6560 ng/ml
Oxymorphone	1.411	776909	∞	47.9	1039.36	51650	482.1156 ng/ml
Phentermine	3.794	1331492	5579.91	4.4	1210.92	401983	442.1058 ng/ml
Promethazine	5.552	5652597	1327.97	30.2	1721.16	464410	508.3716 ng/ml
Pseudoephedrine	2.597	5840422	1736.83	16.9	110078.09	545762	516.5286 ng/ml
Quetiapine	5.555	2661973	1509.91	60.2	38994.97	98914	418.9718 ng/ml
Sertraline	5.796	673417	15901.63	94.0	22142.79	57413	474.9802 ng/ml
Temazepam	5.831	1965632	90530.07	27.9	4970.13	194786	515.8889 ng/ml
Tramadol	4.257	6524378	90313.24	3.3	658.01	606070	512.3875 ng/ml
Trazodone	5.128	4023546	1846.91	83.1	130140.40	314259	505.0573 ng/ml
Venlafaxine	5.050	5999410	1474.81	29.7	1300.71	596354	518.7411 ng/ml
Zolpidem	4.900	5138715	206304.69	28.7	2452.10	539924	494.0766 ng/ml

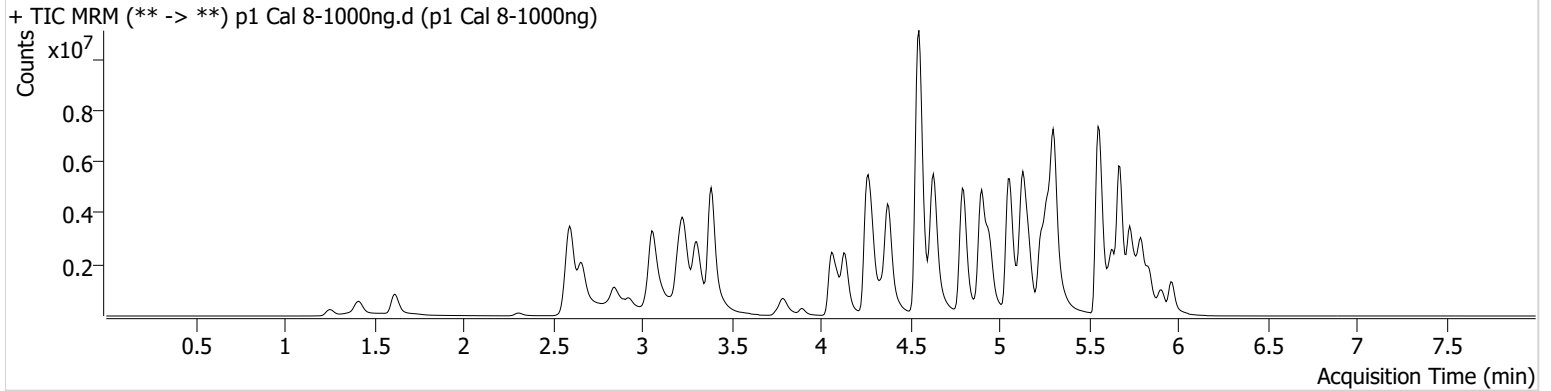


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\052522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 6/9/2022 9:18:02 AM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P6-H5 **Comment**
Injection Volume 2
Acq. Date-Time 5/25/2022 9:03:05 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	136865	13481.97	68.2	128382.21	31107	104.7004 ng/ml
7-aminoclonazepam	4.270	505856	1075.58	64.9	30.37	28516	715.6543 ng/ml
a-hydroxyalprazolam	5.699	274303	159.64	66.6	378.04	67831	489.0181 ng/ml
alpha-PHP	4.943	2065860	79417.64	263.6	337782.75	287858	969.2341 ng/ml
alpha-PVP	4.381	8065268	1896.12	51.4	865.09	287858	1034.0441 ng/ml
Alprazolam	5.782	2087374	267.18	102.0	364.87	67831	994.9161 ng/ml
Amphetamine	3.065	8327666	188.70	46.4	118.12	142496	645.3073 ng/ml
Benzoylcegonine	3.890	280137	29024.11	8.3	246.33	9305	1023.3119 ng/ml
Buprenorphine	5.779	171798	3369.12	15.1	64484.78	73639	91.5543 ng/ml
Bupropion	4.794	8797115	754489.17	67.9	161734.15	327293	942.4747 ng/ml
Carisoprodol	5.737	1077286	13692.12	65.2	3053.59	44090	1107.7303 ng/ml
Citalopram	5.232	4393467	73754.41	32.2	45315.33	190743	1013.8589 ng/ml
Clonazepam	5.612	1331180	67891.67	34.3	269.77	26787	725.9009 ng/ml
Clonazepam	5.569	697186	1861.15	37.5	232866.19	26787	585.9837 ng/ml
Cocaine	4.276	4181515	128556.70	58.0	116603.81	337692	1004.7670 ng/ml
Codeine	2.594	387435	11480.82	93.2	6670.74	21926	926.2456 ng/ml
Cyclobenzaprine	5.635	3933833	46808.01	7.6	631.88	132957	1152.0329 ng/ml
Dextromethorphan	5.281	2107845	65416.59	82.4	83200.58	89915	988.5641 ng/ml
Dextrophan	4.137	2135324	970929.61	197.7	422341.83	201476	1069.0590 ng/ml
Diazepam	5.967	1707225	5820.97	89.0	5907.92	82602	955.3093 ng/ml
Dihydrocodeine	2.566	1255923	22446.52	72.3	6893.46	111017	713.5147 ng/ml
Diphenhydramine	5.309	12532759	99508.60	31.6	8070.10	762582	1031.8205 ng/ml
Doxylamine	4.548	17404866	296648.83	96.3	254794.78	805853	958.2754 ng/ml
EDDP	5.267	5337097	61691.99	40.8	29811.44	269318	1036.5448 ng/ml
Etizolam	5.827	1360874	11882.89	27.3	9337.79	26787	1303.6784 ng/ml
Fentanyl	5.102	722611	21944.15	62.4	1205544.76	389519	102.2267 ng/ml
Flualprazolam	5.713	679272	22199.73	90.6	37129.29	67831	930.6696 ng/ml
Fluoxetine	5.728	3906002	46702.50	7.6	34397.65	131045	1074.6137 ng/ml
Hydrocodone	3.027	2005379	170.83	38.4	167.32	140685	889.8058 ng/ml
Hydromorphone	1.615	1916724	4919747.75	79.7	4838185.90	60251	972.7686 ng/ml
Ketamine	4.063	5346941	∞	32.1	49880.05	259985	913.2521 ng/ml
Lamotrigine	4.299	222025	39606.00	88.1	43893.86	259985	549.0626 ng/ml
Levetiracetam	2.664	1886540	4771.73	166.3	4089.50	500375	987.9800 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	495715	21761.52	54.3	1995.90	26787	325.4896 ng/ml
MDA	3.199	3683715	26136.05	25.4	623.64	110233	810.4205 ng/ml
MDMA	3.306	4783226	15262.03	80.0	12984.87	44553	1035.5512 ng/ml
Meprobamate	4.916	658365	12948.35	28.2	706.63	50667	758.5958 ng/ml
Methadone	5.673	8475231	101118.90	60.6	144877.55	321861	1027.7069 ng/ml
Methamphetamine	3.233	8336528	135234.38	37.2	68890.25	489766	758.6745 ng/ml
Metoprolol	4.338	1076810	109047.48	99.3	102755.28	616944	761.5687 ng/ml
Mirtazapine	4.630	10227071	58284.43	54.2	4567.68	287858	1046.8710 ng/ml
Mitragynine	5.236	1713428	80340.73	37.1	4804.22	321861	1003.9809 ng/ml
Morphine	1.253	261969	17550.72	31.3	2512.67	3570	930.0439 ng/ml
Norbuprenorphine	5.005	27510	11961.94	89.3	1083.18	11715	104.5427 ng/ml
Nordiazepam	5.907	1323700	∞	52.8	7877.35	48004	942.7495 ng/ml
Norfentanyl	4.097	1376221	18047.83	35.9	17398.42	427813	126.1326 ng/ml
Norhydrocodone	3.082	327078	684.55	39.6	148.06	21769	1318.0315 ng/ml
Noroxycodone	2.925	1233800	3458.52	50.0	778.60	37348	995.9962 ng/ml
O-desmethyl-tramadol	3.386	13801764	204064.63	5.7	19672.78	652829	1049.1261 ng/ml
Oxazepam	5.756	667876	62488.77	72.5	11807.32	43587	925.0137 ng/ml
Oxycodone	2.836	3517013	473.31	30.6	683.57	163665	835.6763 ng/ml
Oxymorphone	1.411	1603783	∞	47.7	∞	59429	865.5398 ng/ml
Phentermine	3.794	2297819	∞	4.5	1667.23	452859	677.6679 ng/ml
Promethazine	5.552	11178429	75199.87	29.0	95757.07	428322	1089.6142 ng/ml
Pseudoephedrine	2.597	10976629	183475.34	16.2	95557.87	500375	1058.4874 ng/ml
Quetiapine	5.555	4073283	112092.13	60.4	268.85	104960	604.6093 ng/ml
Sertraline	5.796	1333724	554632.89	92.5	153338.73	52133	1035.0928 ng/ml
Temazepam	5.837	2191871	39551.54	27.5	6406.97	116315	964.2217 ng/ml
Tramadol	4.257	11794798	∞	3.2	614.04	616944	910.3044 ng/ml
Trazodone	5.128	8299279	6697.44	82.4	201716.49	319876	1023.3766 ng/ml
Venlafaxine	5.050	11778648	4903.63	29.0	26896.14	573649	1058.5637 ng/ml
Zolpidem	4.900	10135823	6449.29	27.6	65358.46	589372	893.2216 ng/ml