

Worklist: 6358

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-1324	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1414	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1457	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1459	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-1465	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0934	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0939	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0951	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1041	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1048	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1049	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1066	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1077	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1088	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1089	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1093	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1099	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1134	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1179	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

TS

Extraction Date: 05/02/2023

Analyst: Tamara Salazar

Plate lot#: 230117

Plate Retest Date: 07/17/2023

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

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Blood Lot: Lampire 23A52593

Blank Urine Lot:

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

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- 4. Pipette **250µL 0.5M 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. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 17. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

Curves Limited:

7-aminoclonazepam 5-500 -- calibrator 8 dropped due to accuracy

Amphetamine 5-250 -- calibrators 7 and 8 dropped due to accuracy

Buprenorphine 1-100 -- calibrator 1 dropped due to ratio

Clonazolam 5-250 -- calibrators 7 and 8 dropped due to accuracy

Codeine 5-500 --calibrator 8 dropped due to accuracy

Dihydrocodeine 5-250 -- calibrators 7 and 8 dropped due to accuracy

Etizolam 5-500 -- calibrator 8 dropped due to accuracy
Flualprazolam 5-500 -- calibrator 8 dropped due to accuracy
Hydrocodone 5-500 -- calibrator 8 dropped due to accuracy
Hydroxyzine 5-500 -- calibrator 8 dropped due to accuracy
Ketamine 5-500 -- calibrator 8 dropped due to accuracy
MDA 5-250 -- calibrators 7 and 8 dropped due to accuracy
Meprobamate 5-250 -- calibrators 7 and 8 dropped due to accuracy
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy
Norbuprenorphine 1-100 -- calibrator 1 dropped due to poor peak shape
Norfentanyl 0.5-25 -- calibrators 7 and 8 dropped due to accuracy
Norhydrocodone 5-500 -- calibrator 8 dropped due to accuracy
Oxycodone 5-500 -- calibrator 8 dropped due to accuracy
Phentermine 5-250 -- calibrators 7 and 8 dropped due to accuracy
Tramadol 5-500 -- calibrator 8 dropped due to accuracy

Chlordiazepoxide and DMT not evaluated due to ratios

TS

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1134-1	P2023-1048-1	M2023-1414-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1099-1	P2023-1041-1	M2023-1324-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1093-1	P2023-0951-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1089-2	P2023-0939-2	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1088-3	P2023-0934-1	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1077-1	M2023-1465-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1066-3	M2023-1459-2	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	IS + Sample	P2023-1179-1	P2023-1049-1	M2023-1457-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

TS

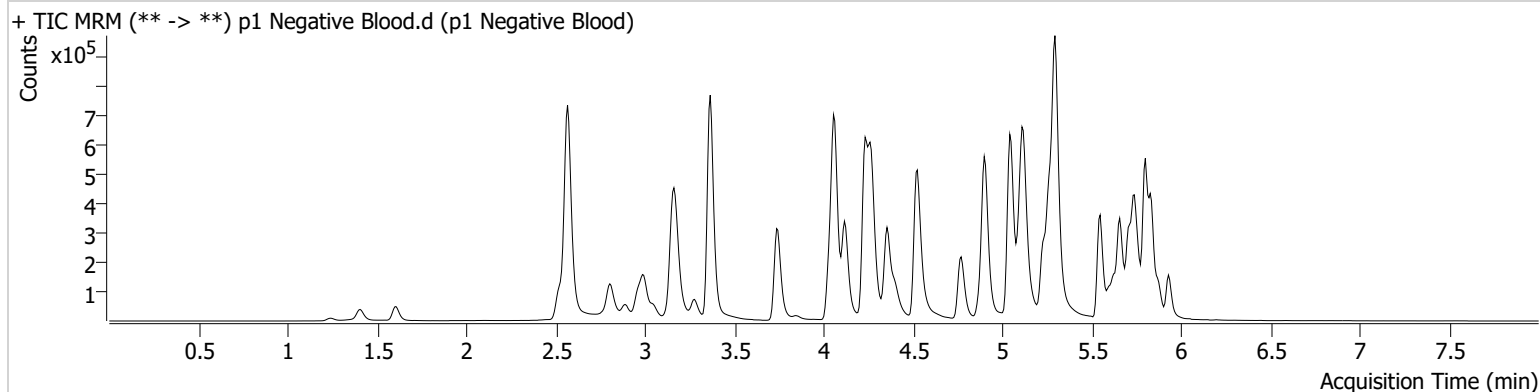


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-C11	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 3:36:29 AM		
Sample Info.			

Sample Chromatogram



TS

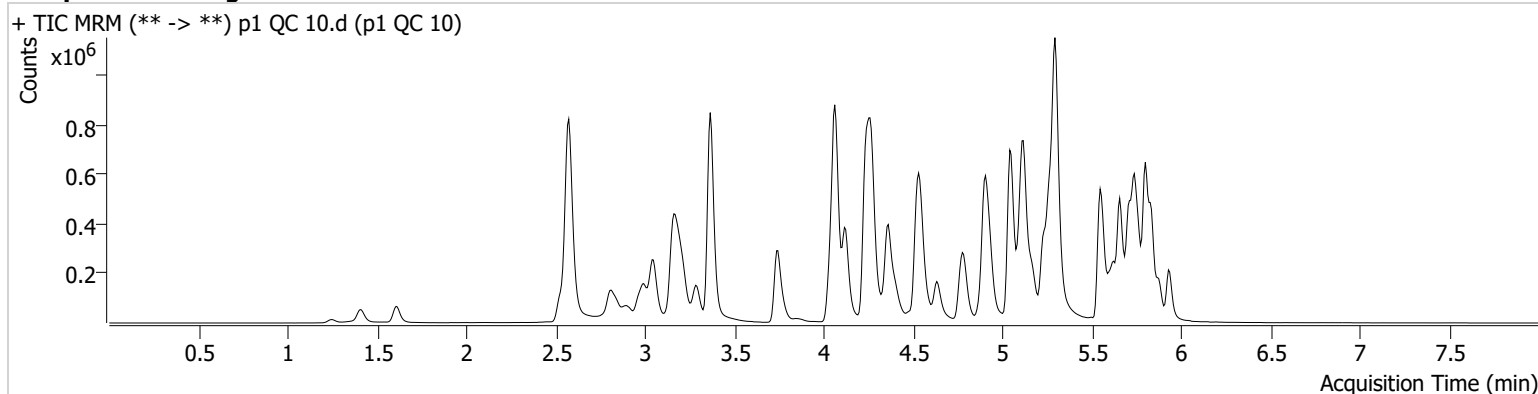


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H11	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 2:22:10 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	2764	12108.41	69.4	1477.52	51338	0.9766 ng/ml
7-aminoclonazepam	4.258	35012	1686.48	72.7	85.97	136981	10.9298 ng/ml
a-hydroxyalprazolam	5.689	29593	325.22	71.5	1050.12	1003096	11.0386 ng/ml
alpha-PHP	4.942	52853	196.86	266.7	1831.65	735679	10.4593 ng/ml
alpha-PVP	4.370	206656	528.10	48.7	306.58	735679	10.1630 ng/ml
Alprazolam	5.766	100798	586.06	110.1	2132.18	194395	10.1827 ng/ml
Amphetamine	3.050	384569	2384.84	46.1	1035.93	268210	10.6003 ng/ml
Benzoylcegonine	3.877	5497	257.78	8.5	4735.07	19212	9.6241 ng/ml
Buprenorphine	5.851	4092	1670.89	16.1	383.68	120611	1.0308 ng/ml
Bupropion	4.792	216821	439.14	67.2	366.20	549348	10.5195 ng/ml
Carisoprodol	5.714	72113	78245.17	53.5	177.67	339730	10.5723 ng/ml
Chlordiazepoxide	5.841	38551	1513.88	125.1	579.19	550443	4.7528 ng/ml
Chlorpheniramine	5.125	237167	1179.65	0.3	57.84	1104761	9.9326 ng/ml
Citalopram	5.232	158416	147.70	37.5	263.46	594858	9.7526 ng/ml
Clonazepam	5.608	113935	21324.55	35.1	679.30	128480	10.0406 ng/ml
Clonazolam	5.552	61875	888.72	29.4	9821.73	128480	10.5355 ng/ml
Cocaine	4.264	146262	354.67	52.8	135.86	1137951	9.5544 ng/ml
Codeine	2.586	17425	91.61	110.0	106.83	65115	10.1182 ng/ml
Cyclobenzaprine	5.631	72681	182.91	9.5	37.00	289151	10.2707 ng/ml
Dextromethorphan	5.276	81641	100.74	80.3	118.28	333161	9.9981 ng/ml
Dextrorphan	4.124	51255	543.97	220.6	4250.12	670760	9.8300 ng/ml
Diazepam	5.938	79022	220.13	88.6	1158.69	277366	10.3895 ng/ml
Dihydrocodeine	2.558	47245	277.15	60.9	356.04	280920	10.0689 ng/ml
Diphenhydramine	5.297	409456	5542.96	29.2	126.85	2029268	9.9905 ng/ml
DMT	2.852	14327	359.31	40.6 Low	187.04	333161	10.7034 ng/ml
Doxylamine	4.545	356991	2007.18	100.1	585.68	1435824	9.7606 ng/ml
Duloxetine	5.651	5533	80.93	11.7	∞	25082	10.7857 ng/ml
EDDP	5.268	122975	234.52	43.7	204.72	675932	9.8275 ng/ml
Etizolam	5.804	51102	46163.75	27.7	18461.45	128480	9.6917 ng/ml
Fentanyl	5.108	8370	103.60	72.3	12500.96	467151	1.0611 ng/ml
Flualprazolam	5.695	24154	1157.23	99.3	662.51	194395	10.6525 ng/ml
Fluorofentanyl	5.162	29278	1110.41	41.8	1686.17	4991	0.9865 ng/ml
Fluoxetine	5.711	66833	8427.00	7.4	238.42	233910	10.4174 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	65179	436.43	31.3	99.57	340978	10.4651 ng/ml
Hydromorphone	1.615	44794	1703.39	71.2	36.30	127828	10.0002 ng/ml
Hydroxyzine	5.708	98757	659.10	70.7	727.66	333161	10.1940 ng/ml
Ketamine	4.050	167532	686.94	37.4	478.54	493499	10.3308 ng/ml
Lamotrigine	4.281	11117	92.85	88.1	4667.07	1876197	9.8628 ng/ml
Lorazepam	5.737	106417	1607.69	52.8	367.69	638748	10.6456 ng/ml
MDA	3.198	247200	3473.95	22.9	719.77	376750	10.2107 ng/ml
MDMA	3.292	142740	1673.95	74.0	1001.64	149690	9.7515 ng/ml
Meprobamate	4.901	37235	154.79	25.9	173.19	199937	10.7985 ng/ml
Methadone	5.656	228344	318.76	45.6	327.76	650142	10.4395 ng/ml
Methamphetamine	3.219	218751	2367.94	39.9	1928.68	979570	10.3351 ng/ml
Metoprolol	4.327	33148	1874.18	102.9	2039.81	1320691	10.6524 ng/ml
Mirtazapine	4.634	260085	8903.19	52.6	963.90	735679	10.4996 ng/ml
Mitragynine	5.243	36283	82734.69	36.5	9958.22	650142	10.6131 ng/ml
Morphine	1.253	5985	1851.28	27.0	196.56	9643	9.9306 ng/ml
Norbuprenorphine	5.004	461	66.11	89.7	258.22	16129	0.7149 ng/ml
Nordiazepam	5.884	60761	460.28	62.4	343.52	169672	10.1603 ng/ml
Norfentanyl	4.085	34135	1166.63	37.1	68.79	1199071	0.9605 ng/ml
Norhydrocodone	3.067	5065	120.57	39.3	58.25	80747	8.9558 ng/ml
Noroxycodone	2.917	57816	793.15	48.2	125.97	151176	10.0688 ng/ml
O-desmethyl-tramadol	3.372	325763	6322.47	5.7	226.37	1845652	9.7802 ng/ml
o-desmethylvenlafaxine	4.069	464605	6183.28	16.4	539.92	321711	9.8521 ng/ml
Olanzapine	4.482	50265	243.97	55.2	584.98	114726	9.9632 ng/ml
Oxazepam	5.747	103336	296.80	79.9	1742.43	638748	10.2458 ng/ml
Oxycodone	2.835	114029	806.95	30.6	1198.55	406554	10.1478 ng/ml
Oxymorphone	1.411	43662	493.08	48.2	110.23	116204	9.8795 ng/ml
Phentermine	3.780	70711	580.97	4.5	30.83	818461	10.2548 ng/ml
Promethazine	5.548	176227	51616.78	30.1	159.61	728870	9.8111 ng/ml
Pseudoephedrine	2.583	468934	369.58	15.5	3054.68	1876197	9.6546 ng/ml
Quetiapine	5.564	180970	417.78	56.3	210.86	204347	10.3896 ng/ml
Sertraline	5.780	19439	54.36	111.9	91.37	75401	10.2620 ng/ml
Temazepam	5.807	168505	1379.00	30.8	216.35	1003096	10.2507 ng/ml
Tramadol	4.246	308447	116.49	3.5	52.66	1320691	10.4928 ng/ml
Trazodone	5.162	202101	715.42	57.7	133.87	560357	10.3290 ng/ml
Venlafaxine	5.042	247903	455.76	36.1	502.45	1523466	9.6085 ng/ml
Zolpidem	4.925	283135	4088.72	29.1	879.21	1360581	10.1803 ng/ml

TS

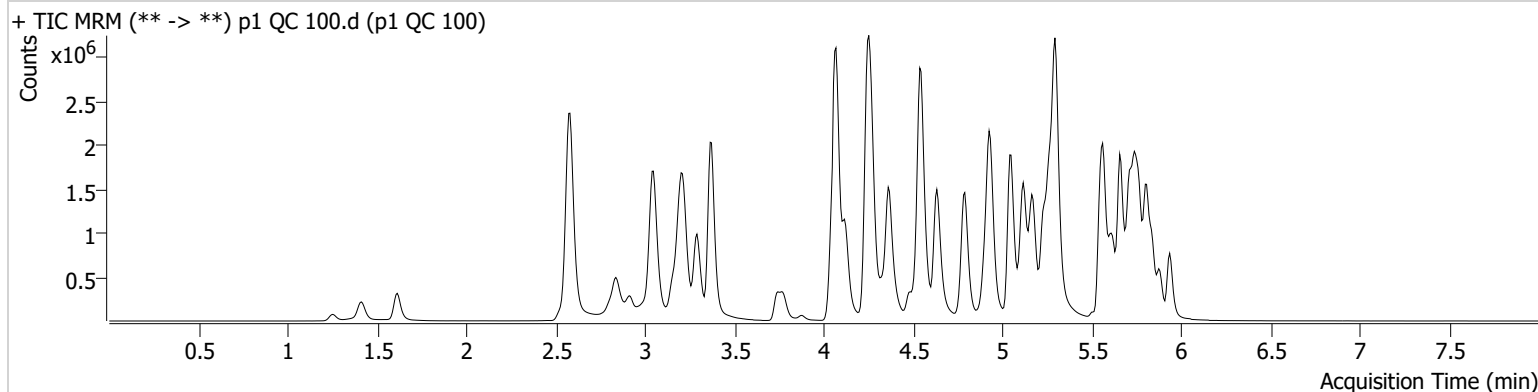


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G11	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 10:41:44 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	27780	15434.41	70.5	989.35	52706	9.7446 ng/ml
7-aminoclonazepam	4.258	304723	954.16	76.4	111.70	126044	108.8837 ng/ml
a-hydroxyalprazolam	5.689	216876	608.76	72.8	576.03	797192	103.7305 ng/ml
alpha-PHP	4.942	517206	3778.55	268.1	28248.85	740815	108.8426 ng/ml
alpha-PVP	4.370	2108713	48525.05	50.0	15145.03	740815	100.4170 ng/ml
Alprazolam	5.766	931092	2285.31	106.2	893.26	160672	110.1326 ng/ml
Amphetamine	3.050	3320755	5536.58	46.6	2679.93	270390	101.5677 ng/ml
Benzoylecgonine	3.877	58294	612.01	8.0	969.36	21317	94.3813 ng/ml
Buprenorphine	5.858	40743	29171.57	14.9	5501.37	124136	9.3102 ng/ml
Bupropion	4.792	2233388	429810.58	65.8	12219.91	566573	105.9853 ng/ml
Carisoprodol	5.721	514995	1057830.02	55.3	466.94	236553	89.5171 ng/ml
Chlordiazepoxide	5.841	344483	12603.32	123.1	5677.37	535797	123.6046 ng/ml
Chlorpheniramine	5.118	2433689	9874.69	0.3	117.26	1131819	98.2195 ng/ml
Citalopram	5.232	1559965	24846.74	37.0	530.03	578571	97.3189 ng/ml
Clonazepam	5.608	1005942	961.07	34.7	32720.26	113868	107.0481 ng/ml
Clonazolam	5.552	483606	550886.81	33.5	164923.04	113868	100.0067 ng/ml
Cocaine	4.264	1443188	43224.42	52.1	11103.26	1086102	98.0799 ng/ml
Codeine	2.586	146790	342.49	106.8	13705.89	58735	103.8710 ng/ml
Cyclobenzaprine	5.631	627421	18020.79	9.4	726.29	248715	93.4619 ng/ml
Dextromethorphan	5.276	770215	33243.07	77.8	17264.14	309432	100.8785 ng/ml
Dextrorphan	4.124	515682	2025.25	214.7	4692.55	666531	95.6402 ng/ml
Diazepam	5.938	719292	496.56	89.1	318.43	252275	105.4320 ng/ml
Dihydrocodeine	2.558	453259	324.60	61.8	2234.17	280826	103.9534 ng/ml
Diphenhydramine	5.297	3984689	230623.90	28.9	66528.43	1946541	98.2912 ng/ml
DMT	2.852	113824	340.47	55.3	2551.60	309432	98.1570 ng/ml
Doxylamine	4.545	3891102	340244.43	96.3	101215.08	1480050	101.1512 ng/ml
Duloxetine	5.651	36019	301.19	11.5	962.30	19745	90.0582 ng/ml
EDDP	5.268	1267518	18574.31	44.0	536.87	713470	93.8065 ng/ml
Etizolam	5.804	474495	30076.72	27.3	4955.78	113868	97.5507 ng/ml
Fentanyl	5.108	78044	770.03	64.2	231156.42	438311	10.6898 ng/ml
Flualprazolam	5.695	197051	8346.07	103.9	3615.58	160672	111.6398 ng/ml
Fluorofentanyl	5.162	263456	∞	42.7	111162.48	4557	9.5000 ng/ml
Fluoxetine	5.711	399321	28942.81	8.0	46.59	151970	92.0583 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	581462	300.26	33.8	141.78	339040	101.2621 ng/ml
Hydromorphone	1.615	473956	3039467.98	74.3	3396.38	133386	101.2786 ng/ml
Hydroxyzine	5.708	895803	1005.64	74.8	587.72	309432	95.9214 ng/ml
Ketamine	4.050	1602393	224213.94	37.7	6950.03	500729	106.3553 ng/ml
Lamotrigine	4.281	101809	595.41	87.2	2418.67	1696170	102.0829 ng/ml
Lorazepam	5.737	722939	5490.49	52.7	1717.55	477123	106.4187 ng/ml
MDA	3.198	2034887	2500.94	21.1	5675.74	337601	101.7896 ng/ml
MDMA	3.292	1429985	3783.10	72.9	5413.58	143775	101.9729 ng/ml
Meprobamate	4.901	298376	405.25	24.9	687.76	183149	100.9619 ng/ml
Methadone	5.656	2247435	121341.08	45.6	1070.65	639730	101.1957 ng/ml
Methamphetamine	3.219	2068660	22607.89	38.9	2872.88	1024393	103.7161 ng/ml
Metoprolol	4.327	312708	687151.66	108.6	88218.72	1338046	104.8032 ng/ml
Mirtazapine	4.634	2644160	75141.26	51.0	15612.95	740815	100.1488 ng/ml
Mitragynine	5.243	340197	380.03	36.9	213541.21	639730	100.9661 ng/ml
Morphine	1.253	65275	474.67	25.6	1452.19	10468	103.7759 ng/ml
Norbuprenorphine	5.004	4411	3373.85	83.7	1493.97	16872	9.9493 ng/ml
Nordiazepam	5.884	533366	602.22	63.0	3199.13	151409	101.6620 ng/ml
Norfentanyl	4.085	323290	350.00	37.3	525.22	1040509	9.9490 ng/ml
Norhydrocodone	3.067	46618	258.47	39.7	59.45	59002	92.9451 ng/ml
Noroxycodone	2.917	528194	2623.22	48.9	403.96	143314	97.7498 ng/ml
O-desmethyl-tramadol	3.372	3344959	80845.73	5.9	417.89	1814079	98.4700 ng/ml
o-desmethylvenlafaxine	4.082	4552172	345257.43	16.2	2843.58	301849	96.3138 ng/ml
Olanzapine	4.482	523008	1963.84	55.9	907.50	115312	103.5472 ng/ml
Oxazepam	5.747	768431	303.81	76.1	680.11	477123	102.8951 ng/ml
Oxycodone	2.835	1114423	1654.76	30.3	∞	411331	105.4670 ng/ml
Oxymorphone	1.411	430706	483.32	46.9	∞	112795	103.5354 ng/ml
Phentermine	3.774	674061	427.54	4.3	94.80	837987	99.5536 ng/ml
Promethazine	5.548	1534981	1160.75	31.6	1173.04	641894	93.0365 ng/ml
Pseudoephedrine	2.583	4487875	60647.90	15.0	71903.70	1696170	95.9833 ng/ml
Quetiapine	5.564	1708344	147667.06	59.0	703994.18	201844	104.3119 ng/ml
Sertraline	5.780	129329	268.03	97.1	339.02	51839	97.2249 ng/ml
Temazepam	5.807	1366561	4137.66	30.2	463.30	797192	103.2538 ng/ml
Tramadol	4.246	3029551	∞	3.6	383.81	1338046	103.5155 ng/ml
Trazodone	5.169	1867604	528077.03	61.4	1296954.94	531769	100.2751 ng/ml
Venlafaxine	5.049	2568492	92367.94	35.9	1023.96	1536412	94.3821 ng/ml
Zolpidem	4.925	2771994	2093964.43	29.5	1817.17	1362970	106.5305 ng/ml

TS

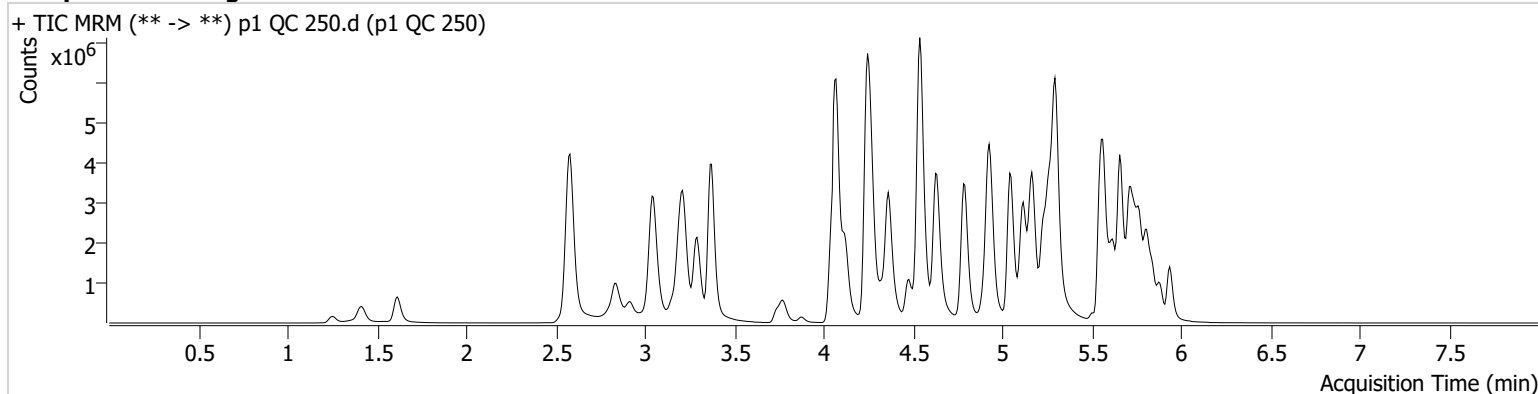


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-F11	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 2:43:23 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	71990	2052.57	70.8	352594.72	54568	24.4217 ng/ml
7-aminoclonazepam	4.258	598608	233.52	78.3	240.33	106570	253.8425 ng/ml
a-hydroxyalprazolam	5.682	343116	718.13	70.6	844.41	514809	254.4703 ng/ml
alpha-PHP	4.935	1151062	41898.41	269.6	7762.62	699418	257.6917 ng/ml
alpha-PVP	4.363	5193590	7724.53	49.6	20655.08	699418	261.5051 ng/ml
Alprazolam	5.766	1902741	1303.23	107.2	1017.13	133575	270.1930 ng/ml
Amphetamine	3.050	6678001	5369.81	45.3	17667.32	276512	201.1057 ng/ml
Benzoylcegonine	3.877	148552	286.17	8.1	587.51	21468	239.2628 ng/ml
Buprenorphine	5.851	111560	132044.00	13.7	9711.39	128017	24.5941 ng/ml
Bupropion	4.792	5690131	397553.37	64.9	21193.80	572818	267.2367 ng/ml
Carisoprodol	5.721	788373	384.83	54.4	358.49	138218	231.2197 ng/ml
Chlordiazepoxide	5.841	632201	22230.52	140.8	8288.95	456287	277.6617 ng/ml
Chlorpheniramine	5.118	6294443	6958.27	0.3	137.13	1155929	248.5187 ng/ml
Citalopram	5.225	3612125	40206.99	36.2	293322.23	511782	254.4996 ng/ml
Clonazepam	5.608	1867914	39309.01	33.6	3020.72	90021	252.4871 ng/ml
Clonazolam	5.545	790863	465283.46	34.5	8212.22	90021	207.8375 ng/ml
Cocaine	4.264	3268170	58347.88	52.6	52594.62	972895	247.8372 ng/ml
Codeine	2.586	285140	292.32	102.7	5726.31	54557	218.4480 ng/ml
Cyclobenzaprine	5.625	2020792	45638.40	8.5	1531.84	300129	247.6782 ng/ml
Dextromethorphan	5.276	1727165	35097.02	76.9	18455.23	282781	247.4269 ng/ml
Dextrorphan	4.118	1233977	3454.99	214.4	1600.73	602381	252.5279 ng/ml
Diazepam	5.938	1531523	2941.24	87.1	722.26	215327	263.2478 ng/ml
Dihydrocodeine	2.552	997532	17147.19	63.1	625.84	293460	219.8734 ng/ml
Diphenhydramine	5.297	9417205	165894.90	29.0	83965.12	1754007	257.2512 ng/ml
DMT	2.852	232220	1391.76	74.4 High	46731.57	282781	220.2079 ng/ml
Doxylamine	4.538	10168911	6584.23	96.2	131051.60	1491647	261.9487 ng/ml
Duloxetine	5.651	126091	1991.55	12.5	592.20	24405	255.2856 ng/ml
EDDP	5.262	3139009	243556.95	43.4	427.79	678440	243.9119 ng/ml
Etizolam	5.804	1011471	7037.50	27.4	29380.20	90021	262.3171 ng/ml
Fentanyl	5.108	216542	9252.50	66.4	292283.70	504963	25.7680 ng/ml
Flualprazolam	5.695	359731	5856.36	111.7	10943.96	133575	246.0266 ng/ml
Fluorofentanyl	5.162	800437	7814.43	42.8	15055.95	5469	24.0147 ng/ml
Fluoxetine	5.711	1196330	1218.02	7.8	82427.17	165344	252.6892 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1313533	3141.95	34.8	457.41	332173	234.6891 ng/ml
Hydromorphone	1.615	1109097	13889.04	75.4	3224586.40	123924	255.0745 ng/ml
Hydroxyzine	5.708	2261206	46584.40	77.8	846.85	282781	264.2154 ng/ml
Ketamine	4.043	3570993	1400.54	37.6	1301.81	488554	244.2902 ng/ml
Lamotrigine	4.281	214361	8865.12	88.5	22444.07	1391368	262.3957 ng/ml
Lorazepam	5.737	886739	25547.93	53.6	1884.43	271163	231.0472 ng/ml
MDA	3.191	3624728	7188.07	20.0	3761.03	293528	209.5656 ng/ml
MDMA	3.292	3323908	51292.33	73.6	14518.90	138146	246.7276 ng/ml
Meprobamate	4.901	551565	35287.45	24.9	12606.17	164524	208.6490 ng/ml
Methadone	5.656	5701945	8399.16	44.6	4087.63	621241	263.8062 ng/ml
Methamphetamine	3.219	4994358	1513.27	39.4	8445.11	1060495	243.5759 ng/ml
Metoprolol	4.327	696599	173212.50	106.5	7909.10	1261126	248.6242 ng/ml
Mirtazapine	4.634	6870928	31973.21	50.1	149538.48	699418	274.5146 ng/ml
Mitragynine	5.236	868702	54523.63	36.7	1707.10	621241	265.4619 ng/ml
Morphine	1.253	158340	1359.30	25.6	2173.21	10454	252.7011 ng/ml
Norbuprenorphine	5.004	11101	20979.79	84.4	9315.66	17128	25.2851 ng/ml
Nordiazepam	5.884	1064557	4895.25	62.3	1260.26	121975	252.1615 ng/ml
Norfentanyl	4.085	679588	156745.07	38.3	5202.57	763408	28.4046 ng/ml
Norhydrocodone	3.067	124018	394.80	39.6	∞	52258	275.7388 ng/ml
Noroxycodone	2.917	1024032	7664.26	47.6	965.70	109427	248.3267 ng/ml
O-desmethyl-tramadol	3.372	8397254	227320.88	5.7	8118.47	1761631	253.9399 ng/ml
o-desmethylvenlafaxine	4.079	10499508	285149.21	15.8	8425.43	264926	251.9738 ng/ml
Olanzapine	4.475	1837524	21375.29	57.5	1433.64	163640	256.4231 ng/ml
Oxazepam	5.747	1044657	6633.14	78.0	7081.28	271163	246.2678 ng/ml
Oxycodone	2.828	2559444	1554.38	30.4	1418.82	410799	243.6522 ng/ml
Oxymorphone	1.411	987629	∞	46.6	∞	103503	259.2363 ng/ml
Phentermine	3.774	1478237	6665.36	4.0	915.99	835144	219.6564 ng/ml
Promethazine	5.548	5005390	2501.61	30.5	2003.01	807863	240.3379 ng/ml
Pseudoephedrine	2.583	9923585	12979.05	14.4	1951.18	1391368	257.6320 ng/ml
Quetiapine	5.564	3953935	59713.60	57.9	102651.99	194367	251.5383 ng/ml
Sertraline	5.780	449897	1469.96	96.7	1428.39	69890	250.4798 ng/ml
Temazepam	5.807	2281712	13983.90	28.6	17191.40	514809	266.7325 ng/ml
Tramadol	4.246	6926490	∞	3.6	∞	1261126	251.3975 ng/ml
Trazodone	5.162	4904389	103591.18	65.5	2176.74	561230	249.4508 ng/ml
Venlafaxine	5.043	6404612	1572.50	34.4	1362.99	1425404	252.8847 ng/ml
Zolpidem	4.919	6606029	204594.92	28.2	6130.89	1378661	252.0743 ng/ml

TS

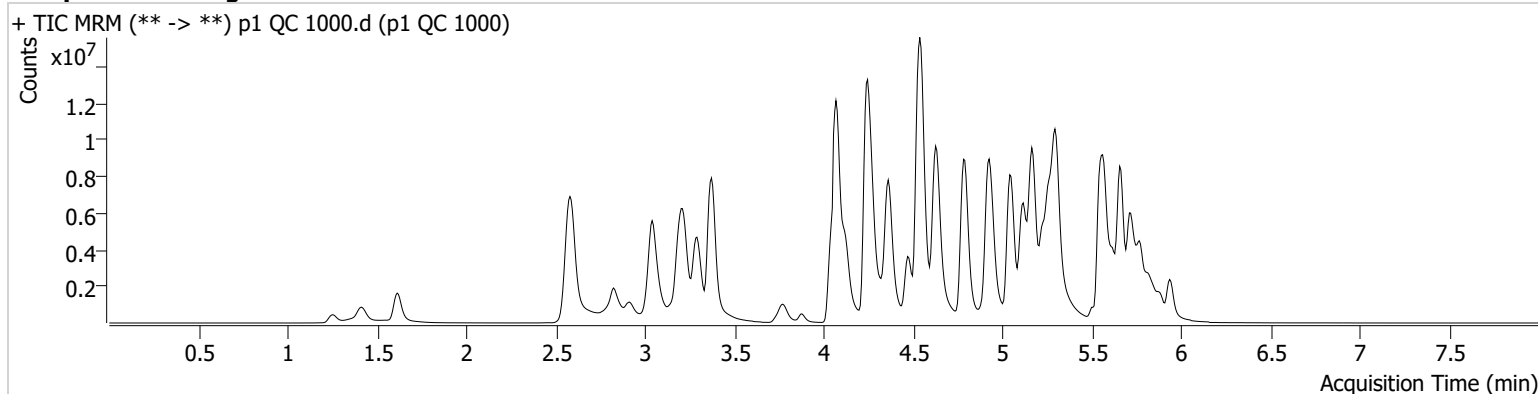


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E11	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 3:04:38 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	254618	3077.21	68.9	138082.05	47164	100.0009 ng/ml
7-aminoclonazepam	4.258	683944	2752.11	77.6	6400.99	44372	697.7009 ng/ml
a-hydroxyalprazolam	5.682	350888	411.04	70.6	452.05	136928	979.0736 ng/ml
alpha-PHP	4.942	2643141	3637.69	273.0	22824.29	482273	860.0803 ng/ml
alpha-PVP	4.363	14782786	3534.84	49.7	1320.70	482273	1078.5967 ng/ml
Alprazolam	5.766	3570092	3148.19	106.4	318.39	65349	1035.2202 ng/ml
Amphetamine	3.043	12535447	96252.50	45.5	204935.04	225501	464.7493 ng/ml
Benzoylcegonine	3.877	527269	12763.09	8.0	616.07	18445	989.2660 ng/ml
Buprenorphine	5.851	357225	615326.85	13.7	43484.31	90835	110.7205 ng/ml
Bupropion	4.785	17196595	183613.66	63.5	69388.31	466753	991.4438 ng/ml
Carisoprodol	5.727	842697	193.67	55.9	148.42	30152	1124.9841 ng/ml
Chlordiazepoxide	5.841	922061	8057.34	173.4 High	4306.25	228014	829.1550 ng/ml
Chlorpheniramine	5.118	18025903	5796.97	0.3	327.69	815622	1008.2214 ng/ml
Citalopram	5.225	7167346	712873.66	36.2	134399.74	254333	1015.7015 ng/ml
Clonazepam	5.601	2537883	43725.03	34.1	27699.78	36884	839.0769 ng/ml
Clonazolam	5.538	810994	268257.16	37.1	378105.80	36884	521.5371 ng/ml
Cocaine	4.264	7935952	926.29	51.5	1449.66	542609	1078.7966 ng/ml
Codeine	2.586	585539	164.69	99.9	14648.70	32081	765.6752 ng/ml
Cyclobenzaprine	5.625	4937035	96934.07	8.2	887.82	162236	1115.6720 ng/ml
Dextromethorphan	5.276	3352443	104940.15	79.1	128483.95	133821	1014.6167 ng/ml
Dextrorphan	4.124	3426659	809.22	218.5	1757.38	385111	1095.4541 ng/ml
Diazepam	5.938	3179864	508.01	87.2	31907.57	121607	968.2464 ng/ml
Dihydrocodeine	2.552	2468077	43521.33	63.2	1177.67	258024	620.2646 ng/ml
Diphenhydramine	5.304	20353891	477228.90	30.4	25025.68	951938	1023.4852 ng/ml
DMT	2.852	590401	1214.05	102.1 High	2092.51	133821	1186.8822 ng/ml
Doxylamine	4.538	27720996	295959.60	97.4	386505.73	1198381	888.3219 ng/ml
Duloxetine	5.644	183363	916.93	12.8	653.72	9171	988.2104 ng/ml
EDDP	5.262	9499635	88724.29	41.5	57289.87	478609	1045.5427 ng/ml
Etizolam	5.804	2183255	3722.93	27.0	27970.52	36884	1380.1318 ng/ml
Fentanyl	5.101	518355	1056.05	65.7	23464.96	365585	85.2370 ng/ml
Flualprazolam	5.695	495871	7655.53	116.1	8832.57	65349	694.5349 ng/ml
Fluorofentanyl	5.169	2160370	200379.34	45.3	987580.15	3258	108.6970 ng/ml
Fluoxetine	5.718	1939716	90614.01	8.0	256.63	64266	1052.6564 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	3653363	∞	36.4	∞	263811	824.2085 ng/ml
Hydromorphone	1.615	3438949	12146727.26	74.2	5557725.30	96405	1016.6298 ng/ml
Hydroxyzine	5.708	5482439	4244.14	77.7	206804.29	133821	1351.9739 ng/ml
Ketamine	4.043	8078829	101078.06	36.9	32295.69	361926	748.2212 ng/ml
Lamotrigine	4.287	359556	2214.70	86.1	22772.00	721632	849.1338 ng/ml
Lorazepam	5.737	763260	379456.36	57.1	709.61	55677	972.3632 ng/ml
MDA	3.184	5757994	2657.46	19.2	30039.52	165206	593.2577 ng/ml
MDMA	3.294	8143519	378354.75	73.7	15194.28	91322	914.4949 ng/ml
Meprobamate	4.895	717946	276.21	24.7	2053.21	111094	402.9881 ng/ml
Methadone	5.656	14172266	170372.20	45.2	34244.35	392759	1036.0844 ng/ml
Methamphetamine	3.212	12774043	149286.25	37.4	66857.30	979019	677.0978 ng/ml
Metoprolol	4.327	1406404	692981.65	107.8	4035.89	931583	680.6992 ng/ml
Mirtazapine	4.627	19880283	19616.86	48.3	17962.39	482273	1149.8481 ng/ml
Mitragynine	5.236	1741477	59424.62	38.9	29781.87	392759	841.7082 ng/ml
Morphine	1.253	520160	∞	24.4	56.14	9036	961.7029 ng/ml
Norbuprenorphine	4.997	39745	335.99	81.8	3541.11	15690	100.0440 ng/ml
Nordiazepam	5.884	1827569	77184.51	61.5	3301.31	52155	1013.0053 ng/ml
Norfentanyl	4.085	1320607	94475.26	38.1	17354.83	233563	180.1257 ng/ml
Norhydrocodone	3.067	426510	∞	42.5	670.60	36340	1356.8951 ng/ml
Noroxycodone	2.911	2156940	12888.50	48.9	2222.47	58268	982.5390 ng/ml
O-desmethyl-tramadol	3.375	22688719	∞	5.9	407.49	1187464	1016.7047 ng/ml
o-desmethylvenlafaxine	4.079	24506315	122259.03	15.6	15776.78	140379	1107.5433 ng/ml
Olanzapine	4.468	6557777	17280.59	58.0	7391.40	159907	936.6054 ng/ml
Oxazepam	5.740	899163	169.98	74.9	85.78	55677	1032.6760 ng/ml
Oxycodone	2.822	6175427	1710.87	30.5	∞	334349	723.9943 ng/ml
Oxymorphone	1.411	2796931	653.84	46.5	1146.57	80504	944.7892 ng/ml
Phentermine	3.774	3564618	∞	3.8	510.57	711916	622.2596 ng/ml
Promethazine	5.541	14413426	254001.25	29.6	54010.38	547486	1019.7508 ng/ml
Pseudoephedrine	2.583	21870302	118545.29	14.1	65353.67	721632	1092.6337 ng/ml
Quetiapine	5.564	8770676	150398.52	58.8	78140.80	119490	909.1420 ng/ml
Sertraline	5.780	812265	20449.03	96.0	1835770.72	30383	1039.5044 ng/ml
Temazepam	5.814	2194746	∞	31.0	2132.60	136928	964.2285 ng/ml
Tramadol	4.239	14671049	∞	3.8	668.77	931583	721.2365 ng/ml
Trazodone	5.162	12747204	568480.62	71.0	874635.43	342327	1062.8388 ng/ml
Venlafaxine	5.043	17608079	8636900.20	32.4	4132.00	912895	1084.0340 ng/ml
Zolpidem	4.919	16790529	257525.35	27.8	3595.71	1087940	813.6862 ng/ml

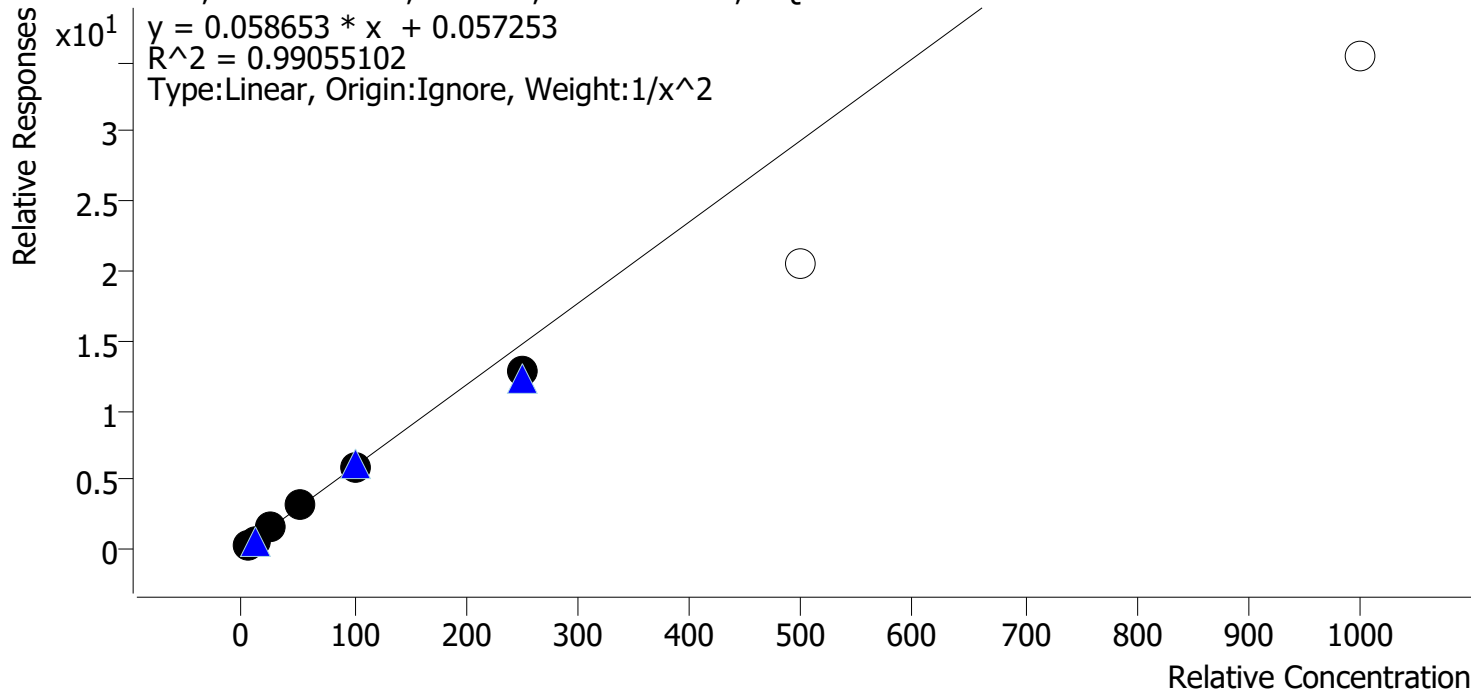
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.7	106.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	217.0	86.8
p1 Cal 7-500ng	7	x	500.0	346.9	69.4
p1 Cal 8-1000ng	8	x	1000.0	602.1	60.2

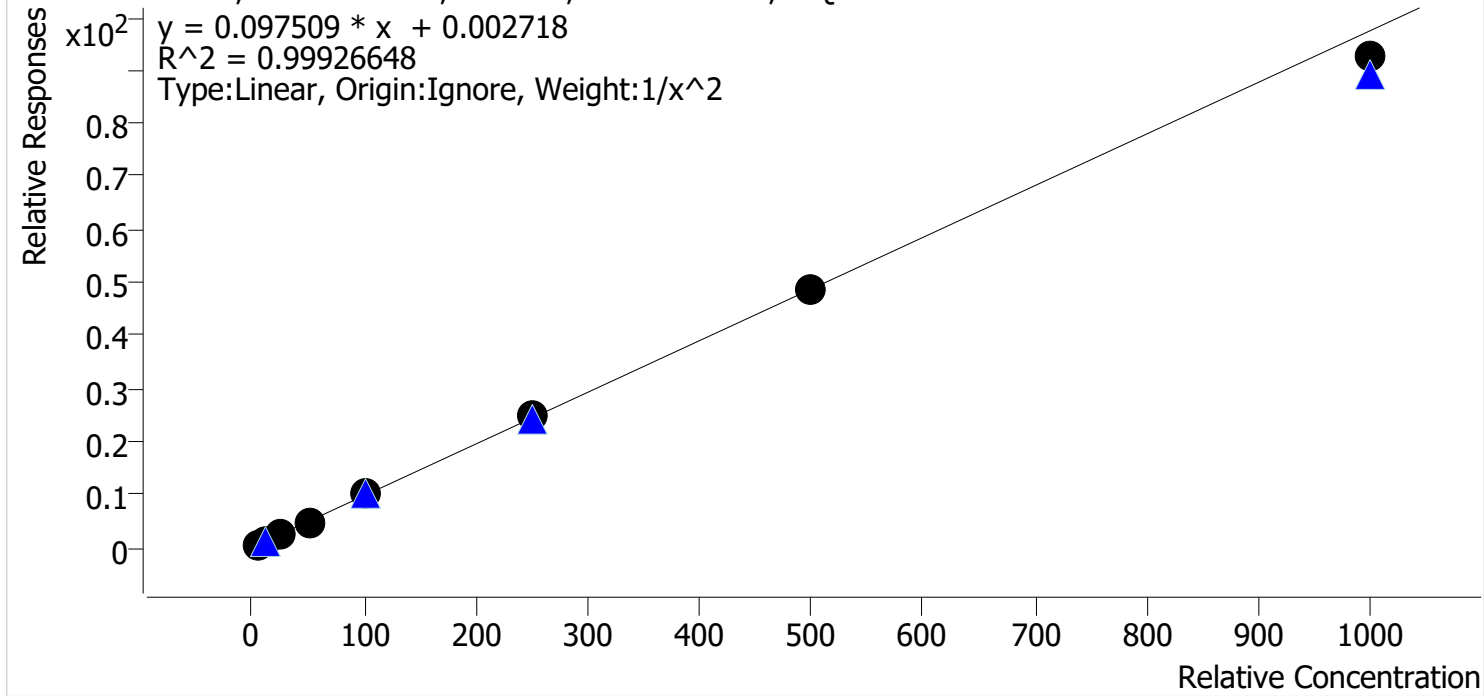
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	495.6	99.1
p1 Cal 8-1000ng	8	✓	1000.0	949.9	95.0

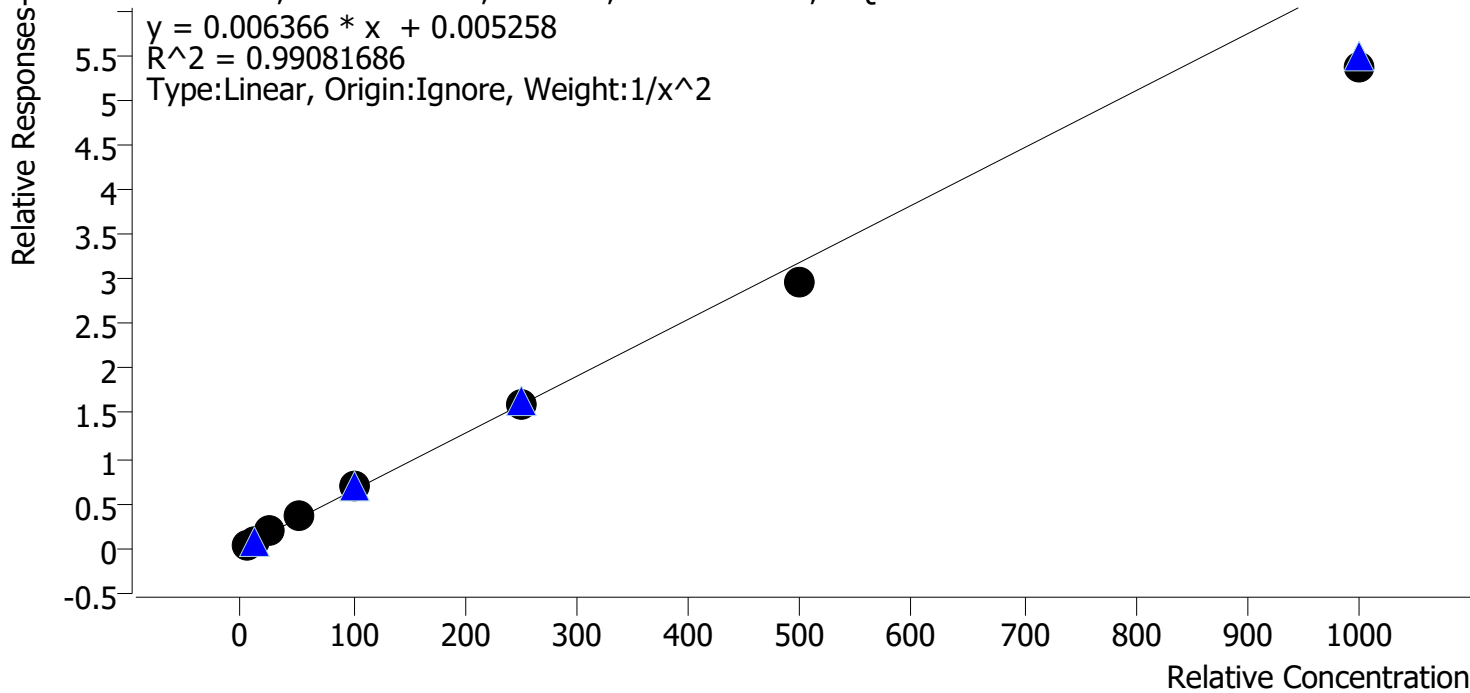
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	53.7	107.3
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	466.4	93.3
p1 Cal 8-1000ng	8	✓	1000.0	841.4	84.1

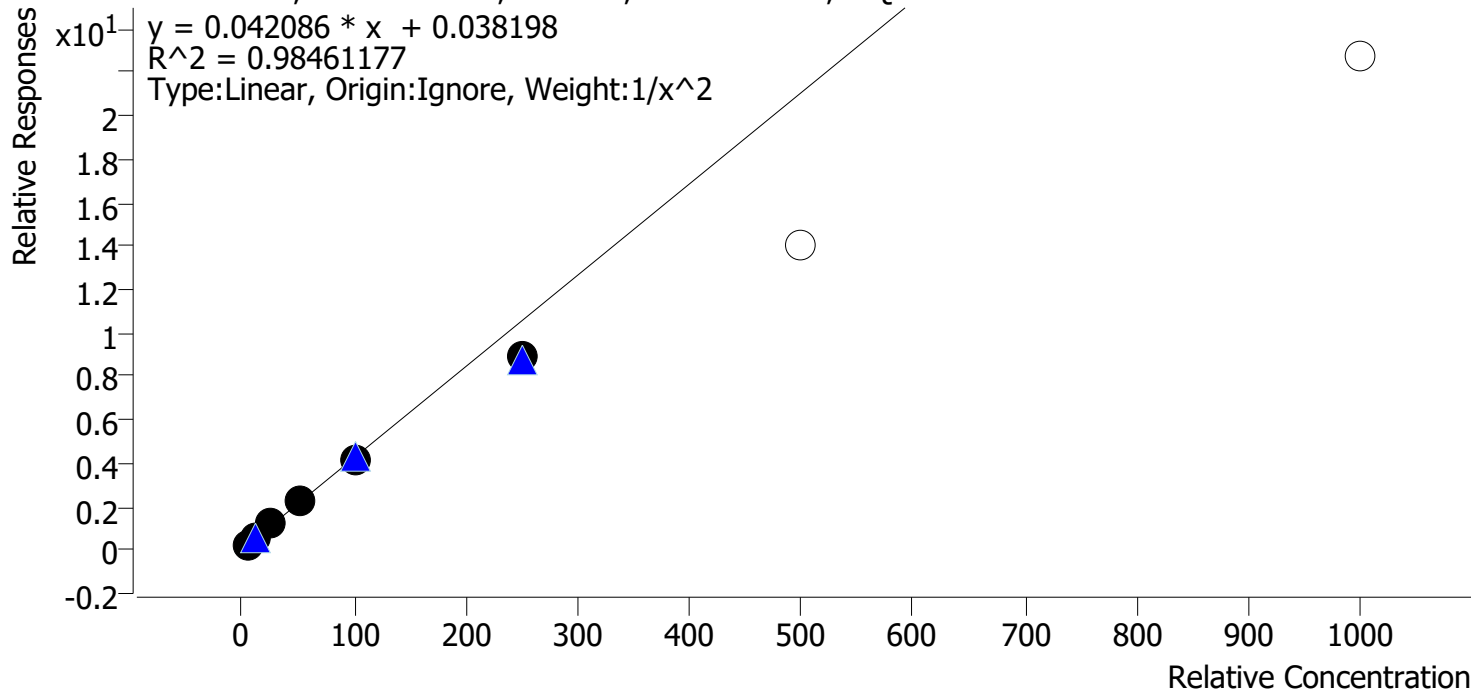
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.6
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	28.1	112.4
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	95.7	95.7
p1 Cal 6-250ng	6	✓	250.0	211.6	84.7
p1 Cal 7-500ng	7	x	500.0	331.1	66.2
p1 Cal 8-1000ng	8	x	1000.0	539.4	53.9

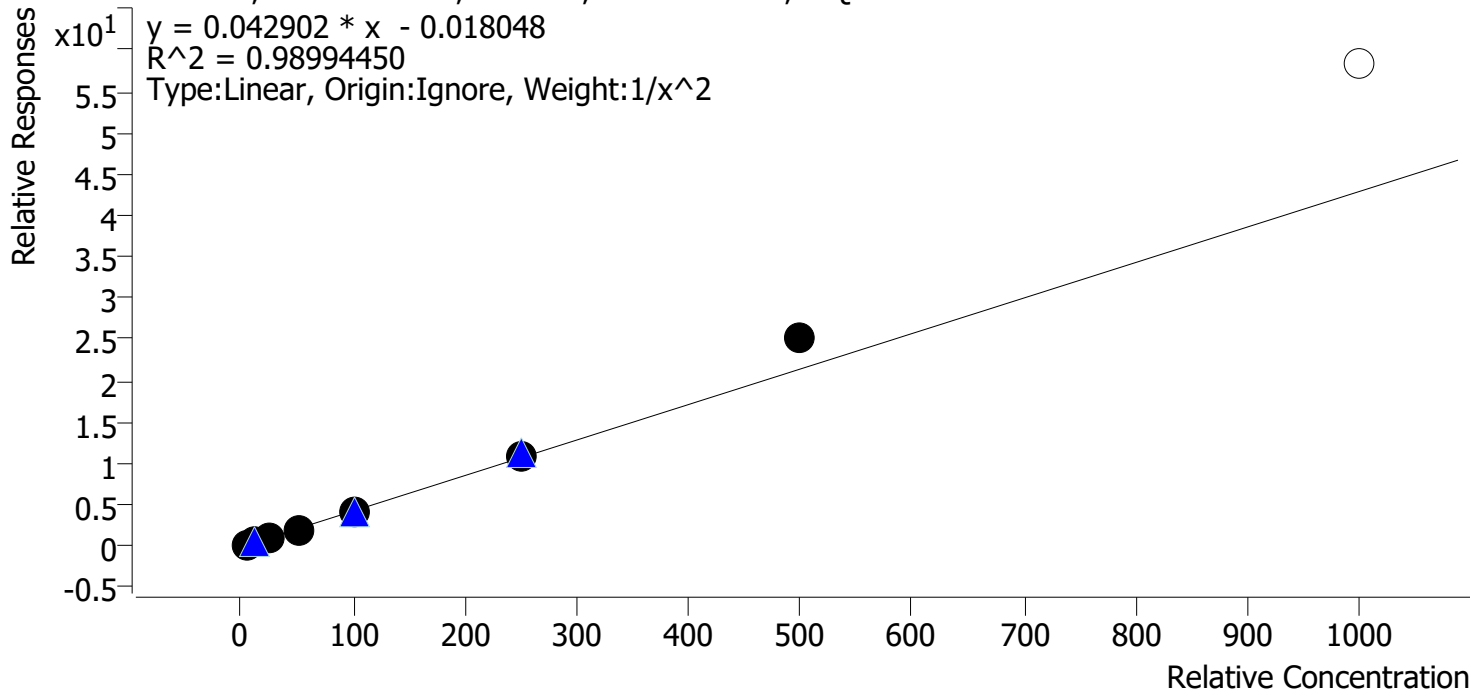
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



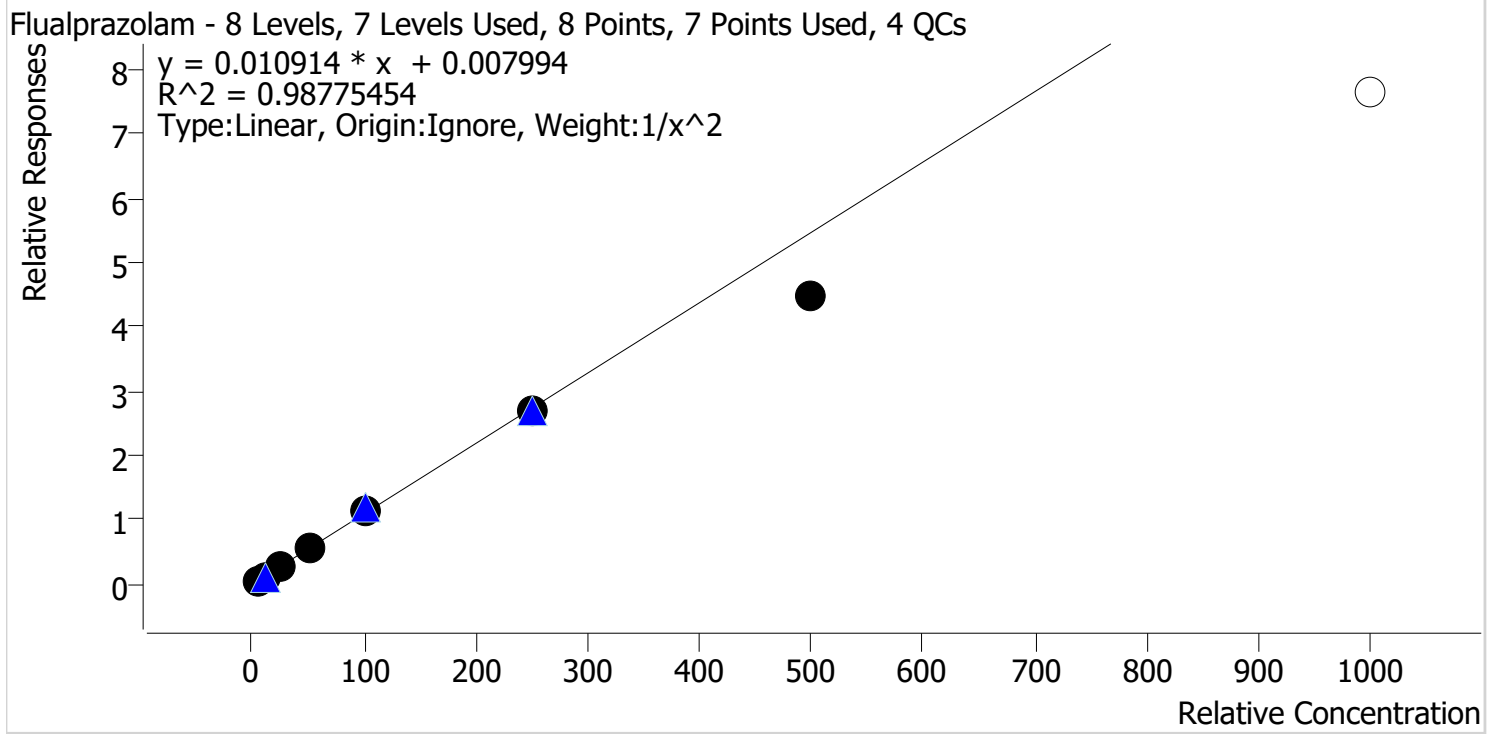
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	45.8	91.6
p1 Cal 5-100ng	5	✓	100.0	95.3	95.3
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	587.4	117.5
p1 Cal 8-1000ng	8	✗	1000.0	1357.7	135.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	52.6	105.3
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	246.8	98.7
p1 Cal 7-500ng	7	✓	500.0	408.0	81.6
p1 Cal 8-1000ng	8	✗	1000.0	698.7	69.9

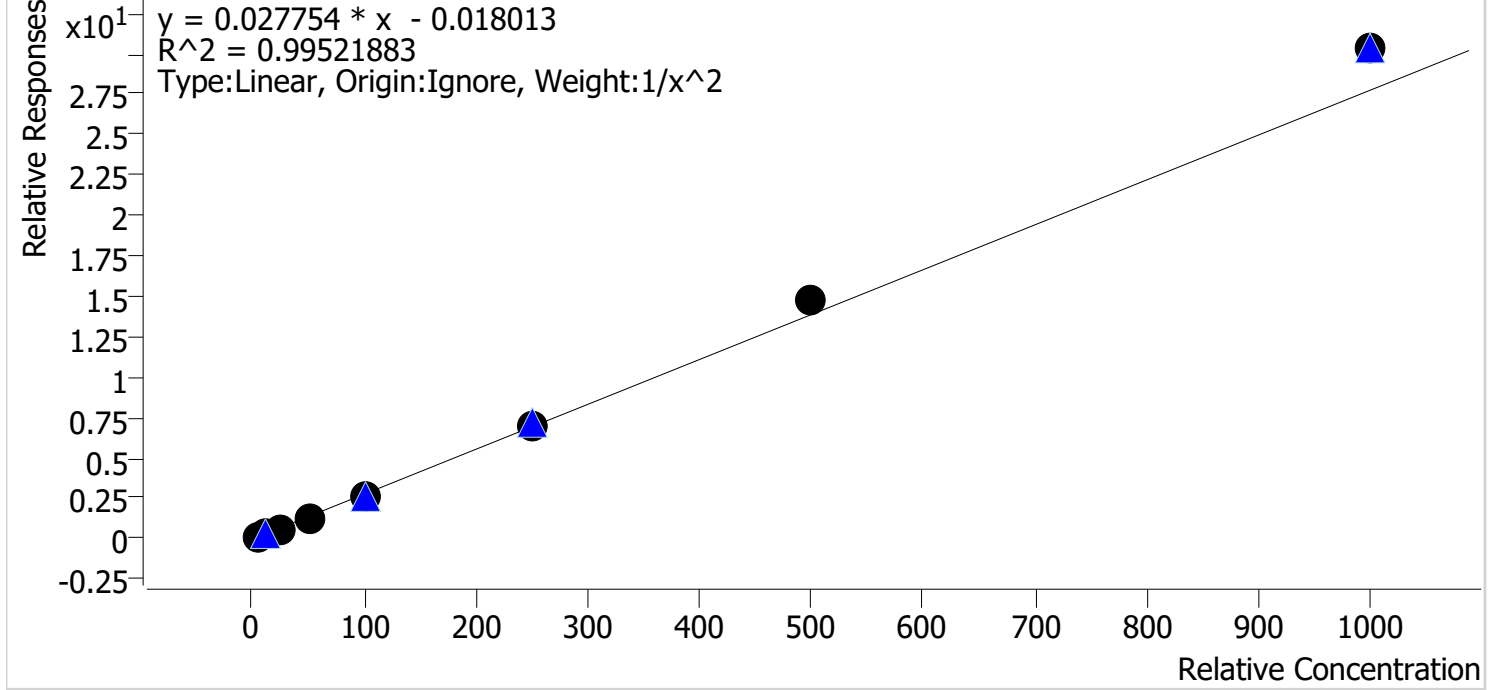
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	46.2	92.5
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1092.7	109.3

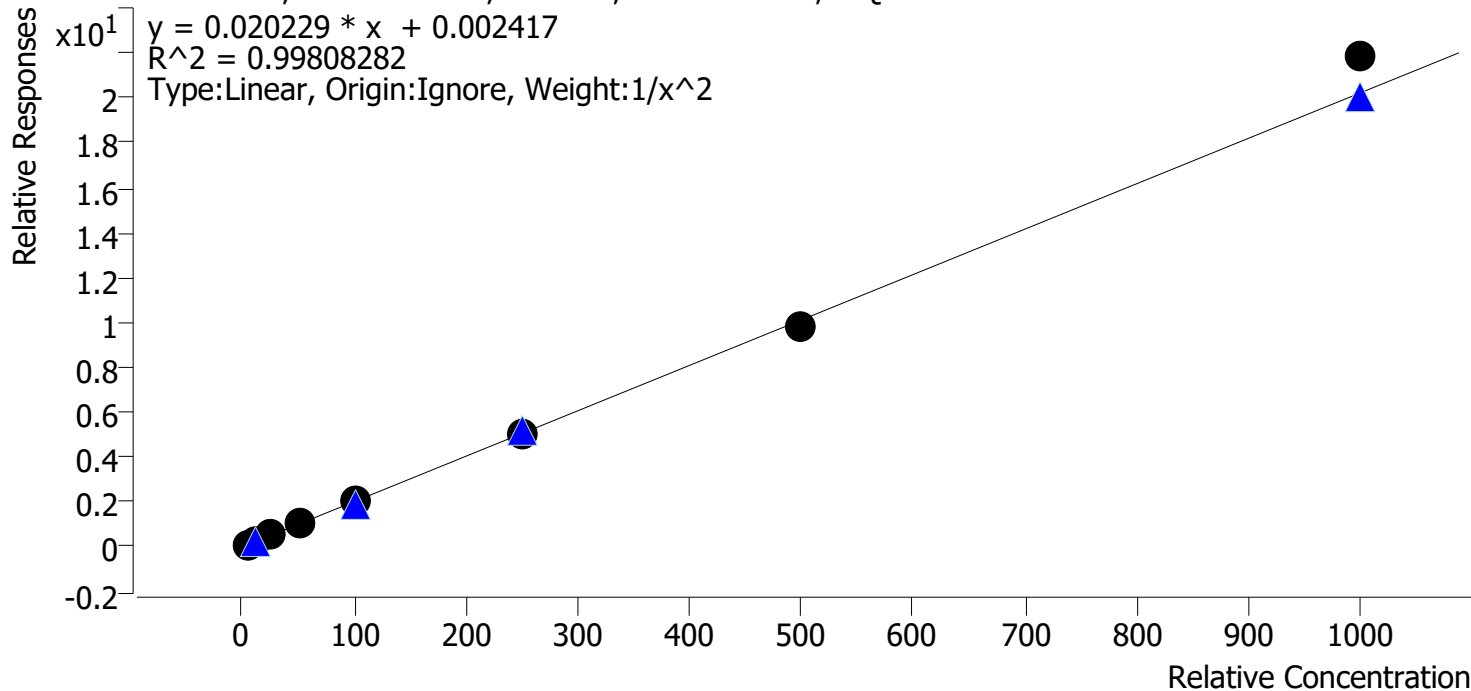
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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



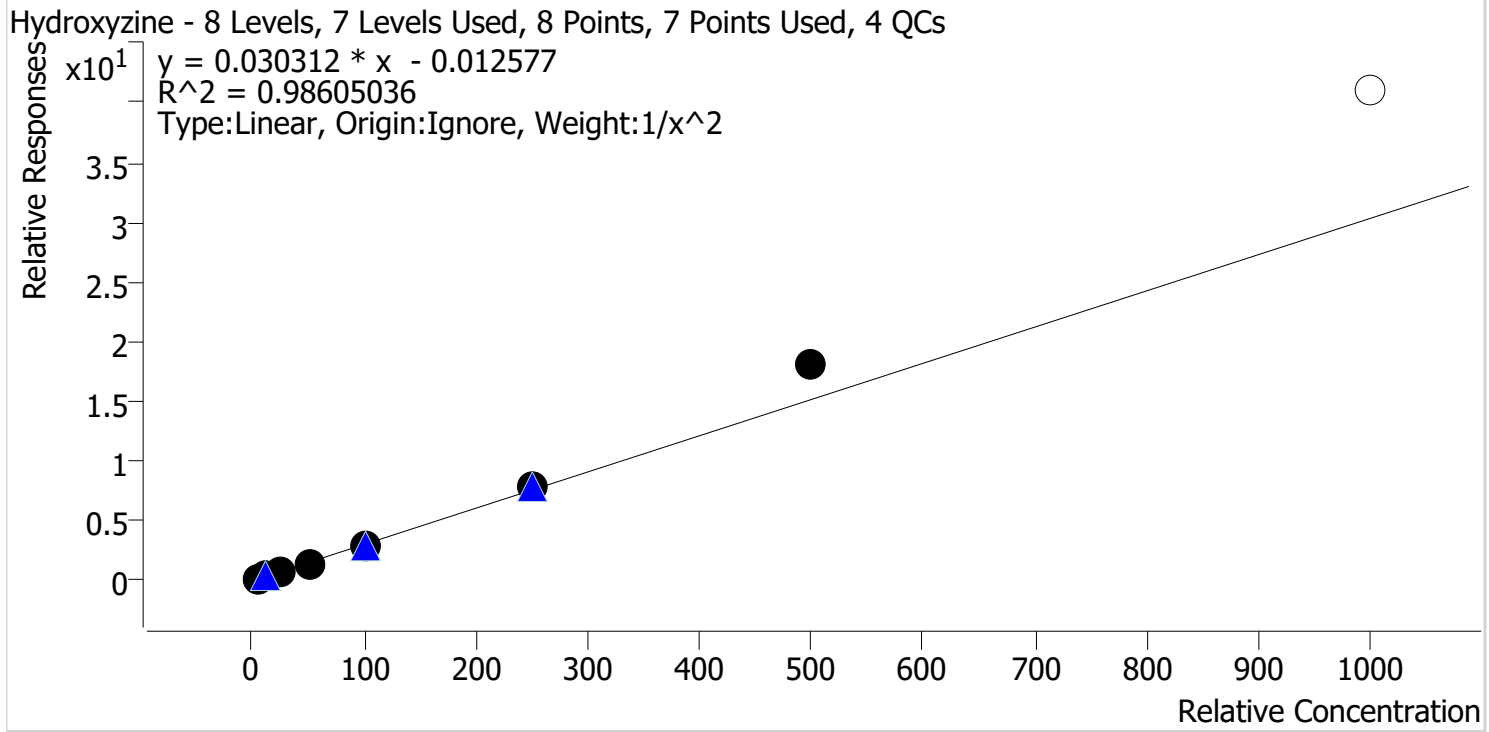
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	50.3	100.6
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	482.7	96.5
p1 Cal 8-1000ng	8	✓	1000.0	1080.0	108.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



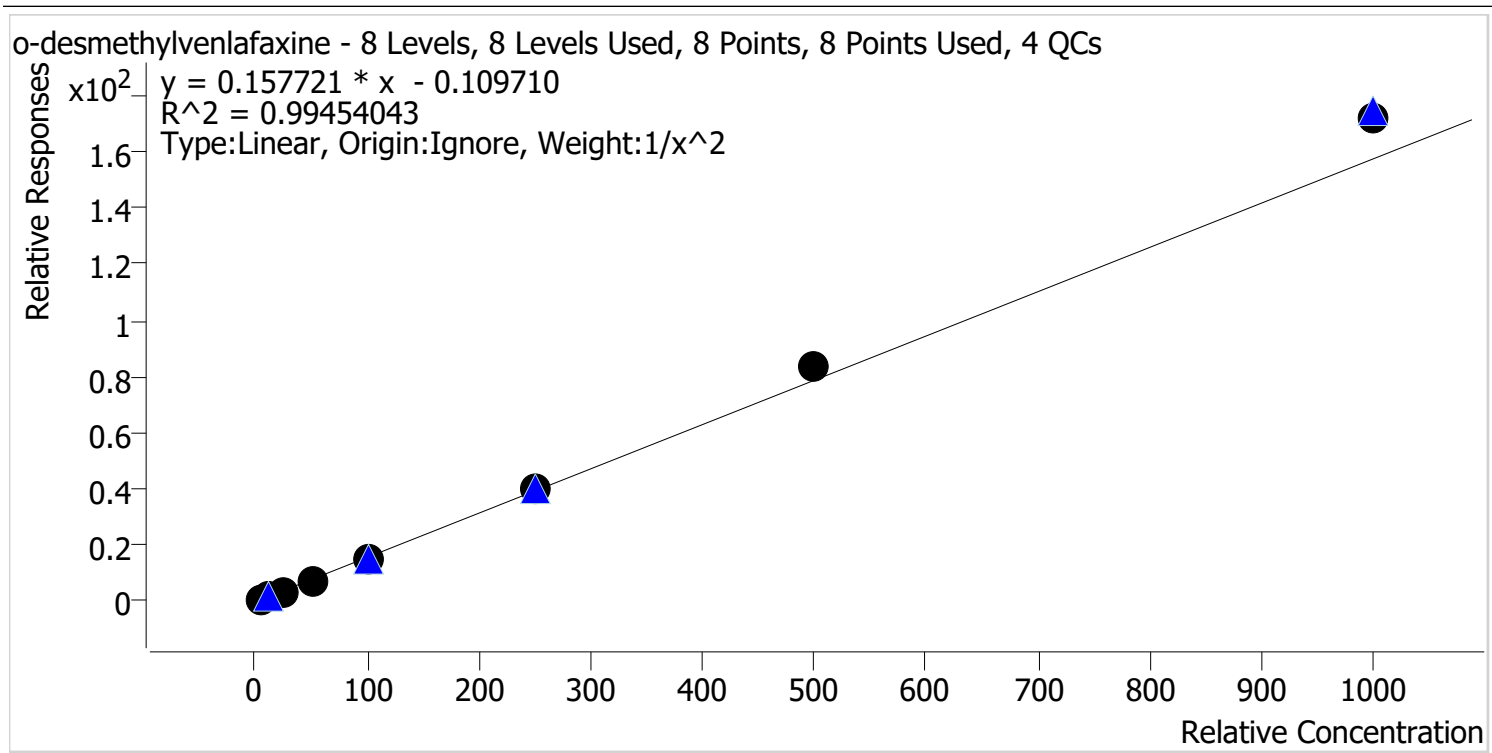
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.5
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	22.1	88.6
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	595.3	119.1
p1 Cal 8-1000ng	8	✗	1000.0	1353.0	135.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	46.1	92.2
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	532.7	106.5
p1 Cal 8-1000ng	8	✓	1000.0	1095.2	109.5

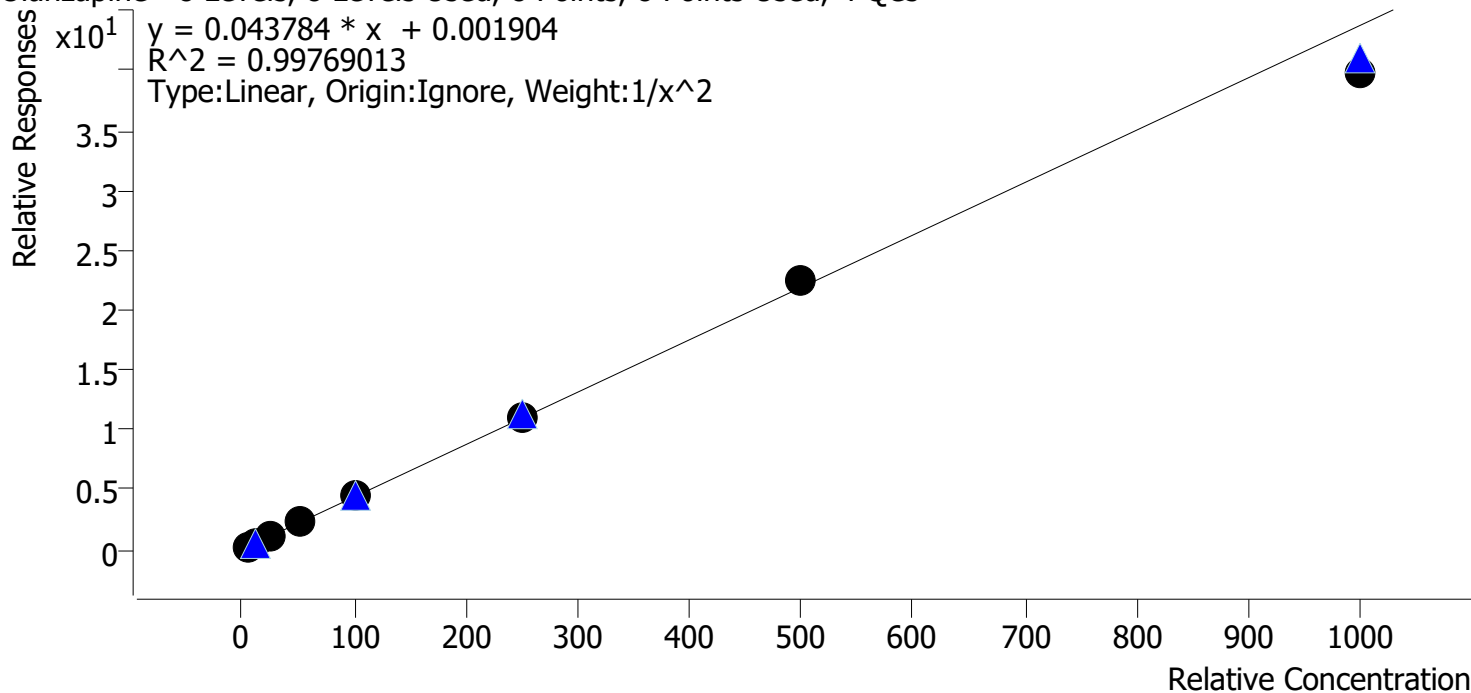
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng	6	✓	250.0	254.1	101.7
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	906.8	90.7

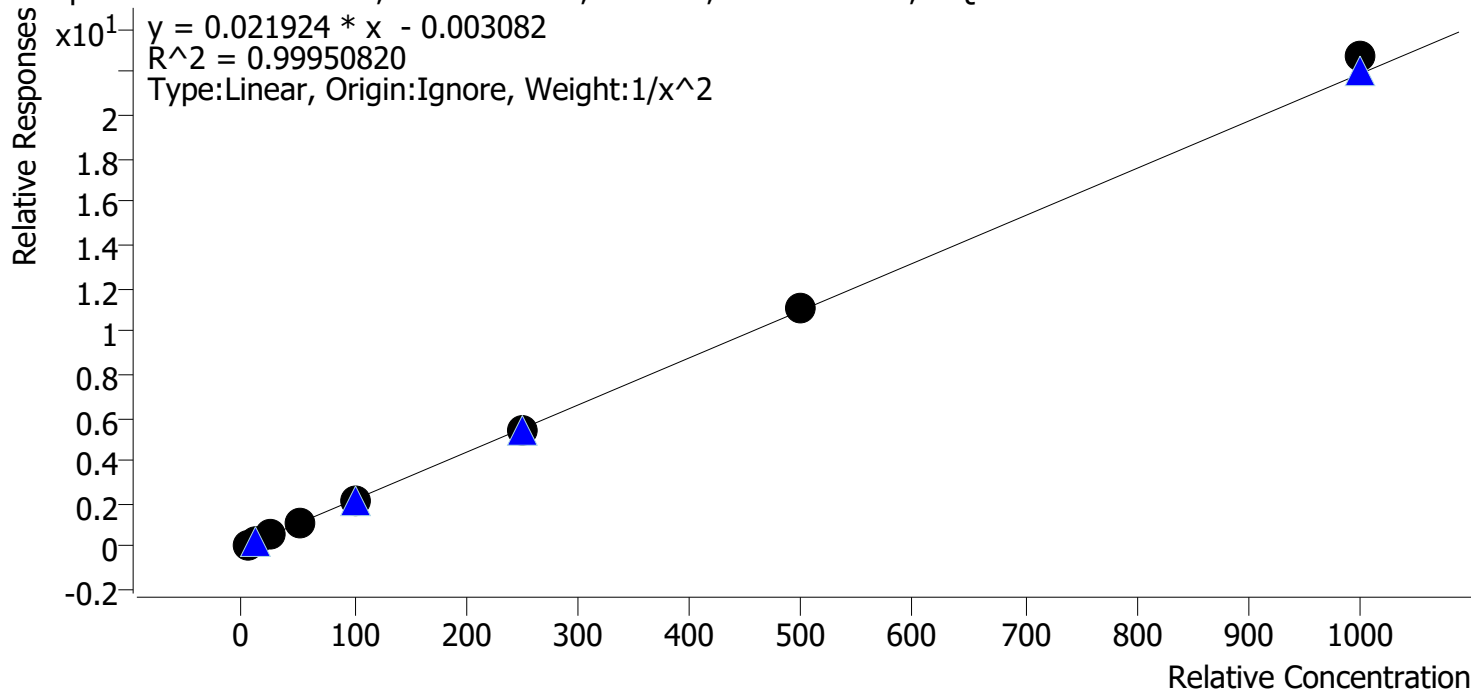
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



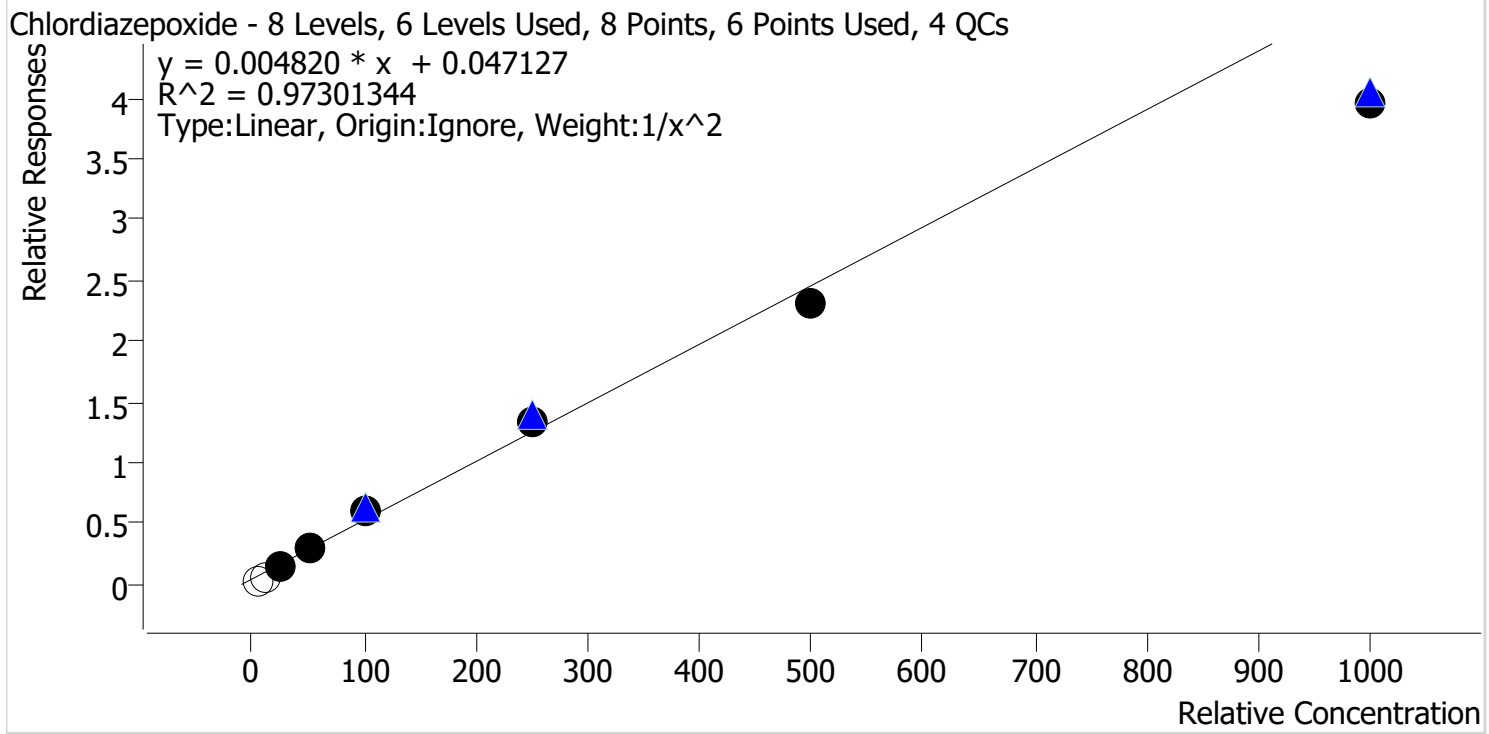
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	48.3	96.7
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	248.9	99.6
p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1036.4	103.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	0.0	0.0
p1 Cal 2-10ng	2	x	10.0	3.5	35.1
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.8
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	117.8	117.8
p1 Cal 6-250ng	6	✓	250.0	268.9	107.5
p1 Cal 7-500ng	7	✓	500.0	470.6	94.1
p1 Cal 8-1000ng	8	✓	1000.0	811.7	81.2

Compound not evaluated due to ratios.

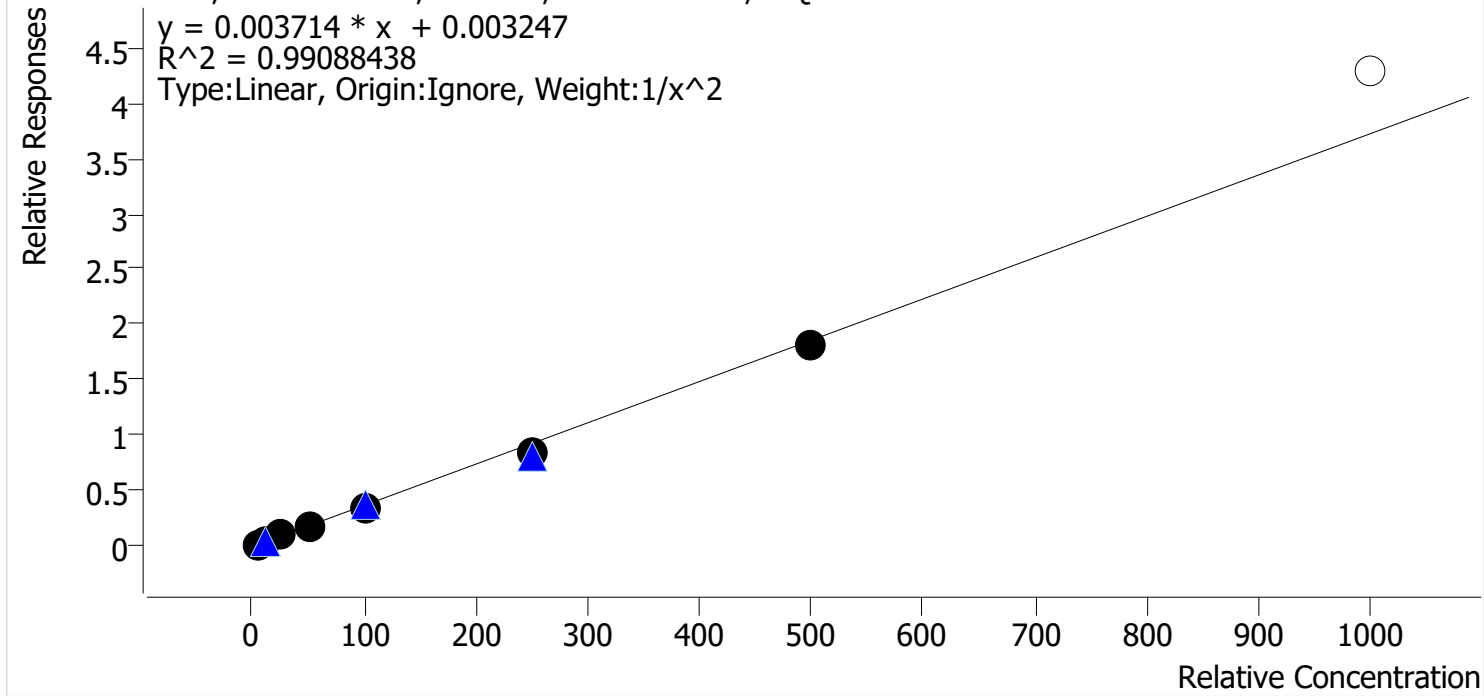
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	28.5	113.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	92.5	92.5
p1 Cal 6-250ng	6	✓	250.0	229.0	91.6
p1 Cal 7-500ng	7	✓	500.0	491.3	98.3
p1 Cal 8-1000ng	8	x	1000.0	1156.4	115.6

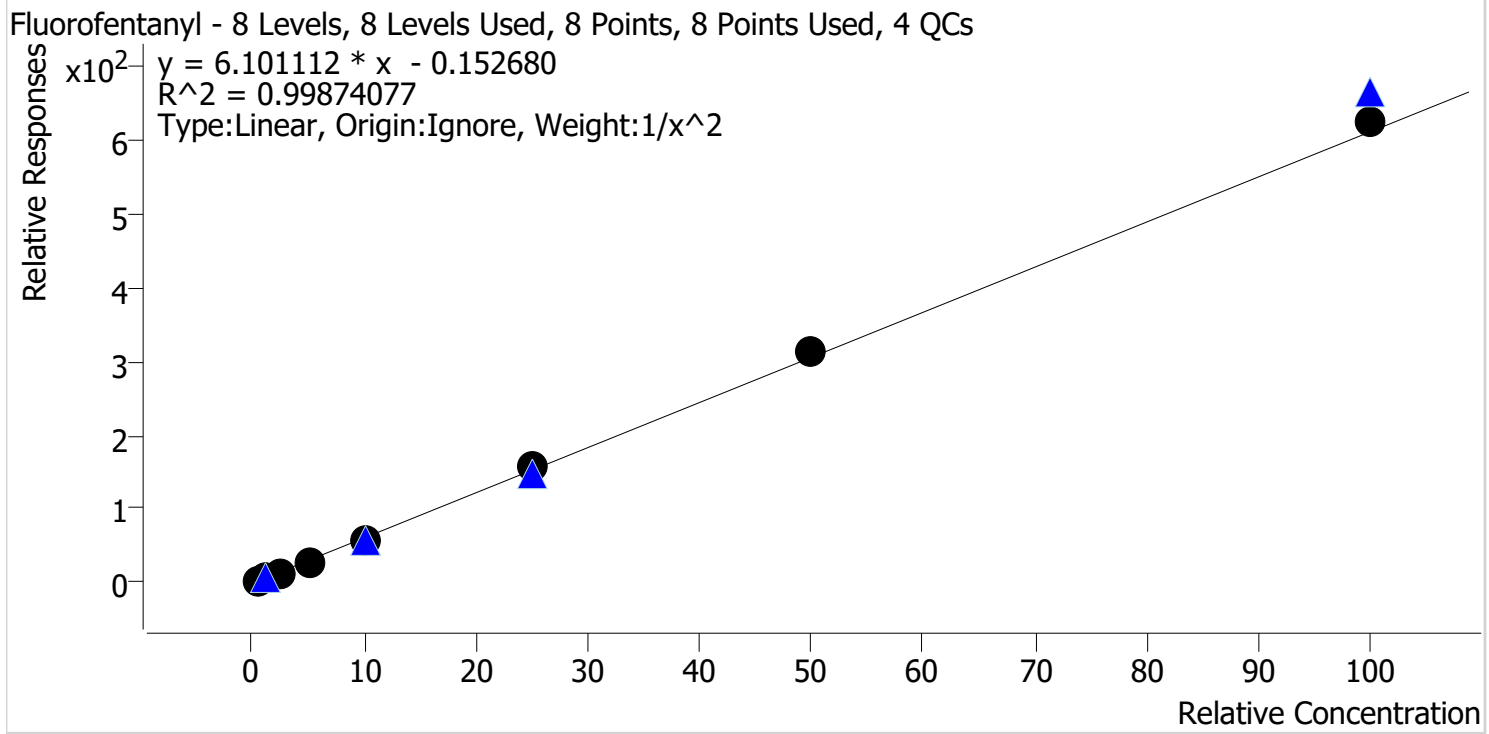
Compound not evaluated due to ratios.

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.6
p1 Cal 5-100ng	5	✓	10.0	9.7	97.4
p1 Cal 6-250ng	6	✓	25.0	26.1	104.5
p1 Cal 7-500ng	7	✓	50.0	51.1	102.1
p1 Cal 8-1000ng	8	✓	100.0	102.5	102.5

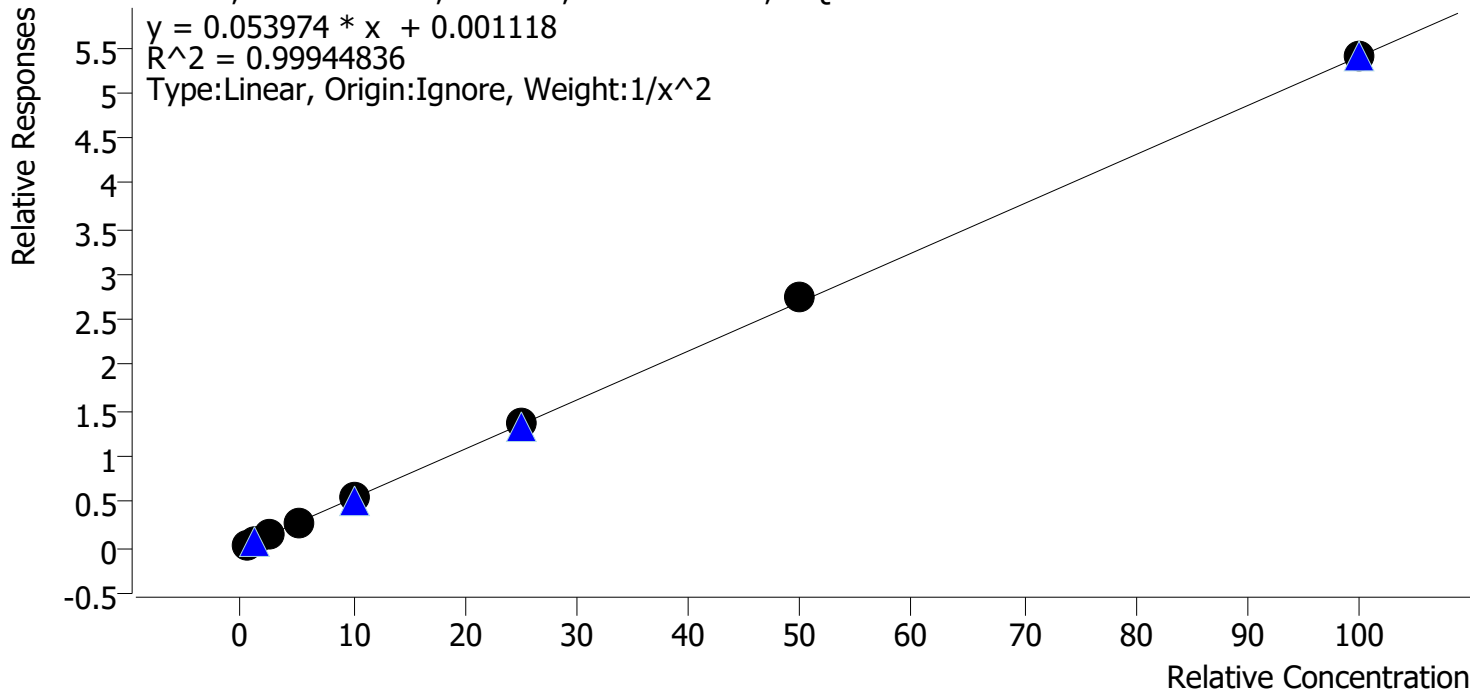
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



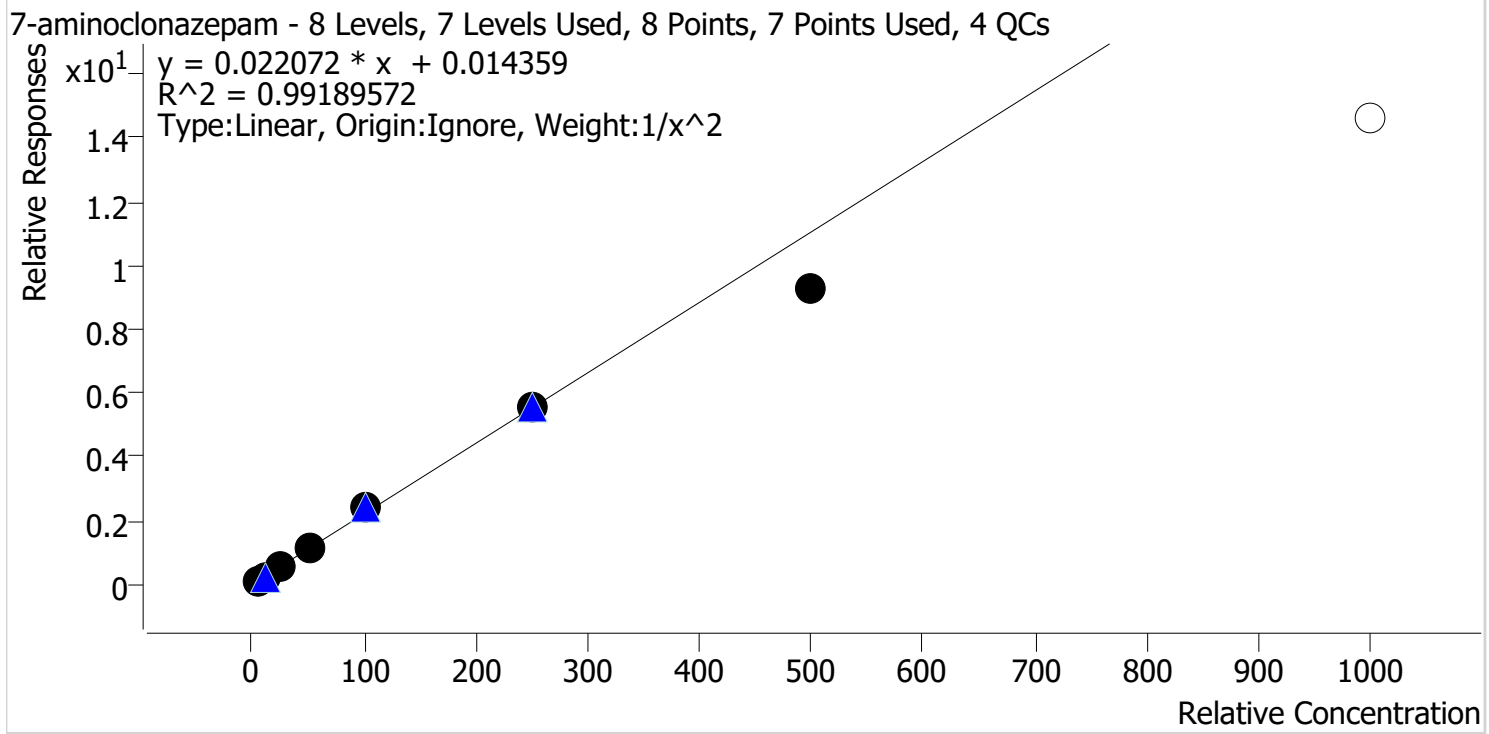
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.5
p1 Cal 4-50ng	4	✓	5.0	5.0	100.1
p1 Cal 5-100ng	5	✓	10.0	9.9	99.2
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	51.1	102.1
p1 Cal 8-1000ng	8	✓	100.0	99.8	99.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	420.9	84.2
p1 Cal 8-1000ng	8	✗	1000.0	664.2	66.4

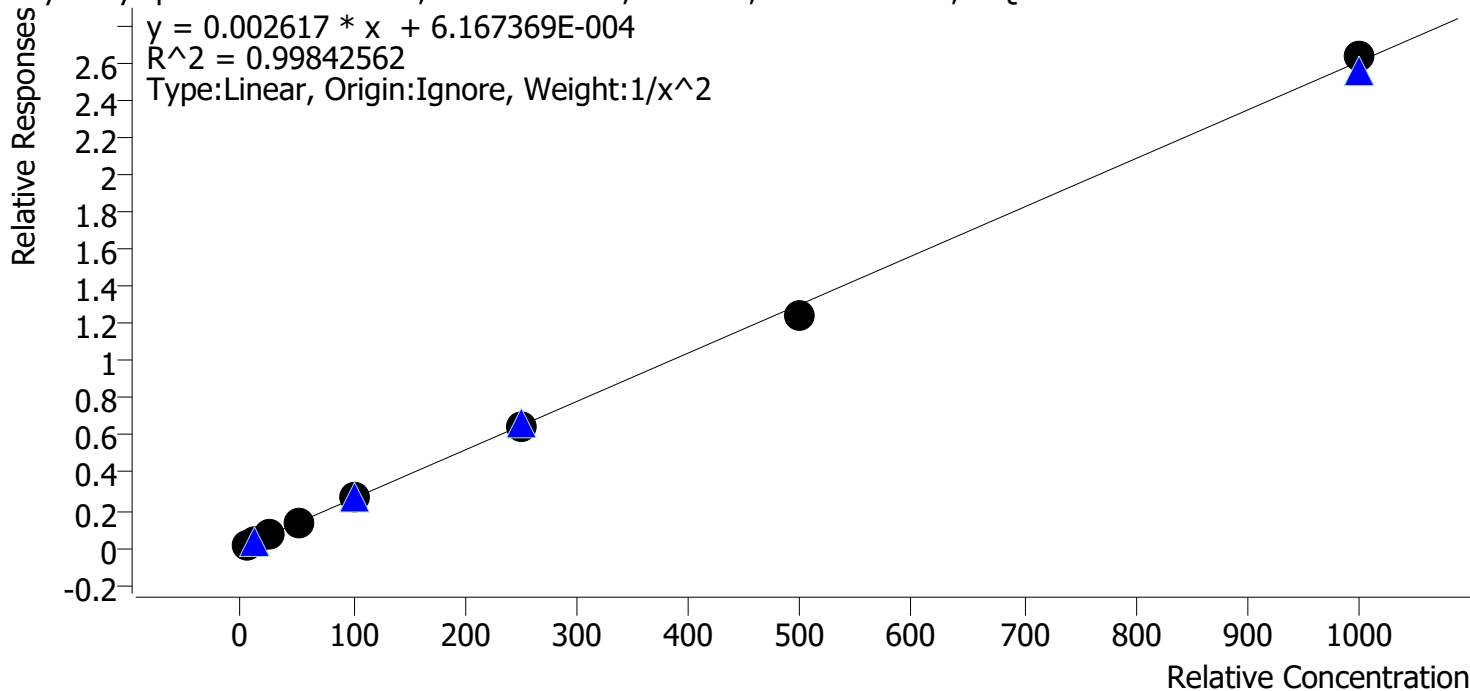
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	246.2	98.5
p1 Cal 7-500ng	7	✓	500.0	476.8	95.4
p1 Cal 8-1000ng	8	✓	1000.0	1010.2	101.0

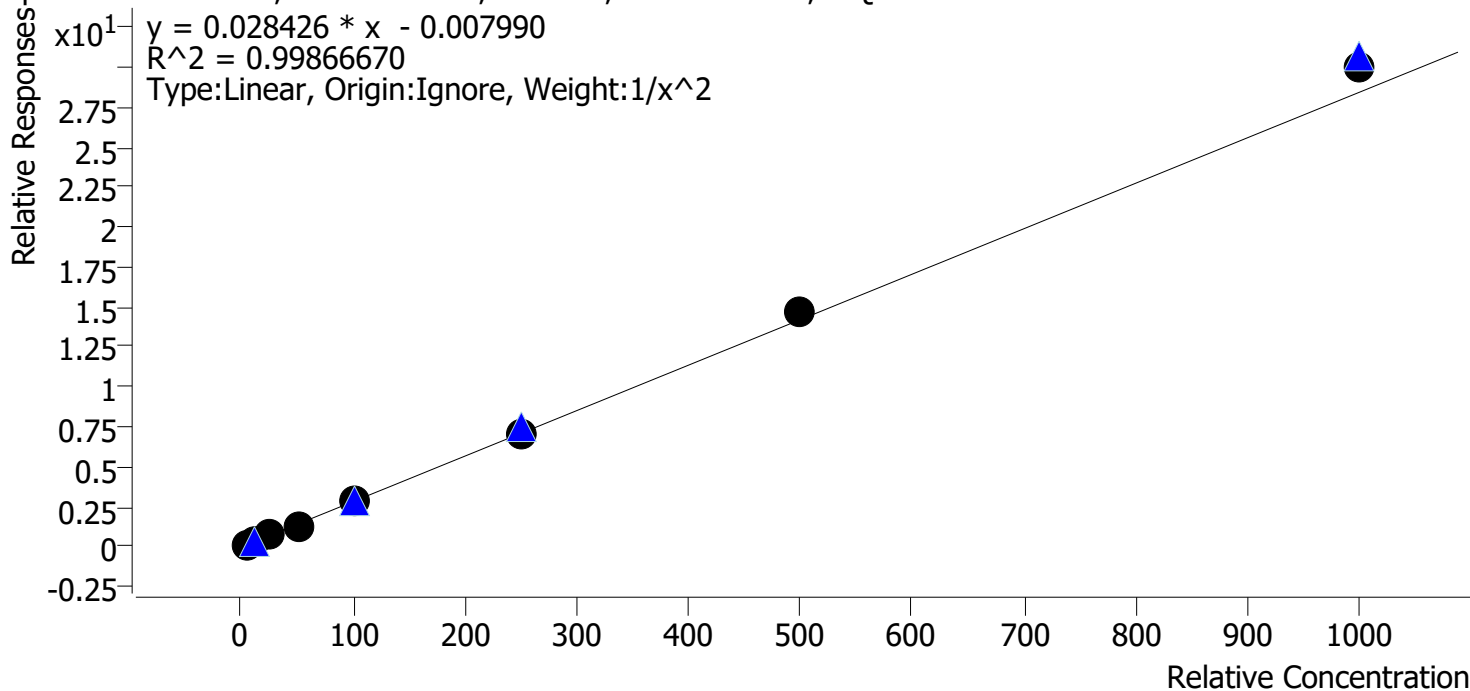
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1055.5	105.6

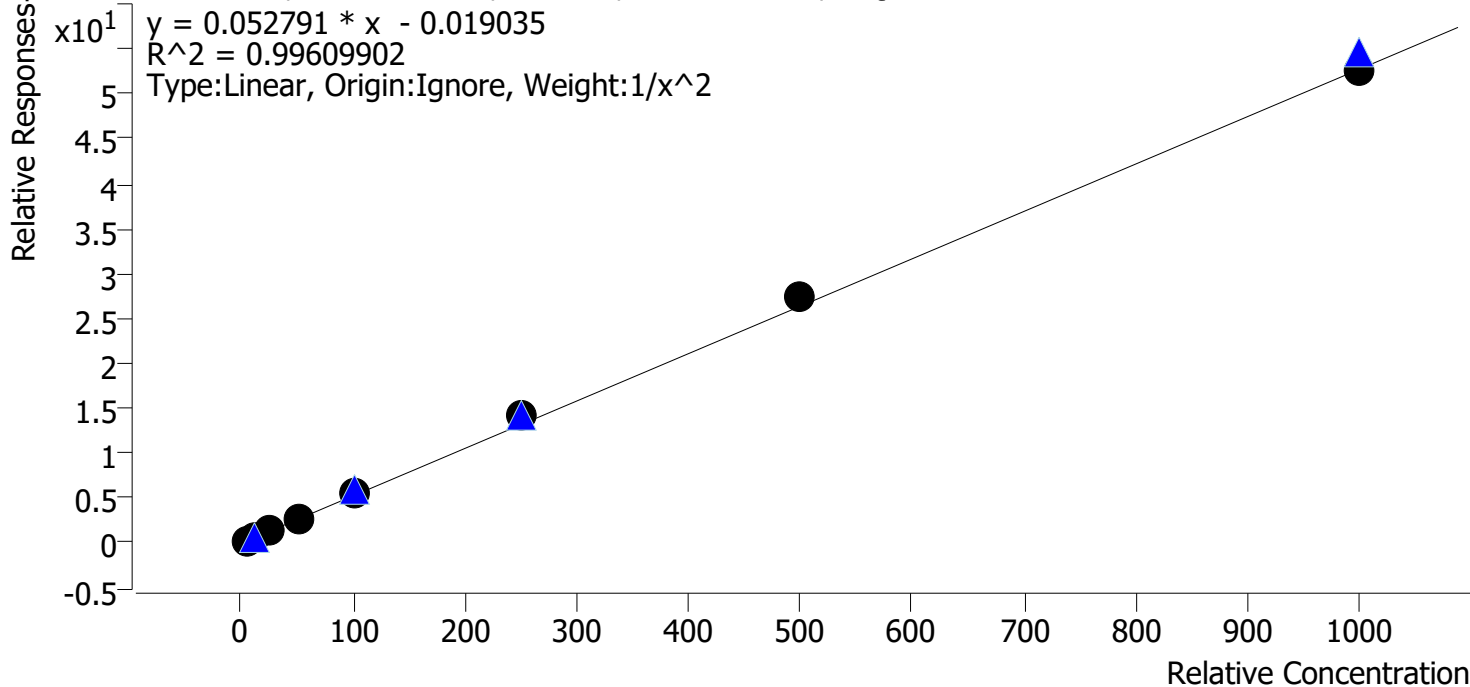
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.3	93.4
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.1	94.1
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	268.9	107.6
p1 Cal 7-500ng	7	✓	500.0	519.2	103.8
p1 Cal 8-1000ng	8	✓	1000.0	994.3	99.4

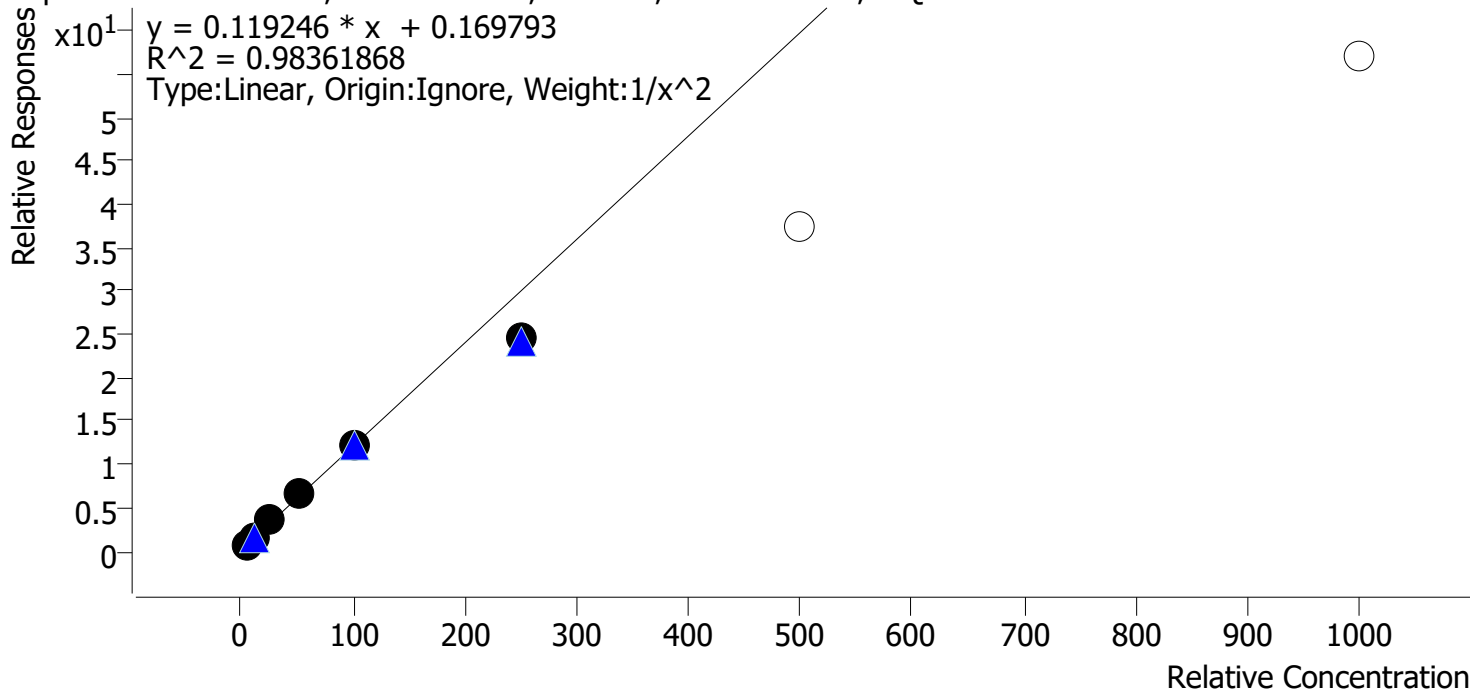
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



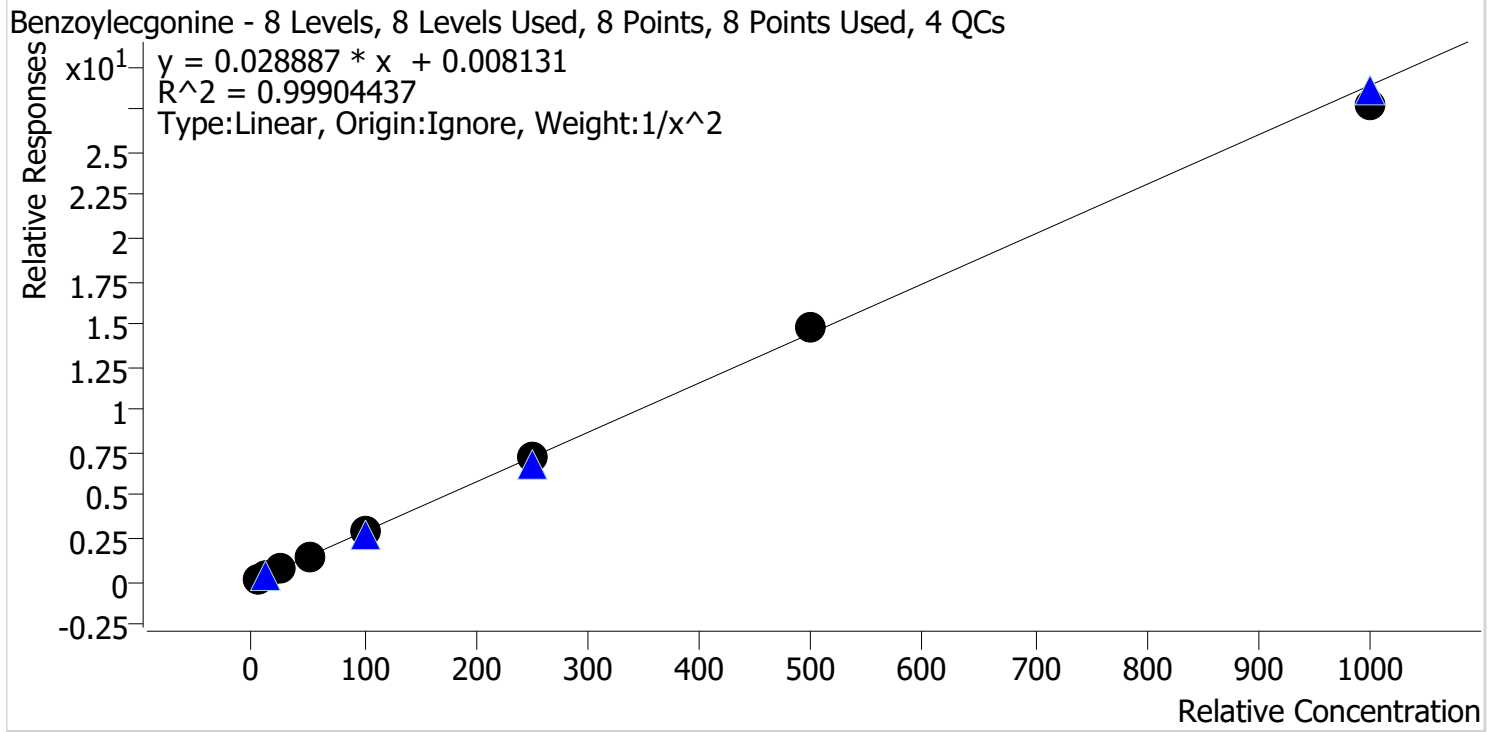
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.6	106.4
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	205.2	82.1
p1 Cal 7-500ng	7	x	500.0	311.6	62.3
p1 Cal 8-1000ng	8	x	1000.0	476.7	47.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



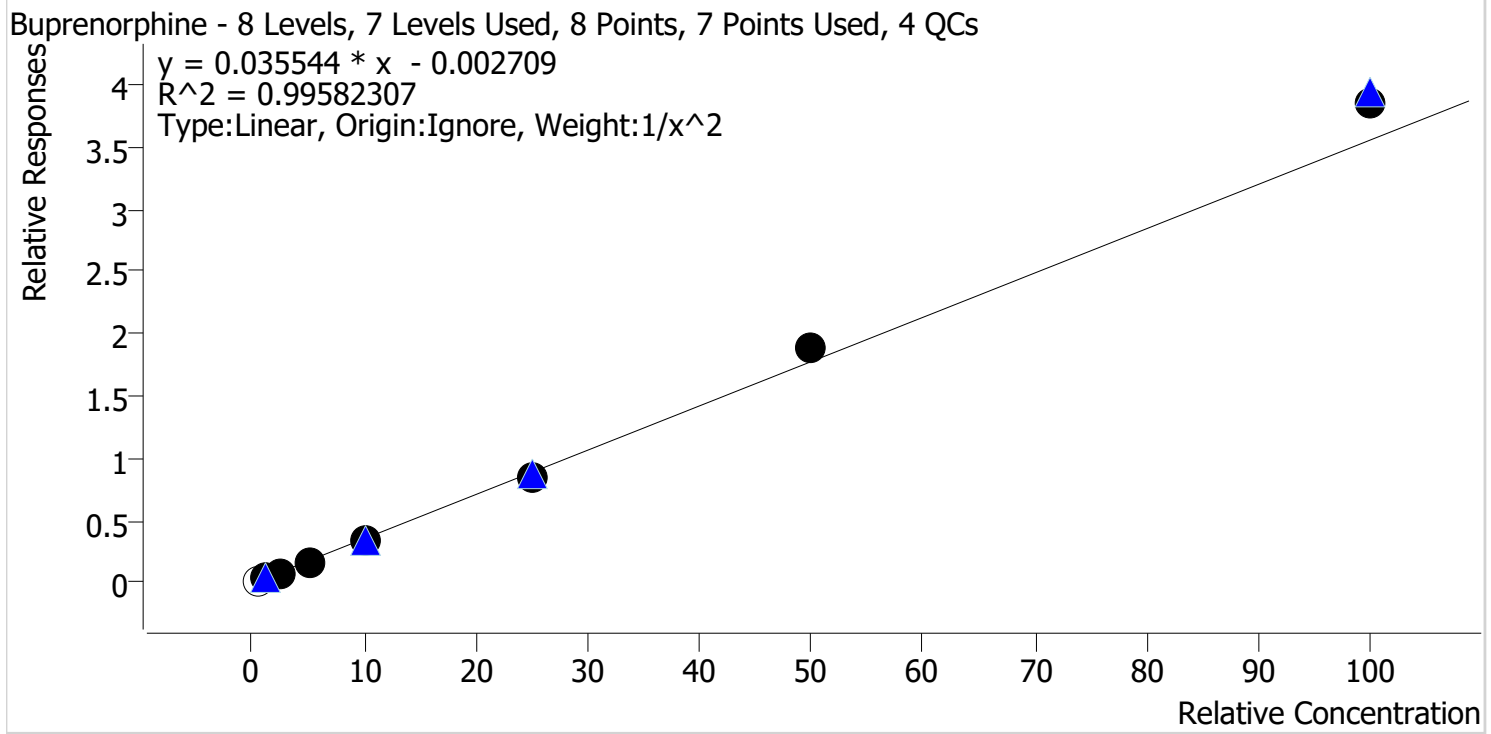
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	512.1	102.4
p1 Cal 8-1000ng	8	✓	1000.0	961.0	96.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



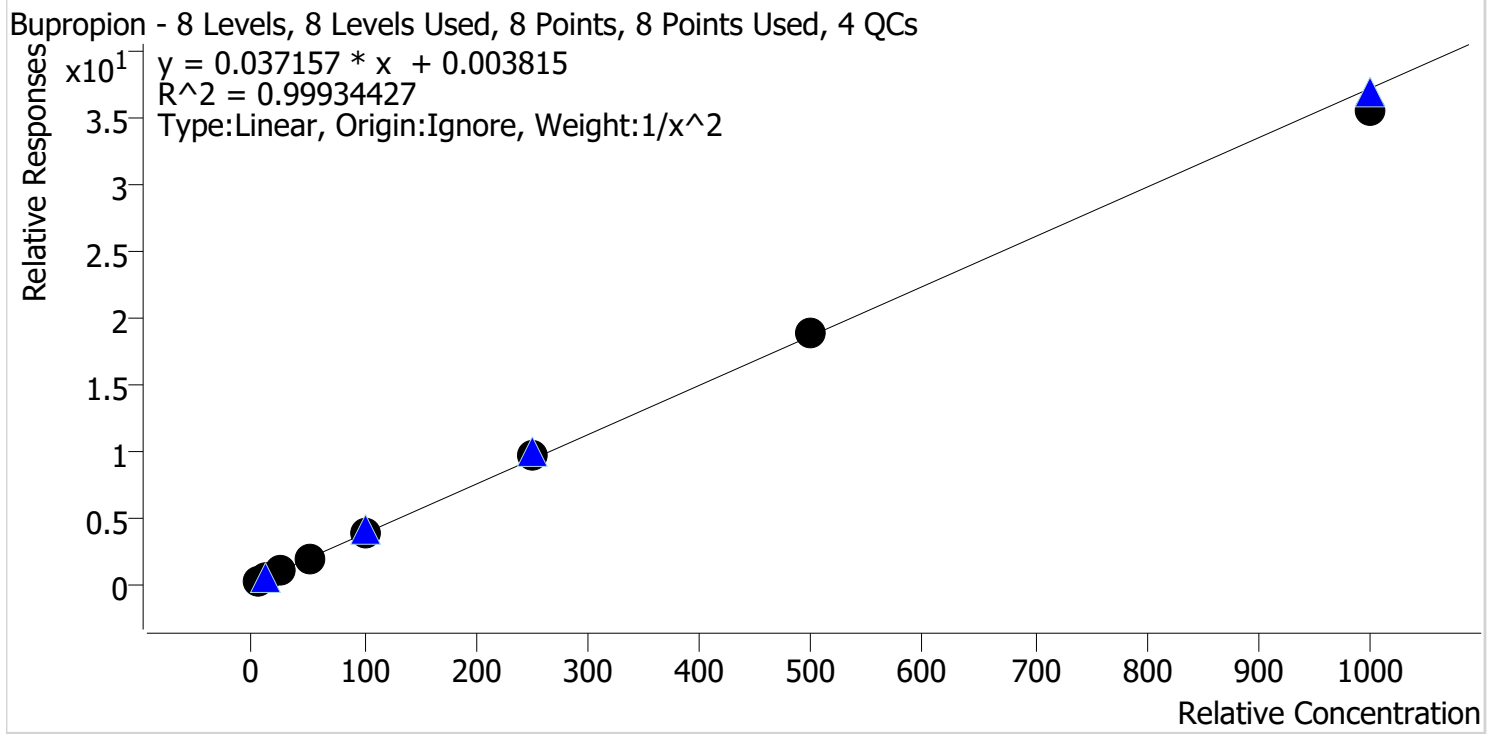
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.5	106.4
p1 Cal 2-10ng	2	✓	1.0	1.0	103.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.4
p1 Cal 4-50ng	4	✓	5.0	4.8	96.2
p1 Cal 5-100ng	5	✓	10.0	9.6	95.6
p1 Cal 6-250ng	6	✓	25.0	24.2	96.7
p1 Cal 7-500ng	7	✓	50.0	52.8	105.5
p1 Cal 8-1000ng	8	✓	100.0	108.2	108.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



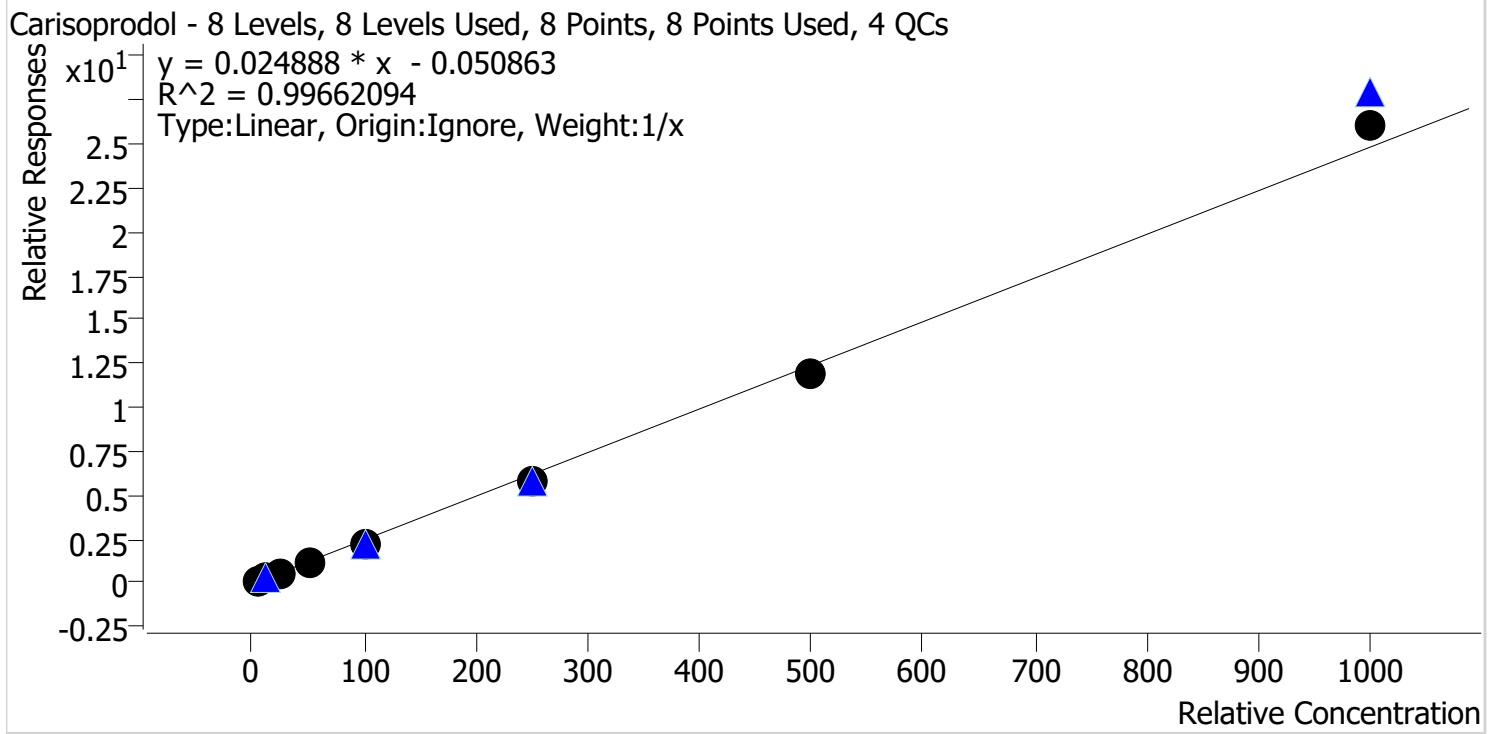
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.6
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	505.0	101.0
p1 Cal 8-1000ng	8	✓	1000.0	955.9	95.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	6.4	127.1
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.1
p1 Cal 4-50ng	4	✓	50.0	44.9	89.8
p1 Cal 5-100ng	5	✓	100.0	90.9	90.9
p1 Cal 6-250ng	6	✓	250.0	234.5	93.8
p1 Cal 7-500ng	7	✓	500.0	480.5	96.1
p1 Cal 8-1000ng	8	✓	1000.0	1049.2	104.9

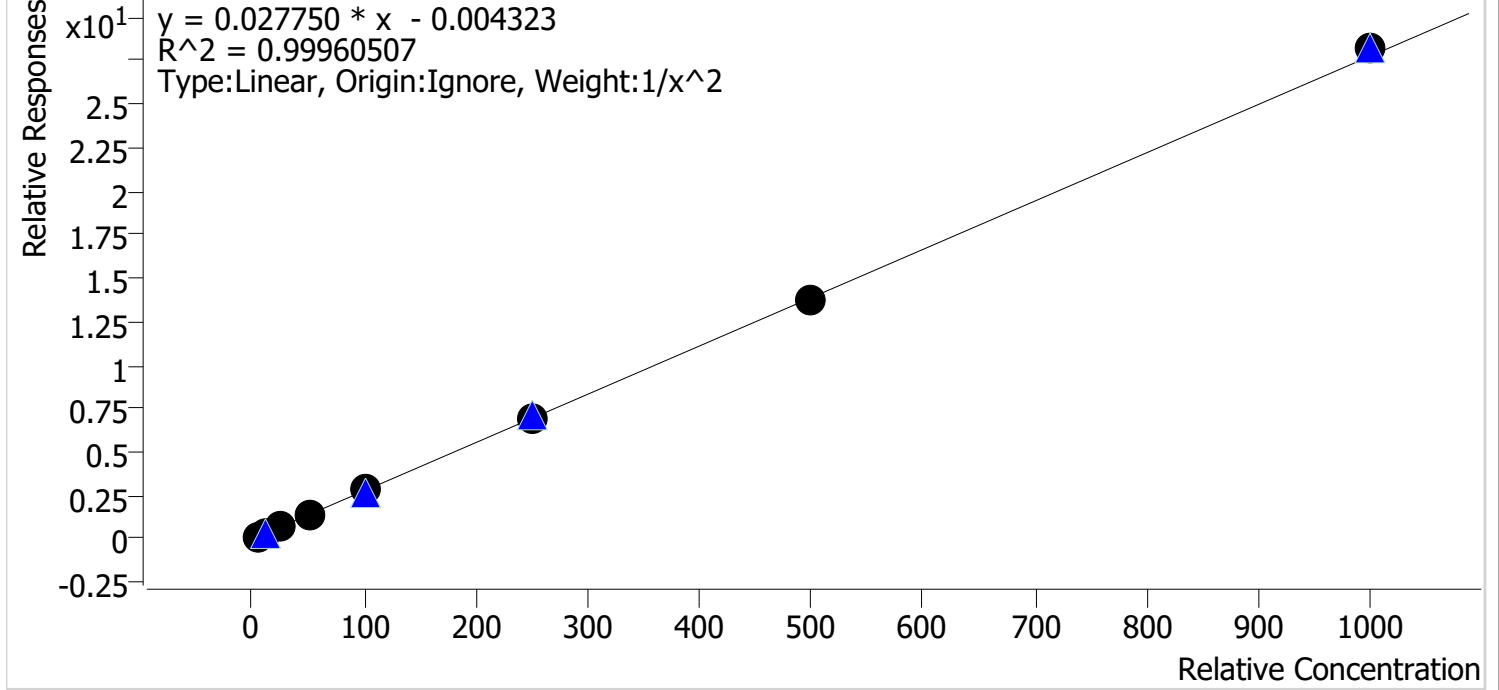
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



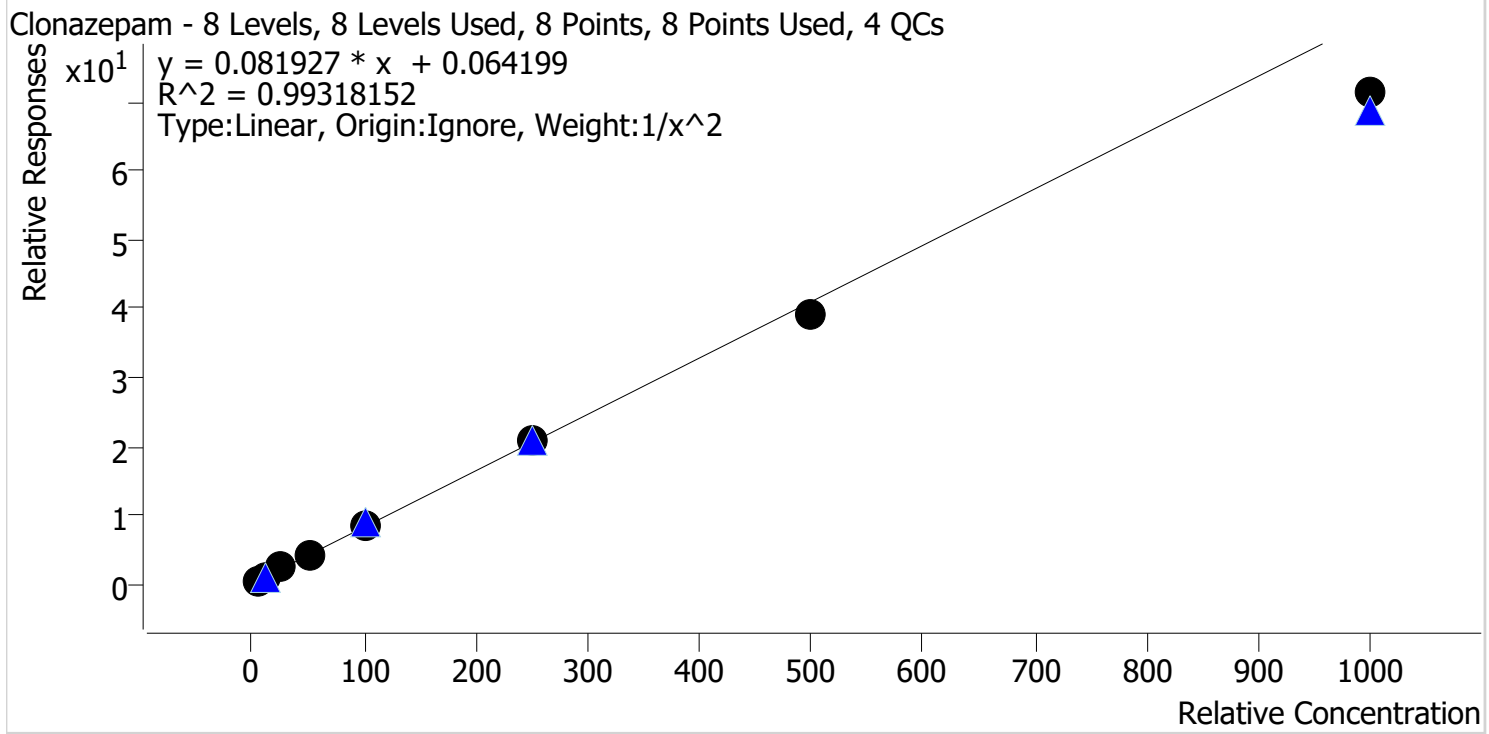
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	252.4	100.9
p1 Cal 7-500ng	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng	8	✓	1000.0	1013.1	101.3

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.7
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	474.7	94.9
p1 Cal 8-1000ng	8	✓	1000.0	870.9	87.1

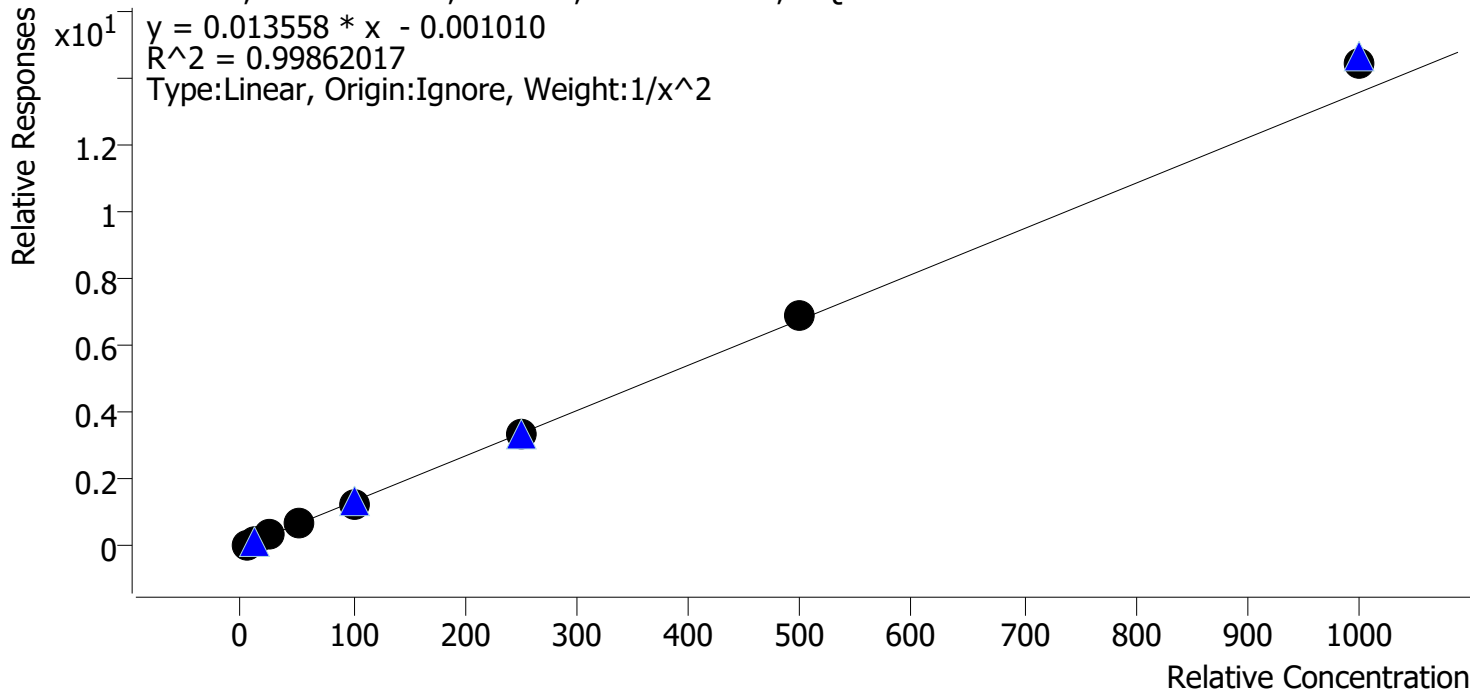
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	509.0	101.8
p1 Cal 8-1000ng	8	✓	1000.0	1067.7	106.8

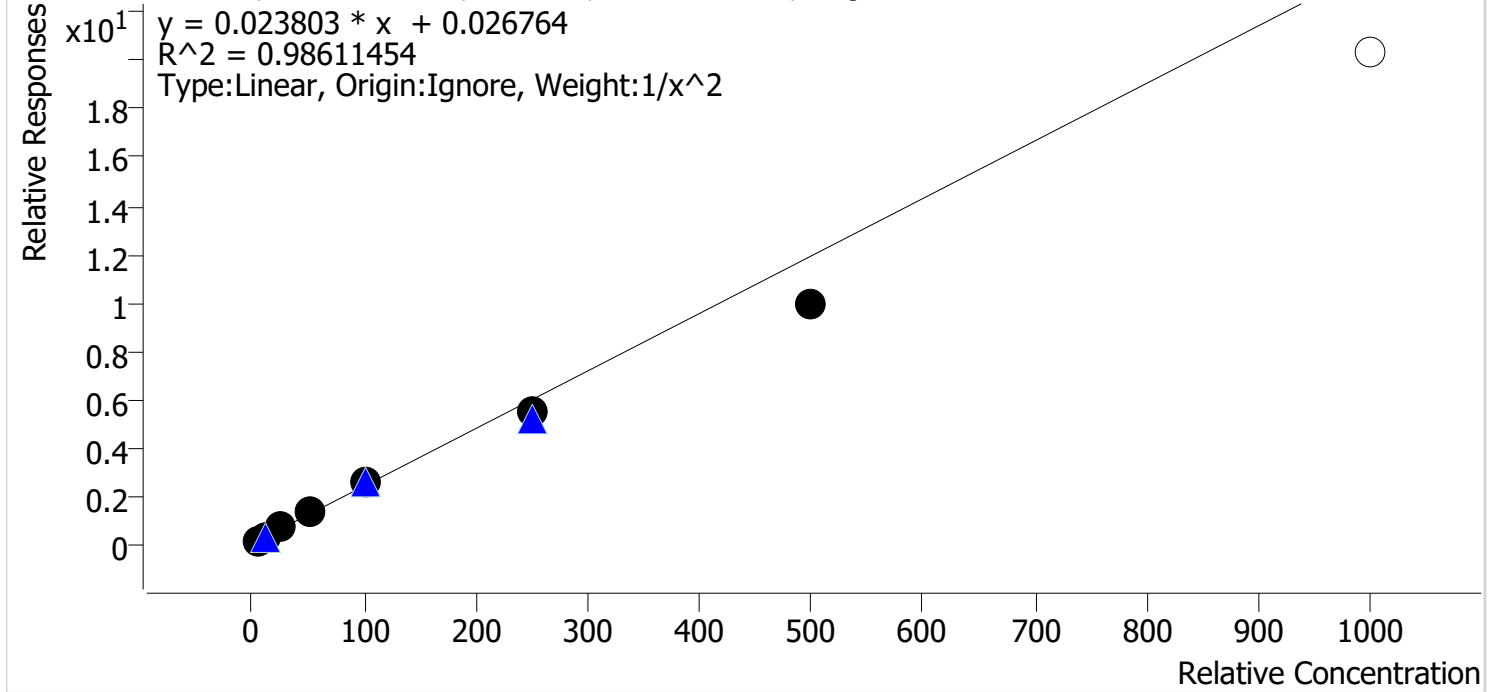
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	27.2	109.0
p1 Cal 4-50ng	4	✓	50.0	56.5	113.1
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	231.7	92.7
p1 Cal 7-500ng	7	✓	500.0	418.1	83.6
p1 Cal 8-1000ng	8	✗	1000.0	853.5	85.4

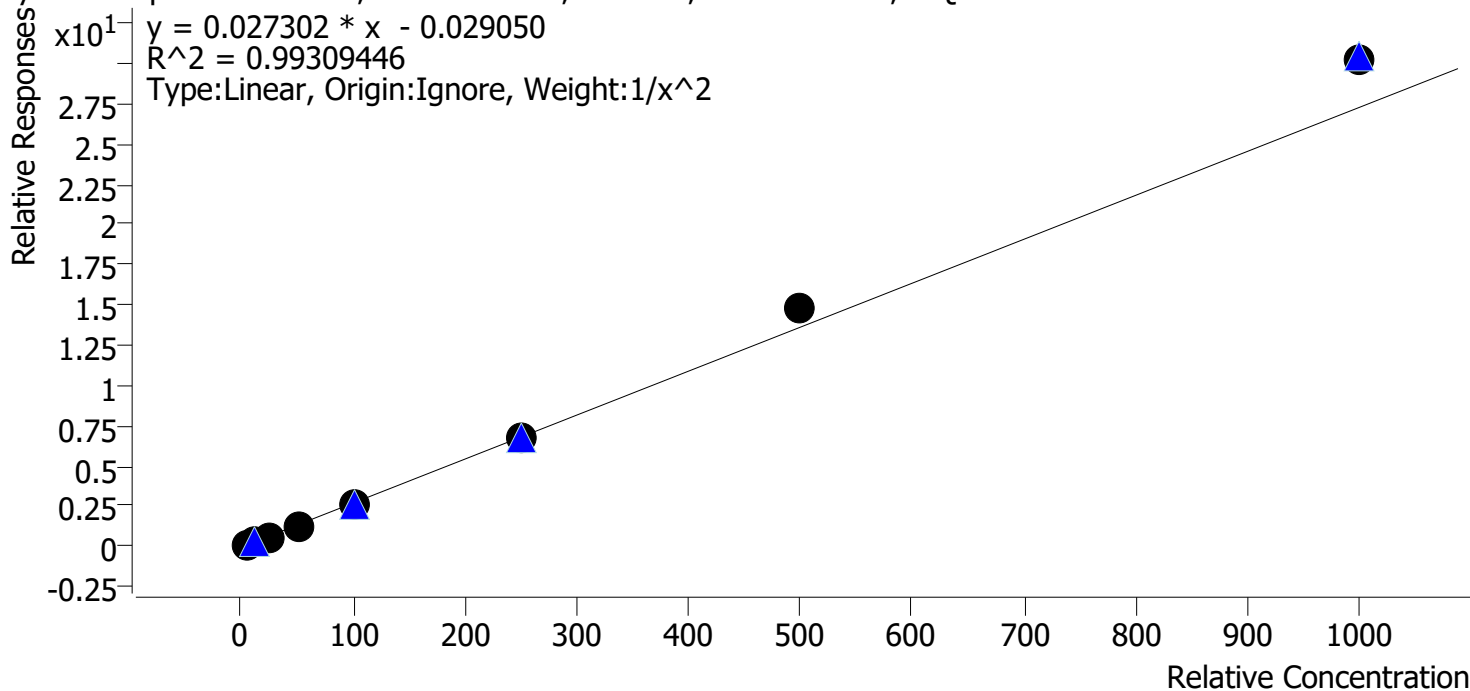
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	23.1	92.5
p1 Cal 4-50ng	4	✓	50.0	45.9	91.9
p1 Cal 5-100ng	5	✓	100.0	94.1	94.1
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	543.4	108.7
p1 Cal 8-1000ng	8	✓	1000.0	1111.2	111.1

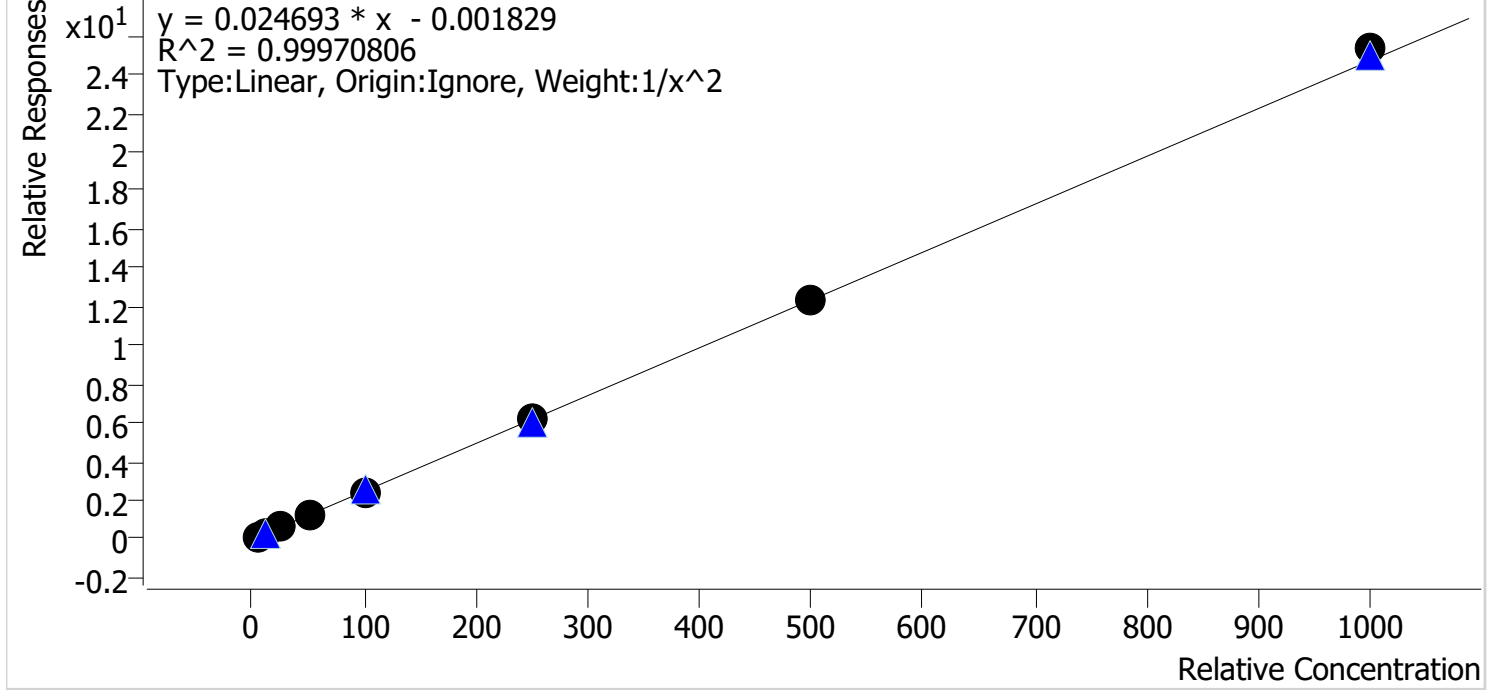
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



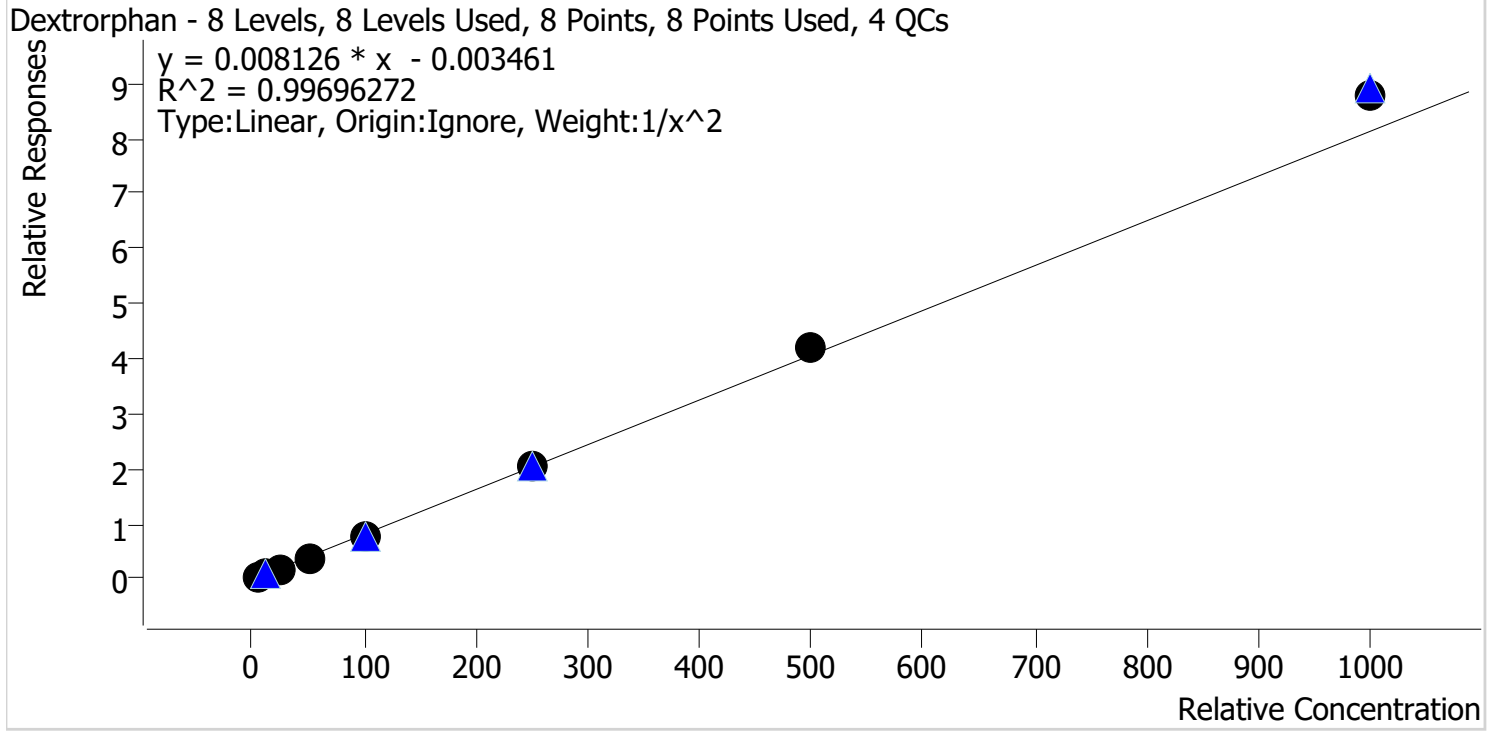
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	100.2	100.2
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	1025.4	102.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



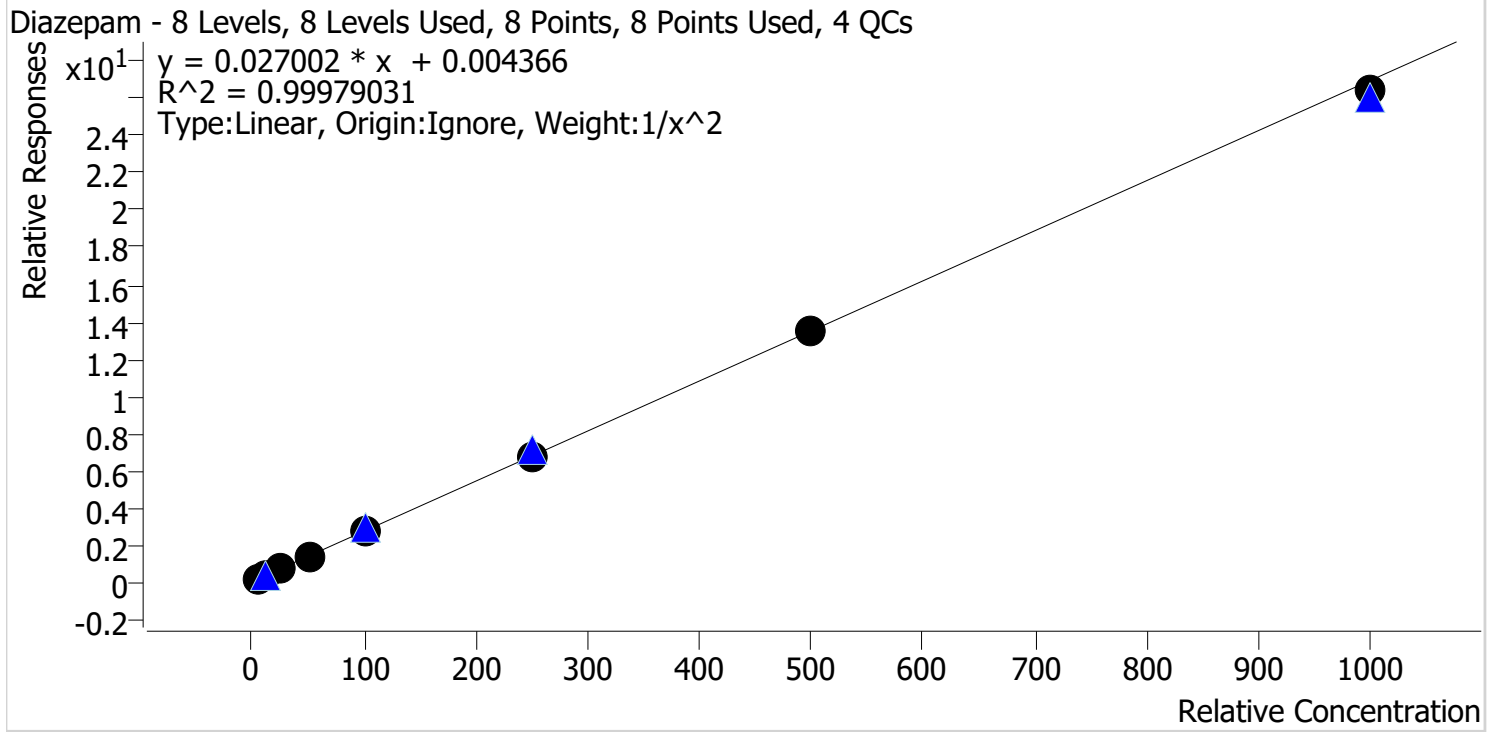
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng	4	✓	50.0	47.2	94.3
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	252.0	100.8
p1 Cal 7-500ng	7	✓	500.0	519.1	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1081.5	108.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



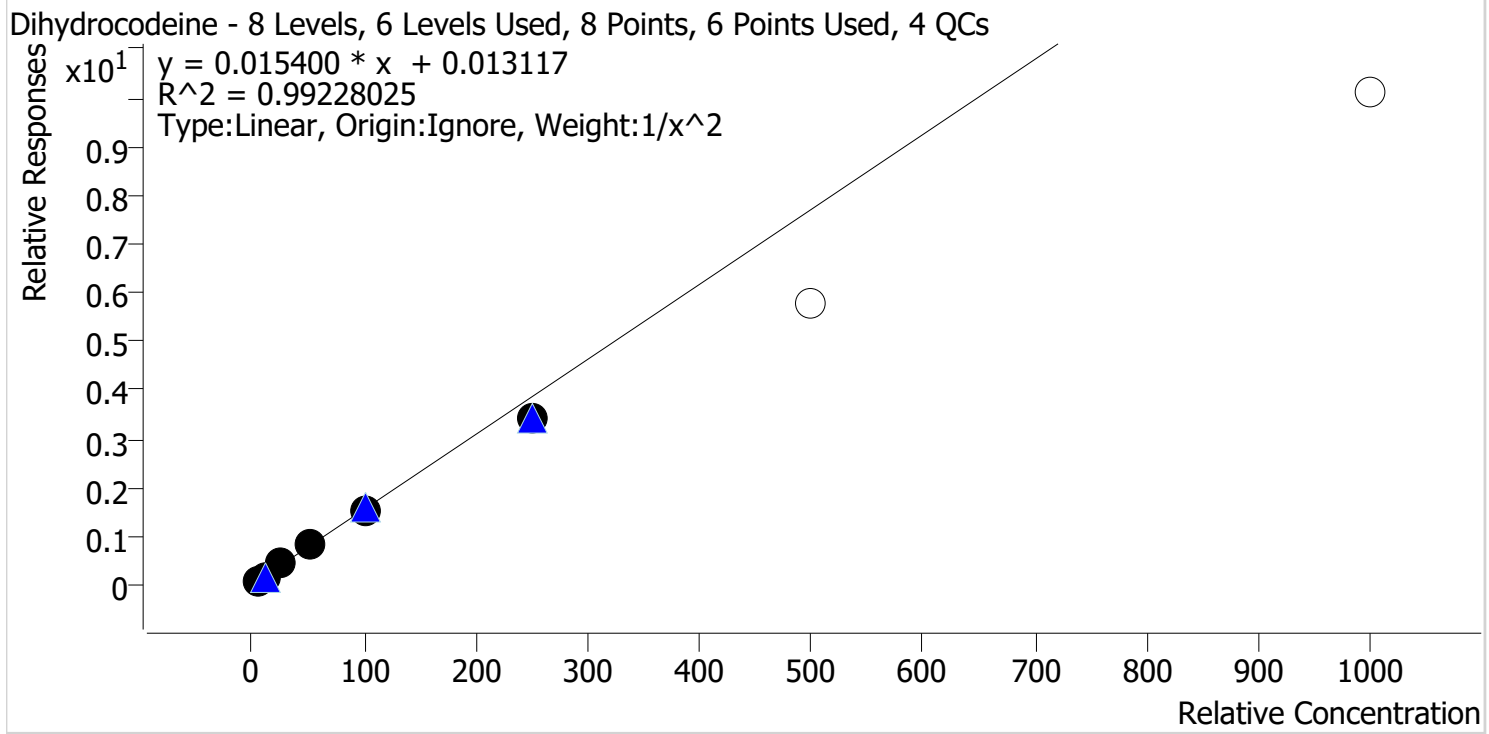
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	979.9	98.0

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	51.7	103.3
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	220.1	88.0
p1 Cal 7-500ng	7	x	500.0	373.7	74.7
p1 Cal 8-1000ng	8	x	1000.0	655.7	65.6

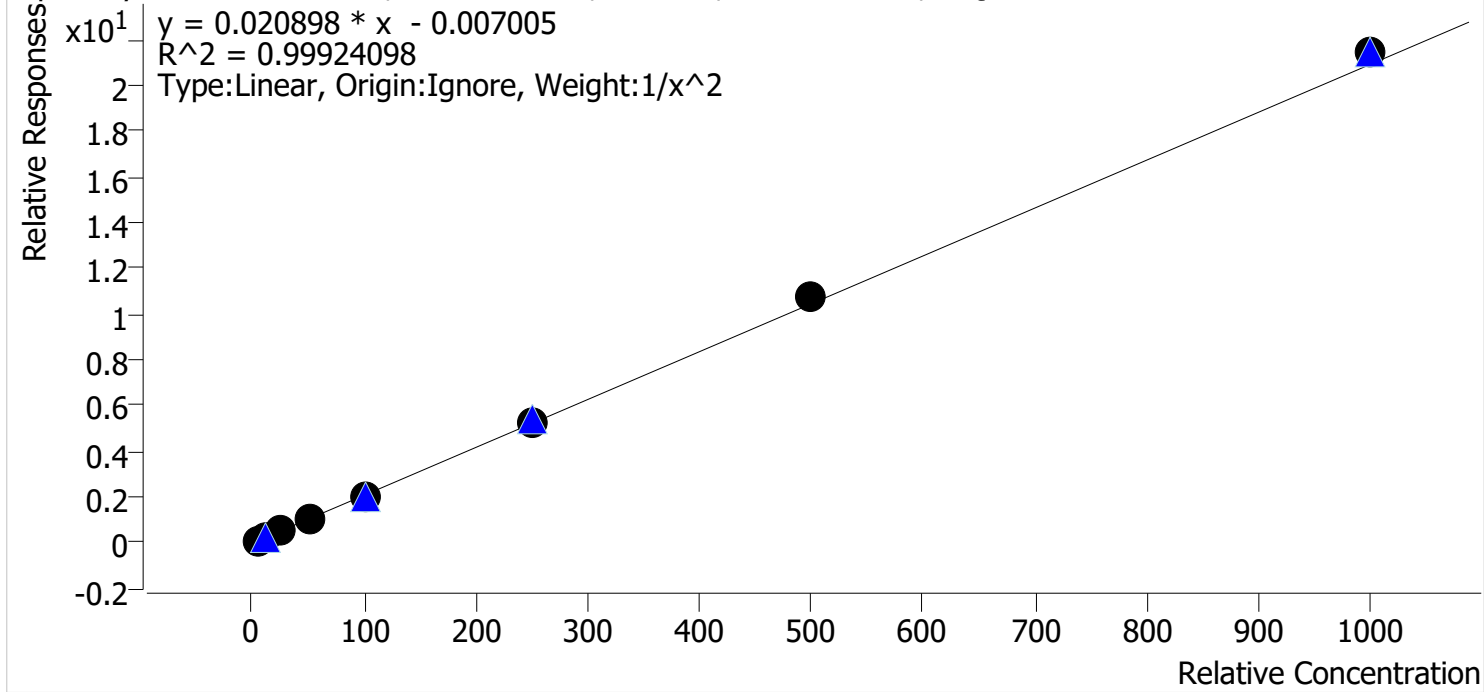
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



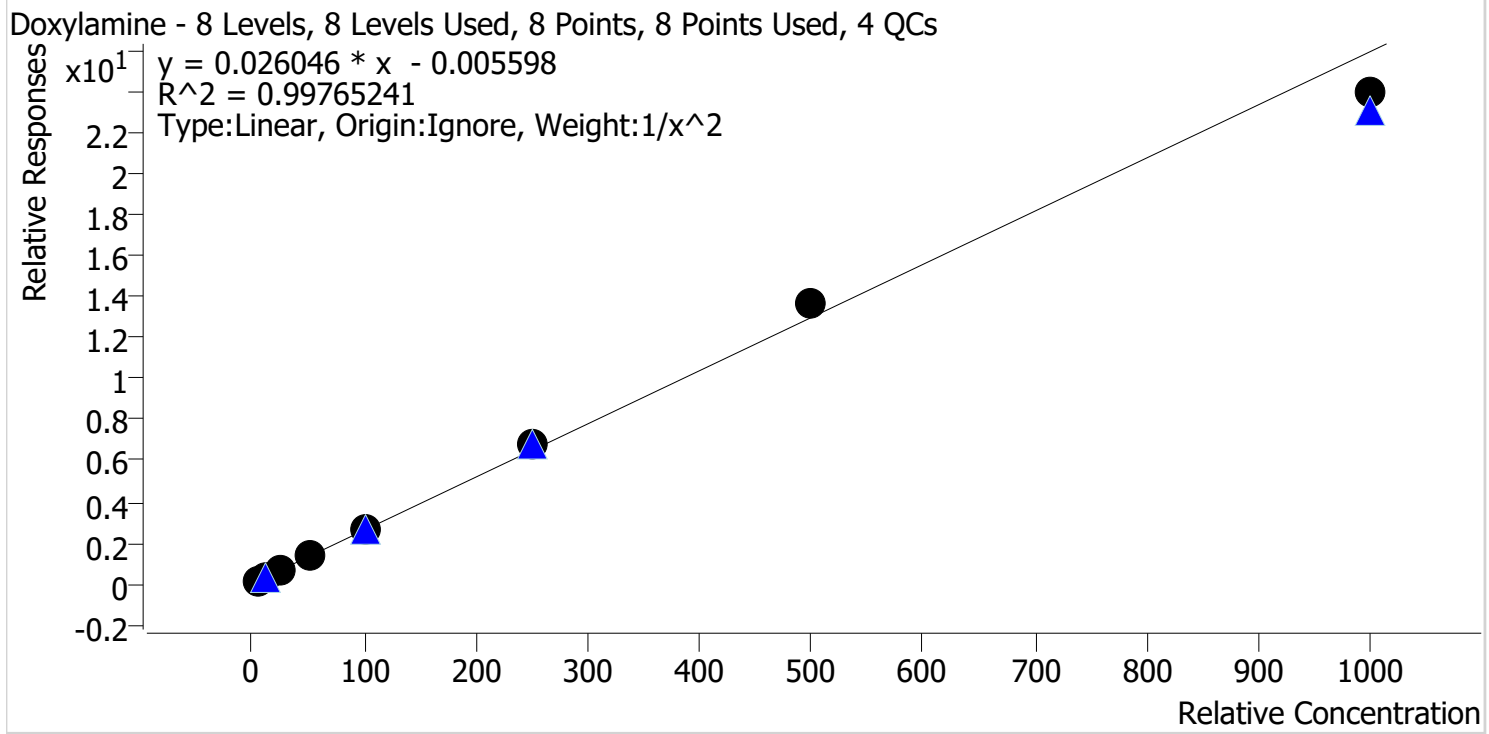
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.5
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1024.7	102.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	263.4	105.3
p1 Cal 7-500ng	7	✓	500.0	523.4	104.7
p1 Cal 8-1000ng	8	✓	1000.0	923.0	92.3

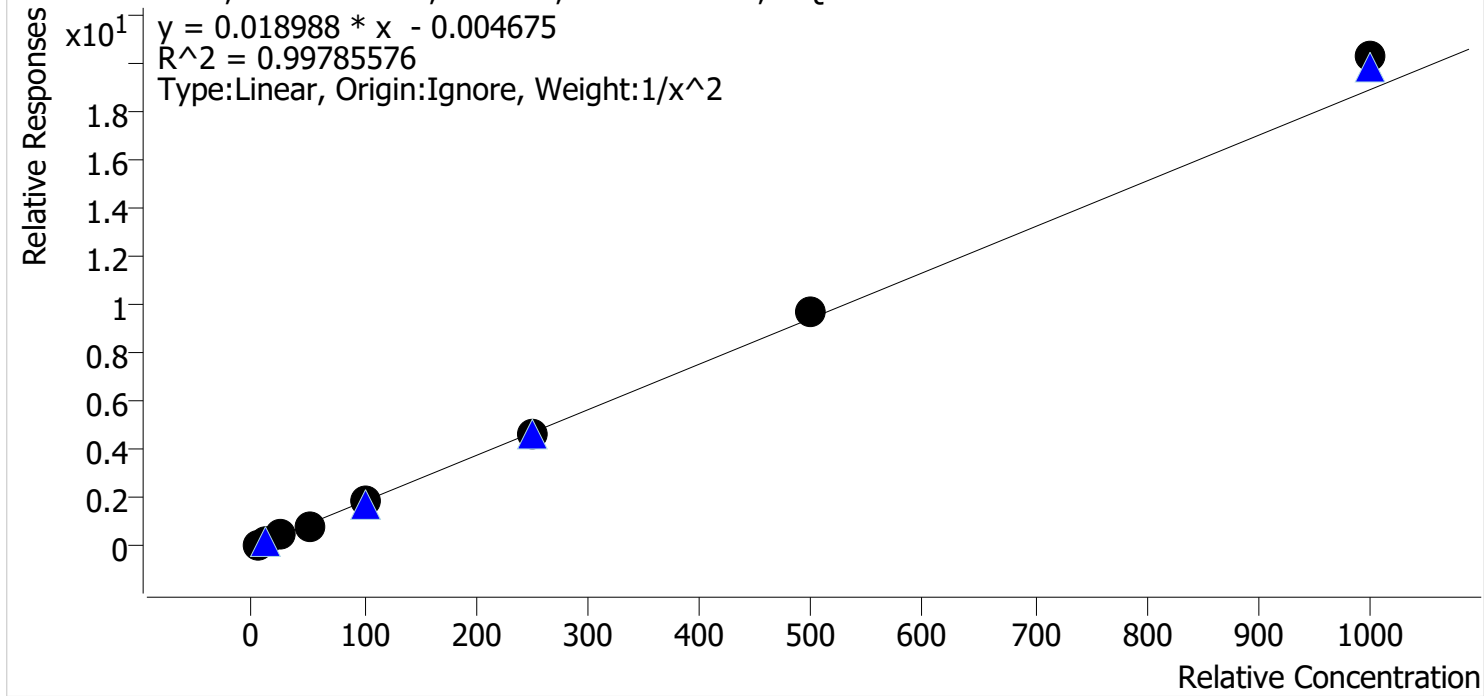
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1072.2	107.2

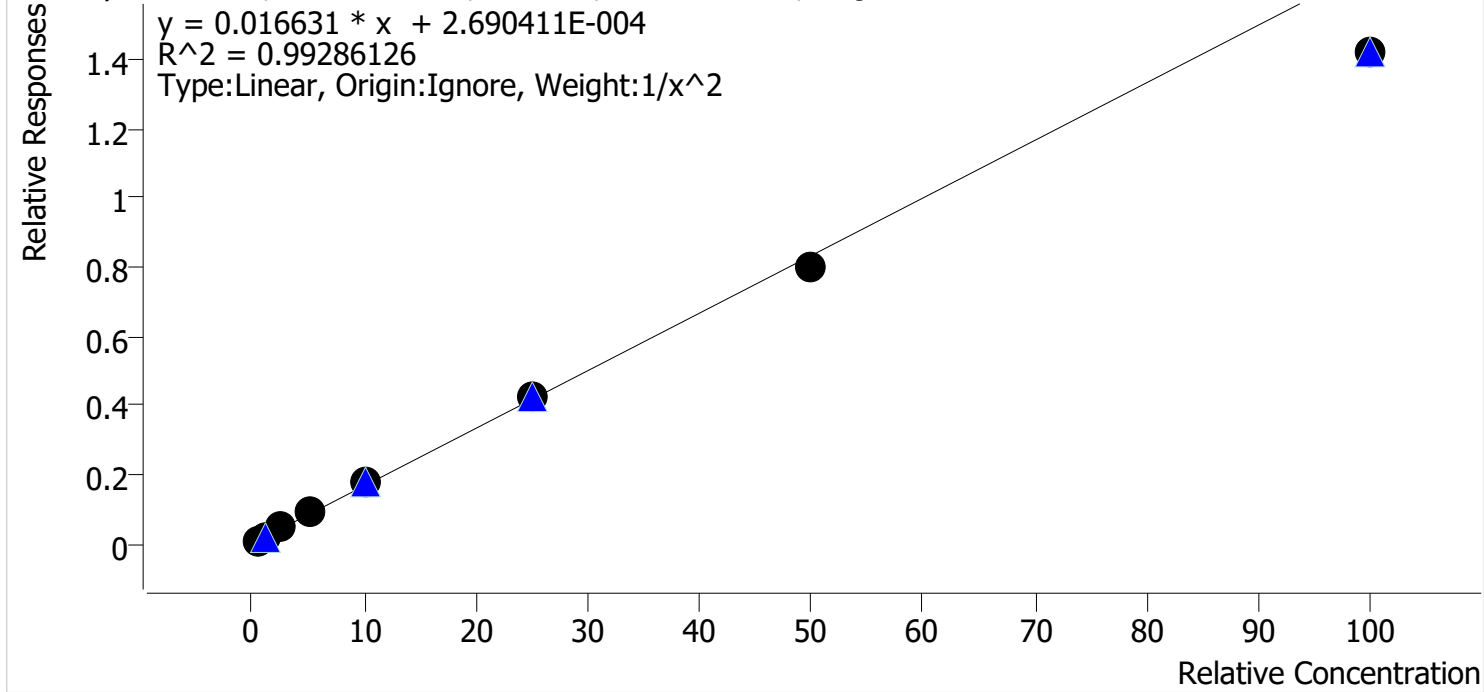
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



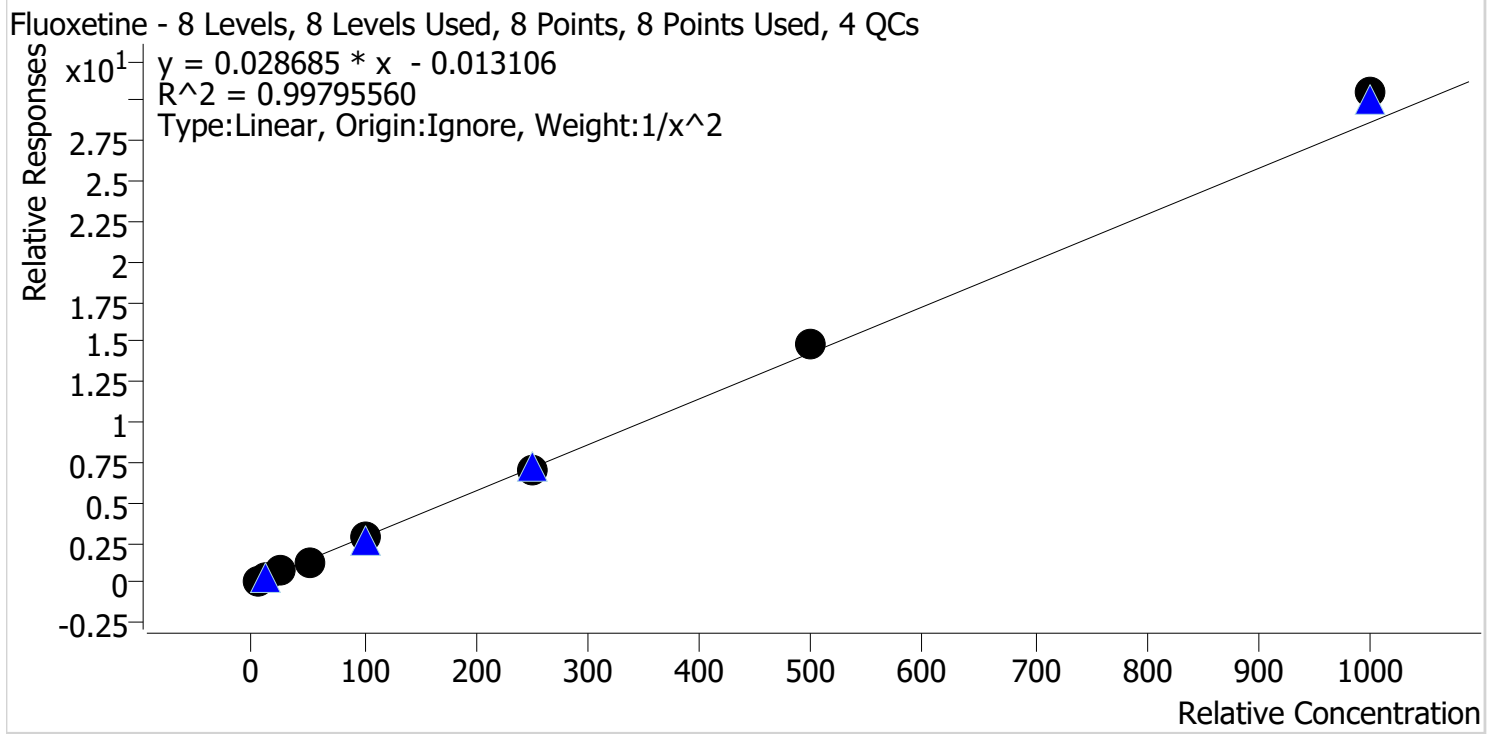
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	96.7
p1 Cal 2-10ng	2	✓	1.0	1.0	102.0
p1 Cal 3 -25ng	3	✓	2.5	2.7	107.4
p1 Cal 4-50ng	4	✓	5.0	5.4	107.1
p1 Cal 5-100ng	5	✓	10.0	10.4	104.0
p1 Cal 6-250ng	6	✓	25.0	25.5	101.8
p1 Cal 7-500ng	7	✓	50.0	48.0	96.0
p1 Cal 8-1000ng	8	✓	100.0	85.0	85.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



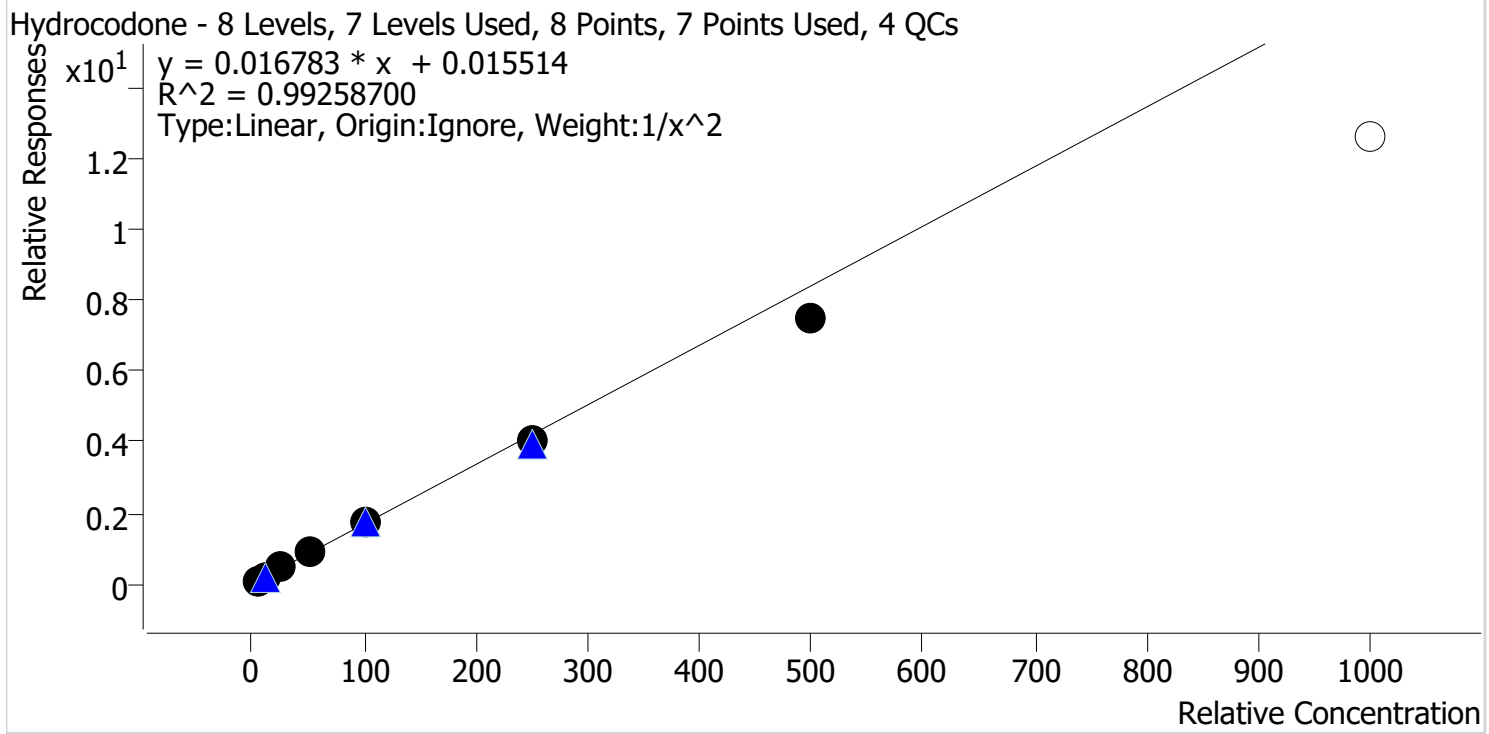
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	47.0	94.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	519.8	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1064.7	106.5

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.5	105.4
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	238.7	95.5
p1 Cal 7-500ng	7	✓	500.0	444.6	88.9
p1 Cal 8-1000ng	8	✗	1000.0	753.3	75.3

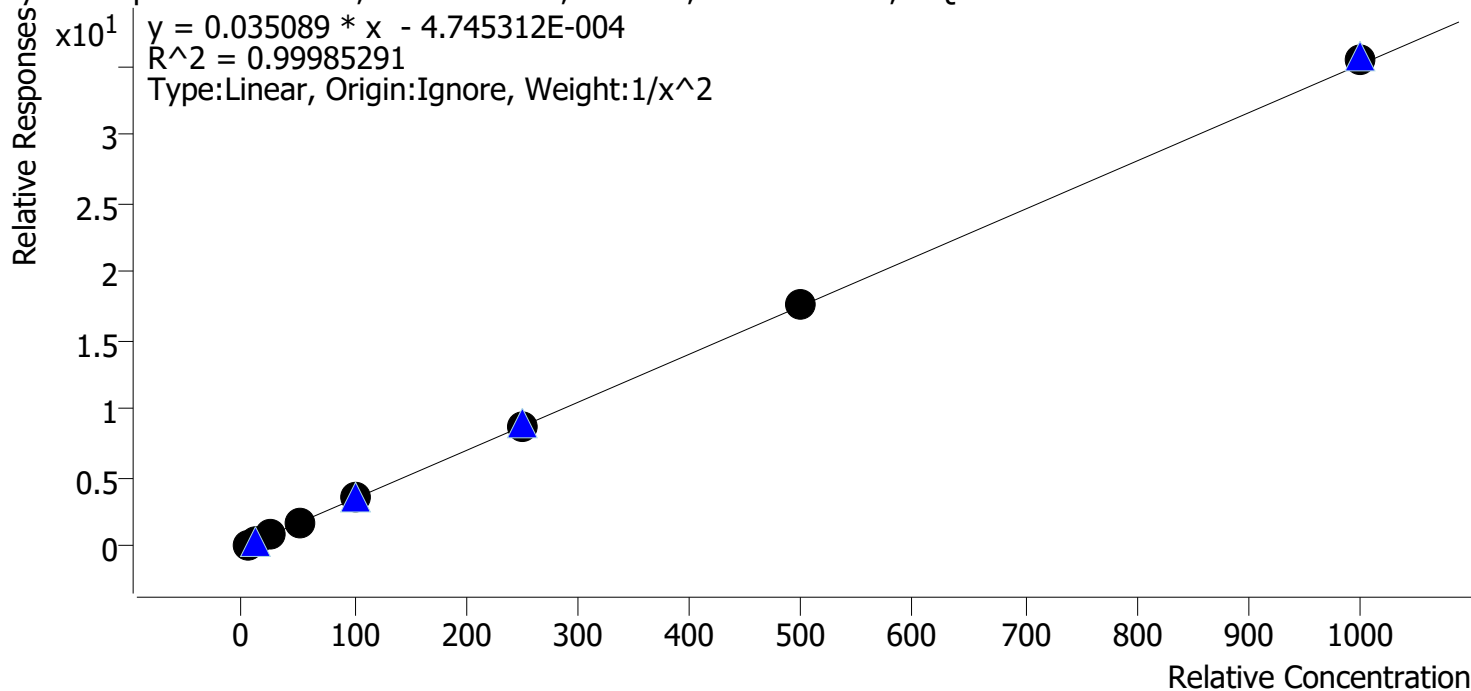
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



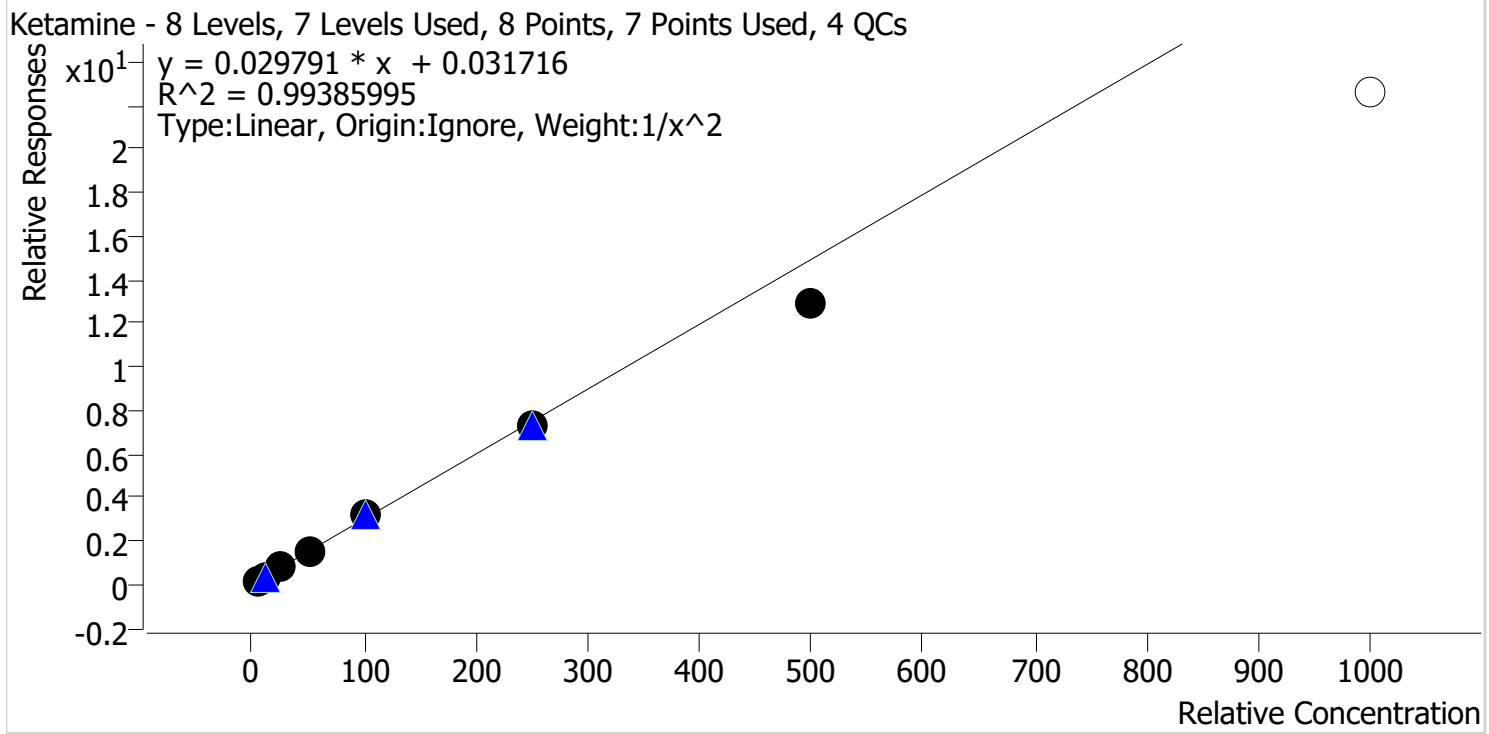
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	249.1	99.7
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	1010.9	101.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



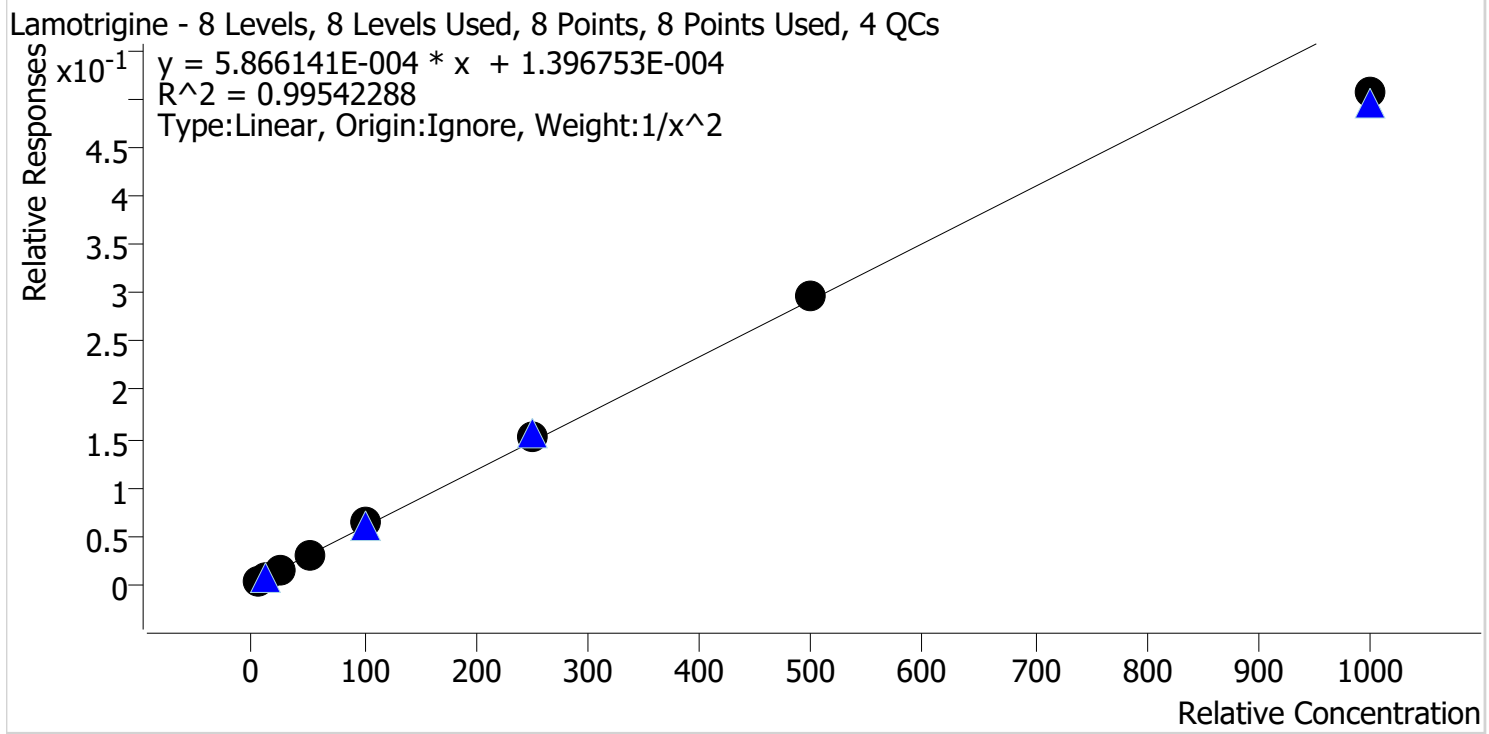
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	434.2	86.8
p1 Cal 8-1000ng	8	✗	1000.0	756.9	75.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	260.5	104.2
p1 Cal 7-500ng	7	✓	500.0	507.5	101.5
p1 Cal 8-1000ng	8	✓	1000.0	865.8	86.6

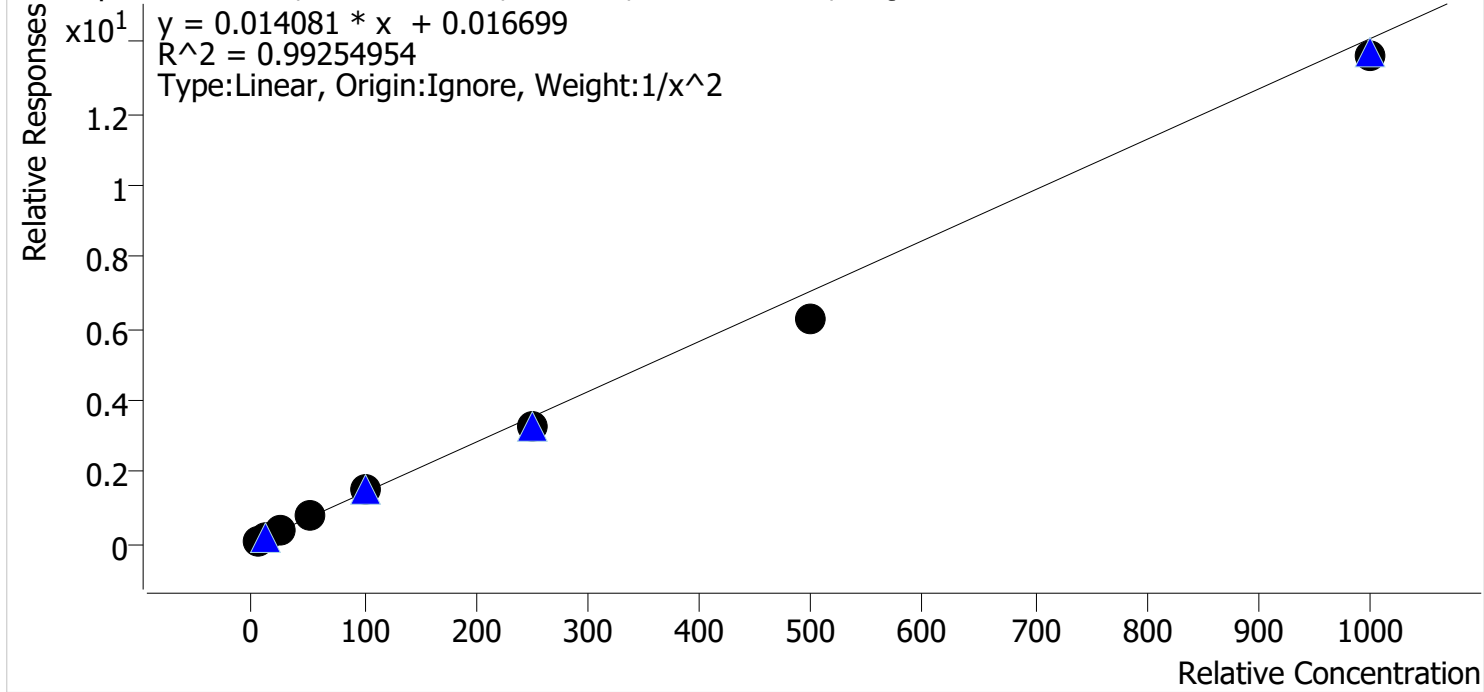
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.4
p1 Cal 2-10ng	2	✓	10.0	10.7	106.6
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	54.1	108.3
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	232.9	93.2
p1 Cal 7-500ng	7	✓	500.0	445.2	89.0
p1 Cal 8-1000ng	8	✓	1000.0	969.9	97.0

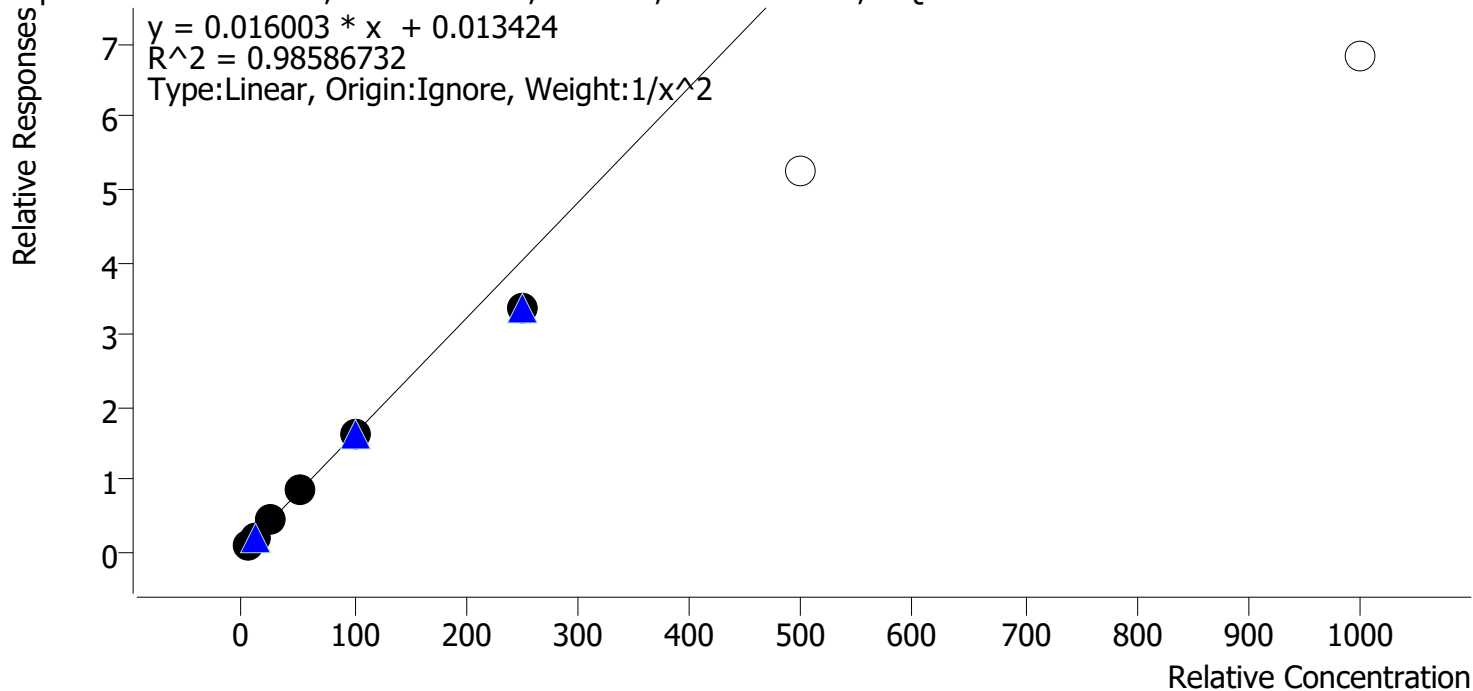
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



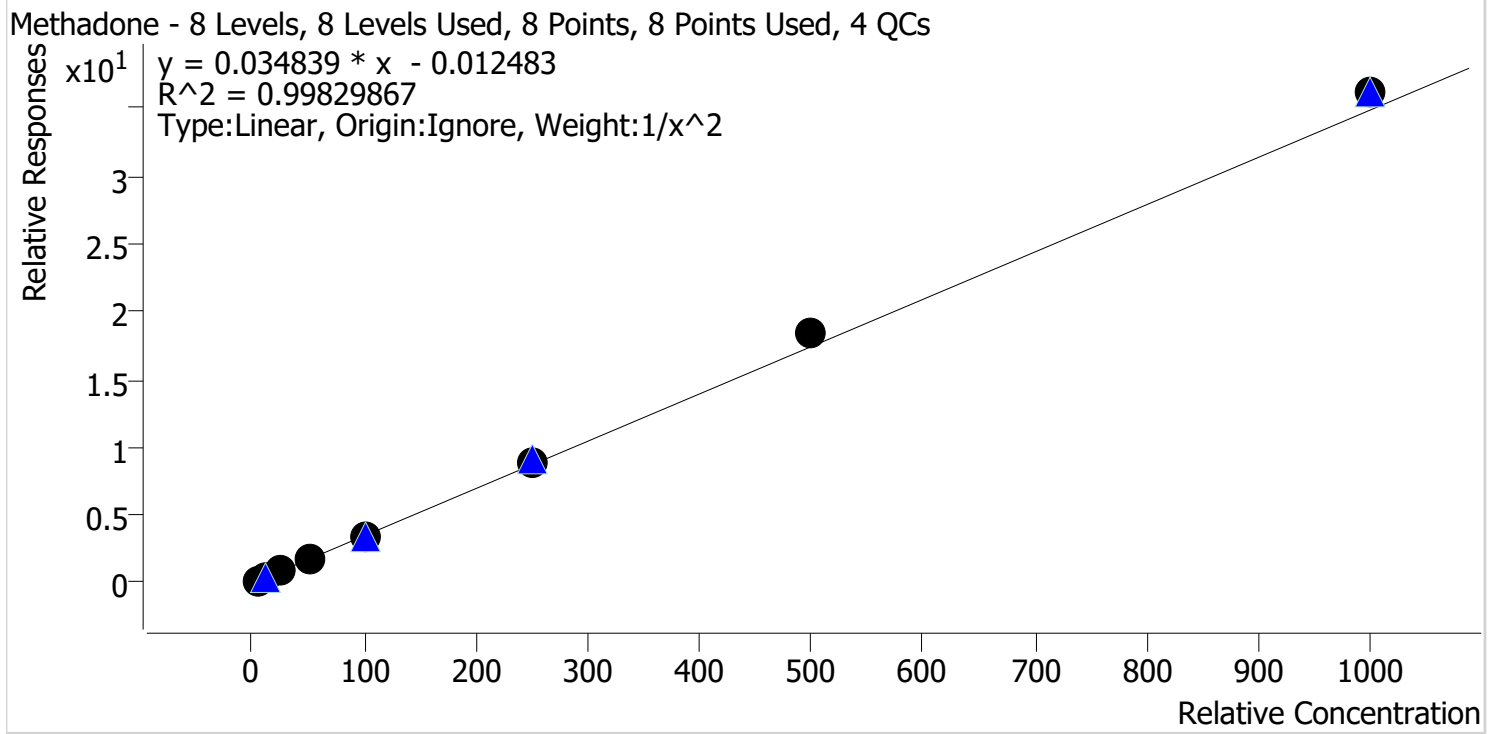
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.5	104.7
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.1
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	208.1	83.2
p1 Cal 7-500ng	7	x	500.0	328.3	65.7
p1 Cal 8-1000ng	8	x	1000.0	426.2	42.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



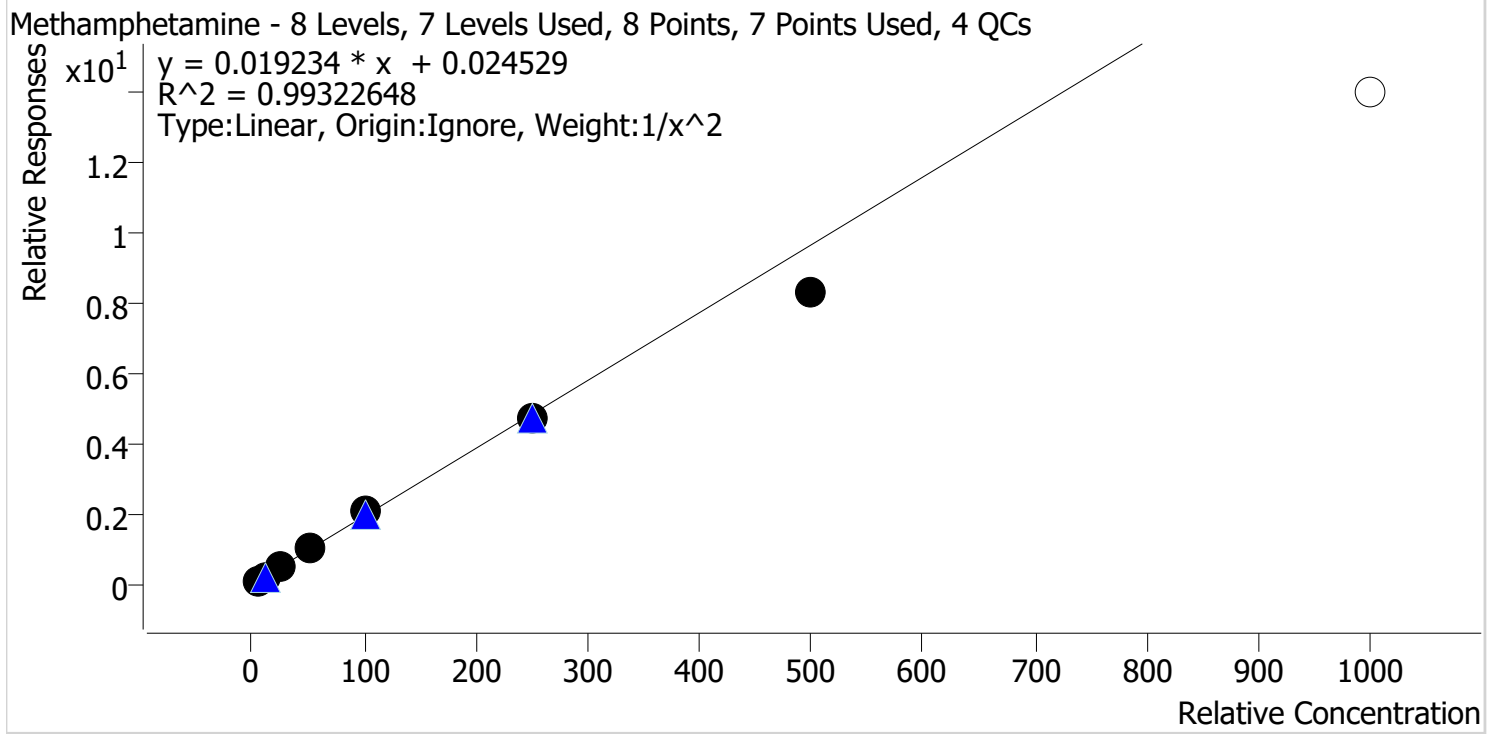
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	525.2	105.0
p1 Cal 8-1000ng	8	✓	1000.0	1037.0	103.7

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	244.4	97.8
p1 Cal 7-500ng	7	✓	500.0	432.1	86.4
p1 Cal 8-1000ng	8	✗	1000.0	724.3	72.4

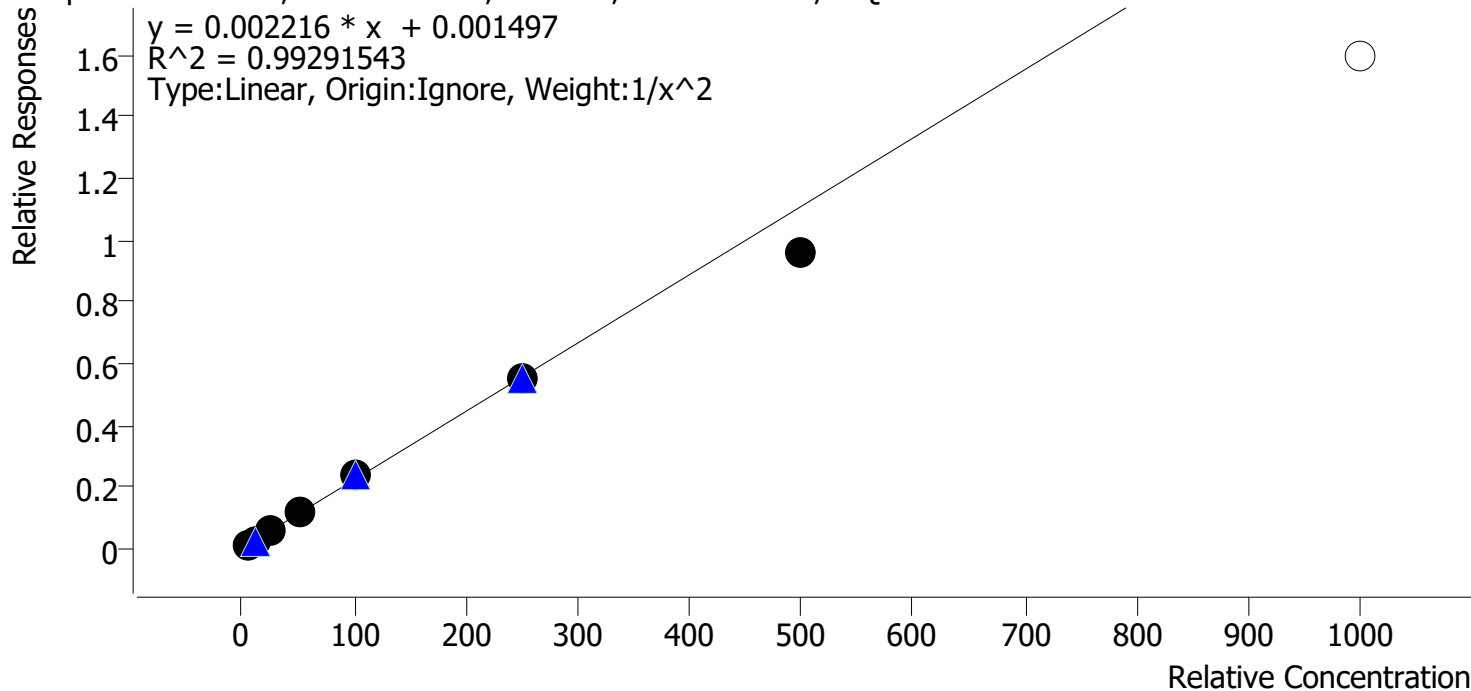
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



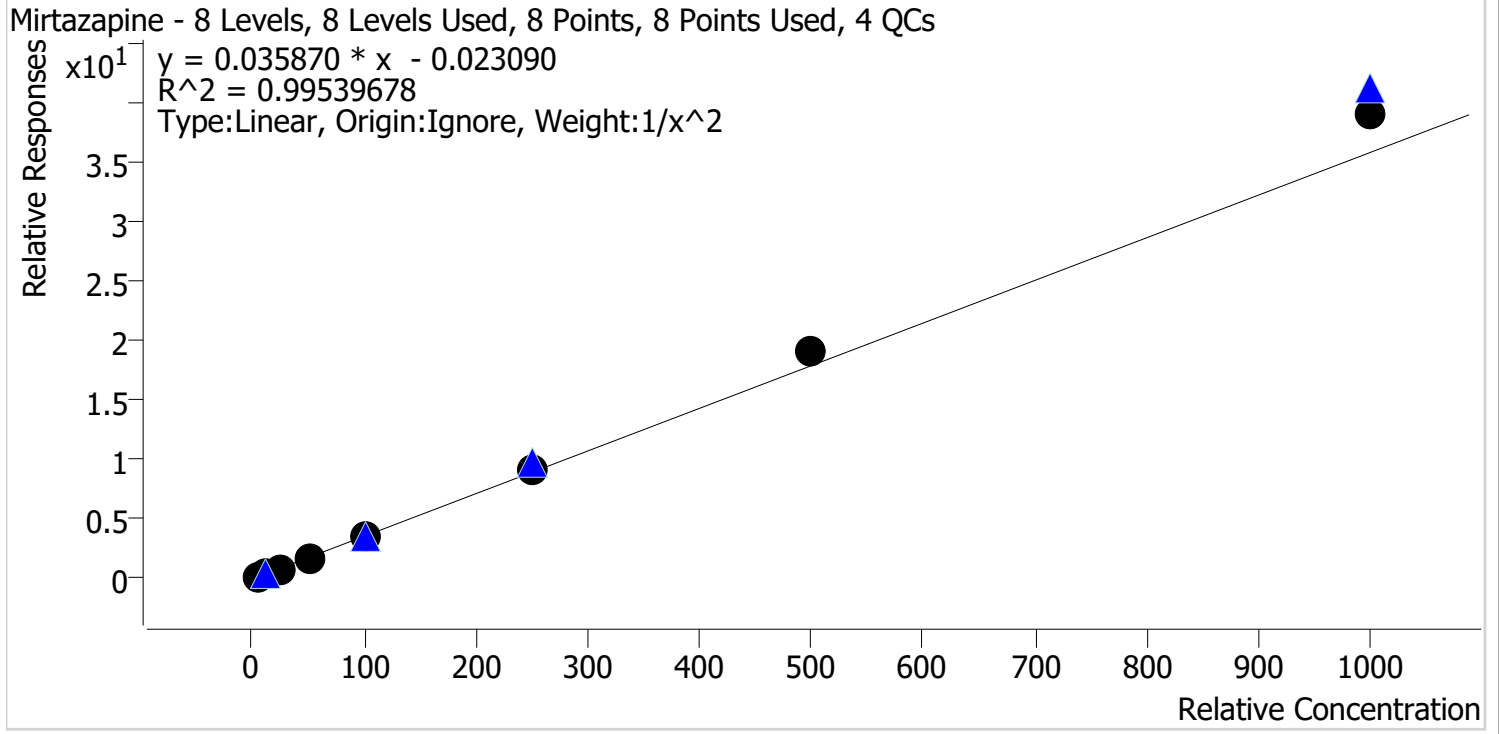
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng	5	✓	100.0	107.9	107.9
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	430.5	86.1
p1 Cal 8-1000ng	8	✗	1000.0	719.1	71.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



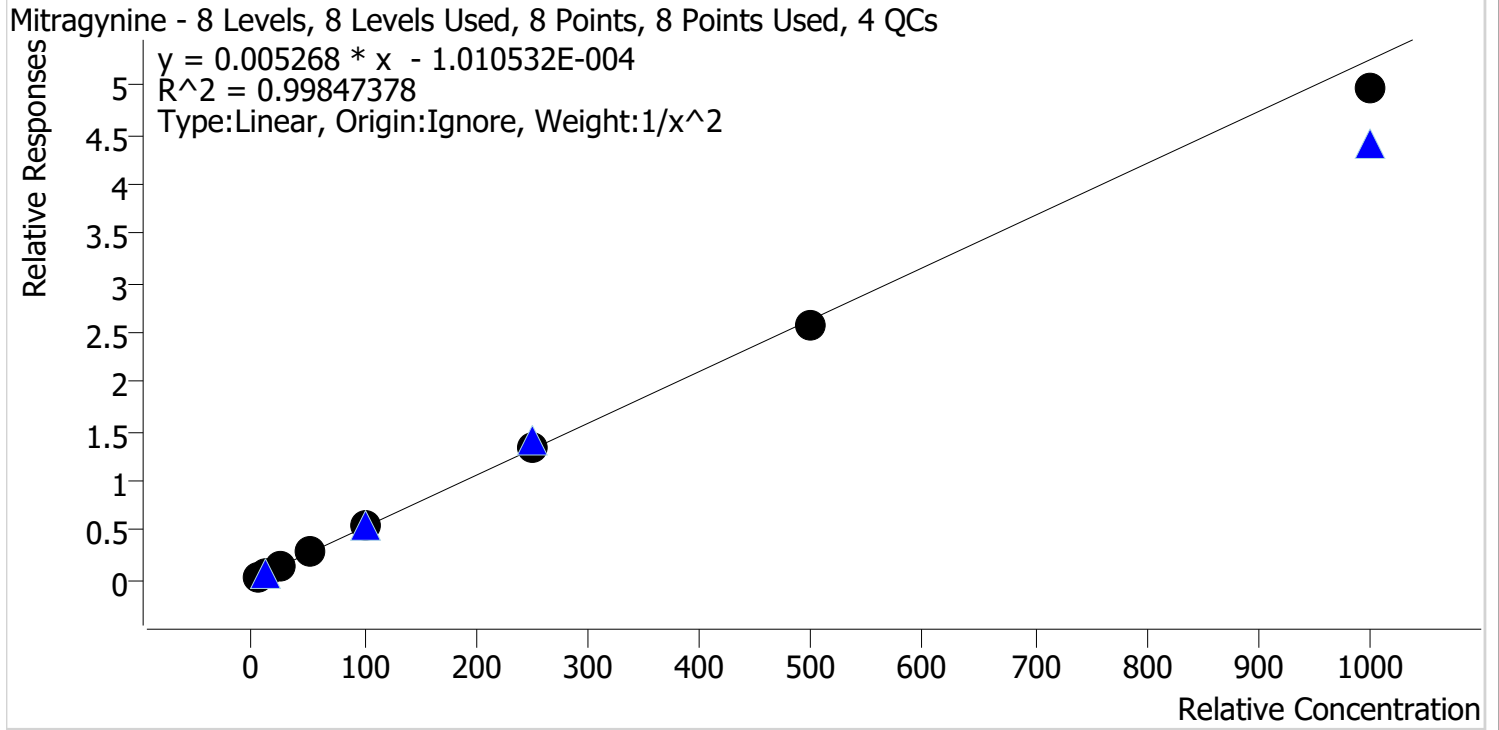
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	46.4	92.8
p1 Cal 5-100ng	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	533.2	106.6
p1 Cal 8-1000ng	8	✓	1000.0	1087.9	108.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



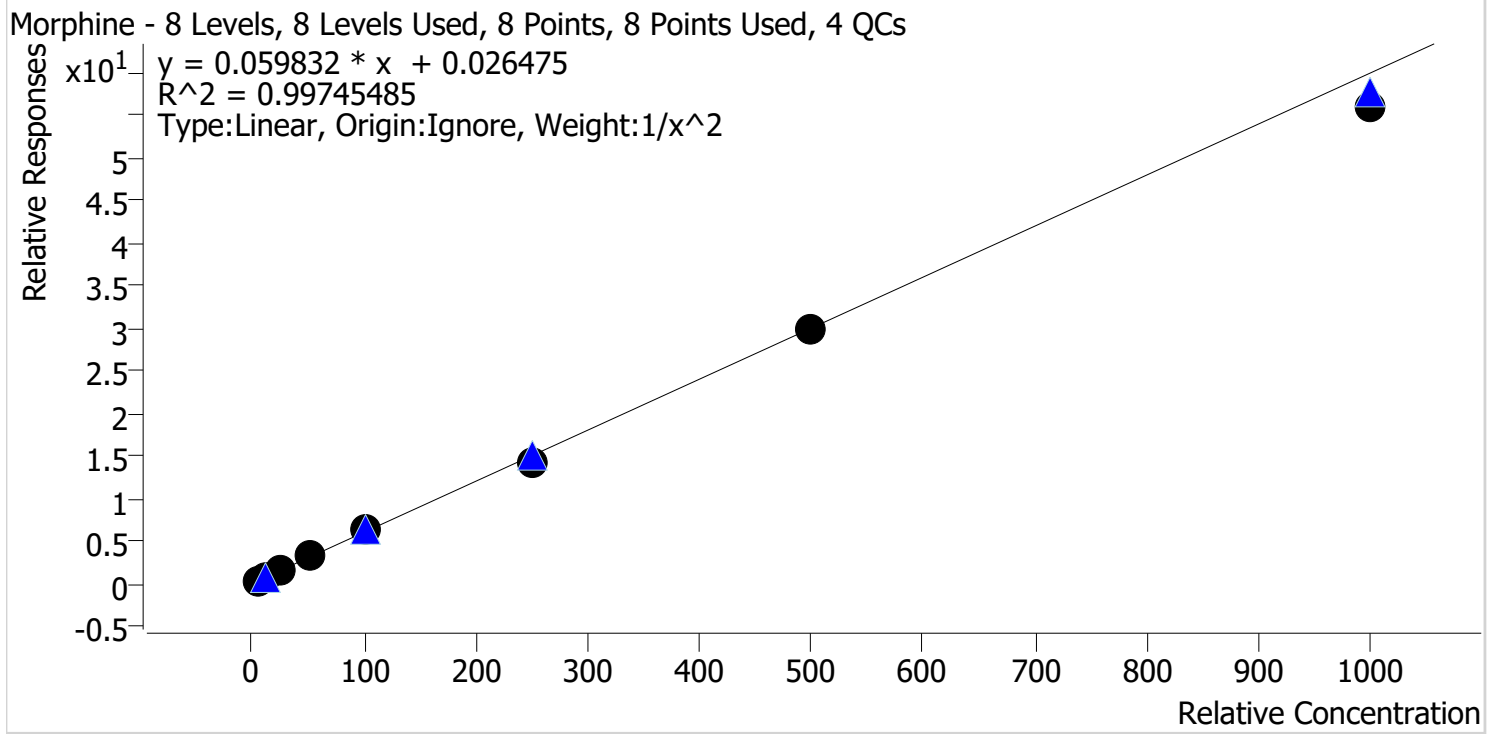
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	489.2	97.8
p1 Cal 8-1000ng	8	✓	1000.0	944.3	94.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.6
p1 Cal 4-50ng	4	✓	50.0	51.2	102.4
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	496.0	99.2
p1 Cal 8-1000ng	8	✓	1000.0	935.8	93.6

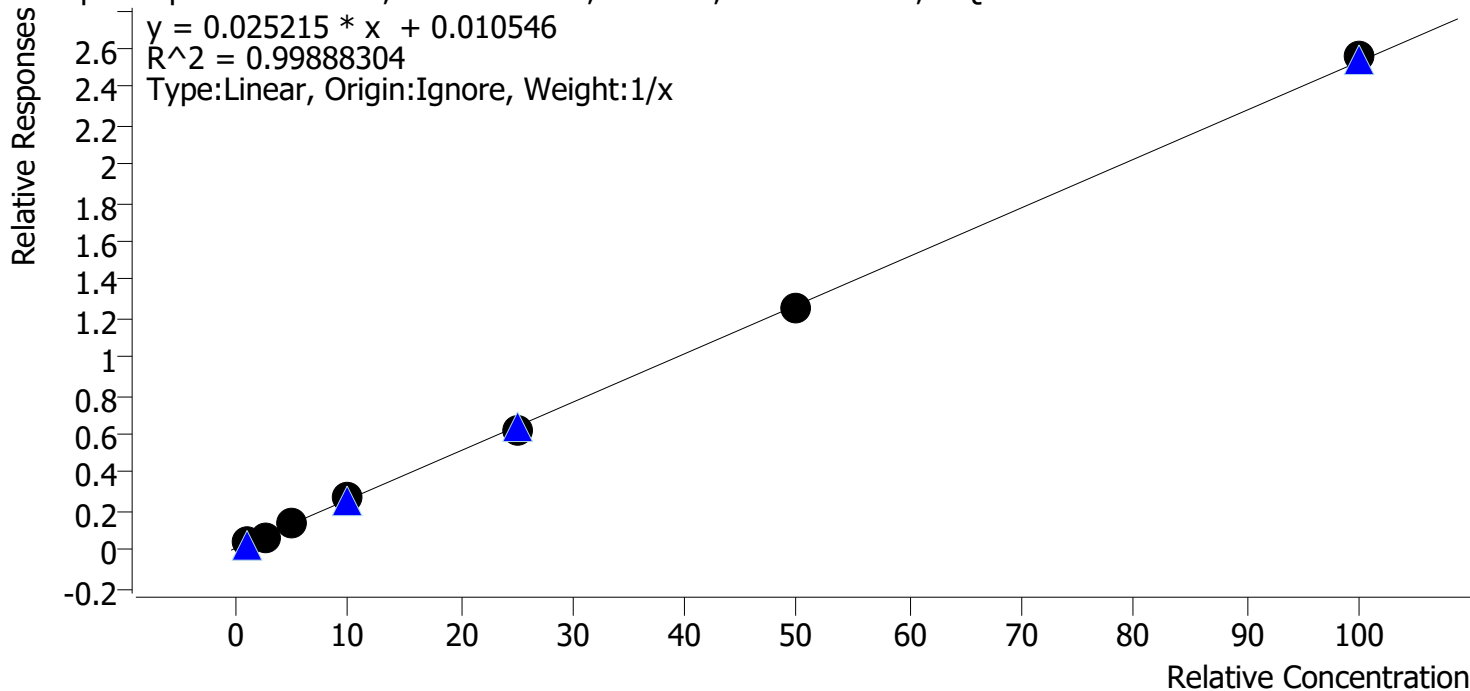
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 7 Levels, 7 Levels Used, 7 Points, 7 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 2-10ng	2	✓	1.0	1.1	113.5
p1 Cal 3 -25ng	3	✓	2.5	2.1	84.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.0
p1 Cal 5-100ng	5	✓	10.0	10.8	107.7
p1 Cal 6-250ng	6	✓	25.0	24.2	97.0
p1 Cal 7-500ng	7	✓	50.0	49.3	98.7
p1 Cal 8-1000ng	8	✓	100.0	101.0	101.0

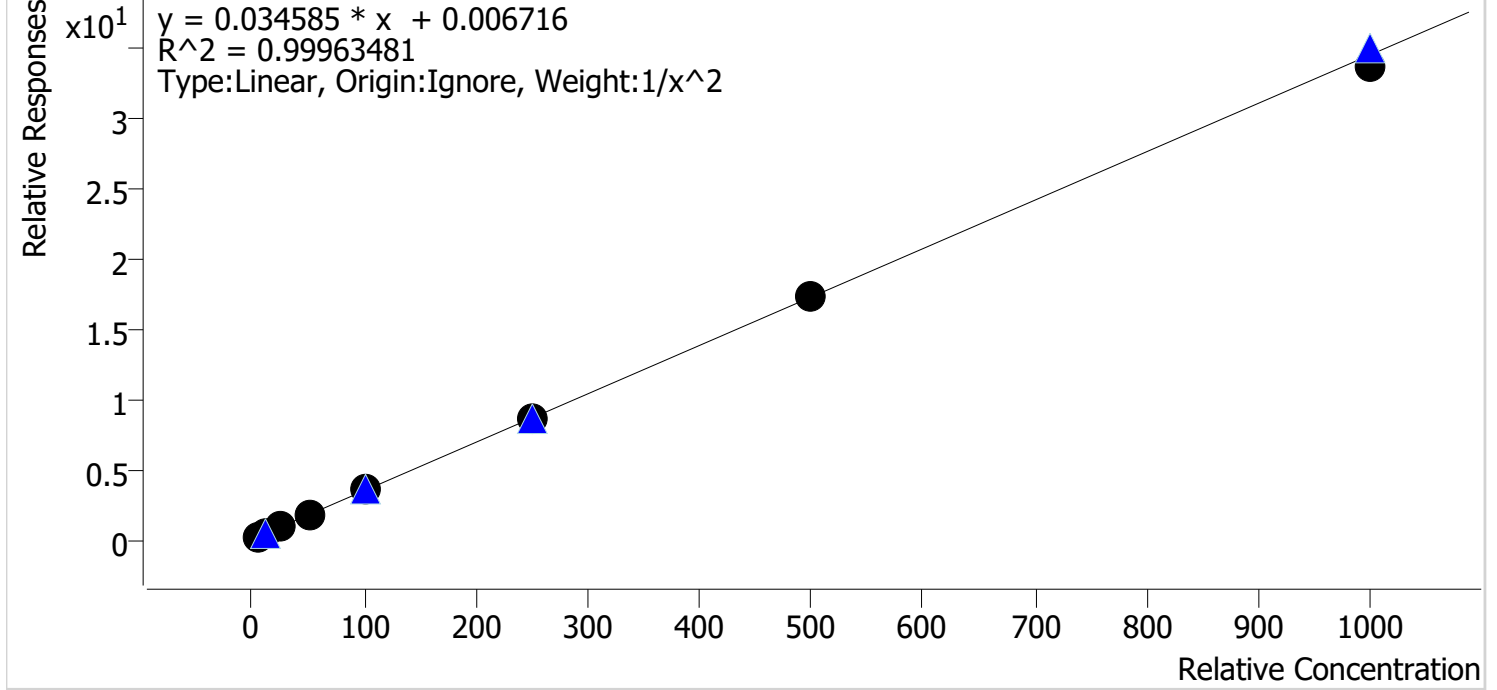
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5

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



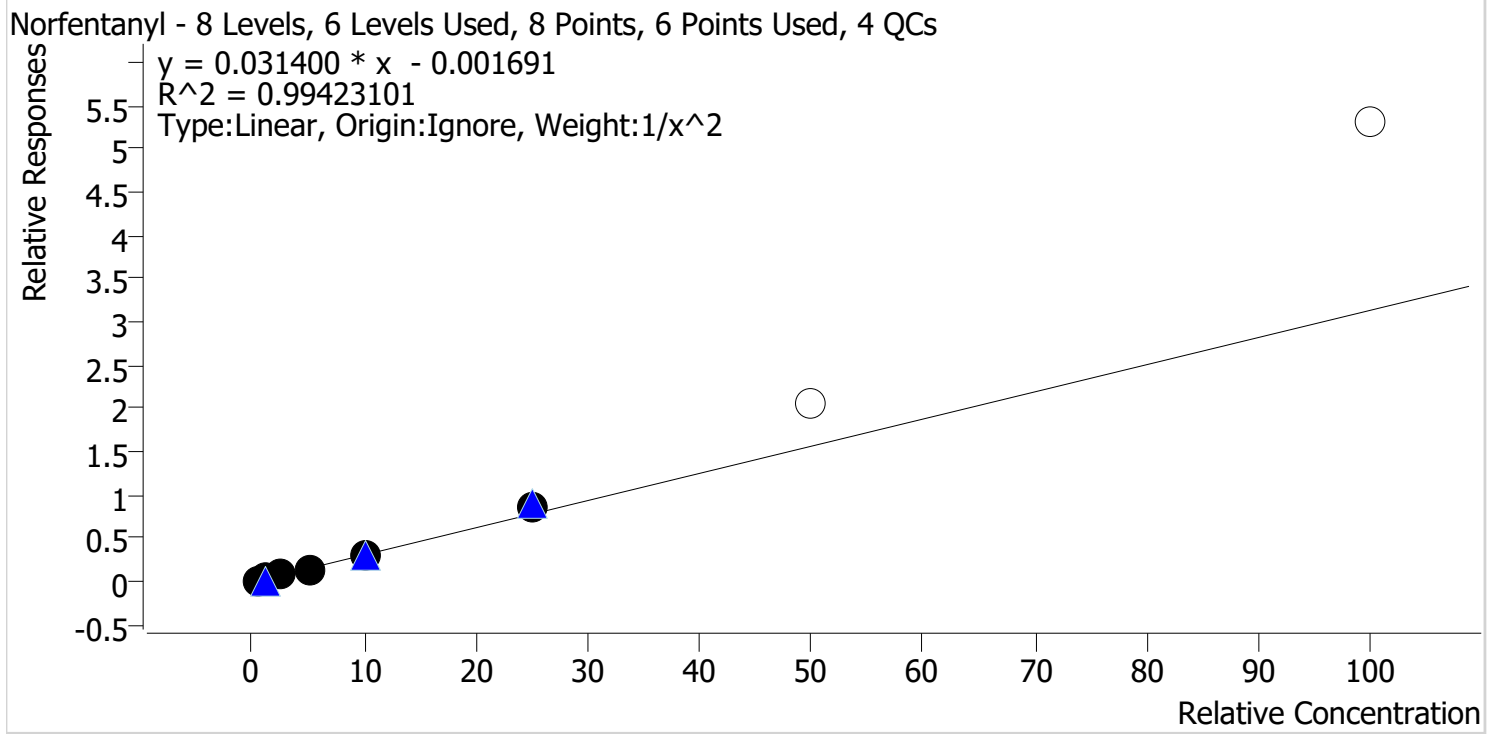
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	247.1	98.8
p1 Cal 7-500ng	7	✓	500.0	501.0	100.2
p1 Cal 8-1000ng	8	✓	1000.0	975.9	97.6

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.5
p1 Cal 4-50ng	4	✓	5.0	4.7	93.7
p1 Cal 5-100ng	5	✓	10.0	10.0	99.9
p1 Cal 6-250ng	6	✓	25.0	27.7	110.9
p1 Cal 7-500ng	7	x	50.0	66.1	132.1
p1 Cal 8-1000ng	8	x	100.0	169.7	169.7

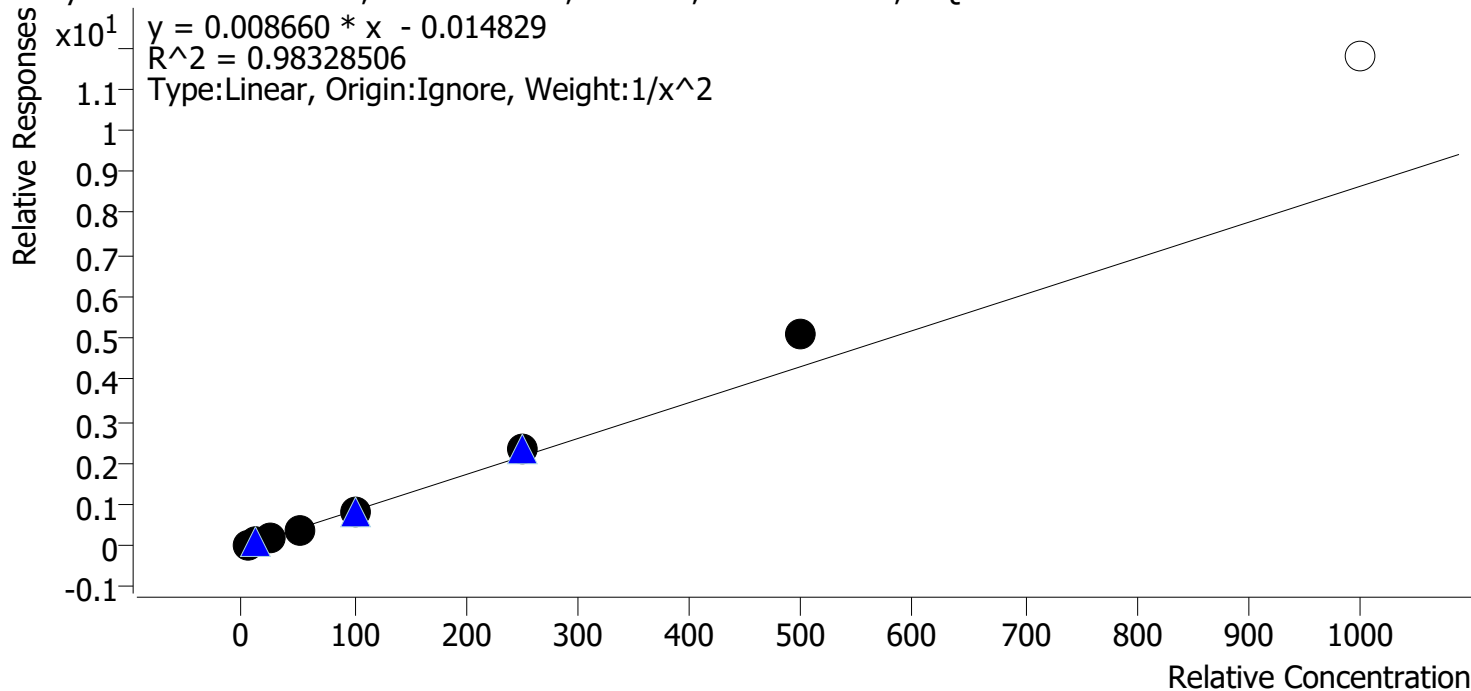
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



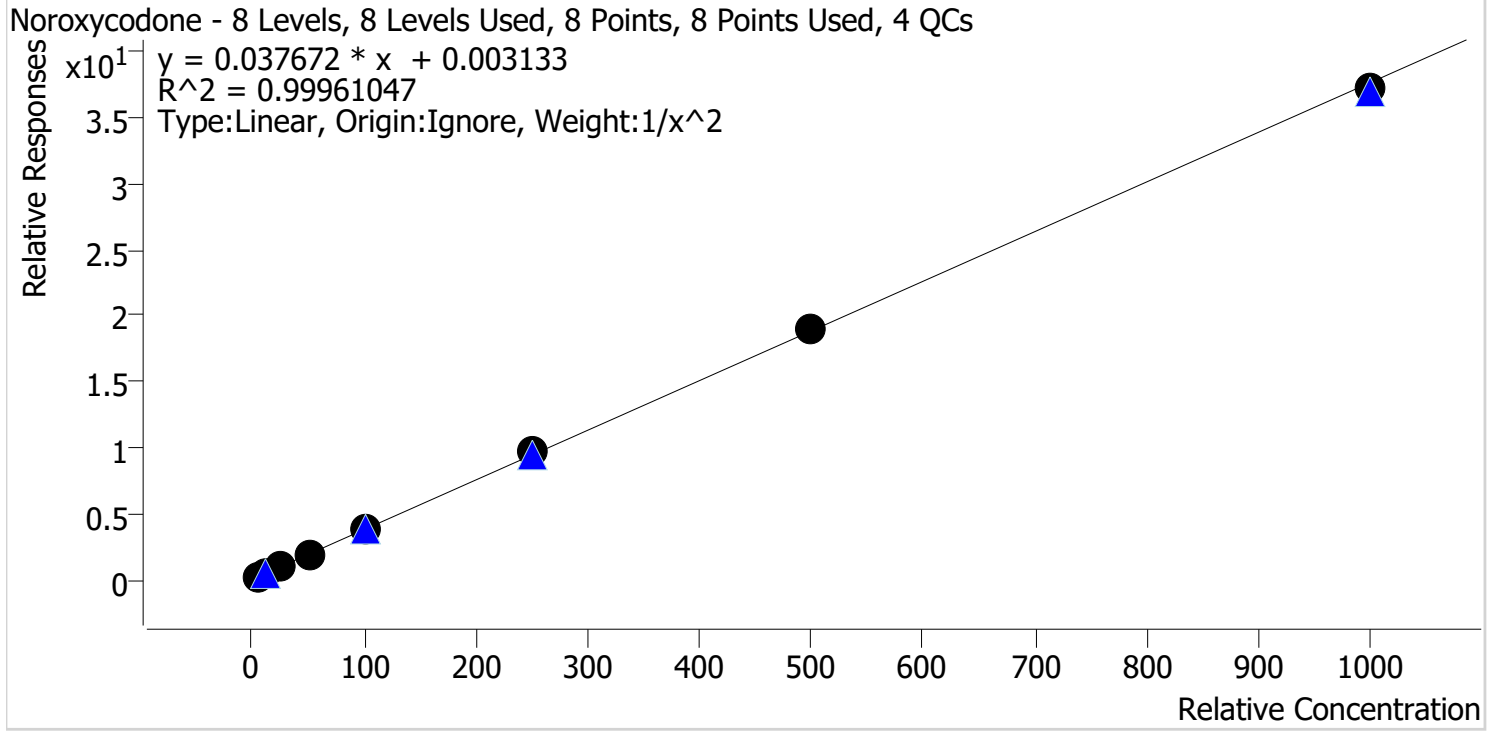
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.9
p1 Cal 2-10ng	2	✓	10.0	9.5	95.0
p1 Cal 3 -25ng	3	✓	25.0	22.0	87.8
p1 Cal 4-50ng	4	✓	50.0	44.7	89.4
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	267.4	107.0
p1 Cal 7-500ng	7	✓	500.0	593.2	118.6
p1 Cal 8-1000ng	8	✗	1000.0	1359.9	136.0

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



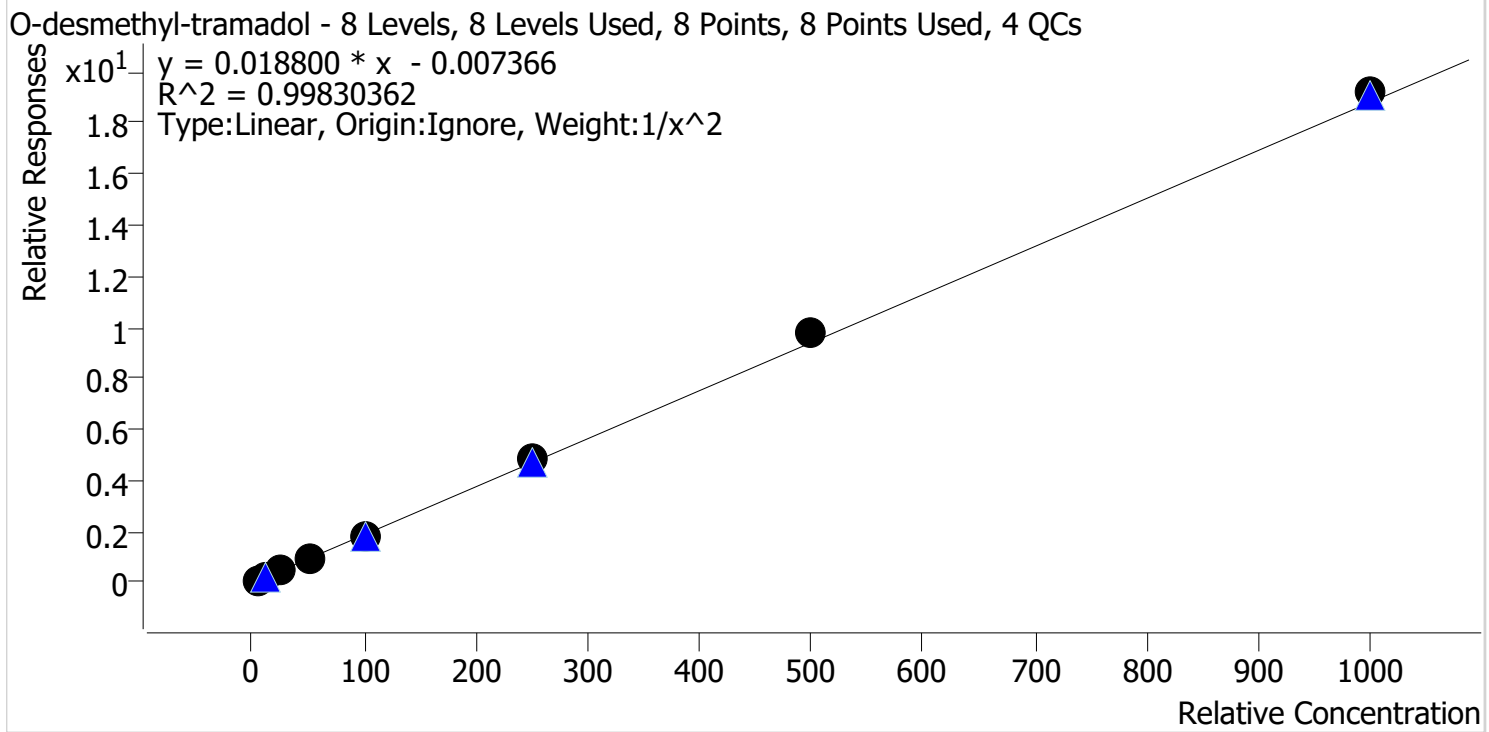
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.2	98.4
p1 Cal 5-100ng	5	✓	100.0	102.3	102.3
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	500.6	100.1
p1 Cal 8-1000ng	8	✓	1000.0	988.0	98.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	258.8	103.5
p1 Cal 7-500ng	7	✓	500.0	521.9	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1021.0	102.1

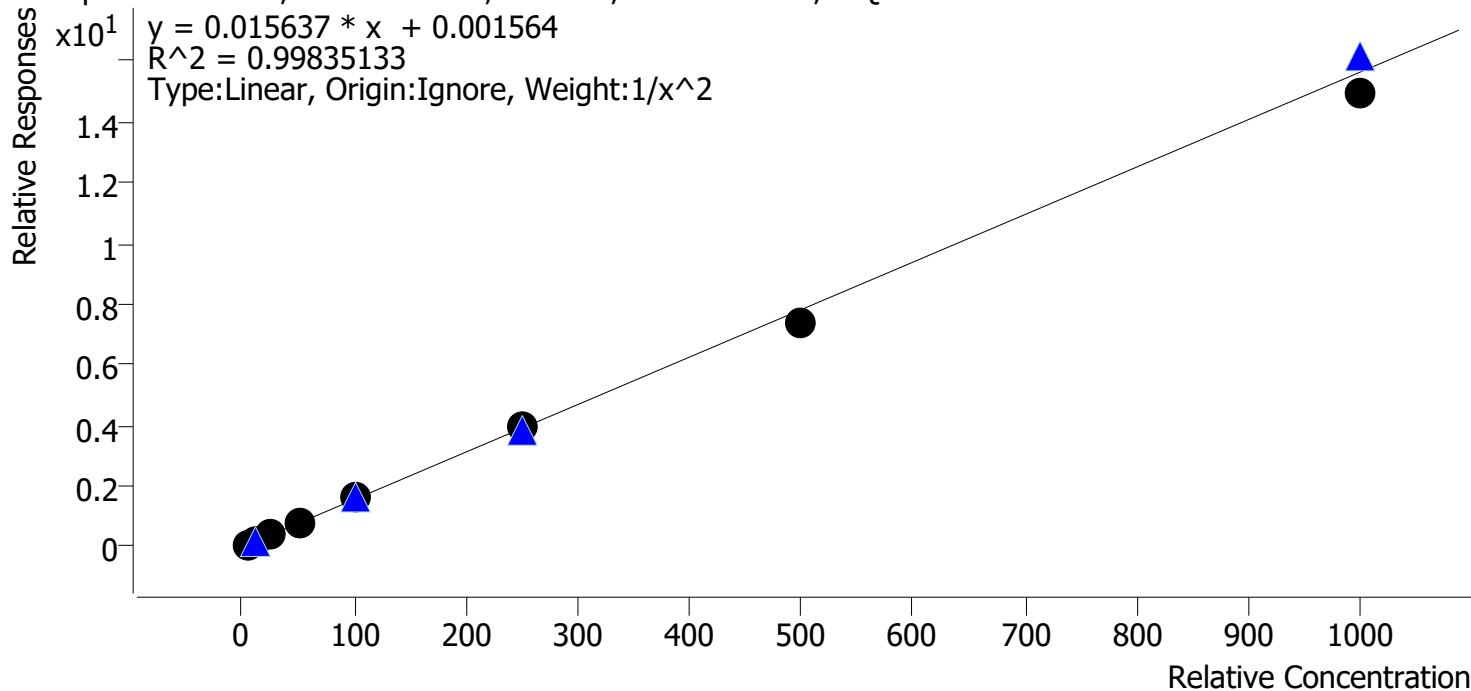
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	469.6	93.9
p1 Cal 8-1000ng	8	✓	1000.0	959.0	95.9

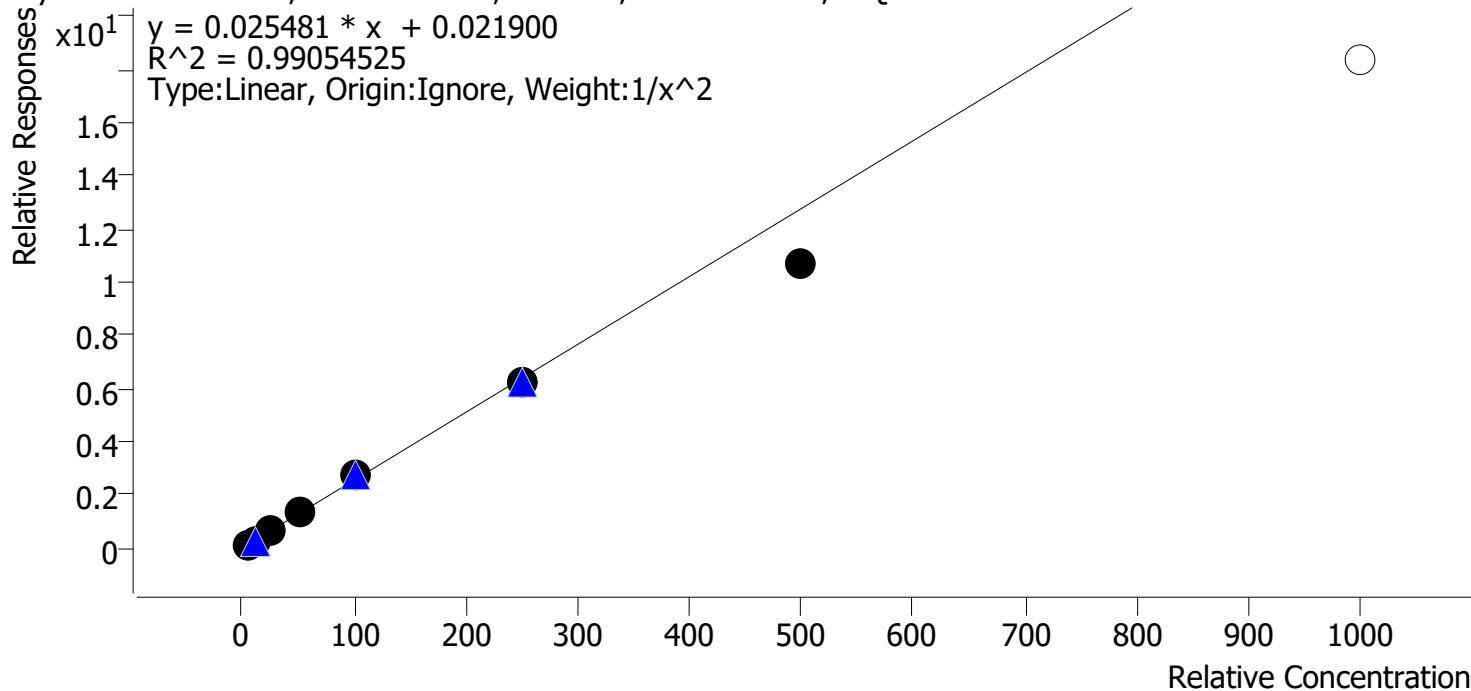
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

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



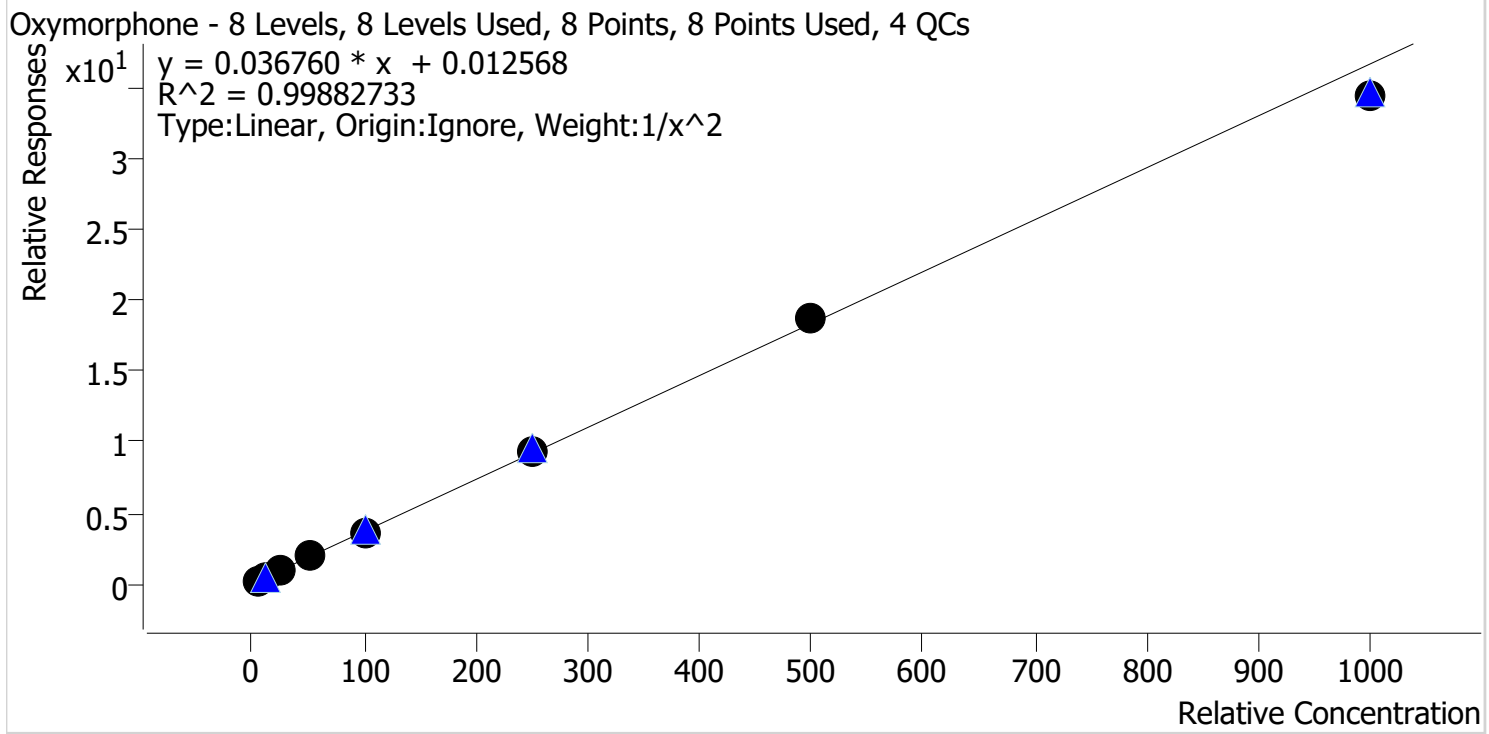
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	244.4	97.8
p1 Cal 7-500ng	7	✓	500.0	419.5	83.9
p1 Cal 8-1000ng	8	✗	1000.0	720.5	72.1

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



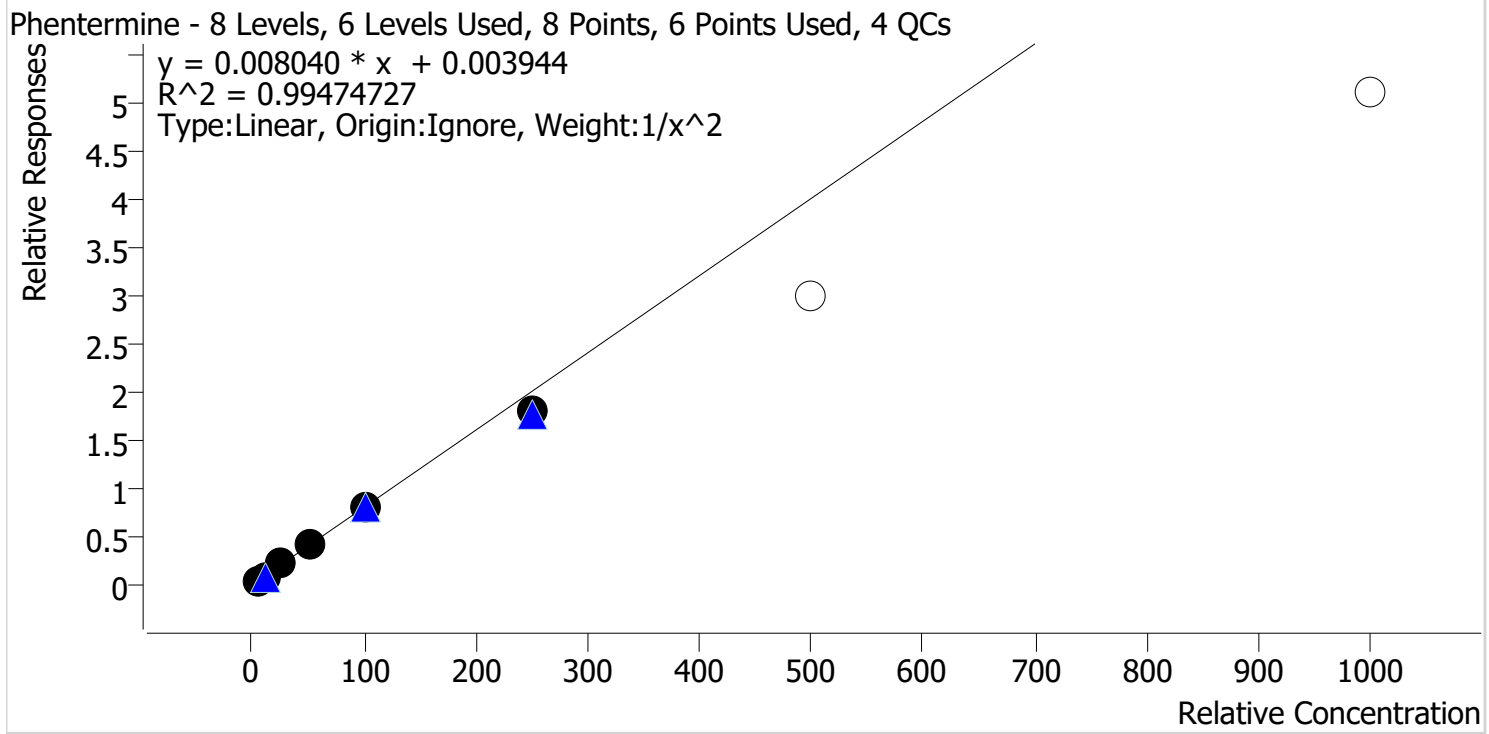
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.3
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	257.1	102.9
p1 Cal 7-500ng	7	✓	500.0	511.7	102.3
p1 Cal 8-1000ng	8	✓	1000.0	937.6	93.8

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.2
p1 Cal 4-50ng	4	✓	50.0	52.2	104.4
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	222.9	89.2
p1 Cal 7-500ng	7	x	500.0	372.1	74.4
p1 Cal 8-1000ng	8	x	1000.0	637.0	63.7

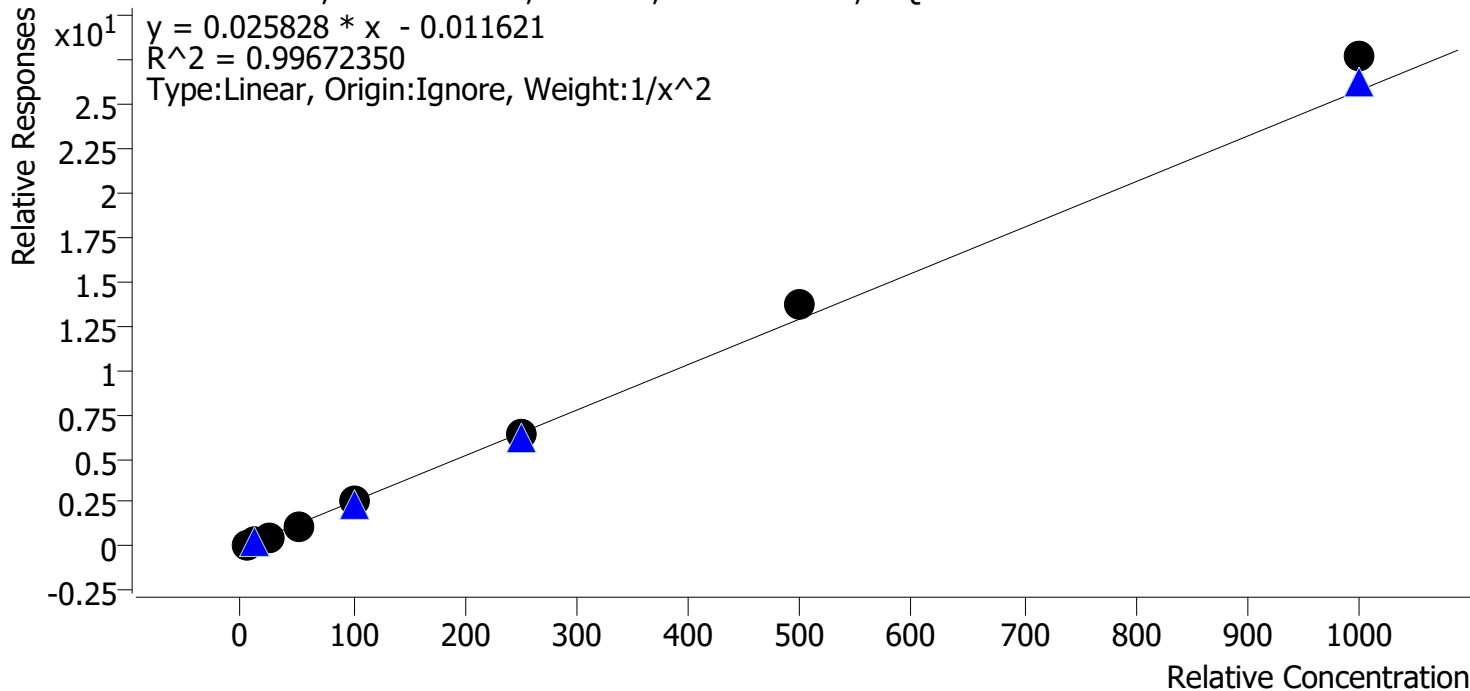
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



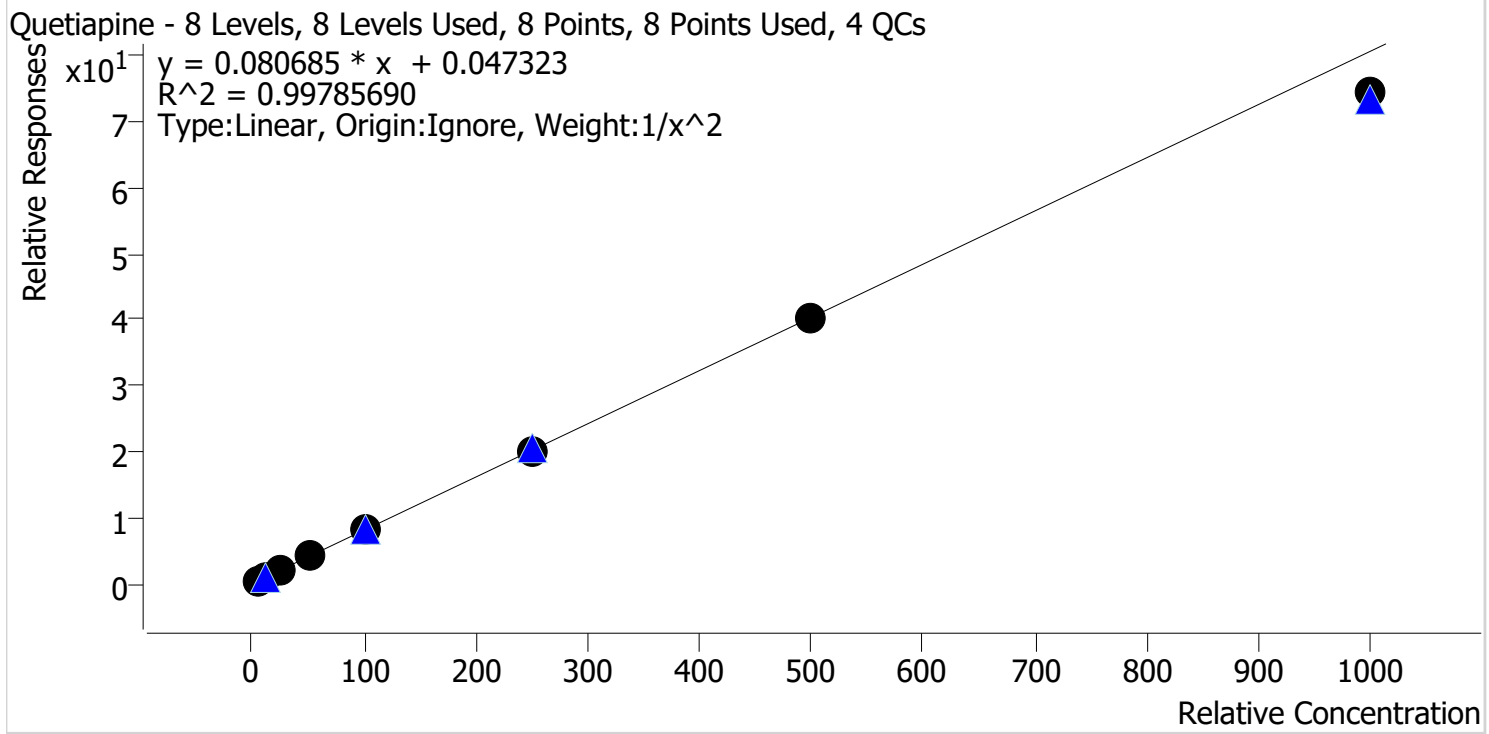
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	528.8	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1074.3	107.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



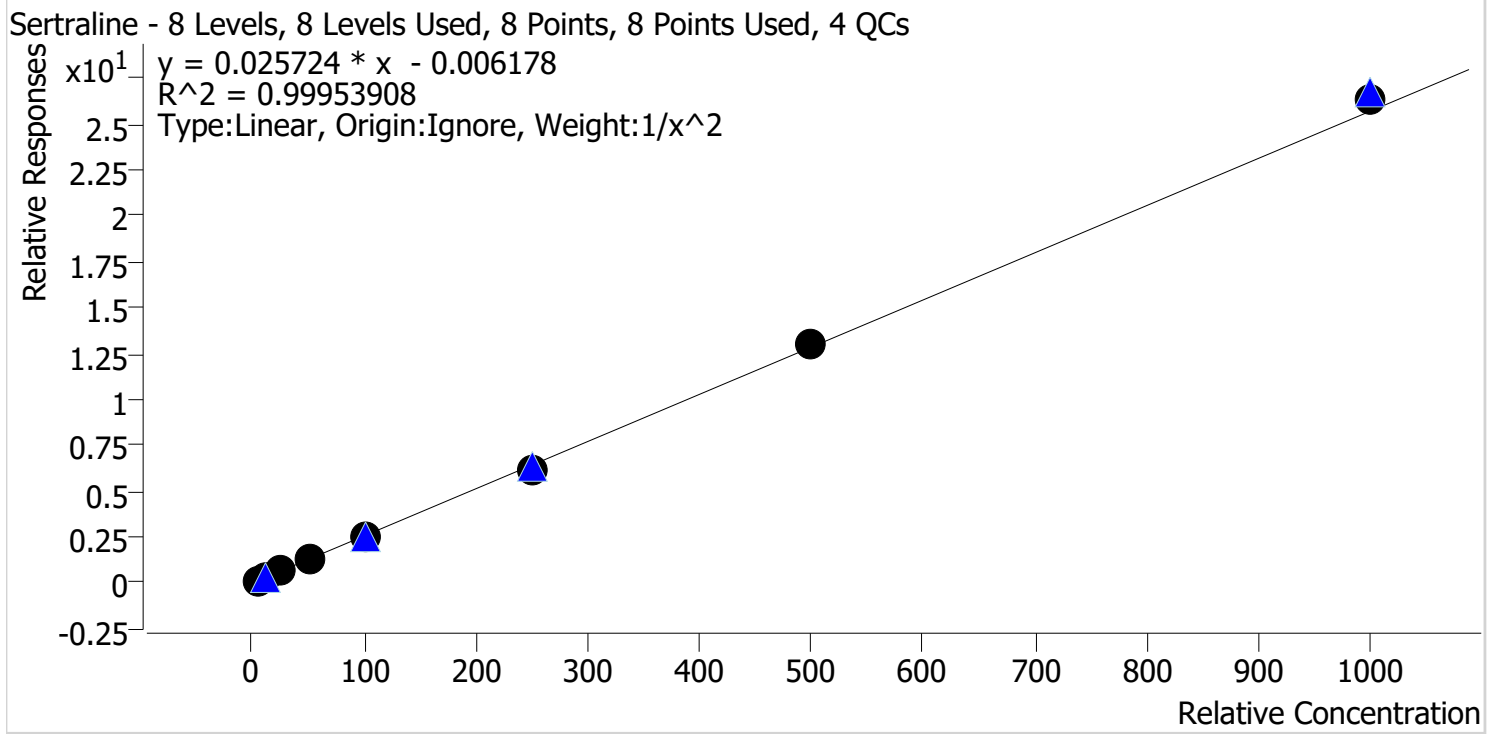
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	52.3	104.6
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	499.4	99.9
p1 Cal 8-1000ng	8	✓	1000.0	922.5	92.2

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



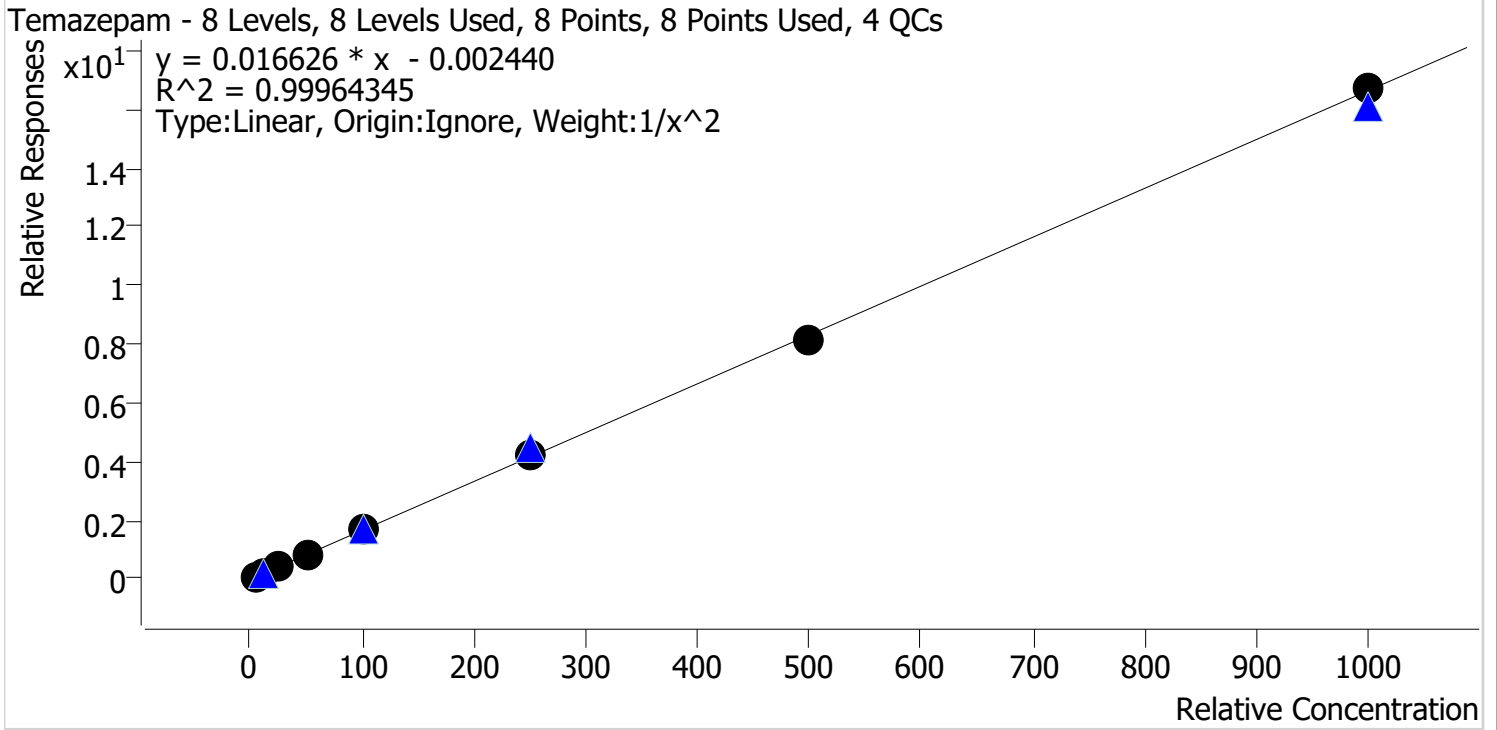
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	243.3	97.3
p1 Cal 7-500ng	7	✓	500.0	506.1	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1023.8	102.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



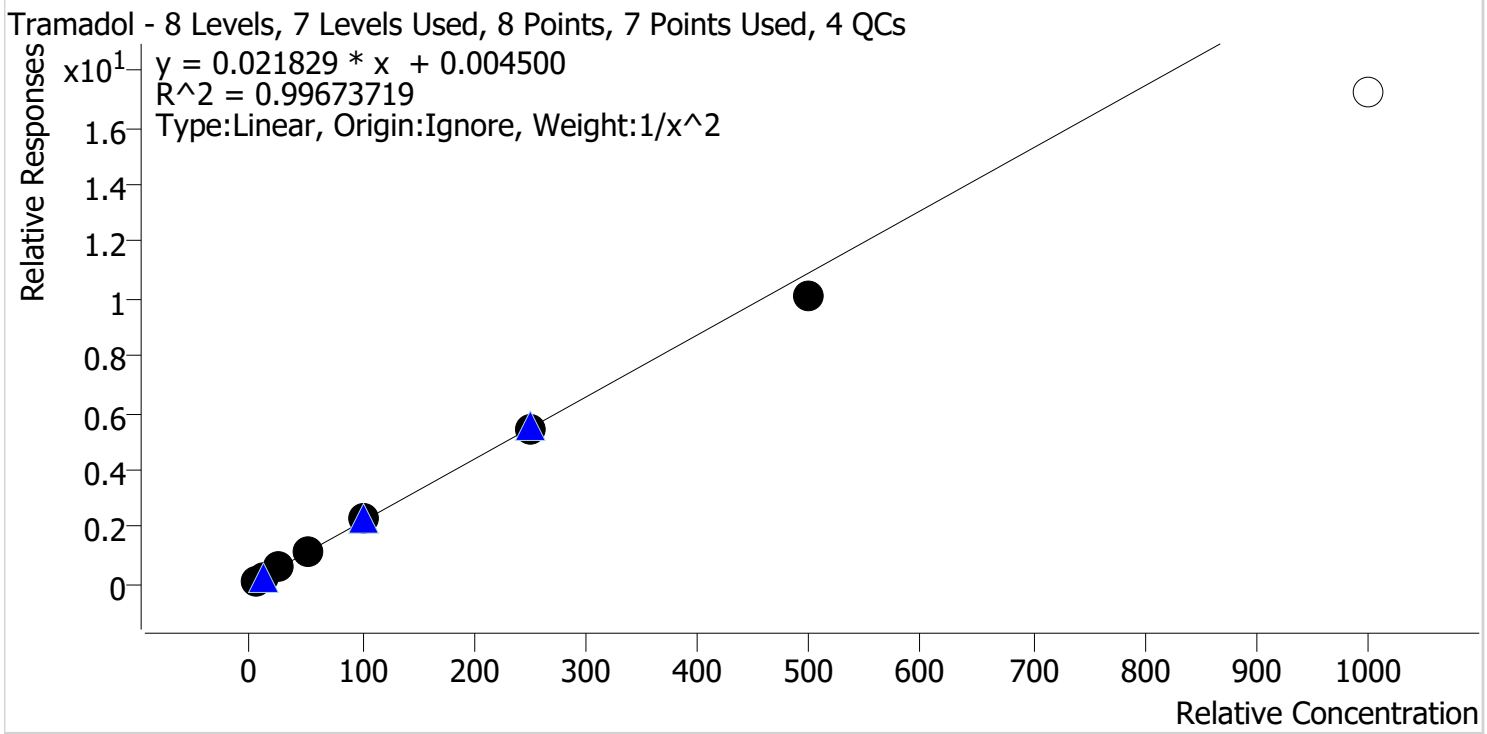
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	488.2	97.6
p1 Cal 8-1000ng	8	✓	1000.0	1004.2	100.4

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 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	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	249.0	99.6
p1 Cal 7-500ng	7	✓	500.0	461.1	92.2
p1 Cal 8-1000ng	8	✗	1000.0	789.3	78.9

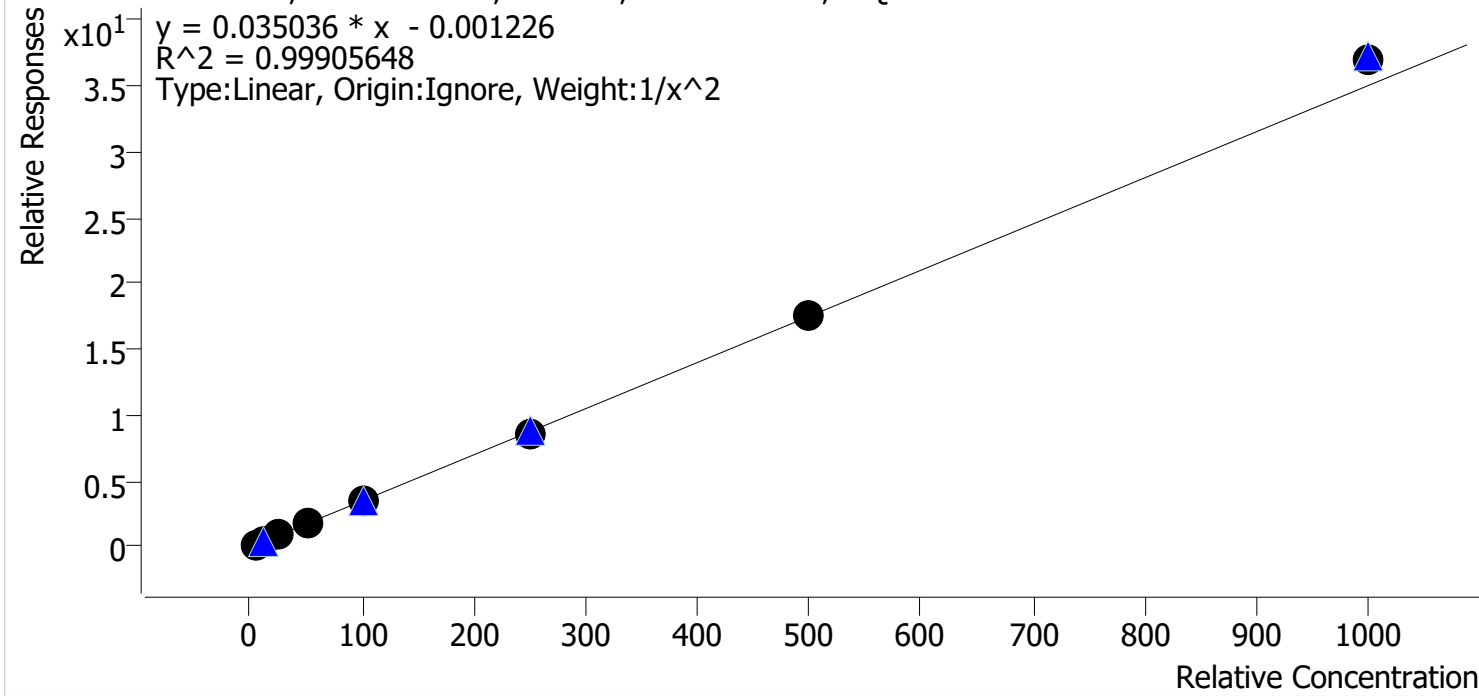
TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



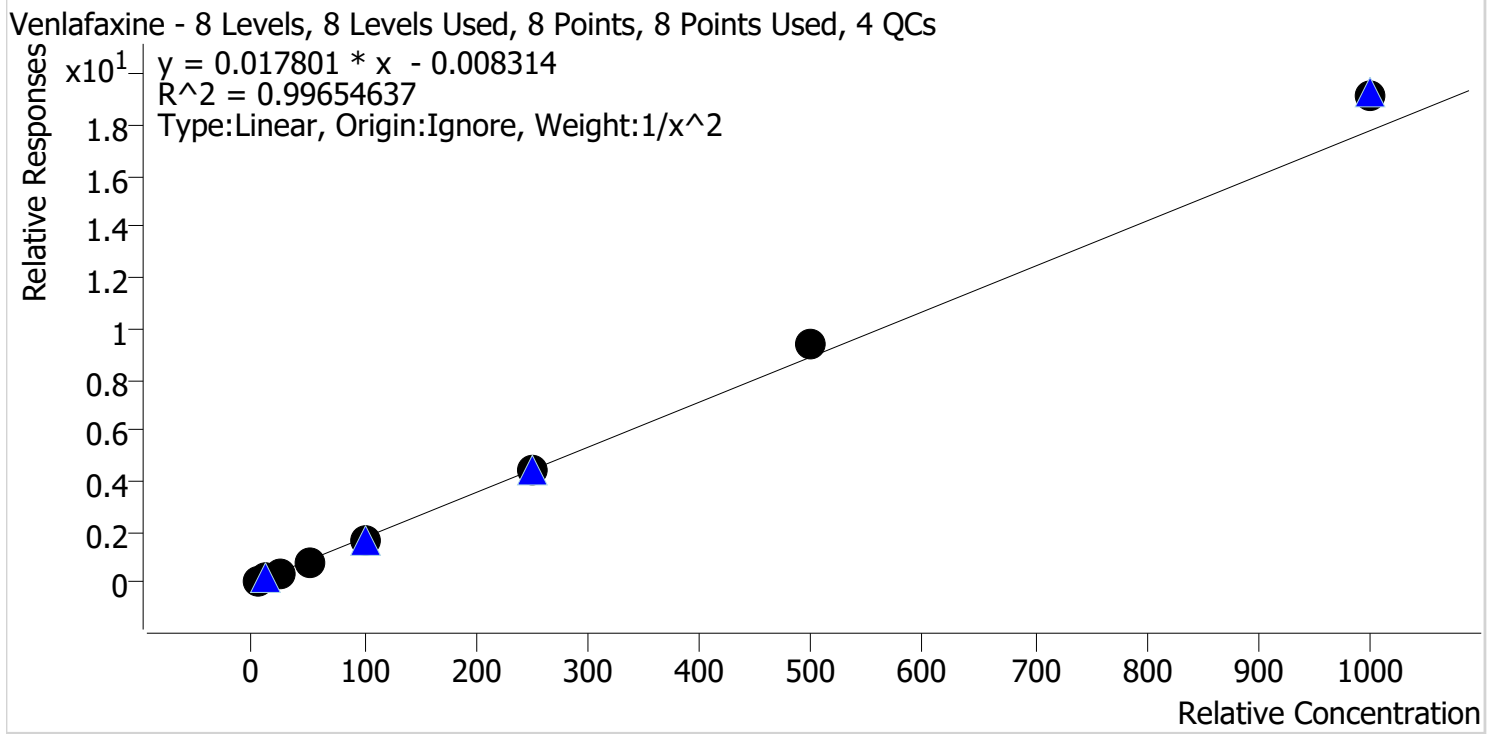
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	243.3	97.3
p1 Cal 7-500ng	7	✓	500.0	503.3	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1058.5	105.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



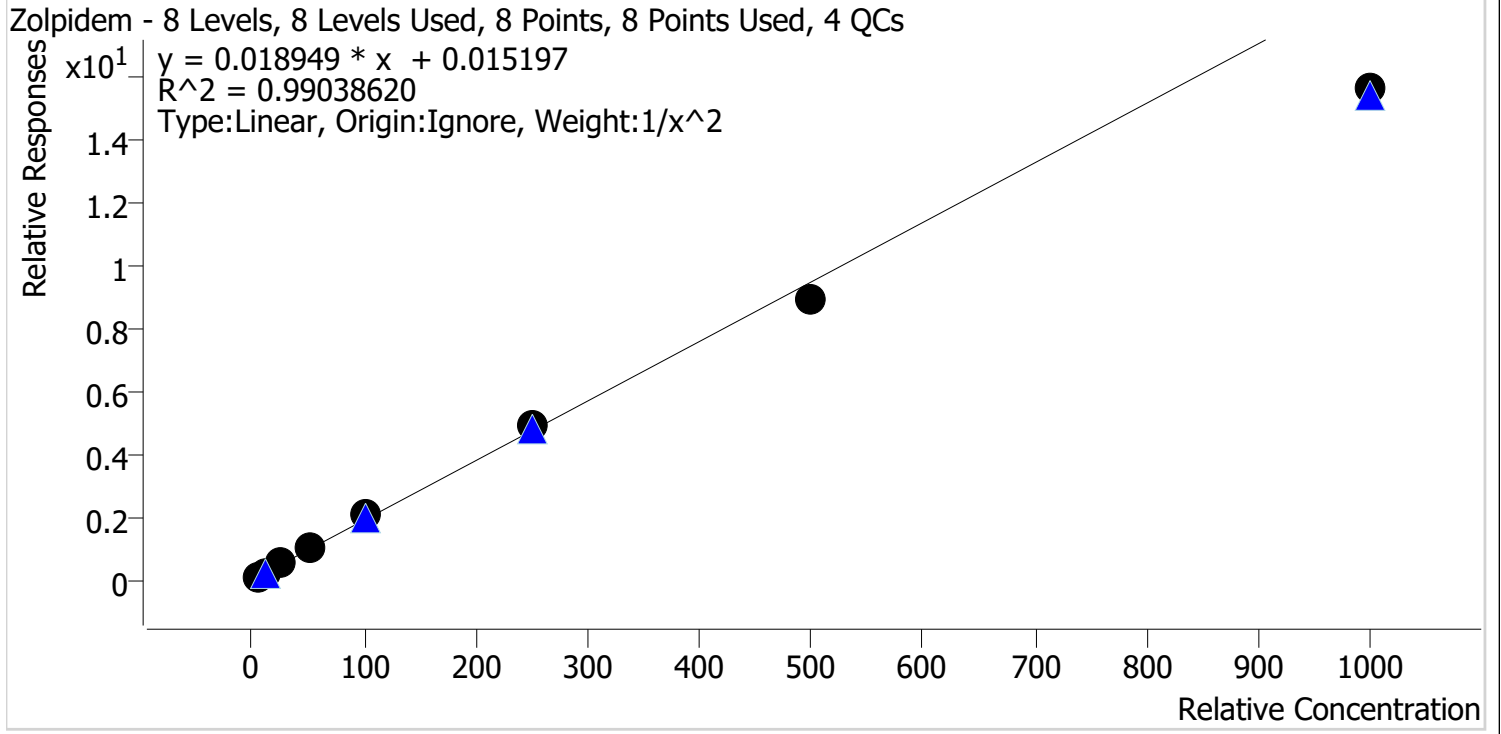
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	530.5	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1079.4	107.9

TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 5/4/2023 11:13 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	108.3	108.3
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	471.7	94.3
p1 Cal 8-1000ng	8	✓	1000.0	824.6	82.5

TS

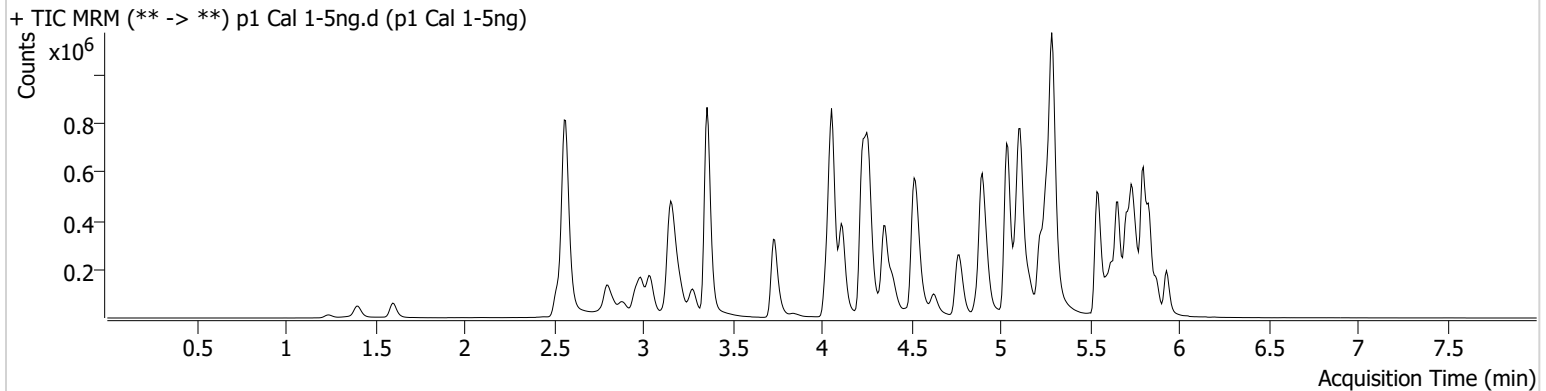


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-H12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 12:25:08 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	1550	4298.53	56.2	85.98	54308	0.5079 ng/ml
7-aminoclonazepam	4.251	17943	924.86	81.0	24817.83	146978	4.8805 ng/ml
a-hydroxyalprazolam	5.689	15004	232.84	72.8	101.77	1089218	5.0285 ng/ml
alpha-PHP	4.935	29694	298.47	262.0	365.86	825028	4.8277 ng/ml
alpha-PVP	4.363	112953	4000.36	48.3	1542.96	825028	5.0973 ng/ml
Alprazolam	5.759	54309	329.93	106.8	212.03	211149	5.2328 ng/ml
Amphetamine	3.043	218167	454.11	46.6	618.30	297705	4.7216 ng/ml
Benzoylcegonine	3.871	3338	28.09	6.6	11.47	21512	5.0903 ng/ml
Buprenorphine	5.851	2203	1035.69	18.1 High	435.70	135985	0.5321 ng/ml
Bupropion	4.785	117230	267.89	66.6	181.84	613875	5.0368 ng/ml
Carisoprodol	5.714	38000	827.31	55.0	228.85	354280	6.3532 ng/ml
Chlorpheniramine	5.118	131598	319.65	0.2	15.52	1232879	5.0093 ng/ml
Citalopram	5.225	91828	300.59	35.9	469.86	681032	5.0148 ng/ml
Clonazepam	5.601	61609	180851.83	33.7	2402.49	135177	4.7795 ng/ml
Clonazepam	5.545	32069	63488.00	33.6	9976.97	135177	4.7293 ng/ml
Cocaine	4.264	83660	30029.39	52.0	154.96	1239141	5.0541 ng/ml
Codeine	2.580	9933	20.29	107.5	14430.50	70085	4.8296 ng/ml
Cyclobenzaprine	5.625	37530	27316.95	10.5	261.04	336514	5.1489 ng/ml
Dextromethorphan	5.269	45897	120.54	80.0	76.79	373263	5.0538 ng/ml
Dextrorphan	4.118	29100	460.39	219.1	1385.16	758256	5.1489 ng/ml
Diazepam	5.938	41300	213.82	89.9	1550.00	298041	4.9703 ng/ml
Dihydrocodeine	2.552	26261	3488.70	63.3	647.18	302679	4.7821 ng/ml
Diphenhydramine	5.297	226996	4659.35	28.4	103.89	2310521	5.0364 ng/ml
DMT	2.852	7778	196.75	47.8	451.30	373263	4.7358 ng/ml
Doxylamine	4.538	198401	8738.84	97.7	794.26	1570418	5.0653 ng/ml
Duloxetine	5.651	3370	108.87	9.3	5.17	31904	5.1022 ng/ml
EDDP	5.262	72351	471.34	43.8	630.32	783685	5.1082 ng/ml
Etizolam	5.804	27395	15318.17	26.8	5423.73	135177	5.1445 ng/ml
Fentanyl	5.101	4255	34.23	74.3	4856.19	512062	0.4834 ng/ml
Flualprazolam	5.695	12610	803.24	95.6	942.28	211149	4.7396 ng/ml
Fluorofentanyl	5.162	16057	268.80	42.9	674.58	5448	0.5081 ng/ml
Fluoxetine	5.711	37823	876.84	7.8	31.94	286045	5.0664 ng/ml
Hydrocodone	3.019	35288	453.29	31.6	84.50	370508	4.7505 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydromorphone	1.609	25345	142.68	75.6	1187.06	144542	5.0107 ng/ml
Hydroxyzine	5.708	54968	1406.21	68.8	765.88	373263	5.2732 ng/ml
Ketamine	4.043	94274	8354.13	36.7	437.99	535567	4.8441 ng/ml
Lamotrigine	4.274	6409	81.24	80.3	1642.65	2086178	4.9987 ng/ml
Lorazepam	5.737	59926	975.29	50.3	44.65	720861	4.7177 ng/ml
MDA	3.191	139248	1496.79	23.1	413.46	414591	4.7502 ng/ml
MDMA	3.285	79337	5900.36	74.0	693.14	163080	4.9613 ng/ml
Meprobamate	4.895	19087	116.41	25.4	87.00	212982	4.7611 ng/ml
Methadone	5.656	125444	618.21	45.9	456.17	752270	5.1447 ng/ml
Methamphetamine	3.212	128444	705.07	40.4	486.64	1085532	4.8765 ng/ml
Metoprolol	4.320	17942	16393.78	108.1	678.41	1451063	4.9051 ng/ml
Mirtazapine	4.627	134157	4976.84	51.9	1631.58	825028	5.1770 ng/ml
Mitragynine	5.236	19849	36328.46	37.0	310.86	752270	5.0280 ng/ml
Morphine	1.247	3658	2964.52	24.7	116.98	11444	4.8991 ng/ml
Nordiazepam	5.877	32907	417.68	64.3	200.33	183937	4.9788 ng/ml
Norfentanyl	4.078	19463	881.32	35.1	137.42	1349782	0.5131 ng/ml
Norhydrocodone	3.067	2777	83.55	36.2	35.37	89545	5.2926 ng/ml
Noroxycodone	2.904	31912	159.65	50.1	195.80	164529	5.0654 ng/ml
O-desmethyl-tramadol	3.366	179572	932.21	5.8	433.36	2018874	5.1229 ng/ml
o-desmethylvenlafaxine	4.063	253958	7410.90	16.4	271.90	355870	5.2202 ng/ml
Olanzapine	4.475	33039	419.93	55.5	1050.25	148702	5.0310 ng/ml
Oxazepam	5.740	56903	450.90	78.0	61.03	720861	4.9480 ng/ml
Oxycodone	2.828	62715	898.65	30.0	664.54	435199	4.7960 ng/ml
Oxymorphone	1.405	24937	435.33	47.2	170.40	128197	4.9498 ng/ml
Phentermine	3.774	39010	263.56	4.5	10.72	906141	4.8638 ng/ml
Promethazine	5.548	103678	58590.04	29.9	86.21	851888	5.1620 ng/ml
Pseudoephedrine	2.576	261700	2466.70	15.0	2072.00	2086178	5.1690 ng/ml
Quetiapine	5.558	101723	130440.66	55.5	101029.23	226394	4.9823 ng/ml
Sertraline	5.773	12295	91.34	115.9	88.19	100414	4.9999 ng/ml
Temazepam	5.807	88673	330.87	31.1	99.52	1089218	5.0434 ng/ml
Tramadol	4.239	163551	344.23	3.6	23.83	1451063	4.9572 ng/ml
Trazodone	5.162	108754	163.15	55.9	71880.08	620808	5.0350 ng/ml
Venlafaxine	5.043	141977	1203867.27	36.0	308.29	1710781	5.1292 ng/ml
Zolpidem	4.919	155852	1945.13	29.1	797.26	1443642	4.8954 ng/ml

TS

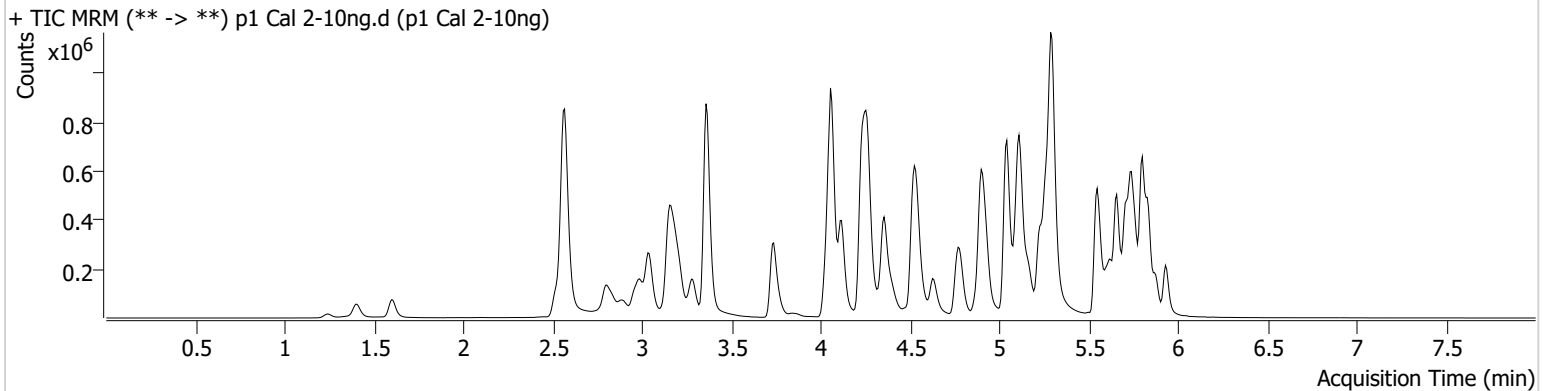


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-G12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 12:35:55 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	2843	4386.93	74.6	136.06	52560	0.9814 ng/ml
7-aminoclonazepam	4.251	32167	1245.39	78.0	1077.36	134505	10.1849 ng/ml
a-hydroxyalprazolam	5.689	26687	693.07	76.9	164.78	1035915	9.6093 ng/ml
alpha-PHP	4.935	53052	740.39	262.1	1556.17	758236	10.1648 ng/ml
alpha-PVP	4.363	204909	5858.48	49.5	715.74	758236	9.7880 ng/ml
Alprazolam	5.766	94136	668.29	115.0	784.04	198591	9.3397 ng/ml
Amphetamine	3.043	399868	969.30	46.5	455.41	277953	10.6404 ng/ml
Benzoylecgonine	3.871	6354	2619.36	9.1	18.88	22364	9.5534 ng/ml
Buprenorphine	5.851	4080	5427.61	13.4	349.65	119866	1.0339 ng/ml
Bupropion	4.785	212009	285.26	66.8	382.13	578153	9.7662 ng/ml
Carisoprodol	5.714	70988	386.45	54.7	73.11	339666	10.4409 ng/ml
Chlordiazepoxide	5.842	36351	2750.56	122.2	822.88	567393	3.5143 ng/ml
Chlorpheniramine	5.118	245810	3513.97	0.2	5.75	1130123	10.0617 ng/ml
Citalopram	5.225	167100	851.42	37.2	635.41	609384	10.0374 ng/ml
Clonazepam	5.601	114199	335.60	34.7	71356.52	124983	10.3692 ng/ml
Clonazolam	5.545	60251	84051.53	31.6	2141.28	124983	10.5469 ng/ml
Cocaine	4.264	153736	49741.06	51.5	4143.37	1150688	9.9286 ng/ml
Codeine	2.573	17614	485.28	114.8	1135.30	66036	10.0813 ng/ml
Cyclobenzaprine	5.625	67451	2641.45	9.7	145.70	279608	9.8998 ng/ml
Dextromethorphan	5.269	82736	159.60	76.6	7641.20	342796	9.8486 ng/ml
Dextrorphan	4.118	52497	19934.21	218.3	1181.40	695084	9.7207 ng/ml
Diazepam	5.938	76516	271.79	89.6	762.02	277749	10.0408 ng/ml
Dihydrocodeine	2.552	49983	3984.55	61.6	253.59	284426	10.5594 ng/ml
Diphenhydramine	5.297	416804	5330.54	28.5	1584.48	2063685	9.9999 ng/ml
DMT	2.845	14533	432.36	42.4 Low	243.76	342796	10.5392 ng/ml
Doxylamine	4.538	368985	1747.20	98.6	2104.91	1476538	9.8093 ng/ml
Duloxetine	5.651	4721	164.26	9.3	3.21	24003	9.6040 ng/ml
EDDP	5.262	125384	936.11	44.0	303.87	690230	9.8129 ng/ml
Etizolam	5.804	50293	49655.95	27.9	26401.70	124983	9.8002 ng/ml
Fentanyl	5.101	7786	179.35	68.2	10388.92	451796	1.0200 ng/ml
Flualprazolam	5.695	24504	652.39	95.2	3741.19	198591	10.5731 ng/ml
Fluorofentanyl	5.162	26088	948.60	44.8	5090.39	4436	0.9890 ng/ml
Fluoxetine	5.711	59818	470.89	7.5	102.15	218852	9.9853 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	64797	296.63	32.6	58.64	336776	10.5396 ng/ml
Hydromorphone	1.609	50460	238558.79	70.2	914.33	143951	10.0035 ng/ml
Hydroxyzine	5.708	94123	3572.36	71.9	6357.72	342796	9.4732 ng/ml
Ketamine	4.043	172515	9169.26	37.9	423.20	508432	10.3251 ng/ml
Lamotrigine	4.274	11432	266.29	88.2	6968.50	1930799	9.8553 ng/ml
Lorazepam	5.737	108227	544.49	53.0	158.31	648564	10.6647 ng/ml
MDA	3.191	259635	642.28	23.3	397.91	379614	10.6848 ng/ml
MDMA	3.285	150630	1287.79	74.5	1597.06	152925	10.0737 ng/ml
Meprobamate	4.895	36915	147.77	25.8	113.29	203960	10.4709 ng/ml
Methadone	5.656	217465	522.43	46.1	318.90	673315	9.6288 ng/ml
Methamphetamine	3.212	224894	3071.60	40.2	10983.30	1022981	10.1546 ng/ml
Metoprolol	4.327	32440	44807.31	106.7	6247.85	1367123	10.0339 ng/ml
Mirtazapine	4.627	245794	1097.41	52.8	1129.45	758236	9.6809 ng/ml
Mitragynine	5.236	34306	569.52	34.4	10939.65	673315	9.6910 ng/ml
Morphine	1.247	7294	212.23	26.9	714.59	11370	10.2795 ng/ml
Norbuprenorphine	4.997	616	808.87	76.4	1883.50	15722	1.1352 ng/ml
Nordiazepam	5.877	60795	238.33	61.2	158.79	171589	10.0503 ng/ml
Norfentanyl	4.078	36296	2790.79	35.4	205.51	1256289	0.9740 ng/ml
Norhydrocodone	3.067	5452	61.56	36.3	46.98	80839	9.4998 ng/ml
Noroxycodone	2.904	58953	338.46	47.8	300.27	159129	9.7509 ng/ml
O-desmethyl-tramadol	3.366	336597	642.90	5.8	323.27	1913398	9.7489 ng/ml
o-desmethylvenlafaxine	4.063	469239	17063.08	16.2	658.44	336025	9.5495 ng/ml
Olanzapine	4.475	42798	808.79	57.6	191.66	99922	9.7391 ng/ml
Oxazepam	5.740	102715	202.40	76.8	130.65	648564	10.0279 ng/ml
Oxycodone	2.828	115908	723.04	30.4	915.99	403001	10.4279 ng/ml
Oxymorphone	1.405	47191	∞	46.7	2770.21	121541	10.2206 ng/ml
Phentermine	3.767	73002	917.36	4.3	27.69	840407	10.3133 ng/ml
Promethazine	5.548	166643	7545.41	32.9	711.74	702052	9.6402 ng/ml
Pseudoephedrine	2.576	487886	615.14	15.4	400.09	1930799	9.7536 ng/ml
Quetiapine	5.564	176648	87.14	57.4	151882.03	210782	9.8004 ng/ml
Sertraline	5.773	17467	234.36	102.2	24623.79	68803	10.1090 ng/ml
Temazepam	5.807	166990	784.99	31.5	74.17	1035915	9.8426 ng/ml
Tramadol	4.239	304353	1034.29	3.4	126.33	1367123	9.9923 ng/ml
Trazodone	5.162	187111	5608.08	57.5	841.91	537085	9.9784 ng/ml
Venlafaxine	5.043	258761	1077.65	35.5	297.52	1554066	9.8210 ng/ml
Zolpidem	4.919	283747	3214.73	30.5	1202.44	1387637	9.9895 ng/ml

TS

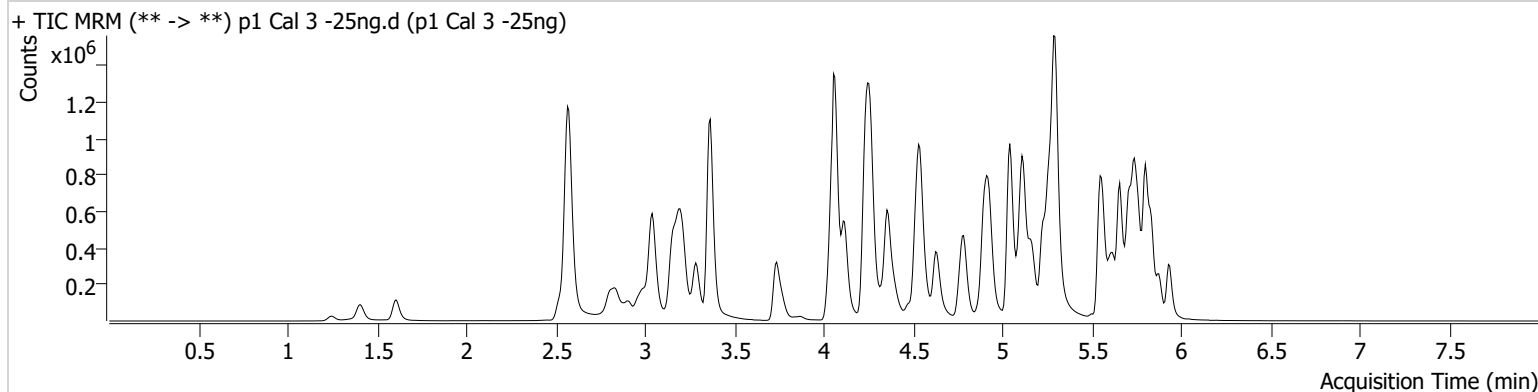


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 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	Tamara Salazar
Sample Position	P2-F12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 12:46:32 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	7461	2097.37	67.9	649.25	56785	2.4137 ng/ml
7-aminoclonazepam	4.251	79182	226.28	78.9	810.02	135246	25.8754 ng/ml
a-hydroxyalprazolam	5.689	70103	404.45	71.1	1932.74	1001252	26.5212 ng/ml
alpha-PHP	4.935	137872	2499.46	269.4	18527.94	777016	27.0465 ng/ml
alpha-PVP	4.363	533193	40070.97	48.9	441.29	777016	24.4211 ng/ml
Alprazolam	5.766	244455	475.48	111.1	1157.51	198708	23.6641 ng/ml
Amphetamine	3.043	1010931	3497.98	46.4	1953.66	293518	27.4591 ng/ml
Benzoylecgonine	3.871	15922	381.36	8.7	173.39	21521	25.3286 ng/ml
Buprenorphine	5.851	10135	10291.29	14.3	1315.69	124901	2.3592 ng/ml
Bupropion	4.785	549679	475.17	66.2	1184.91	579909	25.4071 ng/ml
Carisoprodol	5.714	174529	321.34	54.8	221.71	330411	23.2670 ng/ml
Chlordiazepoxide	5.841	91160	2529.34	120.0	1433.30	577955	22.9453 ng/ml
Chlorpheniramine	5.118	627454	1827.59	0.3	35.92	1160432	24.8038 ng/ml
Citalopram	5.225	422170	601.75	37.6	254.09	624590	24.5135 ng/ml
Clonazepam	5.601	292018	5644.67	34.0	589.48	126220	27.4559 ng/ml
Clonazolam	5.545	154135	243221.88	32.4	76082.63	126220	28.1083 ng/ml
Cocaine	4.264	390047	182.95	51.3	519.13	1173086	24.5981 ng/ml
Codeine	2.580	46282	359.17	105.3	198.87	68551	27.2397 ng/ml
Cyclobenzaprine	5.625	170209	243.57	8.9	119.17	282704	23.1164 ng/ml
Dextromethorphan	5.269	209309	784.60	79.0	2495.94	342323	24.8361 ng/ml
Dextrorphan	4.118	136252	7484.21	218.1	692.65	718635	23.7591 ng/ml
Diazepam	5.938	187416	934.85	90.2	277.92	270512	25.4965 ng/ml
Dihydrocodeine	2.552	127295	358.51	60.5	1292.93	298611	26.8290 ng/ml
Diphenhydramine	5.297	1060602	48970.90	28.6	6867.67	2088438	24.6366 ng/ml
DMT	2.852	37334	1225.08	44.1 Low	2400.37	342323	28.4869 ng/ml
Doxylamine	4.538	973182	16046.67	96.9	24721.73	1540402	24.4705 ng/ml
Duloxetine	5.651	11487	272.86	11.3	96.73	22622	24.9833 ng/ml
EDDP	5.262	343062	4703.80	43.9	9506.79	756991	24.1131 ng/ml
Etizolam	5.804	126452	1741.83	29.5	70438.41	126220	23.7725 ng/ml
Fentanyl	5.108	20603	357.86	66.4	22448.87	458408	2.6862 ng/ml
Flualprazolam	5.695	60612	801.54	99.5	66376.10	198708	27.2161 ng/ml
Fluorofentanyl	5.162	67702	1699.30	44.7	2089.57	4656	2.4081 ng/ml
Fluoxetine	5.711	136754	441.66	8.3	100.89	200858	24.1919 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	167411	271.64	32.9	286.02	351227	27.4756 ng/ml
Hydromorphone	1.609	122820	6930.69	75.4	564.51	140915	24.8530 ng/ml
Hydroxyzine	5.708	225508	545.86	75.4	76894.57	342323	22.1475 ng/ml
Ketamine	4.043	432407	1060.43	38.3	1718.17	532324	26.2022 ng/ml
Lamotrigine	4.281	29579	339.85	85.1	891.46	1980921	25.2166 ng/ml
Lorazepam	5.737	249494	5884.06	53.5	280.85	629375	26.9661 ng/ml
MDA	3.191	644427	3556.02	22.8	1333.04	396876	26.7080 ng/ml
MDMA	3.285	387658	4547.98	73.8	1823.84	156871	25.3153 ng/ml
Meprobamate	4.901	94268	26070.99	26.0	188.98	205899	27.7703 ng/ml
Methadone	5.656	561142	450.13	46.9	39692.78	676843	24.1550 ng/ml
Methamphetamine	3.219	570483	1212.97	40.1	471.82	1074476	26.3291 ng/ml
Metoprolol	4.327	85020	719.48	106.2	1292.28	1405178	26.6324 ng/ml
Mirtazapine	4.634	637928	2019.07	51.8	1285.47	777016	23.5318 ng/ml
Mitragynine	5.236	90865	60393.97	36.1	20587.23	676843	25.5033 ng/ml
Morphine	1.253	16927	∞	27.0	216.36	11053	25.1528 ng/ml
Norbuprenorphine	4.997	1142	695.88	78.5	913.43	17961	2.1033 ng/ml
Nordiazepam	5.884	150075	25542.09	62.0	1424.71	171481	25.1108 ng/ml
Norfentanyl	4.078	91675	4632.38	36.9	503.55	1250641	2.3883 ng/ml
Norhydrocodone	3.067	13762	121.64	37.7	146.42	78488	21.9583 ng/ml
Noroxycodone	2.911	149965	168.85	47.9	998.40	159096	24.9382 ng/ml
O-desmethyl-tramadol	3.366	878794	26076.22	5.9	419.08	1977116	24.0343 ng/ml
o-desmethylvenlafaxine	4.063	1222086	30384.72	16.3	1821.38	343306	23.2656 ng/ml
Olanzapine	4.475	138041	1587.43	54.4	637.69	123707	25.4424 ng/ml
Oxazepam	5.747	253416	398.41	76.5	868.74	629375	25.6493 ng/ml
Oxycodone	2.835	300472	1953.83	30.7	1098.32	430059	26.5600 ng/ml
Oxymorphone	1.405	118573	2808.67	46.4	362.29	129028	24.6577 ng/ml
Phentermine	3.774	185974	567.22	4.4	26.26	871422	26.0527 ng/ml
Promethazine	5.548	427535	1976.15	31.9	1280.23	701995	24.0301 ng/ml
Pseudoephedrine	2.576	1244482	8705.81	15.3	20360.62	1980921	23.2850 ng/ml
Quetiapine	5.564	452675	8219.52	55.7	352.34	210943	26.0104 ng/ml
Sertraline	5.773	41027	883.44	101.7	22037.29	66020	24.3981 ng/ml
Temazepam	5.807	411819	7008.16	30.4	390.97	1001252	24.8859 ng/ml
Tramadol	4.239	806589	1072.15	3.6	204.22	1405178	26.0894 ng/ml
Trazodone	5.162	482062	26189.02	57.0	365525.47	560771	24.5706 ng/ml
Venlafaxine	5.042	673278	1495.49	35.9	1177.03	1625983	23.7289 ng/ml
Zolpidem	4.919	736453	4157.19	29.6	1881.54	1429316	26.3900 ng/ml

TS

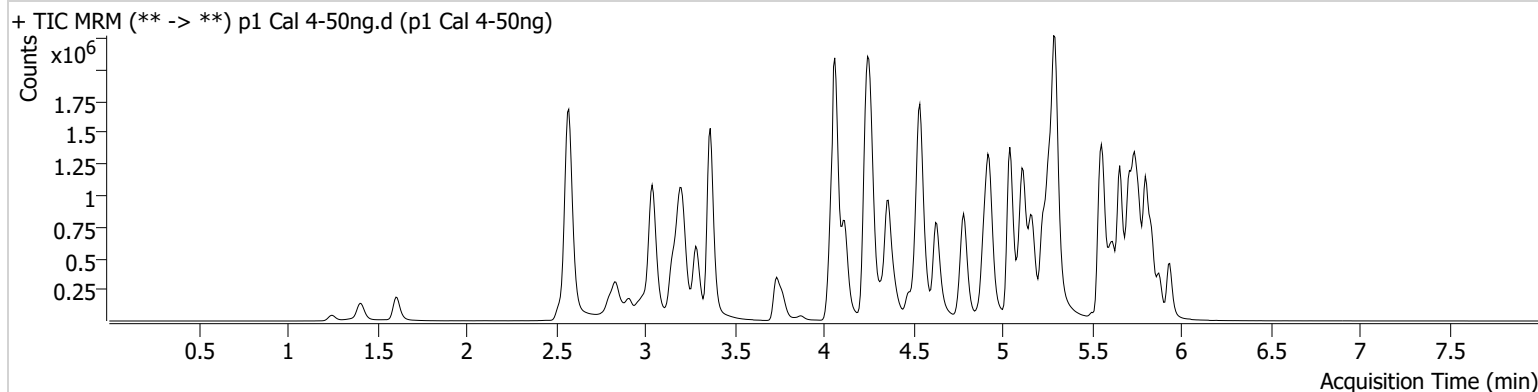


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-E12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 12:57:09 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	15571	982.13	68.8	43747.95	57424	5.0033 ng/ml
7-aminoclonazepam	4.258	165166	∞	78.5	346.47	139738	52.9011 ng/ml
a-hydroxyalprazolam	5.689	128022	565.00	71.3	357.08	951502	51.1829 ng/ml
alpha-PHP	4.935	288187	2178.43	266.1	2939.72	830917	53.6550 ng/ml
alpha-PVP	4.363	1129111	55124.68	49.5	14165.86	830917	48.0847 ng/ml
Alprazolam	5.766	469084	3746.11	108.7	972.61	190305	47.0521 ng/ml
Amphetamine	3.043	1984339	1374.42	46.4	10026.88	300545	53.9446 ng/ml
Benzoylcegonine	3.871	33908	697.72	8.4	15027.33	23034	50.6775 ng/ml
Buprenorphine	5.851	23265	140.45	14.3	6726.41	138205	4.8123 ng/ml
Bupropion	4.785	1169498	26327.13	65.8	700.39	626810	50.1109 ng/ml
Carisoprodol	5.714	309747	444.38	55.4	1916.98	290519	44.8822 ng/ml
Chlordiazepoxide	5.842	177029	4323.85	127.8	1242.47	577953	53.7679 ng/ml
Chlorpheniramine	5.118	1340511	28020.67	0.3	94.10	1268579	48.3398 ng/ml
Citalopram	5.225	889776	45821.94	36.7	441537.39	659123	48.8029 ng/ml
Clonazepam	5.601	545632	620.74	33.7	197.93	124113	52.8771 ng/ml
Clonazolam	5.545	284532	242595.19	32.1	62496.26	124113	53.5646 ng/ml
Cocaine	4.264	798699	15993.11	52.5	6588.03	1211992	48.6795 ng/ml
Codeine	2.580	91379	302.99	104.5	4367.31	66589	56.5272 ng/ml
Cyclobenzaprine	5.631	401239	404346.74	9.2	507.76	327572	45.9284 ng/ml
Dextromethorphan	5.276	432339	9212.18	77.7	9257.73	358558	48.9055 ng/ml
Dextrorphan	4.118	286168	55335.62	215.2	888.05	753467	47.1669 ng/ml
Diazepam	5.938	359939	3050.88	90.5	389.55	267201	49.7267 ng/ml
Dihydrocodeine	2.552	252372	329.62	62.4	4296.56	312041	51.6656 ng/ml
Diphenhydramine	5.297	2182957	100169.63	29.1	299.40	2202444	47.7638 ng/ml
DMT	2.852	70146	864.72	49.5	4651.58	358558	51.7939 ng/ml
Doxylamine	4.538	2087517	38459.48	97.6	4167.76	1630909	49.3568 ng/ml
Duloxetine	5.651	29324	3210.15	10.6	435.90	28753	50.2967 ng/ml
EDDP	5.262	746434	349.87	44.0	6739.31	830918	47.5555 ng/ml
Etizolam	5.804	241541	67955.26	28.0	24578.54	124113	45.7831 ng/ml
Fentanyl	5.108	44192	399.66	68.8	91.76	494897	5.3529 ng/ml
Flualprazolam	5.695	110856	4405.54	104.2	5752.85	190305	52.6414 ng/ml
Fluorofentanyl	5.162	155976	1240.00	43.7	10378.68	5322	4.8291 ng/ml
Fluoxetine	5.711	322064	9963.37	8.1	407.77	241032	47.0377 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	329871	334.29	32.8	180.11	368000	52.4853 ng/ml
Hydromorphone	1.615	251501	1882.52	74.7	6852.06	146172	49.0487 ng/ml
Hydroxyzine	5.708	508449	4583.67	71.8	6828.76	358558	47.1964 ng/ml
Ketamine	4.043	886232	52760.37	38.1	468.55	559493	52.1059 ng/ml
Lamotrigine	4.281	60203	693.74	84.5	69213.53	1991879	51.2854 ng/ml
Lorazepam	5.737	458497	17855.60	53.6	491.71	588657	54.1278 ng/ml
MDA	3.191	1236285	1862.75	22.3	2159.79	394661	52.4320 ng/ml
MDMA	3.285	801062	2695.79	74.7	4263.18	162882	50.4092 ng/ml
Meprobamate	4.901	181154	225.36	24.7	165.82	212061	52.5414 ng/ml
Methadone	5.656	1199372	797.16	45.9	1269.76	718791	48.2525 ng/ml
Methamphetamine	3.219	1155880	1507.73	40.0	1274.66	1118955	52.4318 ng/ml
Metoprolol	4.327	171218	488.74	109.6	50947.52	1497867	50.9154 ng/ml
Mirtazapine	4.627	1364177	55705.88	50.9	39274.67	830917	46.4136 ng/ml
Mitragynine	5.236	198593	3478.09	36.8	257795.30	718791	52.4663 ng/ml
Morphine	1.253	35898	3683.43	25.8	3483.51	11614	51.2173 ng/ml
Norbuprenorphine	4.997	2396	2909.01	85.6	1960.14	17870	4.8987 ng/ml
Nordiazepam	5.884	283381	9009.64	62.9	1108.71	164054	49.7516 ng/ml
Norfentanyl	4.078	180980	2074.02	36.8	1178.95	1244787	4.6842 ng/ml
Norhydrocodone	3.067	27126	202.98	37.7	34.29	72848	44.7087 ng/ml
Noroxycodone	2.911	296378	5273.58	49.5	1514.27	159632	49.2011 ng/ml
O-desmethyl-tramadol	3.366	1835062	408902.91	5.9	5882.89	2072634	47.4859 ng/ml
o-desmethylvenlafaxine	4.063	2520018	59480.36	16.3	3203.77	352086	46.0758 ng/ml
Olanzapine	4.475	372138	1890.46	55.2	790.48	167092	50.8235 ng/ml
Oxazepam	5.747	471154	7071.05	77.0	3023.96	588657	51.0849 ng/ml
Oxycodone	2.835	623437	850.52	30.6	1428.76	453944	53.0386 ng/ml
Oxymorphone	1.411	240359	690.86	46.9	∞	128239	50.6461 ng/ml
Phentermine	3.774	388228	7404.73	4.4	125.14	916272	52.2073 ng/ml
Promethazine	5.548	998709	43749.20	31.8	917.51	832647	46.8893 ng/ml
Pseudoephedrine	2.576	2520682	1152.02	15.2	7110.80	1991879	46.2457 ng/ml
Quetiapine	5.564	957996	2349.27	57.2	79830.69	224521	52.2966 ng/ml
Sertraline	5.773	102150	437.16	98.3	1880.64	80627	49.4918 ng/ml
Temazepam	5.807	781367	3696.94	30.2	349.70	951502	49.5400 ng/ml
Tramadol	4.246	1599766	∞	3.5	∞	1497867	48.7205 ng/ml
Trazodone	5.162	1036038	79118.95	59.8	74756.98	603932	48.9979 ng/ml
Venlafaxine	5.043	1407250	65055.39	36.7	330.55	1702626	46.8990 ng/ml
Zolpidem	4.919	1542862	5753.65	29.5	1401.44	1504556	53.3163 ng/ml

TS

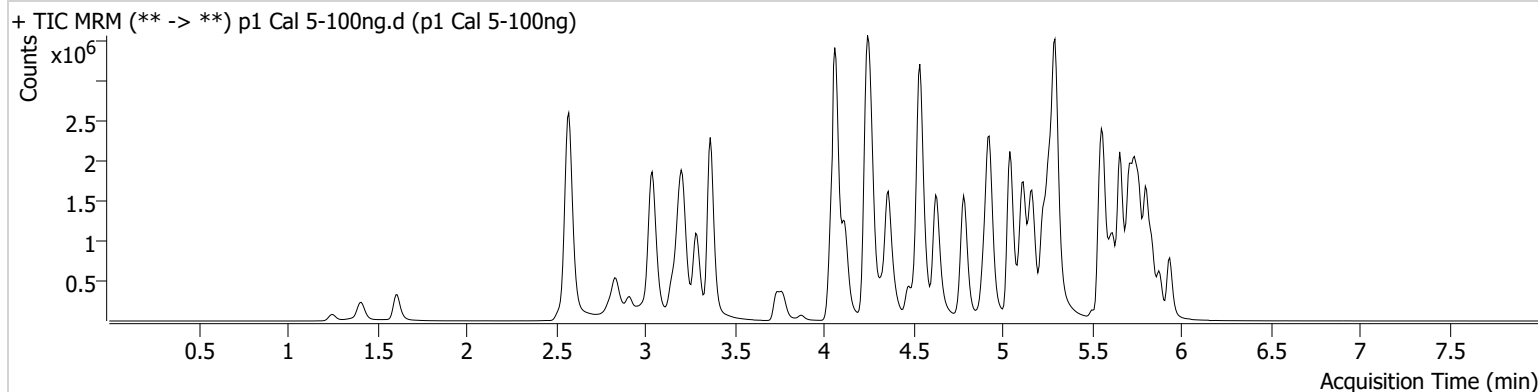


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 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	Tamara Salazar
Sample Position	P2-D12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 1:07:46 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	31840	5209.85	65.7	1162.83	59326	9.9228 ng/ml
7-aminoclonazepam	4.258	316820	206.34	81.0	4693.88	133711	106.7023 ng/ml
a-hydroxyalprazolam	5.689	222125	769.21	73.3	837.52	846531	100.0408 ng/ml
alpha-PHP	4.935	562467	6117.23	263.1	6169.61	816424	107.3947 ng/ml
alpha-PVP	4.363	2271105	58326.99	49.5	13266.06	816424	98.1407 ng/ml
Alprazolam	5.766	965271	2652.95	108.2	∞	179291	102.3442 ng/ml
Amphetamine	3.043	3653860	7975.31	46.1	3240.83	304062	99.3496 ng/ml
Benzoylcegonine	3.877	67701	288.69	8.2	69.76	23406	99.8478 ng/ml
Buprenorphine	5.851	46213	20628.62	14.6	7056.83	137138	9.5570 ng/ml
Bupropion	4.785	2361969	28892.95	66.5	519.49	627817	101.1482 ng/ml
Carisoprodol	5.721	535585	270.71	56.1	1874.46	242265	90.8697 ng/ml
Chlordiazepoxide	5.841	345903	5294.18	126.4	3999.49	562291	117.8438 ng/ml
Chlorpheniramine	5.118	2776392	9104.25	0.3	111.22	1273514	99.5813 ng/ml
Citalopram	5.225	1779339	1017.40	36.2	10799.58	625698	102.6354 ng/ml
Clonazepam	5.608	1027959	895.59	34.9	554.25	121386	102.5833 ng/ml
Clonazolam	5.552	493648	18541.45	34.6	293130.45	121386	95.7220 ng/ml
Cocaine	4.264	1568903	185354.10	52.9	1533.46	1196644	96.7750 ng/ml
Codeine	2.580	161645	529.33	103.9	193986.69	64415	104.3020 ng/ml
Cyclobenzaprine	5.631	847404	4579.75	8.9	713.81	333562	94.1142 ng/ml
Dextromethorphan	5.276	869517	11172.90	77.5	12736.52	351794	100.1716 ng/ml
Dextrorphan	4.118	577123	908.19	213.0	1169.33	730506	97.6526 ng/ml
Diazepam	5.938	741730	1217.24	88.6	12416.15	270499	101.3903 ng/ml
Dihydrocodeine	2.552	491214	625.34	63.2	268.68	316029	100.0777 ng/ml
Diphenhydramine	5.297	4443473	101414.69	28.5	66367.78	2150617	99.2041 ng/ml
DMT	2.852	122010	296.87	59.0	14675.39	351794	92.4970 ng/ml
Doxylamine	4.538	4322629	18206.67	97.1	177767.84	1635604	101.6810 ng/ml
Duloxetine	5.651	61005	2558.97	10.9	5061.30	30664	98.2268 ng/ml
EDDP	5.262	1448792	18108.11	43.0	318.47	777750	98.3485 ng/ml
Etizolam	5.804	494176	18419.36	27.1	28715.22	121386	95.3140 ng/ml
Fentanyl	5.108	90819	136.35	68.0	64541.71	524472	10.3957 ng/ml
Flualprazolam	5.695	206901	2646.73	105.8	6688.50	179291	105.0042 ng/ml
Fluorofentanyl	5.162	330972	1259.11	43.2	185385.78	5582	9.7436 ng/ml
Fluoxetine	5.711	636904	858.31	7.8	46615.50	225979	98.7095 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	638523	582.11	34.0	803.89	375748	100.3274 ng/ml
Hydromorphone	1.615	511585	4497006.30	74.0	16106.34	143574	101.5622 ng/ml
Hydroxyzine	5.708	1014890	72286.97	75.7	16584.05	351794	95.5886 ng/ml
Ketamine	4.043	1750157	1836.67	37.4	4570.44	552012	105.3613 ng/ml
Lamotrigine	4.281	114754	2694.36	87.3	19021.47	1845390	105.7673 ng/ml
Lorazepam	5.737	723299	6400.82	52.5	1134.12	489745	103.6975 ng/ml
MDA	3.191	2204297	13233.09	21.5	2503.49	373510	99.6429 ng/ml
MDMA	3.292	1582635	68880.80	75.0	5887.21	160789	100.9164 ng/ml
Meprobamate	4.901	317819	352.86	25.3	1156.49	195633	100.6762 ng/ml
Methadone	5.656	2460659	80565.76	46.5	1496.97	723393	97.9941 ng/ml
Methamphetamine	3.219	2368921	712.43	39.5	21637.96	1142333	106.5422 ng/ml
Metoprolol	4.327	342650	427309.35	106.1	223426.59	1424269	107.9062 ng/ml
Mirtazapine	4.627	2804155	9215.38	50.6	4691.22	816424	96.3970 ng/ml
Mitragynine	5.236	390226	9131.46	36.4	228.58	723393	102.4196 ng/ml
Morphine	1.253	74503	603.90	24.7	313.58	11529	107.5602 ng/ml
Norbuprenorphine	4.997	5031	55.92	81.8	7297.82	17828	10.7729 ng/ml
Nordiazepam	5.884	575532	781.79	61.6	605.10	160724	103.3446 ng/ml
Norfentanyl	4.085	346144	14298.59	38.1	506.68	1109872	9.9864 ng/ml
Norhydrocodone	3.067	53229	211.11	38.5	90.28	64981	96.2969 ng/ml
Noroxycodone	2.911	567338	1208.78	47.6	3103.73	147116	102.2841 ng/ml
O-desmethyl-tramadol	3.366	3748389	7000.32	5.8	12585.45	2022996	98.9488 ng/ml
o-desmethylvenlafaxine	4.077	5019788	60066.25	16.0	3477.39	328074	97.7074 ng/ml
Olanzapine	4.475	723696	2956.71	56.8	3103.40	160554	102.9059 ng/ml
Oxazepam	5.747	797463	349.23	78.7	4614.21	489745	104.0314 ng/ml
Oxycodone	2.828	1237029	1053.95	30.3	2820.33	455037	105.8286 ng/ml
Oxymorphone	1.411	478015	∞	46.3	∞	129694	99.9237 ng/ml
Phentermine	3.774	760091	2190.08	4.2	118.51	924180	101.8008 ng/ml
Promethazine	5.548	2087349	31740.65	32.2	∞	835111	97.2241 ng/ml
Pseudoephedrine	2.576	4924116	46591.28	15.0	2407.44	1845390	96.7921 ng/ml
Quetiapine	5.564	1827944	52286.14	59.5	51902.67	218568	103.0675 ng/ml
Sertraline	5.780	238446	2254.39	94.8	488.15	91621	101.4112 ng/ml
Temazepam	5.807	1425597	14514.58	29.5	1180.43	846531	101.4390 ng/ml
Tramadol	4.239	3342909	1072.09	3.5	116.05	1424269	107.3151 ng/ml
Trazodone	5.162	2131679	90211.82	61.2	32725.32	612288	99.4028 ng/ml
Venlafaxine	5.042	2893928	1040.30	35.1	916.85	1679582	97.2617 ng/ml
Zolpidem	4.919	3094642	139892.24	28.9	30988.41	1496677	108.3188 ng/ml

TS

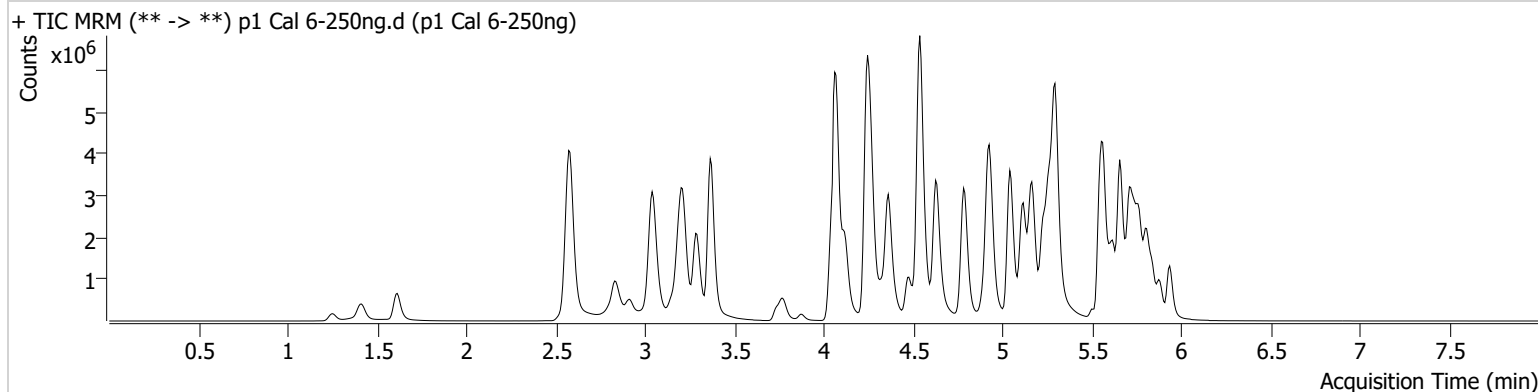


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 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	Tamara Salazar
Sample Position	P2-C12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 1:18:22 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	71963	192.51	66.7	77854.56	52013	25.6128 ng/ml
7-aminoclonazepam	4.258	546999	13695.68	79.2	29898.03	98529	250.8799 ng/ml
a-hydroxyalprazolam	5.682	330522	766.66	74.3	454.81	512584	246.1868 ng/ml
alpha-PHP	4.935	1091866	1126.48	269.1	9718.63	673763	253.7341 ng/ml
alpha-PVP	4.363	4775040	60450.36	49.5	76202.19	673763	249.5980 ng/ml
Alprazolam	5.766	1792666	5326.15	106.2	1117.36	126439	268.9297 ng/ml
Amphetamine	3.043	6548451	4048.12	44.5	3064.72	265749	205.2204 ng/ml
Benzoylcegonine	3.877	170456	59785.22	7.6	2247.46	23200	254.0600 ng/ml
Buprenorphine	5.851	103411	141175.50	14.7	19789.20	120710	24.1788 ng/ml
Bupropion	4.785	5145461	4829.62	65.8	16077.93	542699	255.0632 ng/ml
Carisoprodol	5.721	795965	427827.20	55.5	20405.47	137566	234.5235 ng/ml
Chlordiazepoxide	5.841	579697	6974.69	139.5	12626.06	431593	268.8708 ng/ml
Chlorpheniramine	5.118	5959845	111727.63	0.3	326.10	1092728	248.9176 ng/ml
Citalopram	5.225	3430897	30786.56	37.2	20167.16	490205	252.3725 ng/ml
Clonazepam	5.601	1784310	50473.15	34.0	686550.17	86384	251.3391 ng/ml
Clonazolam	5.545	772763	780858.01	34.3	393621.77	86384	211.6493 ng/ml
Cocaine	4.264	3117802	325062.01	52.7	1899.17	933770	246.3415 ng/ml
Codeine	2.586	279216	6915.89	104.1	8027.15	50392	231.6592 ng/ml
Cyclobenzaprine	5.625	1832012	37863.80	8.9	190.06	270138	249.4608 ng/ml
Dextromethorphan	5.276	1642498	32074.47	78.2	25502.16	264822	251.2536 ng/ml
Dextrorphan	4.118	1186361	3594.15	214.6	13667.02	580249	252.0448 ng/ml
Diazepam	5.938	1415116	7265.78	88.4	1423.94	210693	248.5799 ng/ml
Dihydrocodeine	2.552	967145	47618.28	63.4	342.83	284232	220.0972 ng/ml
Diphenhydramine	5.297	8652964	177333.41	29.3	16840.87	1654044	250.6682 ng/ml
DMT	2.852	226095	13318.01	70.8 High	2283.07	264822	228.9743 ng/ml
Doxylamine	4.538	9824945	6298.87	94.7	340880.43	1433465	263.3594 ng/ml
Duloxetine	5.651	115102	2861.98	11.6	2785.94	23065	246.5731 ng/ml
EDDP	5.262	3037202	36255.33	43.8	864.68	646925	247.4943 ng/ml
Etizolam	5.804	921692	3778.66	28.0	225663.15	86384	249.1208 ng/ml
Fentanyl	5.108	193749	4221.54	66.3	130503.72	457334	25.4566 ng/ml
Flualprazolam	5.695	341583	22647.43	110.1	21262.56	126439	246.8012 ng/ml
Fluorofentanyl	5.162	714819	8472.36	43.6	271752.34	4491	26.1149 ng/ml
Fluoxetine	5.711	1110338	611.14	7.7	19481.26	156960	247.0642 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	1256134	243.63	35.1	290.25	312345	238.6966 ng/ml
Hydromorphone	1.615	1148593	3508.29	74.9	5604.40	131392	249.1445 ng/ml
Hydroxyzine	5.708	2047183	19539.04	78.5	16488.29	264822	255.4433 ng/ml
Ketamine	4.043	3429929	105865.45	37.3	8366.60	464863	246.6082 ng/ml
Lamotrigine	4.281	208340	1775.02	87.2	19749.81	1362332	260.4599 ng/ml
Lorazepam	5.737	893418	9427.17	54.9	2114.03	271066	232.8803 ng/ml
MDA	3.191	3570014	19799.96	19.6	5138.81	279210	217.0209 ng/ml
MDMA	3.292	3277751	52132.21	73.7	26243.22	130619	257.3224 ng/ml
Meprobamate	4.901	530360	1427.25	24.8	652.11	158637	208.0710 ng/ml
Methadone	5.656	5173826	64789.39	45.6	1539.50	589241	252.3872 ng/ml
Methamphetamine	3.212	4830626	48167.72	39.0	2564.07	1022132	244.4374 ng/ml
Metoprolol	4.327	664406	1111.28	106.3	6336.14	1206021	247.9674 ng/ml
Mirtazapine	4.627	6078431	20641.00	49.6	46493.68	673763	252.1515 ng/ml
Mitragynine	5.236	782888	36610.66	36.3	194152.91	589241	252.2316 ng/ml
Morphine	1.253	169234	679.47	25.7	307.94	11785	239.5676 ng/ml
Norbuprenorphine	4.997	11214	32697.82	78.5	∞	18036	24.2400 ng/ml
Nordiazepam	5.884	1025398	8217.67	63.7	10469.40	119895	247.0959 ng/ml
Norfentanyl	4.085	658821	11858.63	38.2	3794.91	758214	27.7265 ng/ml
Norhydrocodone	3.067	117337	389.41	40.0	297.43	50991	267.4155 ng/ml
Noroxycodone	2.911	1010687	5030.26	48.9	341.98	105351	254.5764 ng/ml
O-desmethyl-tramadol	3.366	8165839	72864.61	5.6	10262.06	1681111	258.7620 ng/ml
o-desmethylvenlafaxine	4.077	10192107	210154.39	15.7	11312.76	256355	252.7723 ng/ml
Olanzapine	4.475	1824114	4112.93	56.8	2759.41	163901	254.1469 ng/ml
Oxazepam	5.747	1082696	267.62	79.1	572.25	271066	255.3305 ng/ml
Oxycodone	2.828	2479803	1550.65	30.5	4710.40	396789	244.4082 ng/ml
Oxymorphone	1.411	977439	∞	48.4	∞	103269	257.1412 ng/ml
Phentermine	3.774	1424042	1436.61	4.1	198.59	792805	222.9110 ng/ml
Promethazine	5.548	4635402	3596.37	30.6	565.42	718890	250.1011 ng/ml
Pseudoephedrine	2.583	9578338	8529.62	14.5	61026.57	1362332	253.9781 ng/ml
Quetiapine	5.564	3651180	44221.01	59.1	69358.23	183285	246.3104 ng/ml
Sertraline	5.780	401677	10437.40	96.4	811.39	64240	243.3103 ng/ml
Temazepam	5.807	2184310	8970.70	30.8	∞	512584	256.4603 ng/ml
Tramadol	4.239	6560179	2960.42	3.7	2225.62	1206021	248.9793 ng/ml
Trazodone	5.162	4418631	704.98	64.0	13047.41	518464	243.2829 ng/ml
Venlafaxine	5.043	6103636	107888.79	34.3	42559.65	1385482	247.9541 ng/ml
Zolpidem	4.919	6294502	222717.63	28.2	6880.47	1263049	262.2045 ng/ml

TS

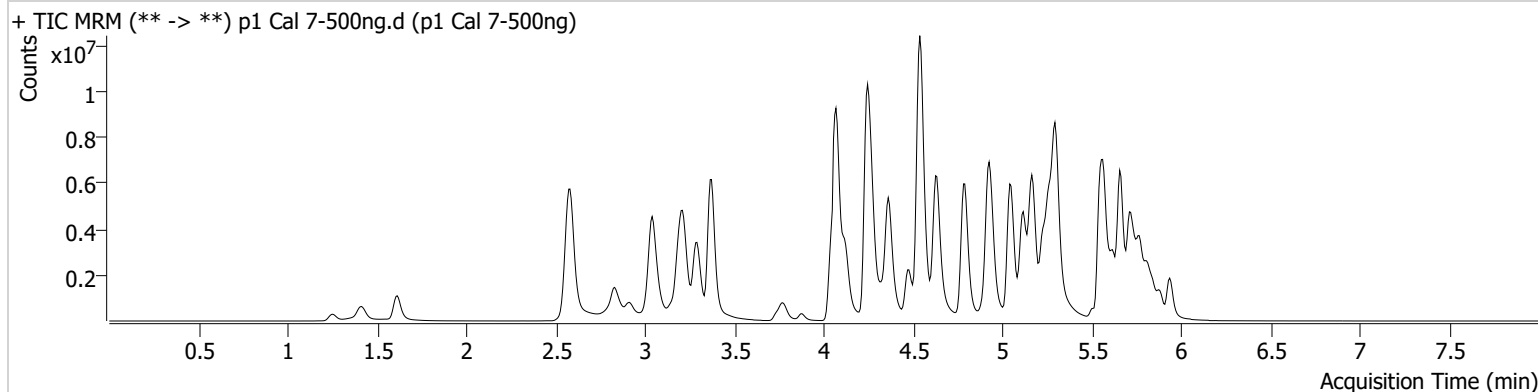


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Tamara Salazar
Sample Position	P2-B12	Comment	
Injection Volume	2		
Acq. Date-Time	5/3/2023 1:29:00 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	145732	7877.78	68.7	876.02	52846	51.0720 ng/ml
7-aminoclonazepam	4.258	670041	4899.63	80.8	51.34	72013	420.9097 ng/ml
a-hydroxyalprazolam	5.682	365095	1132.23	73.9	213.06	292497	476.7751 ng/ml
alpha-PHP	4.942	1875200	11844.03	271.8	112351.03	630504	466.3582 ng/ml
alpha-PVP	4.363	9206197	1614.84	49.6	4018.70	630504	513.9401 ng/ml
Alprazolam	5.766	2773396	3061.95	104.8	5168.35	101253	519.2131 ng/ml
Amphetamine	3.043	9838141	86504.00	45.0	54625.52	263573	311.5932 ng/ml
Benzoylcegonine	3.877	341804	11019.41	8.0	3248.39	23094	512.0759 ng/ml
Buprenorphine	5.851	227504	362603.47	13.6	28208.24	121464	52.7725 ng/ml
Bupropion	4.792	10537925	183430.62	63.5	31357.39	561517	504.9655 ng/ml
Carisoprodol	5.721	860238	351.36	56.4	186.57	72243	480.4823 ng/ml
Chlordiazepoxide	5.842	792194	3281.58	155.1	7745.11	342122	470.5961 ng/ml
Chlorpheniramine	5.118	11632077	30882.82	0.3	967.86	1056048	502.5536 ng/ml
Citalopram	5.225	5455403	173068.90	36.5	24284.72	398208	493.8523 ng/ml
Clonazepam	5.601	2416905	76504.53	33.7	441577.89	62049	474.6590 ng/ml
Clonazolam	5.545	866897	11912.47	35.9	6434.16	62049	331.0581 ng/ml
Cocaine	4.264	5510790	702.55	52.1	445.81	798660	508.9948 ng/ml
Codeine	2.586	437329	3501.76	101.5	28780.12	43828	418.0806 ng/ml
Cyclobenzaprine	5.625	3402337	634540.83	8.4	1768.95	229766	543.4336 ng/ml
Dextromethorphan	5.276	2595288	341686.05	76.6	28954.38	210086	500.3635 ng/ml
Dextrorphan	4.124	2176789	175859.36	219.1	44677.59	516472	519.1183 ng/ml
Diazepam	5.938	2235552	525.03	88.3	10326.56	165642	499.6664 ng/ml
Dihydrocodeine	2.552	1646942	35394.90	65.0	9326.20	285489	373.7440 ng/ml
Diphenhydramine	5.297	15005093	254360.12	29.1	120319.06	1391715	516.2627 ng/ml
DMT	2.852	384108	1171.07	90.5 High	4927.73	210086	491.3468 ng/ml
Doxylamine	4.538	19113394	386913.31	96.1	275832.74	1402585	523.4056 ng/ml
Duloxetine	5.651	172202	2441.58	12.2	279.31	17633	482.6569 ng/ml
EDDP	5.262	6030278	45516.42	42.2	55153.98	613495	517.9000 ng/ml
Etizolam	5.804	1562670	3698.88	26.9	10188.09	62049	587.4419 ng/ml
Fentanyl	5.101	360528	1391.32	64.1	317028.56	451550	47.9908 ng/ml
Flualprazolam	5.695	451699	4075.28	113.9	3637.34	101253	408.0215 ng/ml
Fluorofentanyl	5.162	1431439	79644.49	43.4	53585.60	4597	51.0639 ng/ml
Fluoxetine	5.711	1645978	8077.36	7.9	15498.33	110480	519.8307 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.019	2286496	∞	36.1	518.04	305805	444.5777 ng/ml
Hydromorphone	1.615	2078154	11915336.47	75.3	3460649.78	118532	499.6698 ng/ml
Hydroxyzine	5.708	3788175	50454.65	77.3	107100.80	210086	595.2796 ng/ml
Ketamine	4.043	5903148	105960.82	36.9	11854.54	455241	434.2080 ng/ml
Lamotrigine	4.287	318918	13372.77	86.4	4476.01	1070733	507.5066 ng/ml
Lorazepam	5.737	845278	2865.51	53.7	523.61	134477	445.1988 ng/ml
MDA	3.184	4813106	22736.23	19.7	5953.81	235899	346.8901 ng/ml
MDMA	3.292	5590439	20322.03	73.1	47522.47	115674	495.6137 ng/ml
Meprobamate	4.895	729387	9485.69	24.0	1899.02	138475	328.3001 ng/ml
Methadone	5.656	9847988	5254.47	44.3	215547.54	538548	525.2320 ng/ml
Methamphetamine	3.212	8724980	53866.81	38.2	4240.52	1046643	432.1327 ng/ml
Metoprolol	4.327	1095308	876034.33	108.7	25013.62	1146435	430.5300 ng/ml
Mirtazapine	4.634	12045380	137138.00	49.1	175672.55	630504	533.2425 ng/ml
Mitragynine	5.236	1387905	1745549.07	37.1	697032.79	538548	489.2292 ng/ml
Morphine	1.253	301258	4080.15	25.5	∞	10142	496.0263 ng/ml
Norbuprenorphine	5.004	23132	3920.25	82.4	56366.16	18440	49.3314 ng/ml
Nordiazepam	5.884	1482299	12824.37	62.7	11435.77	85513	501.0140 ng/ml
Norfentanyl	4.085	1019744	30827.13	38.2	12389.94	491911	66.0746 ng/ml
Norhydrocodone	3.067	236169	267.04	43.3	922.20	46105	593.1808 ng/ml
Noroxycodone	2.911	1595173	850.32	48.0	11537.59	84579	500.5554 ng/ml
O-desmethyl-tramadol	3.372	15326356	124538.16	5.7	12106.92	1563116	521.9297 ng/ml
o-desmethylvenlafaxine	4.080	17568760	528780.56	15.5	27996.33	209365	532.7396 ng/ml
Olanzapine	4.475	3997433	10916.21	57.0	4272.86	176710	516.6193 ng/ml
Oxazepam	5.740	987796	267.92	79.1	122.46	134477	469.6421 ng/ml
Oxycodone	2.828	4248115	3422.63	30.3	2887.68	396639	419.4647 ng/ml
Oxymorphone	1.411	1730212	∞	46.7	1144.14	91931	511.6549 ng/ml
Phentermine	3.774	2412084	2840.16	3.9	447.42	805082	372.1429 ng/ml
Promethazine	5.548	9444698	1184.85	29.3	99662.78	692061	528.8367 ng/ml
Pseudoephedrine	2.583	15700971	2904.29	14.2	76986.03	1070733	529.0009 ng/ml
Quetiapine	5.564	6463360	360.13	59.5	27854.32	160224	499.3804 ng/ml
Sertraline	5.780	734620	10218.98	94.4	608.24	56450	506.1342 ng/ml
Temazepam	5.814	2373248	102923.53	30.6	907.22	292497	488.1731 ng/ml
Tramadol	4.239	11545627	1652.97	3.8	81.09	1146435	461.1434 ng/ml
Trazodone	5.162	8356408	348016.01	67.1	113495.80	473882	503.3379 ng/ml
Venlafaxine	5.043	11699199	54793.16	33.3	1760.83	1239928	530.5262 ng/ml
Zolpidem	4.919	11509907	410266.36	28.1	17864.29	1285570	471.6973 ng/ml

TS

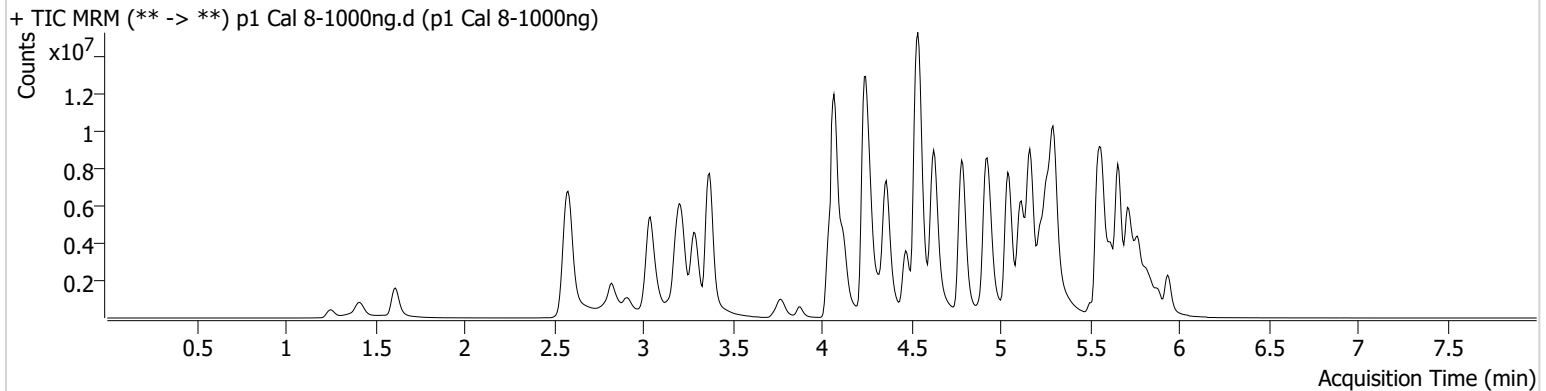


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\050223 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 5/4/2023 11:13:50 AM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng.d
Type Cal **Sample** p1 Cal 8-1000ng
Acq. Method AM 28 MDQ P1.m **Operator** Tamara Salazar
Sample Position P2-A12 **Comment**
Injection Volume 2
Acq. Date-Time 5/3/2023 1:39:37 AM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	239426	197427.12	69.0	360227.01	44421	99.8394 ng/ml
7-aminoclonazepam	4.258	640744	∞	82.0	2860.61	43664	664.2065 ng/ml
a-hydroxyalprazolam	5.682	352731	366.01	70.7	359.13	133412	1010.1622 ng/ml
alpha-PHP	4.942	2463835	82151.64	273.5	26863.25	459521	841.4106 ng/ml
alpha-PVP	4.363	13783939	74983.74	48.9	88822.24	459521	1055.5177 ng/ml
Alprazolam	5.766	3380261	516.08	105.2	1073.92	64422	994.2804 ng/ml
Amphetamine	3.043	12215154	60066.57	45.2	4139.95	214263	476.6648 ng/ml
Benzoylcegonine	3.877	666597	53920.58	8.0	2192.17	24004	961.0463 ng/ml
Buprenorphine	5.851	348788	103451.08	14.3	42438.34	90781	108.1708 ng/ml
Bupropion	4.785	15907034	212133.42	63.3	157550.01	447825	955.8550 ng/ml
Carisoprodol	5.721	842073	69.05	53.8	241.08	32311	1049.1811 ng/ml
Chlordiazepoxide	5.841	877647	12366.99	174.3 High	9702.09	221637	811.7179 ng/ml
Chlorpheniramine	5.118	17308989	8197.56	0.3	633.79	761871	1036.4219 ng/ml
Citalopram	5.225	6872363	495820.11	36.1	70714.94	244480	1013.1474 ng/ml
Clonazepam	5.601	2529558	2278.25	34.2	26351.04	35421	870.9015 ng/ml
Clonazepam	5.538	805400	5358.91	34.7	287517.98	35421	539.3662 ng/ml
Cocaine	4.264	7604735	554.03	51.7	704.69	525363	1067.7076 ng/ml
Codeine	2.586	582124	164.10	99.3	5819.89	28615	853.5284 ng/ml
Cyclobenzaprine	5.625	4920879	60948.92	8.3	285.23	162363	1111.1601 ng/ml
Dextromethorphan	5.269	3281916	68022.58	77.5	53330.74	129630	1025.3805 ng/ml
Dextrorphan	4.118	3207223	97193.27	219.7	118311.71	365099	1081.5075 ng/ml
Diazepam	5.938	2992240	∞	87.1	∞	113070	979.9097 ng/ml
Dihydrocodeine	2.545	2369249	1037.10	63.8	29377.93	234313	655.7288 ng/ml
Diphenhydramine	5.304	19397766	157713.08	30.2	∞	906100	1024.7497 ng/ml
DMT	2.845	557217	3055.46	103.9 High	1962.61	129630	1156.3607 ng/ml
Doxylamine	4.538	26590909	399718.73	97.5	11936.80	1106336	922.9935 ng/ml
Duloxetine	5.644	205697	1686.31	12.6	1198.43	9414	1080.0106 ng/ml
EDDP	5.262	9228309	225122.99	41.0	25749.76	453390	1072.1701 ng/ml
Etizolam	5.804	2062562	2044.72	27.0	78197.75	35421	1357.7036 ng/ml
Fentanyl	5.101	499926	5001.68	64.4	180011.28	353390	85.0432 ng/ml
Flualprazolam	5.688	491746	747.03	113.9	6607.15	64422	698.6633 ng/ml
Fluorofentanyl	5.162	2083962	36331.13	44.6	13541.89	3332	102.5373 ng/ml
Fluoxetine	5.718	2143410	15153.56	8.0	64480.26	70208	1064.7412 ng/ml

TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	3181784	∞	39.5	∞	251361	753.2914 ng/ml
Hydromorphone	1.615	3334464	8266870.42	75.2	11456260.72	94008	1010.8731 ng/ml
Hydroxyzine	5.708	5314668	454671.52	77.4	112787.40	129630	1352.9693 ng/ml
Ketamine	4.043	7760473	198012.40	36.2	13780.83	343666	756.9375 ng/ml
Lamotrigine	4.287	355989	9527.02	86.2	30246.82	700693	865.8393 ng/ml
Lorazepam	5.737	781453	1973.33	53.4	1385.46	57149	969.8867 ng/ml
MDA	3.184	5767827	6670.18	19.2	3347.89	163070	602.0686 ng/ml
MDMA	3.292	7966723	94673.32	72.6	22229.62	86011	949.8832 ng/ml
Meprobamate	4.895	720117	35984.78	27.8	5533.03	105362	426.2416 ng/ml
Methadone	5.656	13360964	7875.67	45.8	140512.80	369956	1036.9781 ng/ml
Methamphetamine	3.212	12773786	102977.94	36.9	97208.10	915328	724.2858 ng/ml
Metoprolol	4.327	1393032	605682.31	108.5	68350.90	873521	719.0800 ng/ml
Mirtazapine	4.627	17921454	159422.19	49.1	628217.41	459521	1087.9073 ng/ml
Mitragynine	5.236	1840245	517003.27	38.0	25294.42	369956	944.2663 ng/ml
Morphine	1.253	503160	23327.07	24.7	∞	8982	935.8428 ng/ml
Norbuprenorphine	4.997	37211	6913.57	80.5	436.08	14548	101.0183 ng/ml
Nordiazepam	5.884	1722554	∞	62.1	344.06	51027	975.8943 ng/ml
Norfentanyl	4.085	1268439	7092.25	38.5	25825.75	238175	169.6629 ng/ml
Norhydrocodone	3.067	411427	181.94	41.6	1557.48	34977	1359.9360 ng/ml
Noroxycodone	2.911	2115120	3522.53	48.2	6082.85	56822	988.0156 ng/ml
O-desmethyl-tramadol	3.373	21942621	∞	5.9	2555.85	1143544	1021.0342 ng/ml
o-desmethylvenlafaxine	4.078	23981165	296202.48	15.5	99653.72	138916	1095.2276 ng/ml
Olanzapine	4.468	6286927	99835.68	59.6	51974.32	158336	906.8319 ng/ml
Oxazepam	5.740	857108	131.25	78.1	117.40	57149	959.0060 ng/ml
Oxycodone	2.822	5875319	2925.67	30.8	622.05	319631	720.5237 ng/ml
Oxymorphone	1.412	2662606	1508.97	46.6	953.34	77222	937.6362 ng/ml
Phentermine	3.774	3436350	2936.18	3.8	2853.60	670448	636.9826 ng/ml
Promethazine	5.541	14473760	41531.84	29.6	1370.64	521864	1074.2721 ng/ml
Pseudoephedrine	2.583	21236985	52361.80	14.1	28492.24	700693	1092.7003 ng/ml
Quetiapine	5.564	8337432	157550.30	59.6	227920.92	111947	922.4721 ng/ml
Sertraline	5.780	985743	14786.02	94.9	19817.16	37440	1023.7511 ng/ml
Temazepam	5.814	2227148	24565.39	31.4	10043.06	133412	1004.2433 ng/ml
Tramadol	4.239	15054600	∞	3.8	410.79	873521	789.3040 ng/ml
Trazodone	5.162	12047480	1673.82	69.7	2043.72	324849	1058.5454 ng/ml
Venlafaxine	5.043	16714977	39105.51	33.3	5574.00	870286	1079.4350 ng/ml
Zolpidem	4.919	16021063	152446.44	27.8	252037.32	1024301	824.6443 ng/ml