

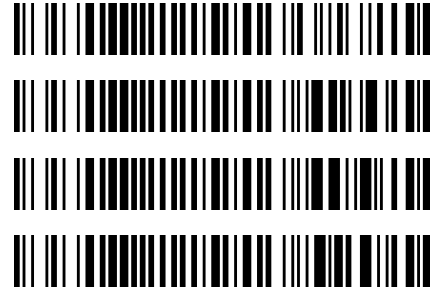
Worklist: 6024

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-1945	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-1991	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2016	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2070	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2116	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2306	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2339	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1664	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1685	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1686	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1687	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1690	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1721	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1722	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1724	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1729	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1745	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1760	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1762	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1763	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1764	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6024

SC TS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-1778	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-1795	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-1797	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-1800	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): TOX-22-01

Date of Request: 2/3/2022

Requestor/Discipline: Celena Shrum/Toxicology

Analytical Method/Quality Standard, Revision #: AM #25, AM #28, AM #29, Revision 13

Temporary or Permanent Deviation: Permanent

Scope of Deviation (record specific information, e.g. affected programs, evidence types, expected end date; etc): Deviation will remain in place until the change is made in the next method revision.

Deviation Request (Describe detailed instructions of the changes being made; include reference to specific section number(s) in the method manual): 4.1.4 (Place plate on shaking incubator at approximately 900 rpm for approximately 15 minutes) of AM #25, AM # 28, and AM #29 is being removed. The removal of this step was tested in the validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022) and it was determined that that step is not necessary and can be removed.

Technical Justification for Analytical Method Deviations: Refer to validation "Addition of Compounds/Modifications for the MDS" (approved on 2/2/2022)

Technical Review

Departure approved
Comments:

Departure Not Approved
Comments:

Approver: Rachel Cutler
Title: Laboratory Manager



Date: 2/10/2022

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 2/10/2022



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

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Extraction Date: 07/06/2022

Plate lot#: 220324

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

Blank Blood Lot: Lampire 20L20723

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

Analyst: Tamara Salazar

Plate Retest Date: 09/24/2022

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: N/A

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. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. -Skipped per deviation
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. 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)**
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. 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.
- 18. 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: Sarah Collins also had samples in this batch. Tamara Salazar acted as the primary analyst and performed steps 5-18. I, Sarah Collins, approve of all steps utilized in this method. SC

Curves Limited:

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

Alpha-hydroxyalprazolam 5-250 -- calibrators 7 & 8 dropped due to accuracy

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

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

SC

TS

Curves Limited continued.

Clonazepam 5-500 -- calibrator 8 dropped due to accuracy
Codeine 5-500 -- calibrator 8 dropped due to accuracy
Dihydrocodeine 5-500 --calibrator 8 dropped due to accuracy
Etizolam 5-500 --calibrator 8 dropped due to accuracy
Lamotrigine 5-250 --calibrators 7 & 8 dropped due to accuracy
Lorazepam 5-100 -- calibrators 6, 7, & 8 dropped due to accuracy
MDA 5-500 -- calibrator 8 dropped due to accuracy
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy
Norfentanyl 0.5-50 -- calibrator 8 dropped due to accuracy
Norhydrocodone 5-500 -- calibrator 8 dropped due to accuracy
Phentermine 5-500 --calibrator 8 dropped due to accuracy
Quetiapine 5-500 -- calibrator 8 dropped due to accuracy

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	IS + Sample	IS + Sample	IS + Cal. 1	IS + QC_1	IS + Sample	M2022-2004-3-SC	P2022-1760-1	P2022-1686-1	M2022-1991-1	IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 2	IS + QC_2	IS + Sample	P2022-1800-1	P2022-1745-1	P2022-1685-1	M2022-1945-1	IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	IS + Sample	IS + Sample	IS + Cal. 3	IS + QC_3	IS + Sample	P2022-1797-1	P2022-1729-1	P2022-1664-1	Neg Blood	IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	IS + Sample	IS + Sample	IS + Cal. 4	IS + QC_4	IS + Sample	P2022-1795-1	P2022-1724-1	M2022-2339-4	IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	IS + Sample	IS + Sample	IS + Cal. 5	IS + QC_2	IS + Sample	P2022-1778-1	P2022-1722-1	M2022-2306-2	IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 6	IS + Sample	P 07/12/22 M2022-1915-1-SC	P2022-1764-1	P2022-1721-1	M2022-2116-1	IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 7	IS + Sample	P 07/12/22 M2022-1323-2-SC	P2022-1763-1	P2022-1690-1	M2022-2070-1	IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	IS + Sample	IS + Sample	IS + Sample	IS + Cal. 8	IS + Sample	M2022-2123-1-SC	P2022-1762-1	P2022-1687-1	M2022-2016-2	IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SC TS

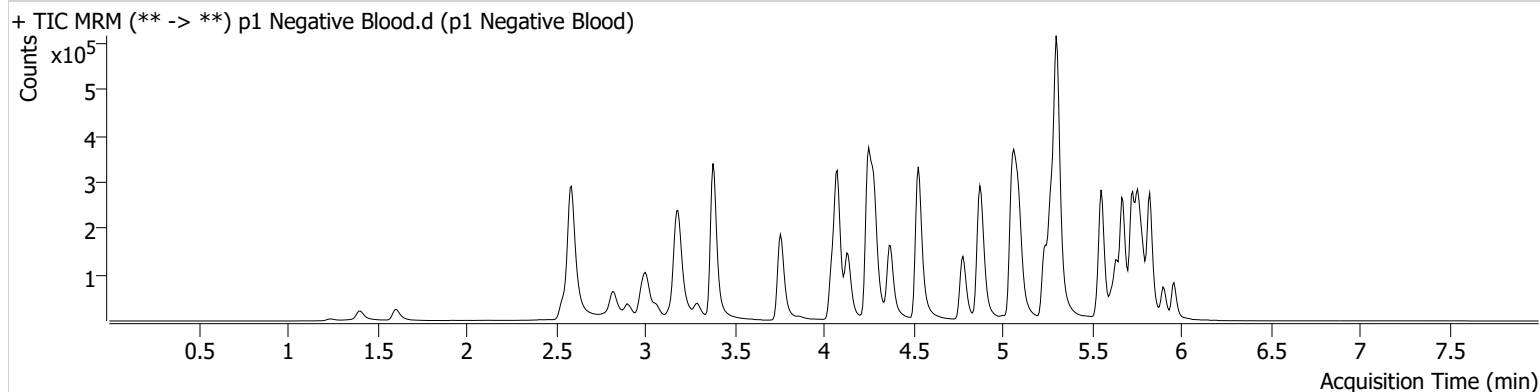


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 3:19:34 PM		
Sample Info.			

Sample Chromatogram



SC TS

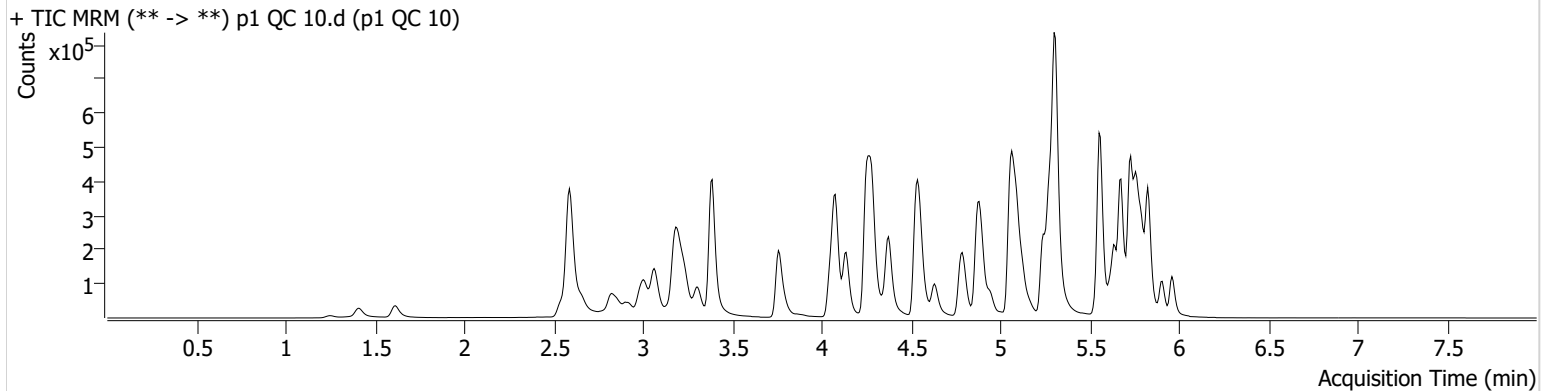


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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 7/6/2022 2:05:15 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	1673	507.48	68.7	1138.89	42023	0.9358 ng/ml
7-aminoclonazepam	4.270	33893	2563.43	71.0	191.06	124545	10.5257 ng/ml
a-hydroxyalprazolam	5.706	16420	606.62	71.2	17473.78	203263	10.2993 ng/ml
alpha-PHP	4.943	33346	1466.76	255.8	46707.96	435203	10.0031 ng/ml
alpha-PVP	4.381	116771	8760.76	49.6	4971.90	435203	10.0077 ng/ml
Alprazolam	5.782	56453	301.06	109.1	435.65	203263	9.7950 ng/ml
Amphetamine	3.065	215354	755.50	51.6	243.83	236470	10.1732 ng/ml
Benzoylecgonine	3.890	2531	26.73	7.7	186.87	7528	11.3638 ng/ml
Buprenorphine	5.765	2802	207.19	13.4	378.04	100883	0.9615 ng/ml
Bupropion	4.800	115943	213.02	67.7	284.00	404925	9.8844 ng/ml
Carisoprodol	5.737	60170	222694.02	62.8	89.96	284799	9.7689 ng/ml
Citalopram	5.239	96268	393.63	34.4	426.91	420388	10.1545 ng/ml
Clonazepam	5.619	58166	199.60	33.9	344.77	80707	10.4472 ng/ml
Clonazepam	5.563	41716	4618.72	35.6	12562.88	80707	10.8608 ng/ml
Cocaine	4.276	70530	287.02	58.7	1582.66	591005	9.8374 ng/ml
Codeine	2.594	8929	32.30	102.5	958.28	41749	10.3197 ng/ml
Cyclobenzaprine	5.642	76579	4276.32	8.1	62.54	299259	9.7881 ng/ml
Dextromethorphan	5.281	52243	381.14	82.1	3022.73	214990	9.9693 ng/ml
Dextrophan	4.137	32345	438.94	195.3	2744.39	325435	10.2121 ng/ml
Diazepam	5.967	39214	656.86	88.1	322.13	167915	10.7336 ng/ml
Dihydrocodeine	2.573	21277	452.44	66.8	112.14	122988	10.2626 ng/ml
Diphenhydramine	5.309	249549	37330.74	31.4	1327.66	1492633	10.6853 ng/ml
Doxylamine	4.548	214572	2209.67	98.9	1973.93	931229	9.9126 ng/ml
EDDP	5.274	93905	261.59	41.1	5612.40	510796	9.5330 ng/ml
Etizolam	5.827	25608	1668.54	27.9	41974.70	80707	9.3543 ng/ml
Fentanyl	5.109	8826	858.89	67.8	9467.77	446950	1.0257 ng/ml
Flualprazolam	5.712	23025	1877.98	98.3	2389.12	203263	10.4485 ng/ml
Fluoxetine	5.728	111170	433.87	7.5	71.65	412527	10.1679 ng/ml
Hydrocodone	3.041	34450	461.51	35.6	141.67	197247	10.1630 ng/ml
Hydromorphone	1.621	26738	5188.65	78.1	61818.79	81754	10.0566 ng/ml
Ketamine	4.063	79267	2937.21	34.4	127.55	340185	10.3884 ng/ml
Lamotrigine	4.292	6917	726.64	86.5	785.04	340185	10.8201 ng/ml
Levetiracetam	2.658	32159	351.49	159.9	1527.25	966580	9.6238 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	57152	629.52	49.9	88.66	80707	11.5570 ng/ml
MDA	3.212	139497	861.97	27.8	227.03	303724	11.1433 ng/ml
MDMA	3.306	76822	1515.02	89.5	1045.65	78172	9.7756 ng/ml
Meprobamate	4.916	35840	2708.97	27.2	610.12	170778	9.9850 ng/ml
Methadone	5.673	143480	564.53	59.4	3254.57	590034	9.7864 ng/ml
Methamphetamine	3.240	144285	1212.80	39.2	457.47	554755	10.2484 ng/ml
Metoprolol	4.345	22085	1026.29	97.2	614.01	857788	10.8413 ng/ml
Mirtazapine	4.630	149893	337.62	52.6	926.00	435203	9.8571 ng/ml
Mitragynine	5.236	33801	35137.90	34.8	23915.87	590034	9.8474 ng/ml
Morphine	1.253	3660	4216.67	26.9	351.75	5046	10.9516 ng/ml
Norbuprenorphine	5.012	401	349.95	88.6	1099.78	13838	1.0065 ng/ml
Nordiazepam	5.907	40304	7391.60	56.4	370.07	135698	9.8781 ng/ml
Norfentanyl	4.097	18443	1281.76	36.2	612.70	750717	0.9855 ng/ml
Norhydrocodone	3.082	4961	48.88	38.9	35.94	49050	9.2703 ng/ml
Noroxycodone	2.925	34124	107.67	48.7	234.11	99941	10.1003 ng/ml
O-desmethyl-tramadol	3.386	174227	725.75	5.8	131.27	894942	9.9183 ng/ml
Oxazepam	5.763	72881	2790.70	70.5	487.59	383664	10.4499 ng/ml
Oxycodone	2.850	61729	408.78	29.4	764.09	221349	10.4740 ng/ml
Oxymorphone	1.411	23942	157.34	46.8	99.31	70896	10.4517 ng/ml
Phentermine	3.794	48388	154.46	4.9	67.06	549955	10.2133 ng/ml
Promethazine	5.560	185037	330.67	30.8	475.61	801740	9.7907 ng/ml
Pseudoephedrine	2.597	194791	4379.26	16.5	3585.72	966580	9.8741 ng/ml
Quetiapine	5.555	99387	222.17	58.0	161.60	143980	10.3484 ng/ml
Sertraline	5.796	36233	∞	98.9	3152.21	154826	9.9819 ng/ml
Temazepam	5.831	114613	512.12	27.0	960.05	545300	9.4681 ng/ml
Tramadol	4.264	189993	18262.21	3.5	125.88	857788	10.2554 ng/ml
Trazodone	5.121	109370	8386.88	78.9	257.82	432897	9.7117 ng/ml
Venlafaxine	5.056	157059	238.51	32.7	593.72	821418	10.3054 ng/ml
Zolpidem	4.893	153127	5387.05	30.9	674.81	705682	10.4851 ng/ml

SC TS

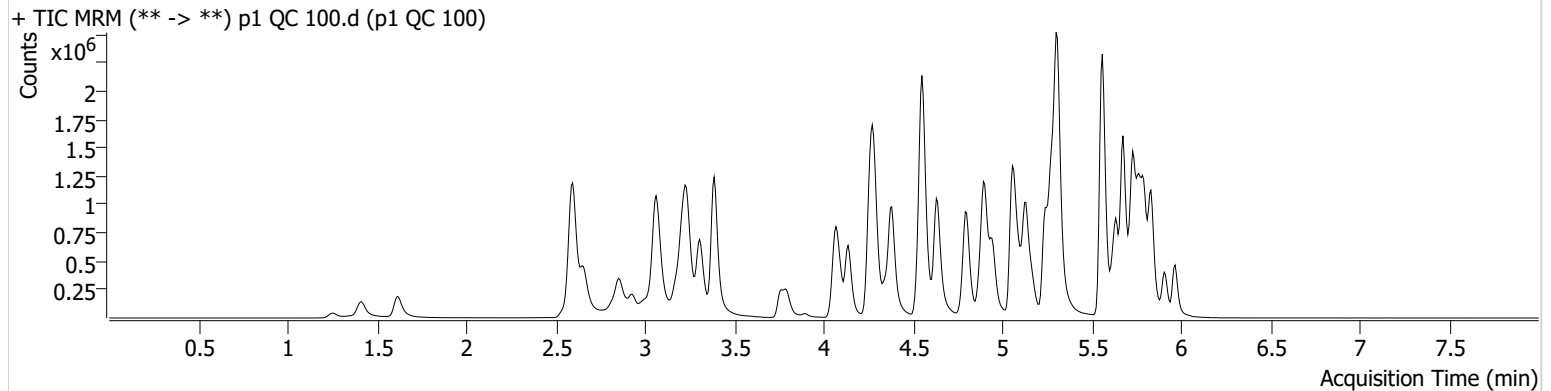


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/7/2022 2:18:19 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	20899	372.54	66.1	28365.28	52026	9.9428 ng/ml
7-aminoclonazepam	4.270	333259	7994.72	71.6	11493.66	125321	109.2273 ng/ml
a-hydroxyalprazolam	5.706	148634	4184.04	66.6	443.93	199524	102.8617 ng/ml
alpha-PHP	4.943	379418	20588.32	258.8	44212.05	493515	102.5480 ng/ml
alpha-PVP	4.381	1350417	57202.73	50.8	454.32	493515	100.5575 ng/ml
Alprazolam	5.789	580128	4168.25	108.0	1036.82	199524	99.9739 ng/ml
Amphetamine	3.065	2315714	3680.07	47.2	1036.61	273840	99.5232 ng/ml
Benzoylecgonine	3.897	28538	5508.29	8.5	7271.47	9560	101.2664 ng/ml
Buprenorphine	5.772	31267	1013.77	14.9	3377.30	115919	9.4005 ng/ml
Bupropion	4.800	1347654	3571.75	68.6	44603.61	481776	98.6005 ng/ml
Carisoprodol	5.737	536220	999.88	60.8	5455.00	245567	96.9424 ng/ml
Citalopram	5.239	1056336	24903.01	34.5	560.72	459157	100.7538 ng/ml
Clonazepam	5.619	602504	337.97	35.2	981679.87	85699	104.4255 ng/ml
Clonazepam	5.563	382593	537916.32	36.5	96801.24	85699	109.2677 ng/ml
Cocaine	4.283	812216	98477.93	57.3	16286.53	670118	100.6899 ng/ml
Codeine	2.594	96219	6738.17	101.8	647.38	49767	99.9298 ng/ml
Cyclobenzaprine	5.642	888350	638.63	8.0	396.58	352783	93.9208 ng/ml
Dextromethorphan	5.281	562422	53436.16	82.9	24244.95	233882	100.5206 ng/ml
Dextrophan	4.137	367965	351.39	201.3	558.73	367701	101.2322 ng/ml
Diazepam	5.967	419398	5540.28	91.0	9993.44	181926	107.9201 ng/ml
Dihydrocodeine	2.573	253710	666.05	67.3	238.27	155923	103.9091 ng/ml
Diphenhydramine	5.309	2848703	289902.66	31.5	19235.97	1614146	109.8923 ng/ml
Doxylamine	4.548	2690907	4318.54	98.1	2647.59	1159435	100.7307 ng/ml
EDDP	5.274	1055431	2552.95	41.9	337.95	573544	94.7751 ng/ml
Etizolam	5.827	281250	11568.66	28.4	1103.48	85699	96.2567 ng/ml
Fentanyl	5.109	101434	7161.76	66.5	300.28	526930	10.3088 ng/ml
Flualprazolam	5.712	232114	10304.30	104.0	32941.65	199524	111.2907 ng/ml
Fluoxetine	5.728	1056637	151539.50	8.0	584.34	393008	97.1845 ng/ml
Hydrocodone	3.034	384614	210.87	36.9	364.70	230424	102.6735 ng/ml
Hydromorphone	1.621	339007	2172382.85	78.1	1762788.01	104791	98.5774 ng/ml
Ketamine	4.063	923142	83635.47	34.1	641.18	396338	108.4903 ng/ml
Lamotrigine	4.292	70686	4750.78	91.1	1472.08	396338	101.3989 ng/ml
Levetiracetam	2.658	363006	773.62	161.1	8984.10	1101459	96.5125 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	373010	2187.77	53.2	2012.04	85699	83.8076 ng/ml
MDA	3.212	1310449	22452.33	28.3	1349.36	311978	111.0248 ng/ml
MDMA	3.306	903328	3708.72	87.3	9425.04	87881	104.1334 ng/ml
Meprobamate	4.916	332877	406.56	27.7	67880.77	173392	99.8196 ng/ml
Methadone	5.673	1635277	84649.87	59.6	1131.07	673321	96.7633 ng/ml
Methamphetamine	3.240	1672661	802.30	39.3	1819.72	687734	103.2004 ng/ml
Metoprolol	4.345	248524	322601.07	97.2	40735.63	1021290	105.9016 ng/ml
Mirtazapine	4.630	1775041	49812.34	52.4	4859.30	493515	100.7788 ng/ml
Mitragynine	5.243	376671	1537.69	36.3	322265.03	673321	100.9885 ng/ml
Morphine	1.253	45674	199.08	27.4	233.83	6697	101.8261 ng/ml
Norbuprenorphine	5.012	3760	8904.14	93.4	2429.55	16439	9.8675 ng/ml
Nordiazepam	5.907	427932	9368.53	53.9	1428.12	141655	104.3564 ng/ml
Norfentanyl	4.097	219778	14057.91	35.2	112.84	863135	9.8649 ng/ml
Norhydrocodone	3.082	53410	96.28	39.2	126.15	45555	96.4453 ng/ml
Noroxycodone	2.925	369718	965.37	48.0	996.27	110005	100.2571 ng/ml
O-desmethyl-tramadol	3.386	2084183	1667.58	5.9	6929.60	1067709	98.1807 ng/ml
Oxazepam	5.763	565404	8791.45	72.1	13033.54	301236	108.4657 ng/ml
Oxycodone	2.850	766701	1296.41	29.6	1010.49	278396	111.2650 ng/ml
Oxymorphone	1.411	313072	∞	49.2	∞	101983	97.4935 ng/ml
Phentermine	3.794	518360	558.24	5.0	1184.50	644761	101.7782 ng/ml
Promethazine	5.560	2064105	119560.16	30.6	191284.87	883675	95.5287 ng/ml
Pseudoephedrine	2.597	2260174	54565.27	16.9	62596.03	1101459	98.8458 ng/ml
Quetiapine	5.555	1053020	849890.56	58.7	730752.73	169126	102.7799 ng/ml
Sertraline	5.796	355114	23036.68	93.9	49935.62	152216	98.5217 ng/ml
Temazepam	5.831	1090777	67049.87	27.2	530.99	505893	99.4571 ng/ml
Tramadol	4.264	2138805	98172.83	3.4	1693.90	1021290	100.6606 ng/ml
Trazodone	5.128	1312611	1645264.97	80.2	255074.73	501361	96.5333 ng/ml
Venlafaxine	5.056	1872817	133410.75	31.8	19646.50	963349	101.3888 ng/ml
Zolpidem	4.900	1813015	11210.72	29.7	305367.29	841432	107.7554 ng/ml

SC TS

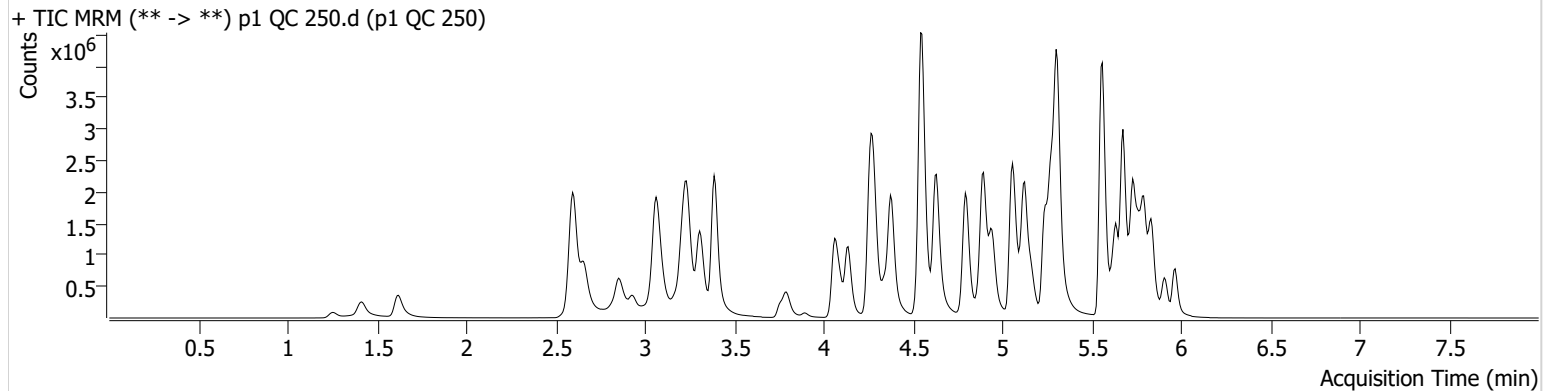


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 2:26:30 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	47618	83259.72	70.2	34362.39	47984	24.6443 ng/ml
7-aminoclonazepam	4.270	557055	17270.09	72.6	5182.80	94410	243.2422 ng/ml
a-hydroxyalprazolam	5.706	219319	23340.60	68.8	1899.64	154341	197.0820 ng/ml
alpha-PHP	4.943	836001	8214.09	259.0	24945.30	438750	254.5120 ng/ml
alpha-PVP	4.375	3034817	65341.24	51.3	3057.97	438750	253.9428 ng/ml
Alprazolam	5.782	1136423	804.16	106.9	777.82	154341	252.7569 ng/ml
Amphetamine	3.065	4398977	611.26	48.3	39725.19	243765	213.0744 ng/ml
Benzoylecgonine	3.890	68121	175.86	8.2	331.24	8845	261.3274 ng/ml
Buprenorphine	5.765	73471	4404.27	16.1	28799.02	98652	25.9680 ng/ml
Bupropion	4.794	3096541	249800.50	68.7	23620.23	441263	247.7080 ng/ml
Carisoprodol	5.737	862070	785503.89	63.2	2547.13	155128	246.0473 ng/ml
Citalopram	5.239	2206062	187104.15	34.0	522781.13	379447	254.4042 ng/ml
Clonazepam	5.619	1021898	43496.43	35.3	15882.01	62262	244.1703 ng/ml
Clonazepam	5.563	613016	906984.94	37.7	328144.82	62262	243.4220 ng/ml
Cocaine	4.276	1707624	51875.73	58.4	62879.30	573429	247.5118 ng/ml
Codeine	2.600	184688	3528.94	100.6	4484.90	41232	232.6012 ng/ml
Cyclobenzaprine	5.642	1870714	81633.35	7.5	809.15	277755	250.7520 ng/ml
Dextromethorphan	5.281	1122766	35597.39	82.0	37782.47	182616	257.3305 ng/ml
Dextrophan	4.137	812365	20658.68	200.3	55051.97	321495	255.3465 ng/ml
Diazepam	5.967	819802	4450.96	89.8	4818.80	146910	261.5482 ng/ml
Dihydrocodeine	2.573	539719	147.70	68.5	317.20	140427	246.6354 ng/ml
Diphenhydramine	5.309	5991611	355539.73	31.7	72162.98	1367394	272.3926 ng/ml
Doxylamine	4.548	6239855	206640.94	97.1	306302.74	1063190	254.8756 ng/ml
EDDP	5.274	2342807	68457.56	41.5	28007.36	507243	237.7683 ng/ml
Etizolam	5.827	579706	18596.12	27.2	11086.34	62262	272.9911 ng/ml
Fentanyl	5.102	225284	9651.13	65.9	647.43	470100	25.7164 ng/ml
Flualprazolam	5.712	422761	29382.95	107.7	9741.99	154341	262.6211 ng/ml
Fluoxetine	5.728	1888280	16898.83	7.7	∞	274046	248.3254 ng/ml
Hydrocodone	3.034	794842	425.12	38.3	1717.62	204887	239.4904 ng/ml
Hydromorphone	1.621	757065	2770200.23	76.3	2991270.94	92366	249.6013 ng/ml
Ketamine	4.063	2038790	126939.17	34.1	7931.91	373239	255.1277 ng/ml
Lamotrigine	4.292	135478	1527.51	92.3	85314.19	373239	207.2344 ng/ml
Levetiracetam	2.664	745438	29093.91	161.6	6513.88	906091	241.1215 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.754	448012	1938.26	52.2	700.18	62262	140.1722 ng/ml
MDA	3.212	2400247	37511.79	26.4	3467.36	247688	257.6010 ng/ml
MDMA	3.306	1909788	113128.88	89.4	2937.29	77718	249.2221 ng/ml
Meprobamate	4.916	594317	1288.01	26.7	239.98	120972	257.0661 ng/ml
Methadone	5.673	3679093	88987.11	56.0	109919.78	580874	252.1736 ng/ml
Methamphetamine	3.240	3602445	3721.29	38.2	726.60	629188	244.1406 ng/ml
Metoprolol	4.338	517290	2399081.20	99.0	8323.99	927639	243.2068 ng/ml
Mirtazapine	4.630	4008308	4260.39	51.2	3929.12	438750	255.6281 ng/ml
Mitragynine	5.236	791275	7070.88	37.0	73101.67	580874	246.7008 ng/ml
Morphine	1.253	101717	258.56	27.3	1373.62	6129	247.6035 ng/ml
Norbuprenorphine	5.012	8399	287.42	99.2	12267.18	15674	23.4930 ng/ml
Nordiazepam	5.907	779992	1579176.61	55.1	1294.97	105663	255.6151 ng/ml
Norfentanyl	4.097	493371	46556.54	36.5	725.89	728451	26.1777 ng/ml
Norhydrocodone	3.082	117605	561.05	39.1	81.41	35780	268.5090 ng/ml
Noroxycodone	2.932	677132	1186.34	48.6	2713.47	82587	244.7151 ng/ml
O-desmethyl-tramadol	3.386	4785569	324945.39	6.0	324.71	953527	252.2113 ng/ml
Oxazepam	5.763	716551	11329.58	74.2	6897.64	166148	249.9868 ng/ml
Oxycodone	2.850	1575186	1022.73	30.6	430.74	248145	257.6126 ng/ml
Oxymorphone	1.412	697567	∞	44.8	∞	82120	270.3133 ng/ml
Phentermine	3.794	1079395	1181.01	4.5	1773.88	587616	233.8813 ng/ml
Promethazine	5.560	4449098	1418.62	30.2	1132.53	725492	250.1690 ng/ml
Pseudoephedrine	2.604	4748181	239099.67	16.9	80502.86	906091	252.1427 ng/ml
Quetiapine	5.555	2065065	1087.01	61.6	412.04	158029	217.0085 ng/ml
Sertraline	5.796	641240	33030.42	95.1	44809.99	107069	252.7483 ng/ml
Temazepam	5.831	1800841	18022.82	26.4	502.58	348630	238.6211 ng/ml
Tramadol	4.257	4715805	86195.42	3.3	6599.36	927639	244.9747 ng/ml
Trazodone	5.121	2842820	703.11	84.3	161310.20	425563	245.6272 ng/ml
Venlafaxine	5.056	4288906	93776.77	30.9	966.77	855992	260.7259 ng/ml
Zolpidem	4.893	4143975	246583.16	28.8	185185.25	799107	259.9132 ng/ml

*Outside curve range.

SC TS

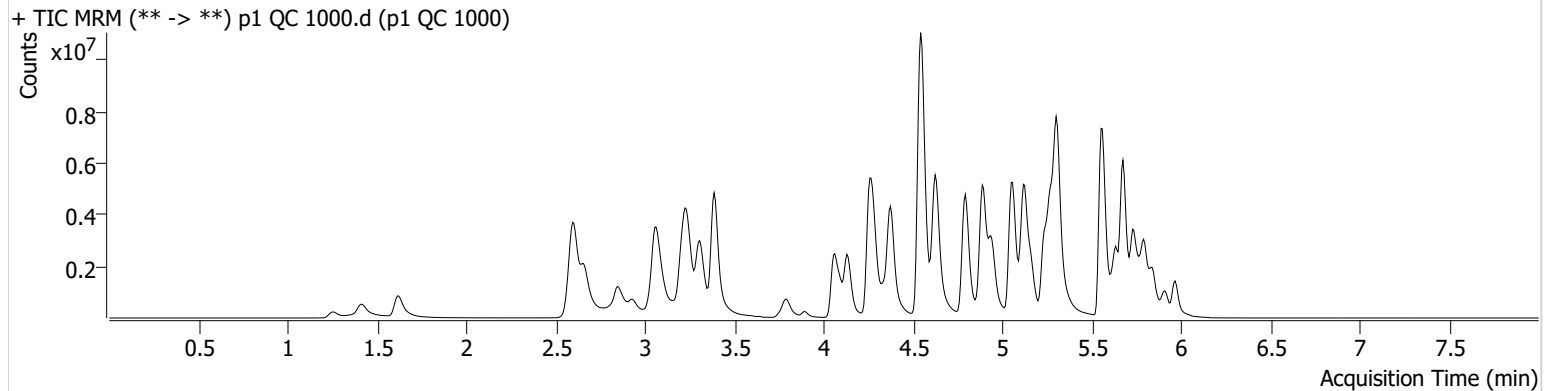


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 2:47:45 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	136446	139928.34	69.7	179215.74	32671	103.8911 ng/ml
* 7-aminoclonazepam	4.270	632336	2433.53	70.7	994.69	37179	702.5144 ng/ml
* a-hydroxyalprazolam	5.699	280844	1171.21	67.2	1527.67	76996	507.3827 ng/ml
alpha-PHP	4.943	2053150	169577.40	262.0	490872.37	275511	996.1090 ng/ml
alpha-PVP	4.375	7843558	6062.76	51.1	91820.45	275511	1044.6801 ng/ml
Alprazolam	5.782	2253930	∞	103.8	1227.39	76996	1004.0750 ng/ml
* Amphetamine	3.065	8752045	232.18	48.3	239.68	166328	622.4590 ng/ml
Benzoylcegonine	3.890	231354	439.36	8.4	5698.07	7633	1028.6374 ng/ml
Buprenorphine	5.765	181414	76374.89	15.1	43863.51	59085	107.0806 ng/ml
Bupropion	4.794	8265331	291067.93	67.3	146105.64	302636	964.7224 ng/ml
Carisoprodol	5.737	1307873	16103.15	62.9	4633.50	54178	1067.3949 ng/ml
Citalopram	5.232	4434454	196192.19	35.3	29901.68	184237	1052.7827 ng/ml
* Clonazepam	5.619	1568945	36000.99	35.1	953.88	29582	789.6582 ng/ml
* Clonazepam	5.576	828887	159896.97	38.5	331619.57	29582	696.4879 ng/ml
Cocaine	4.276	3915478	300561.96	58.2	127508.84	326668	996.4909 ng/ml
* Codeine	2.600	377897	9133.61	97.5	53.80	25565	769.5005 ng/ml
Cyclobenzaprine	5.642	4116069	105288.34	7.5	35202.61	145282	1053.9327 ng/ml
Dextromethorphan	5.281	2131137	35800.39	80.7	106694.06	85098	1048.8131 ng/ml
Dextrophan	4.130	2088971	60265.21	201.1	93830.73	197380	1068.9454 ng/ml
Diazepam	5.967	1807708	84696.48	90.2	7769.42	87000	974.4736 ng/ml
* Dihydrocodeine	2.566	1326112	17288.92	69.2	10292.14	110214	773.9877 ng/ml
Diphenhydramine	5.309	13431677	269967.46	31.4	106372.79	733024	1138.1209 ng/ml
Doxylamine	4.542	17146553	861514.61	96.3	29426.22	758623	981.8351 ng/ml
EDDP	5.267	6253266	101926.74	39.8	21178.05	316063	1018.2773 ng/ml
* Etizolam	5.827	1269298	18219.70	27.3	479627.17	29582	1257.8605 ng/ml
Fentanyl	5.102	579438	35799.08	67.5	2114.41	306505	101.5513 ng/ml
Flualprazolam	5.712	729814	28786.44	108.4	110317.66	76996	909.8390 ng/ml
Fluoxetine	5.728	3355746	207099.36	7.5	560196.68	112236	1075.9640 ng/ml
Hydrocodone	3.034	2028533	294.82	40.2	249.98	142651	879.5968 ng/ml
Hydromorphone	1.621	2069627	7351325.12	77.7	29695.44	62171	1013.4405 ng/ml
Ketamine	4.056	5211454	500867.48	33.4	17588.12	255883	952.6480 ng/ml
* Lamotrigine	4.299	246580	25560.22	89.3	417892.32	255883	551.5537 ng/ml
Levetiracetam	2.664	1792910	5041.68	164.8	5203.48	519223	1012.4723 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
* Lorazepam	5.754	508365	8972.45	53.1	2260.71	29582	338.2113 ng/ml
* MDA	3.205	4073724	76284.47	25.7	824.88	136656	794.7503 ng/ml
MDMA	3.306	4702000	298803.81	89.3	89762.12	47233	1010.2358 ng/ml
Meprobamate	4.910	902930	18816.36	27.2	748.81	53918	878.7565 ng/ml
Methadone	5.673	8829280	576210.35	56.1	88396.80	333732	1052.9931 ng/ml
* Methamphetamine	3.233	8931163	57838.52	37.3	40613.19	494454	772.1029 ng/ml
* Metoprolol	4.338	1075392	3781236.86	98.4	82845.94	580049	809.5231 ng/ml
Mirtazapine	4.623	10282933	748470.67	50.9	510698.71	275511	1043.6375 ng/ml
Mitragynine	5.236	1729292	97750.24	36.6	63551.99	333732	939.9595 ng/ml
Morphine	1.253	300876	226.78	27.4	2288.84	4782	938.2126 ng/ml
Norbuprenorphine	5.005	25733	78634.82	88.9	649.15	11788	96.5641 ng/ml
Nordiazepam	5.914	1375885	95024.31	54.3	5610.94	50540	943.8240 ng/ml
* Norfentanyl	4.097	1364016	72294.76	36.1	12124.74	428788	122.8137 ng/ml
* Norhydrocodone	3.082	334812	289.51	41.5	301.36	23377	1166.5056 ng/ml
Noroxycodone	2.925	1331307	924.77	49.0	5649.77	39611	1003.4430 ng/ml
O-desmethyl-tramadol	3.386	12773784	279119.97	5.8	86024.83	614645	1043.9396 ng/ml
Oxazepam	5.763	730921	23837.57	73.8	14987.89	45138	940.2403 ng/ml
Oxycodone	2.843	3646311	∞	30.6	17806.77	169887	873.1325 ng/ml
Oxymorphone	1.411	1708184	336.05	49.8	∞	54344	1001.0887 ng/ml
* Phentermine	3.794	2419996	∞	4.6	7032.16	437335	706.6372 ng/ml
Promethazine	5.552	10429711	126929.90	28.8	886.37	396514	1071.7350 ng/ml
Pseudoephedrine	2.604	11483133	188755.42	16.3	70502.69	519223	1063.5423 ng/ml
* Quetiapine	5.548	4231823	∞	60.9	593.09	108571	649.6137 ng/ml
Sertraline	5.796	1056481	239250.20	94.1	30619.27	41956	1062.3071 ng/ml
Temazepam	5.837	2539300	80843.93	26.9	7062.80	118368	991.8004 ng/ml
Tramadol	4.251	11279706	173146.76	3.2	390.47	580049	938.3164 ng/ml
Trazodone	5.121	7553343	218636.73	82.2	3154.75	247188	1122.0096 ng/ml
Venlafaxine	5.050	11432495	91381.05	29.8	12419.33	529154	1123.0332 ng/ml
Zolpidem	4.886	10793979	424704.22	27.5	519479.30	563101	961.8513 ng/ml

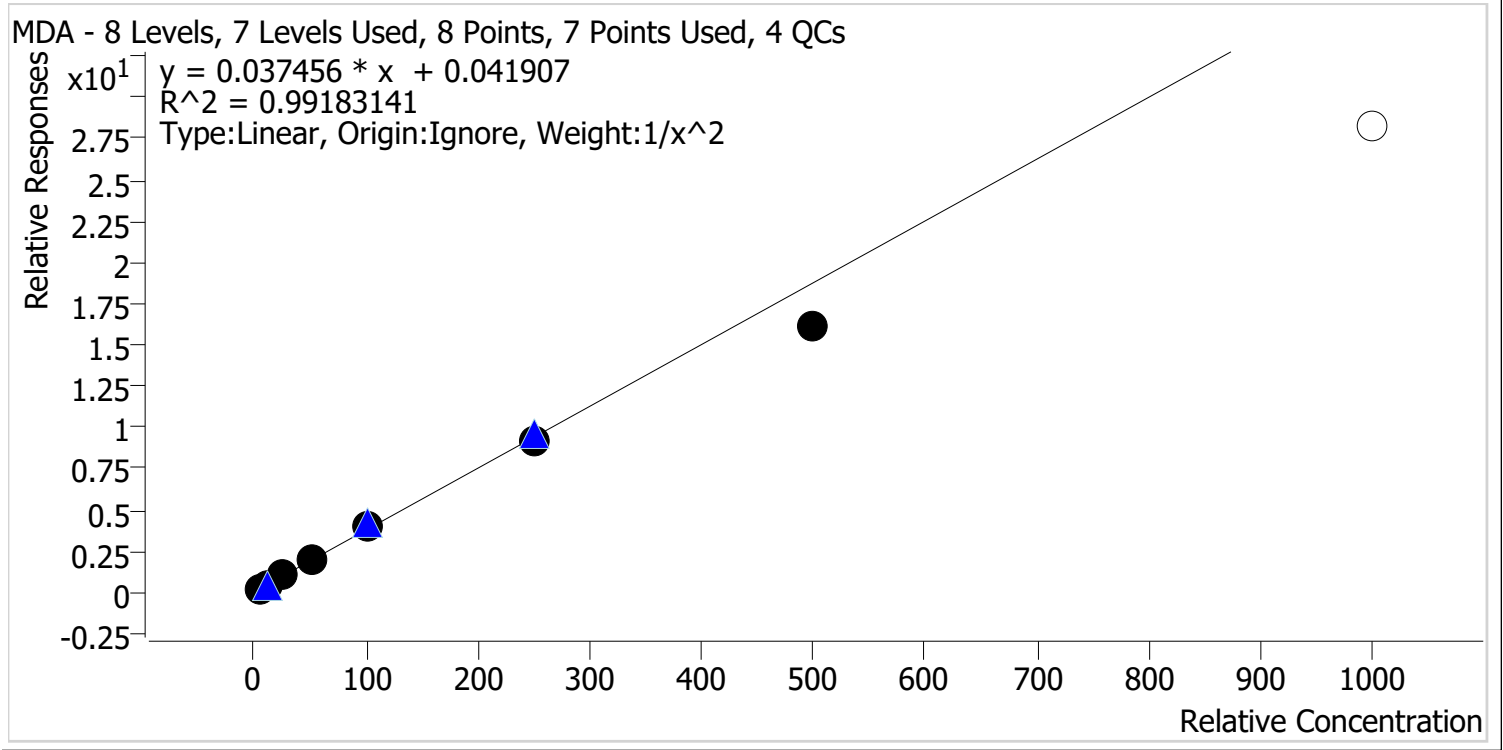
*Outside curve range.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.0
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	429.8	86.0
p1 Cal 8-1000ng	8	✗	1000.0	755.2	75.5

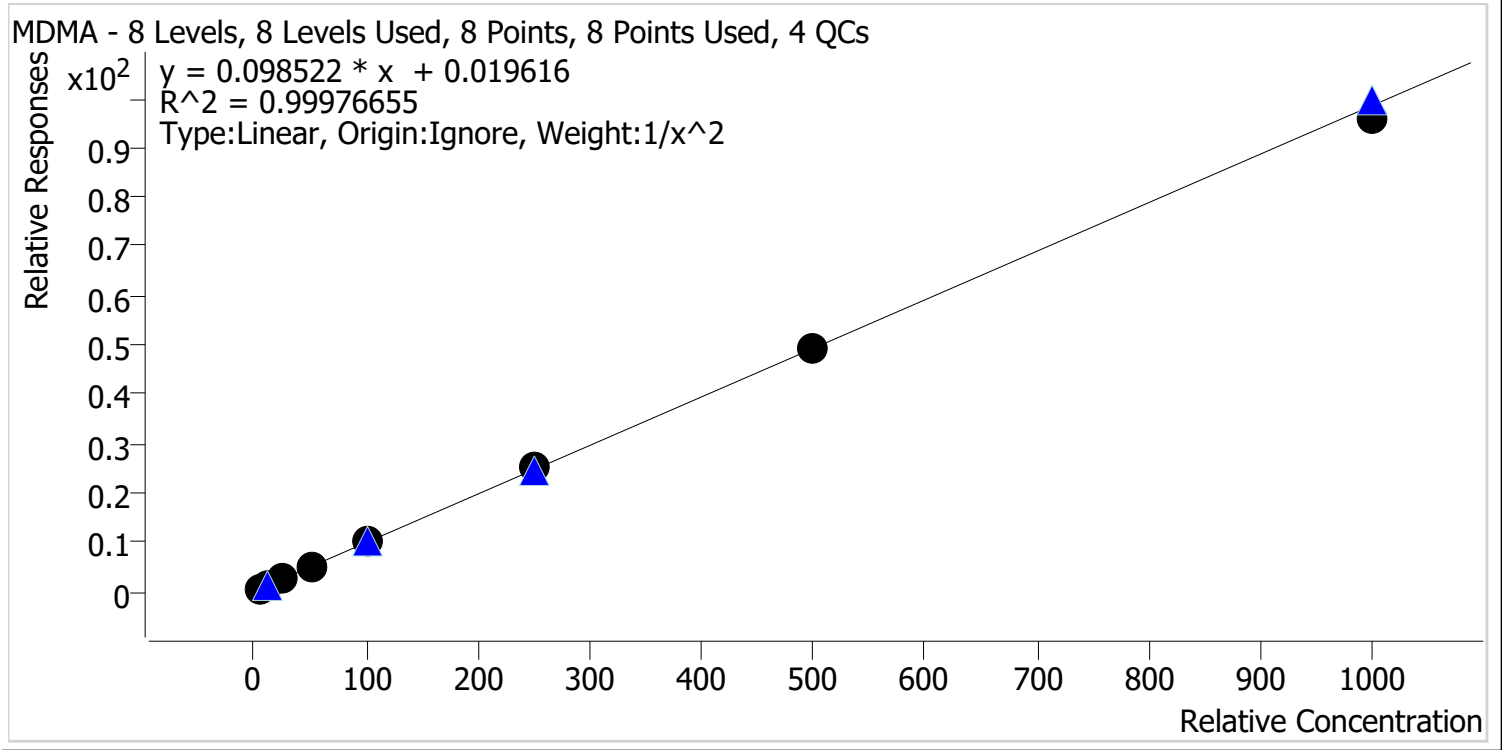
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6



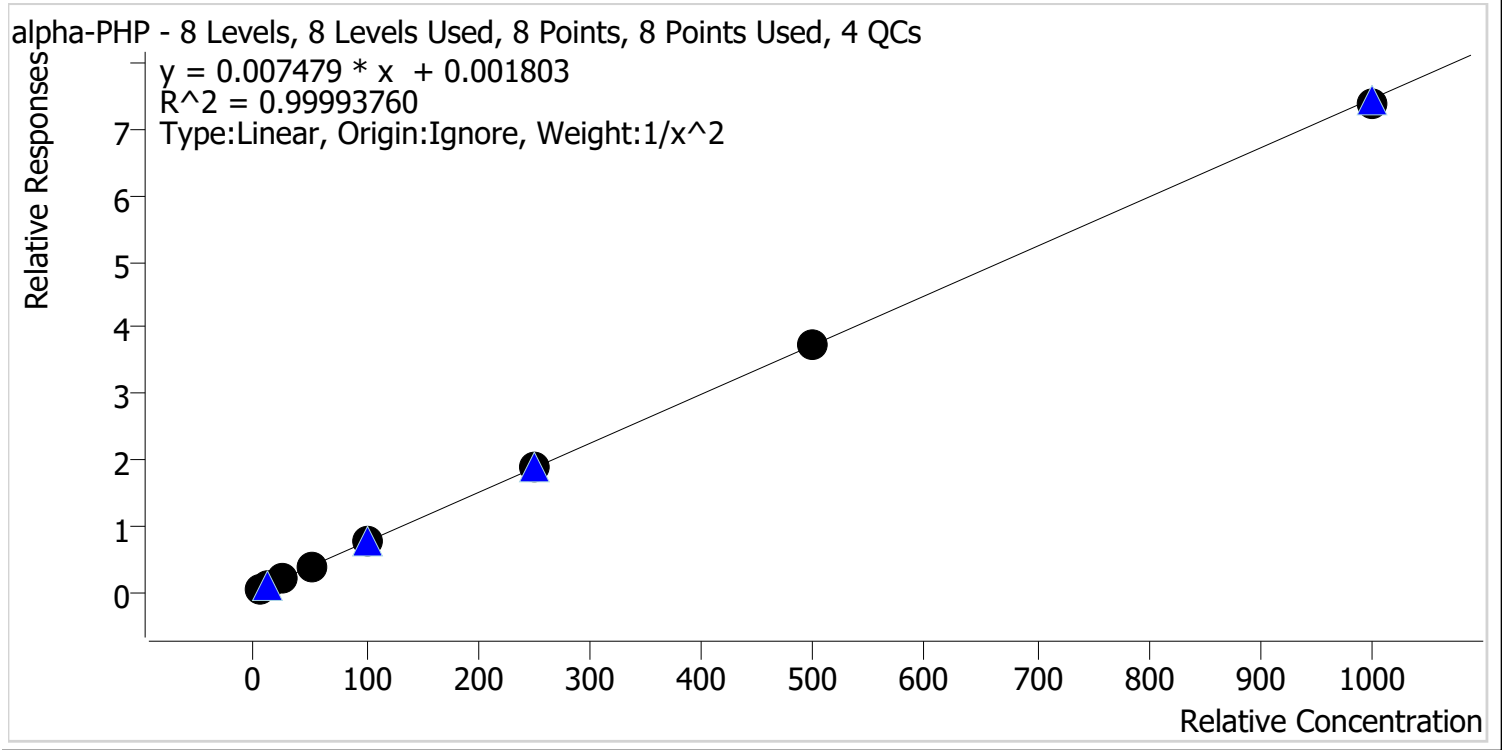
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.9	101.7
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	497.0	99.4
p1 Cal 8-1000ng	8	✓	1000.0	976.5	97.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8



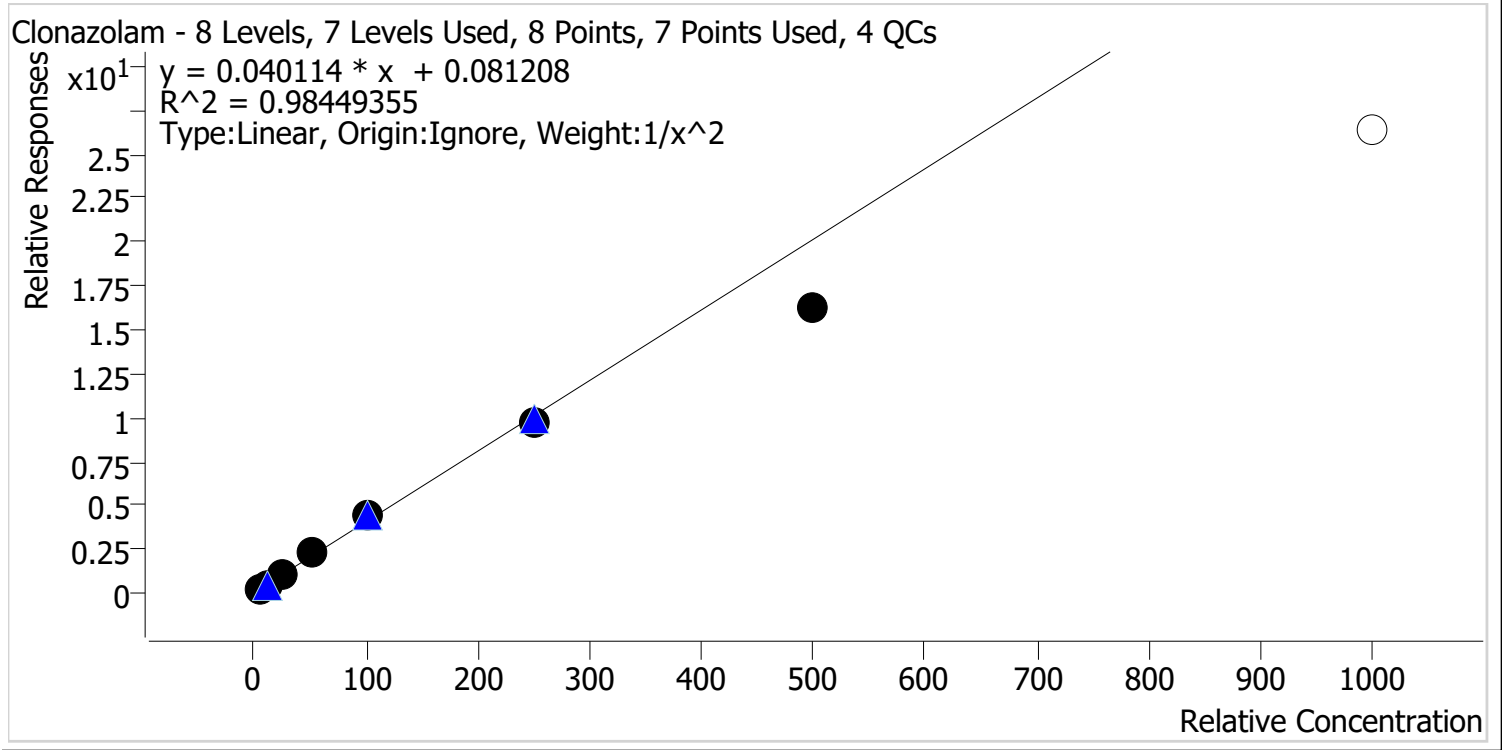
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.4	100.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	250.4	100.1
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	987.1	98.7

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.2
p1 Cal 4-50ng	4	✓	50.0	55.6	111.1
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	238.3	95.3
p1 Cal 7-500ng	7	✓	500.0	403.3	80.7
p1 Cal 8-1000ng	8	✗	1000.0	654.7	65.5

Calibrator 8 dropped due to accuracy.

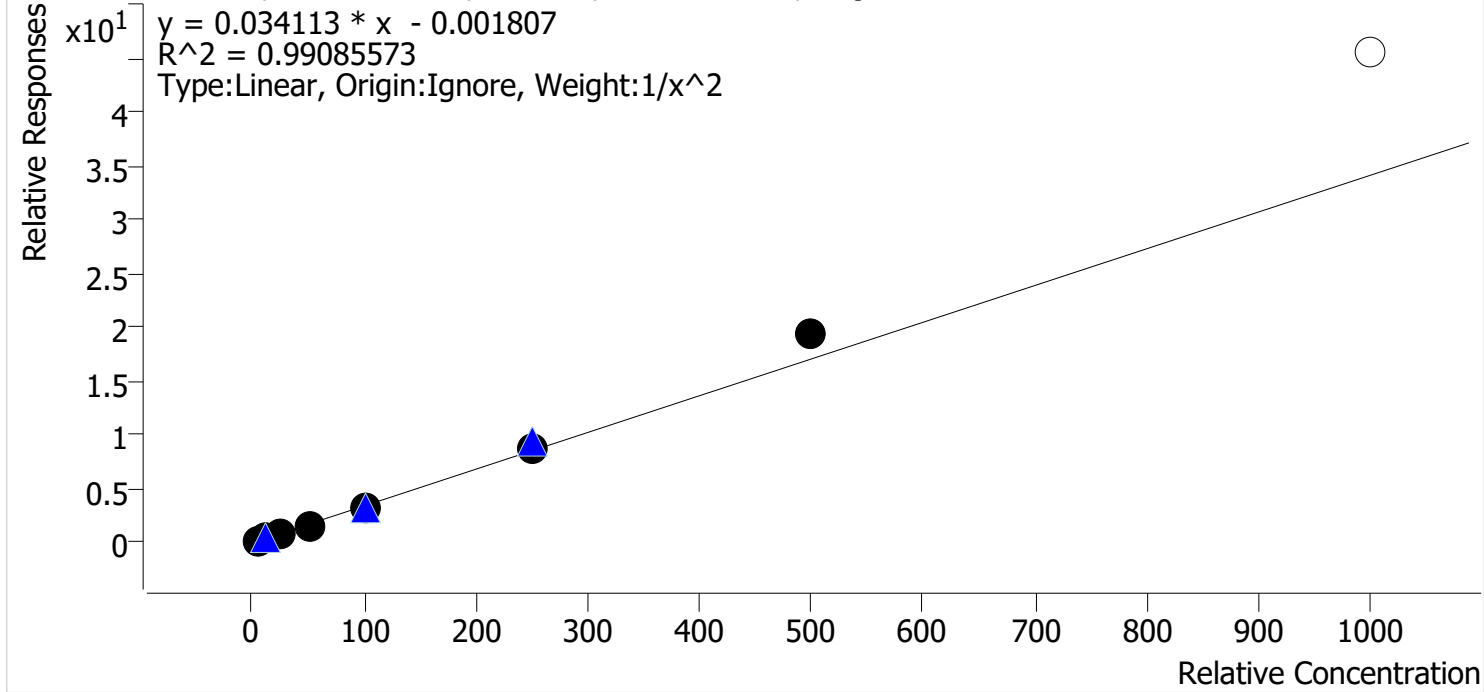
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	5.3	105.6
p1 Cal 2-10ng	2	✓	10.0	9.3	92.5
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.7
p1 Cal 4-50ng	4	✓	50.0	46.6	93.1
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	260.0	104.0
p1 Cal 7-500ng	7	✓	500.0	570.2	114.0
p1 Cal 8-1000ng	8	✗	1000.0	1334.1	133.4

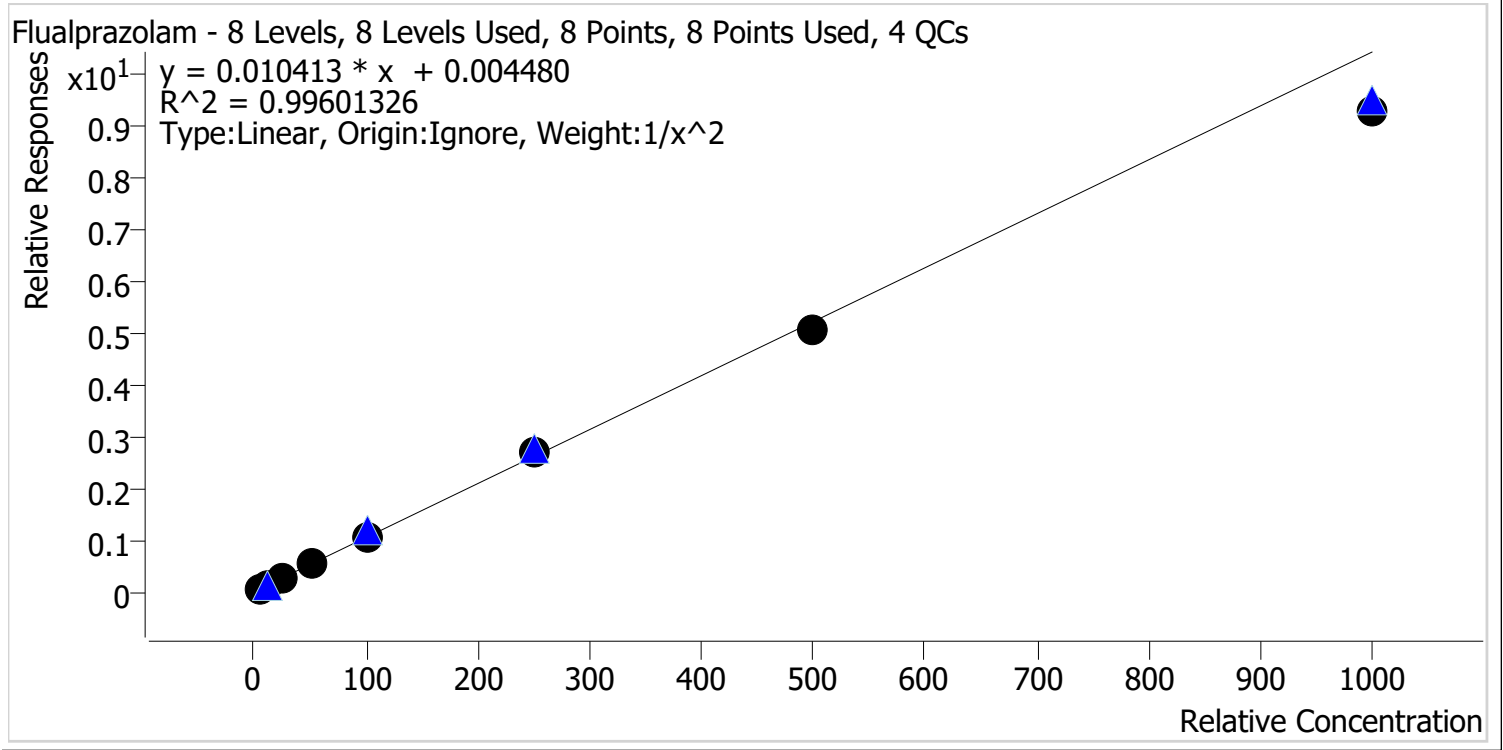
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	4.9	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	259.0	103.6
p1 Cal 7-500ng	7	✓	500.0	482.4	96.5
p1 Cal 8-1000ng	8	✓	1000.0	888.1	88.8

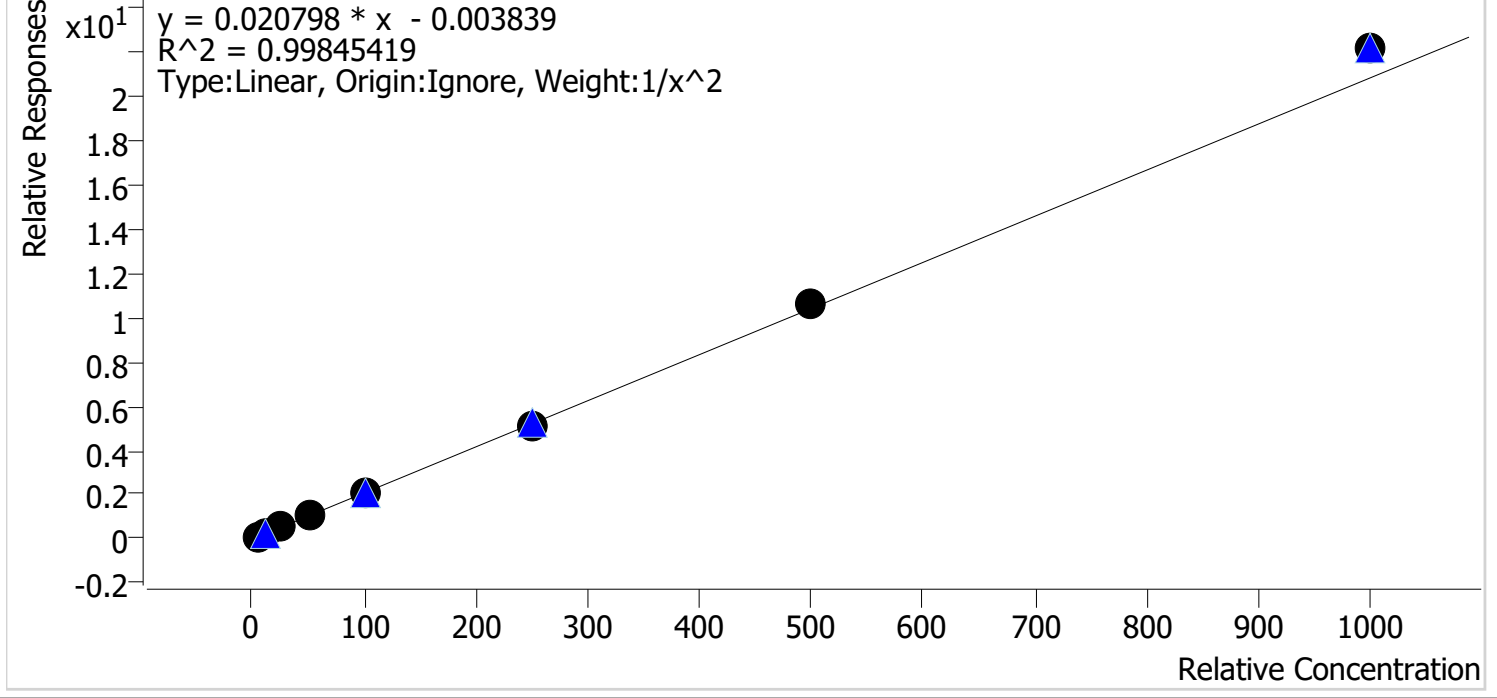
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



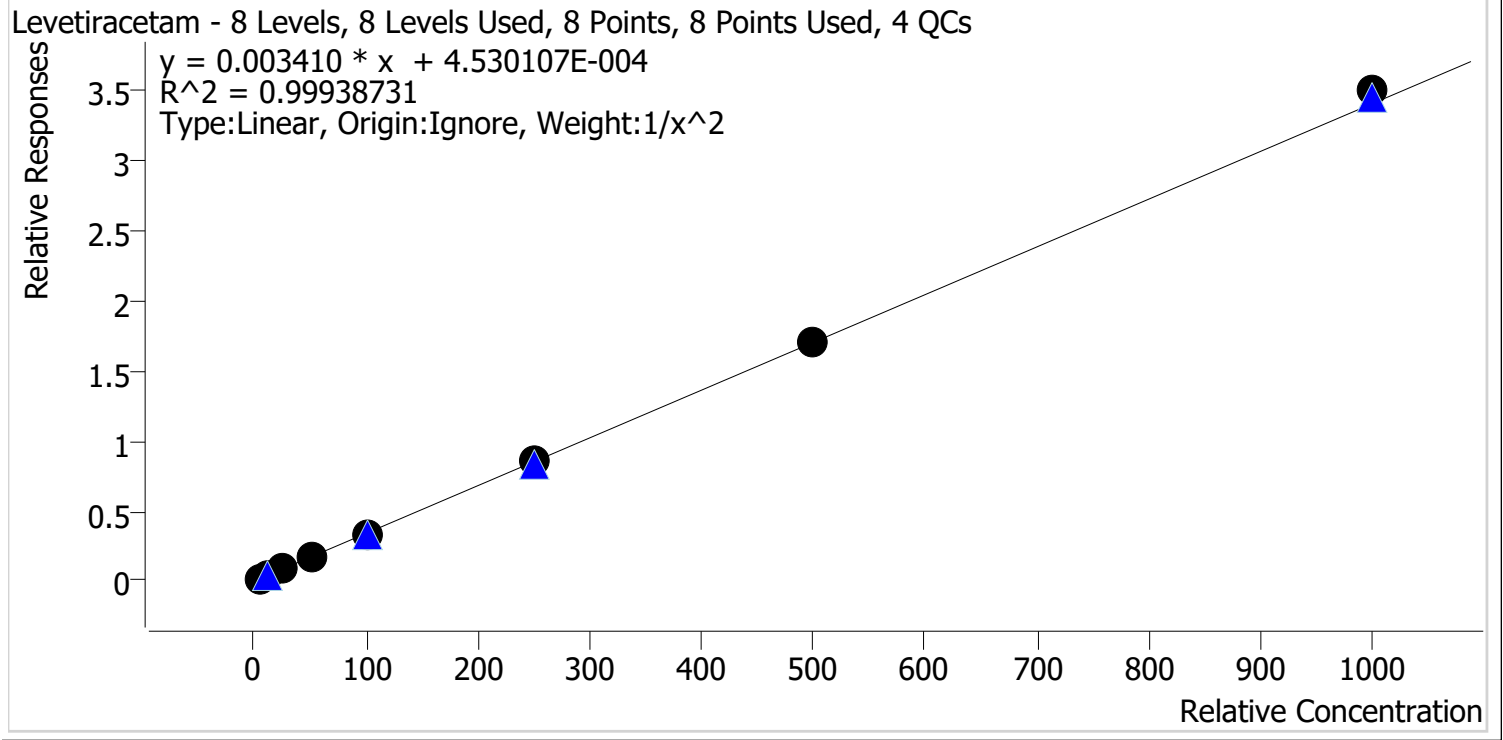
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	513.1	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1062.5	106.2

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	249.8	99.9
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	1027.5	102.8

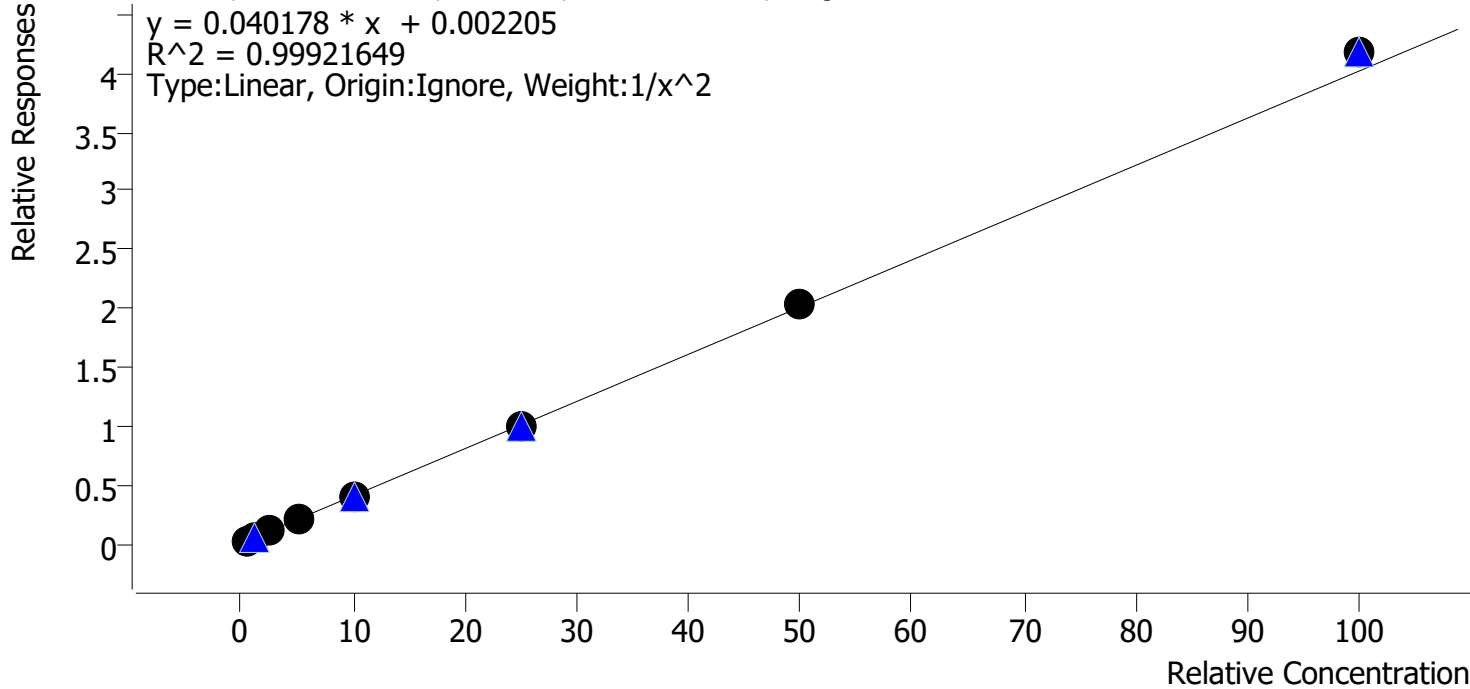
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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



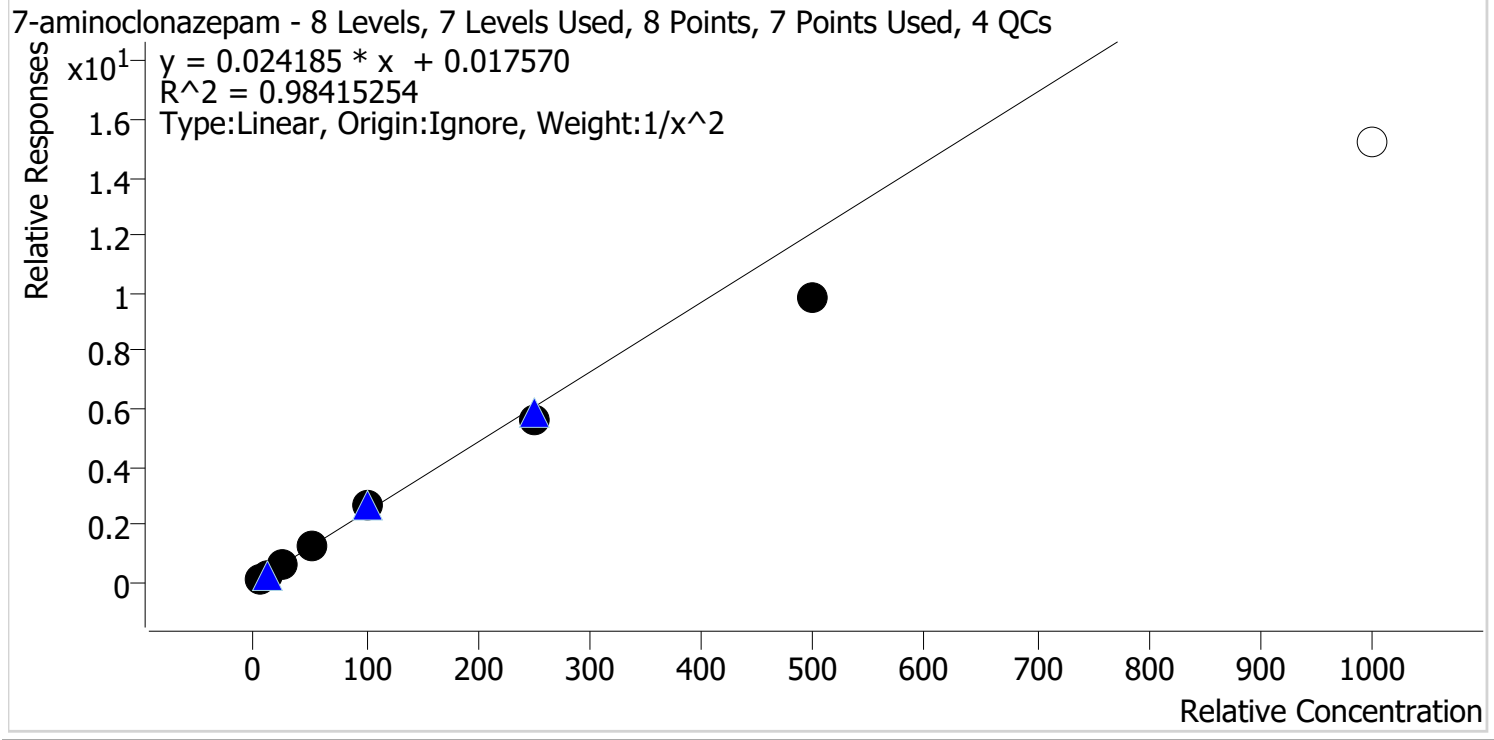
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	99.8
p1 Cal 2-10ng	2	✓	1.0	1.0	101.7
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.2
p1 Cal 4-50ng	4	✓	5.0	4.9	98.3
p1 Cal 5-100ng	5	✓	10.0	9.6	96.3
p1 Cal 6-250ng	6	✓	25.0	24.9	99.8
p1 Cal 7-500ng	7	✓	50.0	51.0	102.0
p1 Cal 8-1000ng	8	✓	100.0	103.9	103.9

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	4.7	93.4
p1 Cal 2-10ng	2	✓	10.0	10.9	108.5
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.8
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	108.9	108.9
p1 Cal 6-250ng	6	✓	250.0	232.9	93.1
p1 Cal 7-500ng	7	✓	500.0	407.5	81.5
p1 Cal 8-1000ng	8	x	1000.0	628.7	62.9

Calibrator 8 dropped due to accuracy.

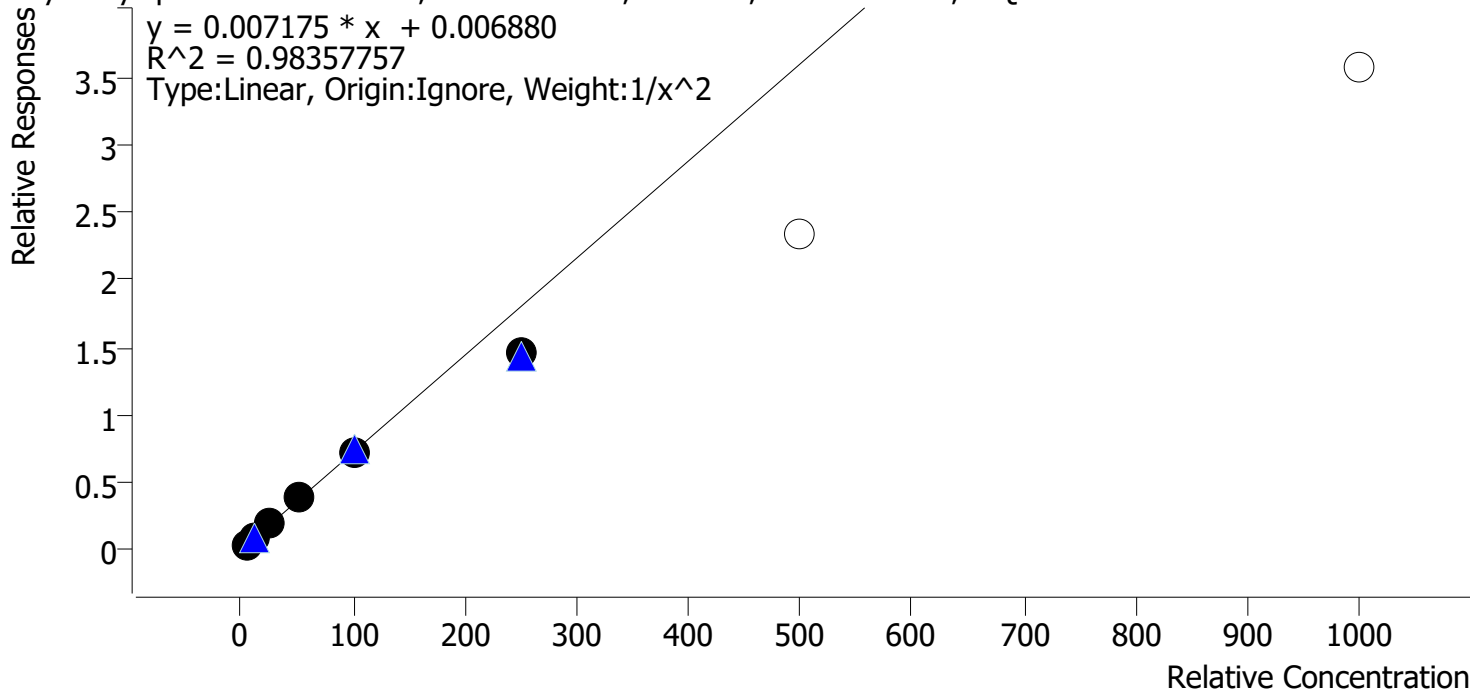
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 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	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	55.0	109.9
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	203.4	81.4
p1 Cal 7-500ng	7	x	500.0	323.6	64.7
p1 Cal 8-1000ng	8	x	1000.0	494.8	49.5

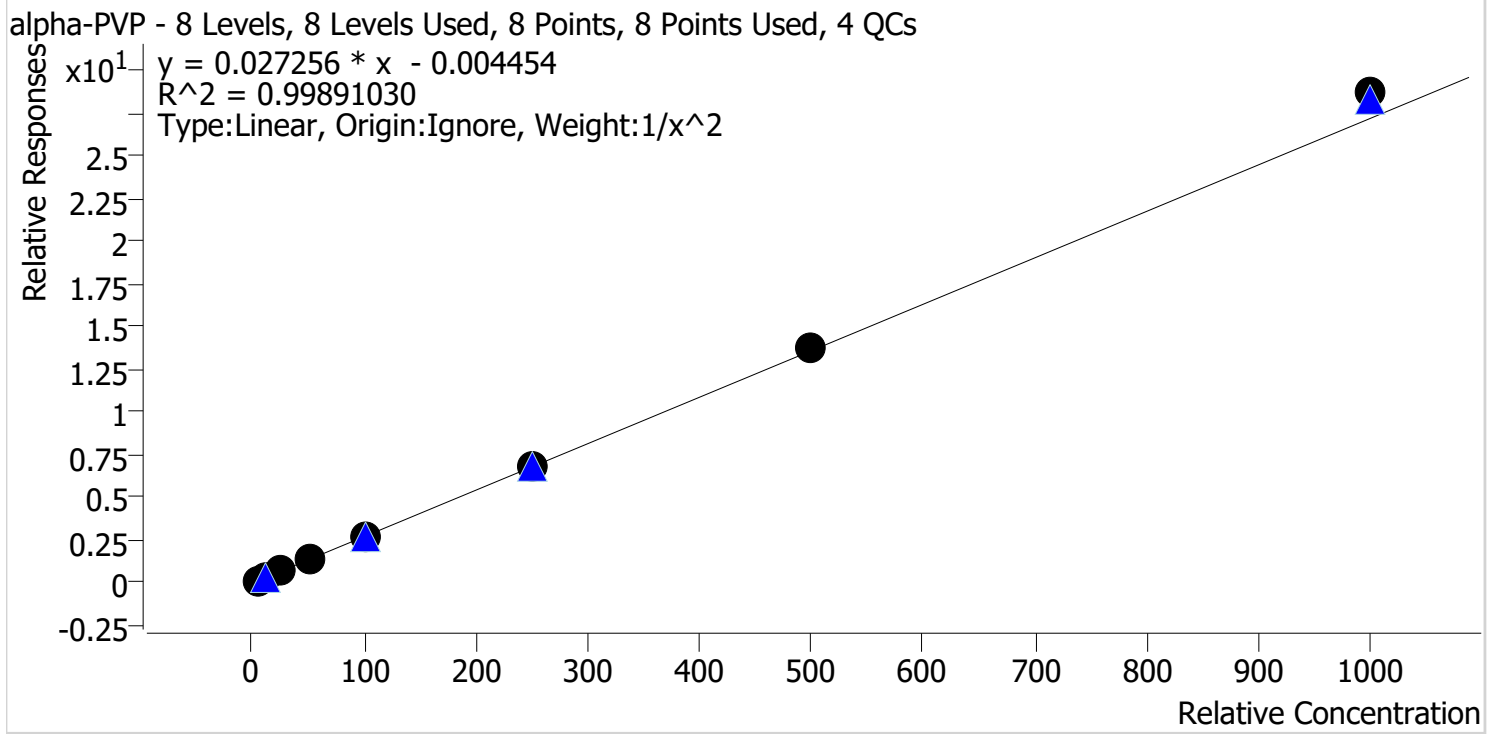
Calibrators 7 and 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8



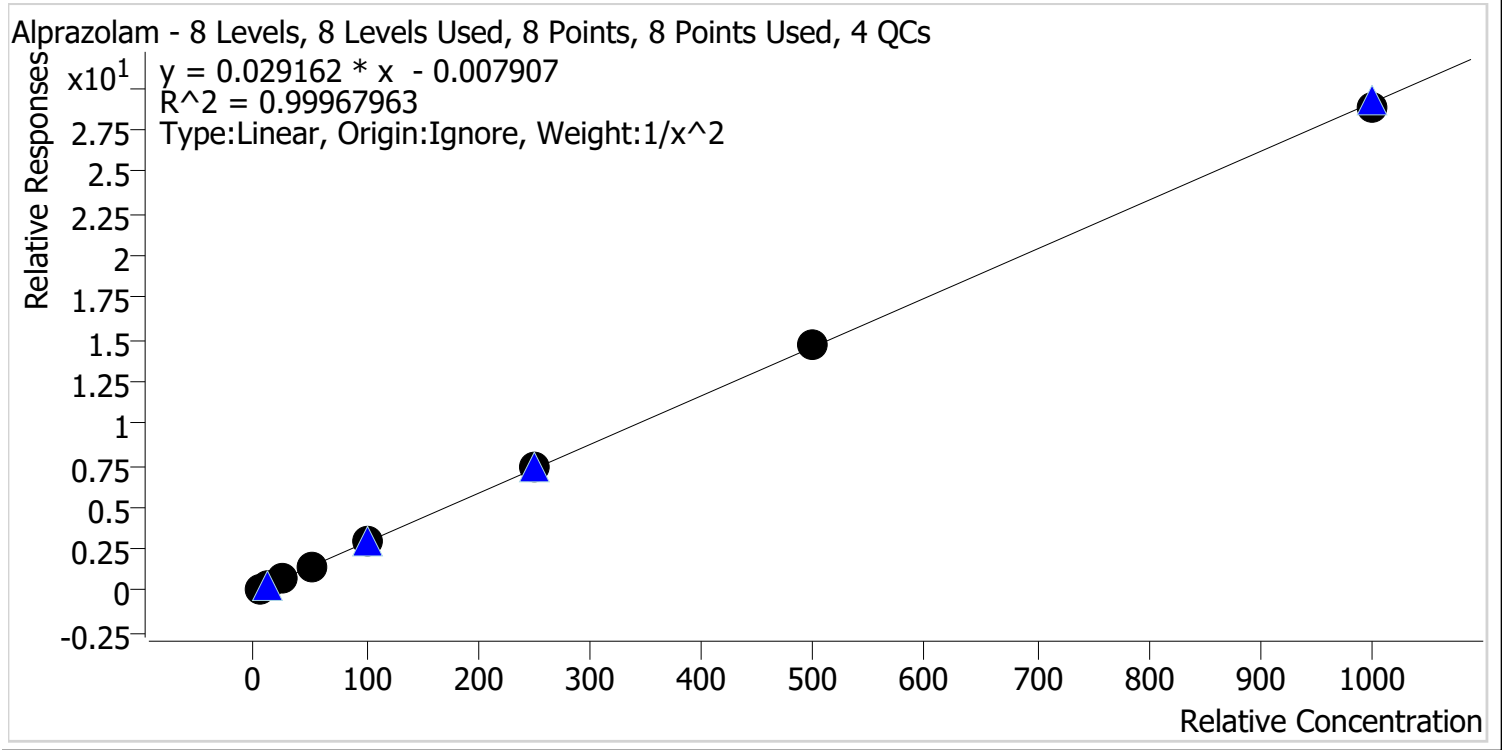
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	247.8	99.1
p1 Cal 7-500ng	7	✓	500.0	509.9	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1055.6	105.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



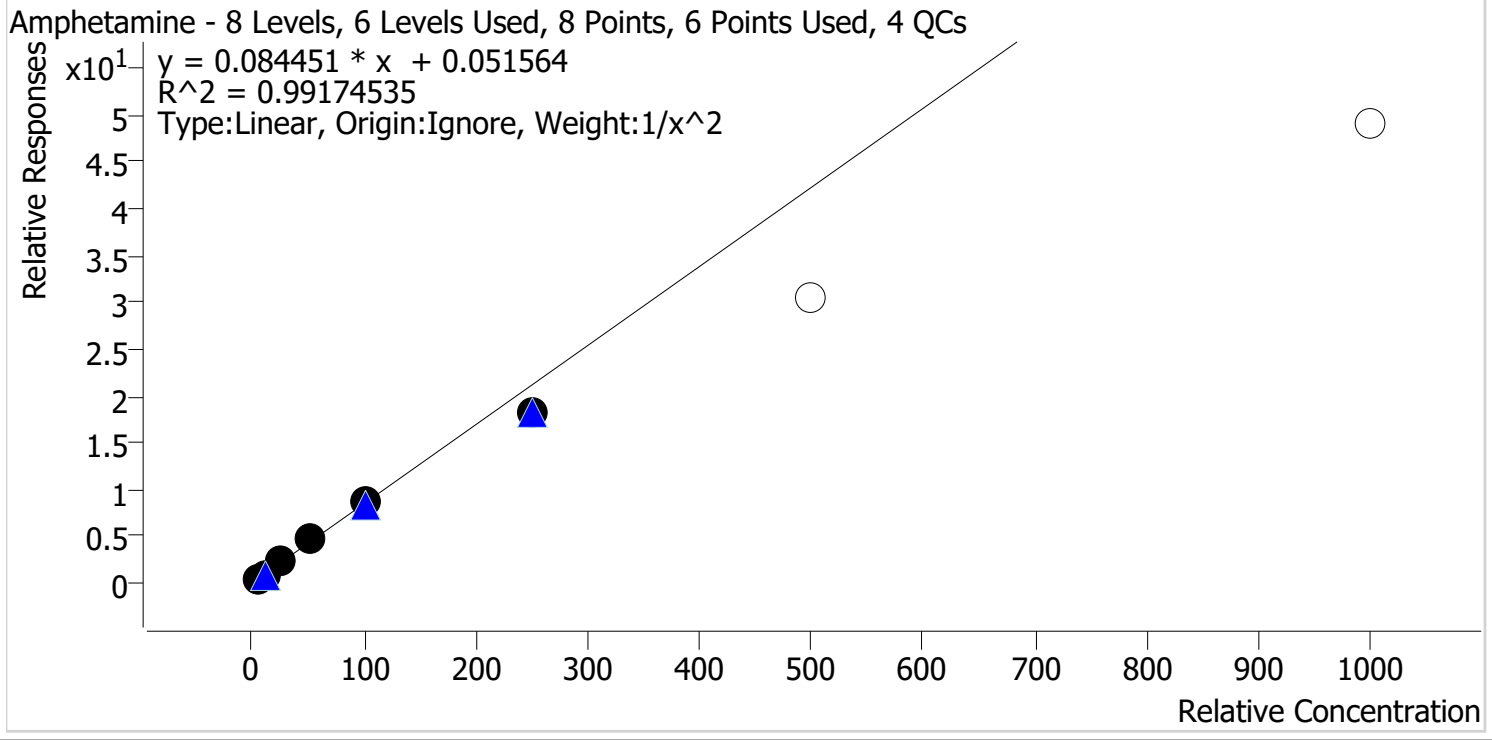
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	257.5	103.0
p1 Cal 7-500ng	7	✓	500.0	504.4	100.9
p1 Cal 8-1000ng	8	✓	1000.0	991.8	99.2

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.7
p1 Cal 4-50ng	4	✓	50.0	54.3	108.7
p1 Cal 5-100ng	5	✓	100.0	102.2	102.2
p1 Cal 6-250ng	6	✓	250.0	217.4	87.0
p1 Cal 7-500ng	7	x	500.0	362.3	72.5
p1 Cal 8-1000ng	8	x	1000.0	583.3	58.3

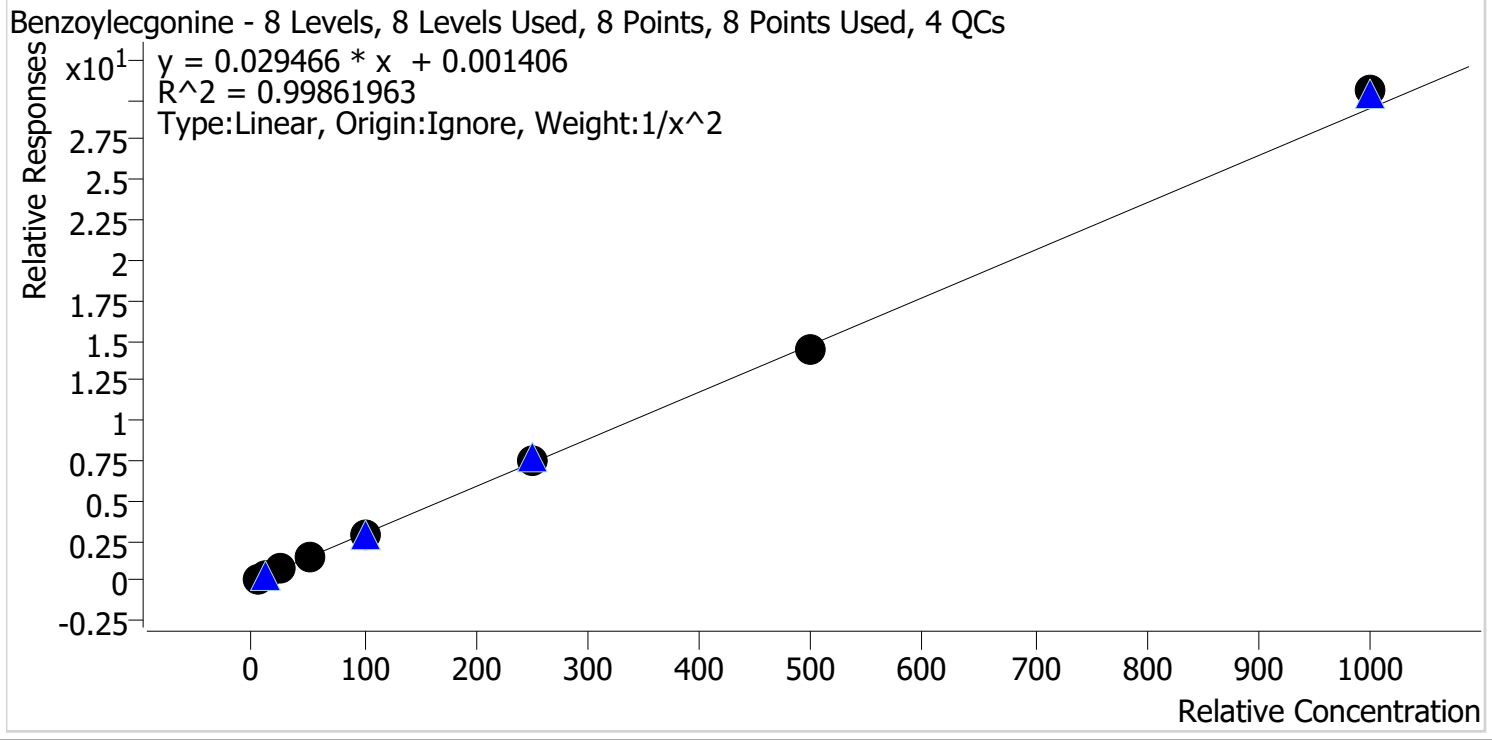
Calibrators 7 and 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



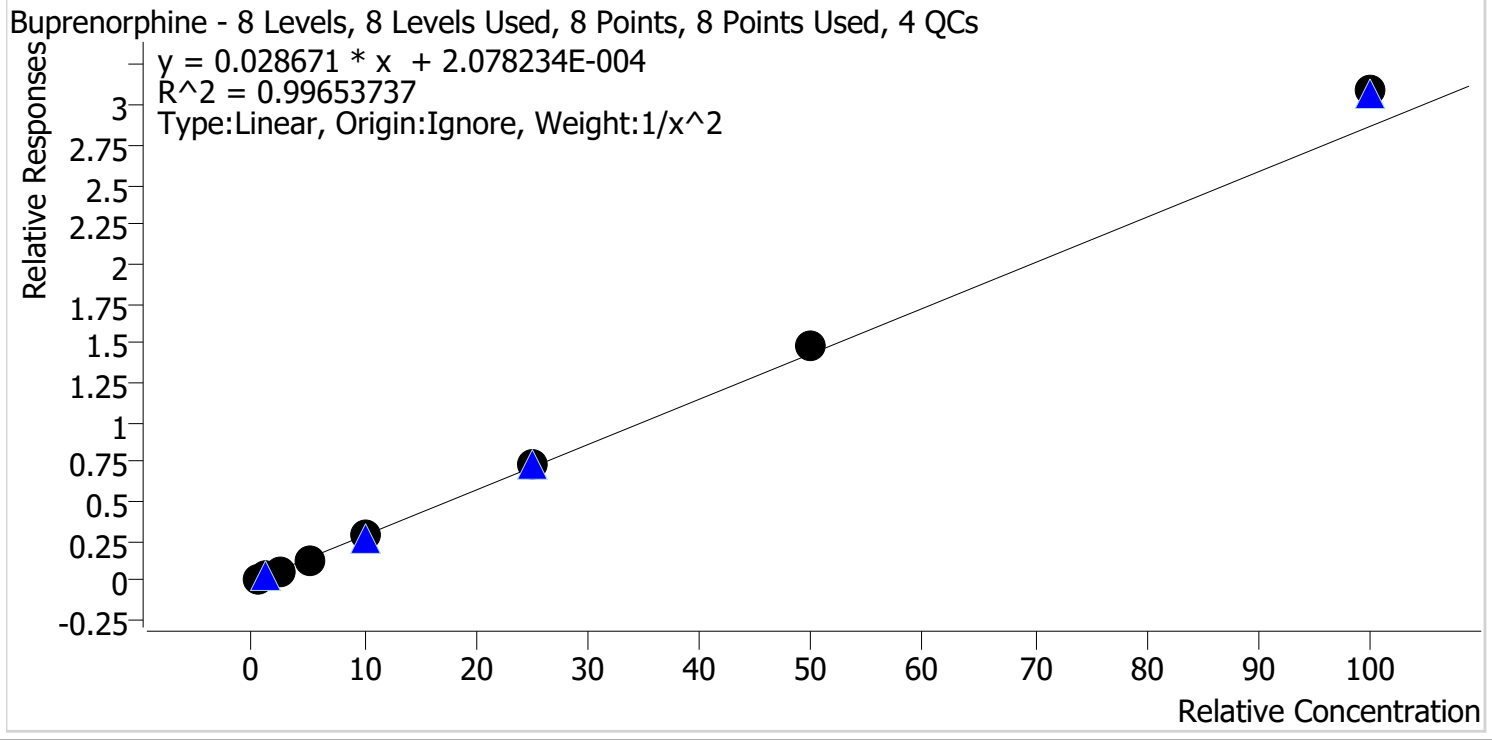
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.4
p1 Cal 4-50ng	4	✓	50.0	49.0	97.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	256.6	102.7
p1 Cal 7-500ng	7	✓	500.0	488.5	97.7
p1 Cal 8-1000ng	8	✓	1000.0	1037.6	103.8

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



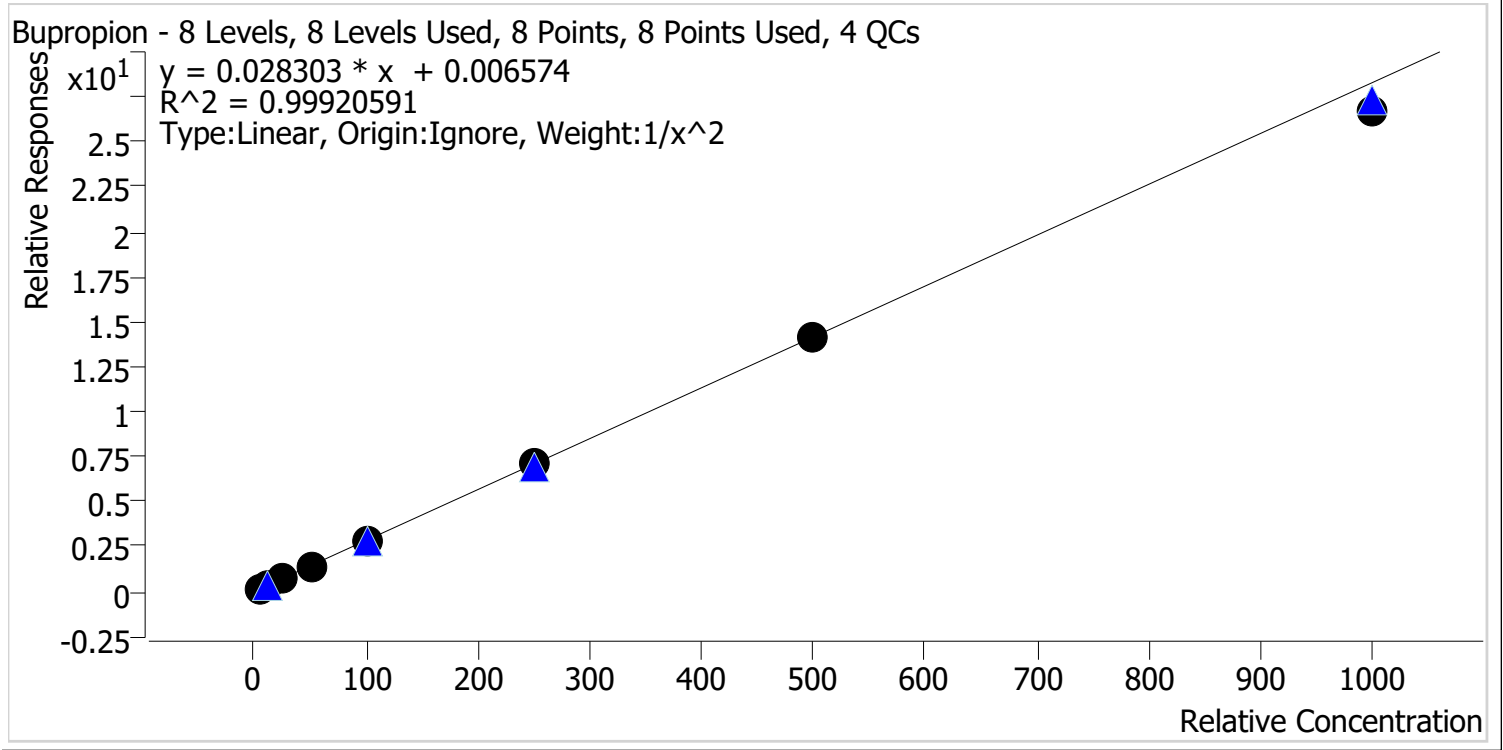
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.4
p1 Cal 2-10ng	2	✓	1.0	1.0	97.1
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.9
p1 Cal 4-50ng	4	✓	5.0	4.7	94.2
p1 Cal 5-100ng	5	✓	10.0	9.9	98.9
p1 Cal 6-250ng	6	✓	25.0	25.6	102.6
p1 Cal 7-500ng	7	✓	50.0	51.5	103.1
p1 Cal 8-1000ng	8	✓	100.0	107.9	107.9

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



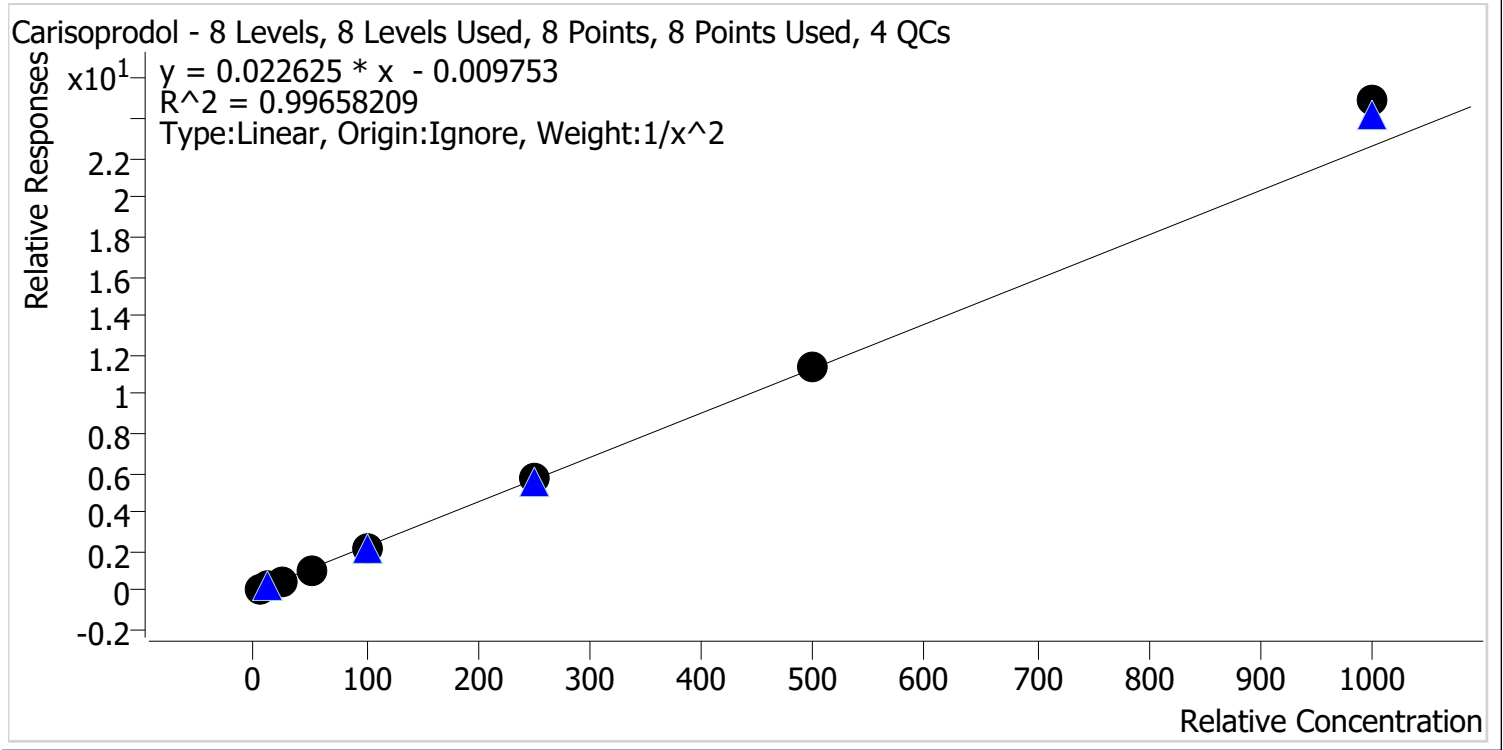
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	496.2	99.2
p1 Cal 8-1000ng	8	✓	1000.0	947.2	94.7

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	47.0	93.9
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	507.4	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1102.1	110.2

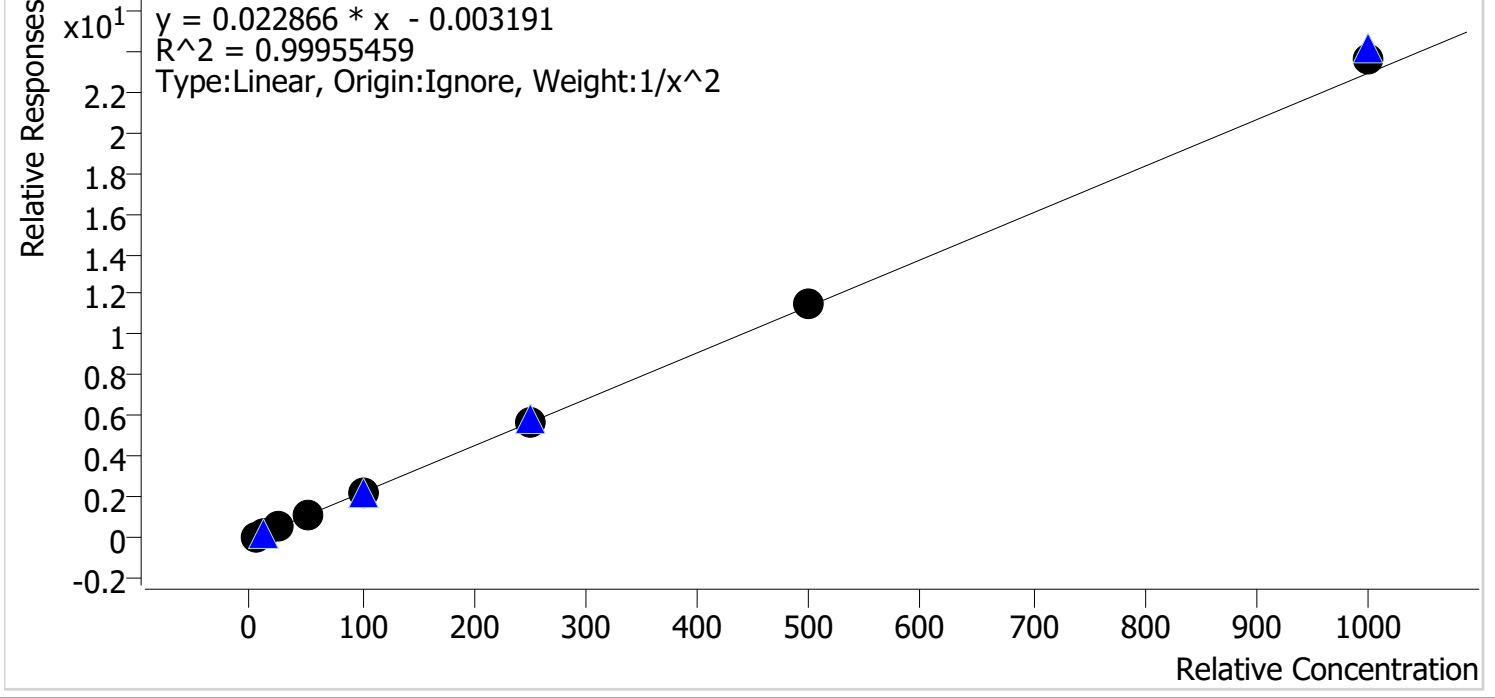
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



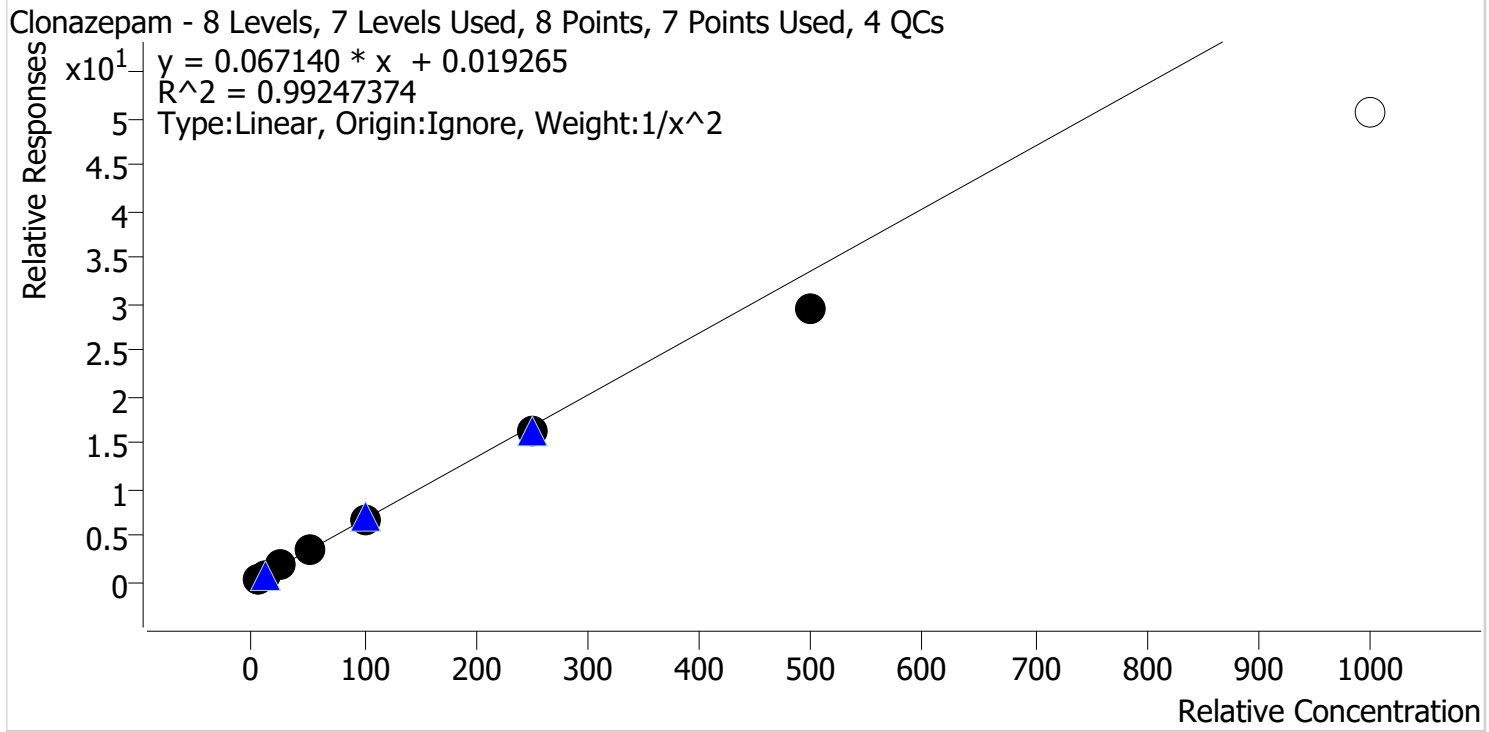
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.4
p1 Cal 4-50ng	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	502.1	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1029.8	103.0

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.8	108.3
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.8
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng	7	✓	500.0	439.5	87.9
p1 Cal 8-1000ng	8	✗	1000.0	757.1	75.7

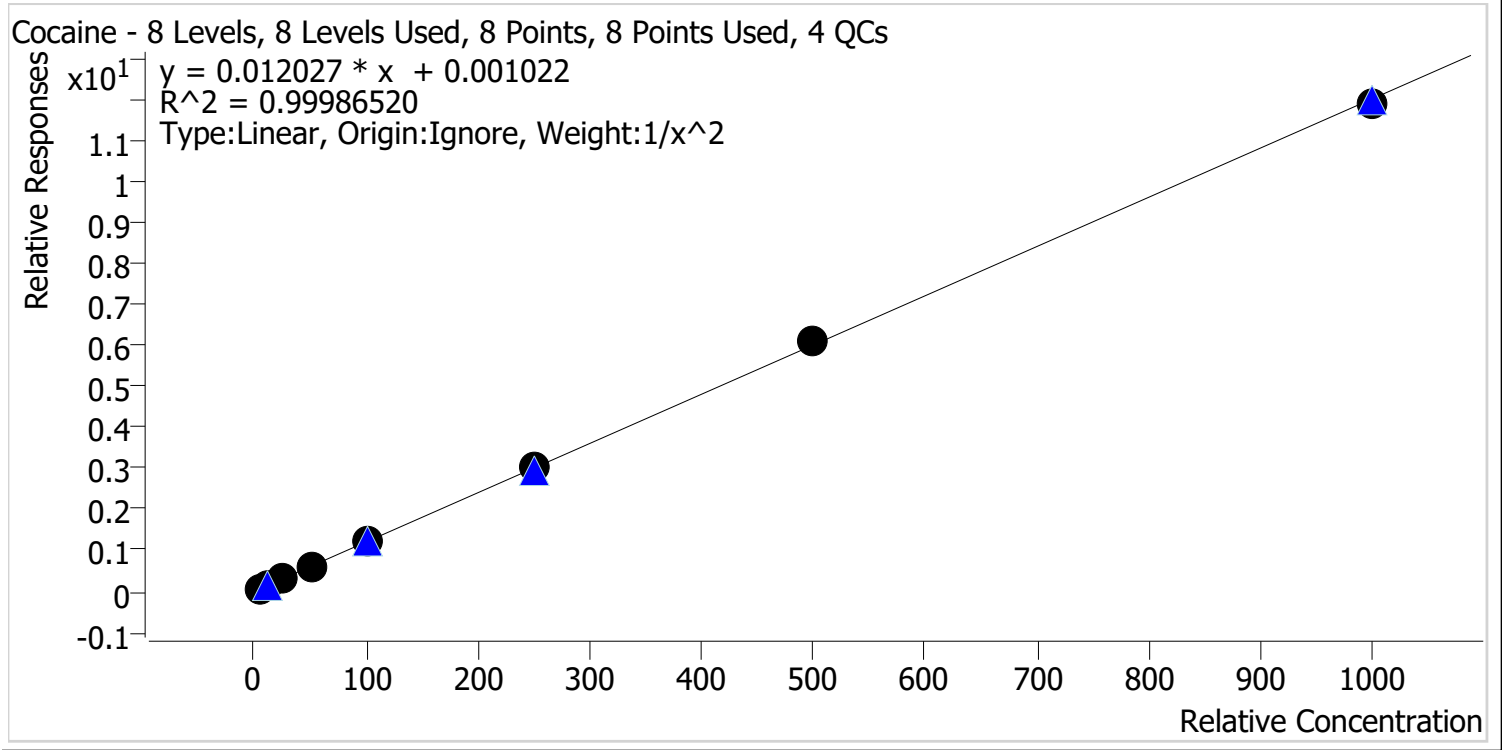
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3



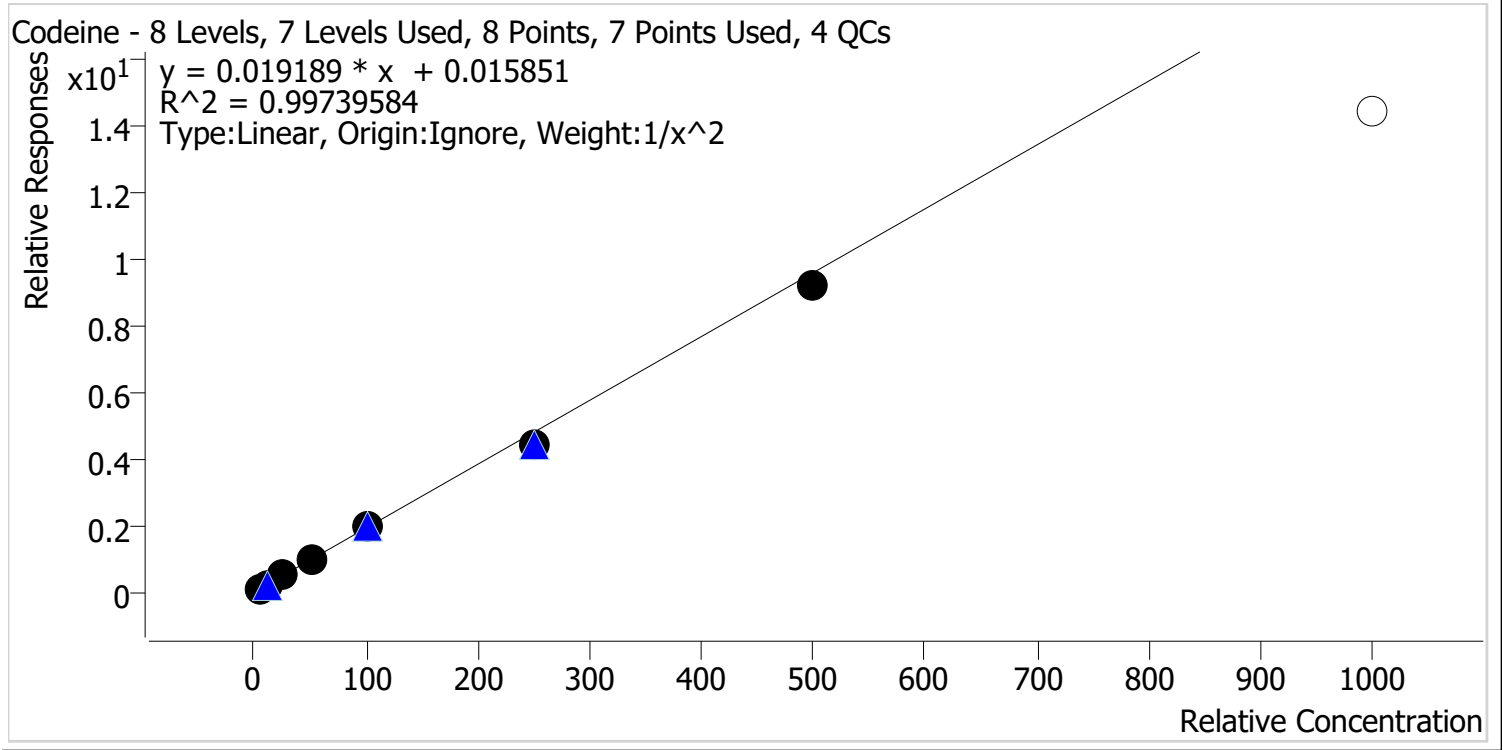
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	505.8	101.2
p1 Cal 8-1000ng	8	✓	1000.0	989.1	98.9

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	233.2	93.3
p1 Cal 7-500ng	7	✓	500.0	480.0	96.0
p1 Cal 8-1000ng	8	✗	1000.0	752.5	75.3

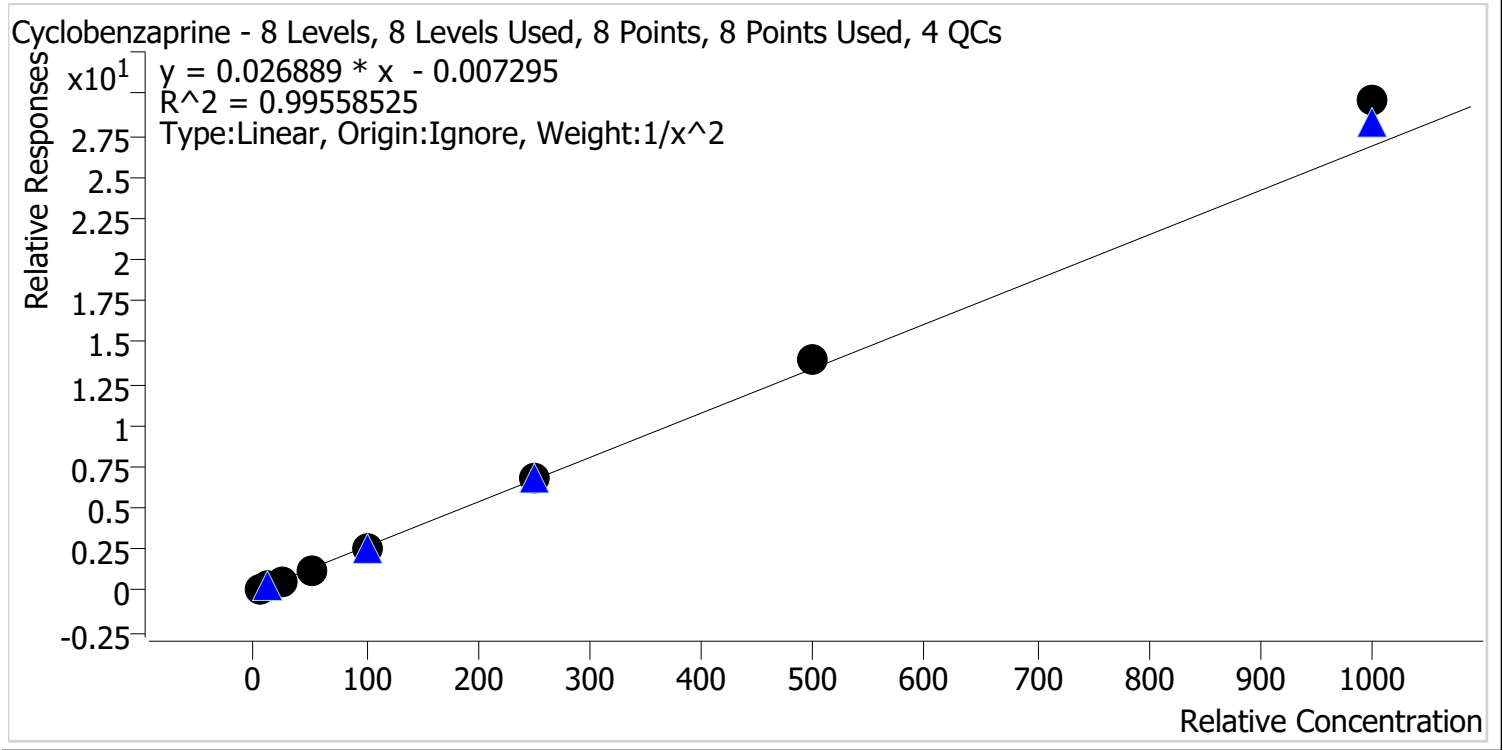
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.5	94.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	252.9	101.1
p1 Cal 7-500ng	7	✓	500.0	517.5	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1101.9	110.2

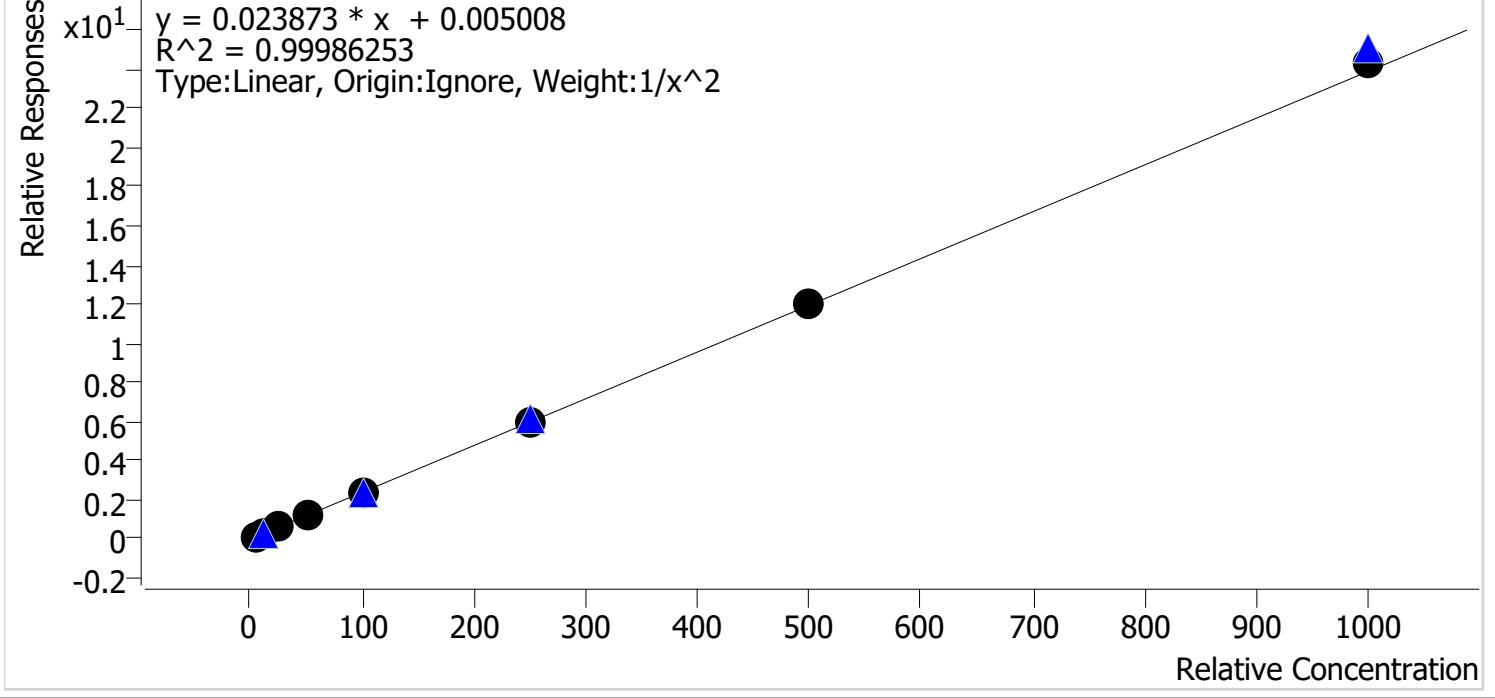
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	503.6	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1017.5	101.8

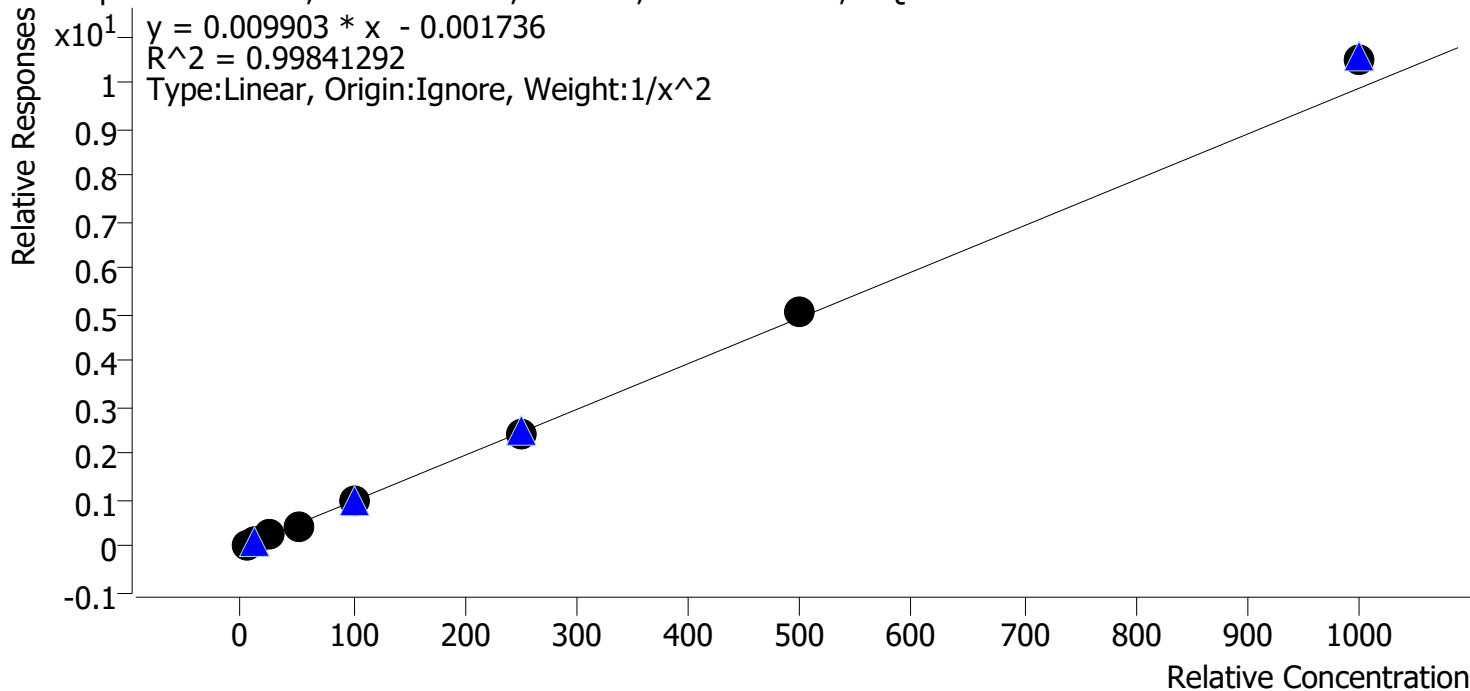
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

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



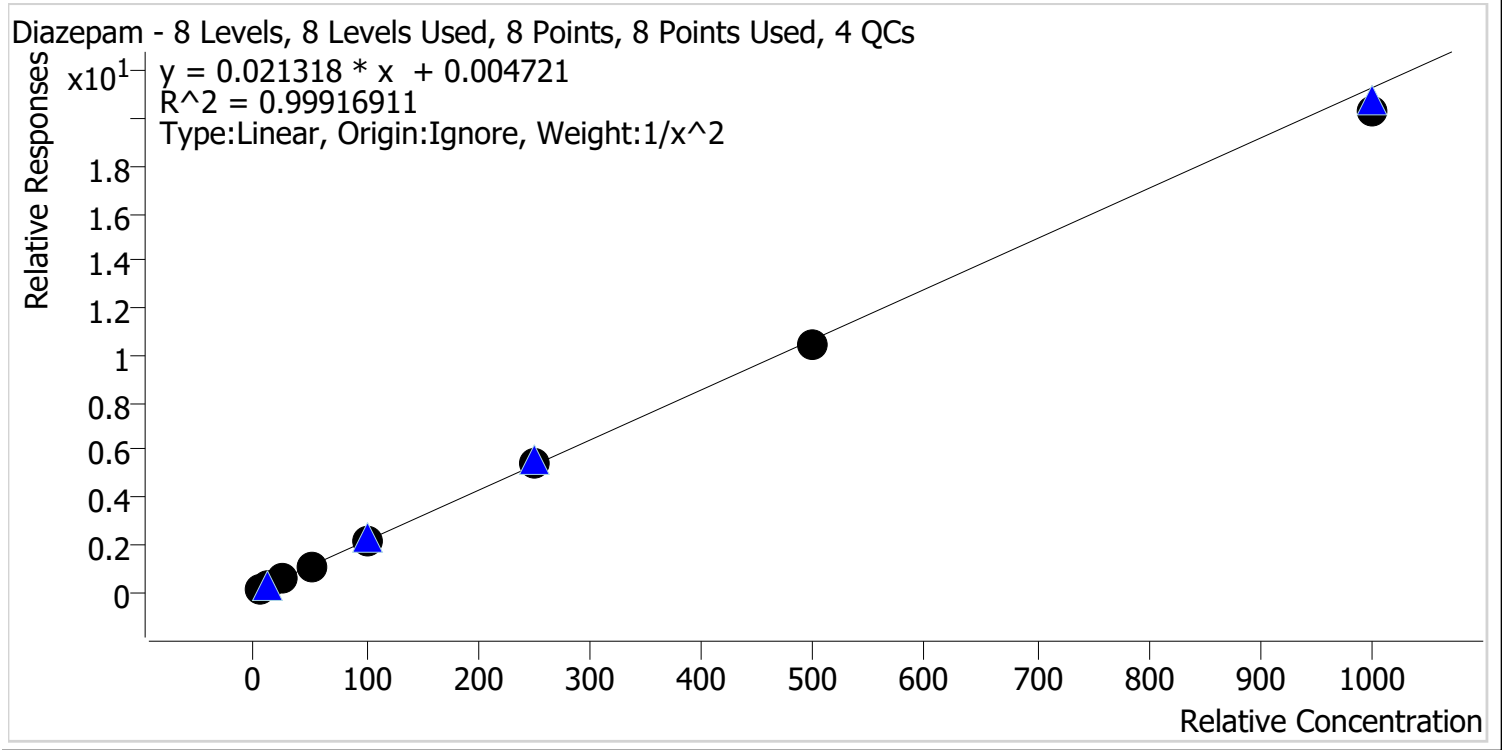
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	515.1	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1061.3	106.1

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



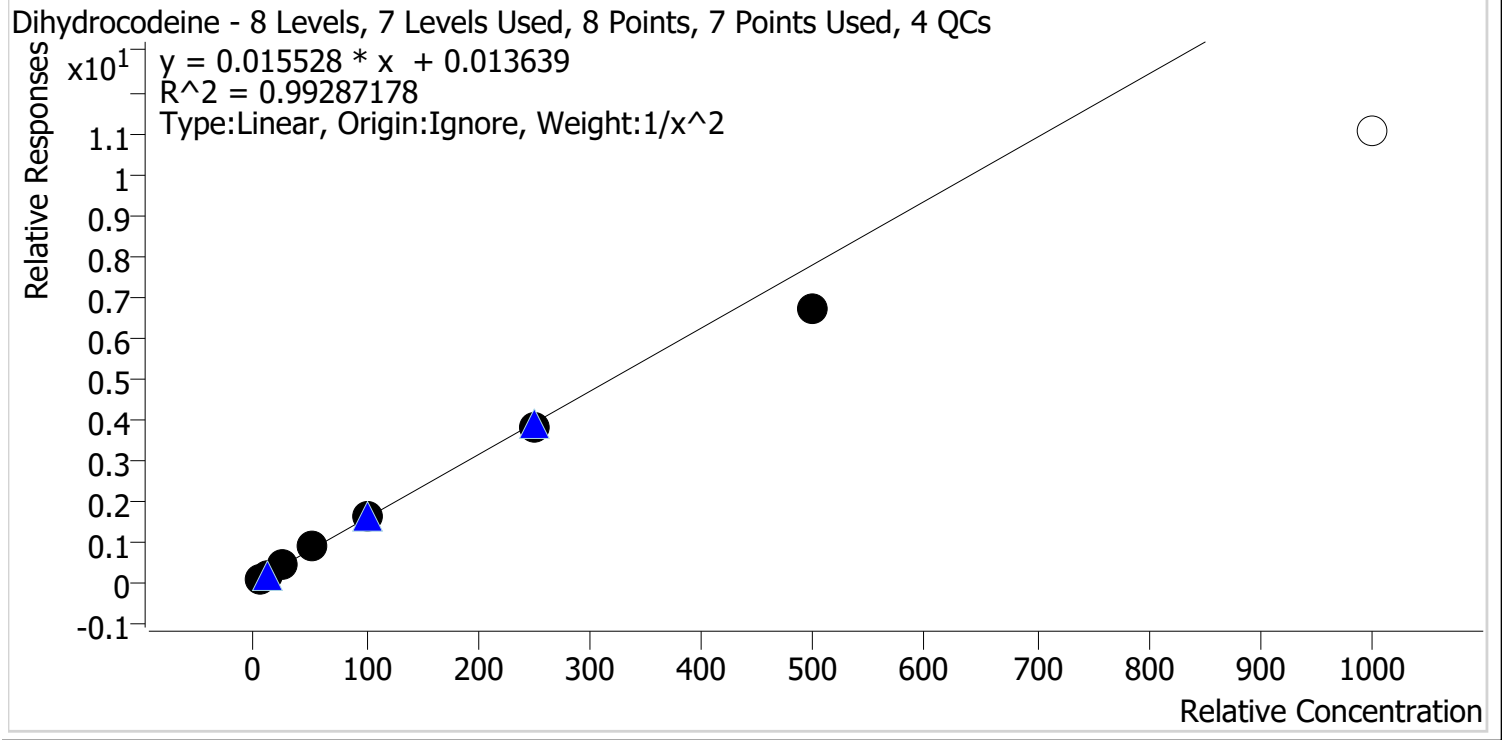
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng	4	✓	50.0	51.2	102.5
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	250.5	100.2
p1 Cal 7-500ng	7	✓	500.0	491.5	98.3
p1 Cal 8-1000ng	8	✓	1000.0	951.9	95.2

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	243.9	97.5
p1 Cal 7-500ng	7	✓	500.0	432.9	86.6
p1 Cal 8-1000ng	8	✗	1000.0	709.3	70.9

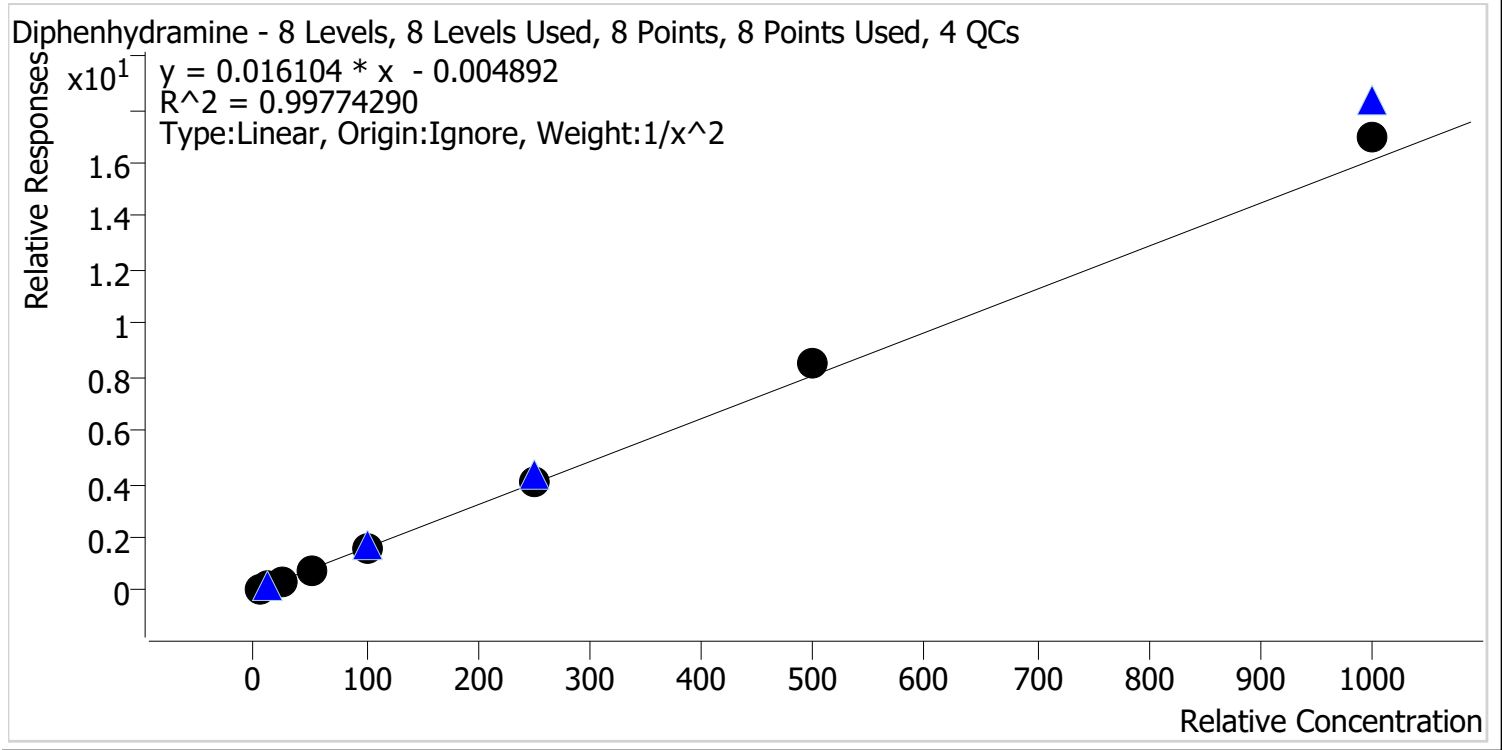
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



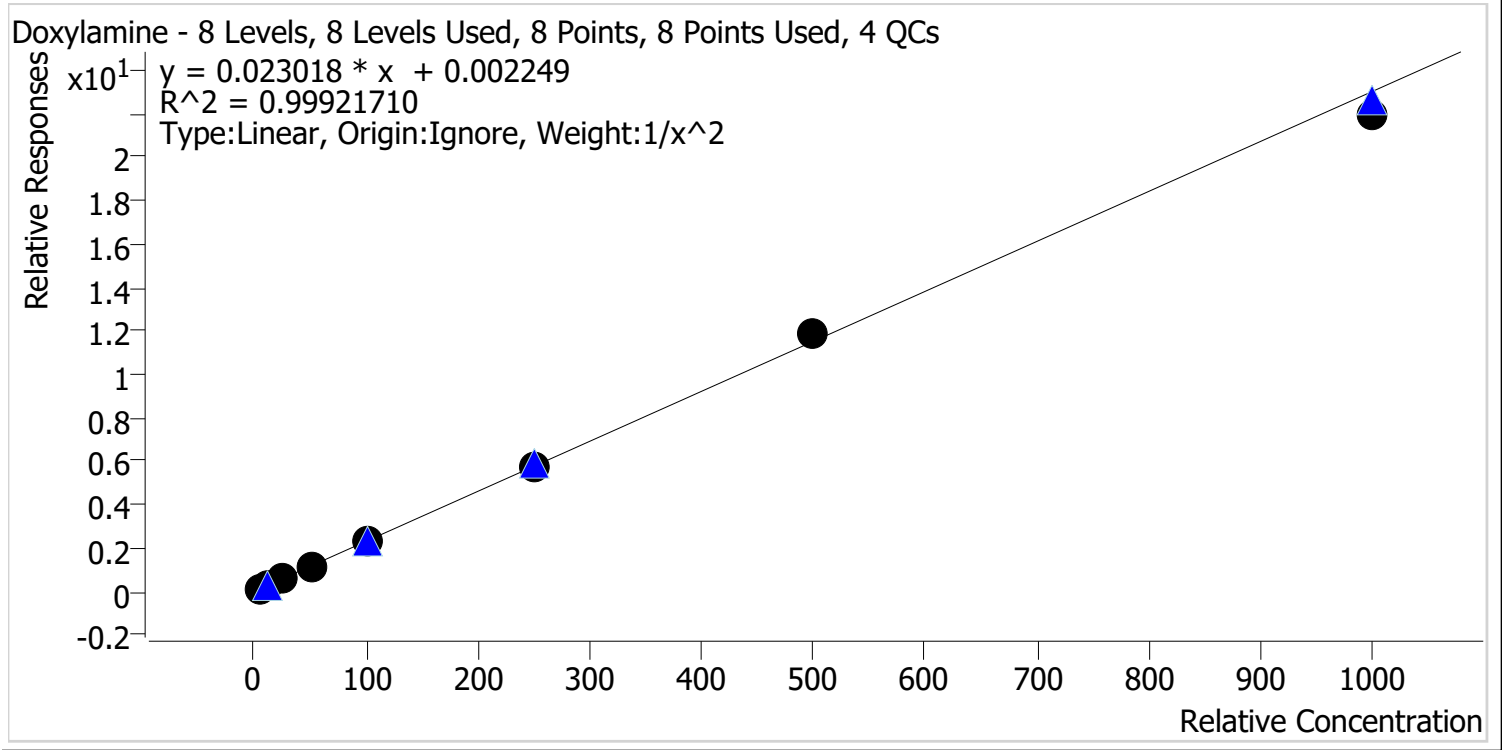
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	527.1	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1054.5	105.4

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



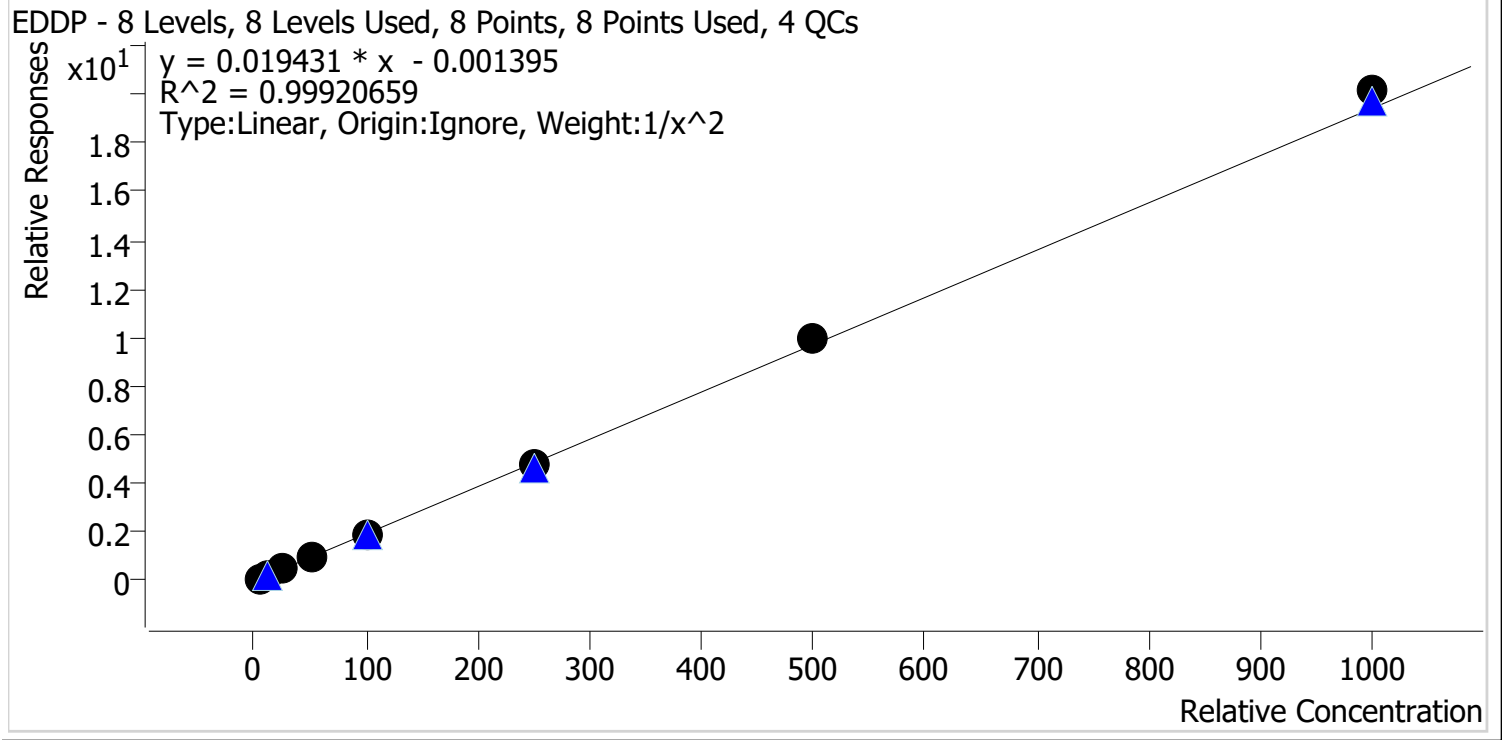
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	949.7	95.0

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	514.1	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1037.5	103.8

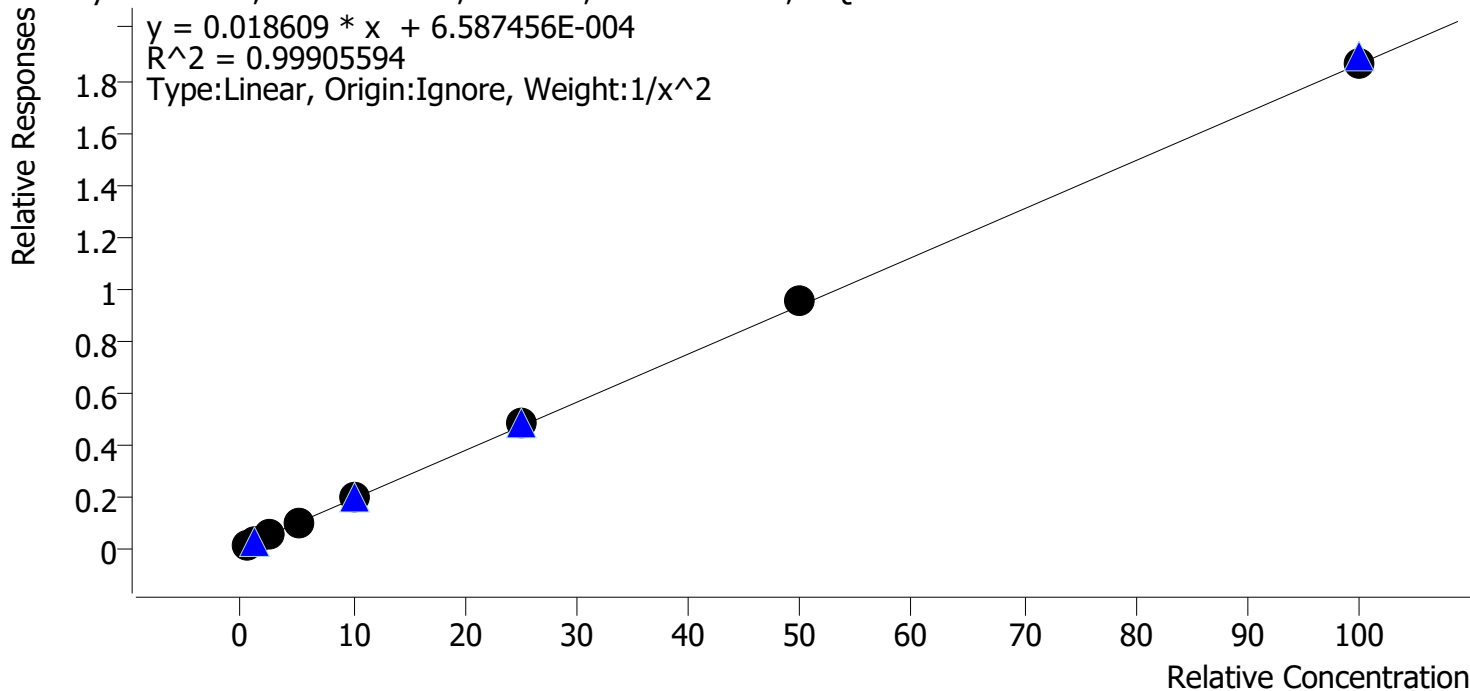
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	101.6
p1 Cal 2-10ng	2	✓	1.0	1.0	98.9
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.0
p1 Cal 4-50ng	4	✓	5.0	4.9	97.9
p1 Cal 5-100ng	5	✓	10.0	10.3	102.5
p1 Cal 6-250ng	6	✓	25.0	25.7	102.9
p1 Cal 7-500ng	7	✓	50.0	50.7	101.4
p1 Cal 8-1000ng	8	✓	100.0	99.9	99.9

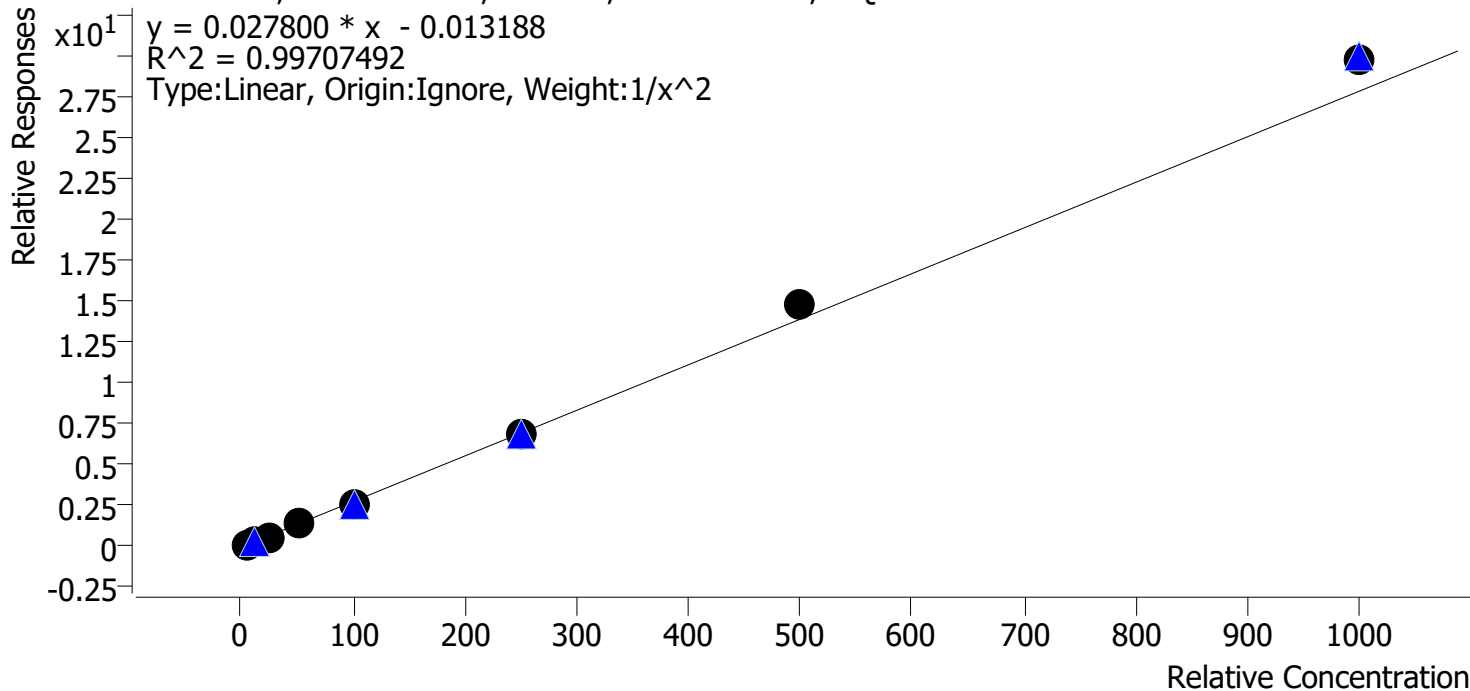
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



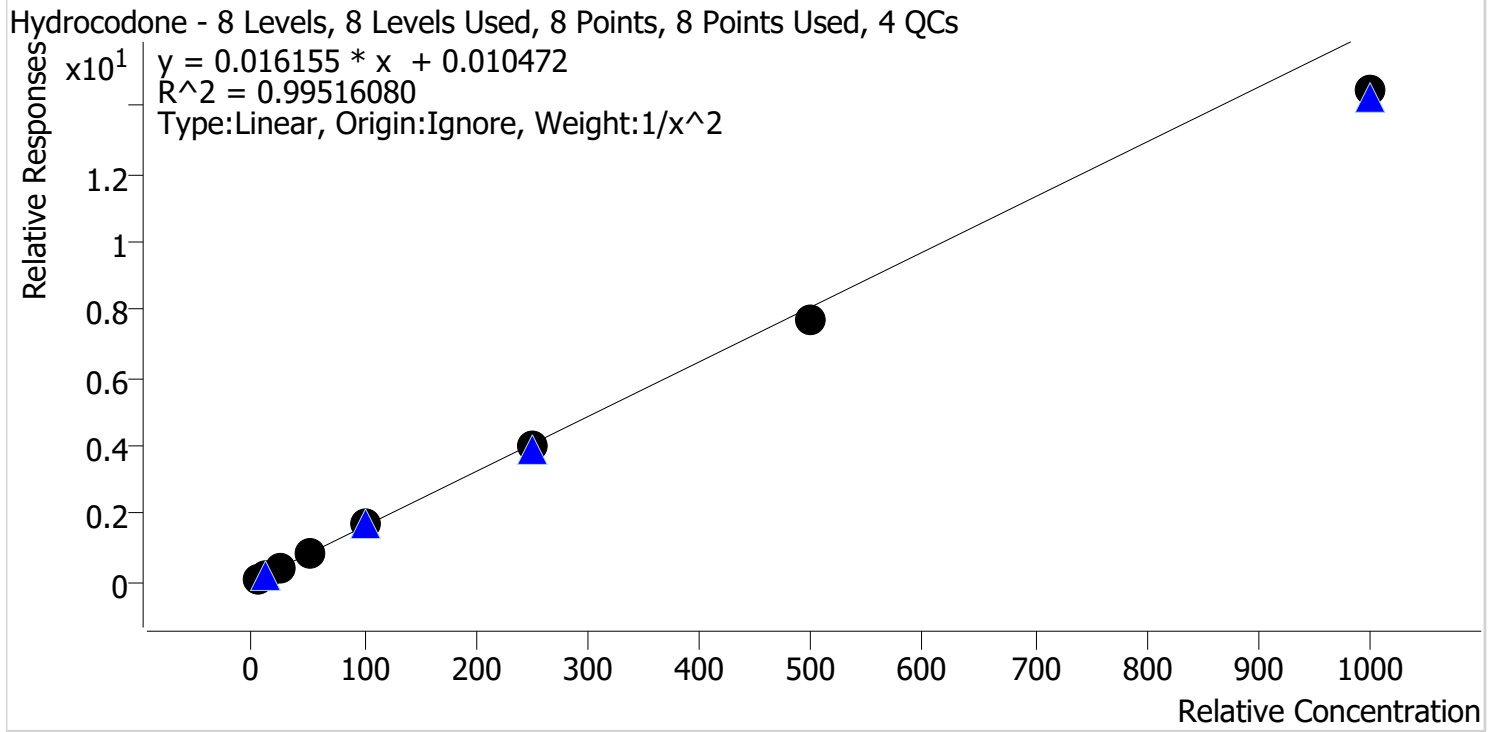
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	95.6	95.6
p1 Cal 6-250ng	6	✓	250.0	248.0	99.2
p1 Cal 7-500ng	7	✓	500.0	530.3	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1067.0	106.7

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



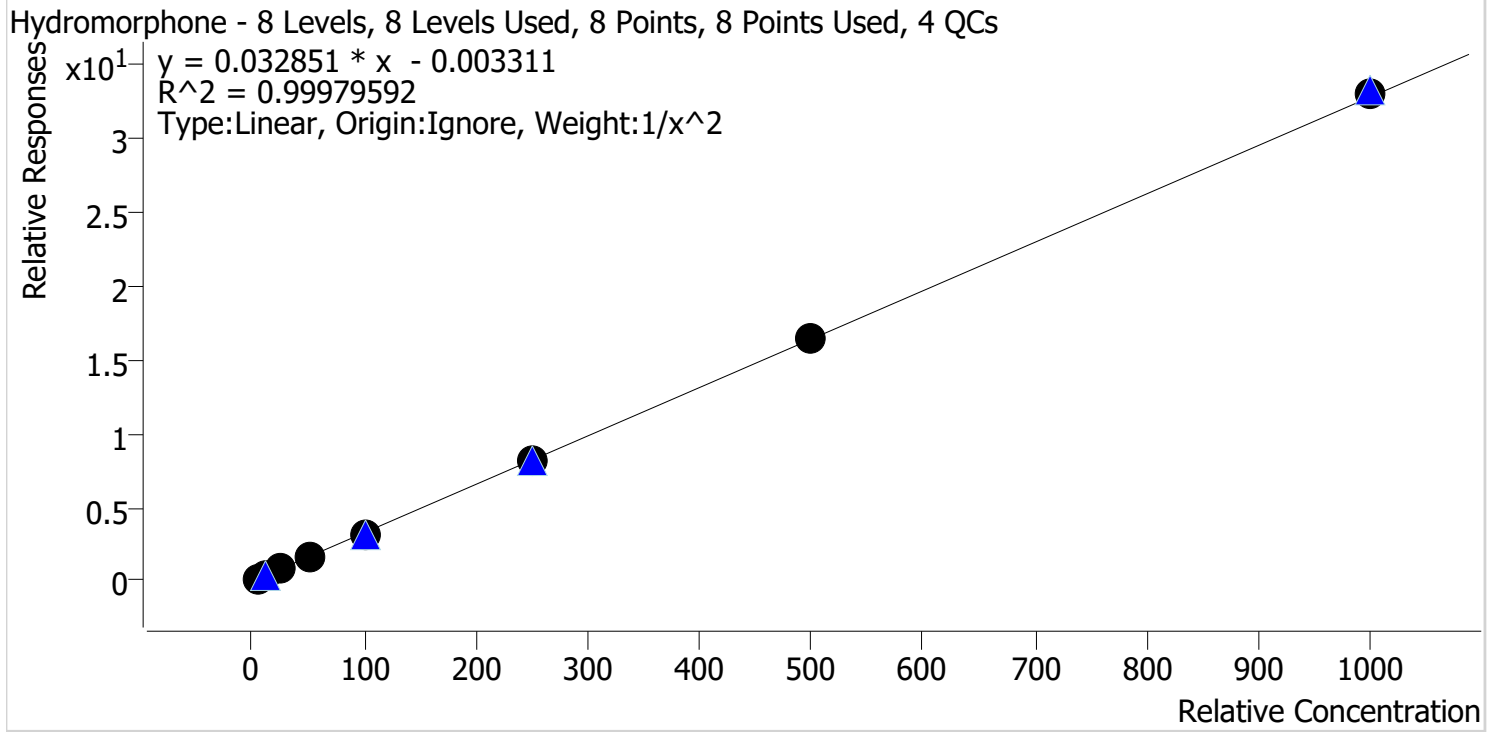
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	103.9	103.9
p1 Cal 6-250ng	6	✓	250.0	248.4	99.3
p1 Cal 7-500ng	7	✓	500.0	475.4	95.1
p1 Cal 8-1000ng	8	✓	1000.0	893.8	89.4

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

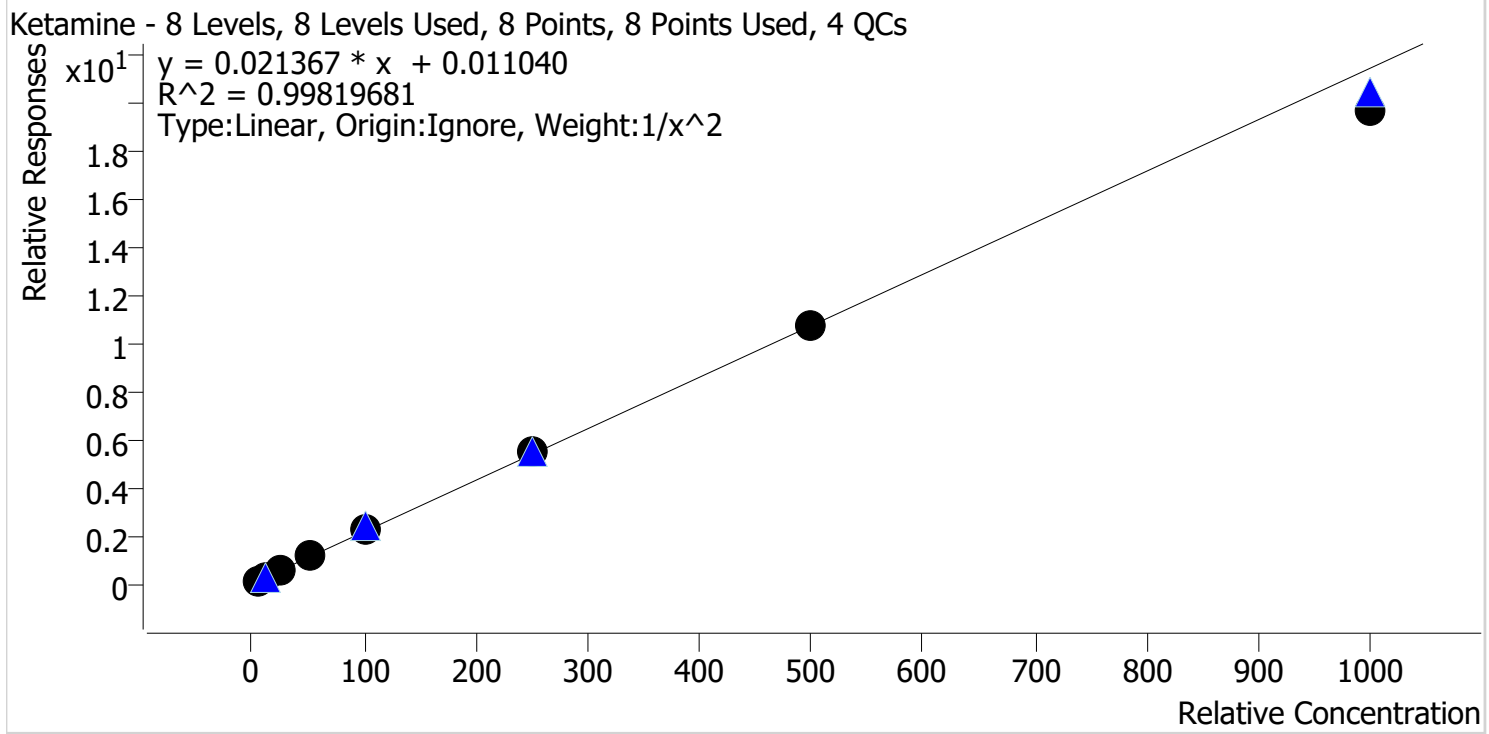


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	502.4	100.5
p1 Cal 8-1000ng	8	✓	1000.0	1010.6	101.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



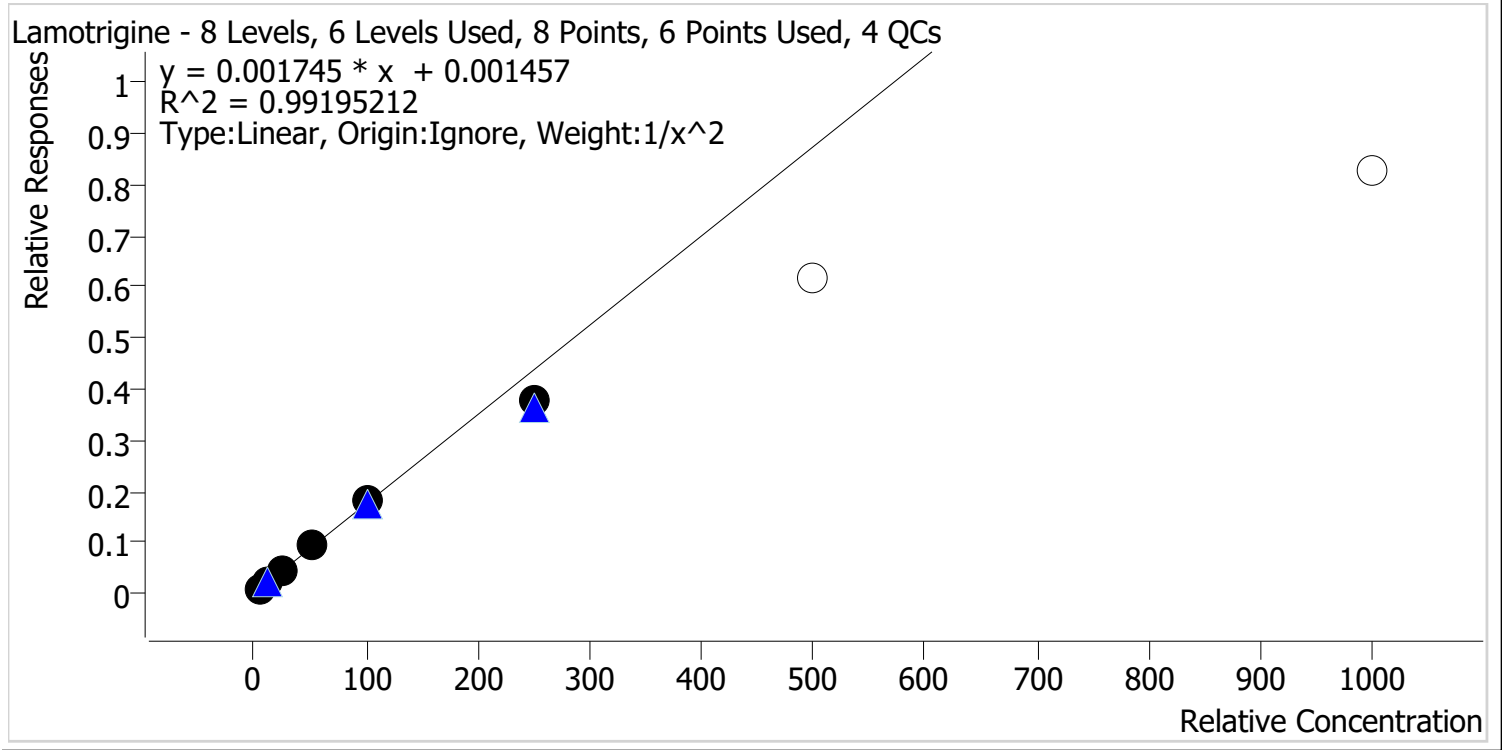
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	498.0	99.6
p1 Cal 8-1000ng	8	✓	1000.0	916.4	91.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng	4	✓	50.0	52.4	104.8
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	216.9	86.7
p1 Cal 7-500ng	7	x	500.0	353.7	70.7
p1 Cal 8-1000ng	8	x	1000.0	472.7	47.3

Calibrators 7 and 8 dropped due to accuracy.

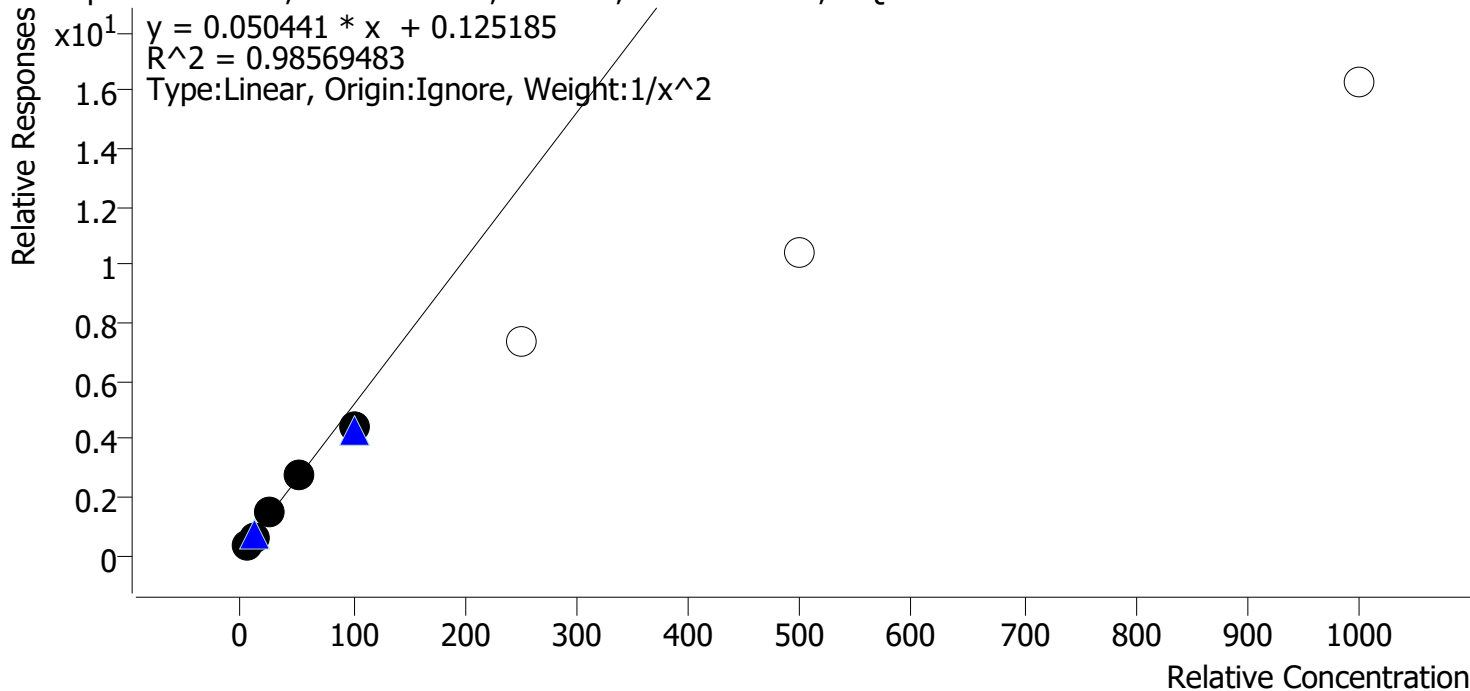
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4

Lorazepam - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 4 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	85.6	85.6
p1 Cal 6-250ng	6	✗	250.0	144.4	57.8
p1 Cal 7-500ng	7	✗	500.0	204.9	41.0
p1 Cal 8-1000ng	8	✗	1000.0	321.7	32.2

Calibrators 6, 7, and 8 dropped due to accuracy.

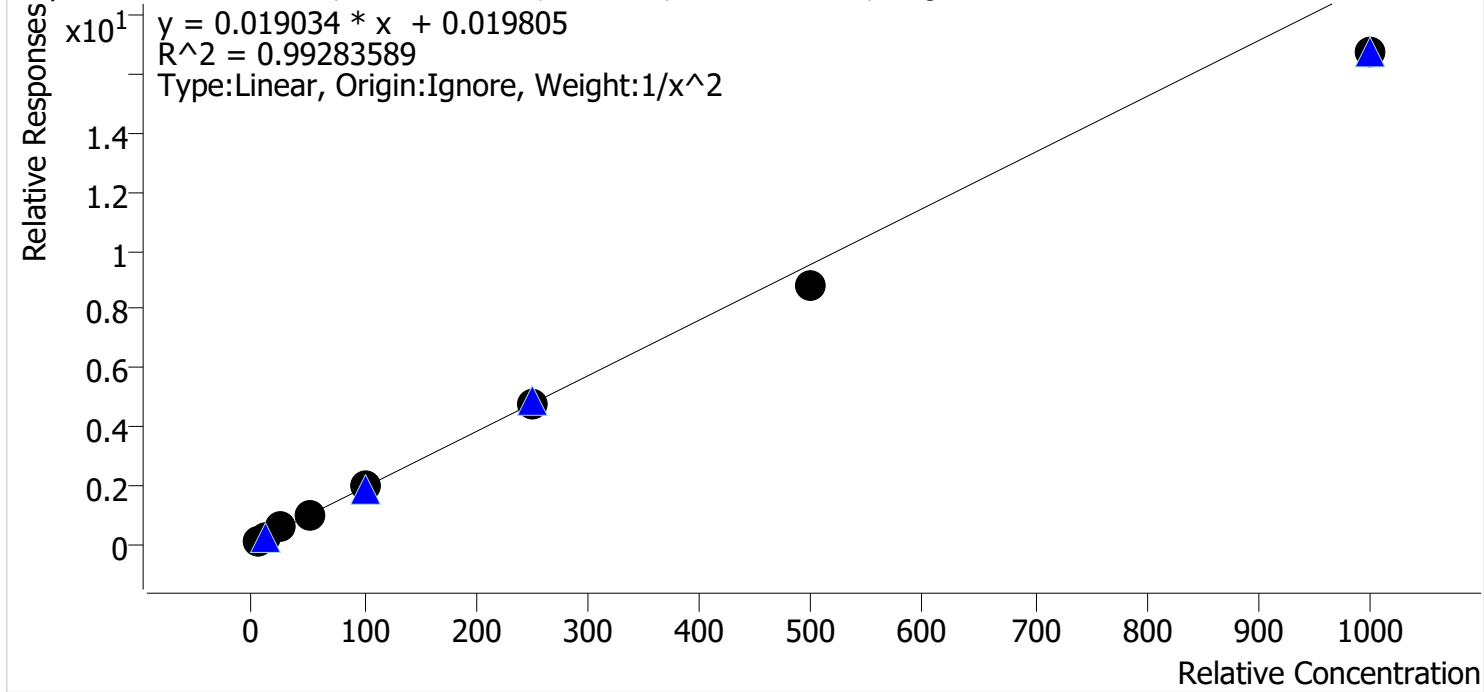
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

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



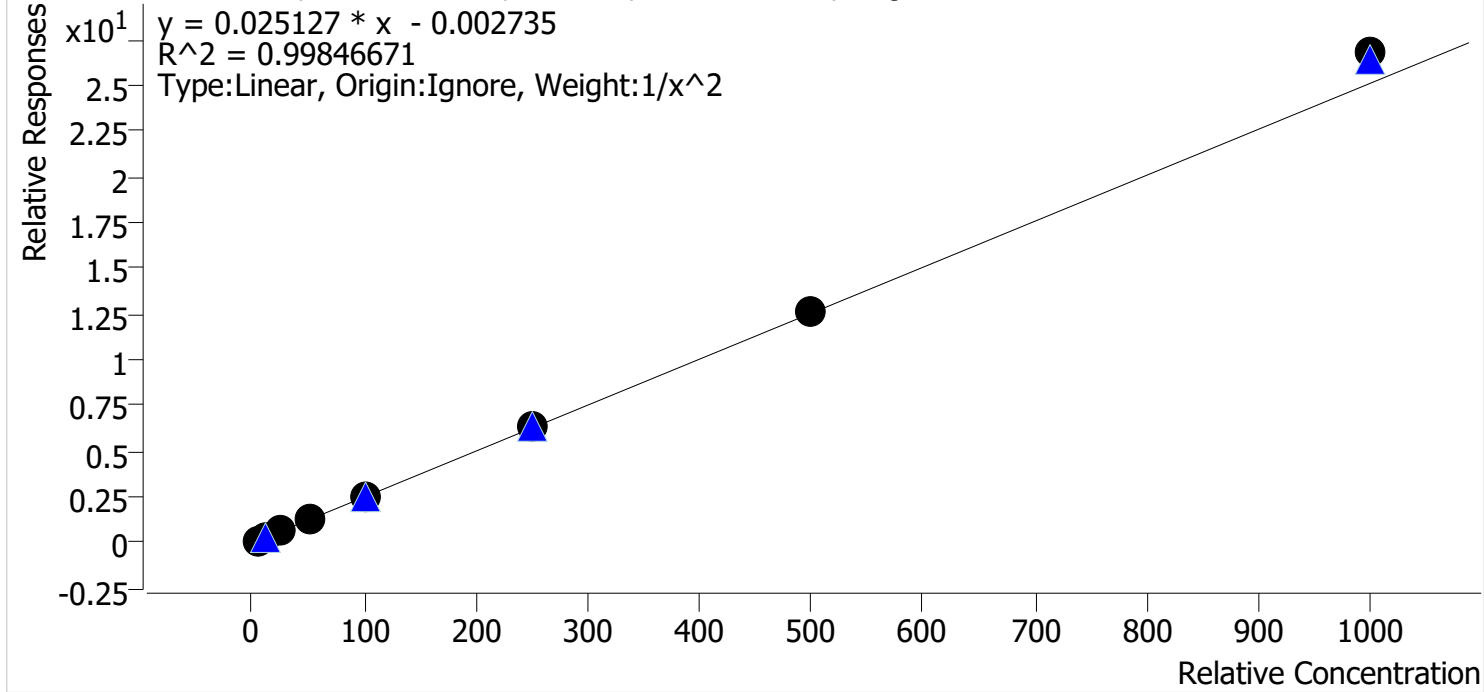
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	464.9	93.0
p1 Cal 8-1000ng	8	✓	1000.0	878.3	87.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



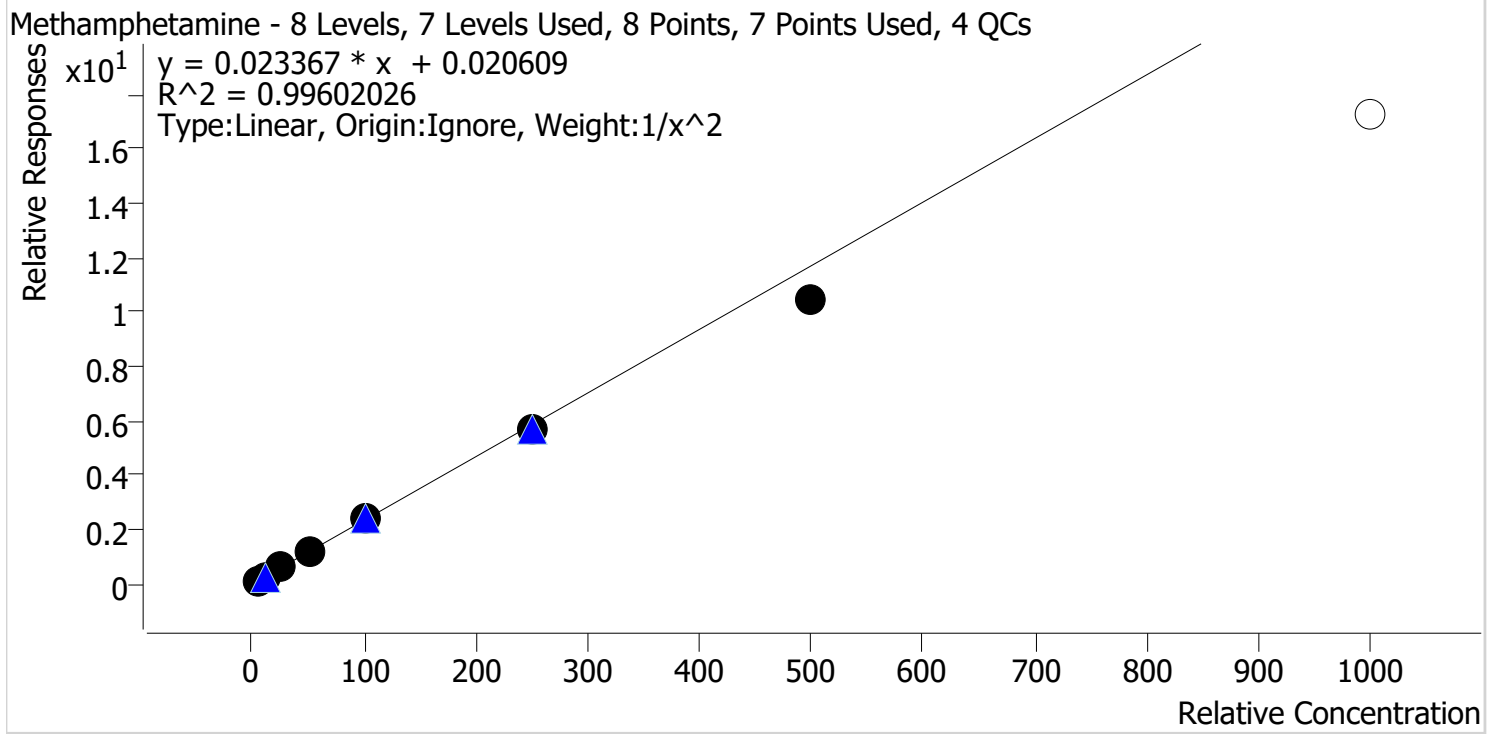
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.4	96.9
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1066.9	106.7

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	98.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	245.0	98.0
p1 Cal 7-500ng	7	✓	500.0	449.5	89.9
p1 Cal 8-1000ng	8	✗	1000.0	740.0	74.0

Calibrator 8 dropped due to accuracy.

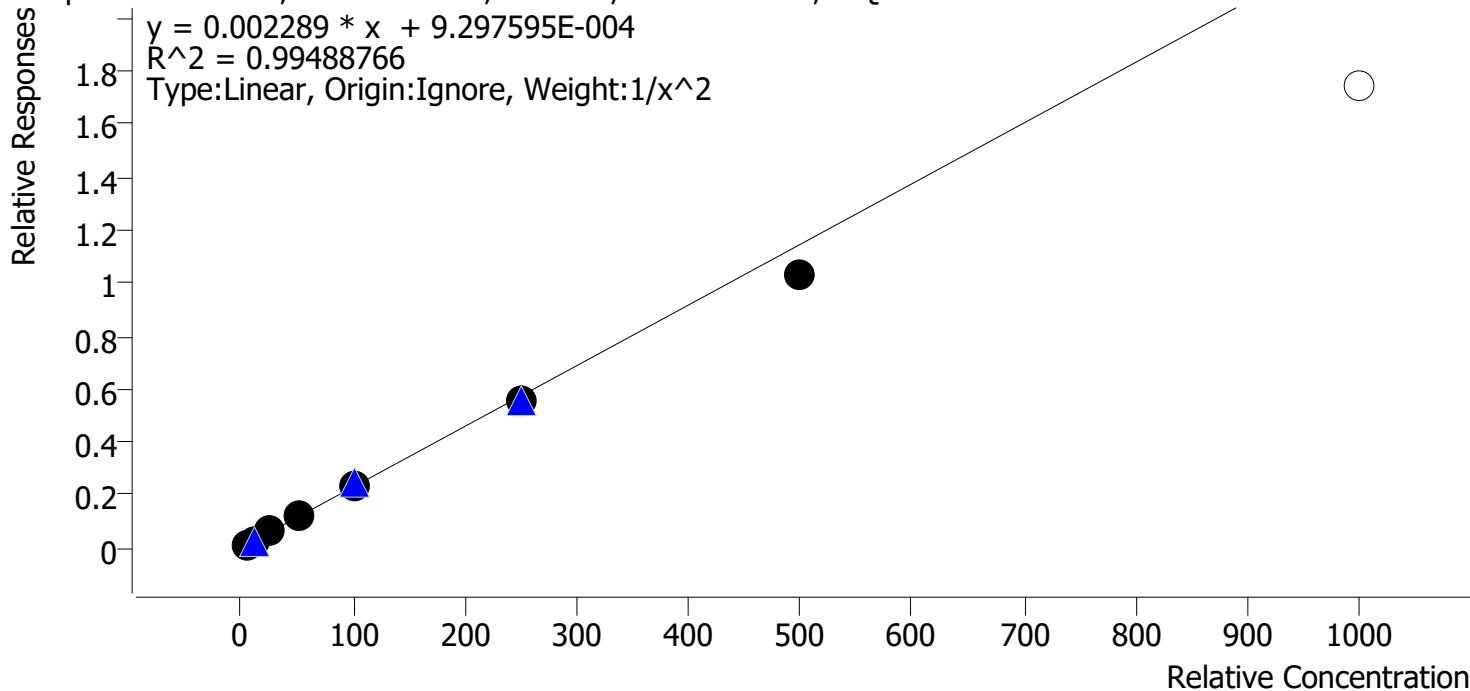
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.6
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	240.6	96.2
p1 Cal 7-500ng	7	✓	500.0	448.7	89.7
p1 Cal 8-1000ng	8	✗	1000.0	760.1	76.0

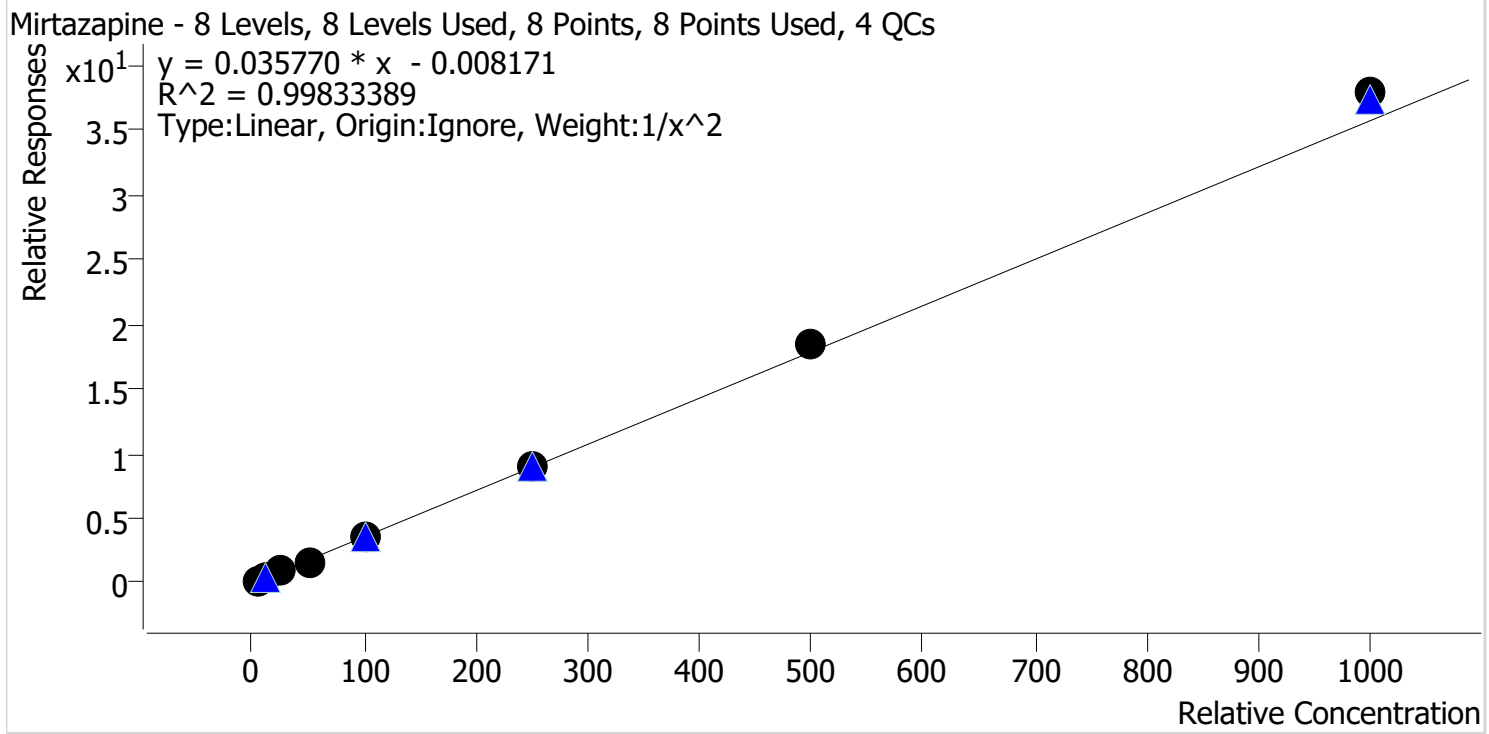
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8



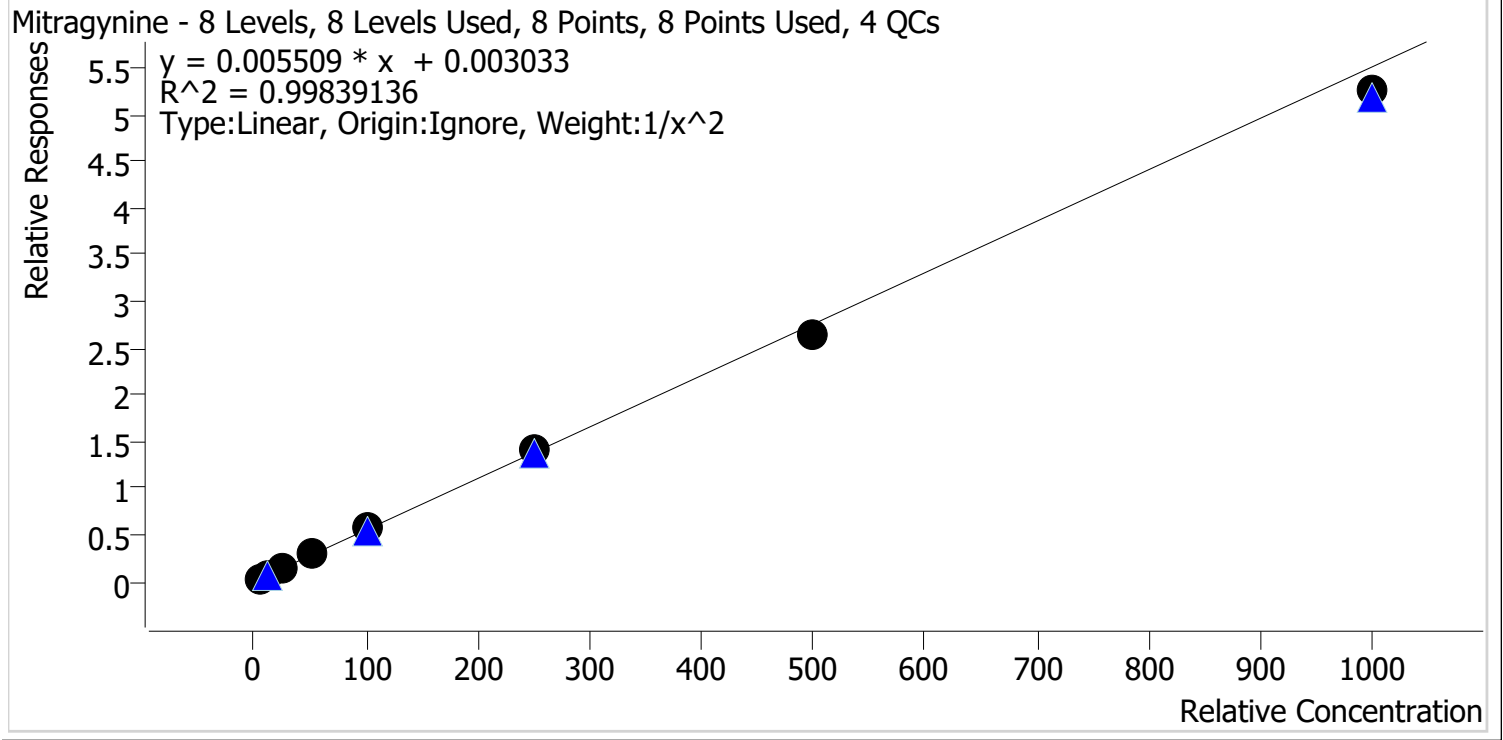
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	514.5	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1060.8	106.1

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



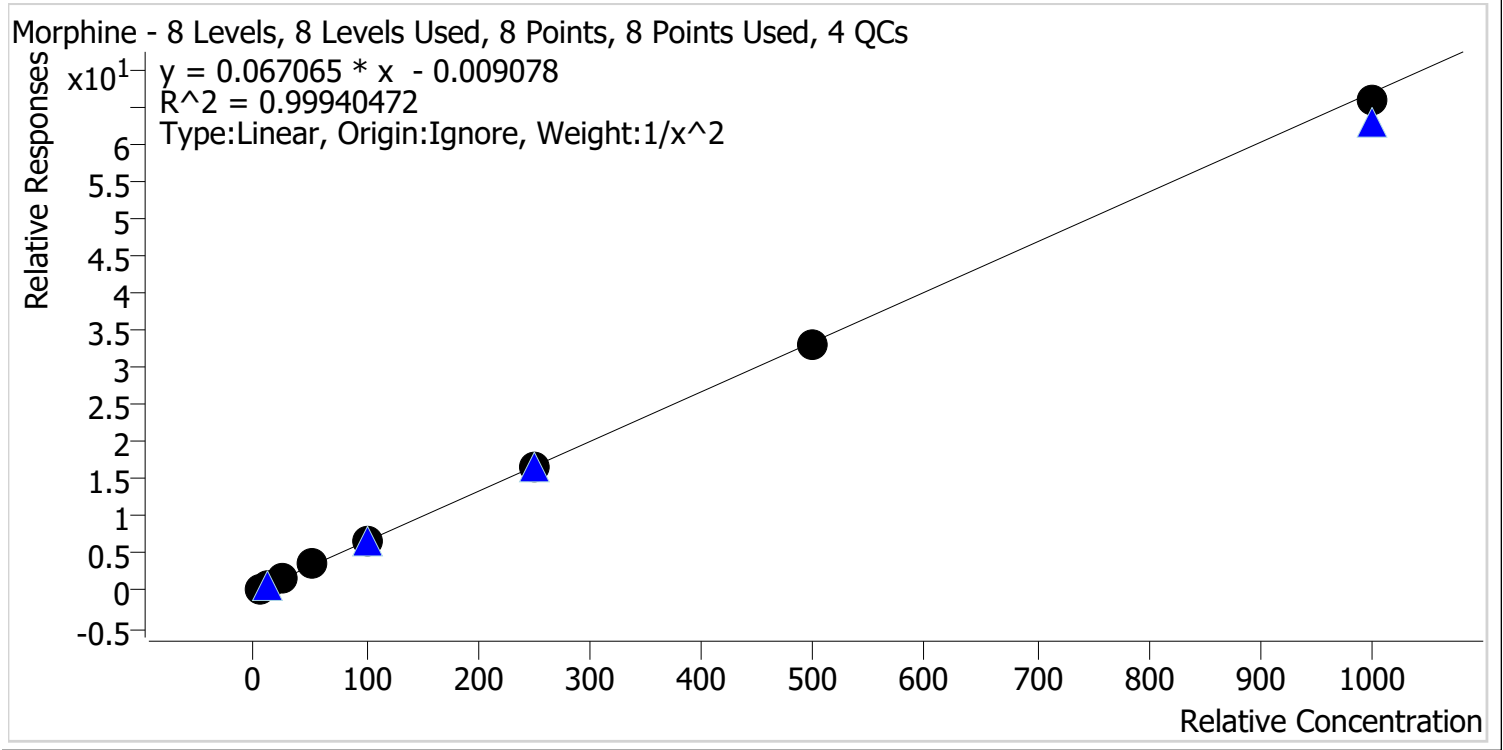
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	51.3	102.5
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	480.8	96.2
p1 Cal 8-1000ng	8	✓	1000.0	953.9	95.4

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



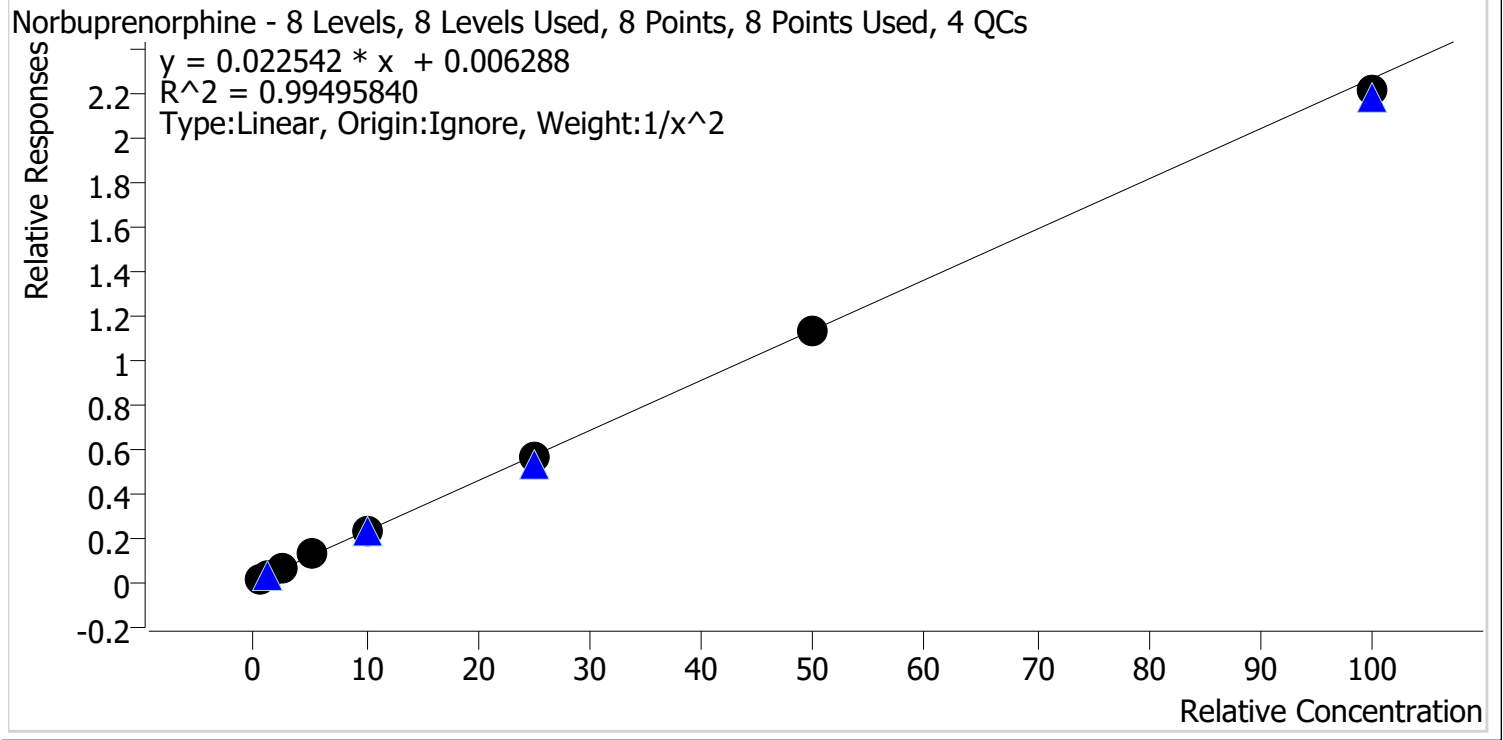
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	249.6	99.9
p1 Cal 7-500ng	7	✓	500.0	494.1	98.8
p1 Cal 8-1000ng	8	✓	1000.0	983.7	98.4

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



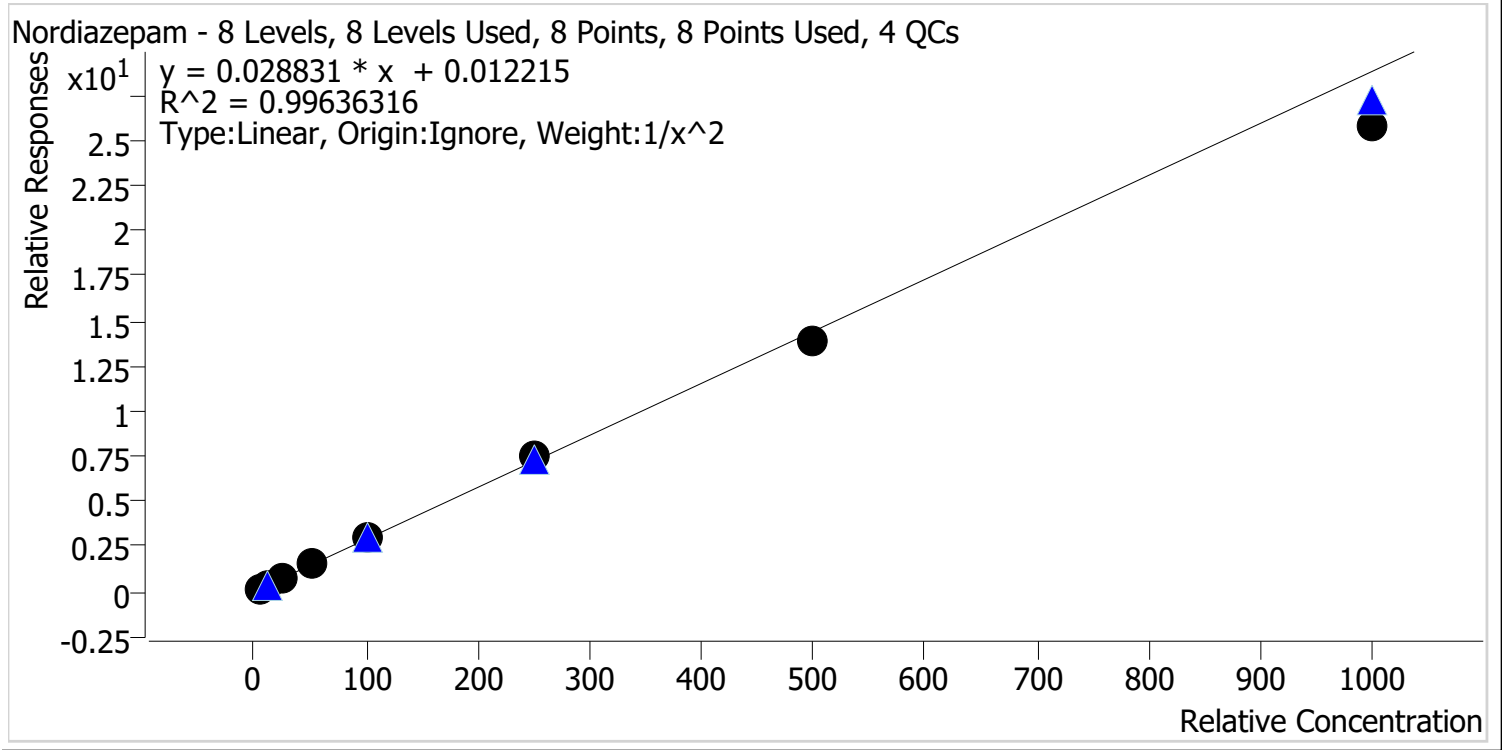
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.1
p1 Cal 2-10ng	2	✓	1.0	0.9	86.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	105.2
p1 Cal 4-50ng	4	✓	5.0	5.3	105.1
p1 Cal 5-100ng	5	✓	10.0	10.1	101.4
p1 Cal 6-250ng	6	✓	25.0	24.8	99.2
p1 Cal 7-500ng	7	✓	50.0	49.9	99.9
p1 Cal 8-1000ng	8	✓	100.0	97.6	97.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



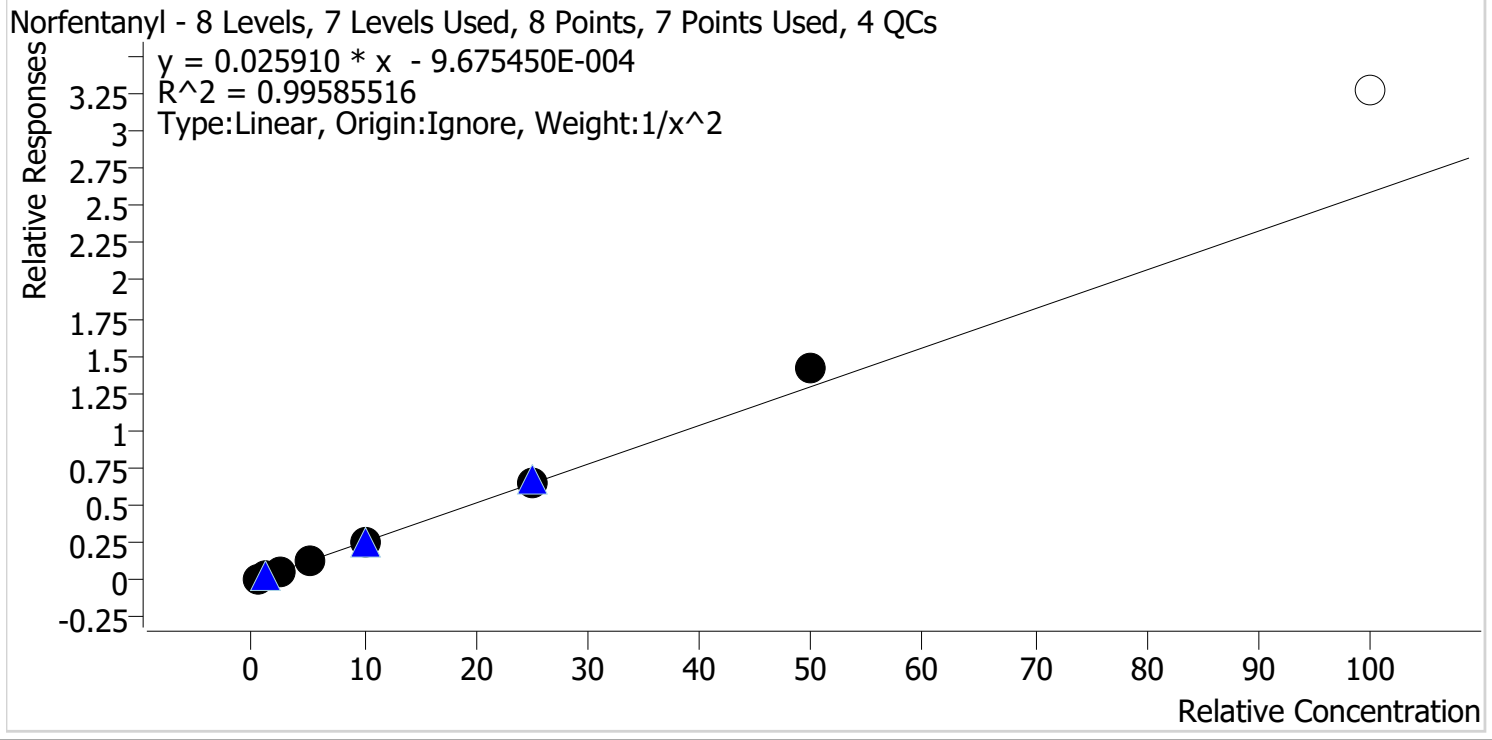
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	51.8	103.7
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
p1 Cal 7-500ng	7	✓	500.0	483.8	96.8
p1 Cal 8-1000ng	8	✓	1000.0	892.1	89.2

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	102.3
p1 Cal 2-10ng	2	✓	1.0	1.0	98.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	95.7
p1 Cal 4-50ng	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng	5	✓	10.0	9.7	97.1
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	55.2	110.4
p1 Cal 8-1000ng	8	✗	100.0	126.2	126.2

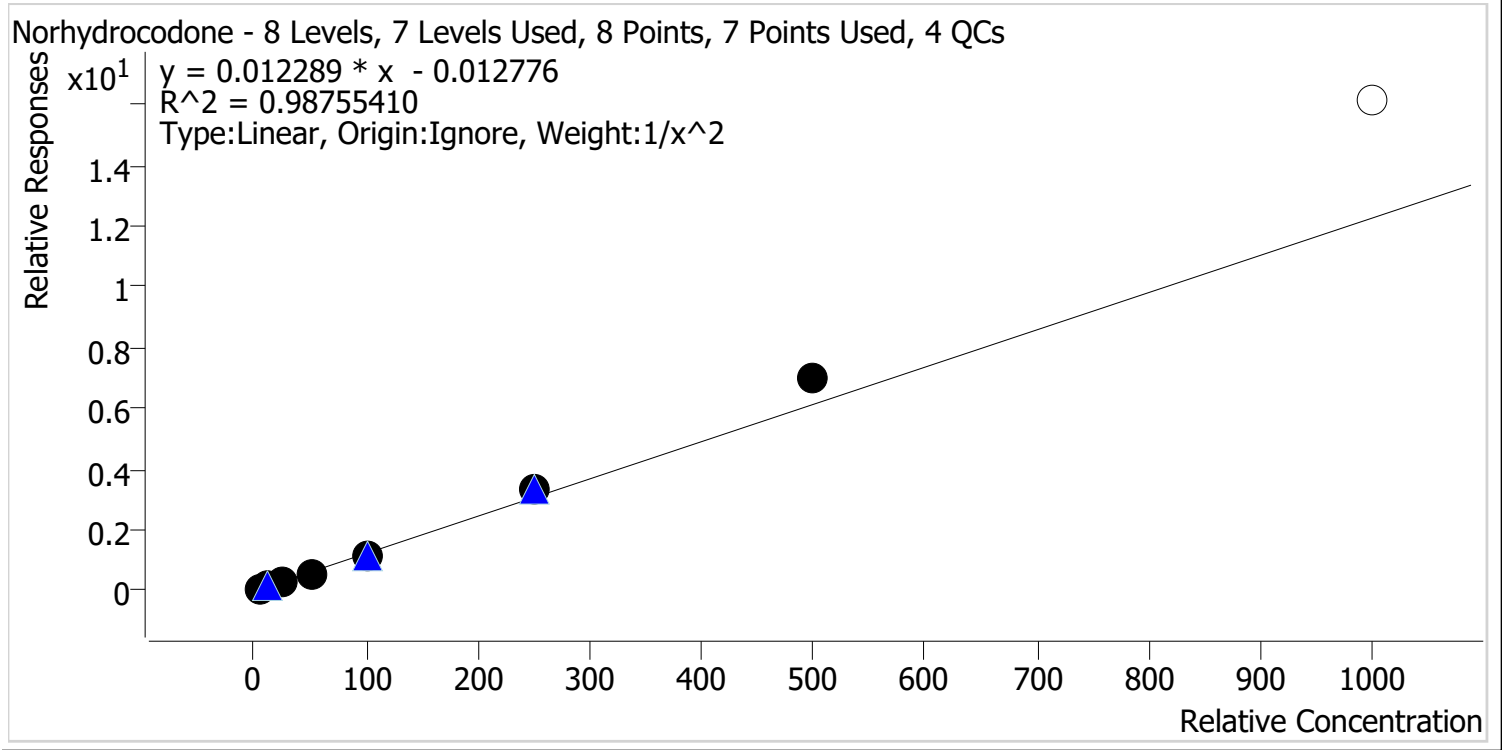
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	107.0
p1 Cal 2-10ng	2	✓	10.0	9.1	90.9
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.1
p1 Cal 4-50ng	4	✓	50.0	46.0	92.1
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	270.6	108.3
p1 Cal 7-500ng	7	✓	500.0	568.8	113.8
p1 Cal 8-1000ng	8	x	1000.0	1315.3	131.5

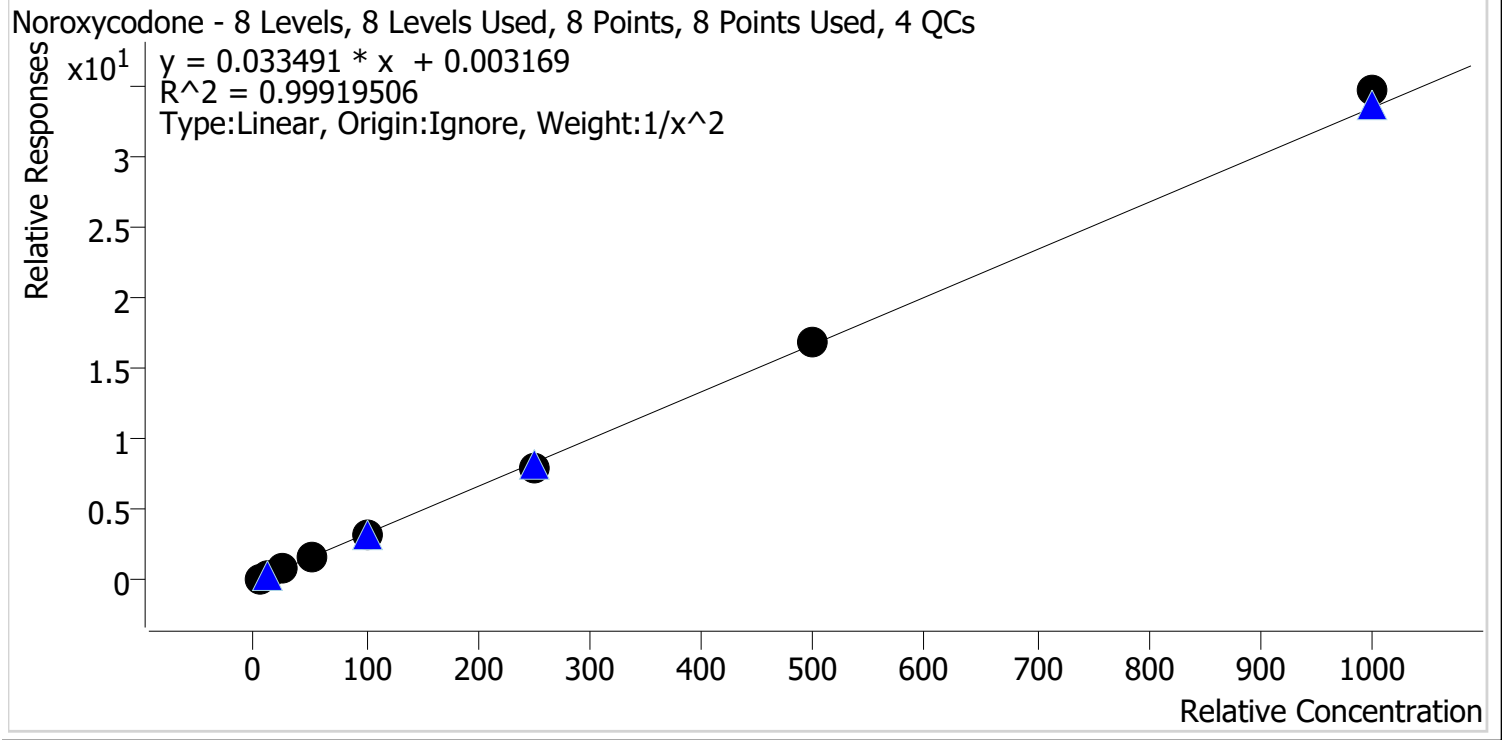
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



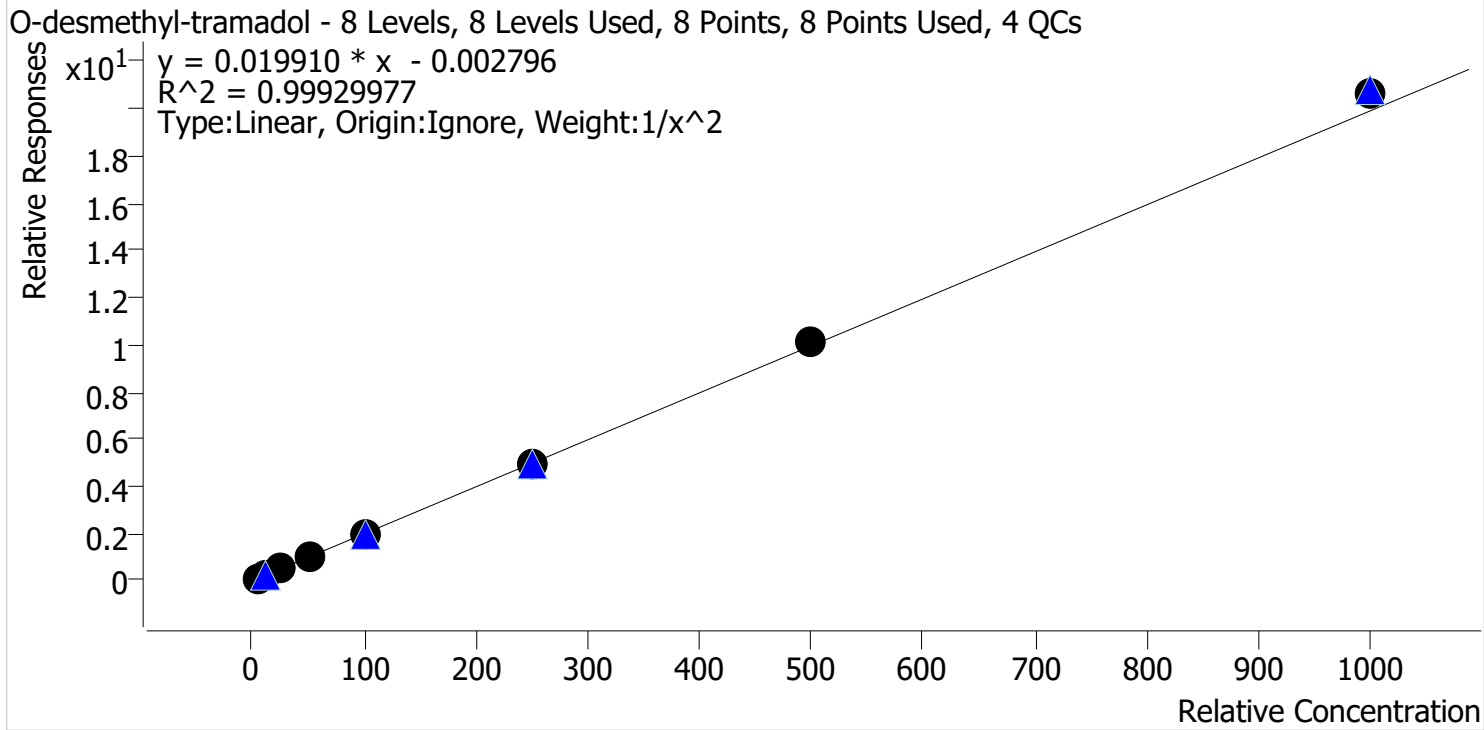
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	241.9	96.8
p1 Cal 7-500ng	7	✓	500.0	504.5	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1036.1	103.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	251.4	100.5
p1 Cal 7-500ng	7	✓	500.0	510.1	102.0
p1 Cal 8-1000ng	8	✓	1000.0	1035.8	103.6

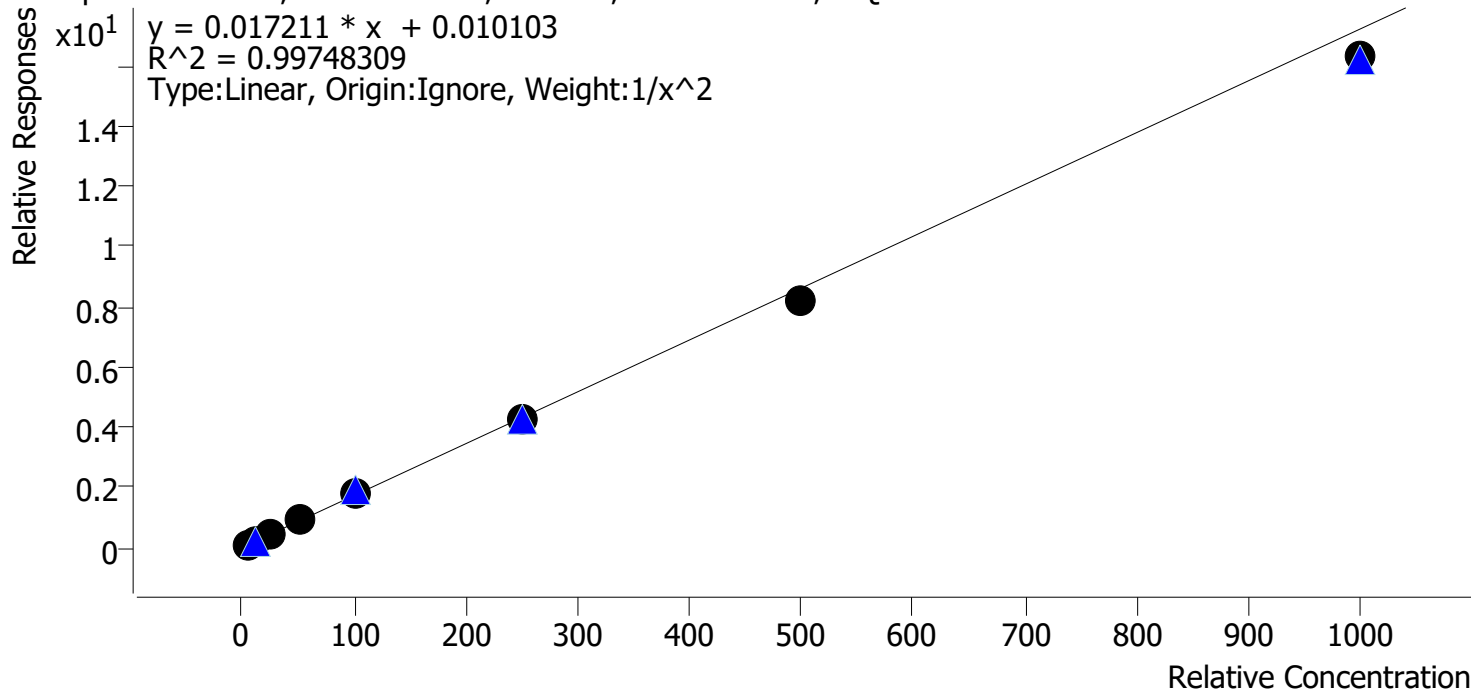
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

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



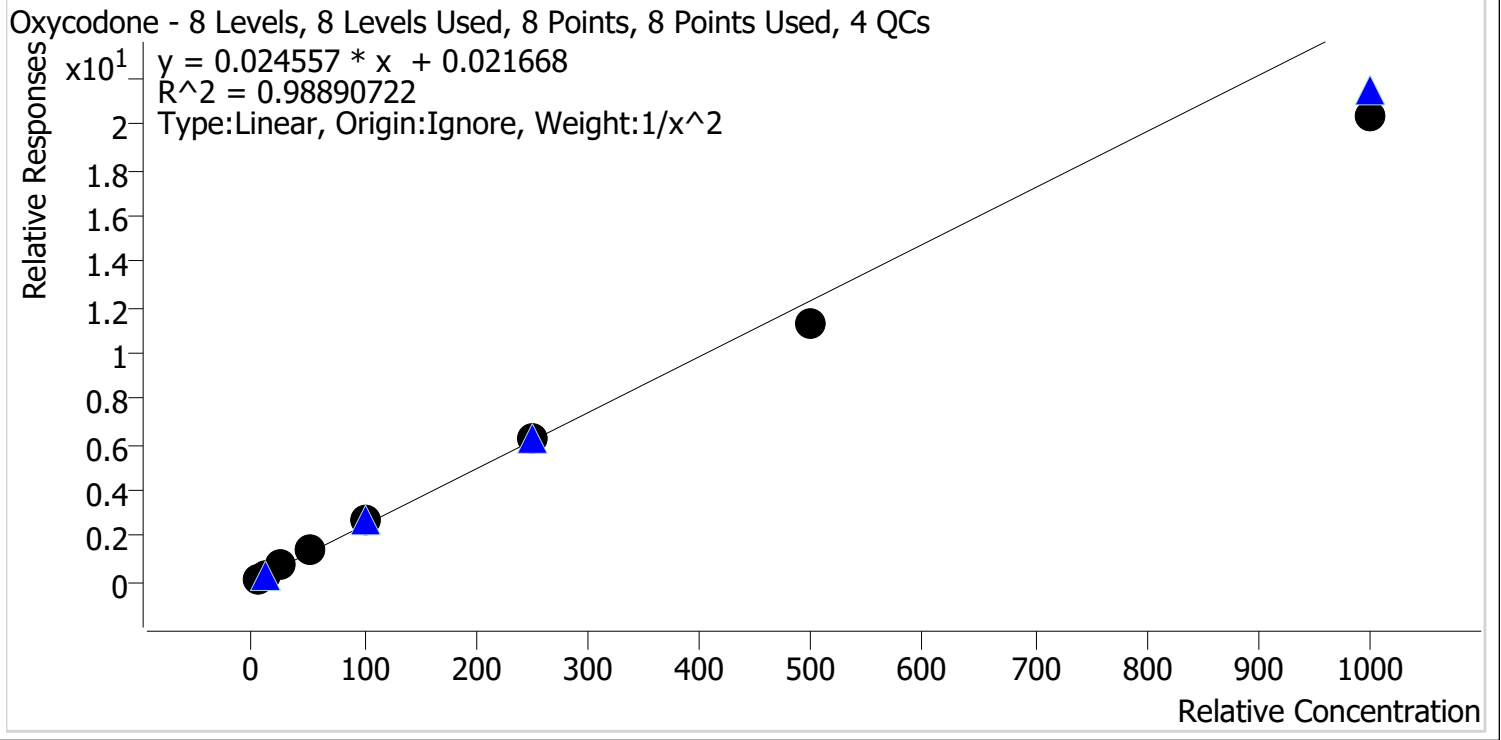
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	52.8	105.6
p1 Cal 5-100ng	5	✓	100.0	103.4	103.4
p1 Cal 6-250ng	6	✓	250.0	244.9	98.0
p1 Cal 7-500ng	7	✓	500.0	473.9	94.8
p1 Cal 8-1000ng	8	✓	1000.0	946.7	94.7

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



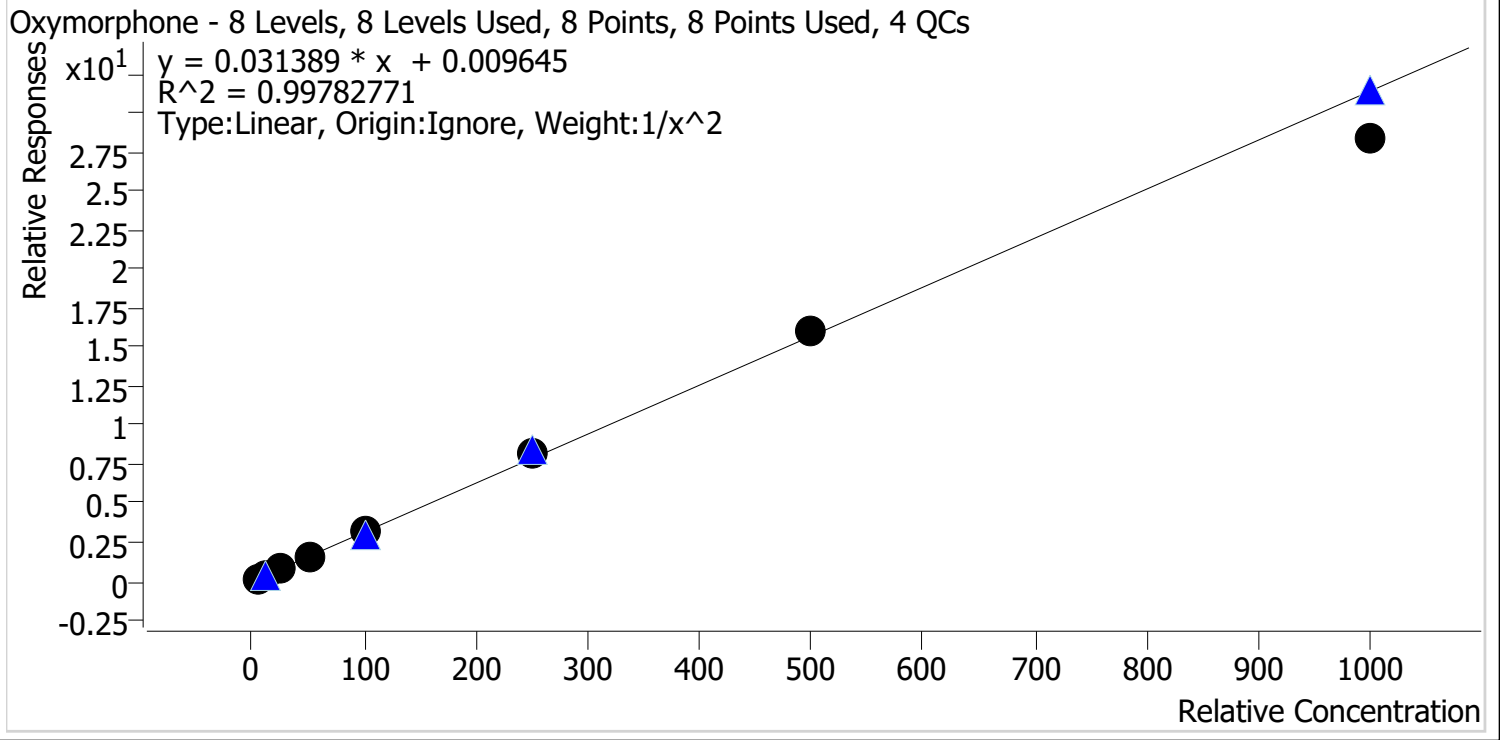
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
p1 Cal 4-50ng	4	✓	50.0	54.8	109.6
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	459.6	91.9
p1 Cal 8-1000ng	8	✓	1000.0	831.2	83.1

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



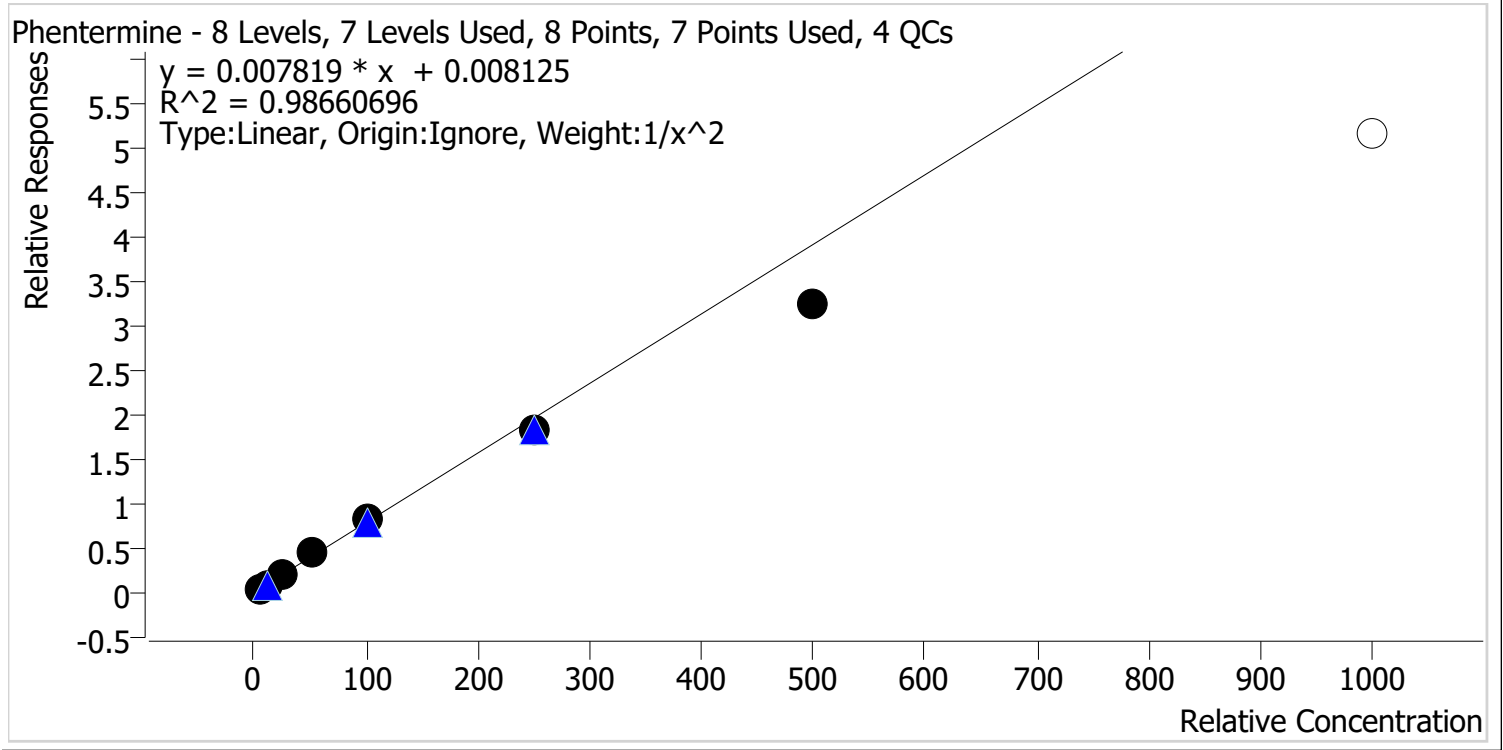
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.3
p1 Cal 2-10ng	2	✓	10.0	10.0	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	49.6	99.1
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	258.0	103.2
p1 Cal 7-500ng	7	✓	500.0	514.0	102.8
p1 Cal 8-1000ng	8	✓	1000.0	907.5	90.8

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.8	109.5
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	233.3	93.3
p1 Cal 7-500ng	7	✓	500.0	413.8	82.8
p1 Cal 8-1000ng	8	x	1000.0	658.3	65.8

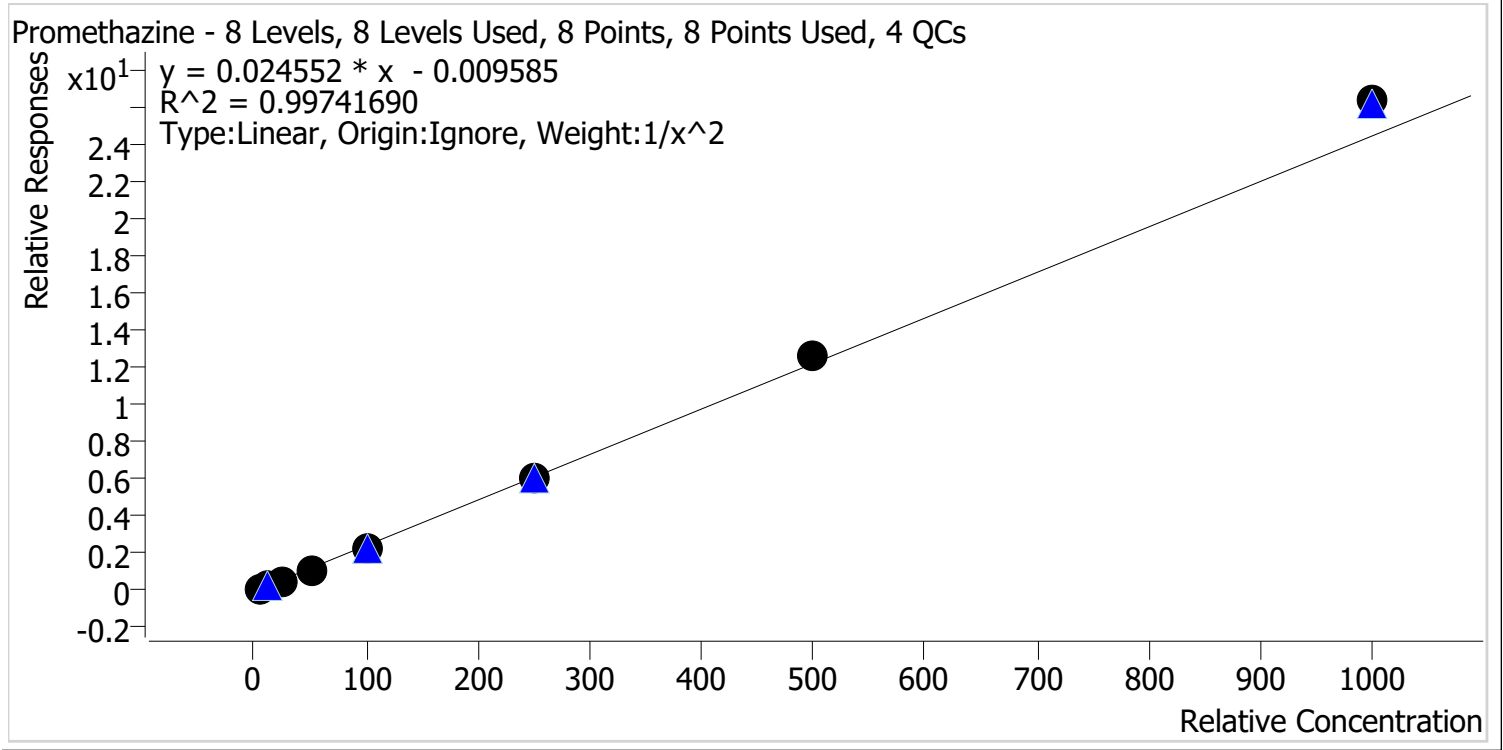
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



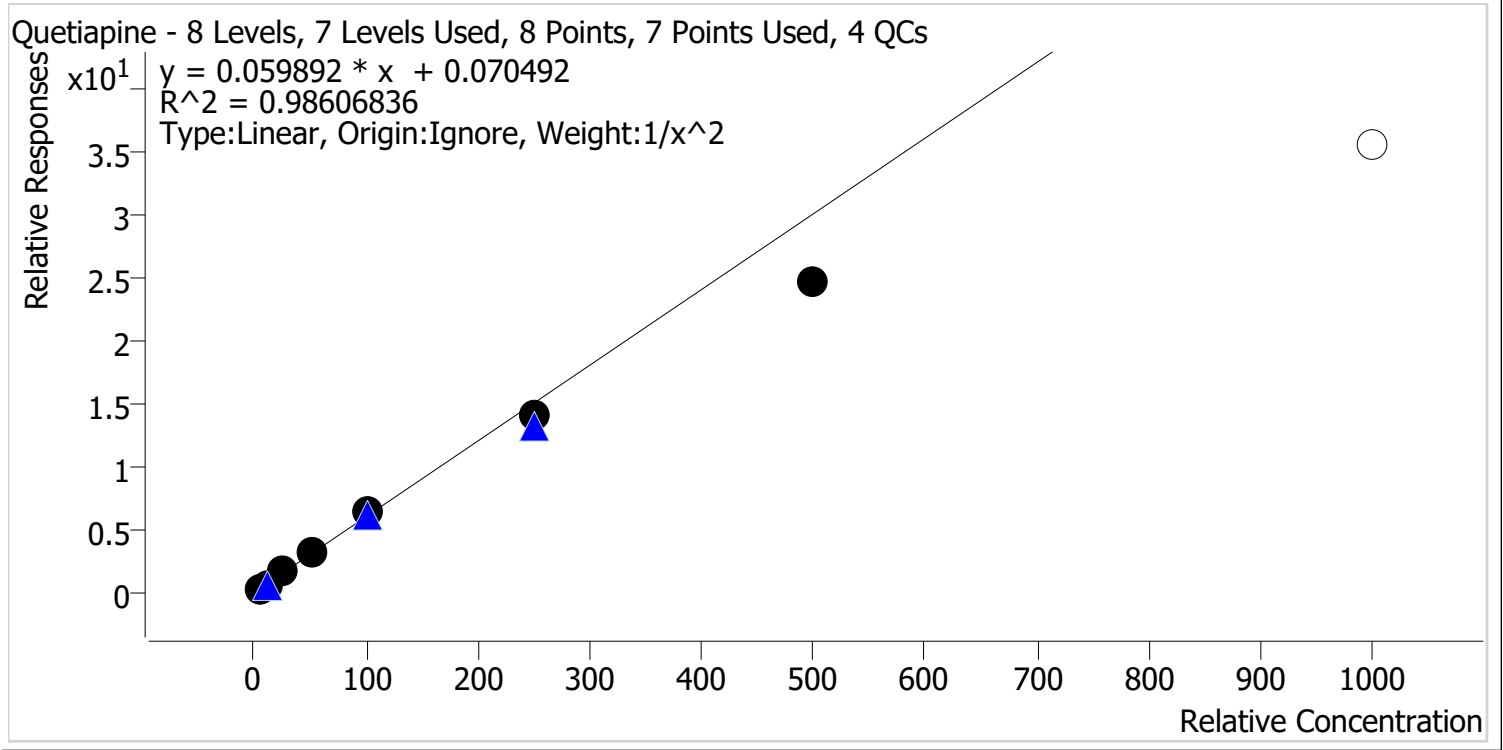
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng	6	✓	250.0	250.7	100.3
p1 Cal 7-500ng	7	✓	500.0	517.2	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1077.7	107.8

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.5	104.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	54.9	109.9
p1 Cal 5-100ng	5	✓	100.0	105.6	105.6
p1 Cal 6-250ng	6	✓	250.0	234.8	93.9
p1 Cal 7-500ng	7	✓	500.0	411.1	82.2
p1 Cal 8-1000ng	8	✗	1000.0	593.1	59.3

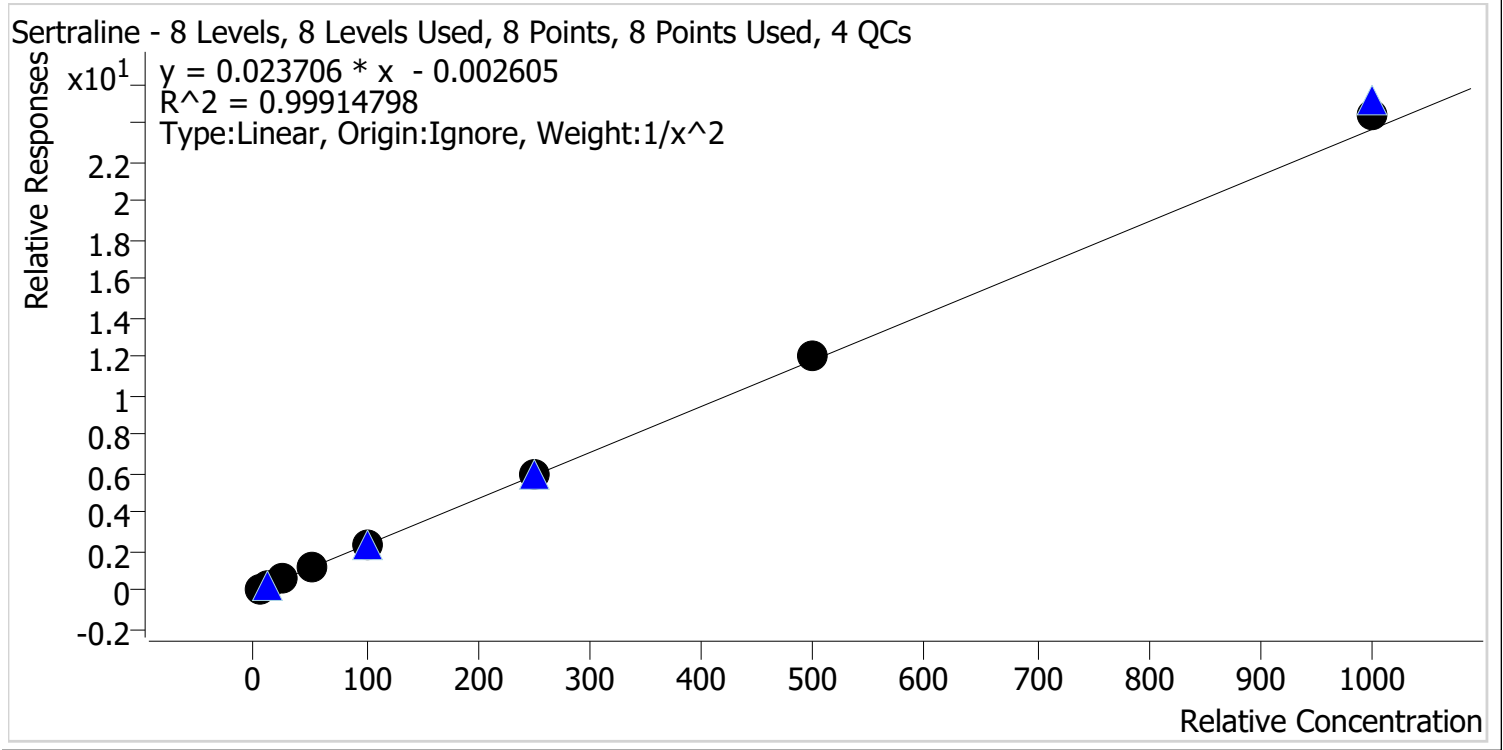
Calibrator 8 dropped due to accuracy.

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



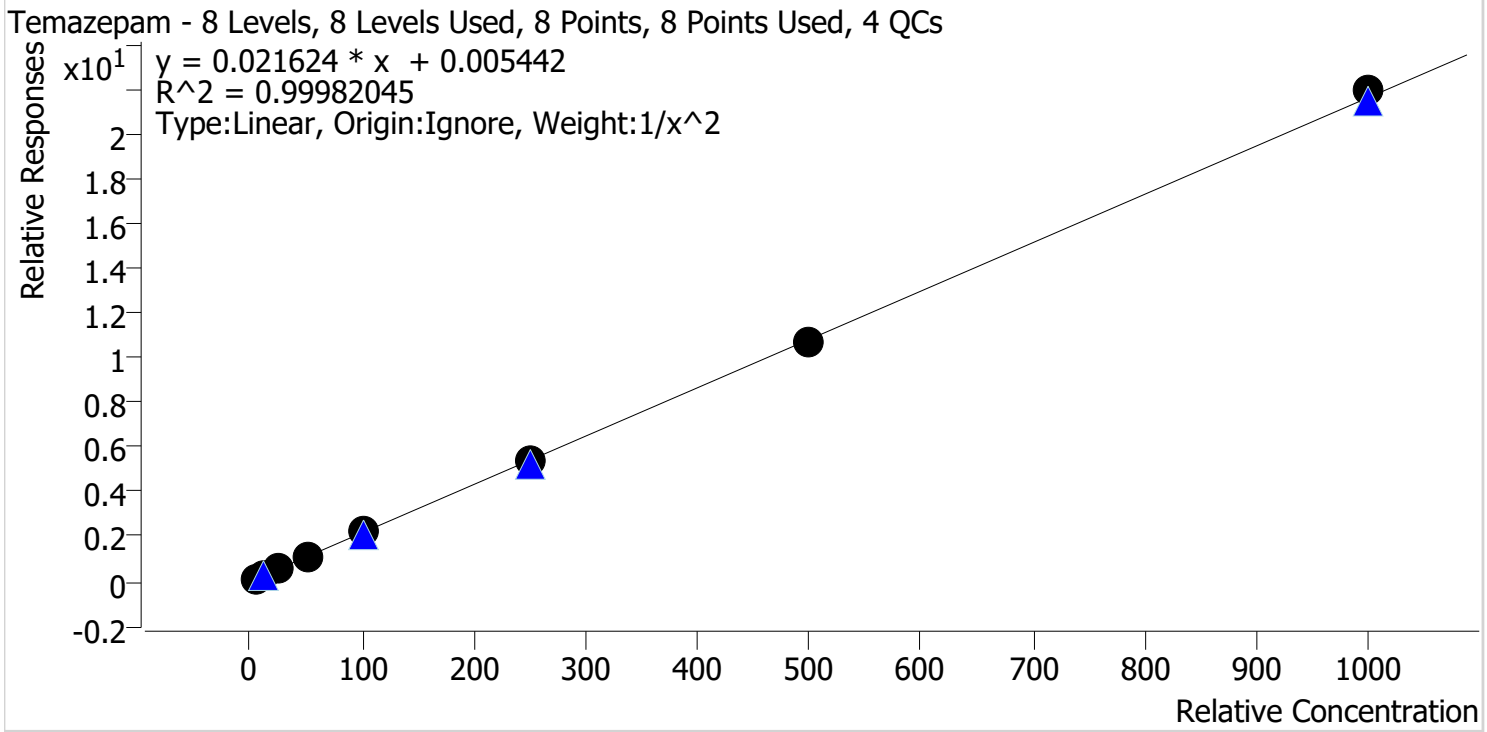
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	511.5	102.3
p1 Cal 8-1000ng	8	✓	1000.0	1031.0	103.1

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



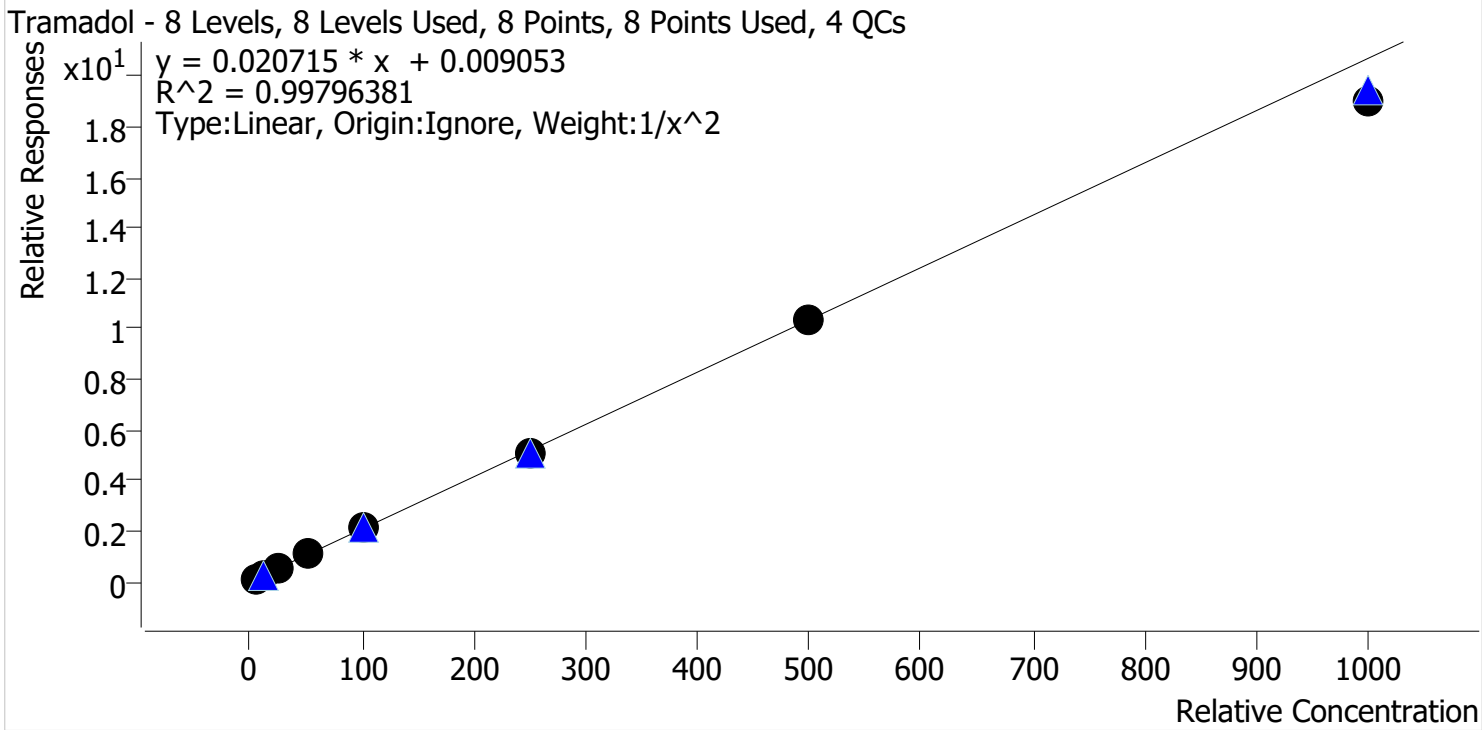
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	248.6	99.4
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	1014.6	101.5

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.8
p1 Cal 4-50ng	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	502.1	100.4
p1 Cal 8-1000ng	8	✓	1000.0	921.5	92.1

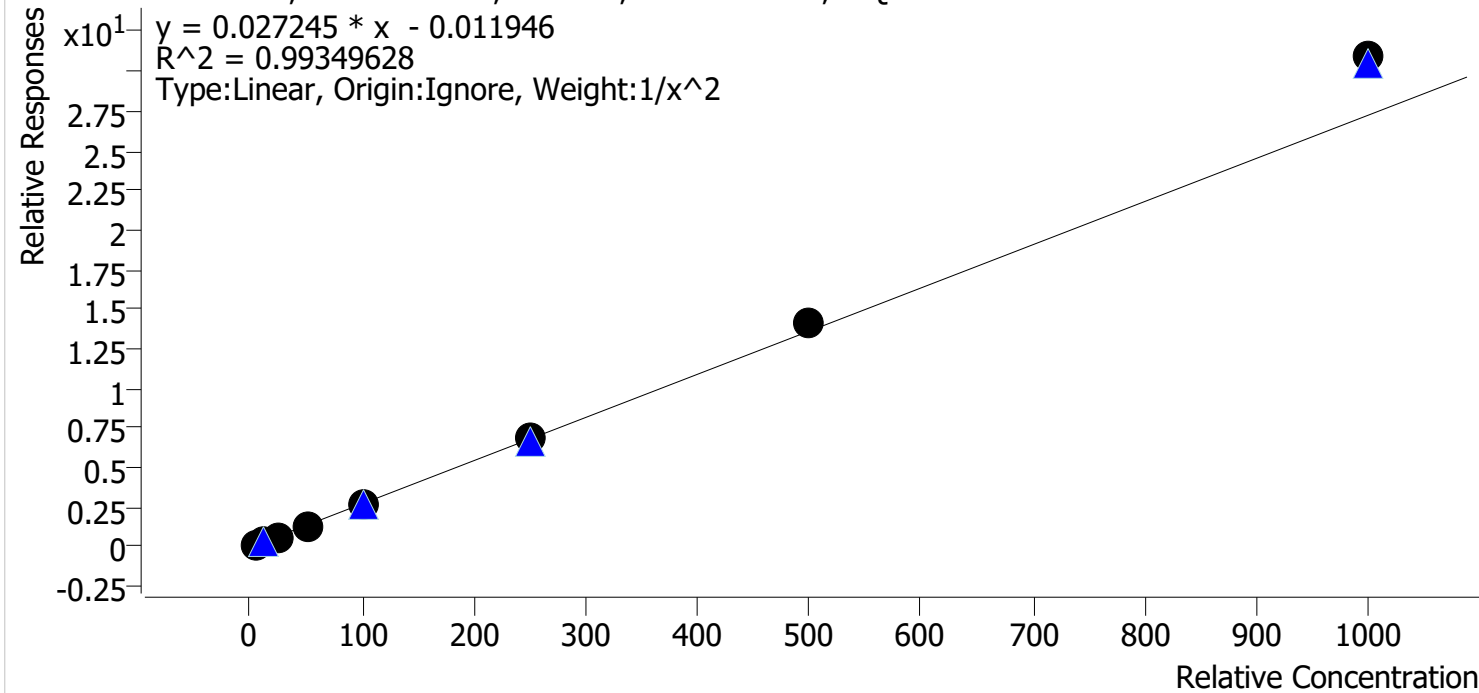
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



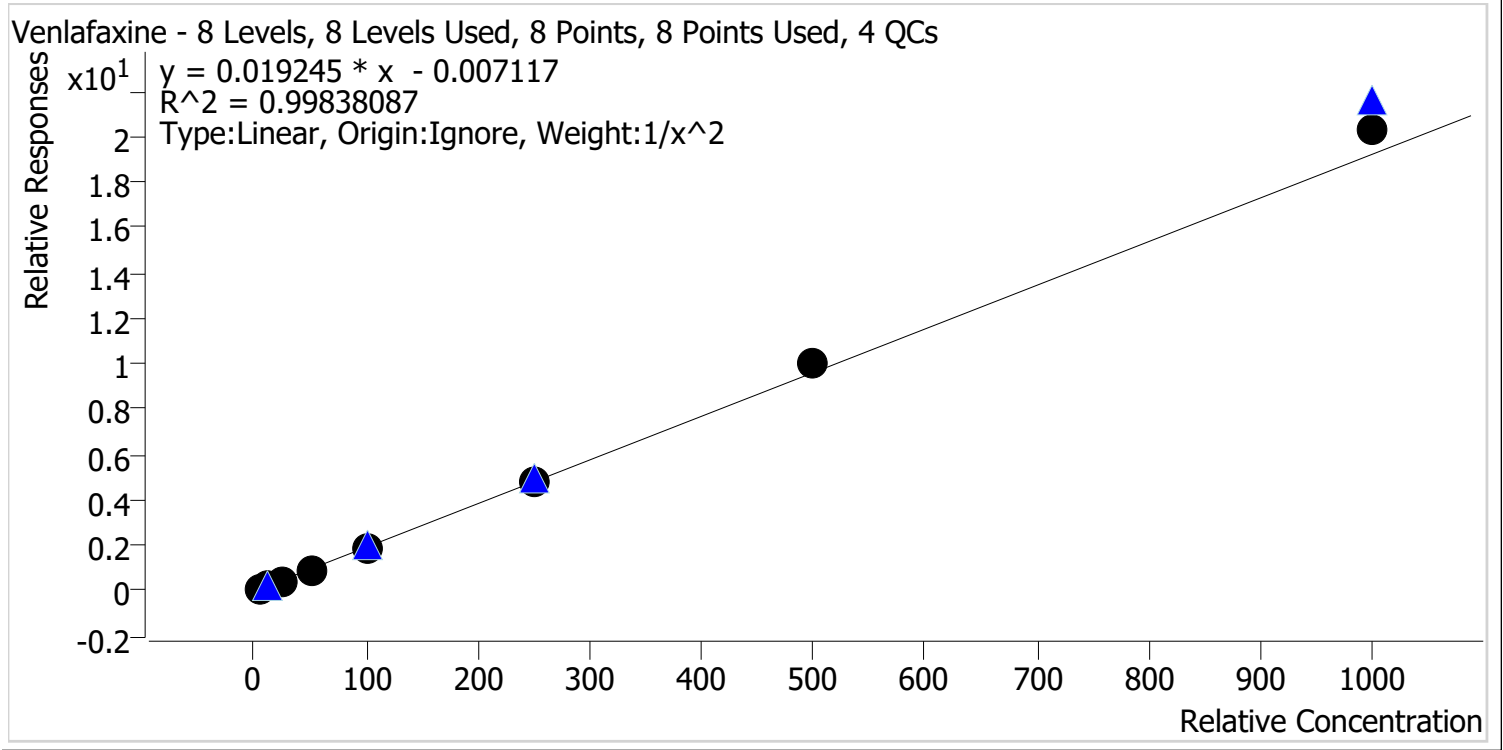
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	45.7	91.5
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng	7	✓	500.0	518.5	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1135.7	113.6

SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 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	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	251.1	100.4
p1 Cal 7-500ng	7	✓	500.0	520.0	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1053.0	105.3

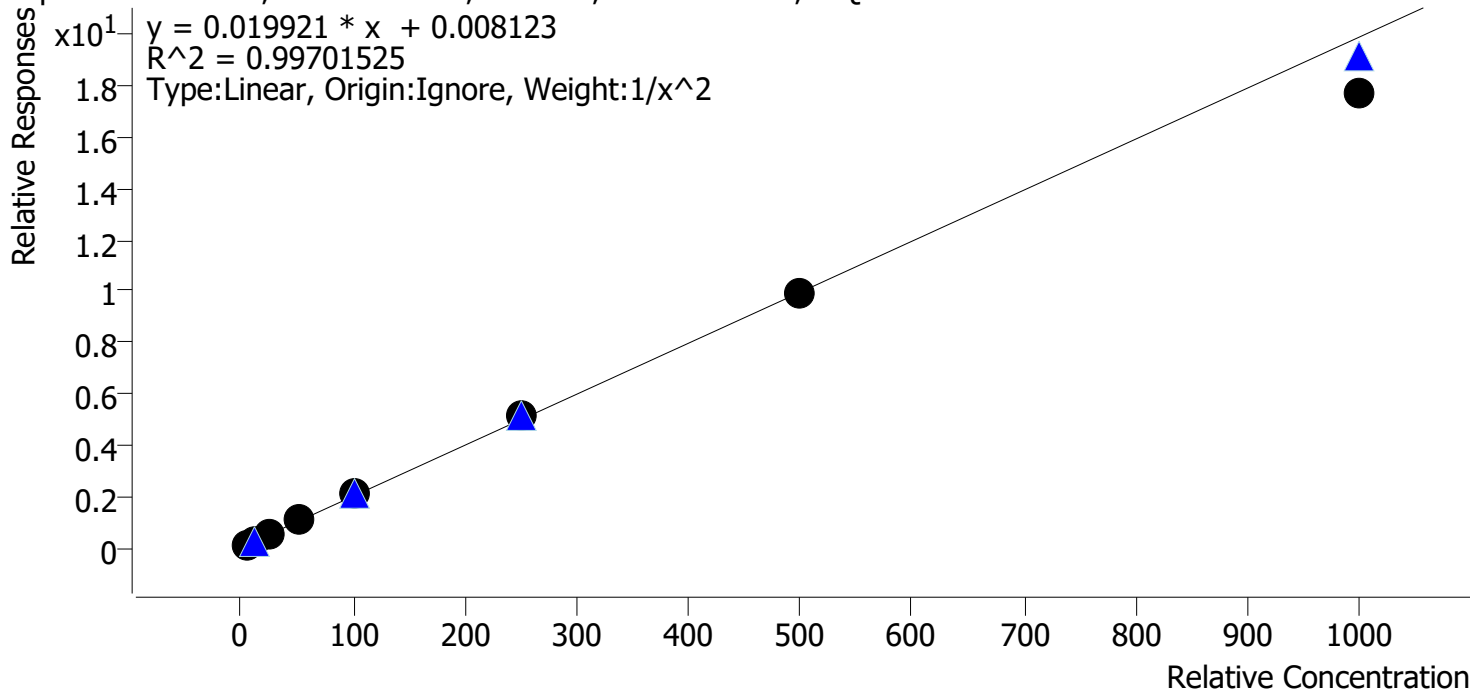
SC TS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Last Cal. Update 7/12/2022 7:53 AM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 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	98.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	258.1	103.3
p1 Cal 7-500ng	7	✓	500.0	495.9	99.2
p1 Cal 8-1000ng	8	✓	1000.0	892.4	89.2

SC TS

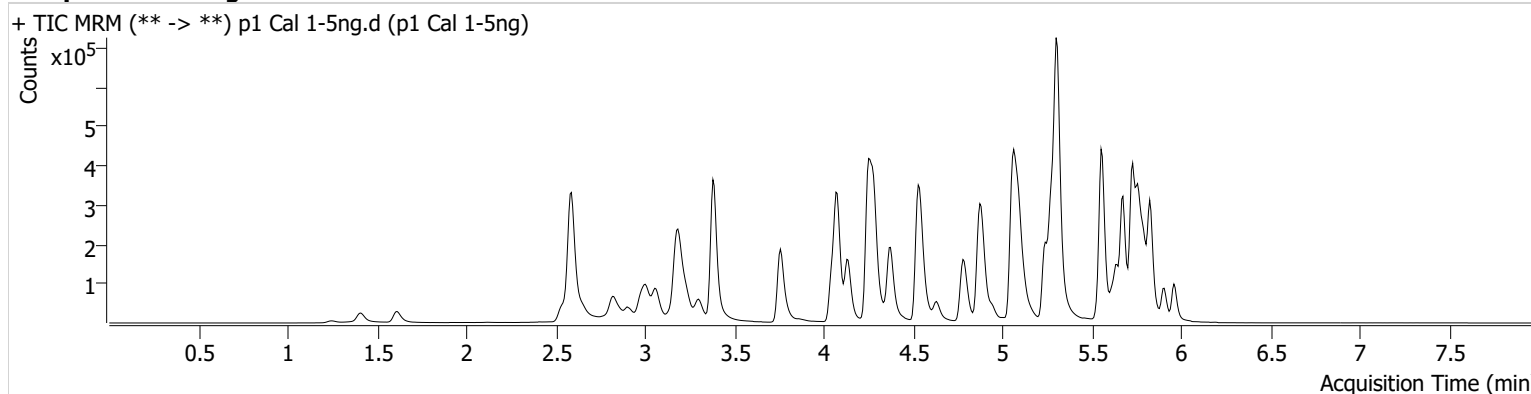


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 12:08:16 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	876	149.98	64.2	504.52	39361	0.4992 ng/ml
7-aminoclonazepam	4.270	15624	22251.21	73.7	3798.24	119726	4.6695 ng/ml
a-hydroxyalprazolam	5.706	7710	798.08	64.6	464.77	184313	4.8712 ng/ml
alpha-PHP	4.943	16187	806.07	251.8	5507.09	412781	5.0020 ng/ml
alpha-PVP	4.381	55334	277.82	51.8	347.60	412781	5.0817 ng/ml
Alprazolam	5.789	25701	383.10	109.8	268.57	184313	5.0528 ng/ml
Amphetamine	3.065	105055	333.62	51.4	330.94	223313	4.9599 ng/ml
Benzoylecgonine	3.890	1039	13.12	9.7	6.28 Low	7064	4.9464 ng/ml
Buprenorphine	5.765	1453	142.15	13.1	510.75	96669	0.5169 ng/ml
Bupropion	4.800	56496	442.93	69.4	175.44	386267	4.9355 ng/ml
Carisoprodol	5.737	28920	86.97	60.6	104.84	274082	5.0946 ng/ml
Citalopram	5.239	45772	565.27	34.9	13286.88	408258	5.0428 ng/ml
Clonazepam	5.619	24295	245.77	35.0	13890.81	72366	4.7134 ng/ml
Clonazepam	5.563	20155	48526.22	35.6	2603.97	72366	4.9187 ng/ml
Cocaine	4.276	34852	138.20	61.7	117742.23	572511	4.9765 ng/ml
Codeine	2.594	4528	47.84	99.2	6886.44	41222	4.8988 ng/ml
Cyclobenzaprine	5.642	33112	151235.37	8.7	43.60	249021	5.2164 ng/ml
Dextromethorphan	5.281	25830	73652.45	81.1	3663.51	206697	5.0248 ng/ml
Dextrophan	4.137	14802	11600.38	204.9	10361.95	303489	5.1005 ng/ml
Diazepam	5.967	17899	269.16	90.3	921.92	161990	4.9618 ng/ml
Dihydrocodeine	2.573	10343	231.44	56.4	41722.86	116270	4.8504 ng/ml
Diphenhydramine	5.309	112068	4136.59	31.8	1803.41	1437450	5.1449 ng/ml
Doxylamine	4.548	106324	1561.07	99.0	599.50	903275	5.0160 ng/ml
EDDP	5.274	46236	414.39	42.3	1610.53	475045	5.0808 ng/ml
Etizolam	5.827	12903	34338.65	26.7	4340.19	72366	5.2799 ng/ml
Fentanyl	5.109	4281	99.17	63.6	65.57	423409	0.5079 ng/ml
Flualprazolam	5.712	10236	554.76	102.3	1766.37	184313	4.9033 ng/ml
Fluoxetine	5.728	54804	5678.82	8.0	9118.50	419894	5.1692 ng/ml
Hydrocodone	3.034	16682	80.29	39.4	60.13	187393	4.8624 ng/ml
Hydromorphone	1.621	12982	912.52	75.1	316.05	79827	5.0513 ng/ml
Ketamine	4.063	37976	300.23	33.3	101.51	327254	4.9143 ng/ml
Lamotrigine	4.292	3232	115.43	88.7	475.46	327254	4.8266 ng/ml
Levetiracetam	2.651	15892	363.84	158.6	308.26	915738	4.9562 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	26852	1142.05	50.5	86.70	72366	4.8745 ng/ml
MDA	3.212	63724	557.76	26.8	181.74	283523	4.8818 ng/ml
MDMA	3.306	37757	9190.72	84.8	315.64	74088	4.9735 ng/ml
Meprobamate	4.916	17398	8241.14	26.8	249.23	156678	4.7933 ng/ml
Methadone	5.673	67395	780.11	60.1	4173.19	535773	5.1150 ng/ml
Methamphetamine	3.233	70192	585.37	39.4	303.22	516347	4.9356 ng/ml
Metoprolol	4.345	10060	377.79	104.7	555.00	838186	4.8373 ng/ml
Mirtazapine	4.630	72088	1400.76	53.6	2081.73	412781	5.1107 ng/ml
Mitragynine	5.236	16493	47354.88	35.6	306.04	535773	5.0368 ng/ml
Morphine	1.253	1589	786.15	29.1	7.87 Low	4851	5.0198 ng/ml
Norbuprenorphine	5.012	233	502.06	71.8	394.03	12873	0.5256 ng/ml
Nordiazepam	5.907	20564	331.59	52.4	498.48	132658	4.9531 ng/ml
Norfentanyl	4.097	8790	1162.88	37.3	34.71	715248	0.5116 ng/ml
Norhydrocodone	3.082	2470	200.38	37.2	31.55	46647	5.3486 ng/ml
Noroxycodone	2.925	16915	412.19	47.2	33.98	97301	5.0959 ng/ml
O-desmethyl-tramadol	3.386	85332	665.11	5.8	207.40	866788	5.0849 ng/ml
Oxazepam	5.763	34702	111.52	69.8	364.27	366209	4.9186 ng/ml
Oxycodone	2.850	30452	697.61	30.0	161.98	217252	4.8255 ng/ml
Oxymorphone	1.411	12658	78.14	46.7	∞	76485	4.9652 ng/ml
Phentermine	3.794	23962	136.67	4.0	14.44	524985	4.7982 ng/ml
Promethazine	5.560	90283	361.79	30.2	446.33	771743	5.1552 ng/ml
Pseudoephedrine	2.597	93917	249.90	16.1	434.40	915738	5.1157 ng/ml
Quetiapine	5.555	49679	191.46	58.1	247.94	139954	4.7497 ng/ml
Sertraline	5.796	19377	756.25	94.5	∞	163552	5.1076 ng/ml
Temazepam	5.831	57027	1143.97	27.1	114.04	499979	5.0229 ng/ml
Tramadol	4.264	92567	691.41	3.2	235.87	838186	4.8943 ng/ml
Trazodone	5.121	53755	150100.19	81.3	43362.61	414296	5.2009 ng/ml
Venlafaxine	5.056	72680	7202.61	31.8	595.88	797084	5.1079 ng/ml
Zolpidem	4.893	71996	1590.87	29.7	529.72	676119	4.9377 ng/ml

SC TS

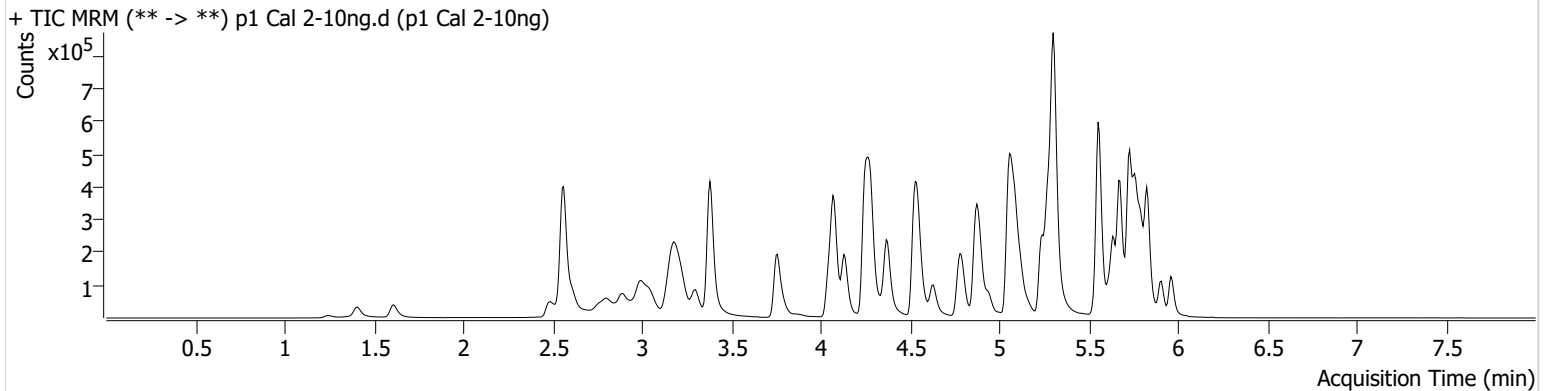


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 12:19:03 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	1818	22.43	70.9	6107.54	42223	1.0165 ng/ml
7-aminoclonazepam	4.270	36233	63567.96	69.7	383.69	129398	10.8513 ng/ml
a-hydroxyalprazolam	5.706	16161	323.37	67.7	238.85	205947	9.9777 ng/ml
alpha-PHP	4.943	33480	1158.77	255.0	647.73	437899	9.9809 ng/ml
alpha-PVP	4.375	115394	1040.53	51.4	2734.72	437899	9.8317 ng/ml
Alprazolam	5.782	57347	334.74	110.0	499.44	205947	9.8196 ng/ml
Amphetamine	3.038	219579	2437.23	51.3	230.52	249087	9.8278 ng/ml
Benzoylcegonine	3.890	2799	104.44	7.5	103.14	9058	10.4379 ng/ml
Buprenorphine	5.765	2923	2956.59	16.9	738.23	104217	0.9711 ng/ml
Bupropion	4.794	122287	76236.96	68.4	272.66	414625	10.1884 ng/ml
Carisoprodol	5.737	60745	435.00	62.0	143.39	281673	9.9627 ng/ml
Citalopram	5.239	98668	11929.16	33.9	41743.97	438957	9.9700 ng/ml
Clonazepam	5.619	66320	2501.66	34.1	27187.18	88857	10.8295 ng/ml
Clonazepam	5.563	41946	17927.86	35.1	1635.94	88857	9.7436 ng/ml
Cocaine	4.276	75115	3273.23	56.7	74394.38	611760	10.1239 ng/ml
Codeine	2.520	9159	24421.89	102.2	2470.06	43287	10.2006 ng/ml
Cyclobenzaprine	5.642	85467	169.26	7.7	144.77	344694	9.4926 ng/ml
Dextromethorphan	5.281	54964	58715.10	81.5	59168.32	226684	9.9469 ng/ml
Dextrophan	4.137	30913	2906.46	199.5	17919.89	324400	9.7983 ng/ml
Diazepam	5.967	39274	283.15	89.5	282.03	179704	10.0304 ng/ml
Dihydrocodeine	2.505	21817	312.52	70.1	43.50	126897	10.1935 ng/ml
Diphenhydramine	5.309	239787	5962.11	32.2	264055.97	1590218	9.6671 ng/ml
Doxylamine	4.548	223384	16666.59	99.2	4045.48	969072	9.9167 ng/ml
EDDP	5.274	94742	5413.53	41.3	75695.96	502923	9.7667 ng/ml
Etizolam	5.827	27892	55357.59	27.7	11733.55	88857	9.2547 ng/ml
Fentanyl	5.109	9114	400.80	61.4	6292.58	478274	0.9886 ng/ml
Flualprazolam	5.712	22687	1560.16	97.3	15034.56	205947	10.1488 ng/ml
Fluoxetine	5.728	121296	255498.42	7.8	85.11	480062	9.5630 ng/ml
Hydrocodone	3.021	35836	206.46	36.5	41.42	205642	10.1388 ng/ml
Hydromorphone	1.615	27479	1391.51	78.2	127459.28	86250	9.7988 ng/ml
Ketamine	4.063	80196	9179.62	33.0	350.60	350432	10.1936 ng/ml
Lamotrigine	4.292	6855	794.61	89.0	6573.66	350432	10.3772 ng/ml
Levetiracetam	2.617	35022	439.79	156.7	1233.36	981477	10.3311 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	56557	766.23	54.8	98.25	88857	10.1367 ng/ml
MDA	3.205	131524	1145.99	27.4	273.31	315179	10.0222 ng/ml
MDMA	3.299	78699	1377.09	87.3	1232.90	77674	10.0849 ng/ml
Meprobamate	4.910	35454	4086.17	28.4	330.22	164131	10.3079 ng/ml
Methadone	5.673	146950	29359.98	61.7	204.26	607335	9.7382 ng/ml
Methamphetamine	3.227	142037	445.92	39.6	497.02	559855	9.9752 ng/ml
Metoprolol	4.338	21673	15991.51	98.5	662.96	885584	10.2850 ng/ml
Mirtazapine	4.630	149650	8634.75	53.1	4306.78	437899	9.7823 ng/ml
Mitragynine	5.236	34356	815.37	35.7	1015.60	607335	9.7171 ng/ml
Morphine	1.253	3735	614.07	25.1	164.26	5745	9.8307 ng/ml
Norbuprenorphine	5.005	352	769.39	85.6	561.88	13648	0.8658 ng/ml
Nordiazepam	5.907	43055	357.51	56.3	343.08	144484	9.9121 ng/ml
Norfentanyl	4.097	18818	156.08	36.5	46.78	768783	0.9821 ng/ml
Norhydrocodone	3.075	5107	114.95	37.3	22.58	51619	9.0911 ng/ml
Noroxycodone	2.905	34450	505.65	48.0	380.44	105608	9.6454 ng/ml
O-desmethyl-tramadol	3.386	178699	6885.08	6.0	869.54	927584	9.8163 ng/ml
Oxazepam	5.763	71055	152.52	71.0	195.06	390171	9.9938 ng/ml
Oxycodone	2.816	66108	126.93	29.9	203.24	245121	10.1001 ng/ml
Oxymorphone	1.411	26469	1748.22	46.5	77.18	81440	10.0470 ng/ml
Phentermine	3.794	49318	851.63	4.3	24.20	558269	10.2587 ng/ml
Promethazine	5.552	200806	8842.33	30.8	394.44	884168	9.6407 ng/ml
Pseudoephedrine	2.570	195076	2030.78	16.8	1944.01	981477	9.7411 ng/ml
Quetiapine	5.555	103080	257.72	60.1	120487.09	147975	10.4540 ng/ml
Sertraline	5.796	45906	2262.79	96.6	45424.42	201154	9.7367 ng/ml
Temazepam	5.831	123175	3776.65	26.4	188.68	559932	9.9212 ng/ml
Tramadol	4.257	194453	20185.25	3.5	168.97	885584	10.1629 ng/ml
Trazodone	5.114	115413	148044.85	79.6	43277.30	461991	9.6078 ng/ml
Venlafaxine	5.056	154206	265.97	32.8	381.77	850936	9.7865 ng/ml
Zolpidem	4.886	150585	2064.76	31.3	1635.51	724529	10.0256 ng/ml

SC TS

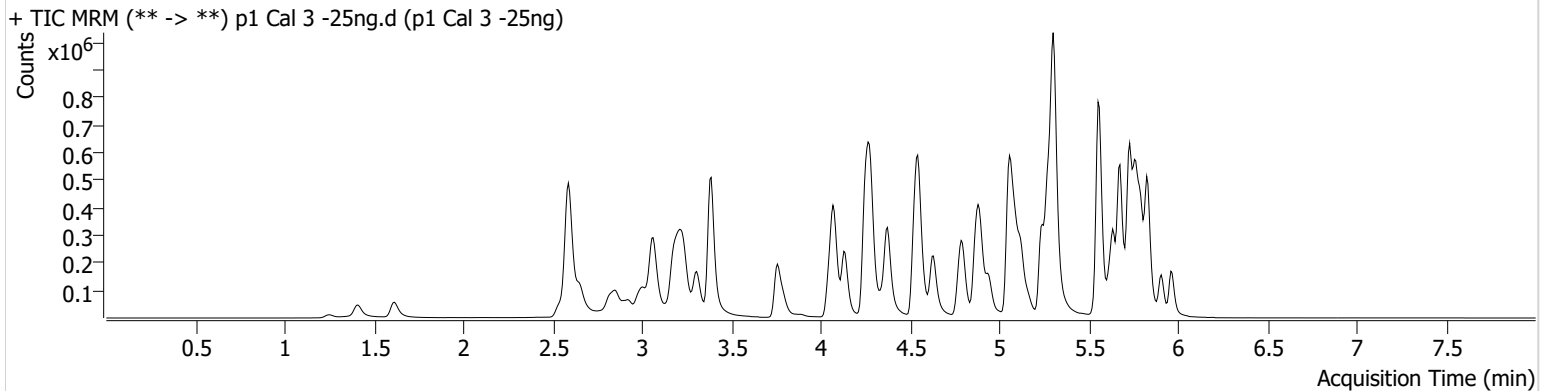


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 12:29:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	4222	409.77	69.0	8761.25	41860	2.4554 ng/ml
7-aminoclonazepam	4.270	80083	144.62	72.5	135.41	119690	26.9387 ng/ml
a-hydroxyalprazolam	5.706	39159	1363.71	68.6	466.77	191864	27.4859 ng/ml
alpha-PHP	4.943	79569	8209.45	254.8	3110.31	422907	24.9142 ng/ml
alpha-PVP	4.375	279834	929.81	51.2	12439.30	422907	24.4405 ng/ml
Alprazolam	5.782	137821	490.96	106.8	477.25	191864	24.9032 ng/ml
Amphetamine	3.065	528638	932.82	50.2	420.56	233607	26.1851 ng/ml
Benzoylecgonine	3.890	5776	74.34	8.0	1569.87	8203	23.8490 ng/ml
Buprenorphine	5.765	6645	885.95	17.5	3327.07	99488	2.3224 ng/ml
Bupropion	4.794	288303	11219.83	68.8	213.99	401342	25.1483 ng/ml
Carisoprodol	5.737	142752	422982.87	61.5	220.49	271384	23.6799 ng/ml
Citalopram	5.239	227425	5904.70	33.5	168398.55	410720	24.3560 ng/ml
Clonazepam	5.619	150443	316.44	36.4	2910.05	83953	26.4030 ng/ml
Clonazepam	5.563	97912	2191.34	36.9	9759.15	83953	27.0494 ng/ml
Cocaine	4.276	175098	263244.57	58.3	16350.47	581714	24.9418 ng/ml
Codeine	2.594	21468	185.99	102.7	15455.36	42249	25.6537 ng/ml
Cyclobenzaprine	5.642	191727	979.78	8.0	3153.07	308571	23.3791 ng/ml
Dextromethorphan	5.281	124643	31592.47	83.2	4214.05	208327	24.8522 ng/ml
Dextrophan	4.137	74722	193061.67	195.8	4152.38	312384	24.3307 ng/ml
Diazepam	5.967	92888	748.94	90.5	3183.41	170668	25.3095 ng/ml
Dihydrocodeine	2.566	54227	56.84	69.1	3737.95	126954	26.6291 ng/ml
Diphenhydramine	5.302	564220	12765.48	32.2	335.42	1475858	24.0429 ng/ml
Doxylamine	4.548	538390	20668.72	98.4	12943.21	937011	24.8645 ng/ml
EDDP	5.274	232622	4295.94	42.0	242942.53	488971	24.5550 ng/ml
Etizolam	5.827	66966	2609.16	27.3	23569.77	83953	23.4355 ng/ml
Fentanyl	5.102	19857	64.95	66.0	31170.92	442633	2.3752 ng/ml
Flualprazolam	5.712	51847	1401.30	101.0	3216.19	191864	25.5211 ng/ml
Fluoxetine	5.728	262125	15085.70	7.9	40446.36	400655	24.0078 ng/ml
Hydrocodone	3.034	84980	89.58	36.8	100.26	193536	26.5317 ng/ml
Hydromorphone	1.615	68194	247.51	78.9	186311.65	83646	24.9176 ng/ml
Ketamine	4.063	188036	12955.06	33.7	373.00	338081	25.5131 ng/ml
Lamotrigine	4.292	16180	702.68	85.4	19443.30	338081	26.5987 ng/ml
Levetiracetam	2.658	80166	835.76	160.9	2056.47	961189	24.3251 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	126892	2514.14	52.4	358.32	83953	27.4829 ng/ml
MDA	3.212	309548	983.71	26.9	1260.03	296516	26.7526 ng/ml
MDMA	3.306	186809	3196.65	87.4	935.15	75495	24.9168 ng/ml
Meprobamate	4.910	83328	5148.29	27.4	938.25	154417	27.3100 ng/ml
Methadone	5.673	347055	1168.45	60.1	588.38	573859	24.1772 ng/ml
Methamphetamine	3.240	338188	428.60	39.2	275.33	538532	25.9923 ng/ml
Metoprolol	4.338	52263	109283.28	98.1	1266.94	843781	26.6529 ng/ml
Mirtazapine	4.630	361969	1754.68	52.9	10083.93	422907	24.1562 ng/ml
Mitragynine	5.236	81481	142581.79	35.8	60898.69	573859	25.2213 ng/ml
Morphine	1.253	8895	1202.52	27.9	259.91	5328	25.0296 ng/ml
Norbuprenorphine	5.005	865	2069.68	94.7	237.67	13192	2.6291 ng/ml
Nordiazepam	5.907	103364	1174.07	54.7	1097.35	135751	25.9858 ng/ml
Norfentanyl	4.097	44907	439.53	35.6	337.41	736270	2.3914 ng/ml
Norhydrocodone	3.082	11893	121.26	40.8	71.51	44542	22.7677 ng/ml
Noroxycodone	2.925	83002	1083.34	49.3	1757.50	99709	24.7606 ng/ml
O-desmethyl-tramadol	3.386	433057	53241.55	6.1	1095.85	901112	24.2777 ng/ml
Oxazepam	5.763	168175	156.59	70.7	150.12	363343	26.3053 ng/ml
Oxycodone	2.850	158485	927.24	29.9	390.08	229400	27.2509 ng/ml
Oxymorphone	1.411	64362	1066.40	48.1	372.93	79525	25.4767 ng/ml
Phentermine	3.794	119825	519.69	4.4	185.29	543204	27.1718 ng/ml
Promethazine	5.560	444730	1566.38	31.2	692.59	768980	23.9461 ng/ml
Pseudoephedrine	2.597	475828	9967.30	16.9	12713.69	961189	23.9866 ng/ml
Quetiapine	5.555	244397	10783.71	59.5	331623.98	143762	27.2074 ng/ml
Sertraline	5.796	91272	5280.17	93.9	6702.93	159809	24.2020 ng/ml
Temazepam	5.831	288601	27623.99	28.1	288.16	532716	24.8013 ng/ml
Tramadol	4.257	465512	23685.89	3.4	2964.20	843781	26.1960 ng/ml
Trazodone	5.121	262304	477.66	80.9	300480.06	416418	23.5586 ng/ml
Venlafaxine	5.056	373796	417.18	32.2	628.92	817634	24.1255 ng/ml
Zolpidem	4.886	362830	577723.86	30.0	739.35	694690	25.8108 ng/ml

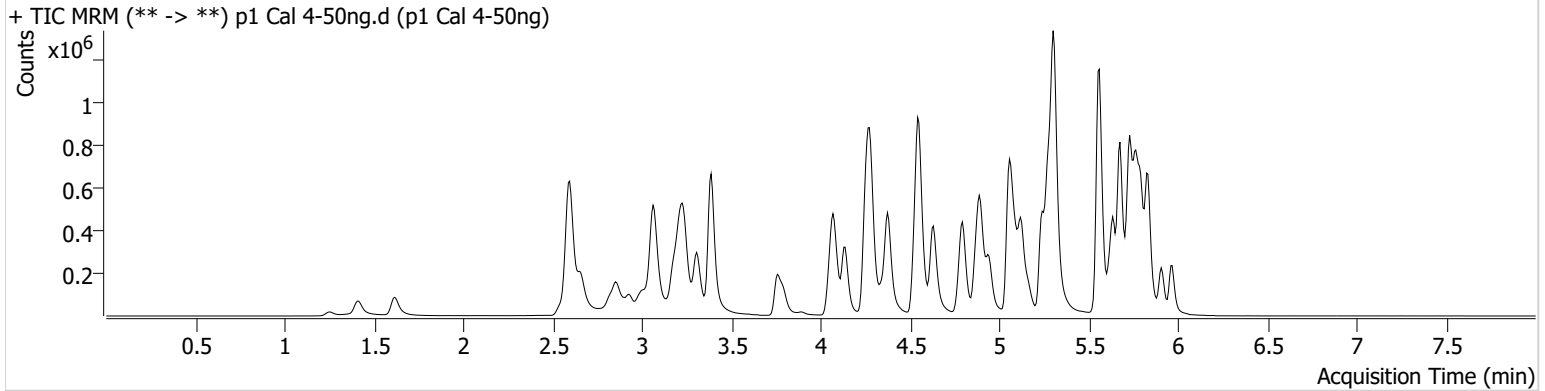


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 12:40:16 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	8043	8199.27	71.9	4405.09	40260	4.9174 ng/ml
7-aminoclonazepam	4.270	144065	4583.97	73.2	2121.71	110035	53.4087 ng/ml
a-hydroxyalprazolam	5.706	73365	621.65	65.9	311.79	182811	54.9714 ng/ml
alpha-PHP	4.943	155293	1853.91	254.5	5605.80	409751	50.4300 ng/ml
alpha-PVP	4.381	539141	37953.68	52.0	12369.69	409751	48.4385 ng/ml
Alprazolam	5.789	262694	∞	107.6	706.10	182811	49.5463 ng/ml
Amphetamine	3.065	1032112	1705.20	49.7	389.35	222419	54.3369 ng/ml
Benzoylecgonine	3.890	11154	869.26	7.2	149.96	7724	48.9616 ng/ml
Buprenorphine	5.765	12686	488.64	14.9	2418.28	93817	4.7091 ng/ml
Bupropion	4.794	559537	39349.58	69.5	7456.08	387674	50.7630 ng/ml
Carisoprodol	5.737	258079	825816.90	62.0	980.70	245184	46.9538 ng/ml
Citalopram	5.239	438334	431.06	33.8	6005.73	394408	48.7442 ng/ml
Clonazepam	5.619	280680	360.96	36.0	194986.21	78582	52.9123 ng/ml
Clonazepam	5.563	181492	3426.95	36.3	130185.58	78582	55.5515 ng/ml
Cocaine	4.276	336394	71658.41	58.9	19830.93	563610	49.5402 ng/ml
Codeine	2.594	41326	643.23	100.8	6604.76	40259	52.6689 ng/ml
Cyclobenzaprine	5.642	378586	17954.73	8.1	3000.70	296360	47.7800 ng/ml
Dextromethorphan	5.281	236917	34057.37	82.4	6234.81	198779	49.7156 ng/ml
Dextrophan	4.137	144452	1712.10	201.8	15918.98	305560	47.9152 ng/ml
Diazepam	5.967	177688	1893.66	88.7	7664.87	161959	51.2437 ng/ml
Dihydrocodeine	2.573	102963	9016.45	67.6	163.76	121181	53.8395 ng/ml
Diphenhydramine	5.309	1078466	98546.18	32.4	9067.96	1405355	47.9557 ng/ml
Doxylamine	4.548	1063251	99935.31	97.4	9351.67	908192	50.7638 ng/ml
EDDP	5.274	455898	14254.77	40.8	207.41	469506	50.0440 ng/ml
Etizolam	5.827	124694	19383.52	27.8	69754.55	78582	46.5689 ng/ml
Fentanyl	5.102	39282	407.68	65.6	2156.85	428222	4.8939 ng/ml
Flualprazolam	5.712	102042	5586.67	100.5	11658.11	182811	53.1750 ng/ml
Fluoxetine	5.728	482601	1712.44	8.0	68259.57	360147	48.6754 ng/ml
Hydrocodone	3.034	162526	368.58	36.9	100.67	184872	53.7703 ng/ml
Hydromorphone	1.621	134154	651322.68	77.3	2471.79	80924	50.5642 ng/ml
Ketamine	4.063	363609	1589890.76	34.7	1560.23	329619	51.1098 ng/ml
Lamotrigine	4.292	30617	1045.58	89.8	27393.03	329619	52.4089 ng/ml
Levetiracetam	2.658	152603	1379.72	162.2	418.33	912321	48.9186 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	219078	3083.39	52.6	606.62	78582	52.7885 ng/ml
MDA	3.212	579531	1091.59	26.5	1444.44	279043	54.3289 ng/ml
MDMA	3.306	362754	171361.18	87.9	3130.28	72110	50.8615 ng/ml
Meprobamate	4.910	151764	7925.74	28.6	6578.52	147518	53.0085 ng/ml
Methadone	5.673	676422	61622.25	60.5	883.38	556920	48.4457 ng/ml
Methamphetamine	3.240	661488	1058.05	39.6	829.20	527664	52.7661 ng/ml
Metoprolol	4.338	101792	42790.81	97.3	2534.83	833722	52.9319 ng/ml
Mirtazapine	4.630	697096	8818.82	52.9	2367.54	409751	47.7892 ng/ml
Mitragynine	5.236	158995	685084.05	36.1	62846.63	556920	51.2678 ng/ml
Morphine	1.253	18391	7512.16	28.1	3119.18	5243	52.4369 ng/ml
Norbuprenorphine	5.005	1587	5261.93	79.3	88.11	12724	5.2528 ng/ml
Nordiazepam	5.907	195933	735.17	54.7	545.08	130050	51.8323 ng/ml
Norfentanyl	4.097	86371	15883.00	36.7	70.35	711997	4.7193 ng/ml
Norhydrocodone	3.082	23091	295.04	38.1	32.94	41750	46.0465 ng/ml
Noroxycodone	2.932	159253	2166.11	47.8	2957.64	94573	50.1840 ng/ml
O-desmethyl-tramadol	3.386	843334	2672.19	6.1	285580.34	865822	49.0612 ng/ml
Oxazepam	5.763	300569	6004.49	72.5	∞	327037	52.8119 ng/ml
Oxycodone	2.850	303436	790.46	30.5	390.30	221953	54.7891 ng/ml
Oxymorphone	1.412	125725	∞	49.1	207.59	80336	49.5512 ng/ml
Phentermine	3.794	230869	700.60	4.4	67.60	529045	54.7702 ng/ml
Promethazine	5.560	867504	84920.94	30.4	1295.54	742963	47.9480 ng/ml
Pseudoephedrine	2.597	928176	17879.05	17.1	4945.14	912321	49.1011 ng/ml
Quetiapine	5.555	465385	18673.66	58.6	537713.13	138450	54.9467 ng/ml
Sertraline	5.796	166411	31775.17	94.9	229155.10	144728	48.6133 ng/ml
Temazepam	5.831	535097	9582.50	27.0	1622.18	490659	50.1806 ng/ml
Tramadol	4.257	902038	55240.14	3.4	5065.43	833722	51.7933 ng/ml
Trazodone	5.121	503993	5536.74	81.4	25392.63	408343	45.7401 ng/ml
Venlafaxine	5.056	718442	43769.73	32.4	5684.16	776051	48.4751 ng/ml
Zolpidem	4.893	691165	4584.85	30.4	1193.97	666709	51.6329 ng/ml

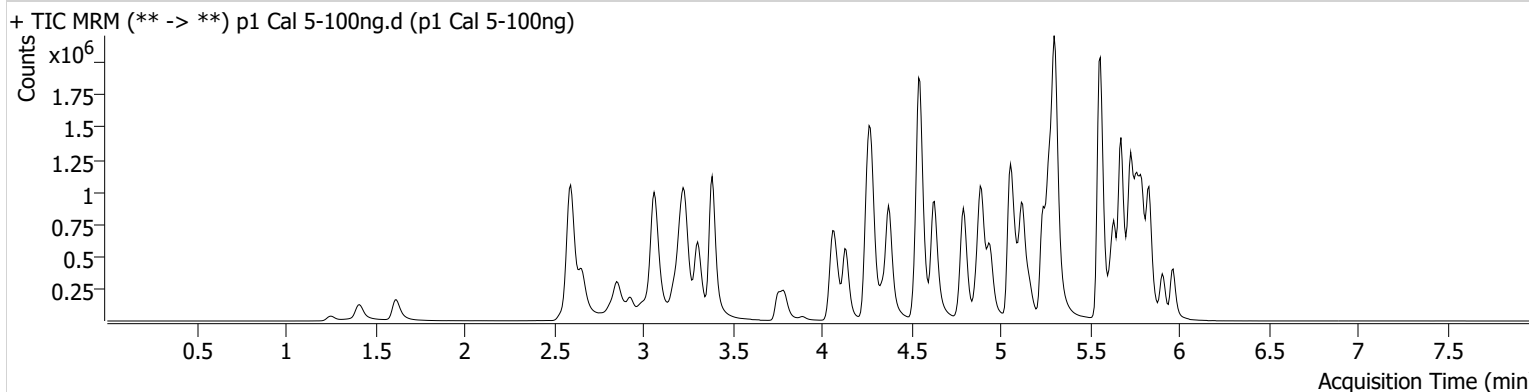


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 12:50:53 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	17521	42154.63	72.5	20059.97	45018	9.6319 ng/ml
7-aminoclonazepam	4.270	274766	9708.11	70.8	3171.64	103660	108.8717 ng/ml
a-hydroxyalprazolam	5.706	135331	371.31	67.0	412.03	184014	101.5377 ng/ml
alpha-PHP	4.943	339327	16319.94	255.8	315460.67	448837	100.8377 ng/ml
alpha-PVP	4.375	1205741	52930.14	51.8	82952.50	448837	98.7246 ng/ml
Alprazolam	5.782	529654	3232.25	106.3	1892.42	184014	98.9719 ng/ml
Amphetamine	3.065	2111615	45896.15	48.6	558.09	243322	102.1500 ng/ml
Benzoylecgonine	3.890	24979	∞	8.5	10734.31	8537	99.2596 ng/ml
Buprenorphine	5.765	29261	18208.00	15.3	7105.63	103099	9.8917 ng/ml
Bupropion	4.794	1248217	156433.19	69.0	9204.84	433543	101.4922 ng/ml
Carisoprodol	5.737	483841	118640.16	62.2	4954.81	219942	97.6610 ng/ml
Citalopram	5.239	950167	64918.48	34.1	496.59	413458	100.6445 ng/ml
Clonazepam	5.619	530555	489.52	35.5	424.95	77813	101.2667 ng/ml
Clonazolam	5.563	346291	813139.31	36.8	208889.15	77813	108.9173 ng/ml
Cocaine	4.276	729059	304.23	58.5	23706.94	610591	99.1910 ng/ml
Codeine	2.594	86767	156.45	96.9	147.90	43651	102.7620 ng/ml
Cyclobenzaprine	5.642	781137	19377.77	8.0	13303.40	300877	96.8246 ng/ml
Dextromethorphan	5.281	499409	39464.08	82.0	66436.53	212025	98.4555 ng/ml
Dextrophan	4.137	322791	11783.92	200.6	12743.91	333650	97.8729 ng/ml
Diazepam	5.967	361320	2796.29	88.5	14297.71	164109	103.0597 ng/ml
Dihydrocodeine	2.573	221112	402.64	68.1	9251.59	137424	102.7387 ng/ml
Diphenhydramine	5.309	2357523	90286.34	32.2	6606.08	1514108	96.9889 ng/ml
Doxylamine	4.548	2388244	77803.13	96.8	6594.92	1029775	100.6575 ng/ml
EDDP	5.274	969559	32993.25	41.7	7867.89	510498	97.8141 ng/ml
Etizolam	5.827	257150	62658.39	27.7	154697.94	77813	96.9281 ng/ml
Fentanyl	5.102	88181	22000.63	64.2	209.67	460608	10.2522 ng/ml
Flualprazolam	5.712	198448	5663.82	104.8	37259.01	184014	103.1377 ng/ml
Fluoxetine	5.728	904550	97546.04	7.9	61025.32	341942	95.6284 ng/ml
Hydrocodone	3.034	345048	93.89	37.0	269.37	204321	103.8866 ng/ml
Hydromorphone	1.621	293293	1133838.77	77.8	1375.43	90896	98.3217 ng/ml
Ketamine	4.063	801721	23765.77	35.0	431.65	364236	102.4963 ng/ml
Lamotrigine	4.292	65176	5855.19	88.3	825.72	364236	101.7375 ng/ml
Levetiracetam	2.658	330038	518.86	161.4	564.44	974650	99.1674 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	345851	∞	52.1	704.11	77813	85.6337 ng/ml
MDA	3.212	1140471	10904.03	26.9	1033.08	290053	103.8560 ng/ml
MDMA	3.306	794485	81094.02	88.4	5079.30	80692	99.7366 ng/ml
Meprobamate	4.910	302041	458.73	28.0	7575.68	148465	105.8421 ng/ml
Methadone	5.673	1454277	35330.87	60.1	∞	588452	98.4622 ng/ml
Methamphetamine	3.233	1478040	1070.95	37.9	550.11	602315	104.1331 ng/ml
Metoprolol	4.338	218626	555662.37	96.2	3923.21	932959	101.9664 ng/ml
Mirtazapine	4.630	1578868	26700.92	52.1	7735.38	448837	98.5692 ng/ml
Mitragynine	5.236	343967	21804.64	36.2	128415.05	588452	105.5454 ng/ml
Morphine	1.253	41020	10489.62	25.7	61.05	6170	99.2611 ng/ml
Norbuprenorphine	5.012	3363	5504.42	89.8	3806.85	14313	10.1444 ng/ml
Nordiazepam	5.907	384046	100783.26	54.3	13258.97	126591	104.8012 ng/ml
Norfentanyl	4.097	192669	173.50	35.8	60.40	768547	9.7130 ng/ml
Norhydrocodone	3.082	46687	173.08	41.0	156.64	39616	96.9397 ng/ml
Noroxycodone	2.925	319768	∞	48.8	325.45	94507	100.9321 ng/ml
O-desmethyl-tramadol	3.386	1876542	147543.11	6.1	569.04	955824	98.7462 ng/ml
Oxazepam	5.763	513682	200.68	73.7	3697.05	286935	103.4279 ng/ml
Oxycodone	2.850	661950	456.88	30.2	714.73	249212	107.2816 ng/ml
Oxymorphone	1.411	272121	∞	47.3	223.72	84365	102.4528 ng/ml
Phentermine	3.794	491082	∞	4.3	720.79	580592	107.1335 ng/ml
Promethazine	5.560	1816777	22753.18	30.0	602.87	763393	97.3228 ng/ml
Pseudoephedrine	2.597	2002205	1028.93	17.1	639.60	974650	98.9564 ng/ml
Quetiapine	5.555	971522	144727.65	60.2	23958.25	151914	105.6012 ng/ml
Sertraline	5.796	319953	114077.02	93.9	25443.87	134149	100.7198 ng/ml
Temazepam	5.831	1026276	53088.22	26.8	2633.17	466047	101.5818 ng/ml
Tramadol	4.257	1959424	230249.51	3.4	326.51	932959	100.9505 ng/ml
Trazodone	5.121	1135303	427.92	80.9	116898.72	432200	96.8528 ng/ml
Venlafaxine	5.056	1615892	45172.11	31.9	574.49	870994	96.7724 ng/ml
Zolpidem	4.886	1592174	3732.67	29.5	407322.11	774314	102.8138 ng/ml

SC TS

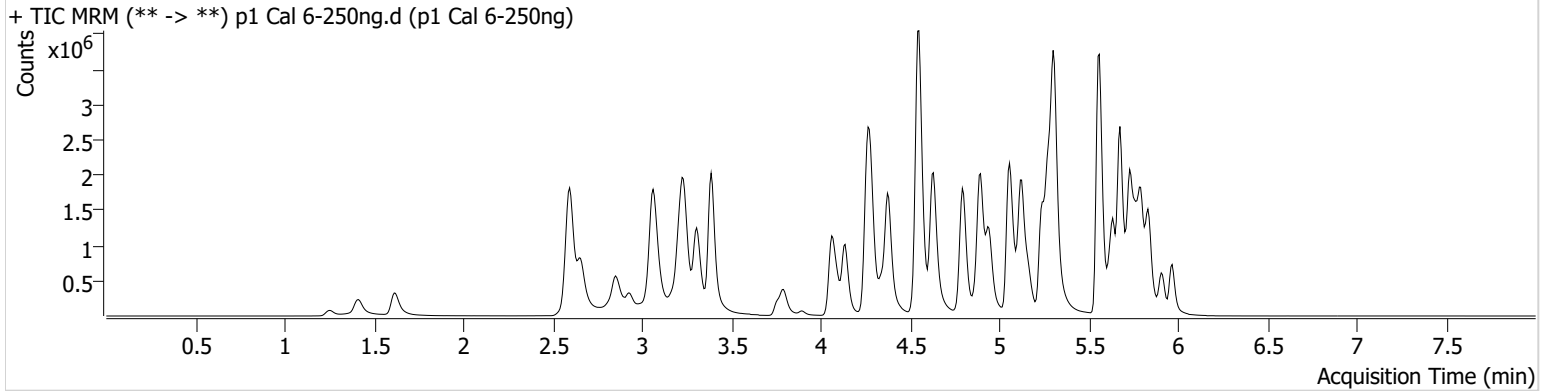


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 1:01:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	41418	257.48	70.3	1185.14	41247	24.9376 ng/ml
7-aminoclonazepam	4.270	498224	5461.30	74.8	5557.47	88191	232.8628 ng/ml
a-hydroxyalprazolam	5.706	209986	3523.88	69.0	530.21	143179	203.4376 ng/ml
alpha-PHP	4.943	745489	41490.92	258.6	331061.20	397741	250.3528 ng/ml
alpha-PVP	4.381	2684995	106228.12	51.8	1025.05	397741	247.8393 ng/ml
Alprazolam	5.782	1074119	4298.91	105.5	652.86	143179	257.5193 ng/ml
Amphetamine	3.065	4042031	1068.97	48.5	3186.82	219544	217.3972 ng/ml
Benzoylecgonine	3.890	60923	5224.56	8.3	1547.89	8055	256.6436 ng/ml
Buprenorphine	5.765	64709	11610.64	15.4	18760.56	87990	25.6425 ng/ml
Bupropion	4.794	2838628	696547.28	68.3	40340.82	393590	254.5867 ng/ml
Carisoprodol	5.737	851214	491965.72	59.1	6443.86	149981	251.2773 ng/ml
Citalopram	5.239	1980138	32972.75	33.9	332.41	344944	251.1926 ng/ml
Clonazepam	5.619	977063	87276.68	35.2	95532.65	60042	242.0844 ng/ml
Clonazepam	5.563	578801	259413.16	38.1	89520.31	60042	238.2887 ng/ml
Cocaine	4.276	1555751	187487.80	57.8	132086.12	511451	252.8264 ng/ml
Codeine	2.594	168998	9425.11	99.2	5967.04	37625	233.2481 ng/ml
Cyclobenzaprine	5.642	1689169	1298.54	7.7	212.52	248708	252.8588 ng/ml
Dextromethorphan	5.281	1005118	69845.26	82.8	11486.89	167831	250.6553 ng/ml
Dextrophan	4.137	710731	10781.24	201.2	2468.09	287747	249.6052 ng/ml
Diazepam	5.967	757031	448.36	90.1	4064.71	141653	250.4745 ng/ml
Dihydrocodeine	2.573	477531	341.22	69.5	322.82	125653	243.8654 ng/ml
Diphenhydramine	5.309	5136192	564365.58	31.7	25848.78	1271127	251.2108 ng/ml
Doxylamine	4.548	5550085	13001.17	97.6	204528.74	959914	251.0900 ng/ml
EDDP	5.274	2130799	57396.57	41.4	40918.92	447580	245.0765 ng/ml
Etizolam	5.827	532488	7721.40	27.0	108235.79	60042	260.0268 ng/ml
Fentanyl	5.102	202318	33320.14	64.6	320.51	422058	25.7237 ng/ml
Flualprazolam	5.712	386749	21700.16	105.7	5896.63	143179	258.9750 ng/ml
Fluoxetine	5.728	1772425	753.43	7.8	577205.04	257535	248.0337 ng/ml
Hydrocodone	3.034	736237	712.45	37.7	479.46	183013	248.3699 ng/ml
Hydromorphone	1.621	653099	2186.17	77.9	1353.42	79296	250.8126 ng/ml
Ketamine	4.063	1800987	204749.92	34.0	2005.31	330624	254.4169 ng/ml
Lamotrigine	4.292	125565	16035.16	90.7	1712.64	330624	216.8662 ng/ml
Levetiracetam	2.658	707891	8219.03	162.9	1999.65	830699	249.7627 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.754	444801	24884.19	51.7	990.64	60042	144.3848 ng/ml
MDA	3.212	2108435	32473.53	26.4	3982.09	231851	241.6701 ng/ml
MDMA	3.306	1718160	6487.19	87.8	3730.78	68668	253.7696 ng/ml
Meprobamate	4.916	545088	46756.70	27.4	224.89	115045	247.8824 ng/ml
Methadone	5.673	3268747	161198.14	56.9	2517.54	516957	251.7492 ng/ml
Methamphetamine	3.233	3213490	62187.05	38.3	1222.55	559225	245.0298 ng/ml
Metoprolol	4.338	459281	390389.52	97.9	213610.38	832607	240.5751 ng/ml
Mirtazapine	4.630	3561434	11290.09	51.7	80524.18	397741	250.5513 ng/ml
Mitragynine	5.236	724804	151869.34	36.7	60810.45	516957	253.9325 ng/ml
Morphine	1.253	88933	238.18	27.2	1294.18	5315	249.6374 ng/ml
Norbuprenorphine	5.012	7620	10036.12	96.4	1168.08	13483	24.7910 ng/ml
Nordiazepam	5.907	754644	3694.62	54.5	2526.76	101049	258.6043 ng/ml
Norfentanyl	4.097	433745	42715.82	36.0	5355.30	657949	25.4810 ng/ml
Norhydrocodone	3.082	105640	∞	39.4	279.09	31887	270.6273 ng/ml
Noroxycodone	2.925	613704	5473.56	47.9	1775.51	75715	241.9199 ng/ml
O-desmethyl-tramadol	3.386	4255241	346505.34	6.0	581.60	850683	251.3744 ng/ml
Oxazepam	5.763	711933	14361.76	72.4	7922.96	168495	244.9043 ng/ml
Oxycodone	2.850	1376134	840.39	30.7	1031.58	219915	253.9371 ng/ml
Oxymorphone	1.411	589203	∞	49.1	∞	72670	258.0003 ng/ml
Phentermine	3.794	961521	5387.62	4.4	1748.27	524717	233.3126 ng/ml
Promethazine	5.552	4022563	5123.74	29.4	20690.14	654535	250.7048 ng/ml
Pseudoephedrine	2.597	4242468	1185.22	16.9	102314.41	830699	245.7392 ng/ml
Quetiapine	5.548	1978376	136165.55	60.1	78217.82	139991	234.7824 ng/ml
Sertraline	5.796	601454	17109.47	93.3	86639.29	101199	250.8164 ng/ml
Temazepam	5.831	1758652	131650.70	26.9	5479.34	326804	248.6047 ng/ml
Tramadol	4.257	4259112	504910.05	3.4	443.44	832607	246.5066 ng/ml
Trazodone	5.121	2588263	166465.85	82.0	1611.53	380433	250.1536 ng/ml
Venlafaxine	5.056	3716919	55170.25	31.5	922.90	770271	251.1137 ng/ml
Zolpidem	4.893	3586901	259866.17	28.9	4243.62	696422	258.1418 ng/ml

SC TS

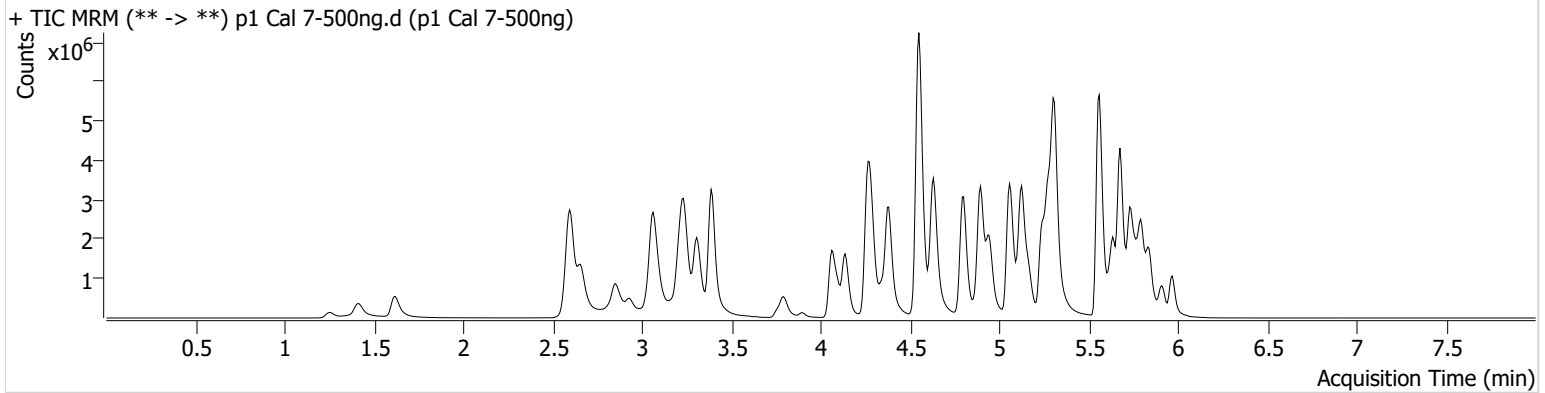


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 1:12:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	78685	188716.13	68.8	32530.23	38370	50.9855 ng/ml
7-aminoclonazepam	4.270	658341	8438.16	76.7	2029.92	66674	407.5445 ng/ml
a-hydroxyalprazolam	5.699	254952	411.16	68.1	1387.47	109465	323.6381 ng/ml
alpha-PHP	4.943	1286993	51476.30	261.0	11679.41	344156	499.7368 ng/ml
alpha-PVP	4.381	4781780	43425.35	51.0	1135.16	344156	509.9347 ng/ml
Alprazolam	5.789	1609340	477.99	105.2	584.54	109465	504.4119 ng/ml
Amphetamine	3.065	6256421	344.10	48.3	552.86	204126	362.3181 ng/ml
Benzoylcegonine	3.897	120017	635890.43	8.1	16824.81	8337	488.4856 ng/ml
Buprenorphine	5.765	111663	151858.30	15.3	44050.43	75551	51.5421 ng/ml
Bupropion	4.800	5097555	140379.05	67.6	39119.65	362815	496.1825 ng/ml
Carisoprodol	5.737	1071268	123803.91	62.1	5428.58	93402	507.3577 ng/ml
Citalopram	5.239	3174002	94983.98	34.4	11306.24	276522	502.1305 ng/ml
Clonazepam	5.619	1316336	325.82	34.9	1938313.16	44580	439.4963 ng/ml
Clonazepam	5.569	724813	40705.80	38.2	162318.16	44580	403.2856 ng/ml
Cocaine	4.283	2557512	87299.67	58.5	59257.54	420365	505.7665 ng/ml
Codeine	2.594	261806	20330.02	99.9	26453.98	28374	480.0204 ng/ml
Cyclobenzaprine	5.642	2829828	132942.84	7.6	11289.07	203455	517.5450 ng/ml
Dextromethorphan	5.281	1582254	39367.97	81.7	28597.68	131548	503.6226 ng/ml
Dextrophan	4.137	1261849	201802.38	200.1	2003.24	247486	515.0612 ng/ml
Diazepam	5.967	1219825	7993.13	89.4	19387.42	116374	491.4825 ng/ml
Dihydrocodeine	2.566	823067	338.47	68.9	11463.67	122198	432.8864 ng/ml
Diphenhydramine	5.309	8675502	136470.04	31.5	118580.96	1022536	527.1415 ng/ml
Doxylamine	4.548	10350005	256005.18	96.5	156520.59	869042	517.3073 ng/ml
EDDP	5.274	3733780	173575.60	40.8	462529.21	373842	514.0716 ng/ml
Etizolam	5.827	867045	1942.33	27.3	5033.27	44580	570.1841 ng/ml
Fentanyl	5.102	359564	201635.04	64.8	250011.12	380957	50.6832 ng/ml
Flualprazolam	5.712	550333	18649.06	109.5	41076.24	109465	482.3826 ng/ml
Fluoxetine	5.728	2753213	1835105.87	7.8	299.67	186922	530.2923 ng/ml
Hydrocodone	3.034	1268801	506.06	38.5	1979.03	164976	475.4201 ng/ml
Hydromorphone	1.615	1189449	5008108.99	77.5	7862255.90	72086	502.3782 ng/ml
Ketamine	4.063	3202096	125162.29	33.8	13134.08	300595	498.0277 ng/ml
Lamotrigine	4.299	185900	15911.81	92.1	1477.55	300595	353.6733 ng/ml
Levetiracetam	2.658	1186474	48519.50	163.7	9532.28	691502	503.0210 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.761	466250	1862.58	53.9	4614.27	44580	204.8614 ng/ml
MDA	3.205	3085168	33309.06	25.9	2065.51	191166	429.7509 ng/ml
MDMA	3.306	2971185	2337.28	88.6	4826.18	60657	496.9826 ng/ml
Meprobamate	4.916	742831	23030.15	26.7	27976.90	83766	464.8556 ng/ml
Methadone	5.673	5667095	139264.50	57.3	1338.24	447279	504.3468 ng/ml
Methamphetamine	3.233	5647681	5427.46	37.8	1174.55	536690	449.4537 ng/ml
Metoprolol	4.345	719707	2403.10	100.3	6276.69	700149	448.6604 ng/ml
Mirtazapine	4.630	6330383	9368.27	51.0	8942.01	344156	514.4509 ng/ml
Mitragynine	5.236	1186251	236491.71	37.1	1225487.44	447279	480.8328 ng/ml
Morphine	1.253	165381	137.84	26.3	129.55	4992	494.1042 ng/ml
Norbuprenorphine	5.012	14539	32030.39	91.4	100.17	12844	49.9364 ng/ml
Nordiazepam	5.914	1078520	16353.12	54.4	432.95	77257	483.7811 ng/ml
Norfentanyl	4.097	798728	52454.68	36.5	78.50	559007	55.1841 ng/ml
Norhydrocodone	3.082	194278	∞	39.5	77.12	27844	568.8169 ng/ml
Noroxycodone	2.925	946538	6909.14	48.5	6082.58	56006	504.5309 ng/ml
O-desmethyl-tramadol	3.386	7719115	434196.29	5.9	43517.06	760193	510.1351 ng/ml
Oxazepam	5.763	751329	14278.72	72.6	4036.20	92000	473.9033 ng/ml
Oxycodone	2.843	2318852	685.71	30.6	16447.24	205047	459.6351 ng/ml
Oxymorphone	1.411	1036592	∞	46.6	∞	64205	514.0470 ng/ml
Phentermine	3.794	1592664	∞	4.4	813.33	490980	413.8146 ng/ml
Promethazine	5.560	7060241	∞	29.0	33902.71	556462	517.1632 ng/ml
Pseudoephedrine	2.597	7377382	115750.39	16.5	90548.77	691502	513.1430 ng/ml
Quetiapine	5.555	3090051	1001.74	60.5	172090.59	125129	411.1433 ng/ml
Sertraline	5.796	935354	46268.30	94.5	59100.69	77152	511.5234 ng/ml
Temazepam	5.837	2214318	42070.75	26.8	2553.33	208268	491.4195 ng/ml
Tramadol	4.257	7288226	140206.79	3.3	664.08	700149	502.0793 ng/ml
Trazodone	5.121	4656792	135154.53	82.2	2297.39	329918	518.5168 ng/ml
Venlafaxine	5.056	6624359	3262.55	30.6	23744.31	662385	520.0360 ng/ml
Zolpidem	4.893	6442352	308619.71	28.3	72318.60	651649	495.8736 ng/ml

SC TS

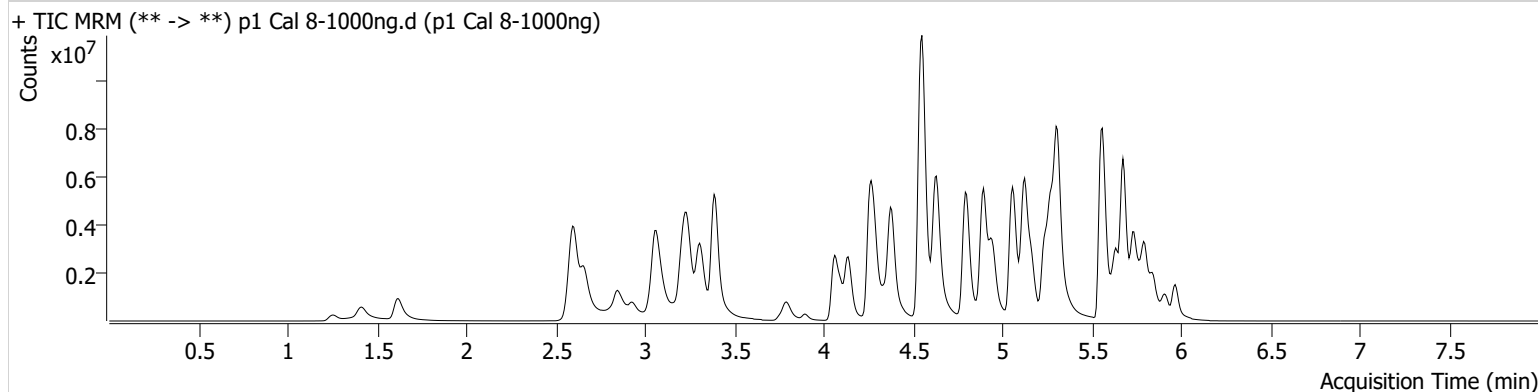


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\070622 AM 27 28 TS\QuantResults\AM 28.batch.bin
Calibration Last Update 7/12/2022 7:53:52 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	7/6/2022 1:22:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	154711	3842.82	68.6	19735.17	37042	103.8977 ng/ml
7-aminoclonazepam	4.270	709862	1655.89	71.2	8531.43	46631	628.7075 ng/ml
a-hydroxyalprazolam	5.699	282113	496.53	67.7	464.36	79303	494.8295 ng/ml
alpha-PHP	4.943	2241231	192244.31	264.7	118164.66	303501	987.0746 ng/ml
alpha-PVP	4.381	8730913	1915.35	50.9	1059.29	303501	1055.6195 ng/ml
Alprazolam	5.789	2293048	321.54	104.7	444.79	79303	991.7988 ng/ml
Amphetamine	3.065	9287784	204.85	48.6	208.15	188345	583.3052 ng/ml
Benzoylcegonine	3.897	264447	23136.22	8.1	7351.18	8649	1037.6075 ng/ml
Buprenorphine	5.765	201185	13780.82	15.5	44114.75	65050	107.8621 ng/ml
Bupropion	4.794	9467463	147608.66	67.0	99147.29	353049	947.2399 ng/ml
Carisoprodol	5.737	1253624	50895.86	61.6	34501.85	50295	1102.0931 ng/ml
Citalopram	5.239	4578947	128952.19	33.7	11142.29	194478	1029.8459 ng/ml
Clonazepam	5.619	1543586	487.61	34.9	44849.14	30355	757.0928 ng/ml
Clonazepam	5.576	799656	23990.73	39.1	10207.13	30355	654.6882 ng/ml
Cocaine	4.283	4209636	493533.30	58.3	123964.94	353841	989.0806 ng/ml
Codeine	2.594	406001	2891.54	97.9	73670.69	28086	752.5044 ng/ml
Cyclobenzaprine	5.642	4653523	51260.92	7.4	32714.14	157096	1101.9296 ng/ml
Dextromethorphan	5.281	2269698	57297.68	81.4	38986.73	93418	1017.5199 ng/ml
Dextrophan	4.137	2265315	116549.66	202.7	1775.43	215590	1061.2689 ng/ml
Diazepam	5.967	1934991	9666.03	89.8	10567.94	95336	951.8824 ng/ml
Dihydrocodeine	2.566	1400303	30684.38	70.3	11799.29	126981	709.2980 ng/ml
Diphenhydramine	5.309	13961237	150297.56	31.9	∞	822392	1054.4621 ng/ml
Doxylamine	4.548	18887234	161399.68	96.3	364645.69	863898	949.7127 ng/ml
EDDP	5.274	6821798	85783.54	40.3	55385.12	338409	1037.5035 ng/ml
Etizolam	5.827	1381447	46502.89	27.1	49243.74	30355	1334.1223 ng/ml
Fentanyl	5.102	670918	19774.71	66.6	3293.56	360813	99.8850 ng/ml
Flualprazolam	5.712	733692	4948.85	110.4	9068.52	79303	888.0644 ng/ml
Fluoxetine	5.735	3985002	211592.30	7.3	1386553.95	134397	1067.0388 ng/ml
Hydrocodone	3.034	2305457	197.48	40.2	171.43	159553	893.7842 ng/ml
Hydromorphone	1.621	2262292	10471169.16	77.9	12888553.6	68146	1010.6422 ng/ml
Ketamine	4.063	5736738	181443.27	33.4	32750.57	292816	916.3822 ng/ml
Lamotrigine	4.299	241899	1745.16	92.6	52420.78	292816	472.7177 ng/ml

SC TS



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.664	1964615	7500.88	163.2	27875.46	560628	1027.5015 ng/ml
Lorazepam	5.761	496330	60927.97	52.1	699.73	30355	321.6727 ng/ml
MDA	3.205	4078147	1831.01	25.5	37615.91	143960	755.1917 ng/ml
MDMA	3.306	4885701	8589.55	94.0	30309.08	50773	976.4948 ng/ml
Meprobamate	4.916	917175	545.35	26.9	12378.36	54797	878.3076 ng/ml
Methadone	5.673	9958064	79158.93	56.0	46727.03	371498	1066.8797 ng/ml
Methamphetamine	3.233	9852194	12639.49	37.2	9571.47	569104	739.9682 ng/ml
Metoprolol	4.338	1122790	2707445.47	100.4	1944.55	644967	760.1062 ng/ml
Mirtazapine	4.630	11513991	120466.19	50.2	1301.66	303501	1060.8042 ng/ml
Mitragynine	5.236	1953449	2821.62	37.4	637.16	371498	953.8660 ng/ml
Morphine	1.253	312614	1039.91	26.9	1026.16	4739	983.6883 ng/ml
Norbuprenorphine	5.012	29054	426.25	94.2	94.24	13170	97.5892 ng/ml
Nordiazepam	5.914	1441866	7137.97	54.4	14001.77	56033	892.1001 ng/ml
Norfentanyl	4.097	1477323	412.58	36.1	6627.10	451914	126.2078 ng/ml
Norhydrocodone	3.082	387997	412.25	40.6	174.65	24023	1315.3314 ng/ml
Noroxycodone	2.925	1400536	1422.39	49.0	6511.73	40357	1036.1061 ng/ml
O-desmethyl-tramadol	3.386	14222864	∞	5.8	21094.77	689730	1035.8310 ng/ml
Oxazepam	5.763	675113	15330.82	71.9	4088.33	41406	946.7395 ng/ml
Oxycodone	2.836	3880436	1482.12	30.8	1918.57	189900	831.2308 ng/ml
Oxymorphone	1.411	1829310	∞	47.3	∞	64195	907.5339 ng/ml
Phentermine	3.794	2574064	∞	4.6	1476.21	499283	658.2970 ng/ml
Promethazine	5.560	12045335	118468.99	28.5	∞	455402	1077.6988 ng/ml
Pseudoephedrine	2.604	12386217	1206.81	16.3	100851.16	560628	1062.4605 ng/ml
Quetiapine	5.548	4469481	580.50	60.6	459.98	125577	593.0822 ng/ml
Sertraline	5.796	1396315	27939.28	89.5	38192.69	57138	1030.9632 ng/ml
Temazepam	5.844	2589337	13232.16	27.0	4454.67	117995	1014.5511 ng/ml
Tramadol	4.257	12316879	∞	3.2	938.32	644967	921.4592 ng/ml
Trazodone	5.121	8610605	233923.06	82.9	201303.04	278383	1135.7260 ng/ml
Venlafaxine	5.056	12050088	19475.42	30.2	67897.71	594848	1052.9993 ng/ml
Zolpidem	4.893	11549505	84460.03	27.4	8110.90	649410	892.3664 ng/ml