

Worklist: 6059

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-2628	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2716	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2728	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2756	3	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2800	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2873	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-2918	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1998	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-1999	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2009	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2024	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2048	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2053	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2080	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2081	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2082	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2083	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2084	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2098	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2121	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-2124	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6059

CS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2022-2154	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-2162	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2022-2185	1	CSGEN *	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



*Listed as CS General but it is a blood collection kit. This was corrected in LIMS by CS.

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

Extraction Date: ~~08/01/2022~~ 08/05/2022

Plate lot#: 220324

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

Blank Blood Lot: Lampire 22B52015-1

LCMS-QQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 09/24/2022

Mobile phase B: 0.01% Formic Acid in MeOH

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Pipette **250µL blood (calibrated pipette) or 250µL hydrolyzed urine** in wells of analytical (standards) plate.
Pipette ID: #42
- 3. Place on shaking incubator at ambient temp., 900rpm for 15 minutes. (SKIPPED PER DEVIATION)
- 4. Pipette **250µL 0.5 M ammonium hydroxide** in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent).
(Load at 85-100 PSI- Selector to the right)
- 8. Wait 5 minutes.
- 9. Add **900uL ethyl acetate**.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add **900uL ethyl acetate**.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate.
- 16. Add 50 ul 1% HCl in MeOH to all wells with samples.
- 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 18. Reconstitute in **100µL 20% MeOH** and heat seal plate with foil.

Post-Analytic

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

Curve limits: 7-aminoclonazepam 5-500, alpha-hydroxyalprazolam 5-250, Amphetamine 5-250, Clonazolam 5-250, Codeine 5-500, Dihydrocodeine 5-500, Lamotrigine 5-250, Lorazepam 5-100, MDA 5-500, Meprobamate 5-250, Methamphetamine 5-500, Norfentanyl 0.5-50, Phentermine 5-500.

A sample from a previous batch (M2022-2628-2) was included in this run.

P2022-2185-1 and M2022-2628-2 were reinjected on 8/8/22 due to an issue with the blanks run before them. Oxycodone and quetiapine can be reported qualitatively only for reinjects.

**Idaho State Police
Forensic Services**

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



	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2022-2756-3	P2022-2048-1			P2022-2162-1					
B	IS + Cal. 2	IS + QC_2	M2022-2800-3	P2022-2053-3			P2022-2185-1					
C	IS + Cal. 3	IS + QC_3	M2022-2873-2	P2022-2080-1			M2022-2628-2					
D	IS + Cal. 4	IS + QC_4	M2022-2918-2	P2022-2081-1								
E	IS + Cal. 5	IS + QC_2	P2022-1998-1	P2022-2082-1								
F	IS + Cal. 6	Blood NEG	P2022-1999-1	P2022-2083-1		P2022-2121-1						
G	IS + Cal. 7	M2022-2716-3	P2022-2009-1	P2022-2084-1		P2022-2124-1						
H	IS + Cal. 8	M2022-2728-3	P2022-2024-1	P2022-2098-1		P2022-2154-1						

CS

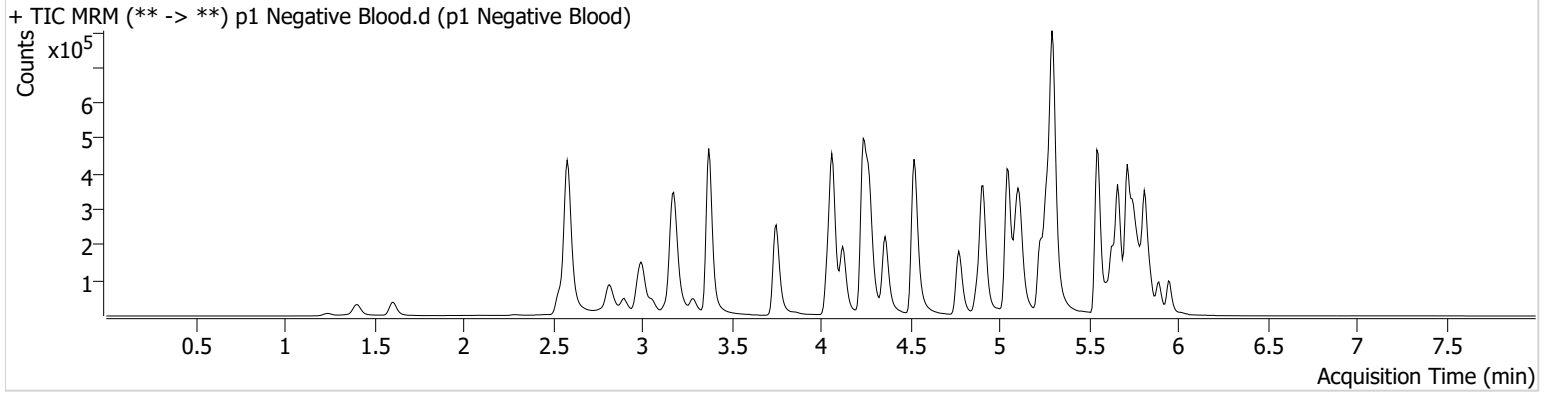


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F2	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 10:19:10 PM		
Sample Info.			

Sample Chromatogram



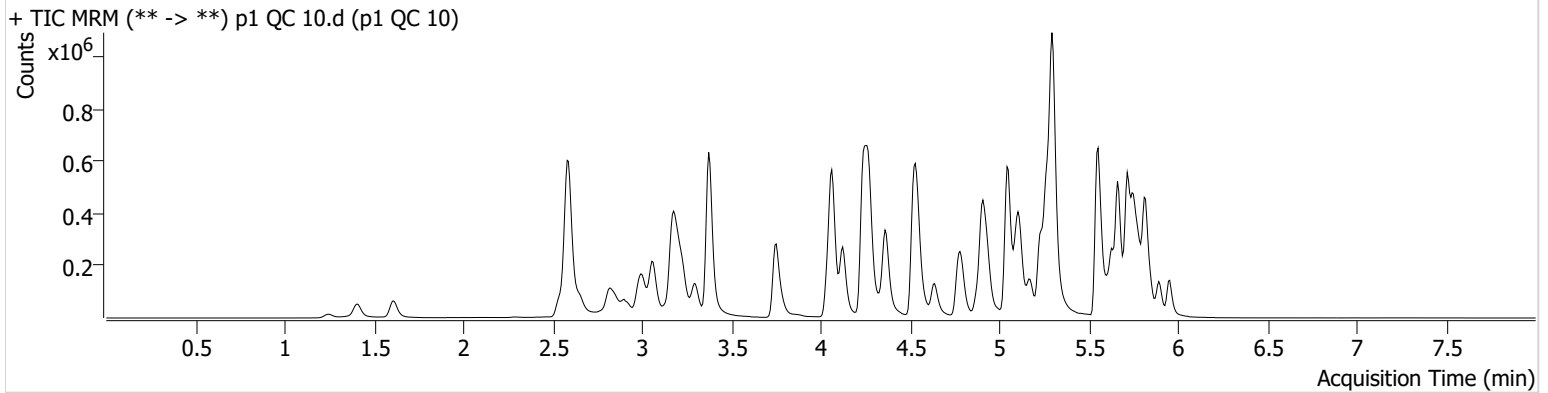
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A2	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 8:54:10 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	2324	25.92	69.0	3224.09	61493	0.9720 ng/ml
7-aminoclonazepam	4.263	33897	491.00	68.4	469.73	123065	10.4344 ng/ml
a-hydroxyalprazolam	5.692	23280	470.73	64.8	7934.84	242978	11.1122 ng/ml
alpha-PHP	4.936	45474	1309.66	263.6	339.67	620428	10.3047 ng/ml
alpha-PVP	4.368	165443	16262.40	50.6	1762.83	620428	9.9480 ng/ml
Alprazolam	5.776	72892	406.12	103.2	408.01	242978	10.0601 ng/ml
Amphetamine	3.065	325514	535.69	46.5	1163.23	332810	10.4319 ng/ml
Benzoylcegonine	3.884	2814	271.57	9.5	683.52	9321	9.5989 ng/ml
Buprenorphine	5.860	3985	7070.07	14.8	24.72	141721	0.9799 ng/ml
Bupropion	4.794	156523	1757.07	69.2	314.79	549715	9.6619 ng/ml
Carisoprodol	5.724	77833	834.38	63.3	167.12	365002	9.8445 ng/ml
Citalopram	5.232	133145	4980.22	33.2	490.84	578558	10.1684 ng/ml
Clonazepam	5.612	67813	1907.28	36.0	569.30	95700	9.9399 ng/ml
Clonazepam	5.549	49197	7099.58	38.0	22634.60	95700	10.0532 ng/ml
Cocaine	4.269	104368	580.36	56.9	1474.97	867067	10.0640 ng/ml
Codeine	2.594	13171	1348.48	102.0	143.10	61015	10.6005 ng/ml
Cyclobenzaprine	5.635	89749	274.37	9.1	884.45	373858	9.7136 ng/ml
Dextromethorphan	5.275	71215	160.73	82.3	356.04	286009	10.4043 ng/ml
Dextrophan	4.123	45687	498.94	195.2	518.41	454089	10.0777 ng/ml
Diazepam	5.954	46432	1071.90	88.5	1577.78	201459	10.5172 ng/ml
Dihydrocodeine	2.573	31615	5531.43	70.7	1751.50	184898	10.4792 ng/ml
Diphenhydramine	5.302	333160	3952.71	31.7	241.04	1946515	10.3909 ng/ml
Doxylamine	4.542	312257	1836.91	97.6	3567.65	1388381	9.9106 ng/ml
EDDP	5.267	126995	239.96	41.7	3001.61	701441	9.2850 ng/ml
Etizolam	5.814	41316	40670.38	26.4	8659.13	95700	9.8892 ng/ml
Fentanyl	5.109	10810	193.04	60.6	579.08	564545	1.0086 ng/ml
Flualprazolam	5.706	28132	2444.97	105.7	4571.62	242978	10.4702 ng/ml
Fluoxetine	5.721	118763	2832.47	7.6	147.33	446913	9.7820 ng/ml
Hydrocodone	3.034	49174	2711.28	37.7	37.57	269499	10.6320 ng/ml
Hydromorphone	1.615	43840	155912.70	79.2	980.99	141298	10.2278 ng/ml
Ketamine	4.056	115666	4074.00	33.4	473.92	479695	10.3135 ng/ml
Lamotrigine	4.285	9842	385.66	85.0	463.20	479695	10.3638 ng/ml
Levetiracetam	2.658	44592	657.42	165.9	378.57	1454843	9.3705 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	66741	3860.47	56.3	45.14	95700	10.2099 ng/ml
MDA	3.205	199776	574.73	30.1	867.99	419652	11.5058 ng/ml
MDMA	3.299	113064	507.54	90.7	947.05	110825	10.2422 ng/ml
Meprobamate	4.903	43838	2343.81	28.6	189.00	227379	10.3115 ng/ml
Methadone	5.666	176132	7662.95	64.4	267.55	749617	9.7678 ng/ml
Methamphetamine	3.233	221092	415.06	39.6	411.25	850351	10.3447 ng/ml
Metoprolol	4.331	32172	26285.81	96.5	1767.85	1265532	10.5130 ng/ml
Mirtazapine	4.636	201492	1900.68	57.0	2932.38	620428	9.7267 ng/ml
Mitragynine	5.243	42802	344.29	35.6	755.14	749617	10.1457 ng/ml
Morphine	1.253	7184	339.43	31.0	853.44	8401	10.4848 ng/ml
Norbuprenorphine	4.998	624	85.57	95.7	36.79	21410	1.0563 ng/ml
Nordiazepam	5.900	51588	1378.97	54.9	275.68	170259	10.1716 ng/ml
Norfentanyl	4.090	26994	44.77	35.6	67.81	1109514	0.9846 ng/ml
Norhydrocodone	3.082	7654	236.33	39.6	47.99	72709	9.1943 ng/ml
Noroxycodone	2.925	50039	310.34	47.2	180.05	138743	10.5649 ng/ml
O-desmethyl-tramadol	3.379	258660	691.88	6.0	600.65	1337832	9.8256 ng/ml
Oxazepam	5.756	83789	1150.48	72.7	481.10	474300	9.9205 ng/ml
Oxycodone	2.850	87392	1575.65	31.9	505.71	329301	9.8858 ng/ml
Oxymorphone	1.411	42562	805.96	47.8	120.31	128204	10.3189 ng/ml
Phentermine	3.787	68650	1276.33	5.4	123.20	783226	10.5406 ng/ml
Promethazine	5.552	228928	1171.23	30.9	1655.91	979032	9.8642 ng/ml
Pseudoephedrine	2.597	296839	3923.68	17.2	423.72	1454843	9.9558 ng/ml
Quetiapine	5.569	139040	4077.65	58.8	3261.23	195339	9.5478 ng/ml
Sertraline	5.790	36032	296.13	93.1	2159.90	148267	10.0817 ng/ml
Temazepam	5.817	138525	537.17	27.0	∞	659177	9.7499 ng/ml
Tramadol	4.251	273509	1431.53	3.5	104.95	1265532	9.9079 ng/ml
Trazodone	5.168	145019	5838.90	80.6	2702.93	578983	10.4873 ng/ml
Venlafaxine	5.050	238107	387.36	31.3	267.62	1197355	10.2391 ng/ml
Zolpidem	4.927	206566	1427.29	30.8	709.35	988913	10.6921 ng/ml

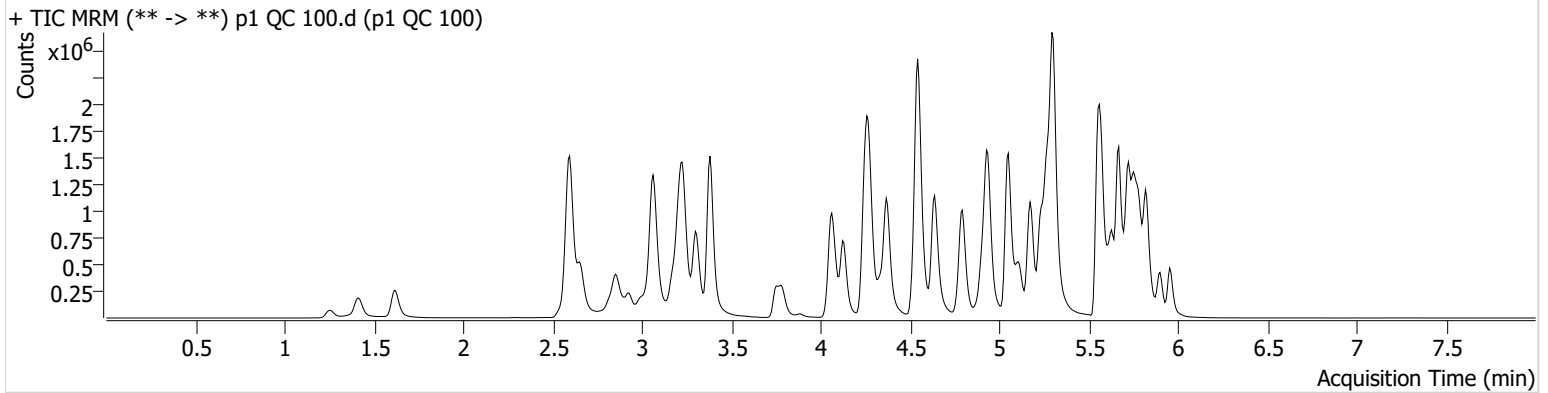
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/6/2022 7:20:57 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	22064	12767.25	70.2	40086.11	56966	9.7120 ng/ml
7-aminoclonazepam	4.263	295799	12777.38	68.5	931.27	111102	107.1018 ng/ml
a-hydroxyalprazolam	5.692	165834	597.70	68.3	1430.90	209544	100.2023 ng/ml
alpha-PHP	4.943	391812	12094.36	259.6	4727.67	568651	104.2085 ng/ml
alpha-PVP	4.375	1505492	34043.94	52.0	15203.66	568651	97.3843 ng/ml
Alprazolam	5.776	637037	1144.43	105.0	2635.51	209544	101.8480 ng/ml
Amphetamine	3.065	2665738	1085.47	45.8	439.52	317288	97.7647 ng/ml
Benzoylcegonine	3.884	27054	2299.17	7.6	236.65	9454	97.5787 ng/ml
Buprenorphine	5.867	39265	764.89	15.6	13927.00	134402	9.9509 ng/ml
Bupropion	4.794	1457707	640.87	68.6	9086.04	516037	97.4218 ng/ml
Carisoprodol	5.724	595277	558.24	65.1	565.27	276514	96.0424 ng/ml
Citalopram	5.232	1179092	10555.72	32.5	∞	513243	101.4452 ng/ml
Clonazepam	5.612	565395	23044.82	35.6	77780.44	83386	104.0835 ng/ml
Clonazepam	5.549	392953	795921.30	36.7	203274.57	83386	101.2952 ng/ml
Cocaine	4.269	929403	3649.54	57.9	956.91	781355	98.7348 ng/ml
Codeine	2.594	110990	8846.11	99.7	5963.69	56484	104.7571 ng/ml
Cyclobenzaprine	5.635	814599	39199.13	8.1	1234.42	325044	96.3298 ng/ml
Dextromethorphan	5.275	600375	31447.15	84.0	415386.20	250084	100.5455 ng/ml
Dextrophan	4.130	424487	920.10	198.0	35728.69	423679	99.7476 ng/ml
Diazepam	5.954	410071	3336.38	89.1	1008.70	182864	103.9300 ng/ml
Dihydrocodeine	2.573	296495	∞	70.7	221.12	178228	110.4184 ng/ml
Diphenhydramine	5.302	3029992	81118.11	32.3	89191.67	1709445	104.2697 ng/ml
Doxylamine	4.542	3081045	170263.46	96.8	143927.22	1339395	101.5039 ng/ml
EDDP	5.267	1120113	109249.99	40.8	10199.57	591865	97.1513 ng/ml
Etizolam	5.820	351003	4168.03	26.4	95775.33	83386	93.0093 ng/ml
Fentanyl	5.109	107352	10974.24	61.5	4785.23	541315	10.3768 ng/ml
Flualprazolam	5.706	245601	627.18	103.0	2827.67	209544	110.8399 ng/ml
Fluoxetine	5.721	908056	72408.24	7.9	94750.81	337172	96.1259 ng/ml
Hydrocodone	3.034	436779	152.98	39.5	493.19	255482	106.4488 ng/ml
Hydromorphone	1.621	413950	818.29	79.9	945773.02	131921	100.6282 ng/ml
Ketamine	4.056	1050860	14244.70	33.3	545.82	449584	106.0487 ng/ml
Lamotrigine	4.285	82722	3893.96	91.8	20722.80	449584	108.5410 ng/ml
Levetiracetam	2.658	403629	3900.46	165.2	1494.29	1301080	90.8579 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	441709	12548.93	55.5	538.56	83386	85.4268 ng/ml
MDA	3.205	1536358	3074.93	29.1	3872.58	364143	112.1506 ng/ml
MDMA	3.299	1021304	6611.32	91.1	2375.53	100870	101.7382 ng/ml
Meprobamate	4.903	360006	430.12	29.3	9664.82	207183	99.7827 ng/ml
Methadone	5.666	1607675	636.07	63.3	548.93	686566	94.6495 ng/ml
Methamphetamine	3.233	1998359	1471.49	38.5	1015.08	829264	104.8264 ng/ml
Metoprolol	4.331	293984	444338.33	98.2	6579.61	1197024	109.7287 ng/ml
Mirtazapine	4.636	1938535	1047.77	55.5	44418.83	568651	98.3140 ng/ml
Mitragynine	5.243	375775	293681.20	36.3	2255.63	686566	103.3082 ng/ml
Morphine	1.253	69848	7111.29	30.4	1428.75	8196	106.3956 ng/ml
Norbuprenorphine	4.998	4660	550.32	94.9	9596.87	20090	9.9404 ng/ml
Nordiazepam	5.900	442867	6310.28	53.1	1624.82	148697	101.7064 ng/ml
Norfentanyl	4.090	256228	114556.23	36.1	399.93	991773	9.7518 ng/ml
Norhydrocodone	3.082	61371	717.01	40.3	301.61	53217	87.9481 ng/ml
Noroxycodone	2.925	401276	862.51	49.9	3351.18	120260	98.0006 ng/ml
O-desmethyl-tramadol	3.379	2475765	133866.29	6.1	428.00	1269210	96.8997 ng/ml
Oxazepam	5.756	621374	8657.53	70.9	1645.93	347356	103.2215 ng/ml
Oxycodone	2.850	828044	1812.66	31.2	2783.46	317839	107.9481 ng/ml
Oxymorphone	1.411	391838	296.25	48.9	∞	118674	104.0891 ng/ml
Phentermine	3.787	609985	∞	5.3	140.08	750350	106.1637 ng/ml
Promethazine	5.552	2046600	750.99	31.3	10461.88	859686	98.4196 ng/ml
Pseudoephedrine	2.597	2689198	20380.56	17.1	7667.79	1301080	97.8088 ng/ml
Quetiapine	5.569	1275038	442.10	58.3	580.01	174903	99.7485 ng/ml
Sertraline	5.790	277339	1934.82	92.9	506.62	113568	100.1794 ng/ml
Temazepam	5.824	1098612	3398.68	26.1	483.66	521644	96.5569 ng/ml
Tramadol	4.251	2533757	∞	3.5	535.55	1197024	100.5041 ng/ml
Trazodone	5.168	1349426	260047.44	82.0	68444.04	554682	106.3764 ng/ml
Venlafaxine	5.050	2216289	1933.07	31.5	∞	1122842	100.1496 ng/ml
Zolpidem	4.927	1939728	498211.15	29.4	1757.90	924254	112.1074 ng/ml

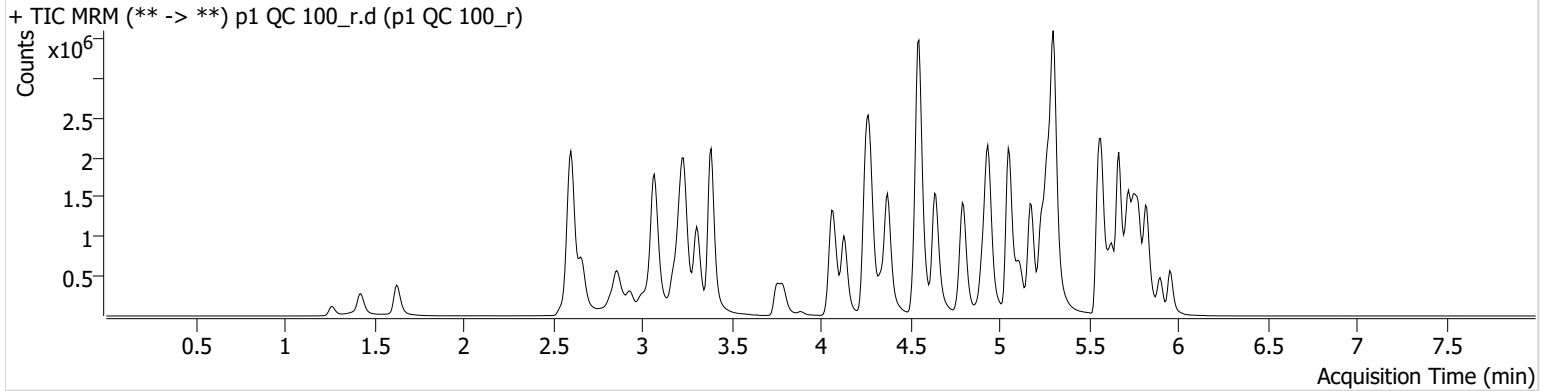
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 QC 100_r.d
Type	QC	Sample	p1 QC 100_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/8/2022 10:30:46 AM		
Sample Info.			QC sample used to bracket reinjections.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	32875	3026.74	70.4	24700.48	86115	9.5727 ng/ml
7-aminoclonazepam	4.270	378907	2959.66	71.9	4309.74	151133	100.8130 ng/ml
a-hydroxyalprazolam	5.699	208762	451.22	66.3	429.71	283133	93.2758 ng/ml
alpha-PHP	4.943	536253	1006.15	257.4	1314.08	781796	103.7361 ng/ml
alpha-PVP	4.375	2134658	2192.47	51.5	20399.15	781796	100.4315 ng/ml
Alprazolam	5.776	853152	1229.99	106.7	982.41	283133	100.9481 ng/ml
Amphetamine	3.071	3614876	832.99	45.4	975.67	443122	94.8955 ng/ml
Benzoylecgonine	3.890	39447	909.76	8.8	177.38	13217	101.8126 ng/ml
Buprenorphine	5.867	53689	3623.71	15.6	7252.65	178922	10.2201 ng/ml
Bupropion	4.800	2065920	101813.18	68.8	42208.22	731826	97.3581 ng/ml
Carisoprodol	5.731	806867	19869.67	63.8	377.72	369031	97.5384 ng/ml
Citalopram	5.232	1544467	1491.83	33.5	36214.54	674193	101.1584 ng/ml
Clonazepam	5.612	730585	4360.42	34.2	10818.60	104013	107.8596 ng/ml
Clonazepam	5.556	521376	3317.37	38.3	16487.99	104013	107.8183 ng/ml
Cocaine	4.276	1285800	134932.29	58.2	15089.29	1074544	99.3257 ng/ml
Codeine	2.608	148399	137.55	98.6	11981.64	77824	101.6284 ng/ml
Cyclobenzaprine	5.635	819256	655.90	8.3	2180.11	324216	97.1236 ng/ml
Dextromethorphan	5.281	762729	240.95	82.0	24261.37	308954	103.3965 ng/ml
Dextrophan	4.130	599120	10284.06	197.7	24210.58	592178	100.7243 ng/ml
Diazepam	5.960	509977	581.70	89.3	922.32	227906	103.7059 ng/ml
Dihydrocodeine	2.579	406473	428.83	71.0	11204.40	259637	103.8550 ng/ml
Diphenhydramine	5.302	4163193	88681.36	32.1	492.59	2316720	105.7071 ng/ml
Doxylamine	4.548	4516995	125770.36	96.8	60416.84	1887001	105.6266 ng/ml
EDDP	5.267	1595495	17598.88	40.2	1170.10	840783	97.4139 ng/ml
Etizolam	5.820	431066	6408.78	27.0	241427.99	104013	91.5786 ng/ml
Fentanyl	5.116	133221	2025.07	62.7	7097.81	684976	10.1766 ng/ml
Flualprazolam	5.706	338757	5083.59	106.5	6077.68	283133	113.1570 ng/ml
Fluoxetine	5.721	634090	8781.83	7.9	292.69	235232	96.2125 ng/ml
Hydrocodone	3.034	618345	∞	39.4	1249.81	366786	104.9568 ng/ml
Hydromorphone	1.628	562264	5775.13	78.7	4161.21	178071	101.2568 ng/ml
Ketamine	4.063	1460754	1186.91	33.9	1190.03	641649	103.2700 ng/ml
Lamotrigine	4.292	111448	1769.48	91.8	39434.36	641649	102.3508 ng/ml
Levetiracetam	2.664	562771	4274.91	165.0	1409.51	1793287	91.9058 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	490201	3302.74	54.1	2021.14	104013	75.8726 ng/ml
MDA	3.212	1976545	2332.39	29.0	1909.29	492007	106.7246 ng/ml
MDMA	3.306	1423660	5542.43	92.4	1942.94	142164	100.6255 ng/ml
Meprobamate	4.910	449650	18599.86	28.4	3026.18	258376	99.9373 ng/ml
Methadone	5.666	2152703	1027.85	60.4	1234.73	899494	96.7294 ng/ml
Methamphetamine	3.240	2847497	5338.16	38.0	754.32	1180186	104.9562 ng/ml
Metoprolol	4.338	402422	94157.09	98.3	3812.16	1700877	105.6735 ng/ml
Mirtazapine	4.643	2673819	94526.85	53.6	5582.22	781796	98.6324 ng/ml
Mitragynine	5.243	457175	1931446.25	36.7	1994.47	899494	95.8838 ng/ml
Morphine	1.267	95090	337.94	29.4	6916.27	12794	92.7638 ng/ml
Norbuprenorphine	5.005	6441	12961.54	91.9	3217.44	27780	9.9368 ng/ml
Nordiazepam	5.900	498261	1506.49	53.4	1690.37	164977	103.1387 ng/ml
Norfentanyl	4.090	356274	927.41	36.3	2969.41	1372517	9.7976 ng/ml
Norhydrocodone	3.089	93806	263.98	38.8	144.39	72591	98.3953 ng/ml
Noroxycodone	2.932	538249	4230.05	48.8	626.61	162786	97.1112 ng/ml
O-desmethyl-tramadol	3.386	3503053	1255.07	6.1	5852.57	1800418	96.6547 ng/ml
Oxazepam	5.756	719390	7602.49	71.6	7724.90	415540	99.8853 ng/ml
Oxycodone	2.856	1198566	2791.26	31.0	582.75	463822	107.0629 ng/ml
Oxymorphone	1.425	544445	∞	46.0	∞	164469	104.3577 ng/ml
Phentermine	3.794	837000	1131.83	5.3	544.49	1052825	103.7998 ng/ml
Promethazine	5.552	1973883	5282.68	30.9	2518.93	842627	96.8480 ng/ml
Pseudoephedrine	2.604	3730394	60191.35	17.1	66430.27	1793287	98.4362 ng/ml
Quetiapine	5.569	1706793	32972.17	59.8	89313.36	249463	93.6038 ng/ml
Sertraline	5.790	126673	2399.31	95.1	14917.66	52903	98.2294 ng/ml
Temazepam	5.824	1379848	1796.04	27.0	955.66	664790	95.1629 ng/ml
Tramadol	4.257	3458180	∞	3.4	346.27	1700877	96.5221 ng/ml
Trazodone	5.175	1787107	1133.09	82.8	2252.39	743721	105.0642 ng/ml
Venlafaxine	5.050	3134418	109933.94	31.0	14954.29	1561142	101.8695 ng/ml
Zolpidem	4.934	2745220	194540.44	28.8	44103.01	1342592	109.2106 ng/ml

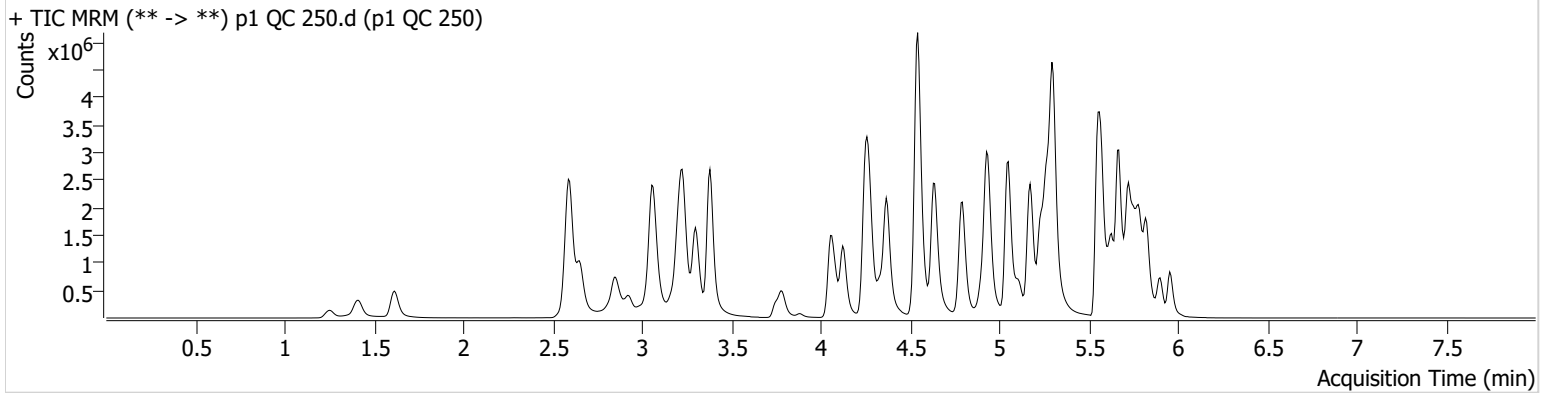
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C2	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 9:15:25 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.147	51604	152298.92	68.9	1612.52	51964	24.8587 ng/ml
7-aminoclonazepam	4.263	513978	13182.70	66.7	318.46	84060	246.9012 ng/ml
a-hydroxyalprazolam	5.692	276190	6101.73	67.3	438.06	164786	213.5052 ng/ml
alpha-PHP	4.936	813035	23293.20	260.8	10738.29	487618	253.4138 ng/ml
alpha-PVP	4.368	3364122	60899.92	51.5	35207.82	487618	253.5259 ng/ml
Alprazolam	5.776	1273362	∞	103.2	915.61	164786	258.8604 ng/ml
Amphetamine	3.065	5108317	776.11	45.8	19543.85	285712	209.2615 ng/ml
Benzoylecgonine	3.884	63260	4515.07	8.4	11629.84	9131	237.3659 ng/ml
Buprenorphine	5.867	92147	2299.60	15.2	25468.12	124187	25.2360 ng/ml
Bupropion	4.794	3303172	744.61	68.8	46196.91	466851	244.2812 ng/ml
Carisoprodol	5.724	1008573	62738.40	64.7	1564.15	179804	249.6566 ng/ml
Citalopram	5.232	2450333	48664.11	32.9	36878.69	426960	253.4120 ng/ml
Clonazepam	5.612	1065354	44581.61	34.7	423901.07	63979	257.1332 ng/ml
Clonazepam	5.549	644761	47003.21	37.4	330828.90	63979	217.8947 ng/ml
Cocaine	4.269	1959143	45841.28	57.7	59148.80	654314	248.4167 ng/ml
Codeine	2.594	205091	188.10	99.4	15799.69	45300	242.6967 ng/ml
Cyclobenzaprine	5.635	1838713	74218.81	7.9	185.47	283031	248.8554 ng/ml
Dextromethorphan	5.275	1225305	11303.50	82.1	919.56	201327	254.9401 ng/ml
Dextrophan	4.123	924885	25898.91	199.8	23721.26	361201	254.8204 ng/ml
Diazepam	5.954	857123	680.86	88.0	14031.32	147655	269.3235 ng/ml
Dihydrocodeine	2.566	615346	390.22	71.7	8034.34	167585	244.8872 ng/ml
Diphenhydramine	5.302	6510822	393487.02	31.6	42330.20	1447363	264.0757 ng/ml
Doxylamine	4.542	7126271	189205.64	95.8	193471.26	1201629	261.7128 ng/ml
EDDP	5.267	2426258	3613.11	41.4	363.07	523556	237.9084 ng/ml
Etizolam	5.820	701681	15604.43	26.8	13775.21	63979	241.7044 ng/ml
Fentanyl	5.109	252737	11491.00	63.8	136148.76	528082	25.0315 ng/ml
Flualprazolam	5.706	450502	12574.23	108.6	29117.74	164786	259.2420 ng/ml
Fluoxetine	5.721	2047061	381830.19	7.6	7950.77	287790	253.3424 ng/ml
Hydrocodone	3.027	898833	∞	39.6	571.11	236122	238.0187 ng/ml
Hydromorphone	1.615	907076	4153385.88	79.9	3752226.66	115417	251.5707 ng/ml
Ketamine	4.056	2319401	84733.89	32.9	1078.32	409325	258.0808 ng/ml
Lamotrigine	4.285	162073	1970.79	90.4	779.67	409325	235.8283 ng/ml
Levetiracetam	2.658	848105	2001.84	167.7	8141.71	1061396	233.3341 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	605536	910.36	54.9	818.09	63979	153.5732 ng/ml*
MDA	3.205	2779563	4015.00	28.6	2442.43	289456	256.9066 ng/ml
MDMA	3.299	2206108	4845.21	90.3	59856.64	86371	256.6704 ng/ml
Meprobamate	4.903	668027	29978.88	28.7	20850.84	178213	216.2443 ng/ml
Methadone	5.666	3676196	2872.22	61.7	792.95	592587	250.2590 ng/ml
Methamphetamine	3.233	4313118	1792.83	37.5	993.79	773921	243.8496 ng/ml
Metoprolol	4.331	603464	3974.10	98.1	780.81	1000742	270.7911 ng/ml
Mirtazapine	4.636	4294671	7040.93	55.3	5630.34	487618	253.3706 ng/ml
Mitragynine	5.243	794768	68339.98	36.9	272247.69	592587	254.1727 ng/ml
Morphine	1.253	149873	1004.05	31.1	439.89	7353	254.7548 ng/ml
Norbuprenorphine	5.005	10689	692.46	92.5	4847.35	18475	25.1240 ng/ml
Nordiazepam	5.900	878111	24233.22	52.8	745.94	118638	253.0453 ng/ml
Norfentanyl	4.090	561069	27250.97	36.2	3264.59	829322	25.4180 ng/ml
Norhydrocodone	3.075	136129	170.50	40.0	217.49	40678	252.7730 ng/ml
Noroxycodone	2.925	757763	3485.18	49.3	3066.89	94072	236.6230 ng/ml
O-desmethyl-tramadol	3.379	5592077	64627.16	6.0	1389.40	1100479	252.0342 ng/ml
Oxazepam	5.756	948085	2768.70	68.1	901.88	222111	246.7234 ng/ml
Oxycodone	2.843	1739748	2979.85	31.0	1802.14	278879	260.2117 ng/ml
Oxymorphone	1.411	806033	∞	50.3	∞	104403	243.6021 ng/ml
Phentermine	3.787	1241505	∞	5.2	181.05	686444	237.4350 ng/ml
Promethazine	5.552	4816291	2294.27	30.2	122905.57	785266	253.2176 ng/ml
Pseudoephedrine	2.597	5593692	4804.08	16.9	1162.60	1061396	248.8739 ng/ml
Quetiapine	5.569	2622820	67247.03	59.9	32641.38	151283	237.5157 ng/ml
Sertraline	5.790	671281	627.51	91.3	1036.83	105699	260.3313 ng/ml
Temazepam	5.824	1916240	882.79	26.9	342.32	368043	238.5180 ng/ml
Tramadol	4.251	5427719	∞	3.4	486.21	1000742	258.1395 ng/ml
Trazodone	5.168	3106782	677.04	82.1	1526.10	509811	267.2461 ng/ml
Venlafaxine	5.050	5060504	78040.88	30.2	1093.20	976391	262.7038 ng/ml
Zolpidem	4.927	4127512	446183.17	28.9	41789.90	826949	267.3338 ng/ml

*Outside curve range.

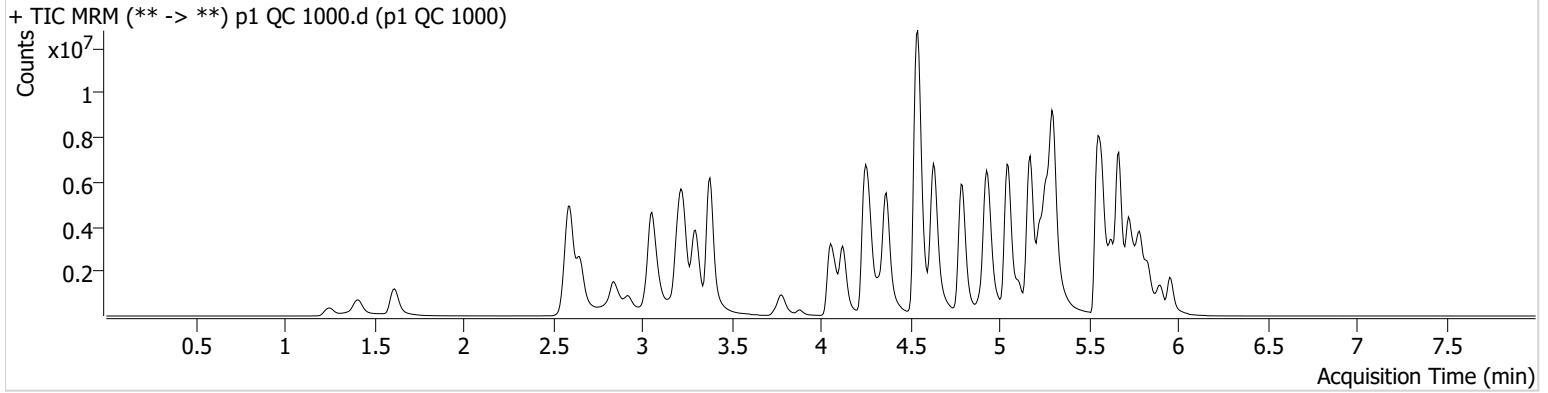


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument Falco (069901) Data File p1 QC 1000.d
Type QC Sample p1 QC 1000
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P6-D2 Comment
Injection Volume 2
Acq. Date-Time 8/5/2022 9:36:40 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	177170	953.60	68.4	910.95	42942	103.1908 ng/ml
7-aminoclonazepam	4.263	789530	2640.06	67.8	1904.42	45507	701.9015 ng/ml*
a-hydroxyalprazolam	5.692	371385	828.55	65.1	128.86	96465	491.9321 ng/ml*
alpha-PHP	4.943	2003363	76783.06	262.5	139137.57	352703	865.3812 ng/ml
alpha-PVP	4.368	10132787	4445.47	50.6	131328.00	352703	1055.2331 ng/ml
Alprazolam	5.776	2814120	1627.57	102.5	609.95	96465	977.2235 ng/ml
Amphetamine	3.058	10747585	131035.92	45.3	140571.37	233104	541.3327 ng/ml*
Benzoylcegonine	3.884	240792	12840.11	8.1	178.09	8031	1029.8074 ng/ml
Buprenorphine	5.867	330651	23977.66	15.5	125139.94	103647	108.4190 ng/ml
Bupropion	4.787	10428089	435135.99	67.5	64354.79	384679	936.4273 ng/ml
Carisoprodol	5.731	1447306	46656.93	64.2	3369.76	59143	1087.9346 ng/ml
Citalopram	5.225	5645941	77449.91	31.9	41710.95	239981	1038.8199 ng/ml
Clonazepam	5.605	1813560	28382.95	35.4	1742.14	32411	866.5409 ng/ml
Clonazepam	5.549	818545	54720.81	39.4	405294.88	32411	547.7485 ng/ml*
Cocaine	4.269	4963643	1377.56	57.1	72346.89	405719	1014.7733 ng/ml
Codeine	2.594	444862	9641.50	94.9	21685.95	31861	750.5958 ng/ml*
Cyclobenzaprine	5.635	4880711	58244.56	7.8	811.43	178173	1047.5932 ng/ml
Dextromethorphan	5.275	2597850	40656.02	82.2	52044.78	104553	1040.9003 ng/ml
Dextrophan	4.123	2660021	∞	203.6	179515.68	247001	1071.5058 ng/ml
Diazepam	5.954	2209452	9724.32	88.4	645.96	100837	1017.1013 ng/ml
Dihydrocodeine	2.559	1601636	14722.81	73.2	17321.92	150521	711.4984 ng/ml*
Diphenhydramine	5.302	16339883	577657.71	32.3	30071.90	860185	1113.9844 ng/ml
Doxylamine	4.543	21014878	95324.69	95.3	280860.05	964272	961.7866 ng/ml
EDDP	5.261	7338812	217888.92	40.3	50797.93	370080	1018.0753 ng/ml
Etizolam	5.820	1708082	25660.50	26.5	1064.47	32411	1159.9824 ng/ml
Fentanyl	5.109	976192	3247.39	63.2	815120.89	491842	103.7839 ng/ml
Flualprazolam	5.706	879759	6530.86	111.9	6446.16	96465	866.0577 ng/ml
Fluoxetine	5.721	4765223	12025.87	7.5	4827.30	152242	1113.6943 ng/ml
Hydrocodone	3.027	2522450	∞	42.9	515.48	184125	858.7238 ng/ml
Hydromorphone	1.615	2677577	15018405.28	80.5	18393583.3	84764	1010.2146 ng/ml
Ketamine	4.056	6673947	∞	32.0	18788.68	320370	950.6791 ng/ml
Lamotrigine	4.292	313490	21984.22	88.7	6022.99	320370	585.6874 ng/ml*



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Levetiracetam	2.658	2215065	16373.16	169.6	3616.11	610361	1058.2083 ng/ml
Lorazepam	5.747	668440	17658.08	55.5	2184.18	32411	336.0578 ng/ml*
MDA	3.199	5115371	5189.17	26.8	607.90	185390	740.6247 ng/ml*
MDMA	3.299	5912496	2784.99	91.6	2016.36	58061	1023.3318 ng/ml
Meprobamate	4.896	1281660	95953.07	28.0	14110.84	118842	623.7522 ng/ml*
Methadone	5.666	10711217	306317.30	58.5	130251.78	404966	1066.0157 ng/ml
Methamphetamine	3.227	11747185	30114.28	36.6	1709.80	706668	729.4992 ng/ml*
Metoprolol	4.331	1364178	115270.92	101.5	62386.89	754216	814.1169 ng/ml
Mirtazapine	4.630	13006200	402359.44	53.2	179640.45	352703	1059.5634 ng/ml
Mitragynine	5.236	1924197	3323039.40	37.5	36759.04	404966	902.2676 ng/ml
Morphine	1.253	442457	∞	30.8	∞	5830	949.0904 ng/ml
Norbuprenorphine	4.998	37833	84264.52	90.8	34937.50	16478	100.3548 ng/ml
Nordiazepam	5.900	1775852	5477.57	52.4	8619.10	61795	983.0543 ng/ml
Norfentanyl	4.084	1712359	21490.04	36.1	12292.97	487845	131.5679 ng/ml*
Norhydrocodone	3.075	436061	∞	40.3	745.59	27395	1197.4851 ng/ml
Noroxycodone	2.918	1668010	9930.67	49.3	14445.91	49683	986.3217 ng/ml
O-desmethyl-tramadol	3.379	16384383	∞	5.9	648.30	786745	1032.1531 ng/ml
Oxazepam	5.750	984875	35592.54	72.0	11203.85	58503	973.9388 ng/ml
Oxycodone	2.836	4429941	691.78	30.9	364.99	225705	821.3338 ng/ml
Oxymorphone	1.405	2200000	3569.06	50.8	∞	77420	897.0604 ng/ml
Phentermine	3.780	3092012	∞	4.9	4481.31	575777	706.9972 ng/ml*
Promethazine	5.545	13933967	4057.41	29.7	49301.72	544845	1055.1503 ng/ml
Pseudoephedrine	2.597	14192483	131734.90	16.4	27662.13	610361	1096.9322 ng/ml
Quetiapine	5.569	6340093	179619.12	59.9	751.96	93301	931.5645 ng/ml
Sertraline	5.790	1622069	362.92	90.3	482867.08	61886	1074.0124 ng/ml
Temazepam	5.831	2919936	33074.47	27.2	3889.17	137395	973.1866 ng/ml
Tramadol	4.244	14463362	1110.92	3.3	∞	754216	913.7085 ng/ml
Trazodone	5.168	9655418	420169.30	82.9	1718.59	488134	868.6089 ng/ml
Venlafaxine	5.043	14956165	494596.21	29.5	14323.38	686971	1102.9837 ng/ml
Zolpidem	4.927	10943559	6560.92	27.7	167166.58	662314	886.1862 ng/ml

*Outside curve range.

AM #28 Multi-Drug Quant. Results

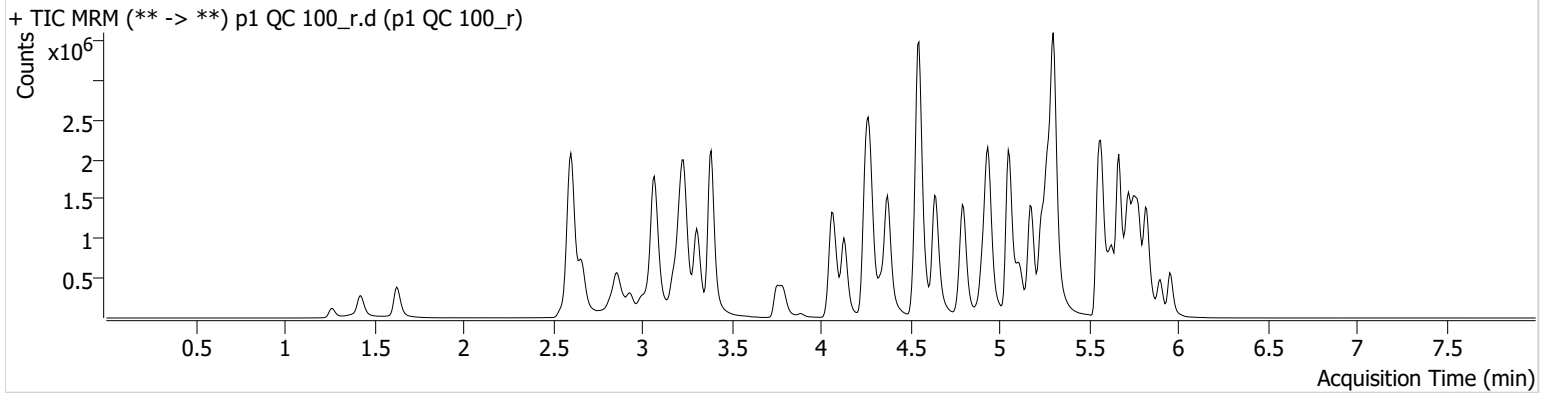


Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 QC 100_r.d
Type	QC	Sample	p1 QC 100_r
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B2	Comment	
Injection Volume	2		
Acq. Date-Time	8/8/2022 10:30:46 AM		

QC sample used to bracket reinjections.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.154	32875	3026.74	70.4	24700.48	86115	9.5727 ng/ml
7-aminoclonazepam	4.270	378907	2959.66	71.9	4309.74	151133	100.8130 ng/ml
a-hydroxyalprazolam	5.699	208762	451.22	66.3	429.71	283133	93.2758 ng/ml
alpha-PHP	4.943	536253	1006.15	257.4	1314.08	781796	103.7361 ng/ml
alpha-PVP	4.375	2134658	2192.47	51.5	20399.15	781796	100.4315 ng/ml
Alprazolam	5.776	853152	1229.99	106.7	982.41	283133	100.9481 ng/ml
Amphetamine	3.071	3614876	832.99	45.4	975.67	443122	94.8955 ng/ml
Benzoylecgonine	3.890	39447	909.76	8.8	177.38	13217	101.8126 ng/ml
Buprenorphine	5.867	53689	3623.71	15.6	7252.65	178922	10.2201 ng/ml
Bupropion	4.800	2065920	101813.18	68.8	42208.22	731826	97.3581 ng/ml
Carisoprodol	5.731	806867	19869.67	63.8	377.72	369031	97.5384 ng/ml
Citalopram	5.232	1544467	1491.83	33.5	36214.54	674193	101.1584 ng/ml
Clonazepam	5.612	730585	4360.42	34.2	10818.60	104013	107.8596 ng/ml
Clonazepam	5.556	521376	3317.37	38.3	16487.99	104013	107.8183 ng/ml
Cocaine	4.276	1285800	134932.29	58.2	15089.29	1074544	99.3257 ng/ml
Codeine	2.608	148399	137.55	98.6	11981.64	77824	101.6284 ng/ml
Cyclobenzaprine	5.635	819256	655.90	8.3	2180.11	324216	97.1236 ng/ml
Dextromethorphan	5.281	762729	240.95	82.0	24261.37	308954	103.3965 ng/ml
Dextrophan	4.130	599120	10284.06	197.7	24210.58	592178	100.7243 ng/ml
Diazepam	5.960	509977	581.70	89.3	922.32	227906	103.7059 ng/ml
Dihydrocodeine	2.579	406473	428.83	71.0	11204.40	259637	103.8550 ng/ml
Diphenhydramine	5.302	4163193	88681.36	32.1	492.59	2316720	105.7071 ng/ml
Doxylamine	4.548	4516995	125770.36	96.8	60416.84	1887001	105.6266 ng/ml
EDDP	5.267	1595495	17598.88	40.2	1170.10	840783	97.4139 ng/ml
Etizolam	5.820	431066	6408.78	27.0	241427.99	104013	91.5786 ng/ml
Fentanyl	5.116	133221	2025.07	62.7	7097.81	684976	10.1766 ng/ml
Flualprazolam	5.706	338757	5083.59	106.5	6077.68	283133	113.1570 ng/ml
Fluoxetine	5.721	634090	8781.83	7.9	292.69	235232	96.2125 ng/ml
Hydrocodone	3.034	618345	∞	39.4	1249.81	366786	104.9568 ng/ml
Hydromorphone	1.628	562264	5775.13	78.7	4161.21	178071	101.2568 ng/ml
Ketamine	4.063	1460754	1186.91	33.9	1190.03	641649	103.2700 ng/ml
Lamotrigine	4.292	111448	1769.48	91.8	39434.36	641649	102.3508 ng/ml
Levetiracetam	2.664	562771	4274.91	165.0	1409.51	1793287	91.9058 ng/ml

AM #28 Multi-Drug Quant. Results

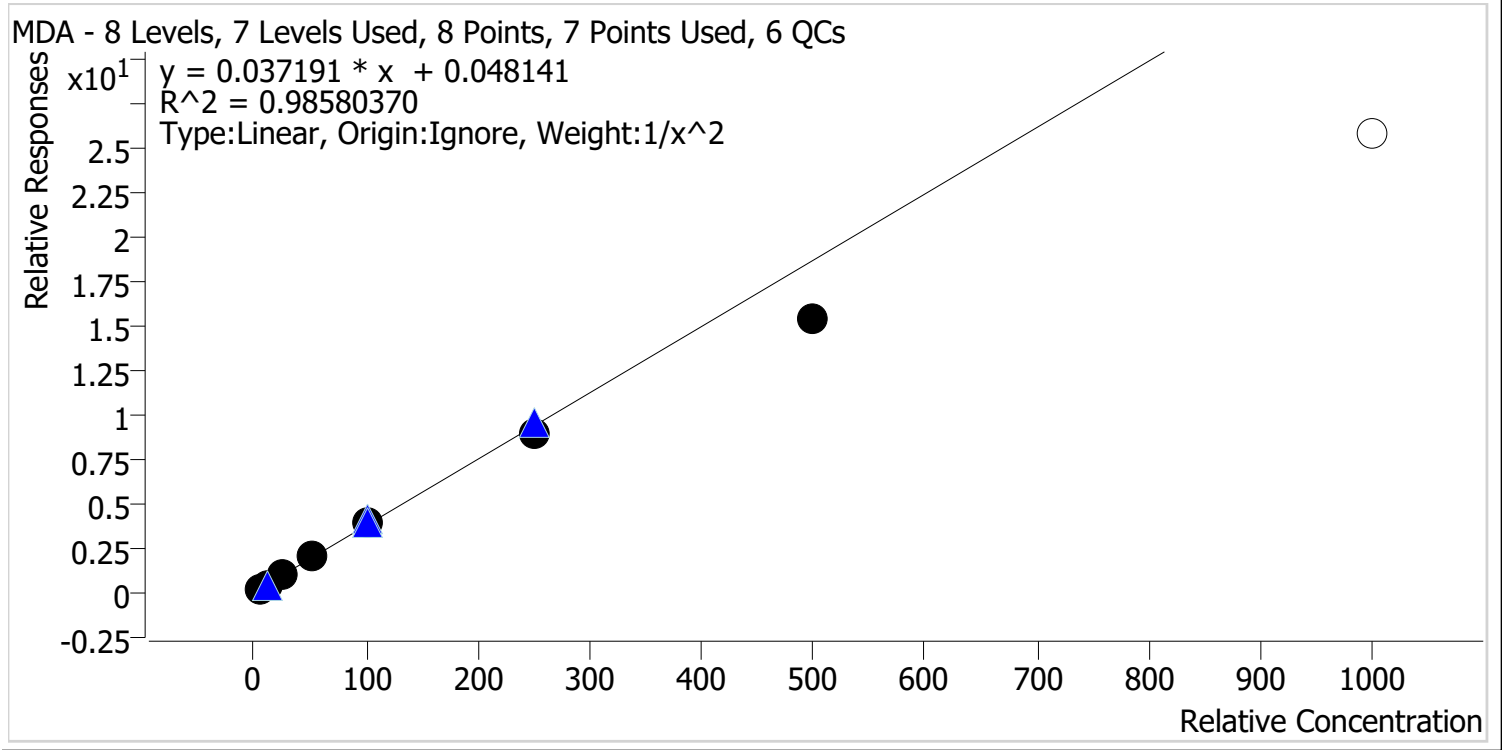


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	490201	3302.74	54.1	2021.14	104013	75.8726 ng/ml
MDA	3.212	1976545	2332.39	29.0	1909.29	492007	106.7246 ng/ml
MDMA	3.306	1423660	5542.43	92.4	1942.94	142164	100.6255 ng/ml
Meprobamate	4.910	449650	18599.86	28.4	3026.18	258376	99.9373 ng/ml
Methadone	5.666	2152703	1027.85	60.4	1234.73	899494	96.7294 ng/ml
Methamphetamine	3.240	2847497	5338.16	38.0	754.32	1180186	104.9562 ng/ml
Metoprolol	4.338	402422	94157.09	98.3	3812.16	1700877	105.6735 ng/ml
Mirtazapine	4.643	2673819	94526.85	53.6	5582.22	781796	98.6324 ng/ml
Mitragynine	5.243	457175	1931446.25	36.7	1994.47	899494	95.8838 ng/ml
Morphine	1.267	95090	337.94	29.4	6916.27	12794	92.7638 ng/ml
Norbuprenorphine	5.005	6441	12961.54	91.9	3217.44	27780	9.9368 ng/ml
Nordiazepam	5.900	498261	1506.49	53.4	1690.37	164977	103.1387 ng/ml
Norfentanyl	4.090	356274	927.41	36.3	2969.41	1372517	9.7976 ng/ml
Norhydrocodone	3.089	93806	263.98	38.8	144.39	72591	98.3953 ng/ml
Noroxycodone	2.932	538249	4230.05	48.8	626.61	162786	97.1112 ng/ml
O-desmethyl-tramadol	3.386	3503053	1255.07	6.1	5852.57	1800418	96.6547 ng/ml
Oxazepam	5.756	719390	7602.49	71.6	7724.90	415540	99.8853 ng/ml
Oxycodone	2.856	1198566	2791.26	31.0	582.75	463822	107.0629 ng/ml
Oxymorphone	1.425	544445	∞	46.0	∞	164469	104.3577 ng/ml
Phentermine	3.794	837000	1131.83	5.3	544.49	1052825	103.7998 ng/ml
Promethazine	5.552	1973883	5282.68	30.9	2518.93	842627	96.8480 ng/ml
Pseudoephedrine	2.604	3730394	60191.35	17.1	66430.27	1793287	98.4362 ng/ml
Quetiapine	5.569	1706793	32972.17	59.8	89313.36	249463	93.6038 ng/ml
Sertraline	5.790	126673	2399.31	95.1	14917.66	52903	98.2294 ng/ml
Temazepam	5.824	1379848	1796.04	27.0	955.66	664790	95.1629 ng/ml
Tramadol	4.257	3458180	∞	3.4	346.27	1700877	96.5221 ng/ml
Trazodone	5.175	1787107	1133.09	82.8	2252.39	743721	105.0642 ng/ml
Venlafaxine	5.050	3134418	109933.94	31.0	14954.29	1561142	101.8695 ng/ml
Zolpidem	4.934	2745220	194540.44	28.8	44103.01	1342592	109.2106 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.2
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.8
p1 Cal 4-50ng	4	✓	50.0	54.6	109.2
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	238.1	95.2
p1 Cal 7-500ng	7	✓	500.0	409.0	81.8
p1 Cal 8-1000ng	8	✗	1000.0	690.5	69.1

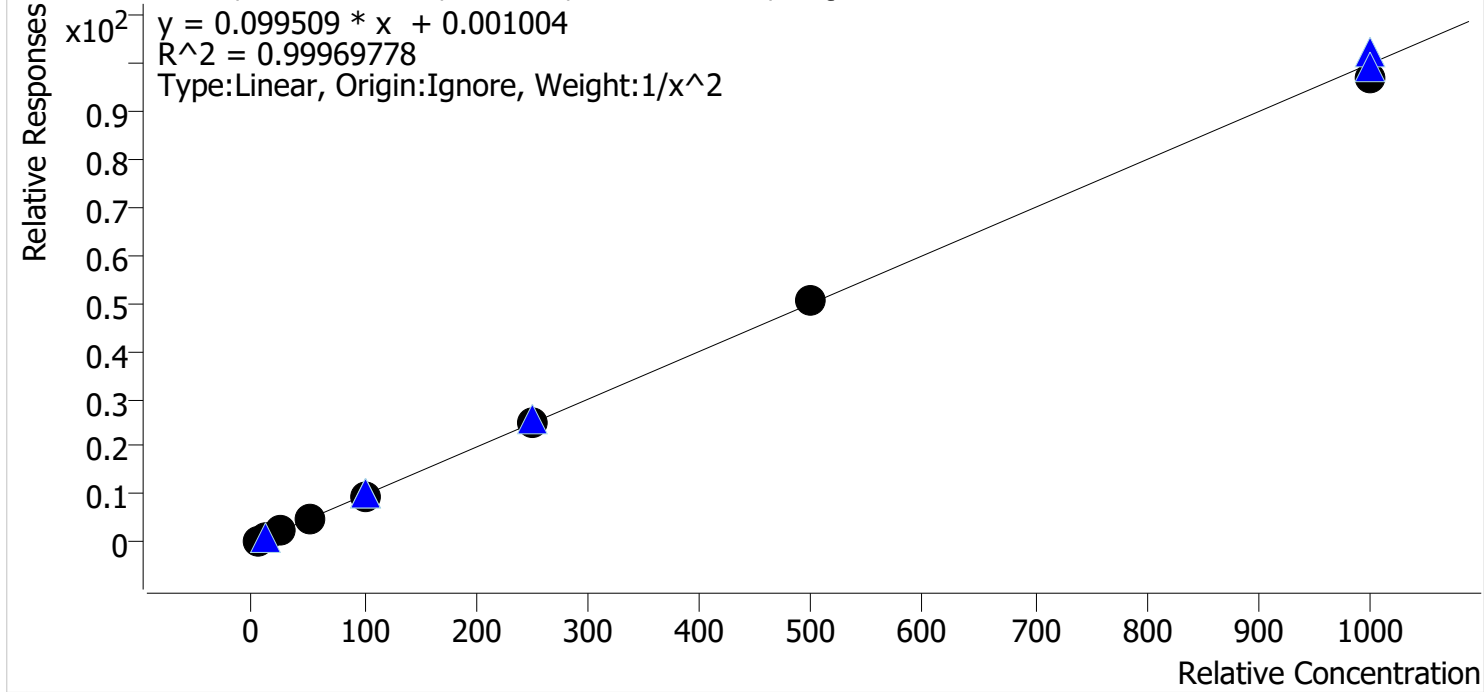
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

MDMA - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

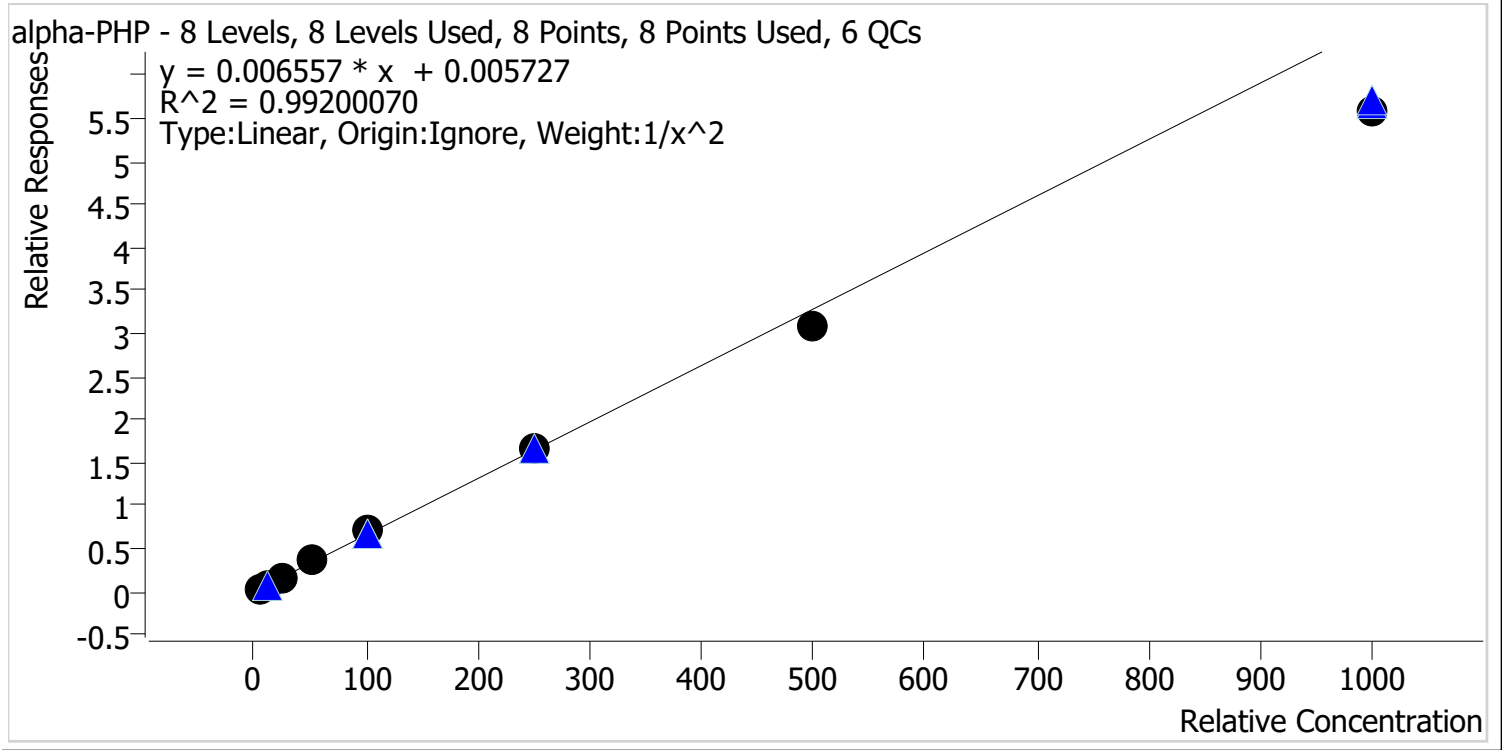


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.3
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	100.1	100.1
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	503.0	100.6
p1 Cal 8-1000ng	8	✓	1000.0	967.0	96.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-d8

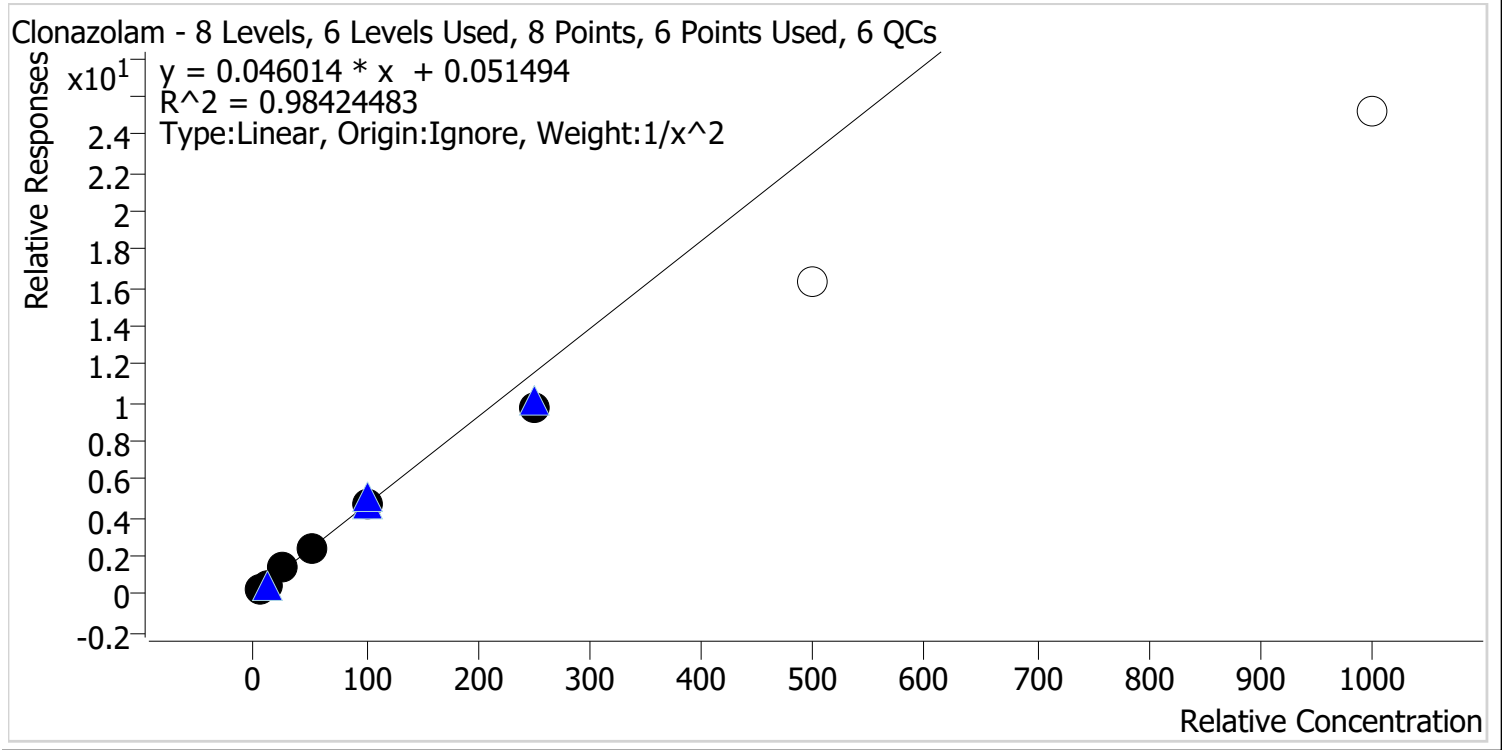


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	107.1	107.1
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	470.6	94.1
p1 Cal 8-1000ng	8	✓	1000.0	847.5	84.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	29.3	117.0
p1 Cal 4-50ng	4	✓	50.0	50.5	101.1
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	212.0	84.8
p1 Cal 7-500ng	7	✗	500.0	354.0	70.8
p1 Cal 8-1000ng	8	✗	1000.0	546.4	54.6

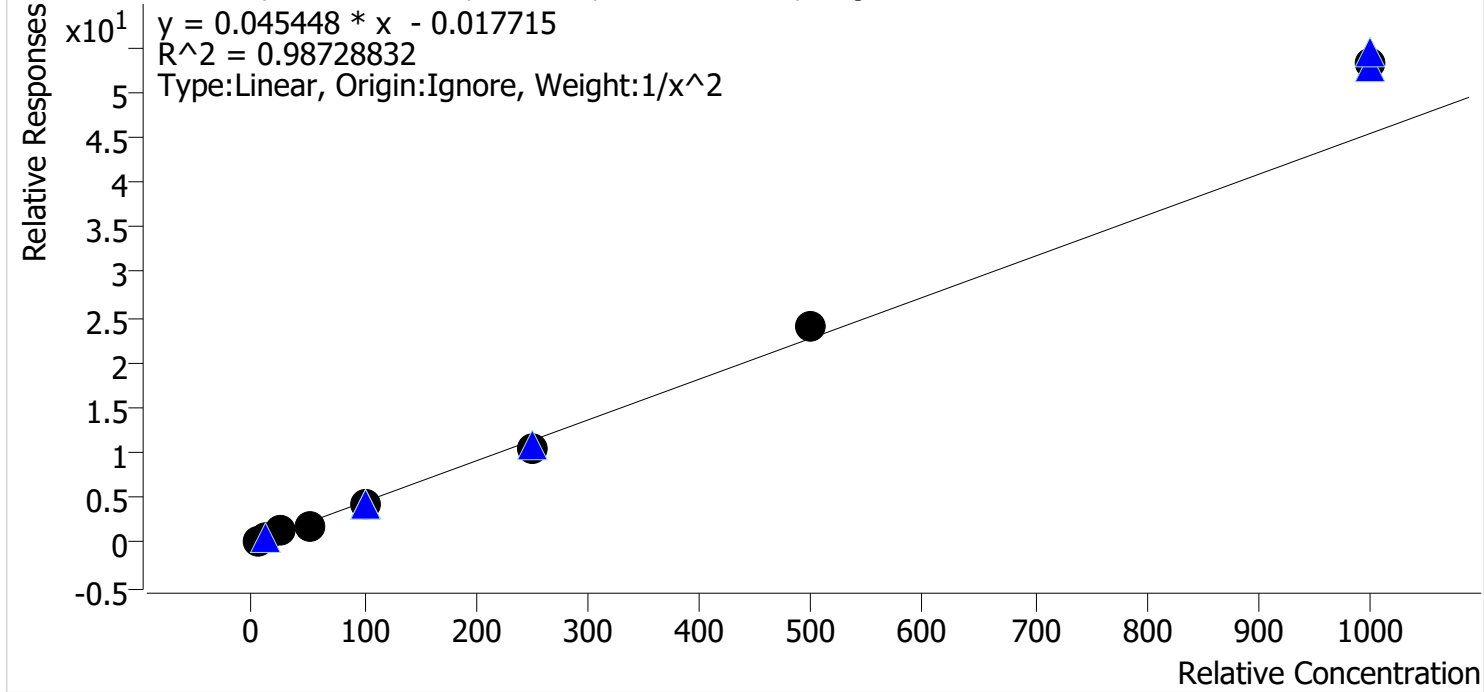
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

Etizolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

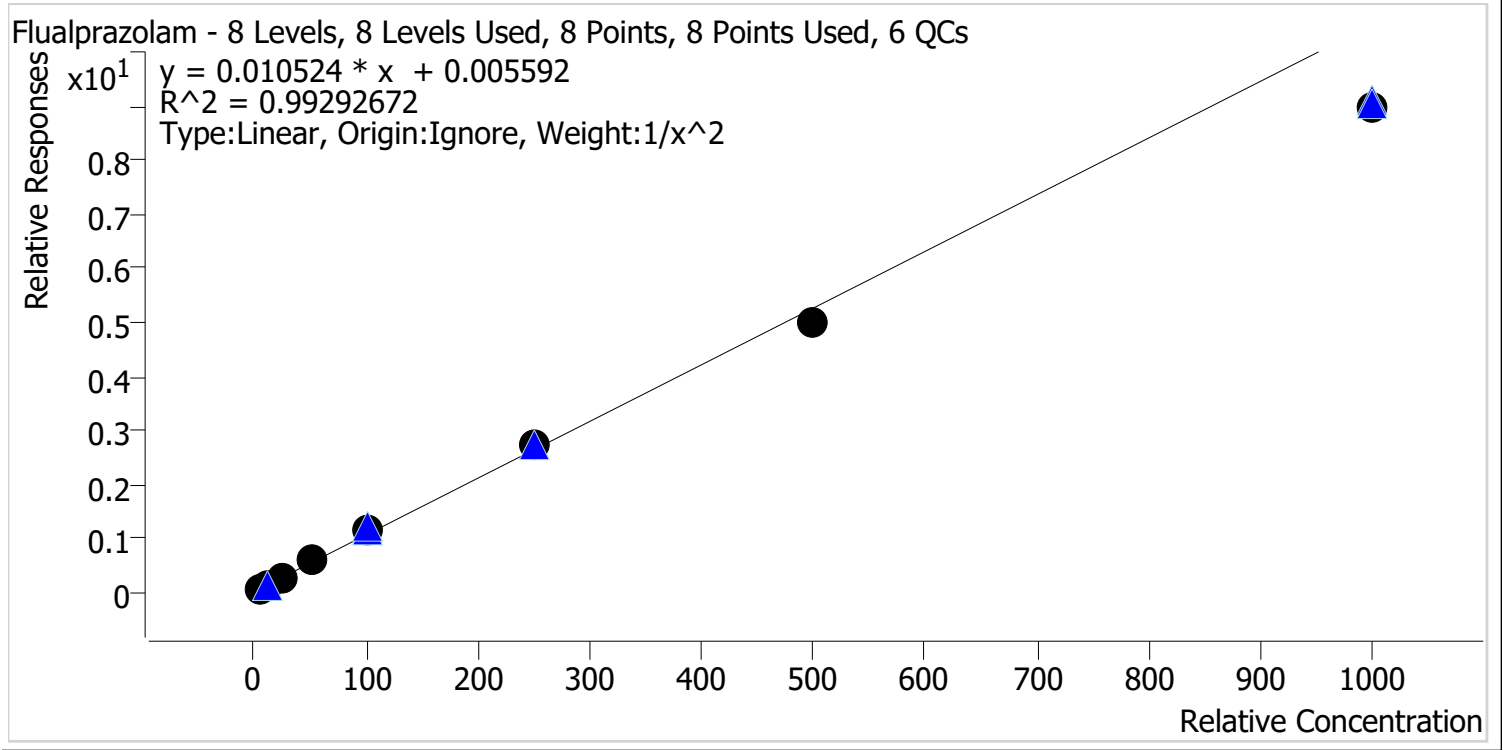


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.5	94.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	43.6	87.1
p1 Cal 5-100ng	5	✓	100.0	92.4	92.4
p1 Cal 6-250ng	6	✓	250.0	232.5	93.0
p1 Cal 7-500ng	7	✓	500.0	528.6	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1171.0	117.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

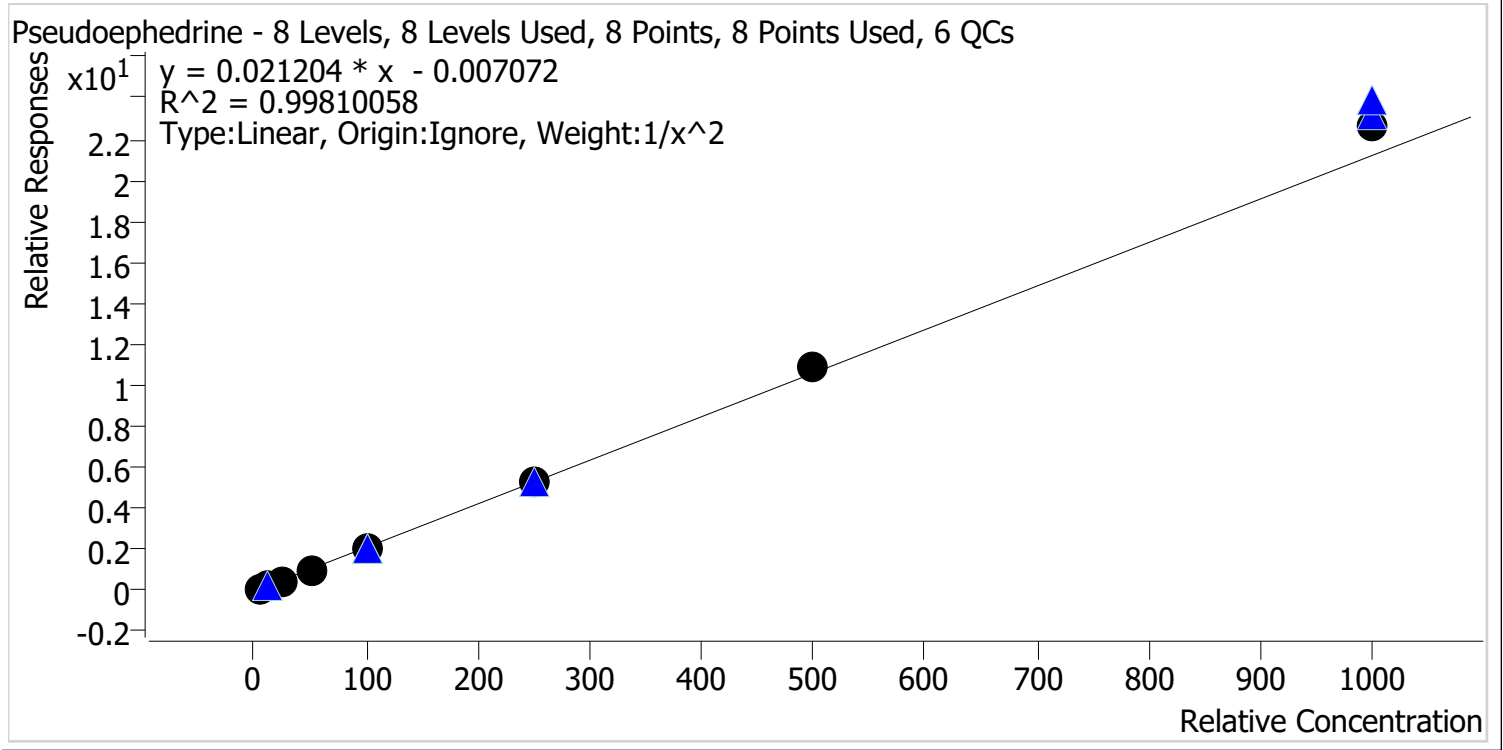


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	257.2	102.9
p1 Cal 7-500ng	7	✓	500.0	472.8	94.6
p1 Cal 8-1000ng	8	✓	1000.0	857.2	85.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

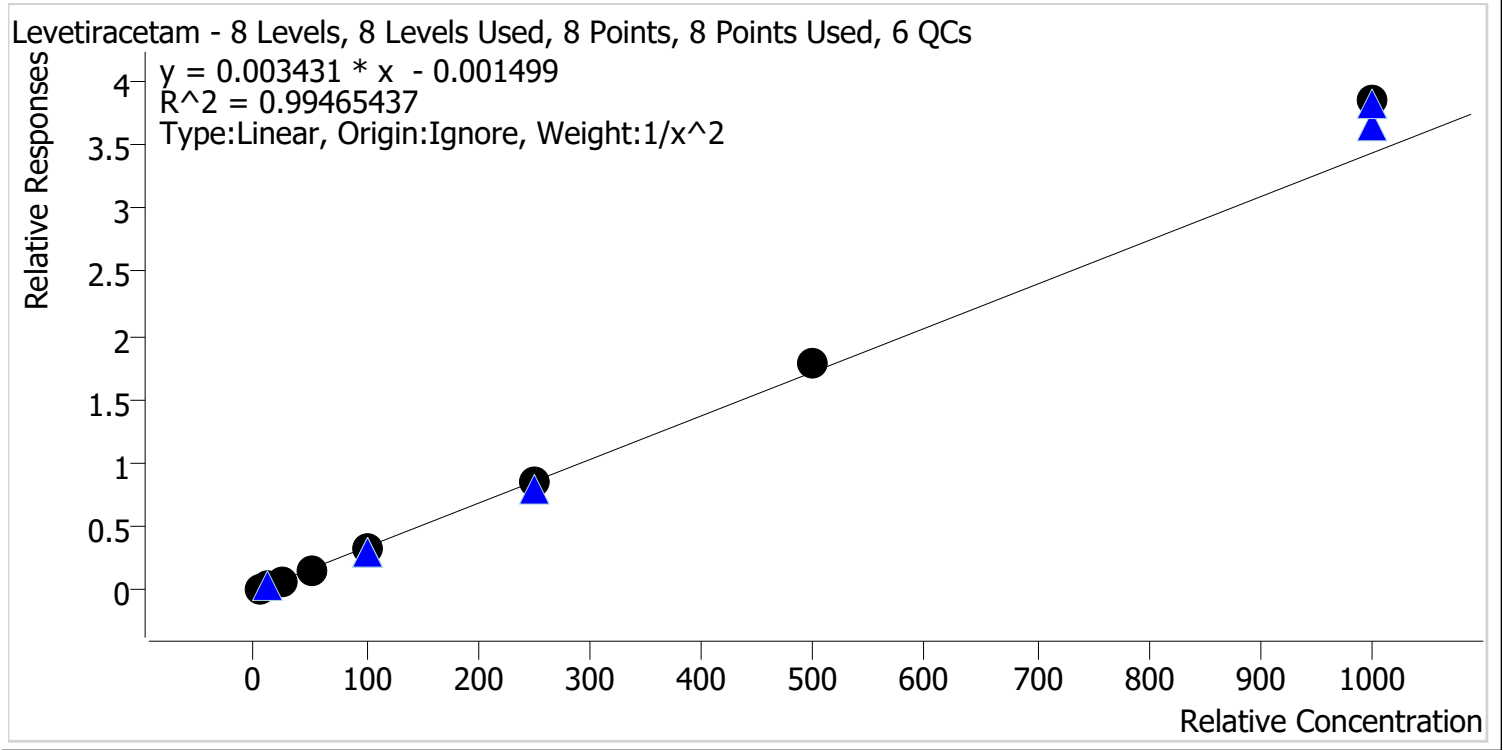


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	517.9	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1067.6	106.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Levetiracetam **Internal Standard** Pseudoephedrine-D3

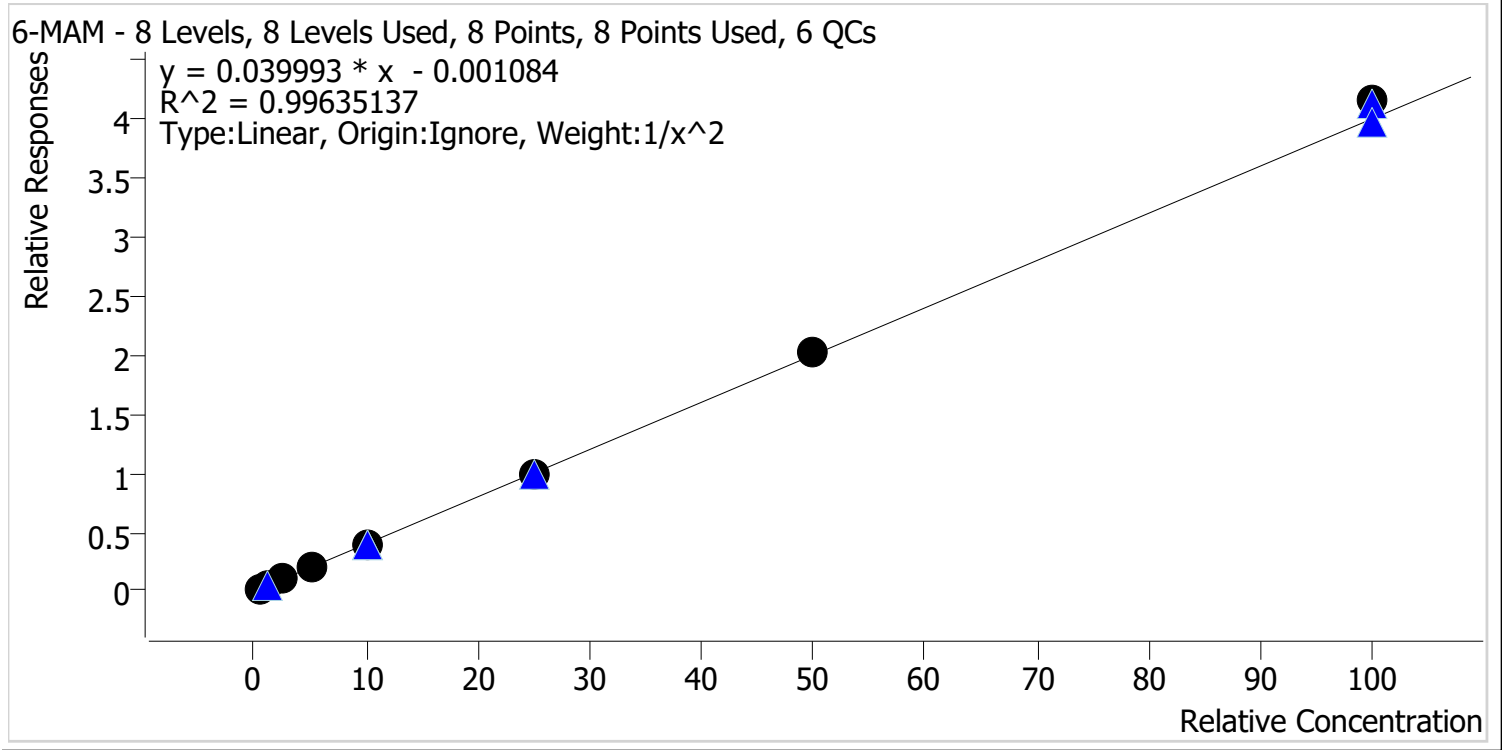


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	247.9	99.2
p1 Cal 7-500ng	7	✓	500.0	522.7	104.5
p1 Cal 8-1000ng	8	✓	1000.0	1119.6	112.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

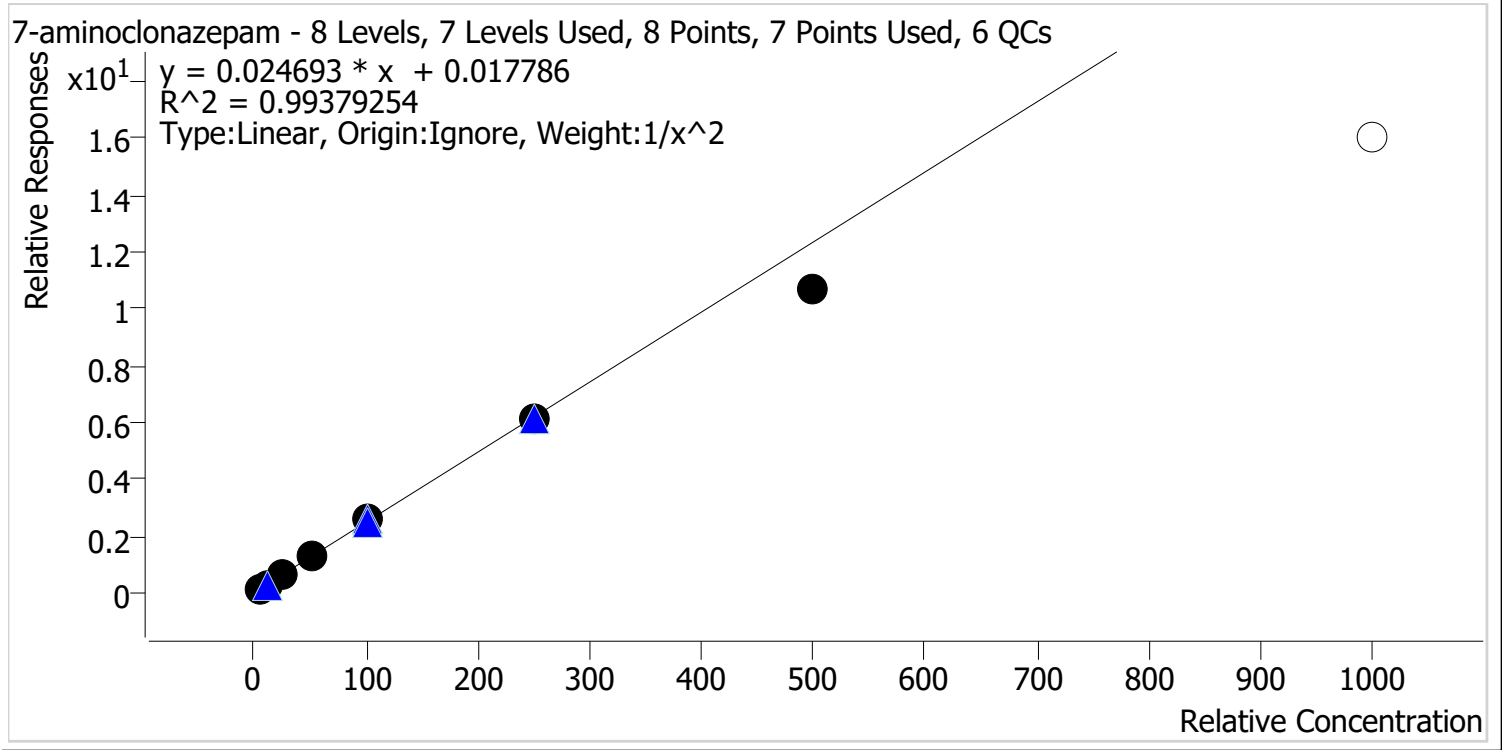


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	106.0
p1 Cal 2-10ng	2	✓	1.0	0.9	88.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.5
p1 Cal 4-50ng	4	✓	5.0	5.1	101.6
p1 Cal 5-100ng	5	✓	10.0	10.1	100.6
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	50.9	101.8
p1 Cal 8-1000ng	8	✓	100.0	103.9	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	245.8	98.3
p1 Cal 7-500ng	7	✓	500.0	434.4	86.9
p1 Cal 8-1000ng	8	✗	1000.0	647.9	64.8

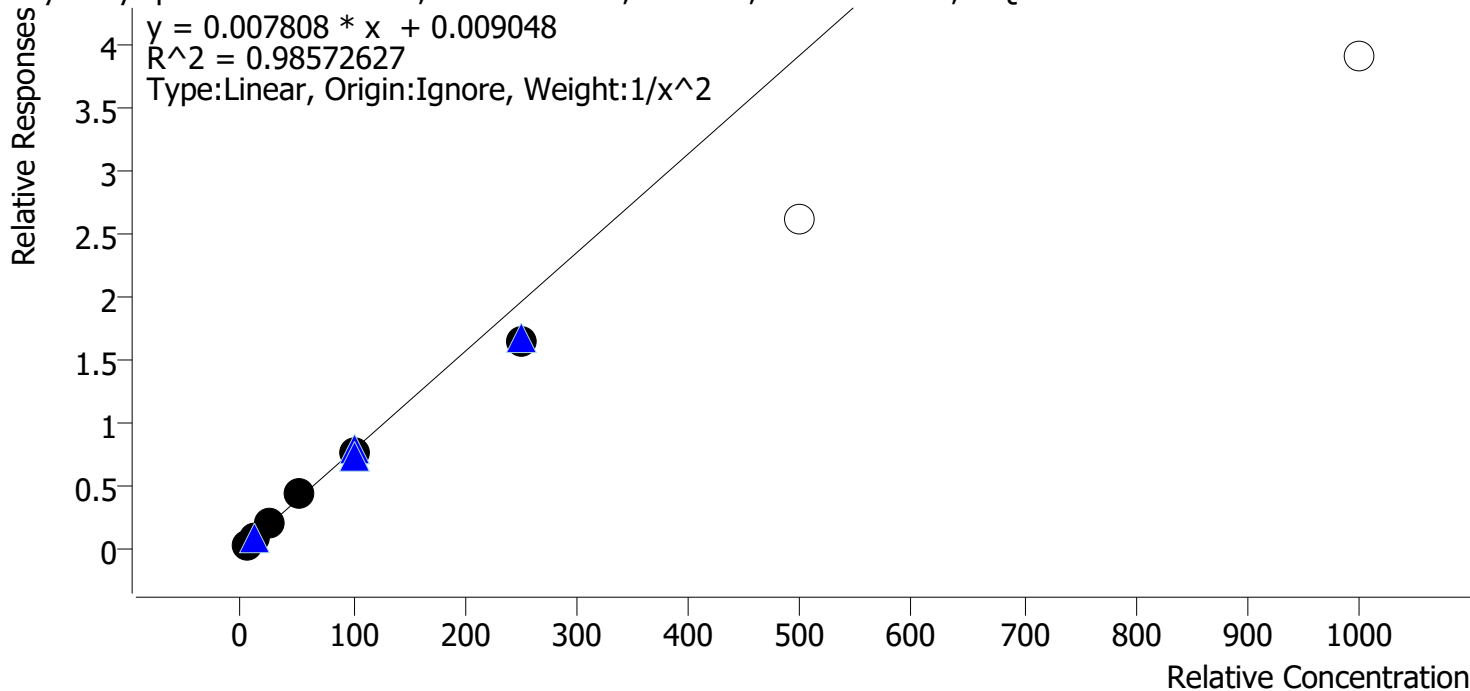
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte a-hydroxyalprazolam **Internal Standard** Alprazolam-D5

a-hydroxyalprazolam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.7	107.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.1
p1 Cal 4-50ng	4	✓	50.0	55.3	110.6
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	209.1	83.6
p1 Cal 7-500ng	7	✗	500.0	334.7	66.9
p1 Cal 8-1000ng	8	✗	1000.0	498.1	49.8

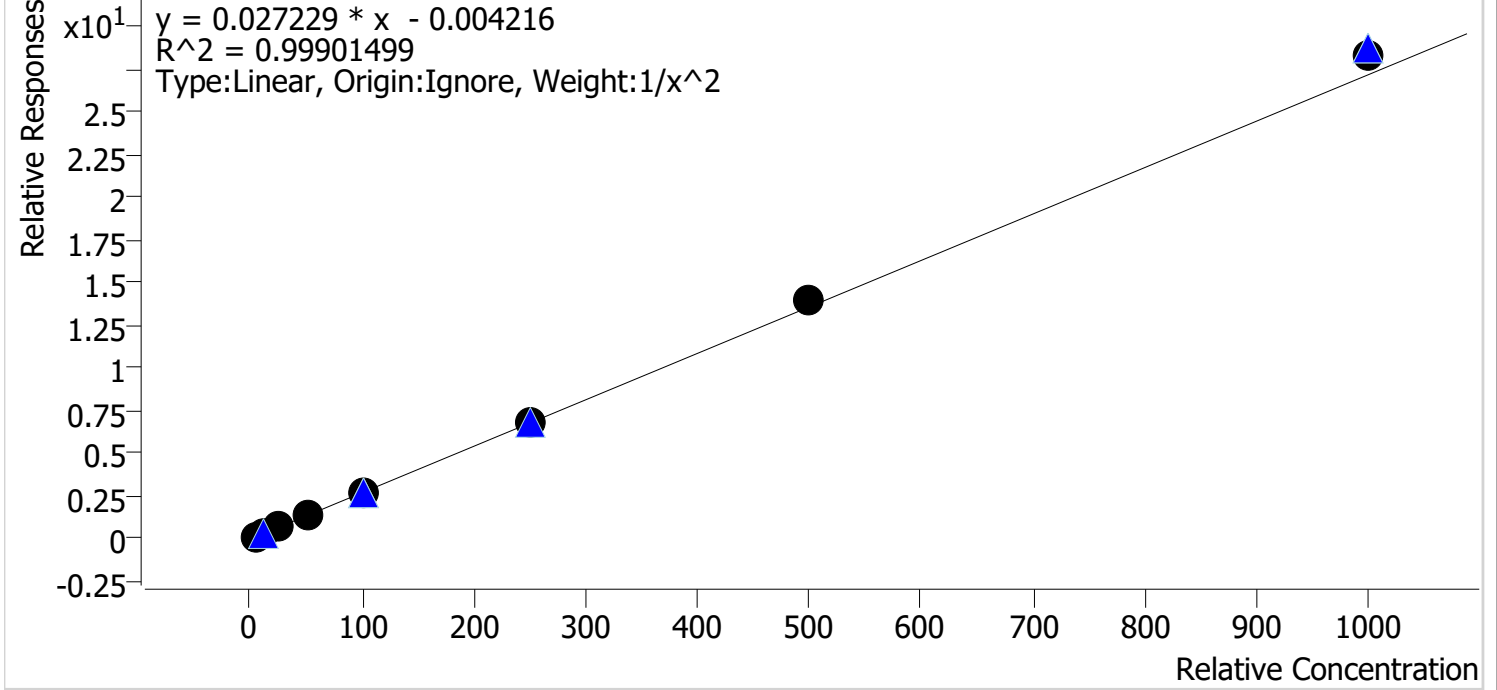
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-d8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

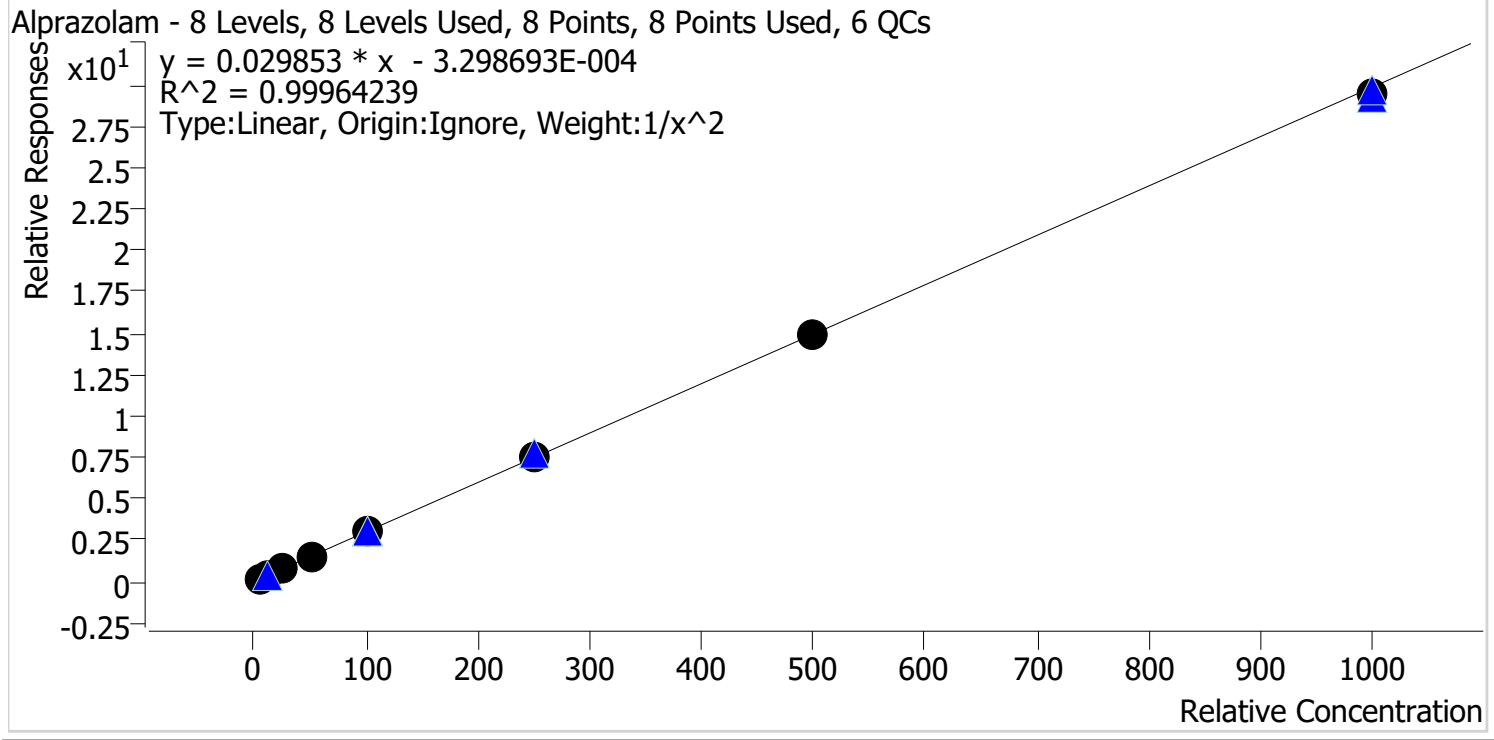


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.9
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	513.8	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1038.1	103.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



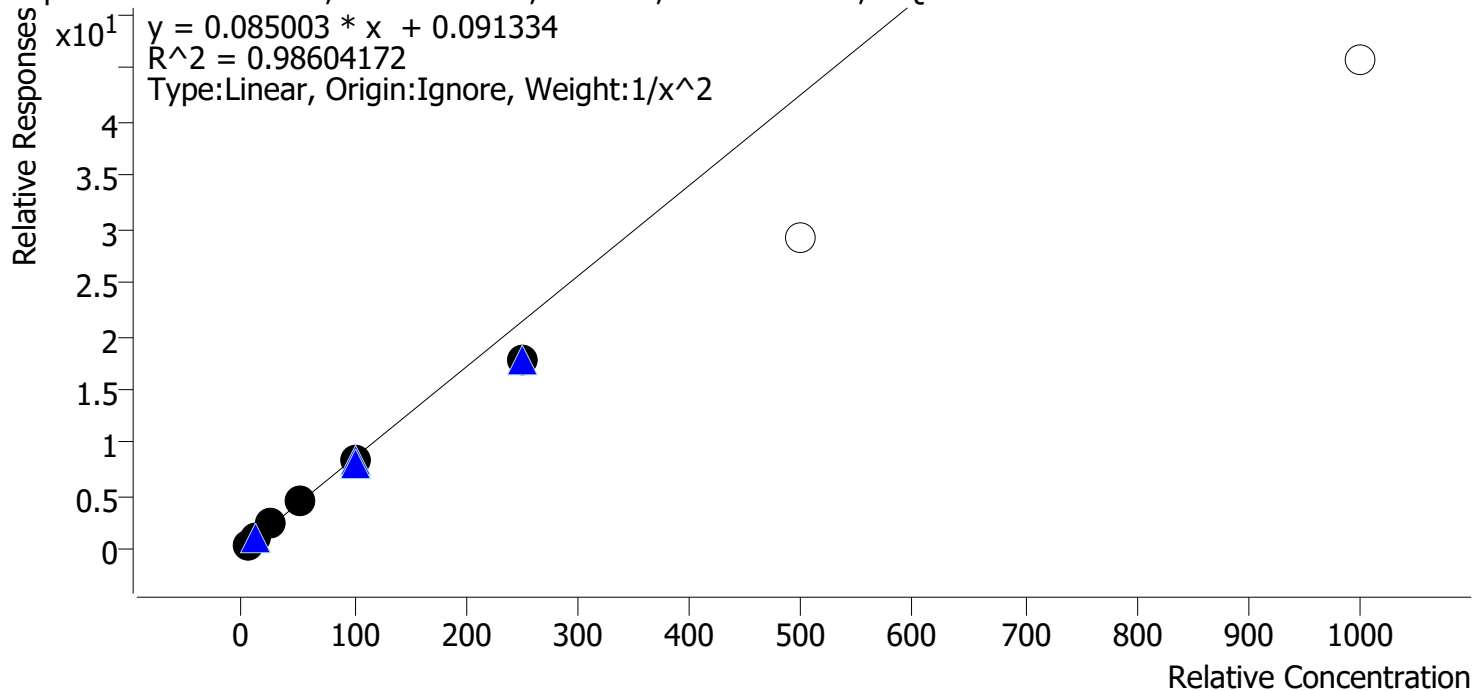
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng	4	✓	50.0	49.8	99.5
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	985.8	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.8
p1 Cal 4-50ng	4	✓	50.0	54.1	108.2
p1 Cal 5-100ng	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng	6	✓	250.0	208.9	83.6
p1 Cal 7-500ng	7	x	500.0	344.0	68.8
p1 Cal 8-1000ng	8	x	1000.0	538.2	53.8

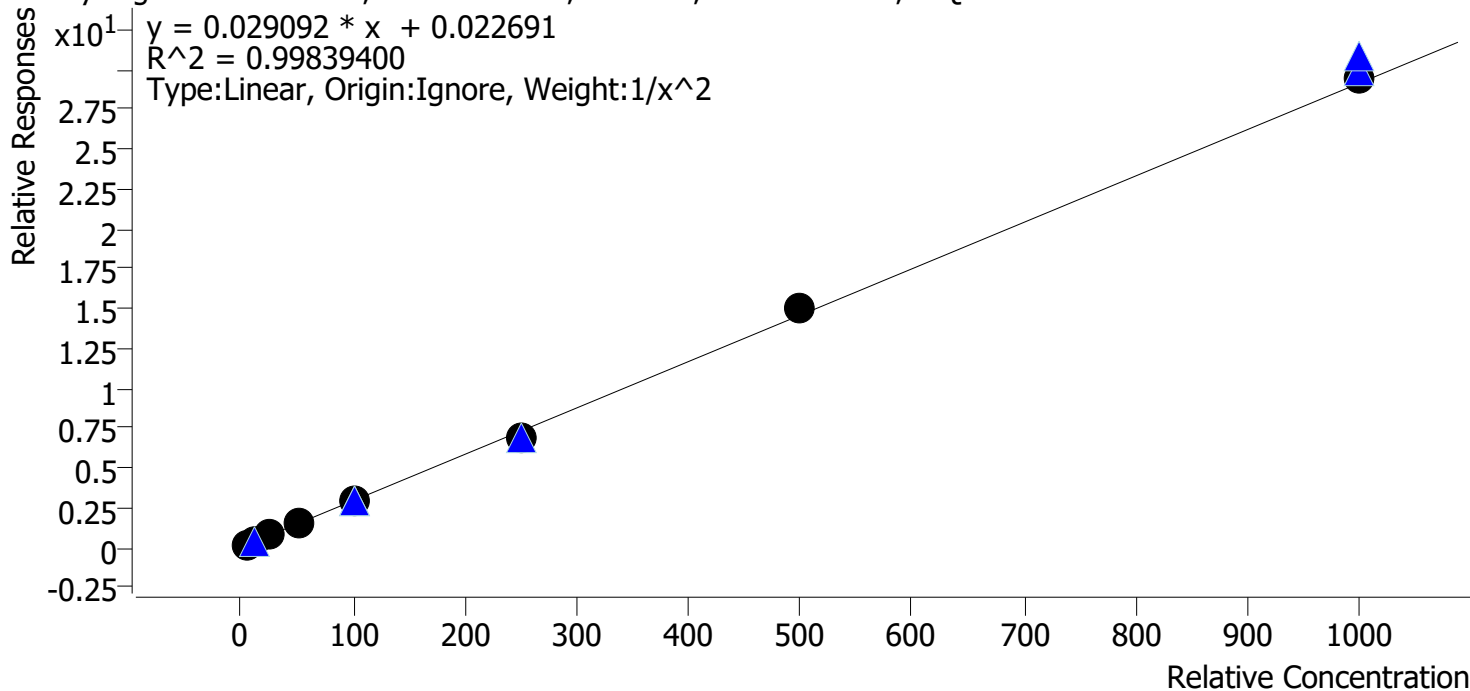
Calibrators 7 and 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

Benzoylecgonine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



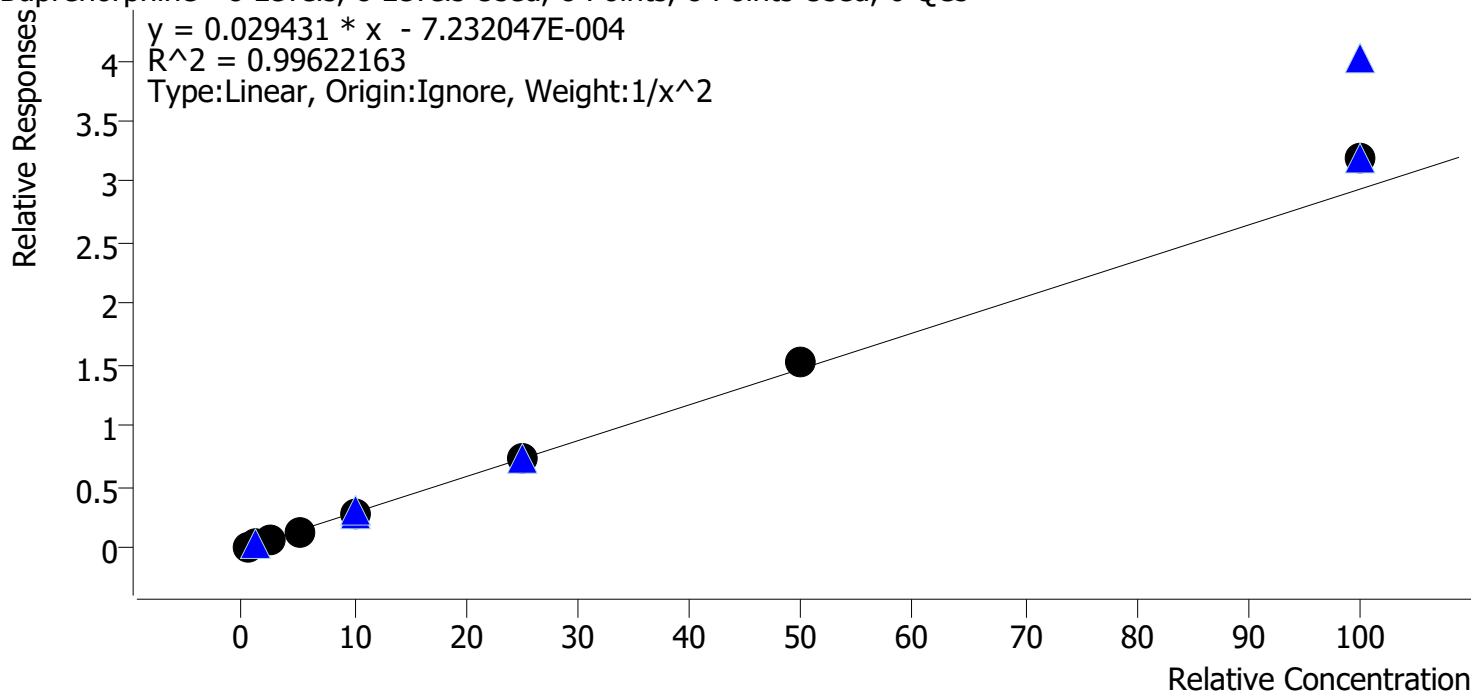
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.4	94.3
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	237.2	94.9
p1 Cal 7-500ng	7	✓	500.0	515.0	103.0
p1 Cal 8-1000ng	8	✓	1000.0	1014.0	101.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

Buprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



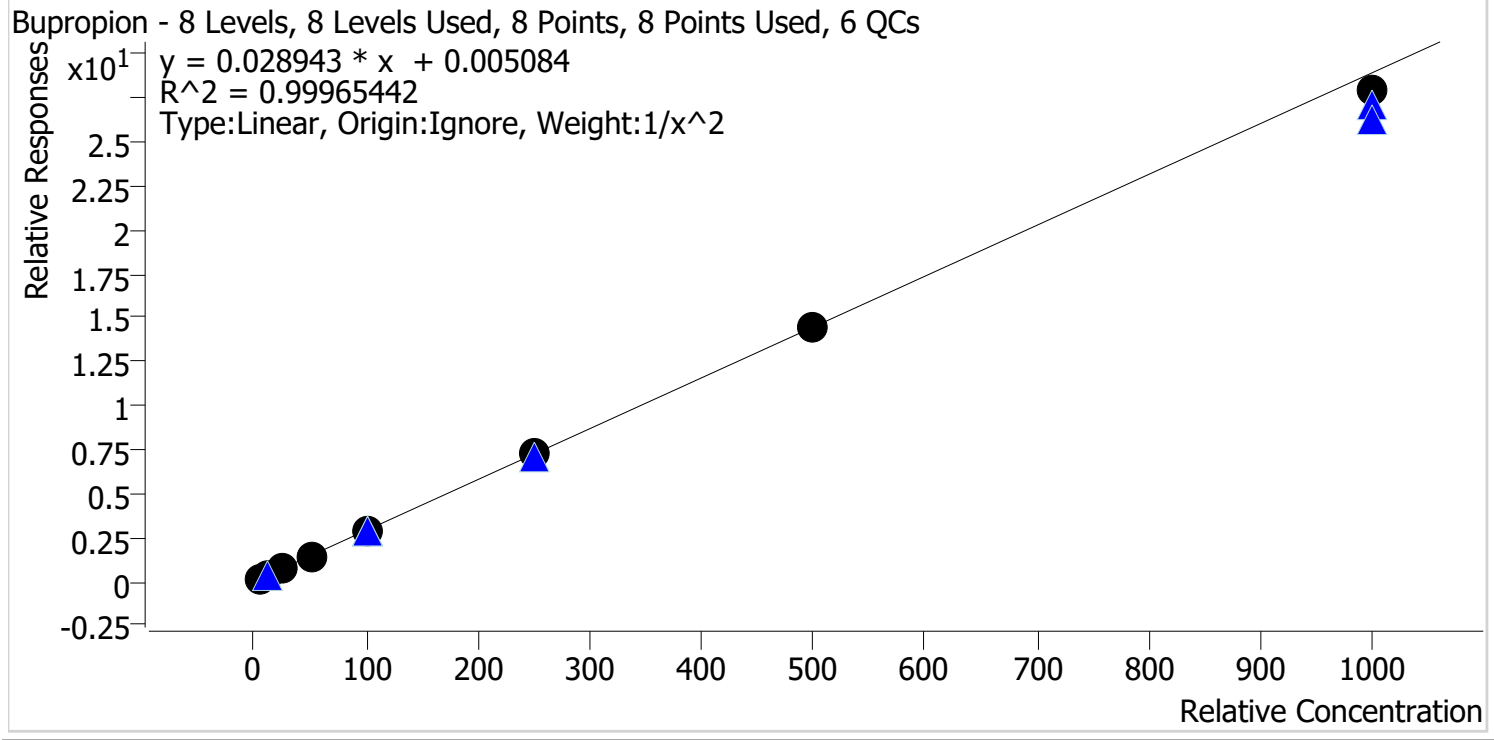
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.3
p1 Cal 2-10ng	2	✓	1.0	1.0	96.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.5
p1 Cal 4-50ng	4	✓	5.0	4.7	93.0
p1 Cal 5-100ng	5	✓	10.0	9.5	95.4
p1 Cal 6-250ng	6	✓	25.0	25.4	101.5
p1 Cal 7-500ng	7	✓	50.0	52.3	104.6
p1 Cal 8-1000ng	8	✓	100.0	108.6	108.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



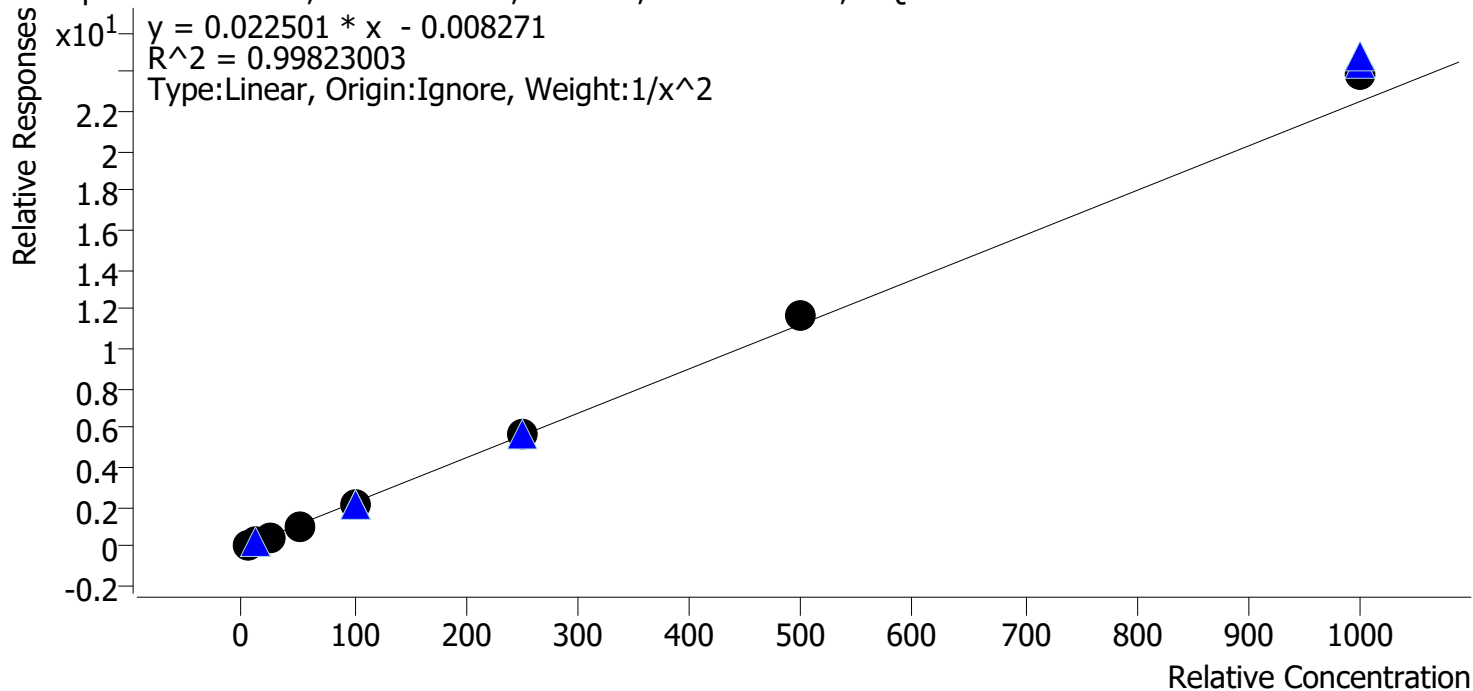
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.3
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	251.6	100.6
p1 Cal 7-500ng	7	✓	500.0	497.7	99.5
p1 Cal 8-1000ng	8	✓	1000.0	964.9	96.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

Carisoprodol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



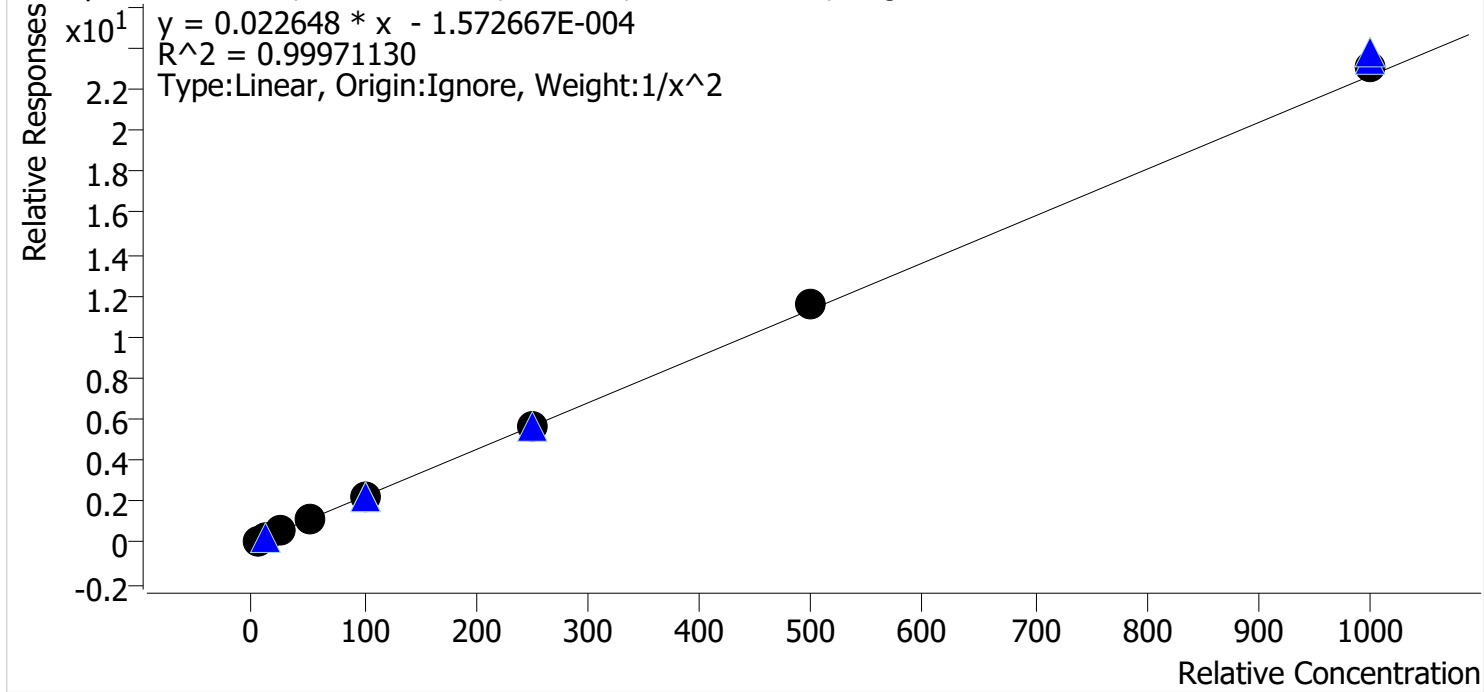
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	97.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	249.2	99.7
p1 Cal 7-500ng	7	✓	500.0	517.0	103.4
p1 Cal 8-1000ng	8	✓	1000.0	1064.0	106.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

Citalopram - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

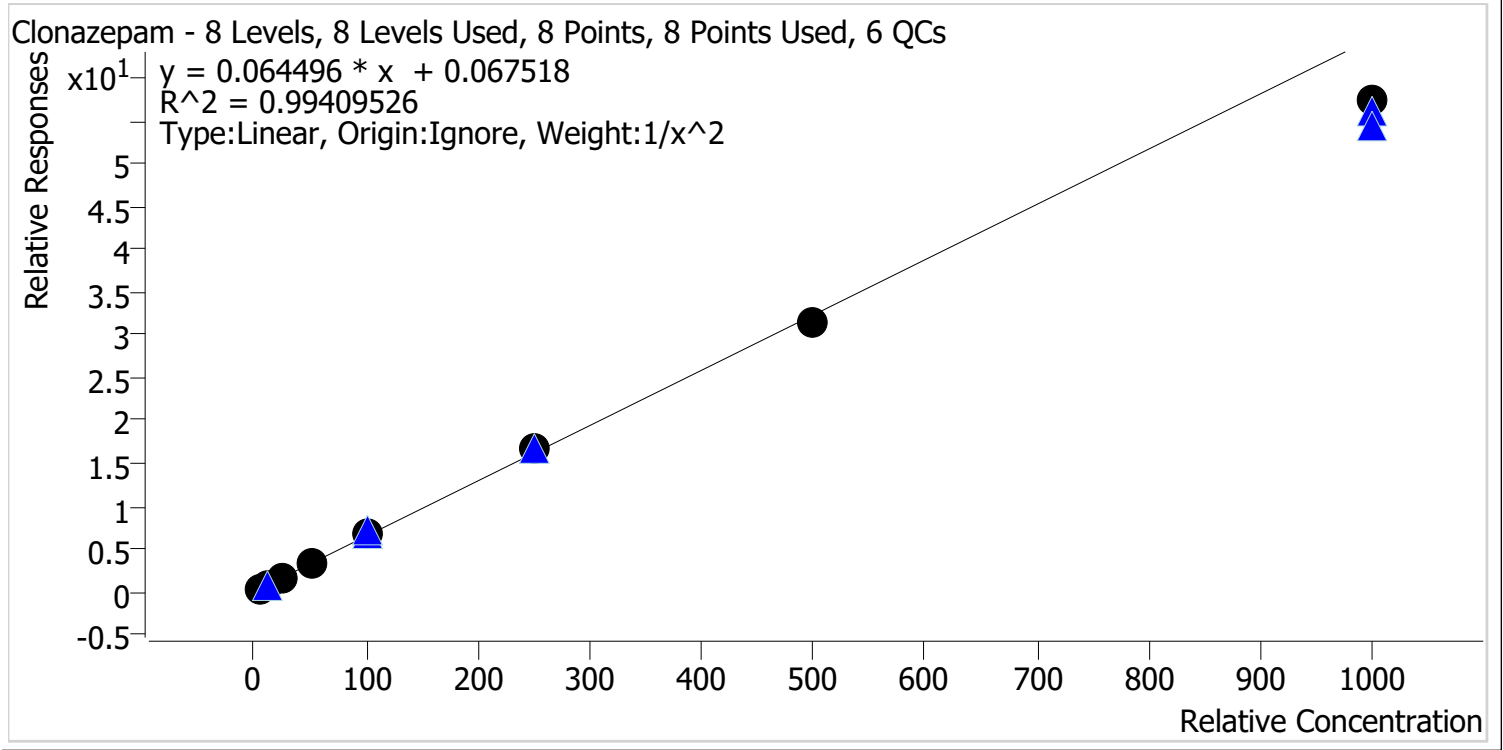


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.5
p1 Cal 4-50ng	4	✓	50.0	49.6	99.3
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1019.1	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



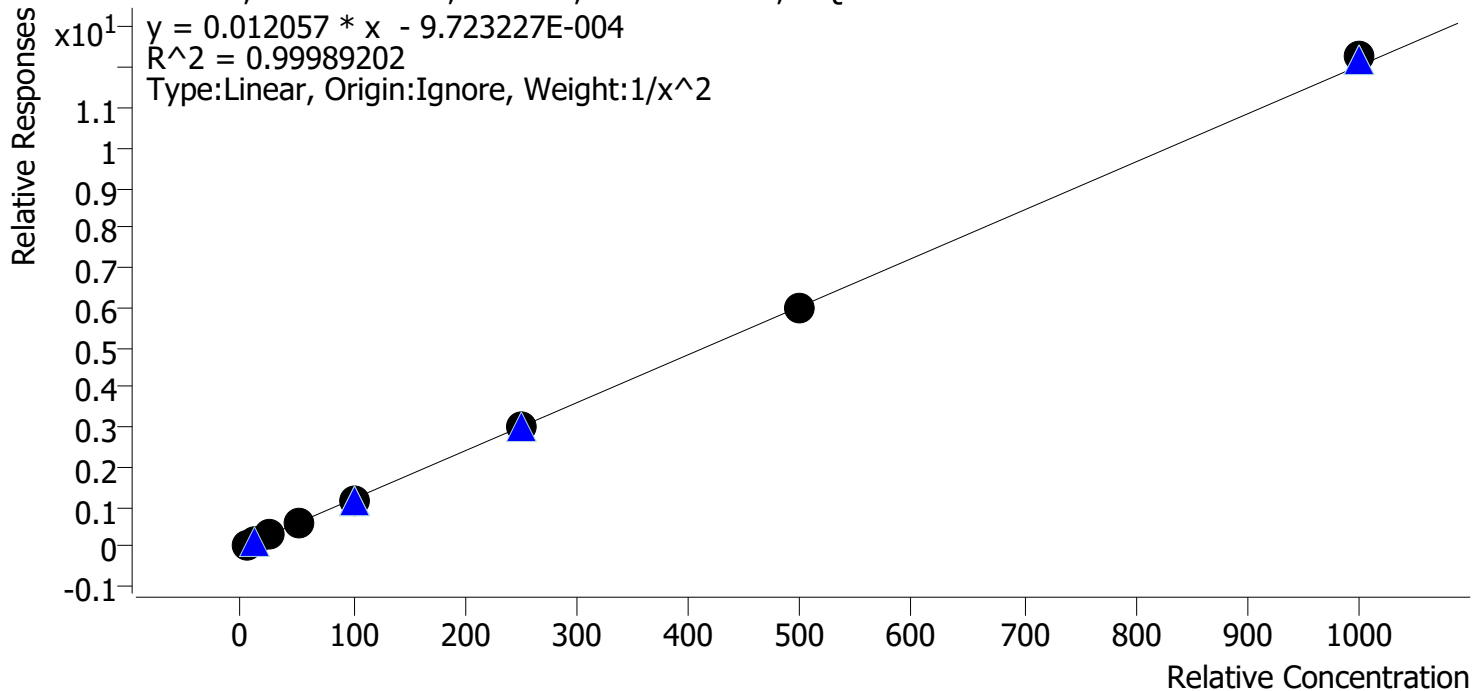
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.9
p1 Cal 4-50ng	4	✓	50.0	54.0	108.1
p1 Cal 5-100ng	5	✓	100.0	107.3	107.3
p1 Cal 6-250ng	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	485.1	97.0
p1 Cal 8-1000ng	8	✓	1000.0	887.8	88.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-d3

Cocaine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



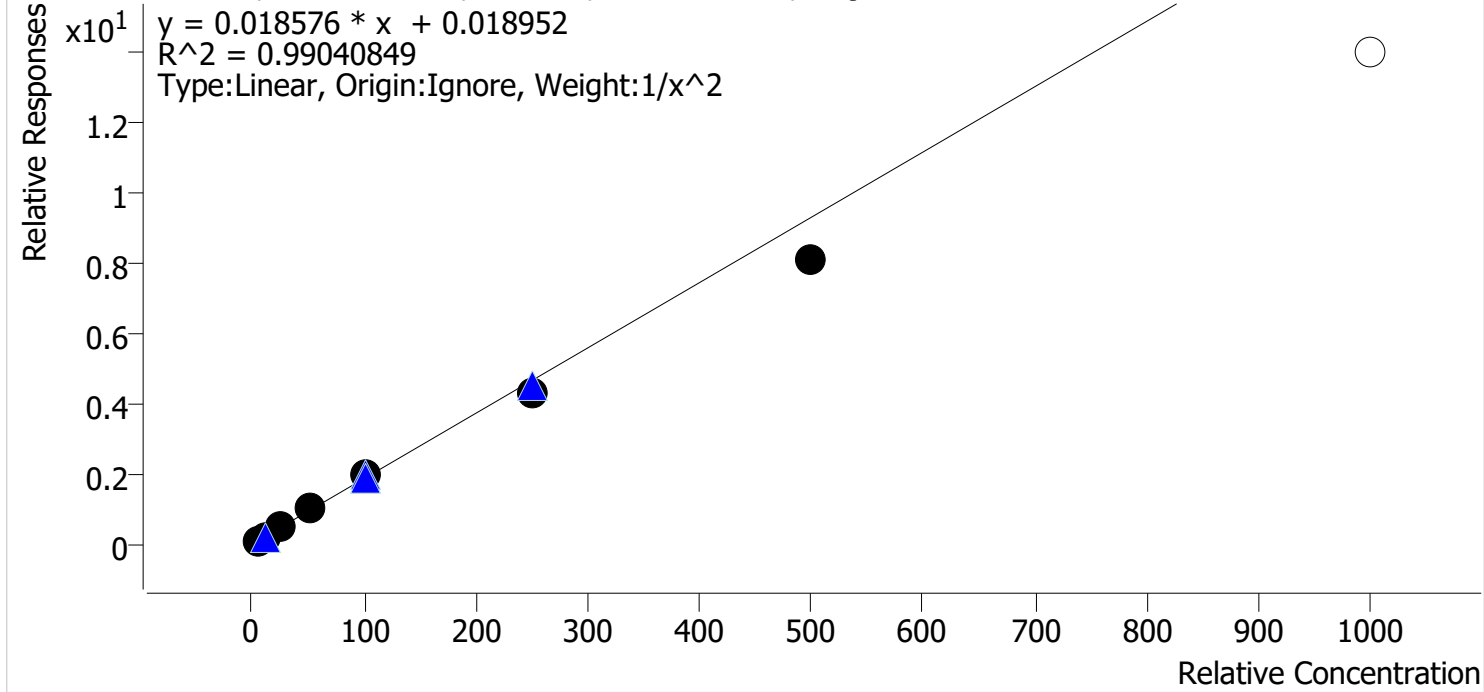
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	250.6	100.2
p1 Cal 7-500ng	7	✓	500.0	497.3	99.5
p1 Cal 8-1000ng	8	✓	1000.0	1019.0	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6

Codeine - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.0
p1 Cal 2-10ng	2	✓	10.0	10.6	106.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	107.0	107.0
p1 Cal 6-250ng	6	✓	250.0	231.2	92.5
p1 Cal 7-500ng	7	✓	500.0	434.6	86.9
p1 Cal 8-1000ng	8	✗	1000.0	752.2	75.2

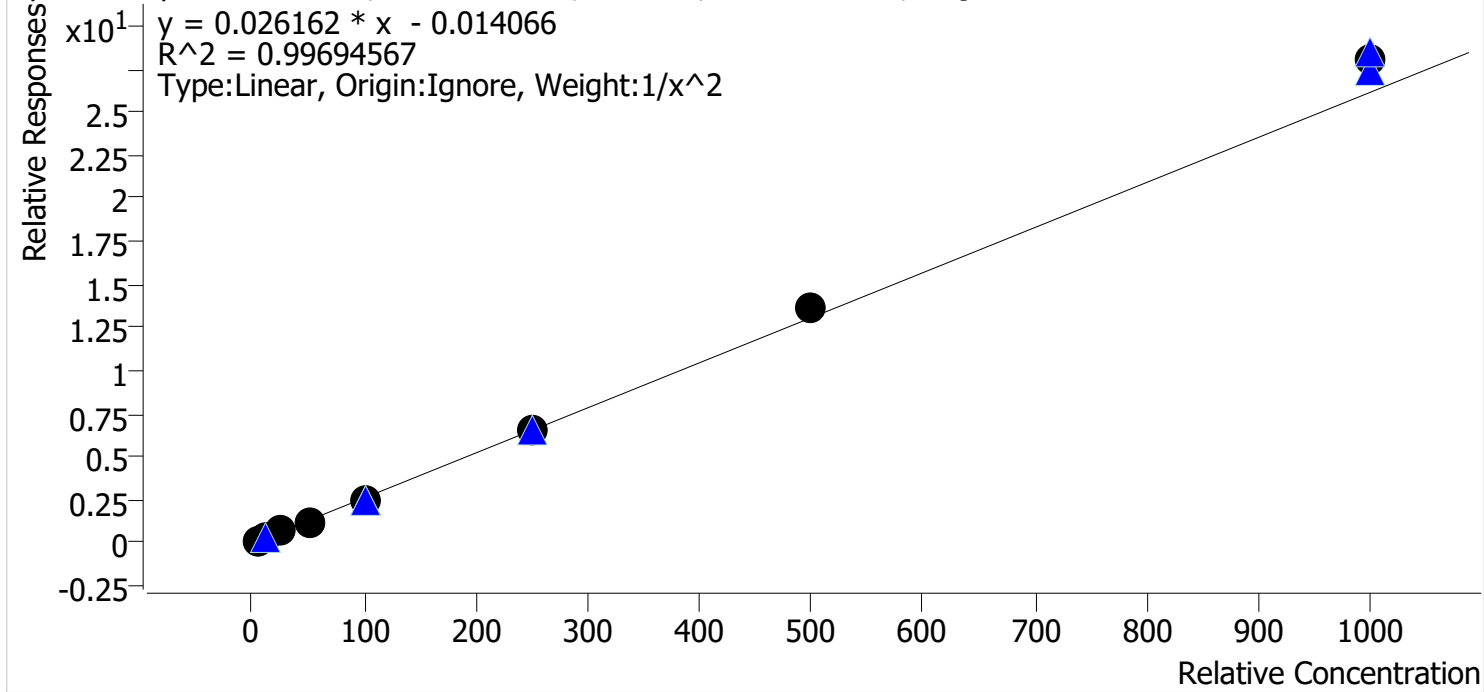
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

Cyclobenzaprine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

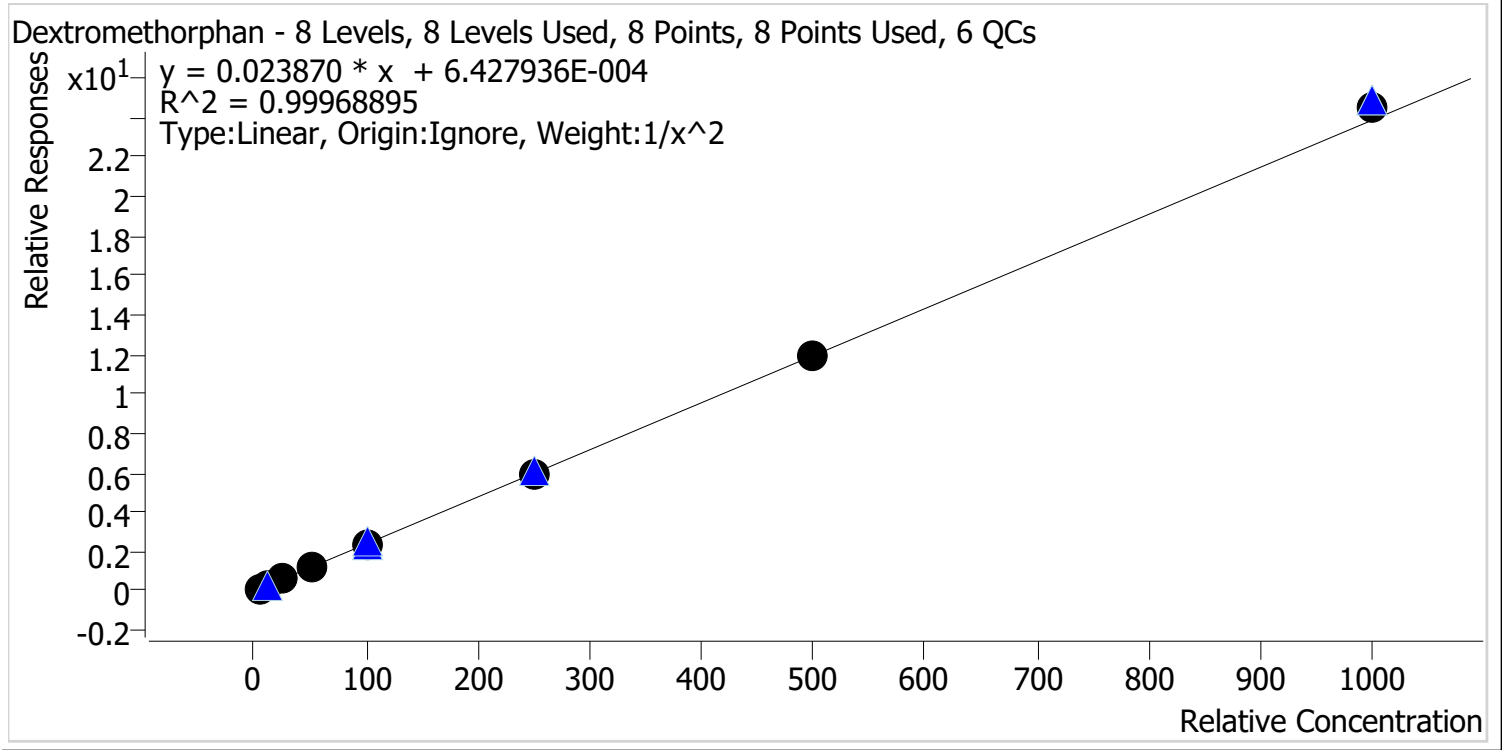


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.3	93.3
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng	4	✓	50.0	48.1	96.3
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	519.0	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1076.3	107.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

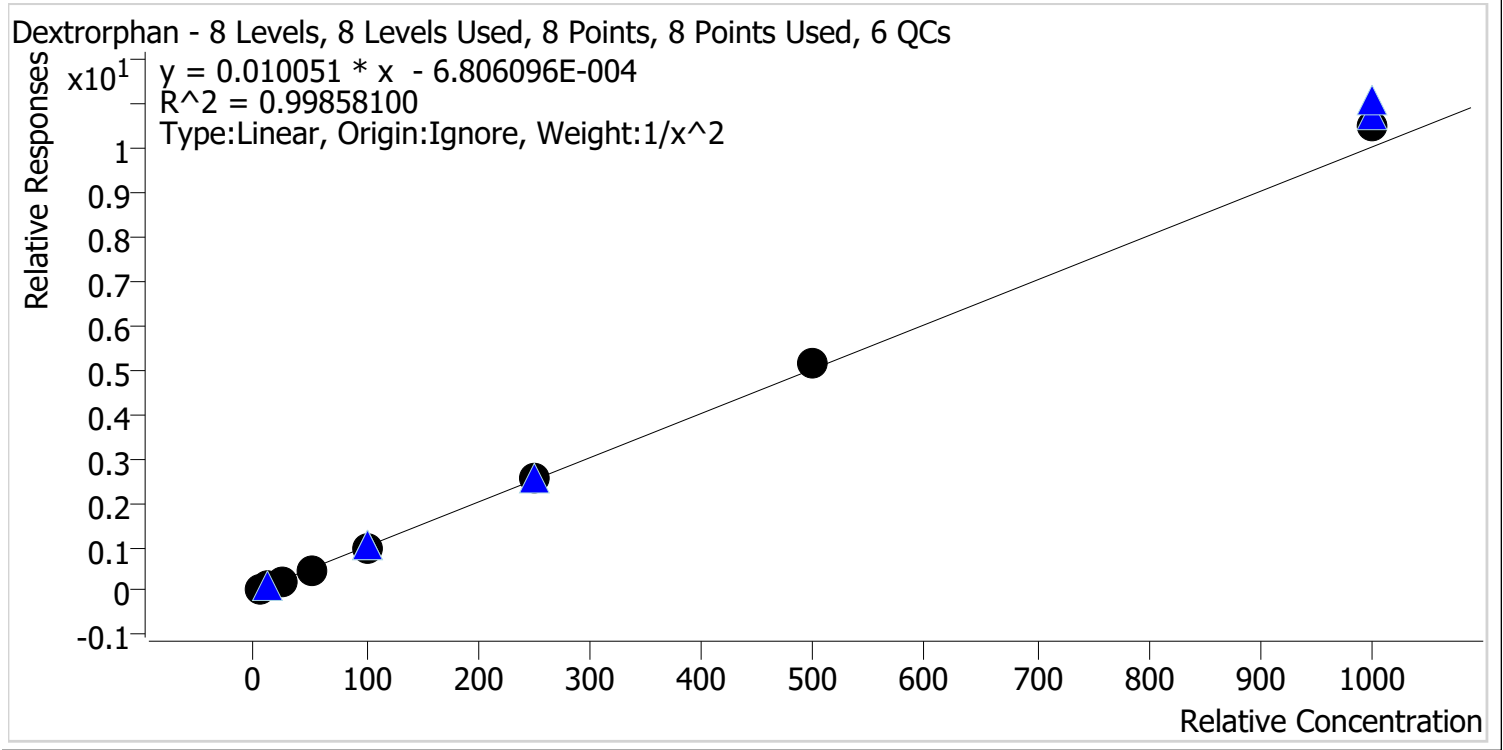


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	499.8	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1029.5	102.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3

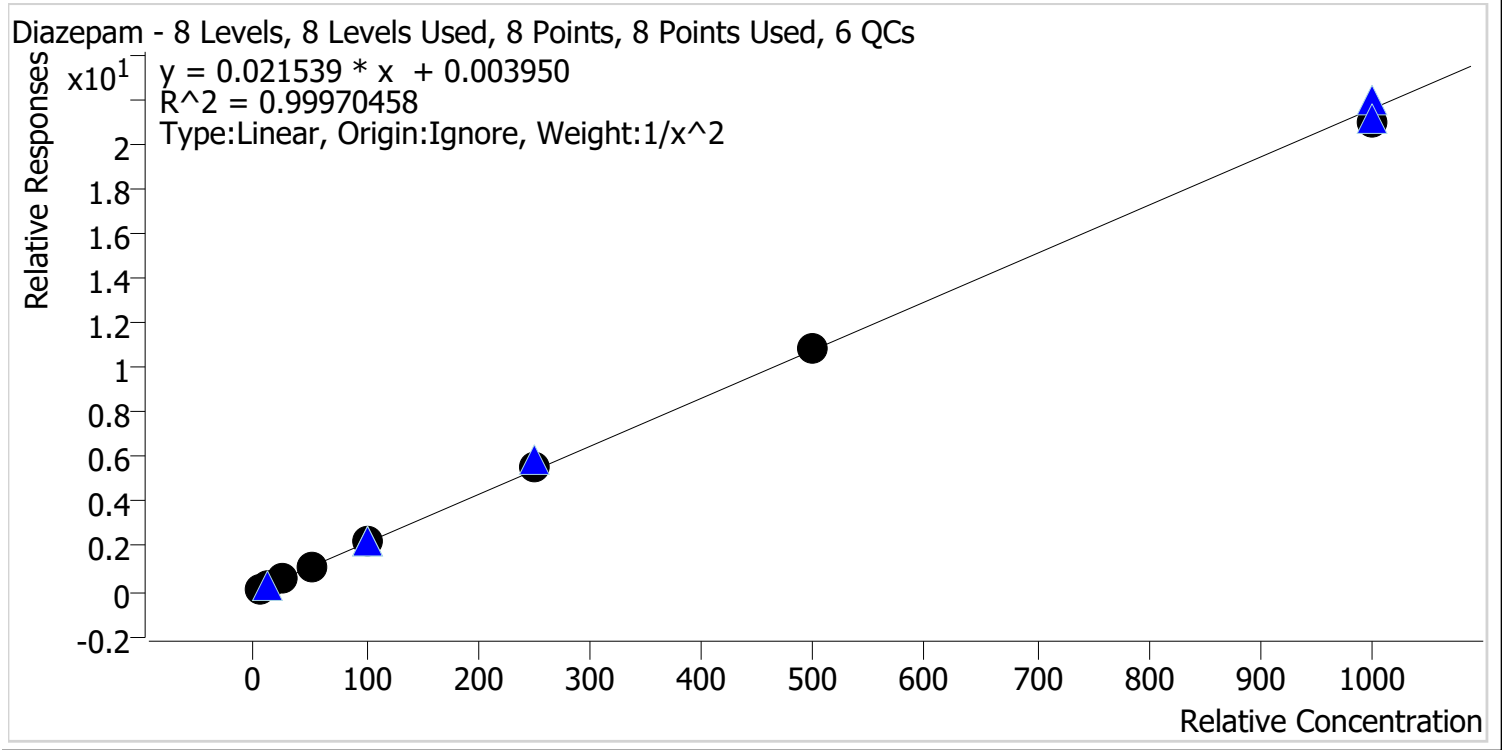


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	48.4	96.7
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	250.9	100.4
p1 Cal 7-500ng	7	✓	500.0	516.3	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1049.5	105.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5

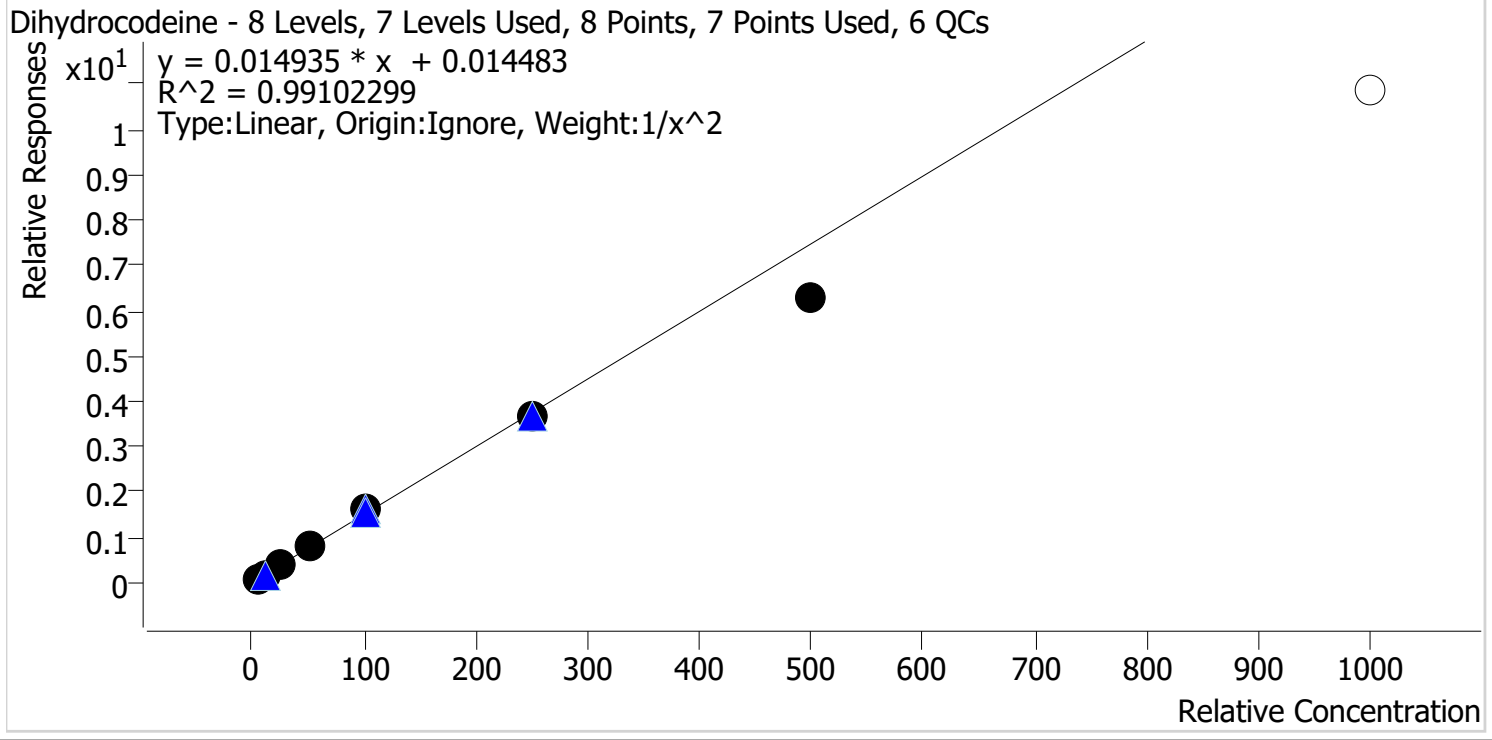


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.0
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	502.6	100.5
p1 Cal 8-1000ng	8	✓	1000.0	970.6	97.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.5
p1 Cal 4-50ng	4	✓	50.0	53.7	107.5
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	243.2	97.3
p1 Cal 7-500ng	7	✓	500.0	422.5	84.5
p1 Cal 8-1000ng	8	✗	1000.0	726.3	72.6

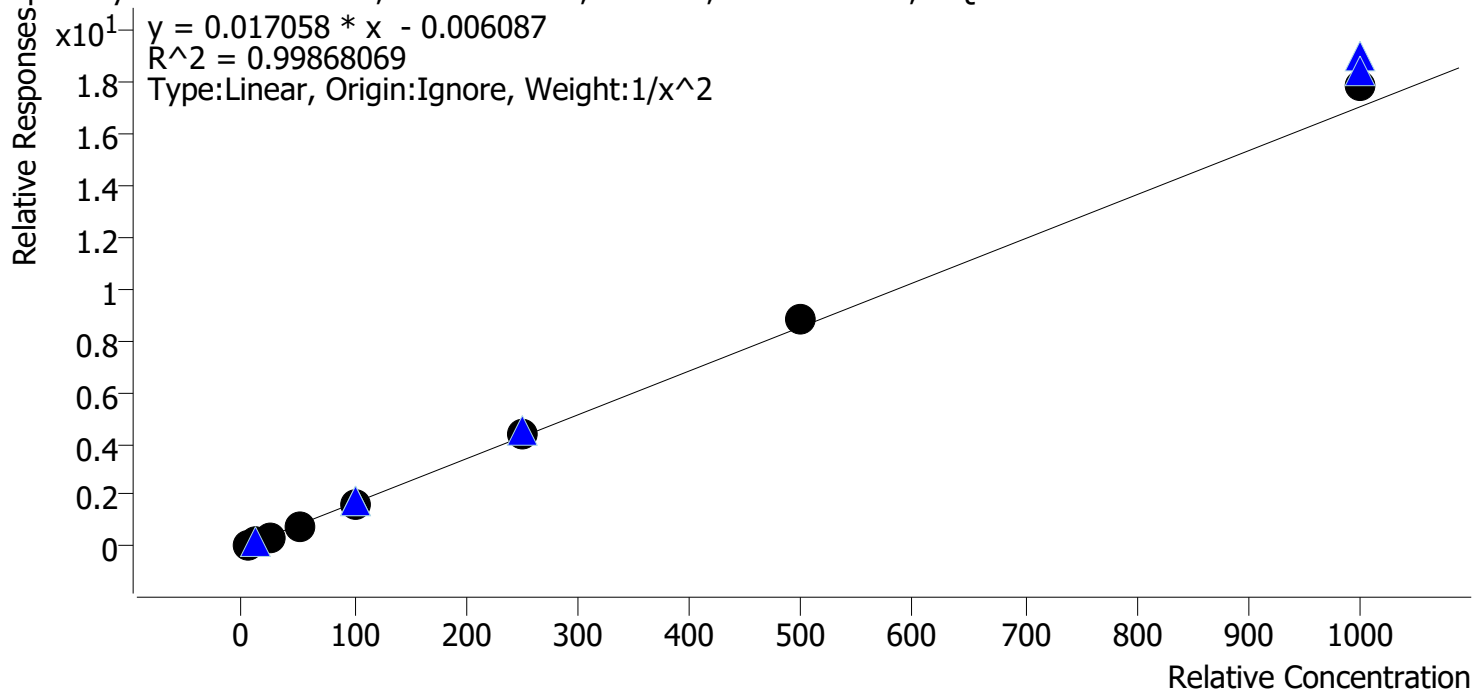
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

Diphenhydramine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

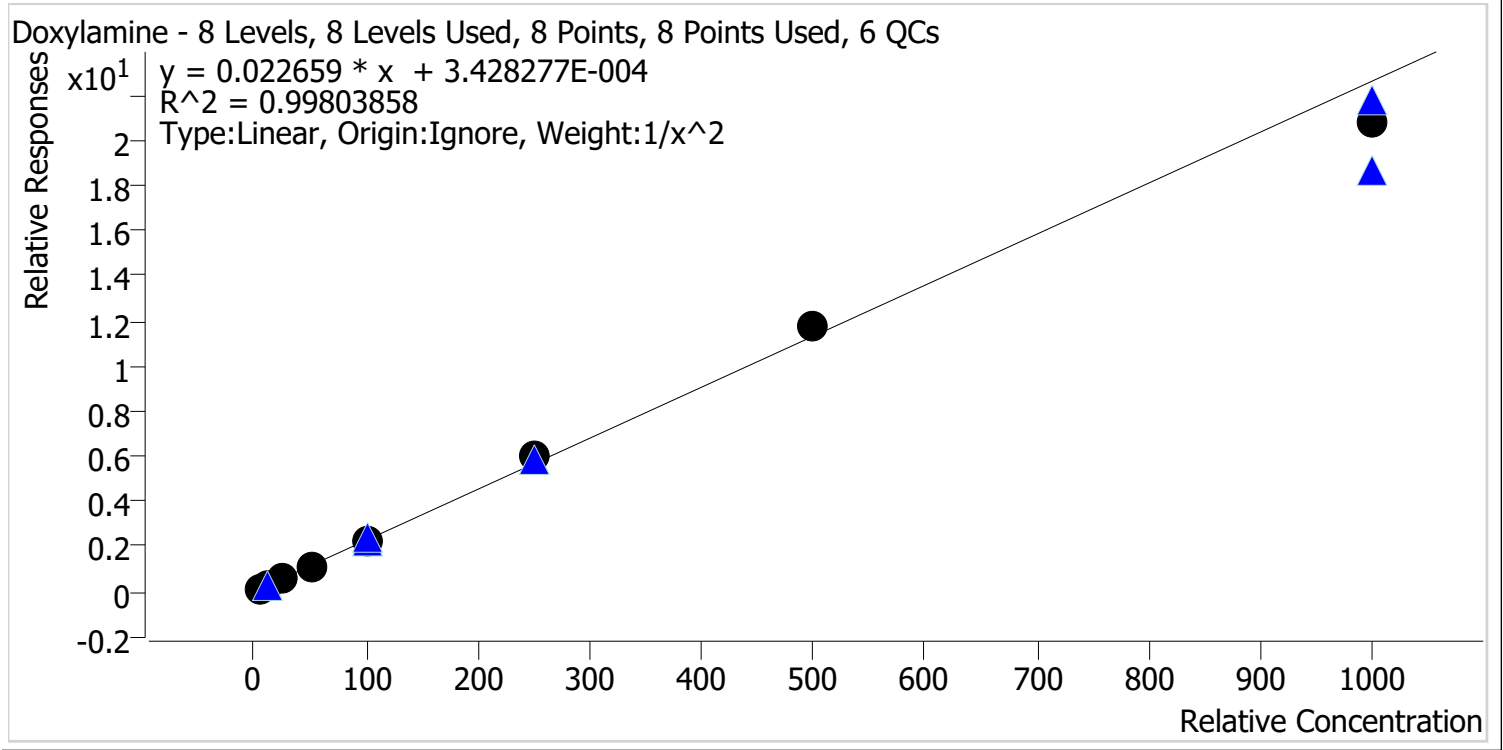


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1043.9	104.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5

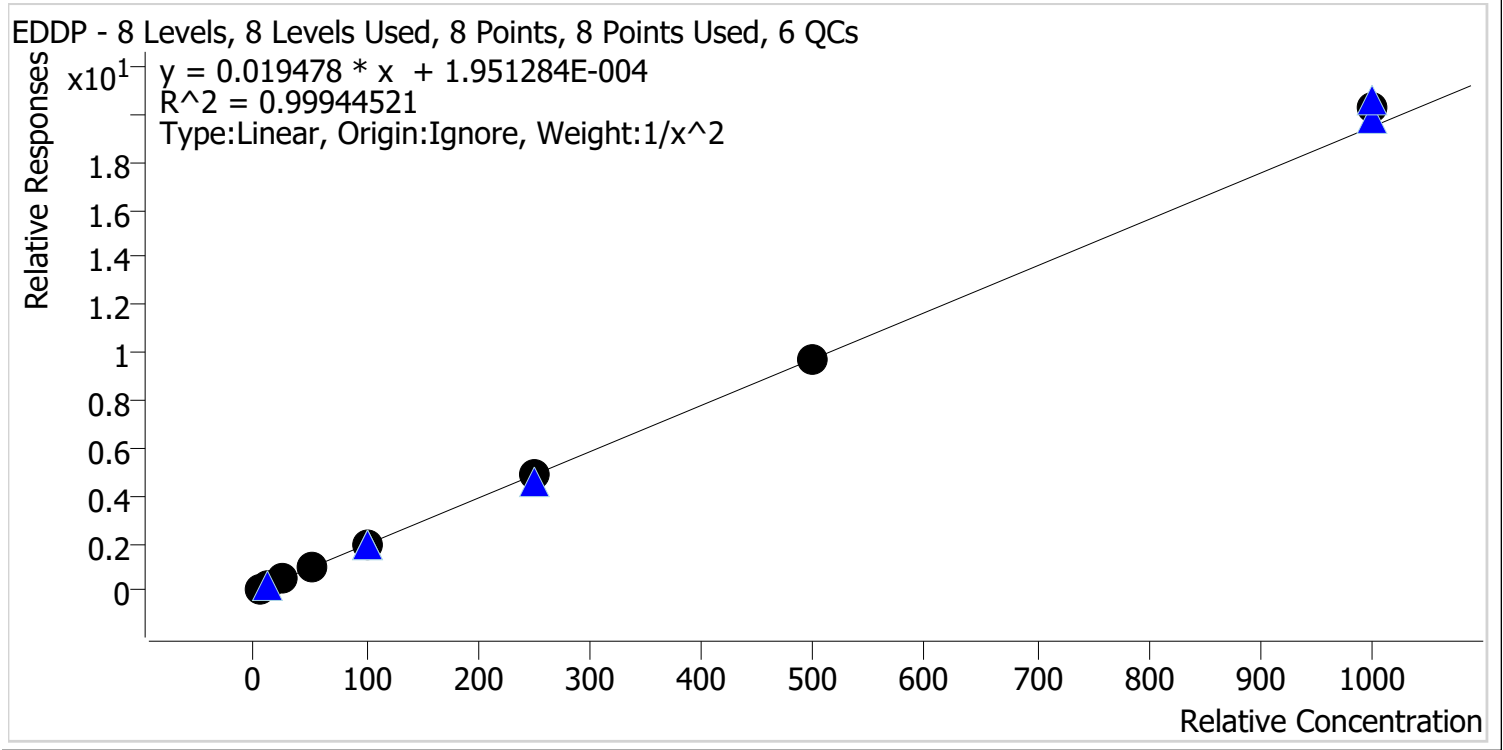


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	262.2	104.9
p1 Cal 7-500ng	7	✓	500.0	519.6	103.9
p1 Cal 8-1000ng	8	✓	1000.0	922.8	92.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte EDDP **Internal Standard** EDDP-D3



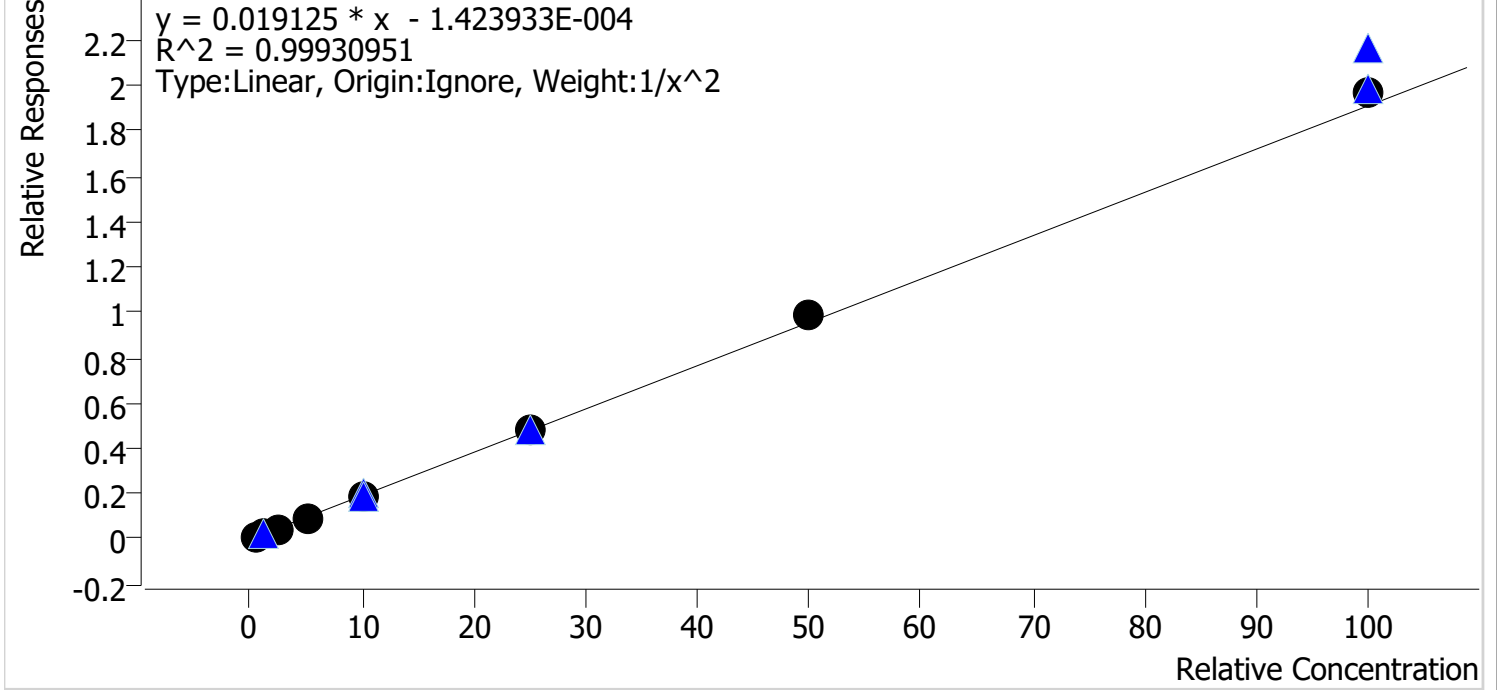
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.7
p1 Cal 4-50ng	4	✓	50.0	49.1	98.1
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	501.2	100.2
p1 Cal 8-1000ng	8	✓	1000.0	1043.2	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

Fentanyl - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.5
p1 Cal 2-10ng	2	✓	1.0	1.0	100.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.1
p1 Cal 4-50ng	4	✓	5.0	4.9	98.2
p1 Cal 5-100ng	5	✓	10.0	9.8	98.0
p1 Cal 6-250ng	6	✓	25.0	24.8	99.3
p1 Cal 7-500ng	7	✓	50.0	51.4	102.8
p1 Cal 8-1000ng	8	✓	100.0	103.4	103.4

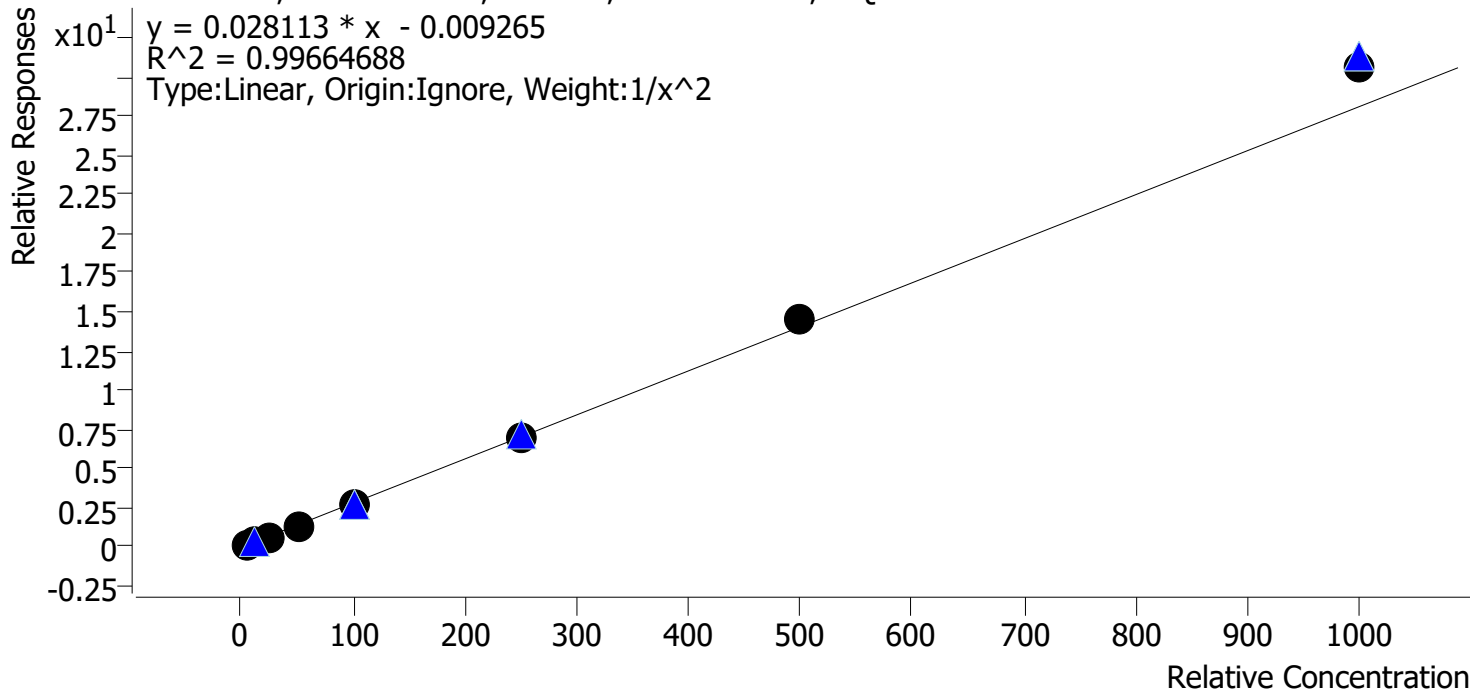
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

Fluoxetine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

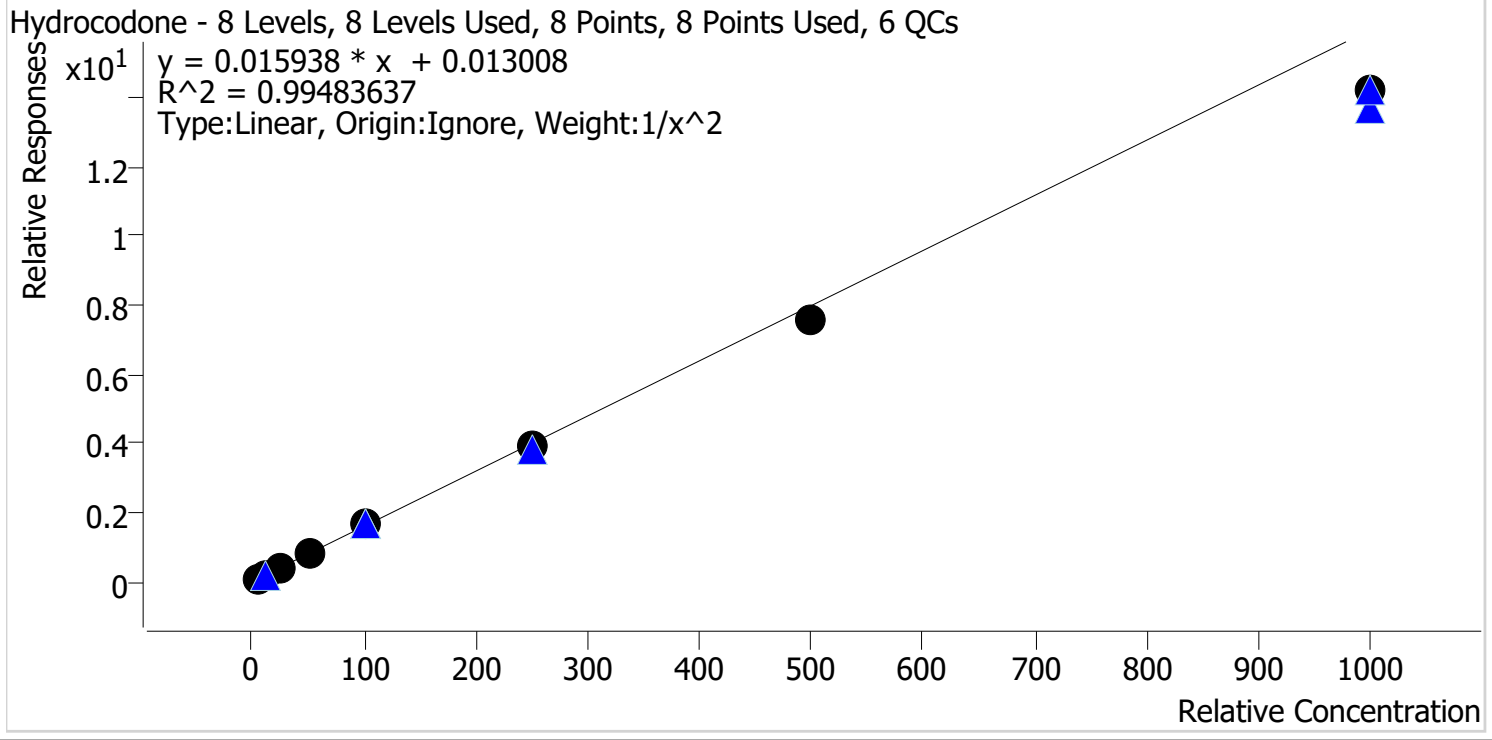


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	95.6
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	249.9	100.0
p1 Cal 7-500ng	7	✓	500.0	519.5	103.9
p1 Cal 8-1000ng	8	✓	1000.0	1089.5	108.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

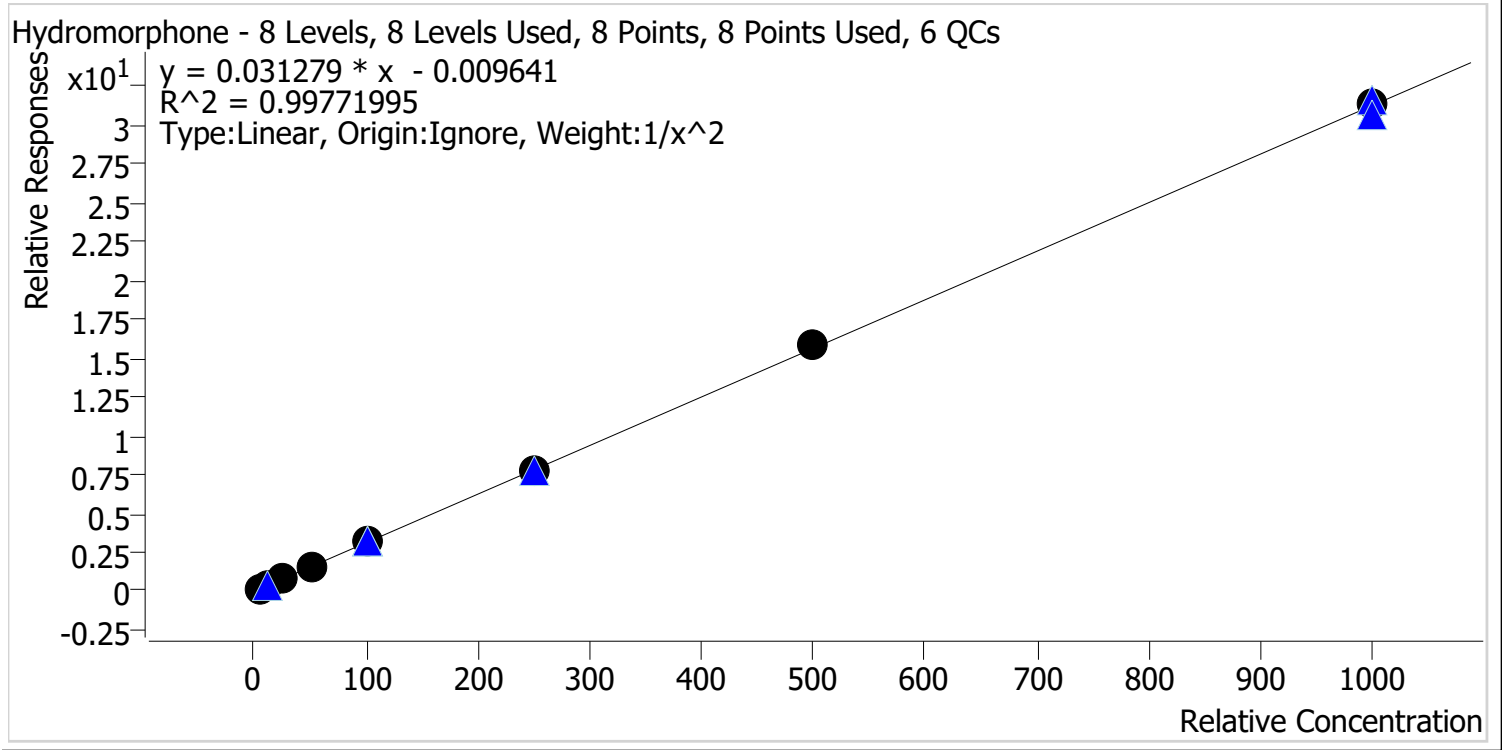


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng	6	✓	250.0	247.4	98.9
p1 Cal 7-500ng	7	✓	500.0	476.6	95.3
p1 Cal 8-1000ng	8	✓	1000.0	888.5	88.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

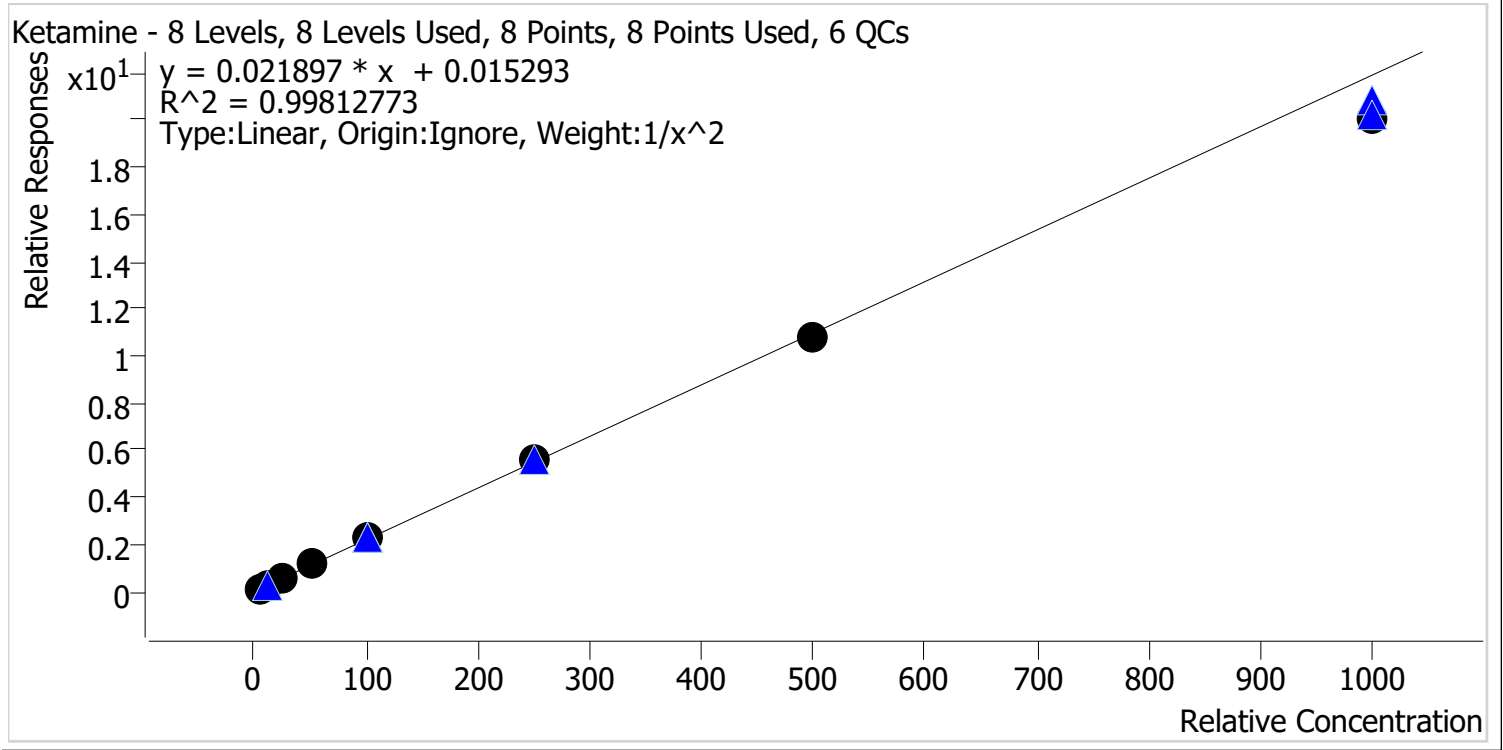


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.3
p1 Cal 2-10ng	2	✓	10.0	9.0	90.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.8	101.5
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	505.4	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1001.0	100.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



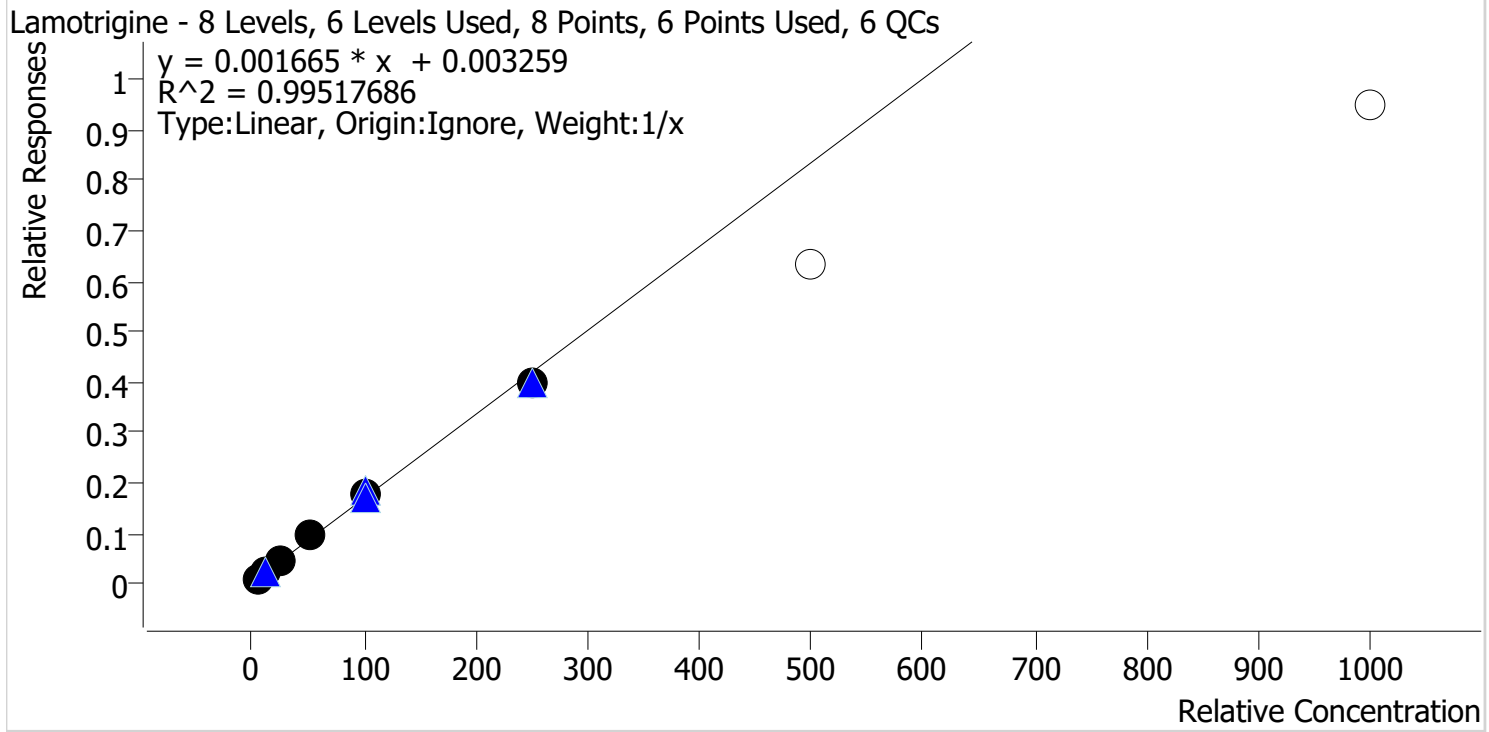
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.2
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	493.8	98.8
p1 Cal 8-1000ng	8	✓	1000.0	917.9	91.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Ketamine-D4



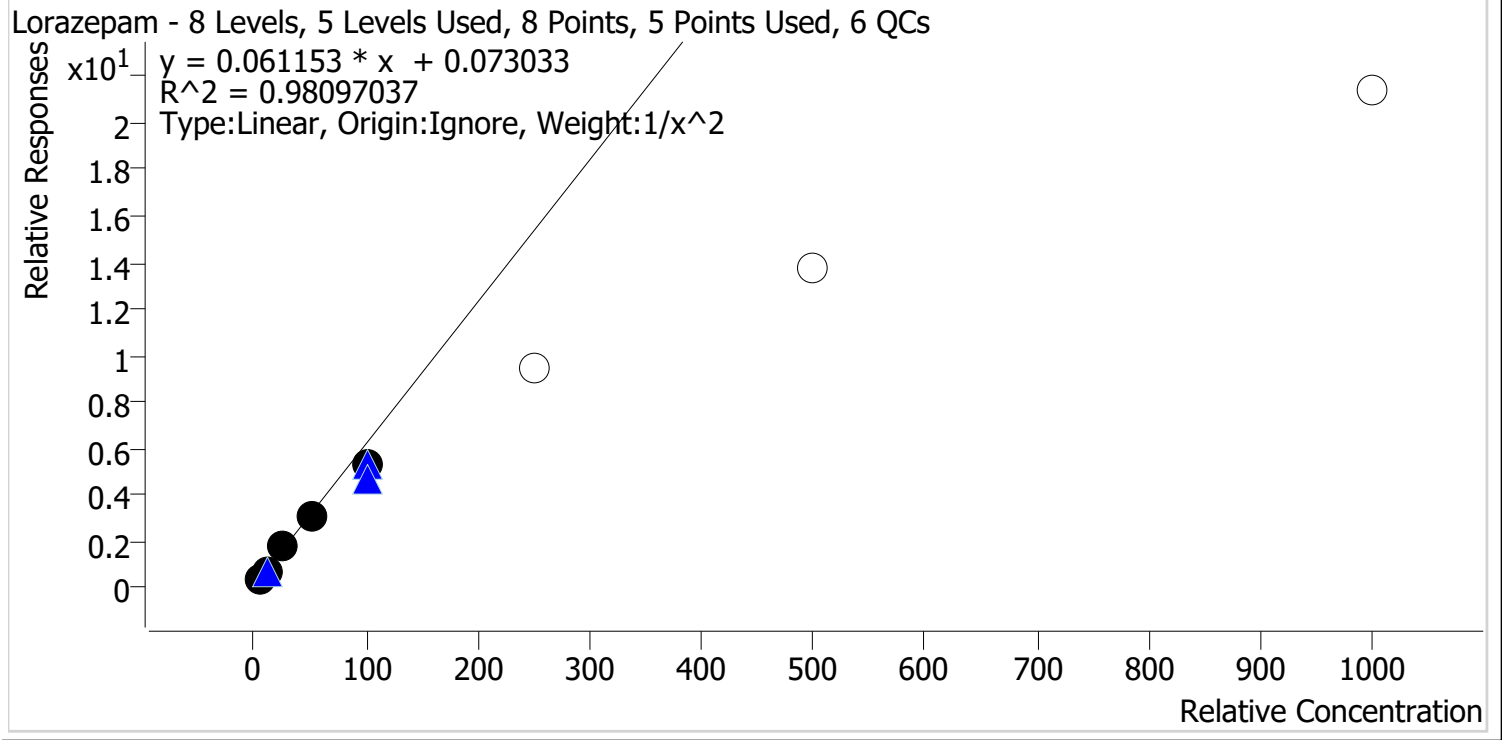
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.0	80.1
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	55.4	110.8
p1 Cal 5-100ng	5	✓	100.0	104.3	104.3
p1 Cal 6-250ng	6	✓	250.0	239.0	95.6
p1 Cal 7-500ng	7	x	500.0	380.5	76.1
p1 Cal 8-1000ng	8	x	1000.0	569.8	57.0

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Clonazepam-D4



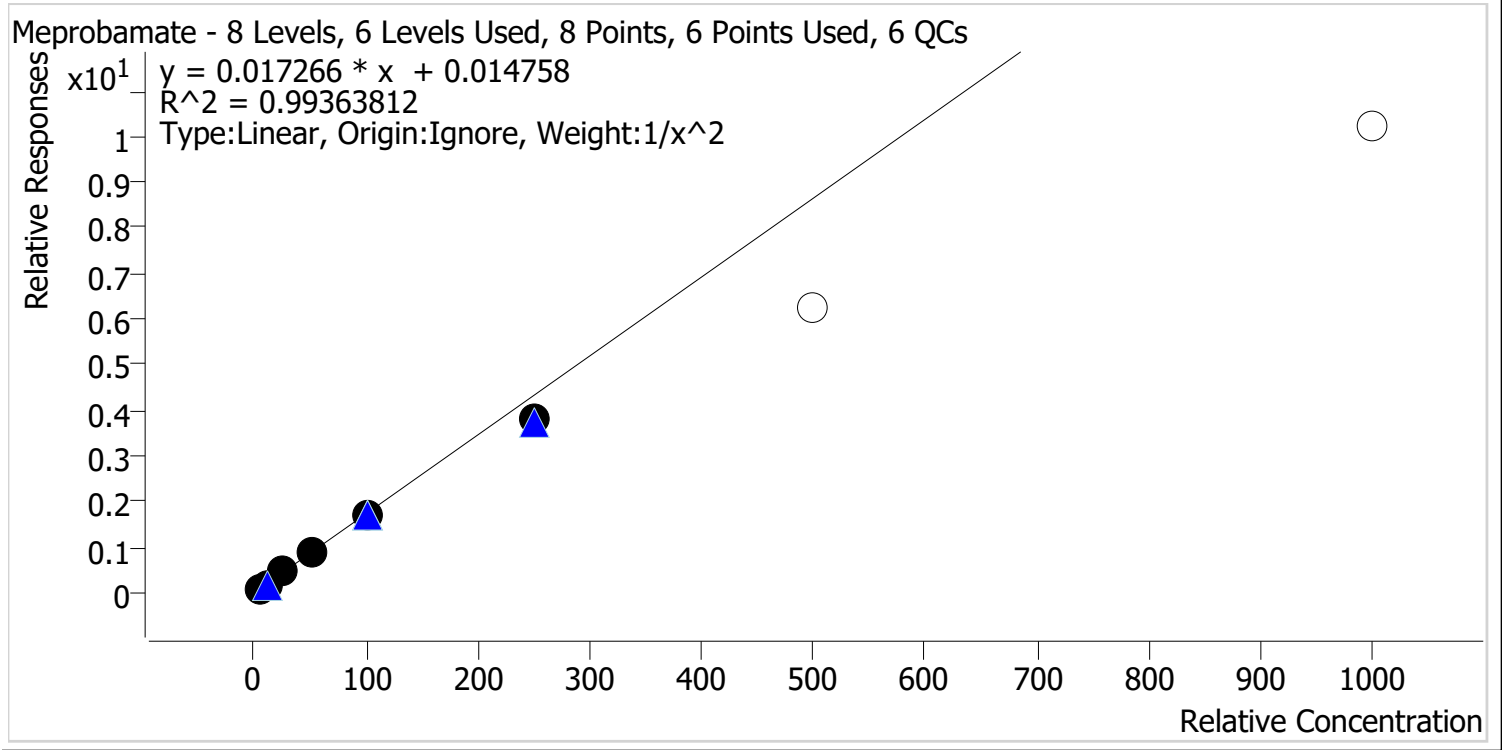
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	28.8	115.3
p1 Cal 4-50ng	4	✓	50.0	49.5	99.0
p1 Cal 5-100ng	5	✓	100.0	86.1	86.1
p1 Cal 6-250ng	6	✗	250.0	154.5	61.8
p1 Cal 7-500ng	7	✗	500.0	222.8	44.6
p1 Cal 8-1000ng	8	✗	1000.0	348.8	34.9

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



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	221.8	88.7
p1 Cal 7-500ng	7	✗	500.0	361.8	72.4
p1 Cal 8-1000ng	8	✗	1000.0	589.5	59.0

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

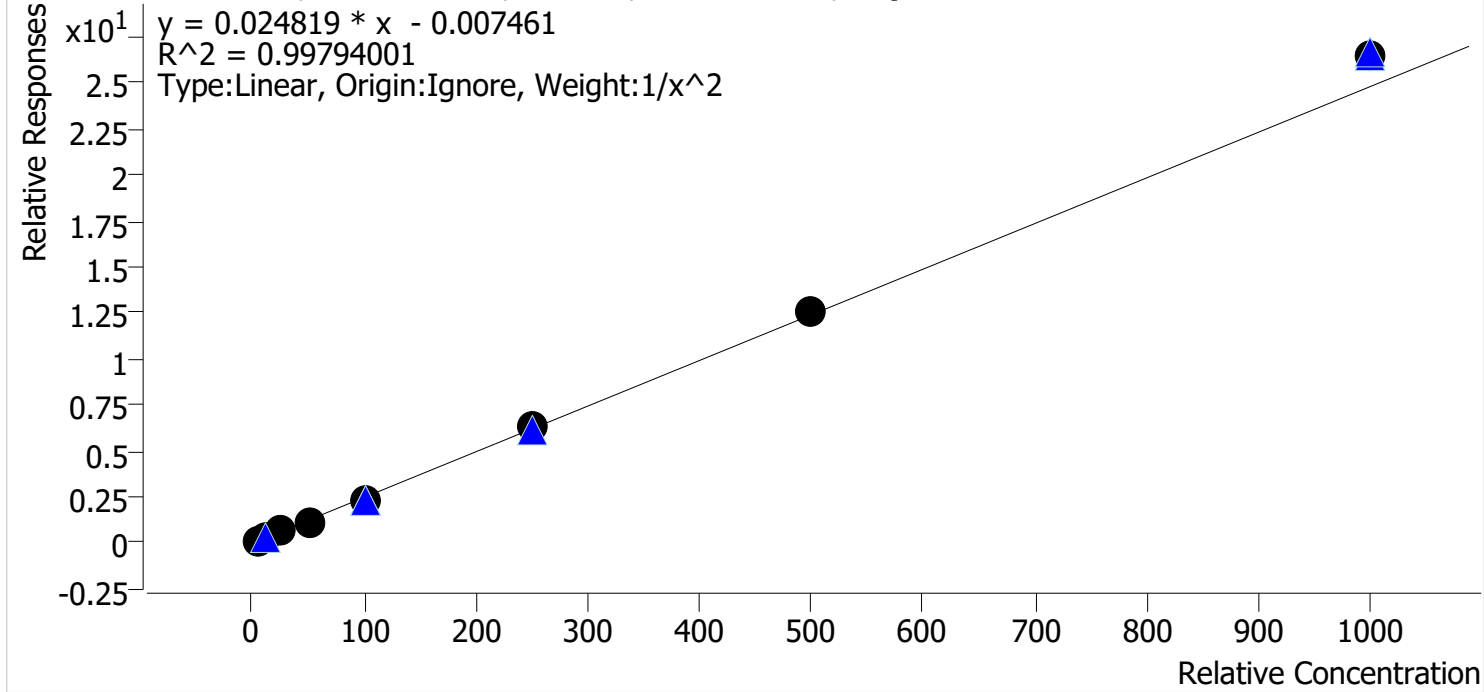
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9

Methadone - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

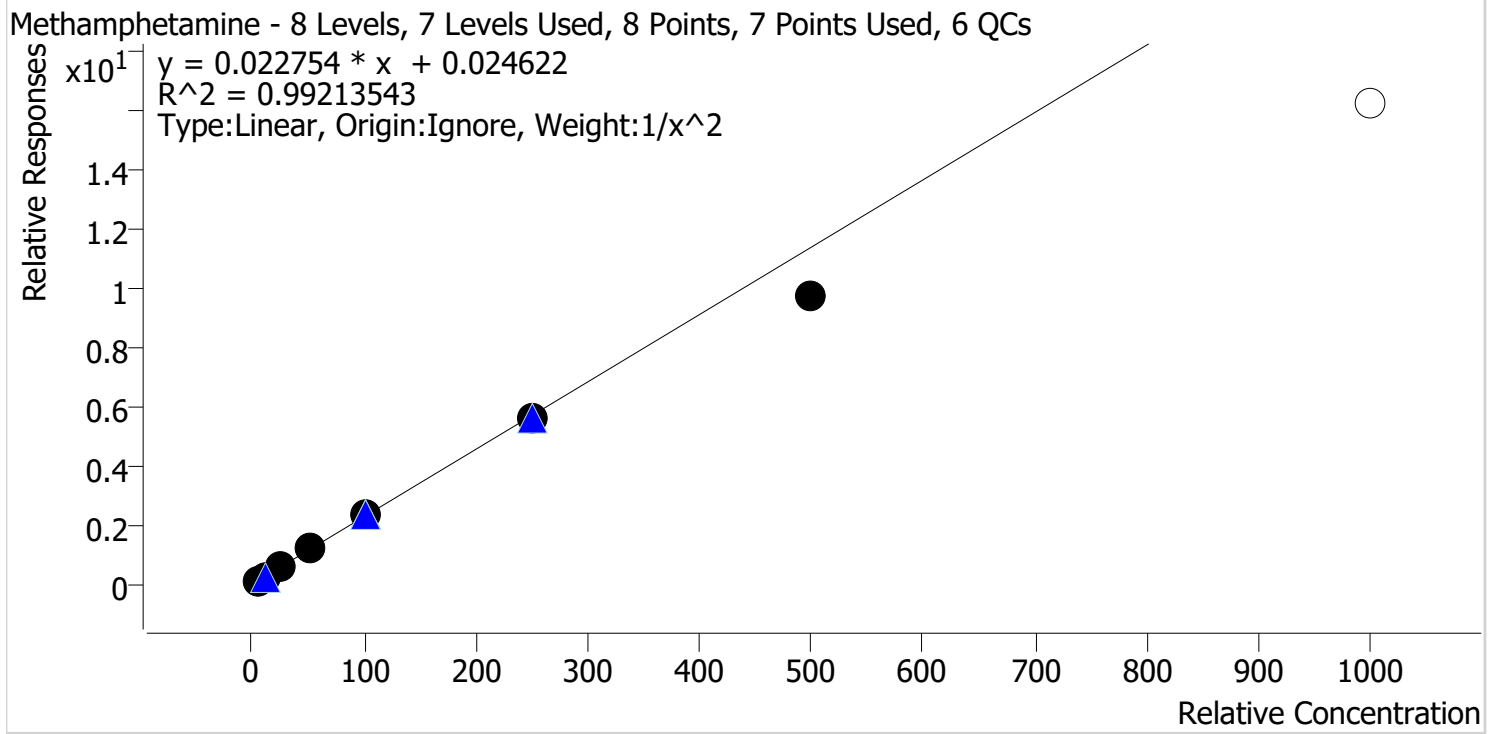


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.9
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	510.7	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1069.6	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	53.9	107.8
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	245.2	98.1
p1 Cal 7-500ng	7	✓	500.0	427.1	85.4
p1 Cal 8-1000ng	8	✗	1000.0	715.0	71.5

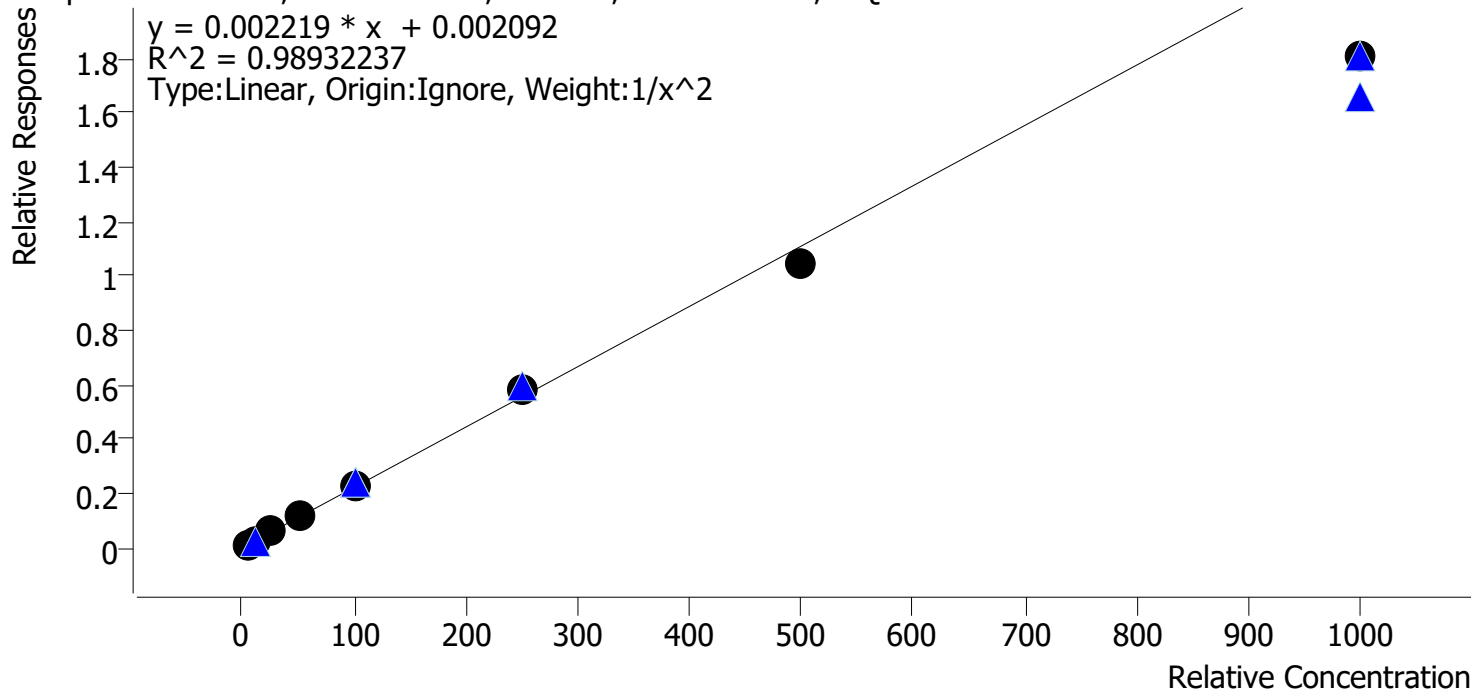
Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

Metoprolol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

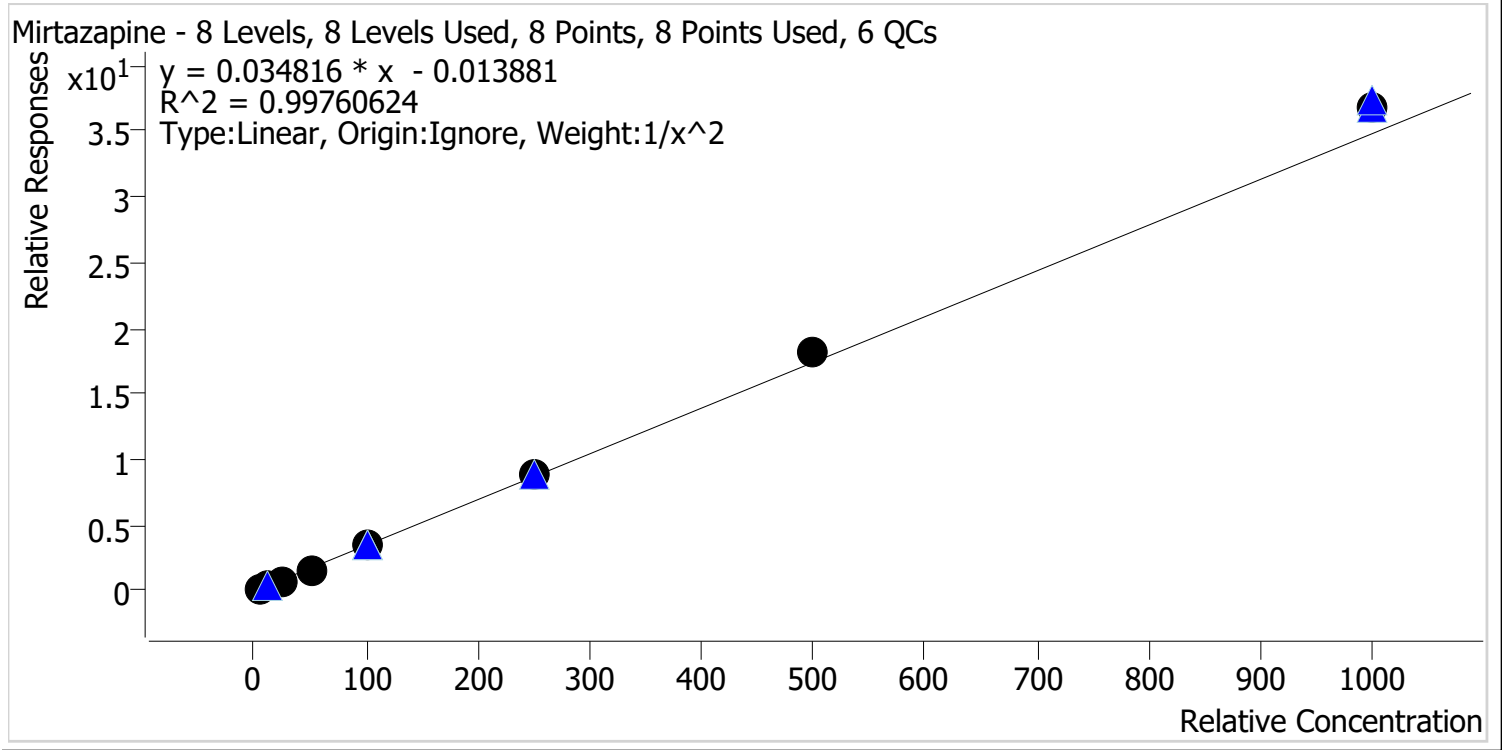


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng	4	✓	50.0	55.0	110.1
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	264.9	106.0
p1 Cal 7-500ng	7	✓	500.0	473.7	94.7
p1 Cal 8-1000ng	8	✓	1000.0	813.4	81.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-d8

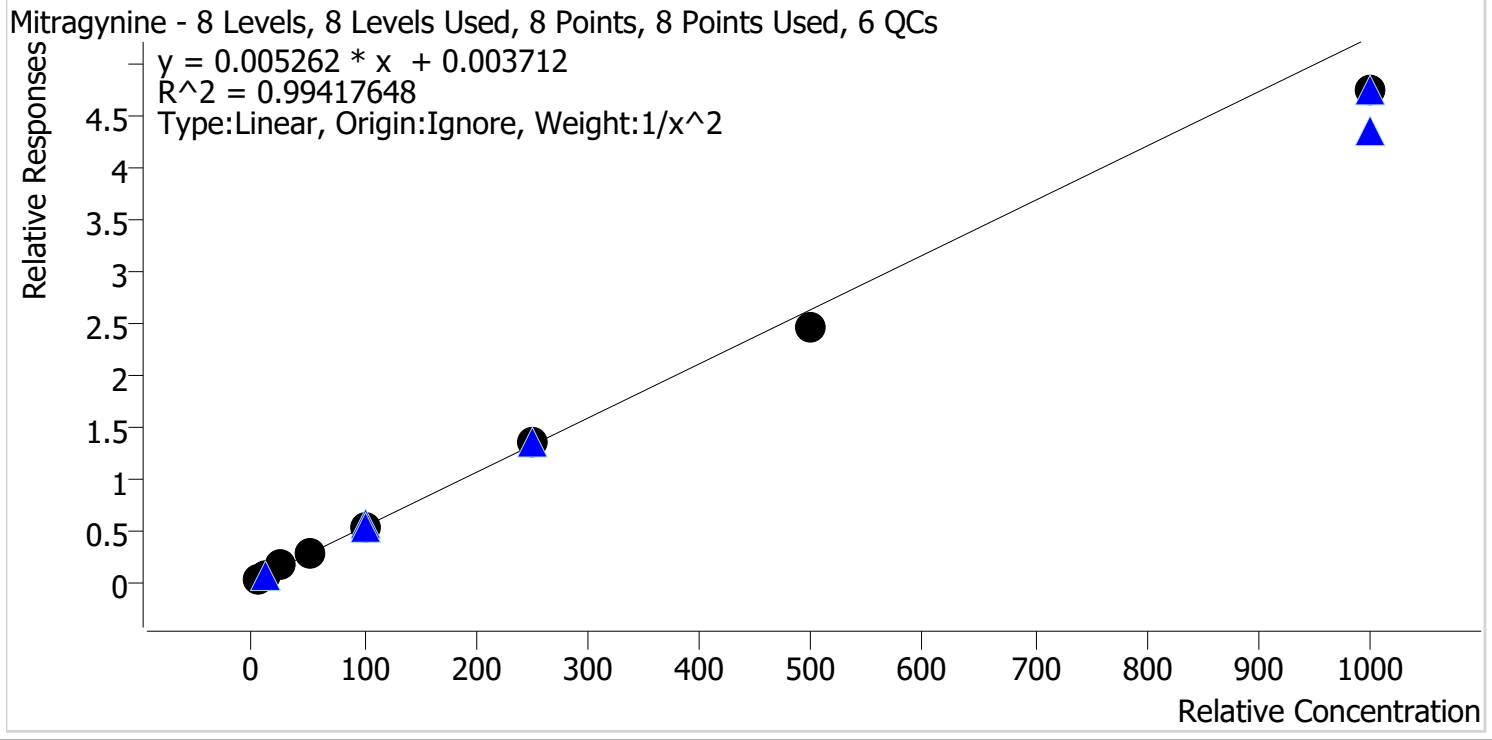


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng	4	✓	50.0	48.2	96.3
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	524.2	104.8
p1 Cal 8-1000ng	8	✓	1000.0	1056.0	105.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

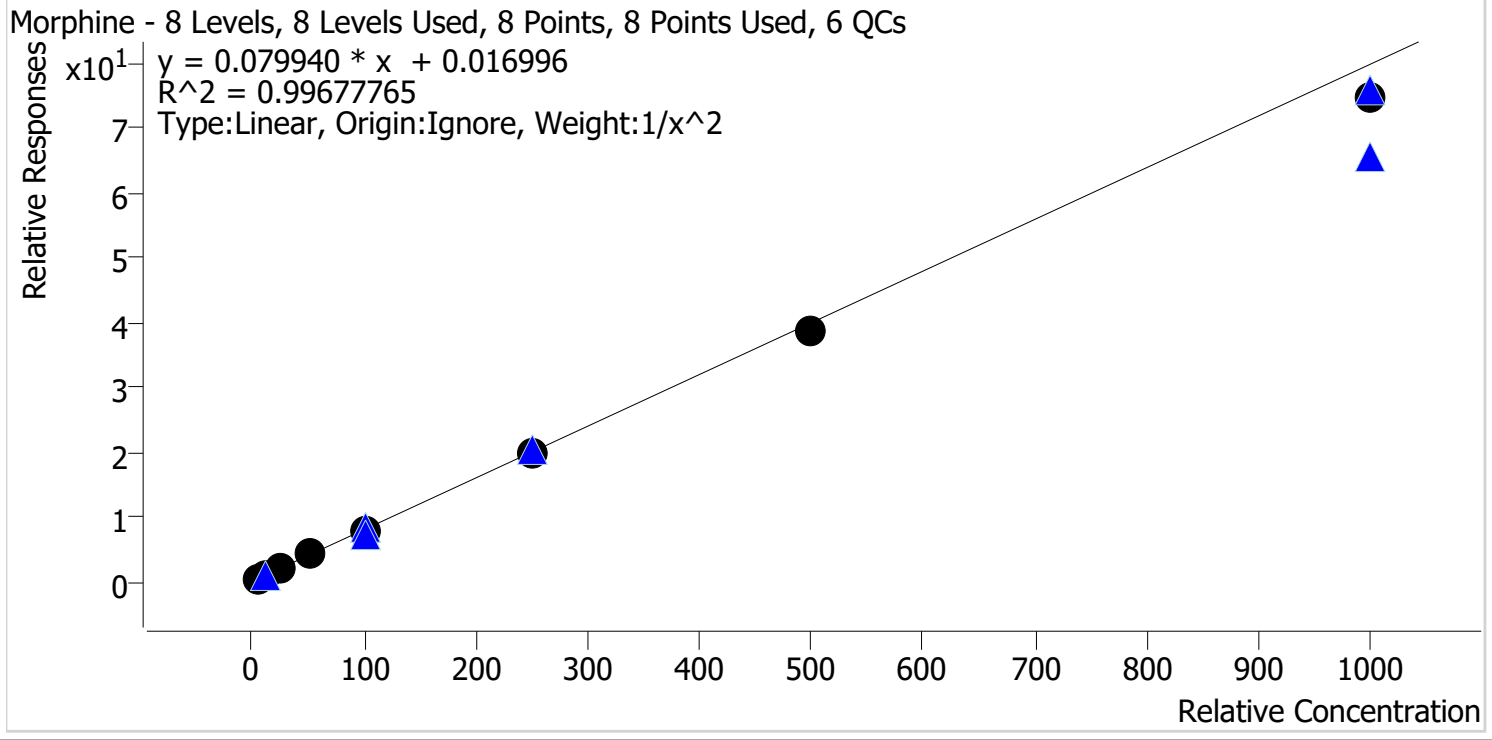


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	256.2	102.5
p1 Cal 7-500ng	7	✓	500.0	465.8	93.2
p1 Cal 8-1000ng	8	✓	1000.0	901.3	90.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



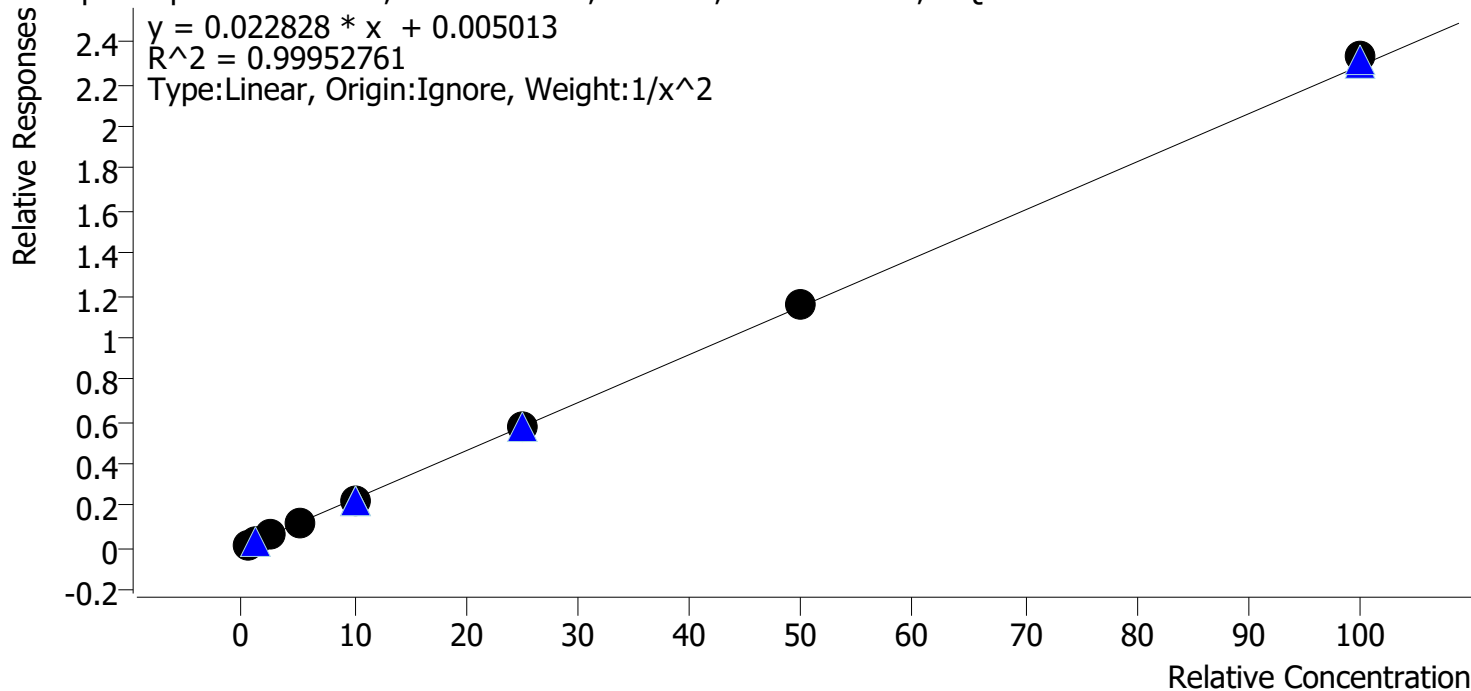
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng	4	✓	50.0	52.9	105.9
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	244.5	97.8
p1 Cal 7-500ng	7	✓	500.0	486.5	97.3
p1 Cal 8-1000ng	8	✓	1000.0	939.5	93.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

Norbuprenorphine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs

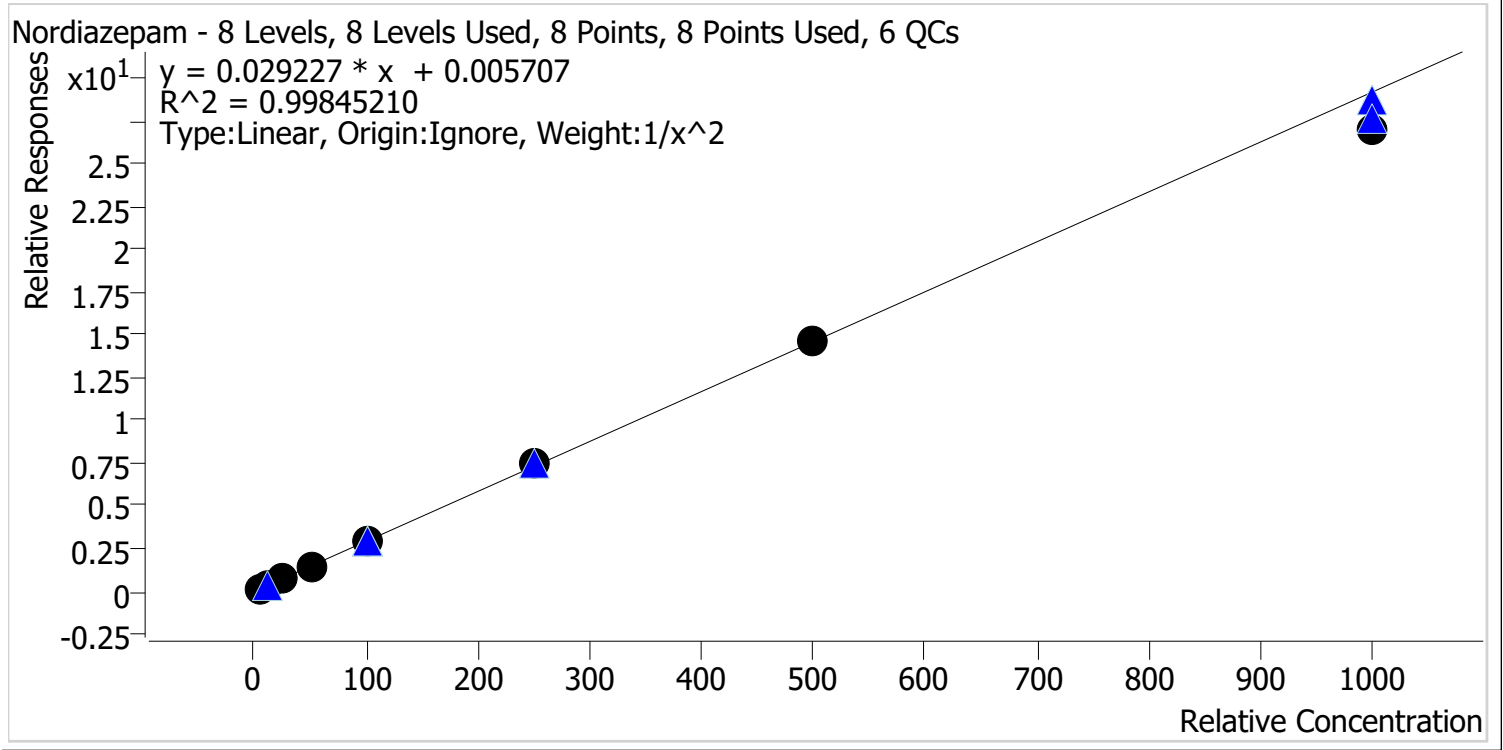


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.9
p1 Cal 2-10ng	2	✓	1.0	1.0	103.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.3
p1 Cal 4-50ng	4	✓	5.0	4.9	98.9
p1 Cal 5-100ng	5	✓	10.0	9.8	98.0
p1 Cal 6-250ng	6	✓	25.0	24.9	99.7
p1 Cal 7-500ng	7	✓	50.0	50.5	101.0
p1 Cal 8-1000ng	8	✓	100.0	101.9	101.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	51.1	102.1
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	252.6	101.1
p1 Cal 7-500ng	7	✓	500.0	501.1	100.2
p1 Cal 8-1000ng	8	✓	1000.0	921.2	92.1

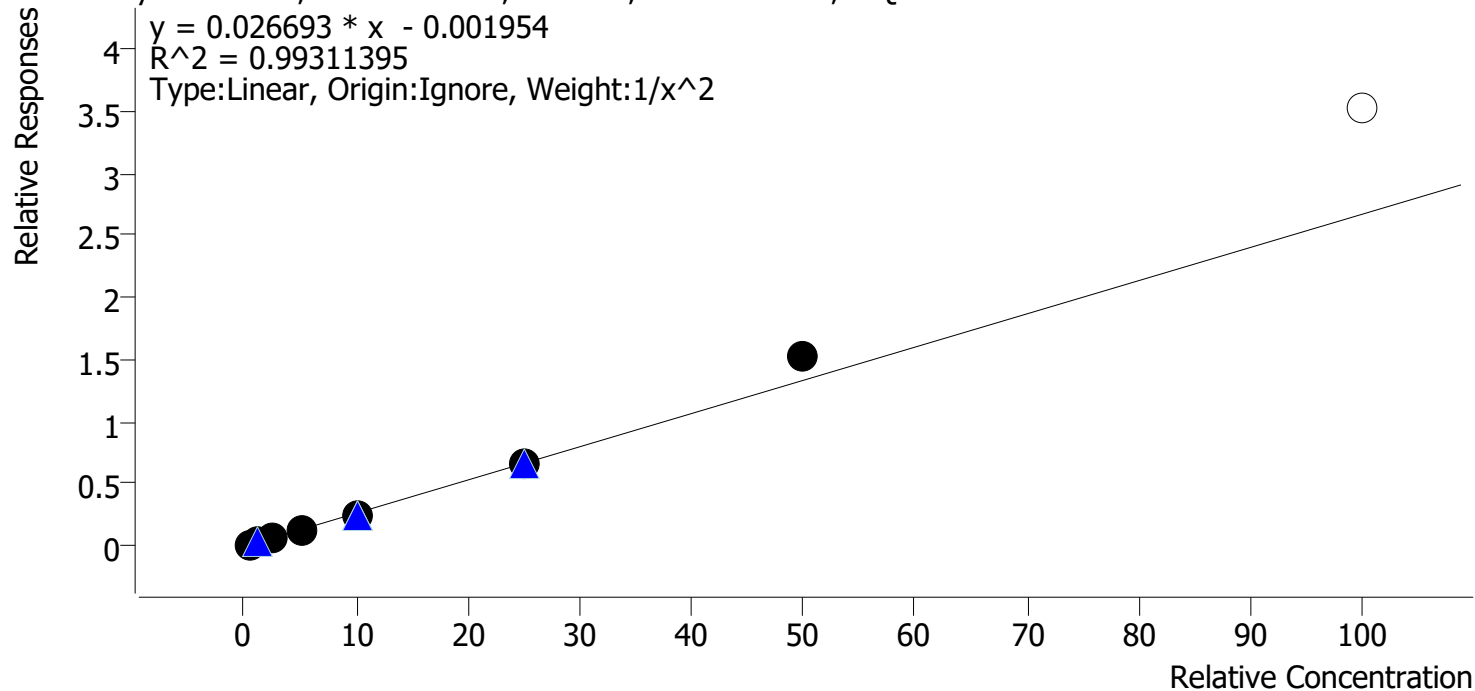
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5

Norfentanyl - 8 Levels, 7 Levels Used, 8 Points, 7 Points Used, 6 QCs



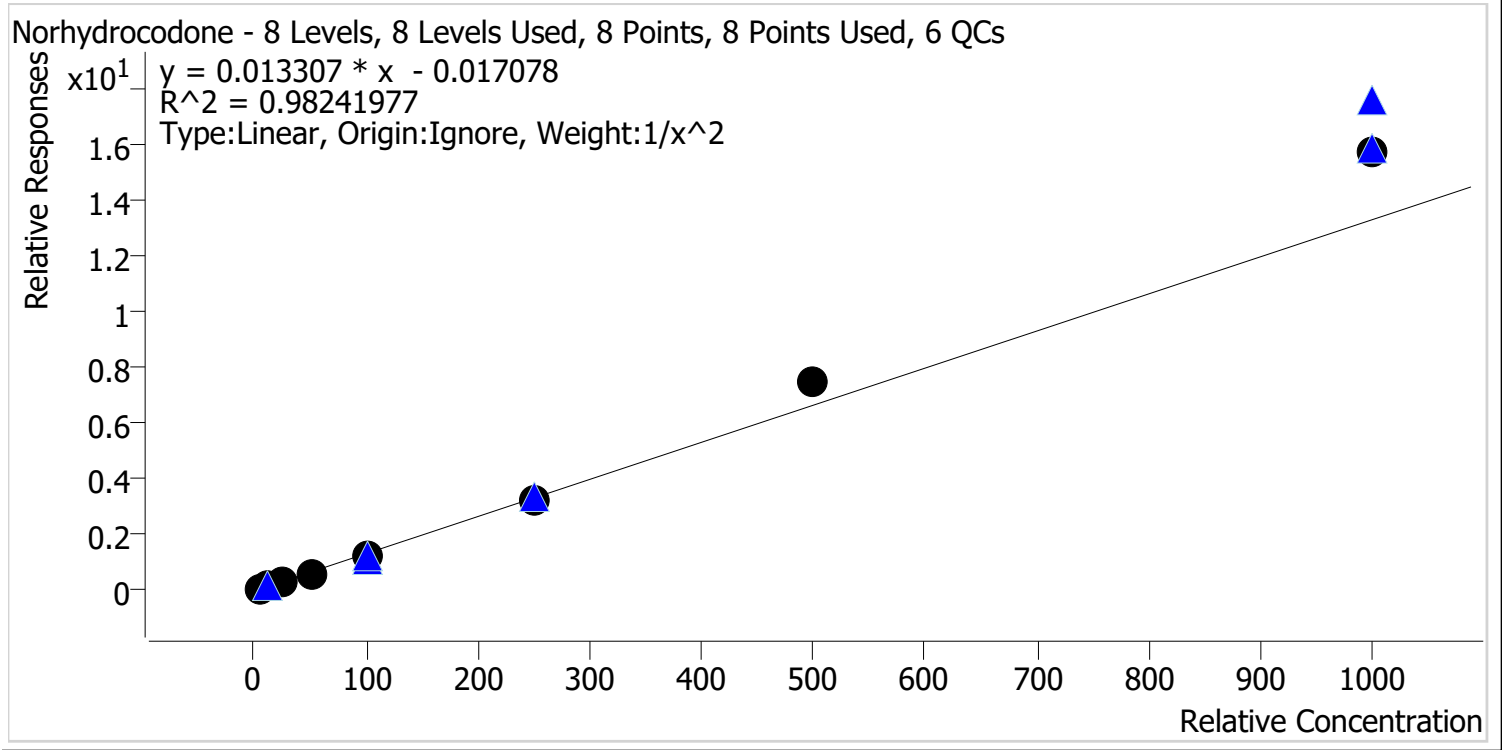
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.8
p1 Cal 2-10ng	2	✓	1.0	1.0	98.1
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.0
p1 Cal 4-50ng	4	✓	5.0	4.7	94.3
p1 Cal 5-100ng	5	✓	10.0	9.6	95.8
p1 Cal 6-250ng	6	✓	25.0	25.2	100.9
p1 Cal 7-500ng	7	✓	50.0	57.1	114.1
p1 Cal 8-1000ng	8	✗	100.0	132.4	132.4

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



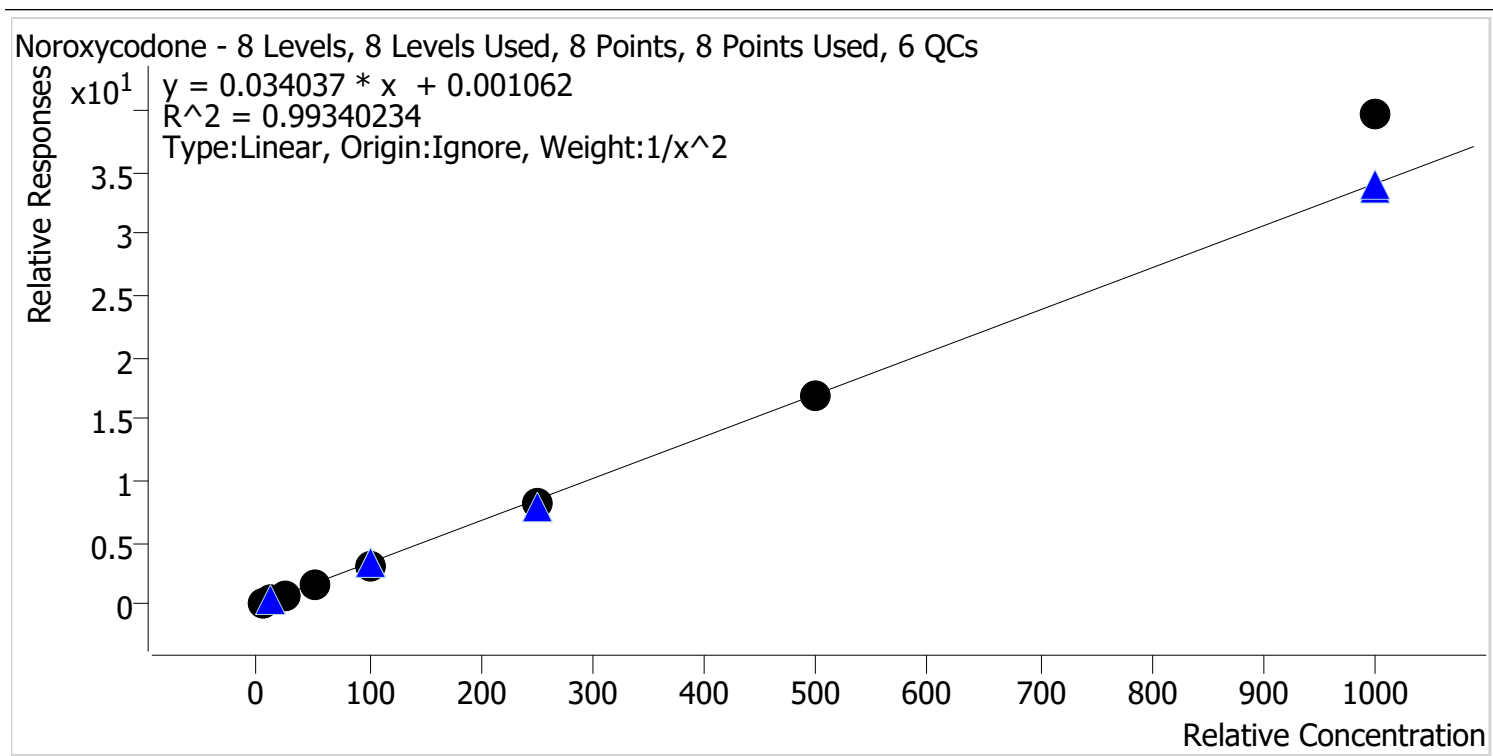
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.4	107.3
p1 Cal 2-10ng	2	✓	10.0	9.3	93.1
p1 Cal 3 -25ng	3	✓	25.0	21.5	86.2
p1 Cal 4-50ng	4	✓	50.0	44.6	89.3
p1 Cal 5-100ng	5	✓	100.0	95.5	95.5
p1 Cal 6-250ng	6	✓	250.0	242.7	97.1
p1 Cal 7-500ng	7	✓	500.0	566.0	113.2
p1 Cal 8-1000ng	8	✓	1000.0	1182.7	118.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3

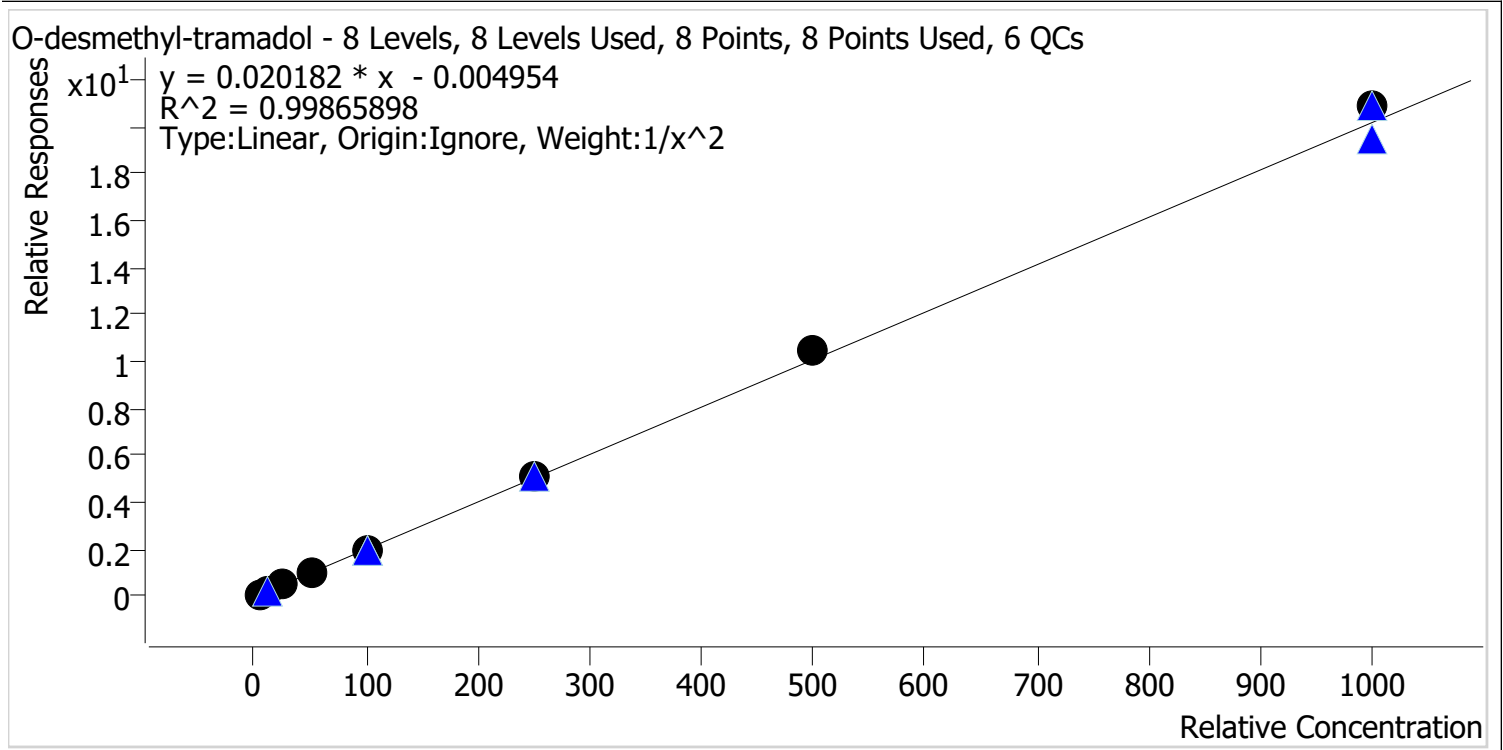


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.1	96.2
p1 Cal 5-100ng	5	✓	100.0	95.2	95.2
p1 Cal 6-250ng	6	✓	250.0	237.9	95.2
p1 Cal 7-500ng	7	✓	500.0	500.1	100.0
p1 Cal 8-1000ng	8	✓	1000.0	1164.1	116.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



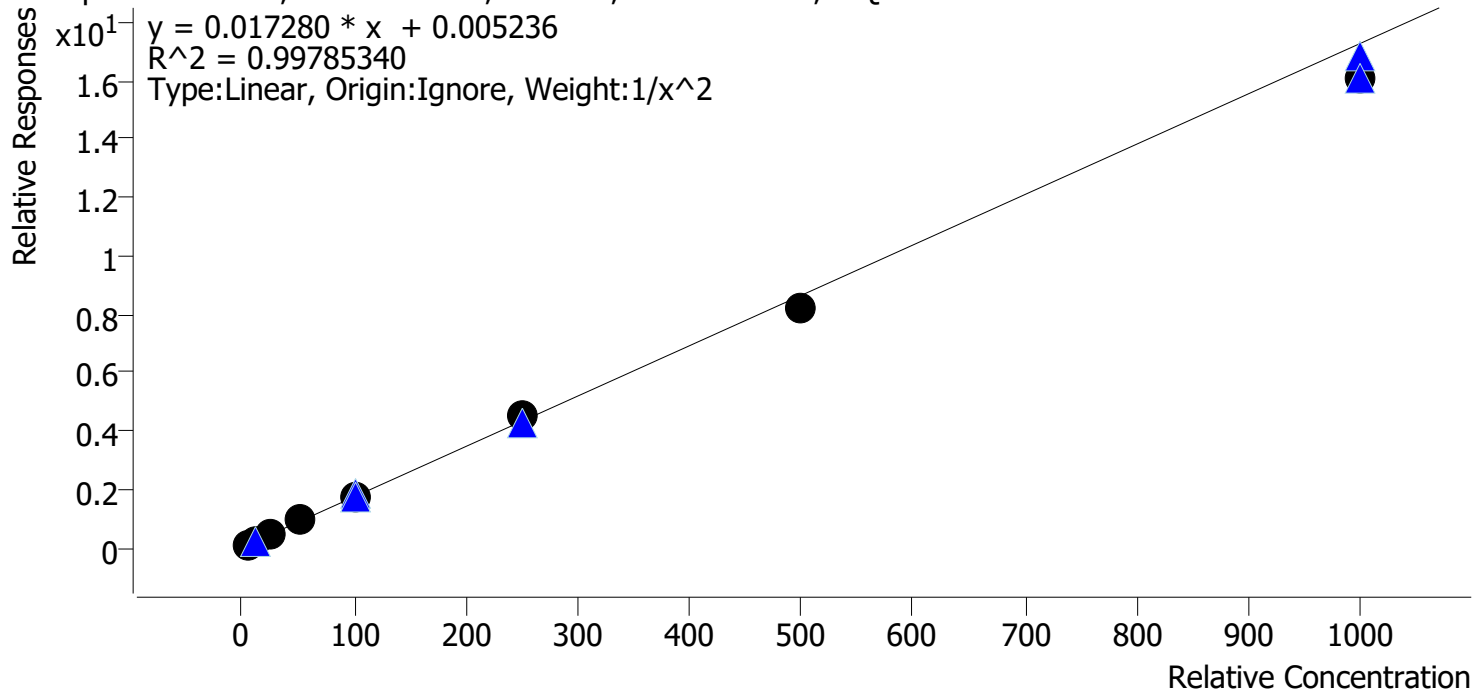
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.2
p1 Cal 4-50ng	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	254.6	101.8
p1 Cal 7-500ng	7	✓	500.0	521.0	104.2
p1 Cal 8-1000ng	8	✓	1000.0	1034.3	103.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5

Oxazepam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



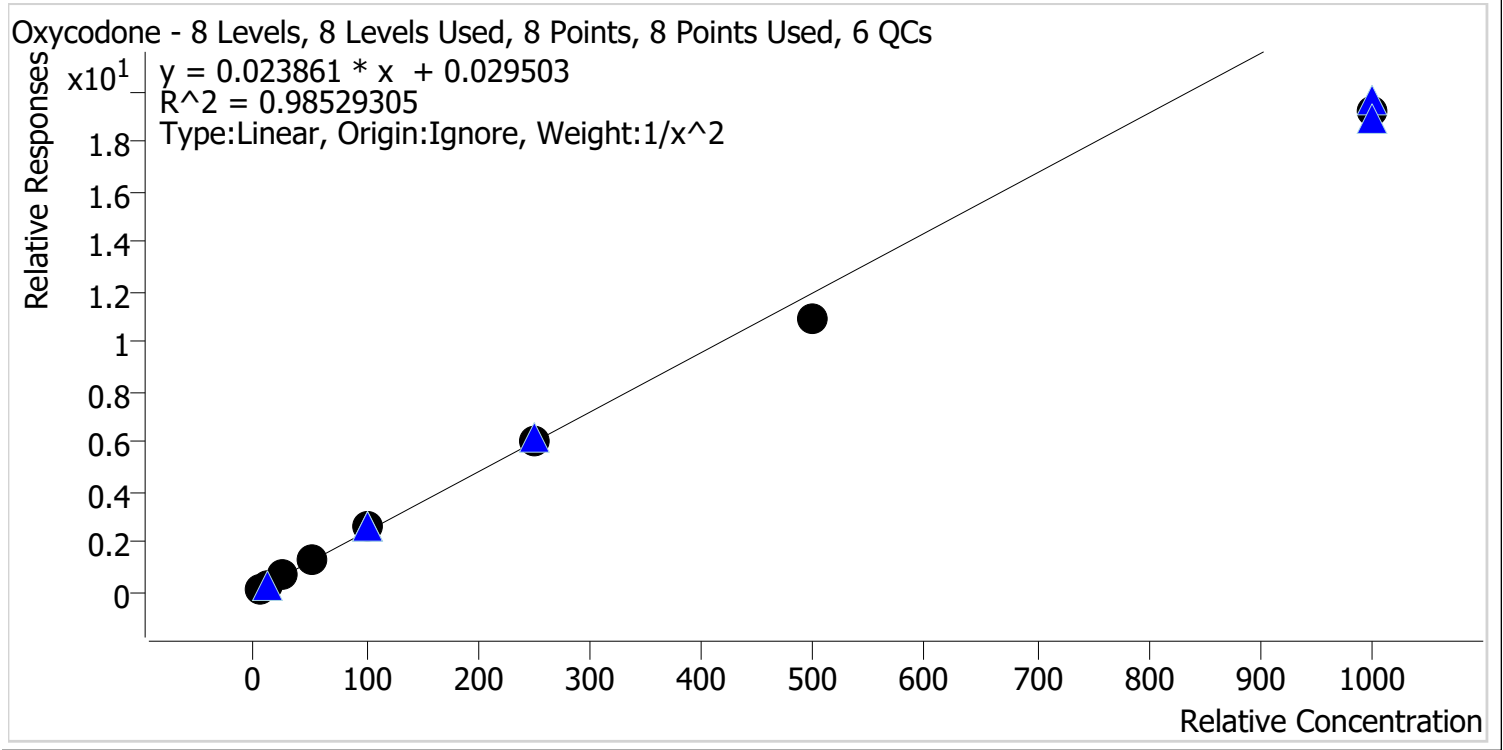
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	258.7	103.5
p1 Cal 7-500ng	7	✓	500.0	477.6	95.5
p1 Cal 8-1000ng	8	✓	1000.0	931.3	93.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

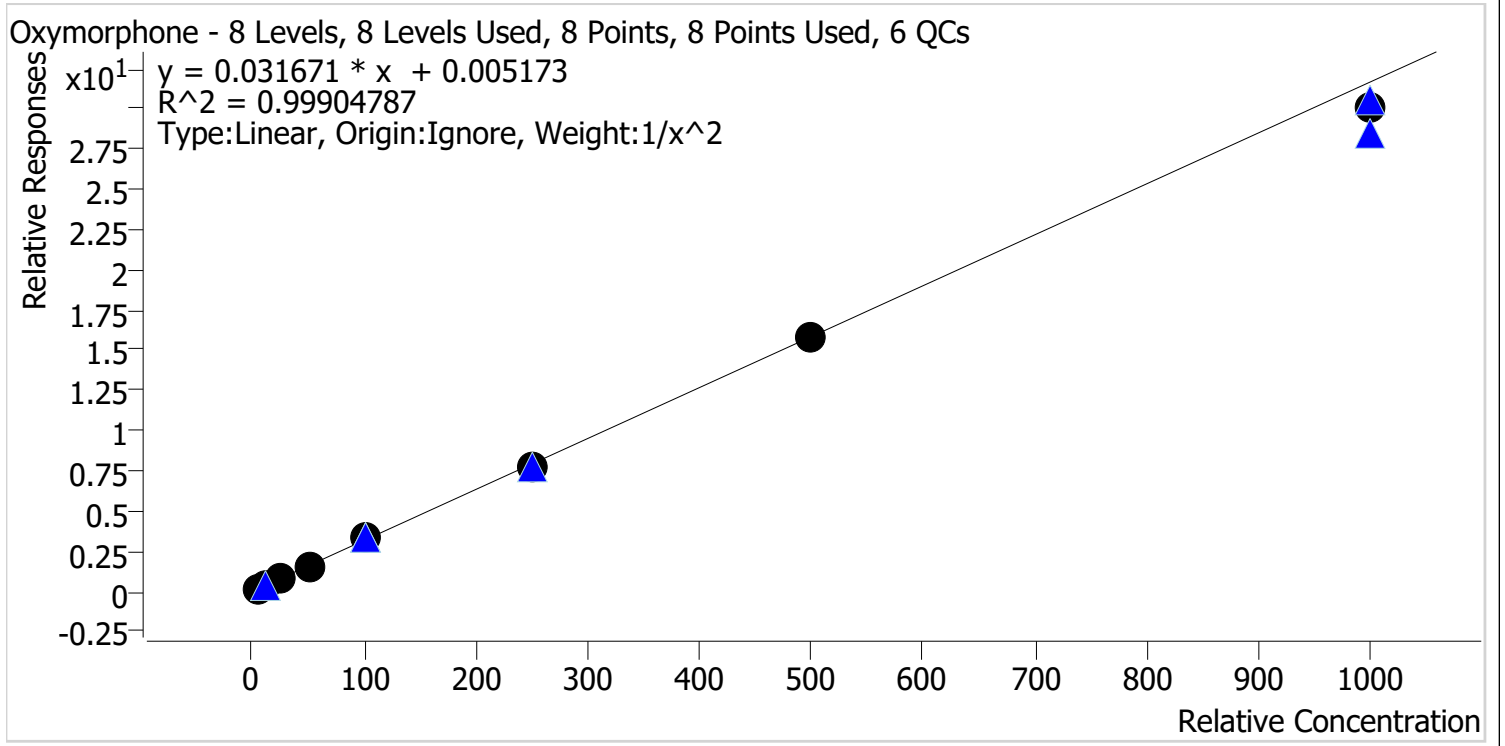


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.3
p1 Cal 4-50ng	4	✓	50.0	55.5	111.0
p1 Cal 5-100ng	5	✓	100.0	108.1	108.1
p1 Cal 6-250ng	6	✓	250.0	253.4	101.4
p1 Cal 7-500ng	7	✓	500.0	456.7	91.3
p1 Cal 8-1000ng	8	✓	1000.0	801.2	80.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

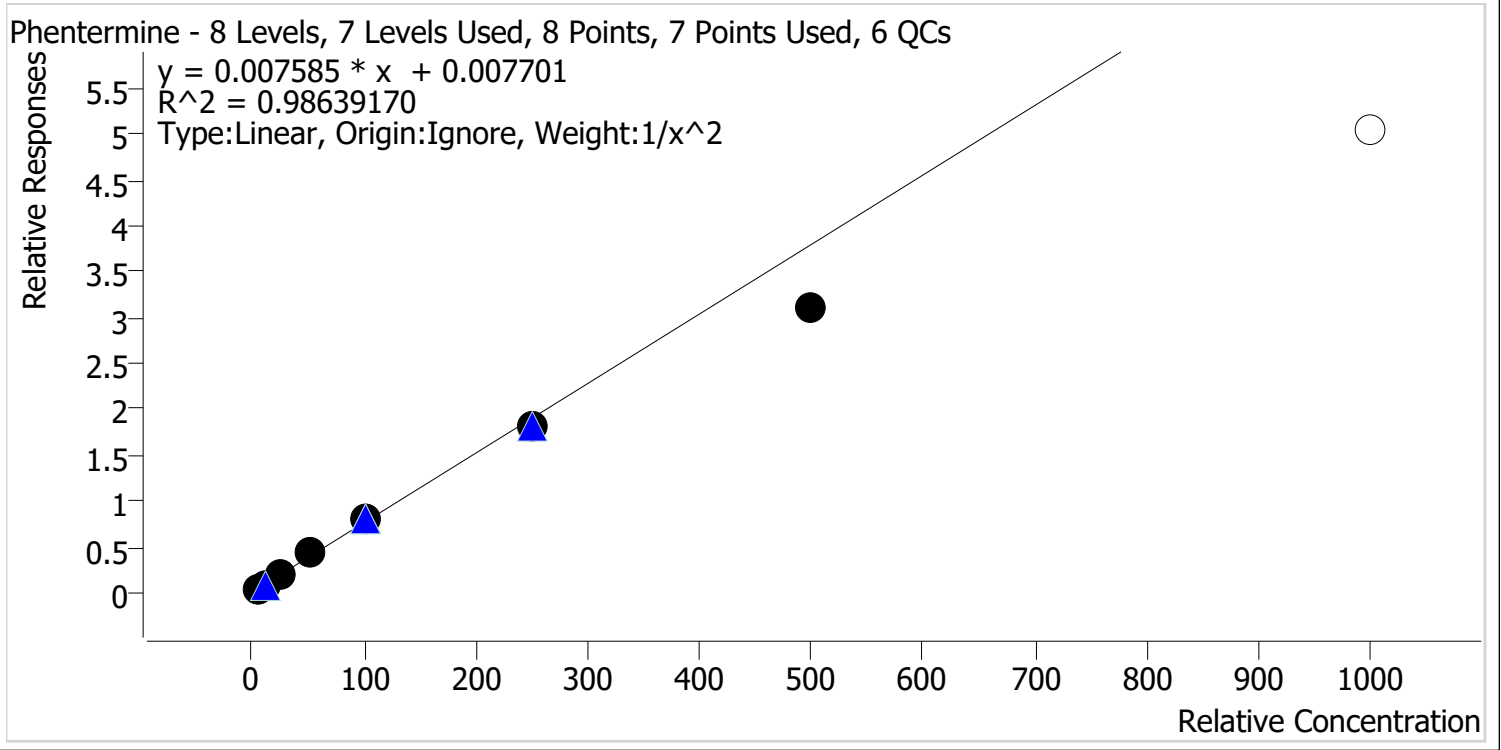


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	247.2	98.9
p1 Cal 7-500ng	7	✓	500.0	497.9	99.6
p1 Cal 8-1000ng	8	✓	1000.0	952.8	95.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



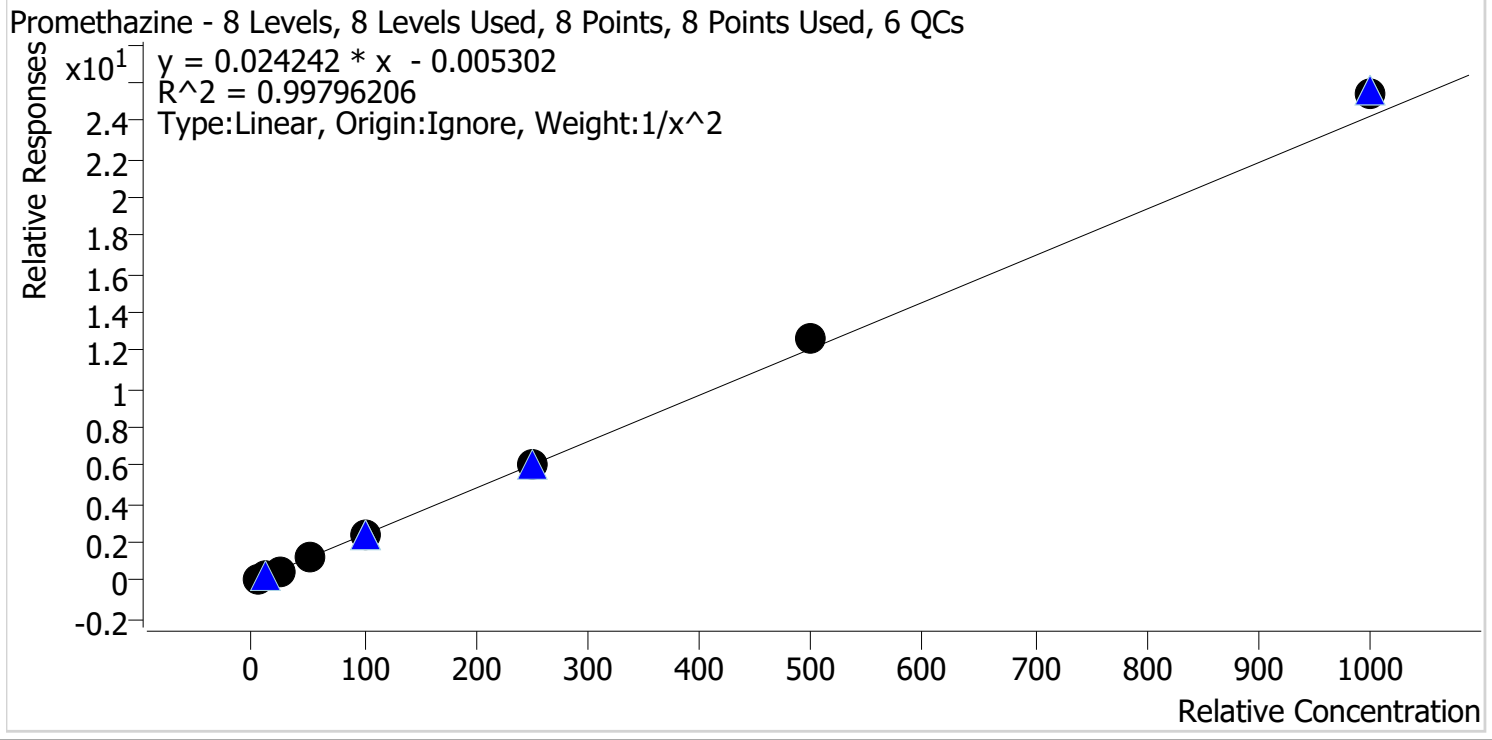
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.5
p1 Cal 4-50ng	4	✓	50.0	54.9	109.8
p1 Cal 5-100ng	5	✓	100.0	106.6	106.6
p1 Cal 6-250ng	6	✓	250.0	237.7	95.1
p1 Cal 7-500ng	7	✓	500.0	408.2	81.6
p1 Cal 8-1000ng	8	✗	1000.0	665.6	66.6

Calibrator 8 dropped due to not meeting accuracy requirement.



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

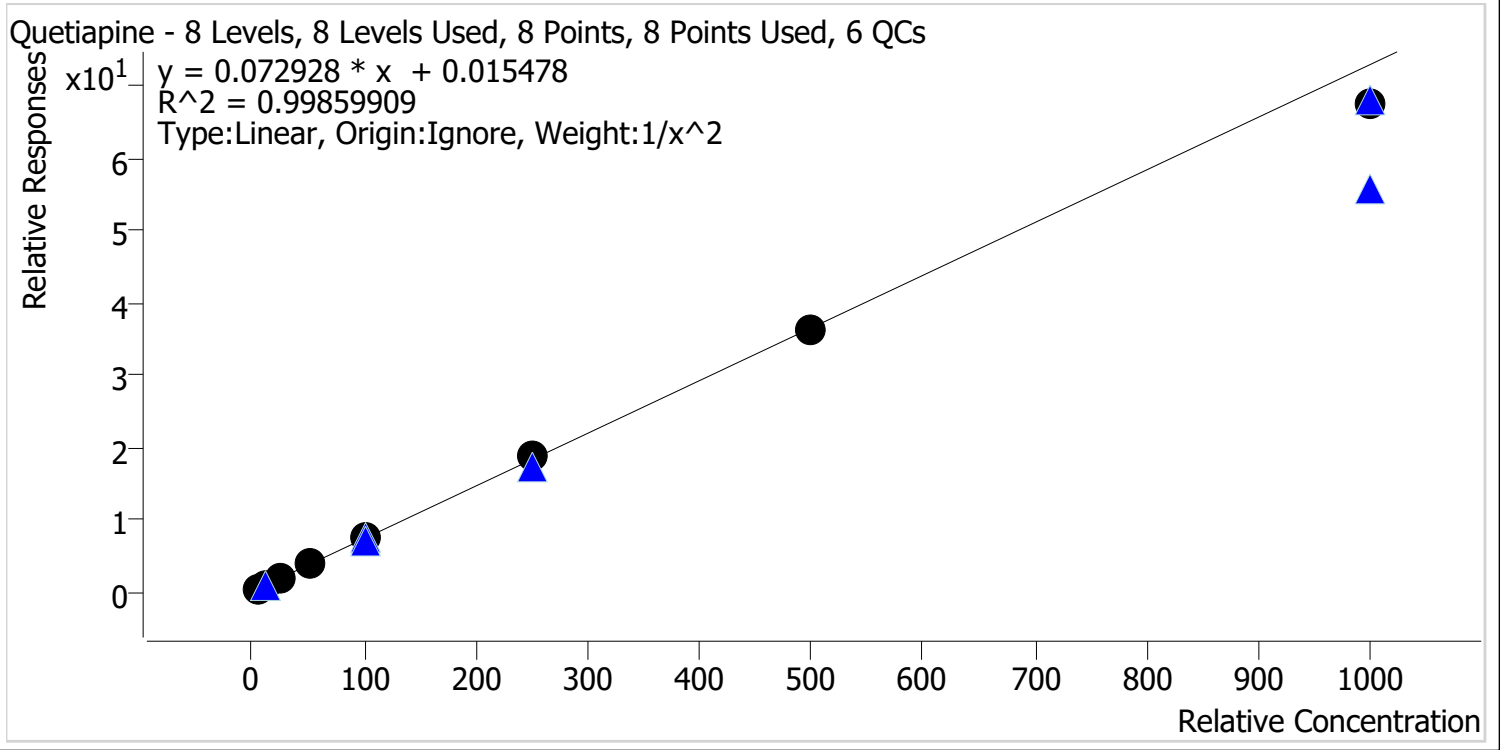


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.2
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	253.1	101.2
p1 Cal 7-500ng	7	✓	500.0	522.2	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1051.0	105.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



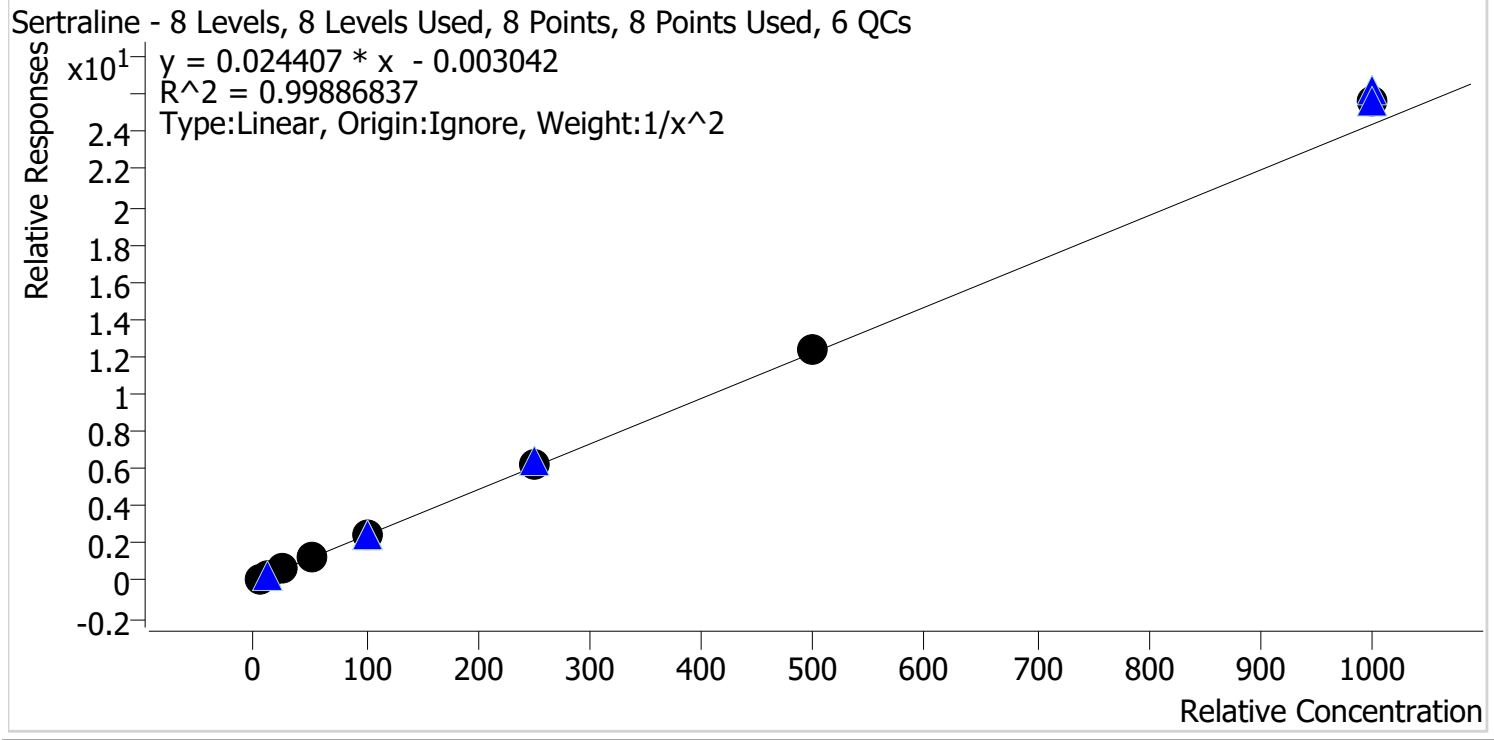
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.4
p1 Cal 4-50ng	4	✓	50.0	51.7	103.5
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	255.0	102.0
p1 Cal 7-500ng	7	✓	500.0	495.0	99.0
p1 Cal 8-1000ng	8	✓	1000.0	928.7	92.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3

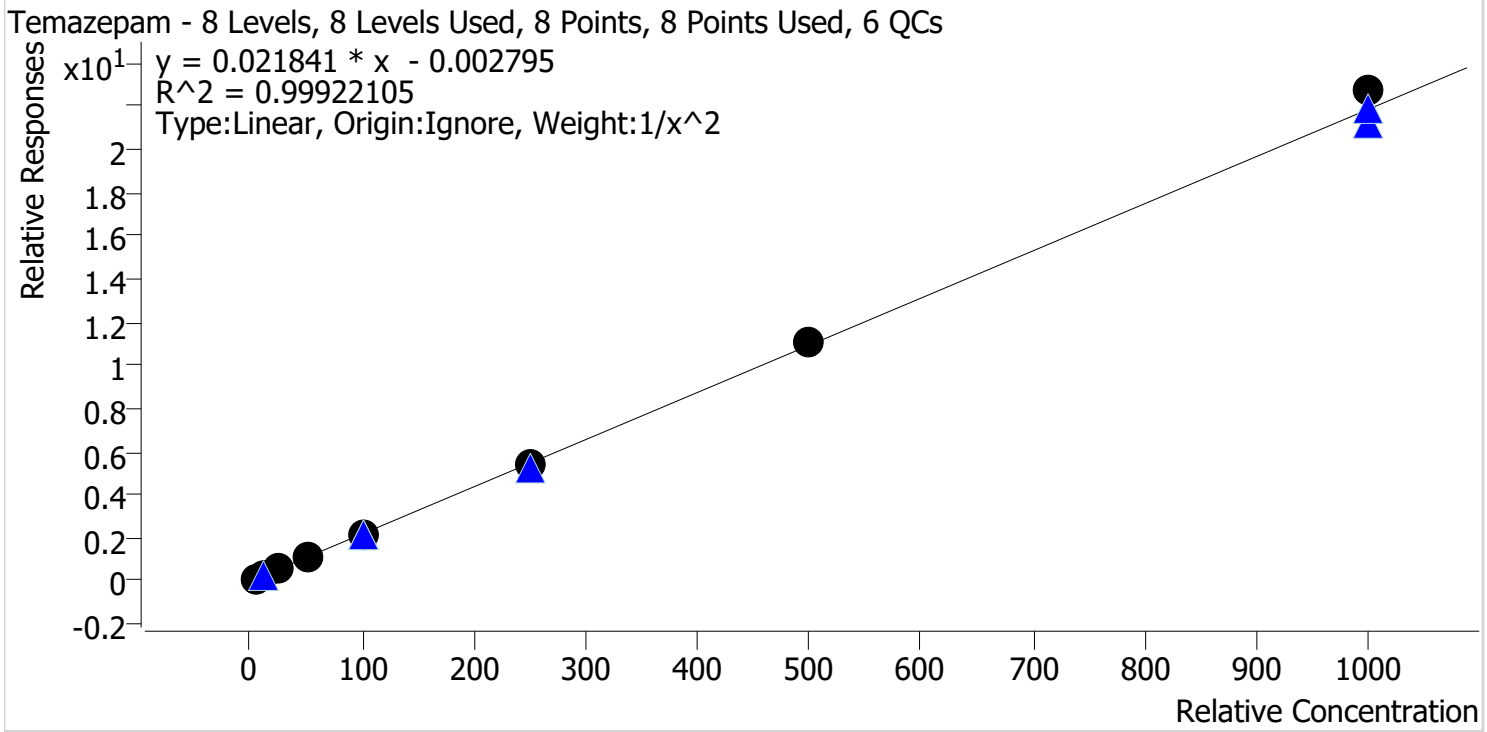


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	24.2	97.0
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	508.0	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1053.0	105.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5

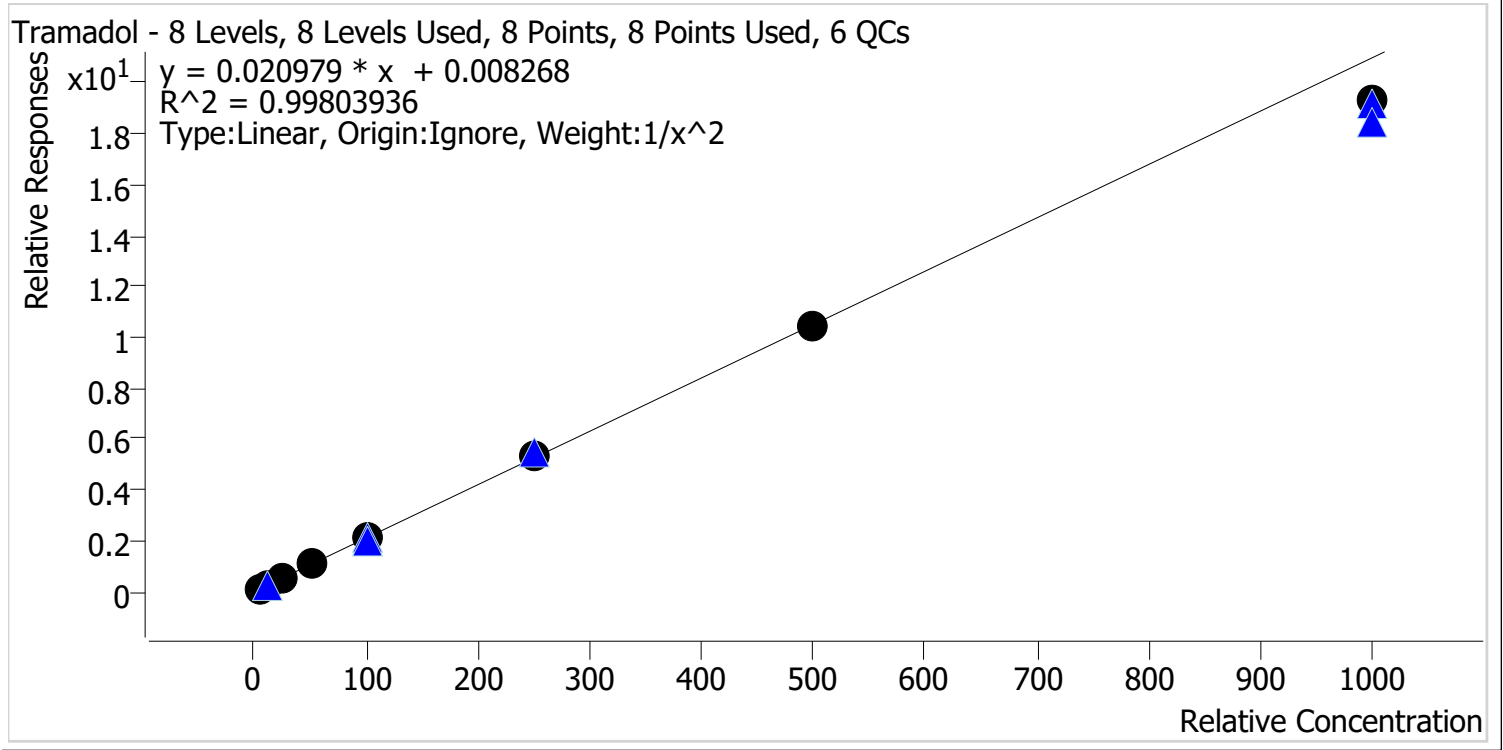


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.1
p1 Cal 4-50ng	4	✓	50.0	50.5	100.9
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	246.4	98.6
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1039.9	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



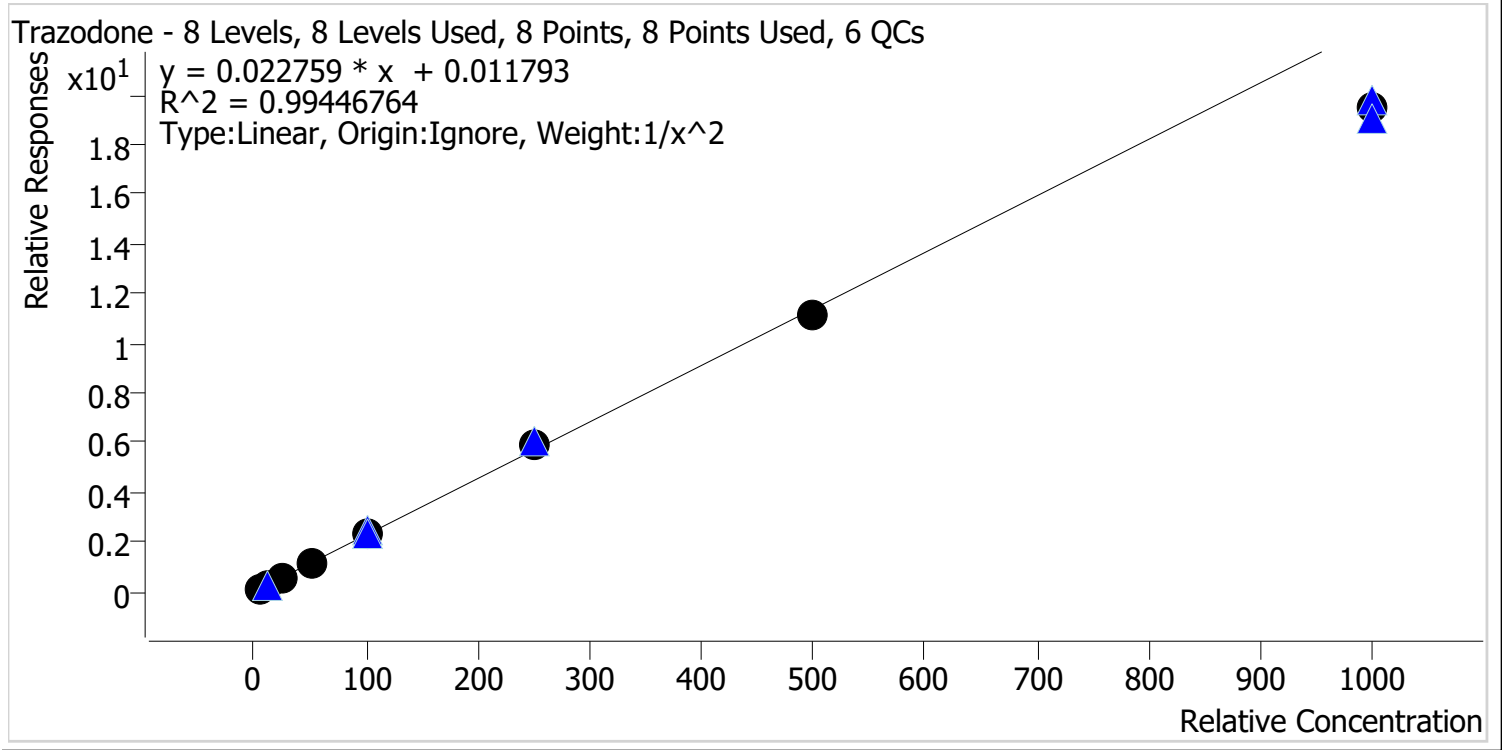
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	52.5	105.1
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	257.3	102.9
p1 Cal 7-500ng	7	✓	500.0	494.2	98.8
p1 Cal 8-1000ng	8	✓	1000.0	919.8	92.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



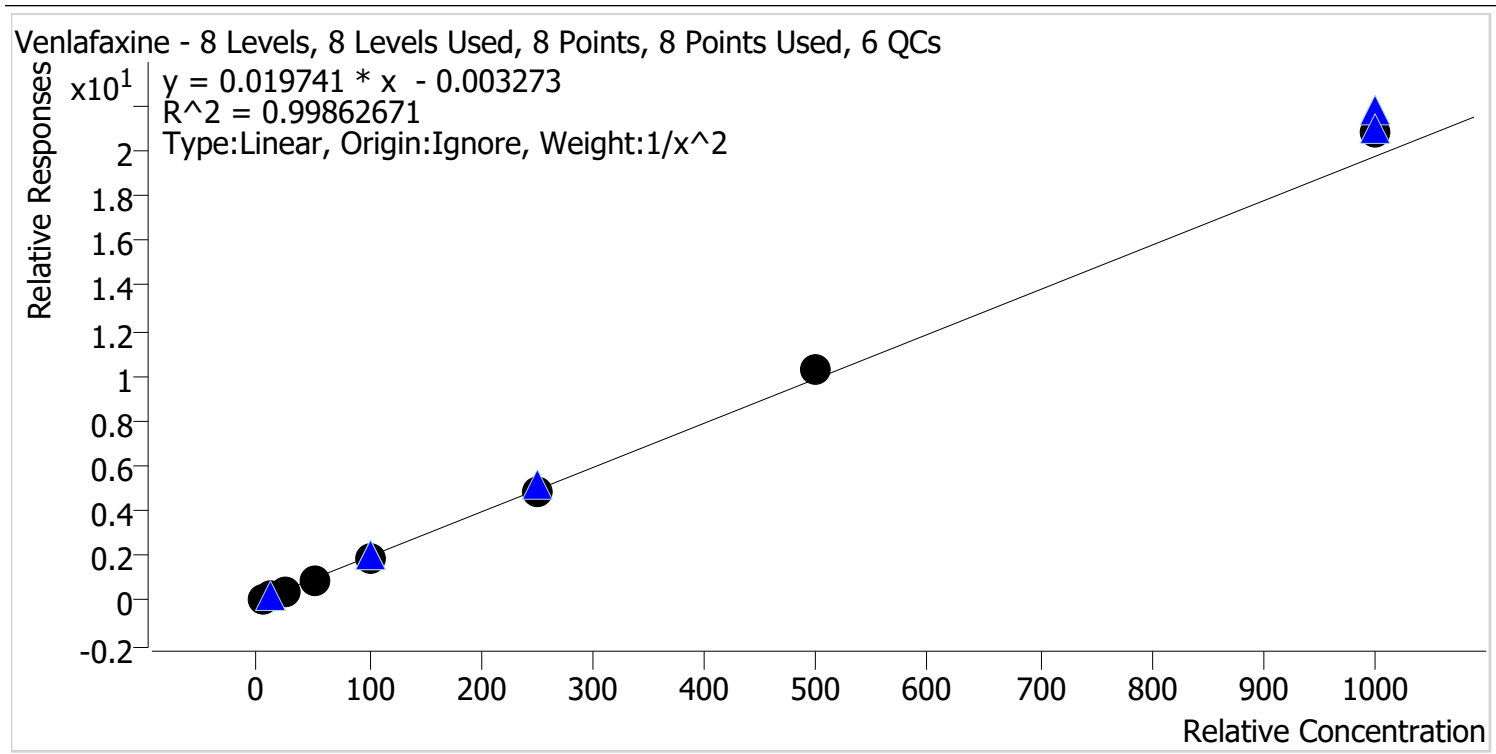
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	101.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng	4	✓	50.0	52.4	104.9
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	258.6	103.4
p1 Cal 7-500ng	7	✓	500.0	487.9	97.6
p1 Cal 8-1000ng	8	✓	1000.0	857.7	85.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



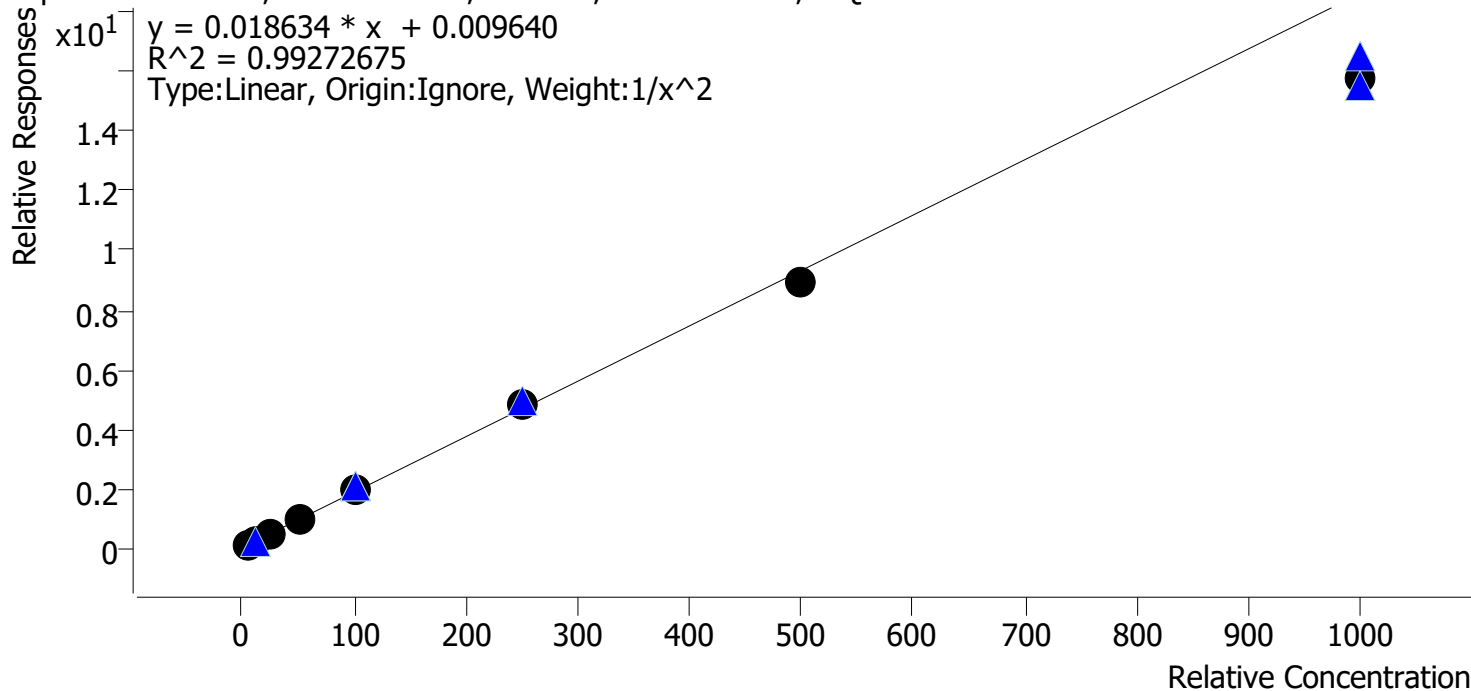
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.7
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	516.6	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1054.8	105.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Last Cal. Update 8/10/2022 1:38 PM
Analyst Name ISP\datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

Zolpidem - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 6 QCs



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	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	26.2	105.0
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	106.0	106.0
p1 Cal 6-250ng	6	✓	250.0	257.1	102.8
p1 Cal 7-500ng	7	✓	500.0	478.4	95.7
p1 Cal 8-1000ng	8	✓	1000.0	846.2	84.6

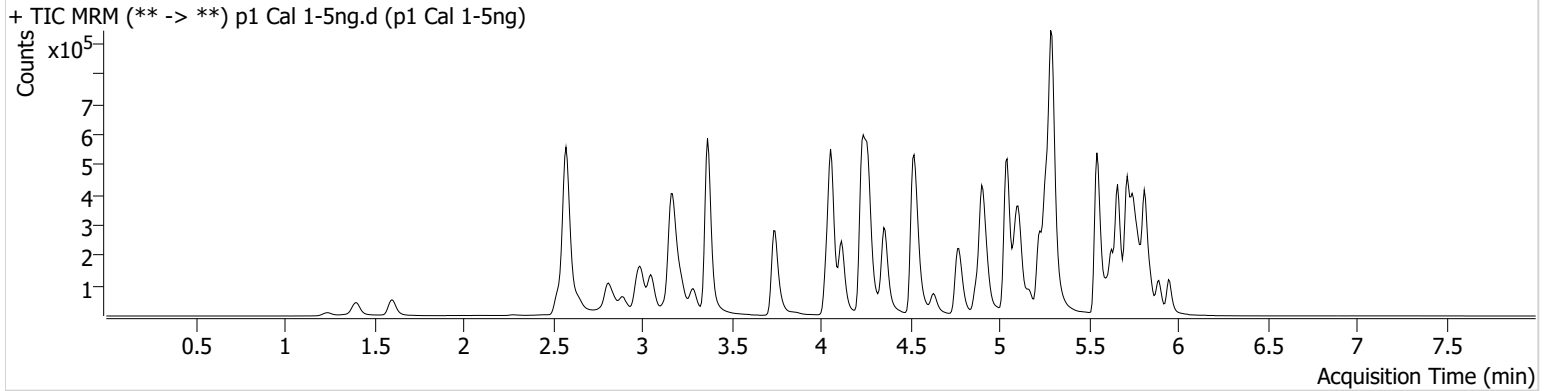
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-A1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 6:57:14 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	1197	5727.83	72.4	3453.10	59529	0.5299 ng/ml
7-aminoclonazepam	4.256	17811	1048.52	68.8	54.65	129373	4.8552 ng/ml
a-hydroxyalprazolam	5.692	11342	193.88	66.7	10527.64	246386	4.7371 ng/ml
alpha-PHP	4.936	23259	167.81	250.9	3112.65	619850	4.8494 ng/ml
alpha-PVP	4.368	83366	6239.80	51.1	101.71	619850	5.0942 ng/ml
Alprazolam	5.776	37163	381.23	106.5	309.77	246386	5.0637 ng/ml
Amphetamine	3.051	165556	269.53	46.0	643.16	332553	4.7822 ng/ml
Benzoylcegonine	3.877	1633	22.75	9.1	10.24	9521	5.1141 ng/ml
Buprenorphine	5.867	1997	224.38	15.3	508.34	138001	0.5163 ng/ml
Bupropion	4.787	80754	707.42	69.1	287.33	540460	4.9868 ng/ml
Carisoprodol	5.724	39746	222.54	65.3	62.38	372377	5.1112 ng/ml
Citalopram	5.225	64668	5656.28	31.6	8351.10	566845	5.0443 ng/ml
Clonazepam	5.605	36259	1953.78	35.3	42779.48	94078	4.9289 ng/ml
Clonazepam	5.549	25858	57468.09	36.2	215.96	94078	4.8544 ng/ml
Cocaine	4.262	52623	28055.60	58.0	276.96	883338	5.0216 ng/ml
Codeine	2.587	6802	5916.44	100.8	8770.91	63429	4.7524 ng/ml
Cyclobenzaprine	5.628	42161	794.51	8.5	348.59	346275	5.1916 ng/ml
Dextromethorphan	5.268	32662	6591.01	87.0	39.14	271801	5.0073 ng/ml
Dextrophan	4.116	23075	319.55	198.6	377.39	454387	5.1200 ng/ml
Diazepam	5.954	21589	1156.71	89.2	437.45	192686	5.0184 ng/ml
Dihydrocodeine	2.559	16204	682.60	69.5	196.09	187530	4.8160 ng/ml
Diphenhydramine	5.295	151026	182.88	32.7	∞	1874920	5.0791 ng/ml
Doxylamine	4.535	156897	6078.11	98.3	1331.96	1372121	5.0312 ng/ml
EDDP	5.261	66494	1020.32	41.5	591.19	672558	5.0658 ng/ml
Etizolam	5.814	20324	4582.28	28.3	5850.42	94078	5.1431 ng/ml
Fentanyl	5.102	5069	187.65	62.3	5531.32	535089	0.5027 ng/ml
Flualprazolam	5.699	14149	1899.99	98.5	9247.88	246386	4.9252 ng/ml
Fluoxetine	5.721	54562	1410.43	8.2	28.63	400133	5.1799 ng/ml
Hydrocodone	3.027	24984	83.95	38.2	96.23	278566	4.8110 ng/ml
Hydromorphone	1.608	22016	921.56	83.0	1251.66	143514	5.2127 ng/ml
Ketamine	4.049	58620	2337.95	31.9	138.28	476271	4.9226 ng/ml
Lamotrigine	4.278	4729	120.54	89.5	2983.83	476271	4.0064 ng/ml
Levetiracetam	2.644	24325	526.05	166.1	294.73	1483804	5.2150 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	34431	528.73	55.7	80.42	94078	4.7904 ng/ml
MDA	3.199	94124	656.01	29.9	320.97	421373	4.7118 ng/ml
MDMA	3.292	54904	1742.54	94.3	591.72	110148	4.9991 ng/ml
Meprobamate	4.896	23921	712.48	28.3	89.14	242945	4.8478 ng/ml
Methadone	5.659	85212	2268.77	63.4	942.01	716698	5.0912 ng/ml
Methamphetamine	3.227	115628	310.89	37.7	202.13	859863	4.8278 ng/ml
Metoprolol	4.324	15962	741.46	96.6	228.25	1236887	4.8726 ng/ml
Mirtazapine	4.630	102567	1190.98	55.9	1149.70	619850	5.1514 ng/ml
Mitragynine	5.236	20689	42897.33	35.7	116.21	716698	4.7805 ng/ml
Morphine	1.253	3608	1925.81	32.7	380.69	8728	4.9590 ng/ml
Norbuprenorphine	4.991	329	623.66	89.4	603.48	20164	0.4945 ng/ml
Nordiazepam	5.900	25265	654.58	53.6	193.61	168476	4.9357 ng/ml
Norfentanyl	4.084	13145	314.40	34.0	184.31	1117706	0.5138 ng/ml
Norhydrocodone	3.068	4035	80.34	39.0	32.69	74264	5.3665 ng/ml
Noroxycodone	2.912	24642	14.55	48.9	166.14	140616	5.1174 ng/ml
O-desmethyl-tramadol	3.372	130978	1754.67	6.1	213.95	1340410	5.0872 ng/ml
Oxazepam	5.750	43337	183.40	67.9	101.73	480573	4.9157 ng/ml
Oxycodone	2.836	46163	388.32	30.7	465.13	323529	4.7434 ng/ml
Oxymorphone	1.405	22075	542.75	48.4	205.45	134947	5.0017 ng/ml
Phentermine	3.774	34651	135.79	5.8	42.97	788767	4.7765 ng/ml
Promethazine	5.545	106409	198.06	30.9	108.98	891628	5.1416 ng/ml
Pseudoephedrine	2.583	150377	1248.63	17.1	899.59	1483804	5.1130 ng/ml
Quetiapine	5.562	71735	3317.01	58.6	127.26	190258	4.9578 ng/ml
Sertraline	5.790	16947	113.79	91.9	116.58	140155	5.0787 ng/ml
Temazepam	5.817	72922	891.67	28.2	182.25	673171	5.0878 ng/ml
Tramadol	4.244	139279	1028.98	3.1	45.70	1236887	4.9735 ng/ml
Trazodone	5.162	66133	62148.45	82.6	3380.05	537528	4.8877 ng/ml
Venlafaxine	5.043	116182	7952.65	31.6	1346.76	1194704	5.0918 ng/ml
Zolpidem	4.927	101685	2008.83	30.3	32083.44	1010724	4.8816 ng/ml

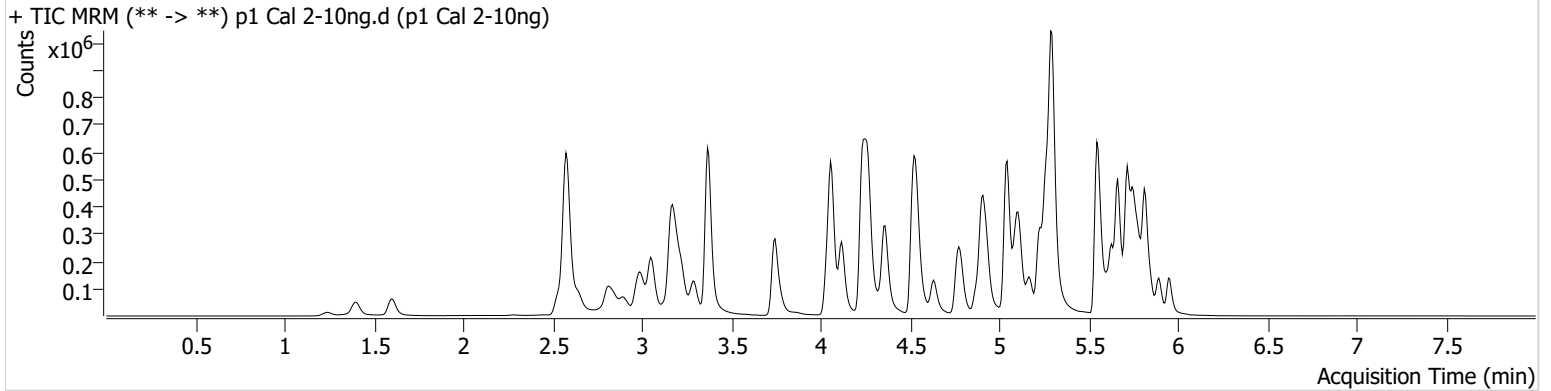
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-B1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 7:08:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	2015	1206.97	78.5	∞	58669	0.8860 ng/ml
7-aminoclonazepam	4.256	33043	887.29	61.6	2598.78	122124	10.2373 ng/ml
a-hydroxyalprazolam	5.692	22718	422.39	64.4	476.52	244360	10.7482 ng/ml
alpha-PPH	4.936	44317	757.81	260.9	3958.10	612439	10.1623 ng/ml
alpha-PVP	4.368	161067	5898.18	50.7	2527.93	612439	9.8133 ng/ml
Alprazolam	5.776	70773	427.19	105.2	683.36	244360	9.7129 ng/ml
Amphetamine	3.051	316004	475.23	46.7	445.63	324193	10.3926 ng/ml
Benzoylecgonine	3.877	2803	106.52	7.0	37.51	9437	9.4286 ng/ml
Buprenorphine	5.867	3809	176.52	16.1	855.68	138181	0.9611 ng/ml
Bupropion	4.787	158521	603.40	68.0	346.88	539596	9.9744 ng/ml
Carisoprodol	5.724	76791	220907.07	63.2	185.29	363701	9.7510 ng/ml
Citalopram	5.225	127813	3294.29	32.9	6367.44	568688	9.9308 ng/ml
Clonazepam	5.605	68902	447.36	33.9	581.87	94173	10.2974 ng/ml
Clonazepam	5.549	47899	36121.55	36.2	28447.96	94173	9.9348 ng/ml
Cocaine	4.262	101857	2018.27	56.9	919.92	855000	9.9612 ng/ml
Codeine	2.587	13050	114.72	102.2	176.22	60403	10.6100 ng/ml
Cyclobenzaprine	5.628	83682	171.62	8.7	204.36	363686	9.3326 ng/ml
Dextromethorphan	5.268	66595	9227.60	84.4	249.21	275918	10.0843 ng/ml
Dextrophan	4.116	43916	81668.73	196.7	1731.02	451831	9.7378 ng/ml
Diazepam	5.954	42530	225.90	90.3	13047.50	195341	9.9250 ng/ml
Dihydrocodeine	2.559	31193	144.01	68.6	157.60	183886	10.3884 ng/ml
Diphenhydramine	5.295	306381	506.00	32.0	201442.02	1875952	9.9315 ng/ml
Doxylamine	4.535	307007	1794.76	97.0	4936.22	1366918	9.8969 ng/ml
EDDP	5.261	130537	12682.70	40.0	411.44	680971	9.8314 ng/ml
Etizolam	5.814	38922	17583.69	27.5	15952.55	94173	9.4838 ng/ml
Fentanyl	5.109	10647	765.18	60.1	198.97	557709	1.0056 ng/ml
Flualprazolam	5.706	26793	781.29	106.3	2642.69	244360	9.8872 ng/ml
Fluoxetine	5.721	113182	9325.81	8.1	∞	436118	9.5608 ng/ml
Hydrocodone	3.027	48488	91.28	39.7	73.80	272331	10.3548 ng/ml
Hydromorphone	1.608	38251	287.00	90.4	1457.22	140236	9.0286 ng/ml
Ketamine	4.049	111938	400.67	32.3	232.97	471745	10.1382 ng/ml
Lamotrigine	4.278	9386	163.32	85.4	1495.12	471745	9.9915 ng/ml
Levetiracetam	2.644	44966	537.63	171.2	1281.82	1450610	9.4717 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	66699	728.38	55.6	27.39	94173	10.3876 ng/ml
MDA	3.199	180538	927.11	30.1	406.91	408339	10.5937 ng/ml
MDMA	3.292	109388	1183.04	91.3	1300.52	110485	9.9394 ng/ml
Meprobamate	4.896	44291	114.94	29.5	28.23	229981	10.2992 ng/ml
Methadone	5.659	169740	2093.26	64.0	4421.45	716622	9.8443 ng/ml
Methamphetamine	3.227	219262	912.11	38.5	280.59	844900	10.3232 ng/ml
Metoprolol	4.324	30439	27497.97	99.6	771.04	1247323	10.0538 ng/ml
Mirtazapine	4.630	198498	663.92	56.8	2829.76	612439	9.7080 ng/ml
Mitragynine	5.236	41853	806.06	34.8	51303.75	716622	10.3935 ng/ml
Morphine	1.247	6708	3616.53	31.9	111.00	8454	9.7135 ng/ml
Norbuprenorphine	4.991	577	85.65	83.7	310.36	20181	1.0329 ng/ml
Nordiazepam	5.900	51111	921.21	53.0	22743.65	169658	10.1122 ng/ml
Norfentanyl	4.084	26243	3336.14	35.4	112.67	1082598	0.9813 ng/ml
Norhydrocodone	3.068	7547	103.88	37.2	29.14	70634	9.3133 ng/ml
Noroxycodone	2.912	45889	449.83	50.2	1176.66	137307	9.7876 ng/ml
O-desmethyl-tramadol	3.372	256060	4837.25	6.0	170.66	1317489	9.8758 ng/ml
Oxazepam	5.750	84147	347.91	71.5	470.38	465733	10.1530 ng/ml
Oxycodone	2.836	87793	354.53	29.9	738.40	316624	10.3842 ng/ml
Oxymorphone	1.398	41308	568.52	49.4	330.17	130293	9.8470 ng/ml
Phentermine	3.780	66666	178.86	5.3	49.25	770722	10.3888 ng/ml
Promethazine	5.545	218487	3082.56	31.8	649.88	948903	9.7166 ng/ml
Pseudoephedrine	2.583	289407	4497.45	17.1	2509.55	1450610	9.7423 ng/ml
Quetiapine	5.562	141145	10170.02	57.1	1718.78	189044	10.0255 ng/ml
Sertraline	5.790	35117	385.28	94.3	151.58	147565	9.8748 ng/ml
Temazepam	5.817	138454	1497.40	27.8	214.29	660396	9.7272 ng/ml
Tramadol	4.244	270299	21329.78	3.5	71.60	1247323	9.9356 ng/ml
Trazodone	5.168	134336	22654.85	82.9	10074.00	552783	10.1598 ng/ml
Venlafaxine	5.043	224519	554.16	31.8	258.86	1176922	9.8291 ng/ml
Zolpidem	4.927	193246	1916.62	30.5	1077.92	978819	10.0775 ng/ml

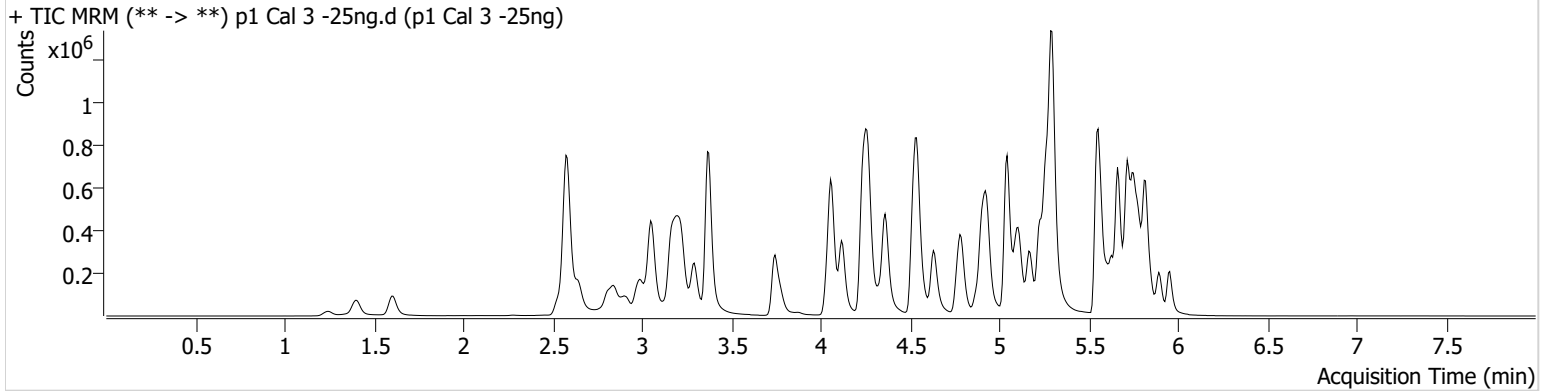
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-C1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 7:18:38 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.134	5742	1188.72	65.3	6406.56	59582	2.4368 ng/ml
7-aminoclonazepam	4.256	82436	∞	67.4	2166.53	123101	26.3997 ng/ml
a-hydroxyalprazolam	5.692	51265	255.66	63.9	335.37	241643	26.0129 ng/ml
alpha-PHP	4.936	110569	2067.06	260.2	3031.96	616442	26.4817 ng/ml
alpha-PVP	4.368	403596	748.91	50.8	585.09	616442	24.1995 ng/ml
Alprazolam	5.776	181060	1662.58	107.4	2539.63	241643	25.1105 ng/ml
Amphetamine	3.051	799366	1140.17	45.0	1440.52	329741	27.4447 ng/ml
Benzoylcegonine	3.877	7473	6255.70	8.2	120.12	9695	25.7151 ng/ml
Buprenorphine	5.867	10179	35994.08	16.8	3768.45	143365	2.4371 ng/ml
Bupropion	4.787	398987	323.18	68.2	1302.59	542448	25.2369 ng/ml
Carisoprodol	5.724	185968	9383.45	63.5	1280.27	344234	24.3769 ng/ml
Citalopram	5.225	310372	7725.05	33.4	2615.82	562112	24.3872 ng/ml
Clonazepam	5.605	135193	24236.75	35.7	50613.92	85486	23.4738 ng/ml
Clonazepam	5.549	119465	20149.72	36.7	95031.62	85486	29.2520 ng/ml
Cocaine	4.262	251348	370.60	58.4	206.23	845548	24.7351 ng/ml
Codeine	2.587	30578	333.87	105.4	45375.46	59854	26.4811 ng/ml
Cyclobenzaprine	5.628	188217	2674.61	8.9	584.06	293890	25.0171 ng/ml
Dextromethorphan	5.268	163204	254.90	84.2	211.68	279830	24.4062 ng/ml
Dextrophan	4.123	109287	3574.16	198.2	2001.06	453410	24.0481 ng/ml
Diazepam	5.954	112001	334.90	89.3	3868.30	208492	24.7574 ng/ml
Dihydrocodeine	2.559	75284	453.27	71.9	∞	186039	26.1257 ng/ml
Diphenhydramine	5.295	758033	18068.58	32.6	4676.97	1890860	23.8592 ng/ml
Doxylamine	4.542	760309	27047.92	98.3	29417.09	1361727	24.6259 ng/ml
EDDP	5.261	330694	503.70	41.2	9670.20	687958	24.6685 ng/ml
Etizolam	5.814	102316	53397.42	26.9	36503.67	85486	26.7248 ng/ml
Fentanyl	5.109	26728	1787.58	65.3	161162.60	577380	2.4279 ng/ml
Flualprazolam	5.706	68149	482.07	106.1	4610.95	241643	26.2667 ng/ml
Fluoxetine	5.721	275872	558.32	7.8	249.55	415981	23.9192 ng/ml
Hydrocodone	3.021	120492	194.42	38.9	119.29	274758	26.6985 ng/ml
Hydromorphone	1.608	107794	514640.76	78.4	2230.04	136709	25.5170 ng/ml
Ketamine	4.056	272492	14499.46	33.4	1018.87	473906	25.5609 ng/ml
Lamotrigine	4.278	23096	401.44	87.7	1325.99	473906	27.3106 ng/ml
Levetiracetam	2.644	112454	352.66	162.0	2407.00	1404445	23.7748 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	156872	797.80	55.4	215.30	85486	28.8134 ng/ml
MDA	3.199	436286	5422.72	30.0	882.60	407975	27.4599 ng/ml
MDMA	3.292	271889	188696.70	90.4	809.62	107843	25.3258 ng/ml
Meprobamate	4.896	110336	5745.13	29.1	1035.28	232948	26.5776 ng/ml
Methadone	5.659	430391	515.86	61.5	1124.50	717107	24.4831 ng/ml
Methamphetamine	3.227	523415	1137.74	38.2	773.53	839711	26.3126 ng/ml
Metoprolol	4.324	75676	4214.90	98.9	1331.43	1250028	26.3376 ng/ml
Mirtazapine	4.630	495569	20097.88	56.6	17415.88	616442	23.4893 ng/ml
Mitragynine	5.236	106944	164502.03	36.4	999.62	717107	27.6356 ng/ml
Morphine	1.247	17555	462.21	29.4	1151.34	8007	27.2125 ng/ml
Norbuprenorphine	4.998	1295	1754.65	98.6	88.51	21200	2.4565 ng/ml
Nordiazepam	5.900	131924	6395.44	53.6	871.20	175683	25.4970 ng/ml
Norfentanyl	4.084	65169	136.02	36.0	213.83	1072123	2.3504 ng/ml
Norhydrocodone	3.068	18091	213.62	38.7	162.87	67098	21.5451 ng/ml
Noroxycodone	2.912	112391	3070.53	50.0	1544.66	136370	24.1821 ng/ml
O-desmethyl-tramadol	3.372	640324	17447.49	5.9	938.68	1332556	24.0554 ng/ml
Oxazepam	5.750	204730	17879.81	71.5	746.57	459645	25.4735 ng/ml
Oxycodone	2.836	217353	944.61	31.4	567.44	318898	27.3281 ng/ml
Oxymorphone	1.405	105176	∞	47.9	359.56	129192	25.5415 ng/ml
Phentermine	3.780	162701	308.96	5.4	25.31	769129	26.8746 ng/ml
Promethazine	5.545	538052	3871.46	31.1	1120.79	948625	23.6153 ng/ml
Pseudoephedrine	2.583	716675	4757.52	17.0	11544.61	1404445	24.3989 ng/ml
Quetiapine	5.562	351856	286.72	57.2	25219.25	188707	25.3548 ng/ml
Sertraline	5.790	86239	184.06	94.3	290.69	146527	24.2388 ng/ml
Temazepam	5.817	355379	4324.51	27.6	256.33	666939	24.5253 ng/ml
Tramadol	4.244	675600	9978.11	3.5	250.45	1250028	25.3686 ng/ml
Trazodone	5.168	341396	624988.70	81.4	19545.37	567912	25.8955 ng/ml
Venlafaxine	5.043	560835	27246.30	31.7	923.29	1182805	24.1842 ng/ml
Zolpidem	4.927	491560	5792.41	30.5	2210.81	985659	26.2456 ng/ml

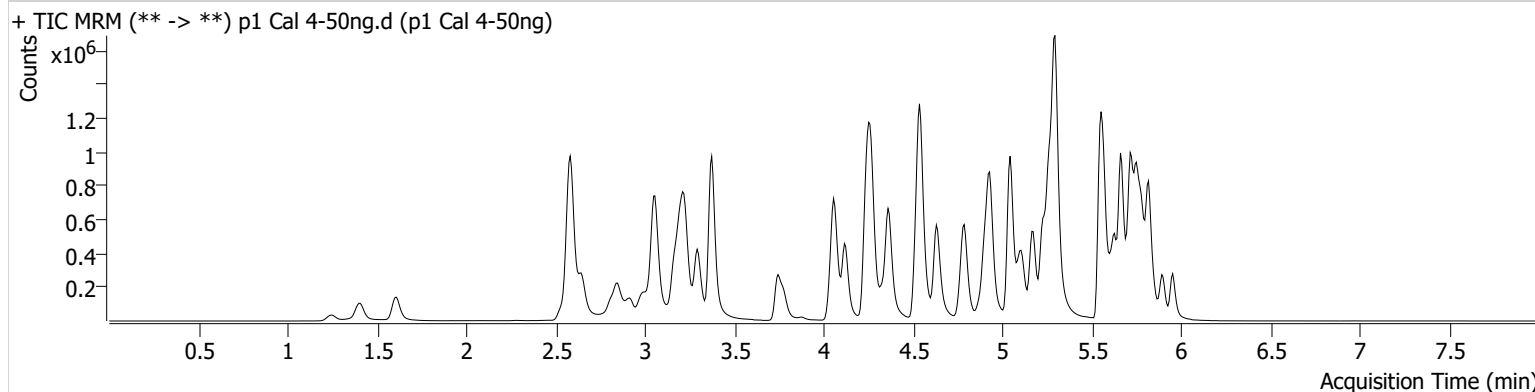
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-D1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 7:29:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	11053	607.03	67.5	490.41	54699	5.0797 ng/ml
7-aminoclonazepam	4.256	145405	196.12	69.8	12905.72	110232	52.7000 ng/ml
a-hydroxyalprazolam	5.692	97092	268.23	66.4	1985.59	220261	55.2979 ng/ml
alpha-PHP	4.936	203167	1740.52	259.1	40259.69	566834	53.7895 ng/ml
alpha-PVP	4.368	745420	23804.78	51.8	7094.21	566834	48.4508 ng/ml
Alprazolam	5.776	327113	1545.92	105.3	989.94	220261	49.7591 ng/ml
Amphetamine	3.058	1432401	14364.58	45.0	601.01	305301	54.1207 ng/ml
Benzoylcegonine	3.877	13364	96.09	7.7	213.26	9038	50.0429 ng/ml
Buprenorphine	5.867	18152	5785.16	16.5	6990.61	133312	4.6510 ng/ml
Bupropion	4.787	738430	30616.32	68.1	438.76	501751	50.6720 ng/ml
Carisoprodol	5.724	328737	980987.18	65.0	344.58	307024	47.9528 ng/ml
Citalopram	5.225	579197	10801.58	32.8	718.58	515271	49.6396 ng/ml
Clonazepam	5.605	318416	2299.96	35.1	5760.12	89614	54.0450 ng/ml
Clonazepam	5.549	212976	194660.83	37.5	123899.50	89614	50.5306 ng/ml
Cocaine	4.262	467536	15115.72	58.1	22447.05	777595	49.9485 ng/ml
Codeine	2.587	56318	345.87	102.5	177.88	55877	53.2358 ng/ml
Cyclobenzaprine	5.628	425736	20094.61	8.1	284.94	341839	48.1421 ng/ml
Dextromethorphan	5.275	302199	25117.98	82.8	9761.18	254518	49.7145 ng/ml
Dextrophan	4.123	205165	6325.87	197.6	10710.31	422762	48.3500 ng/ml
Diazepam	5.954	198377	669.31	91.2	1088.37	181023	50.6950 ng/ml
Dihydrocodeine	2.559	142523	1377.02	70.1	1037.49	174474	53.7257 ng/ml
Diphenhydramine	5.295	1417753	18319.64	32.7	15980.90	1724675	48.5490 ng/ml
Doxylamine	4.535	1454535	6246.95	96.7	8747.47	1270499	50.5101 ng/ml
EDDP	5.261	600478	515.46	41.7	8571.09	628067	49.0746 ng/ml
Etizolam	5.814	175868	108260.44	27.0	2995.54	89614	43.5709 ng/ml
Fentanyl	5.109	49488	4516.17	63.0	2362.59	527715	4.9107 ng/ml
Flualprazolam	5.706	126270	866.49	101.6	10423.35	220261	53.9417 ng/ml
Fluoxetine	5.721	529441	91168.93	7.8	250.24	398013	47.6456 ng/ml
Hydrocodone	3.027	220124	132.99	39.6	328.02	258851	52.5386 ng/ml
Hydromorphone	1.608	205277	923689.17	80.2	918893.68	130056	50.7701 ng/ml
Ketamine	4.056	511012	645.52	33.6	5455.52	445128	51.7302 ng/ml
Lamotrigine	4.278	42529	333.79	87.9	4461.00	445128	55.4202 ng/ml
Levetiracetam	2.644	212347	2340.88	165.9	7312.09	1322938	47.2209 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	277779	1232.12	54.7	331.34	89614	49.4935 ng/ml
MDA	3.199	777734	4408.24	29.8	786.19	374232	54.5854 ng/ml
MDMA	3.292	501819	48263.06	92.6	1819.26	100475	50.1806 ng/ml
Meprobamate	4.896	199987	12338.12	29.0	11532.87	216660	52.6050 ng/ml
Methadone	5.659	799728	640.50	65.4	694.10	685520	47.3055 ng/ml
Methamphetamine	3.227	990207	1210.35	38.5	613.51	791708	53.8860 ng/ml
Metoprolol	4.324	143071	255110.01	96.0	7744.60	1151536	55.0445 ng/ml
Mirtazapine	4.630	942813	1526.88	55.8	5511.50	566834	48.1728 ng/ml
Mitragynine	5.243	189210	2135.51	37.3	42128.77	685520	51.7474 ng/ml
Morphine	1.247	33120	872.57	31.3	1208.99	7795	52.9363 ng/ml
Norbuprenorphine	4.998	2233	80.89	95.0	9854.94	18947	4.9438 ng/ml
Nordiazepam	5.900	234070	1176.18	53.1	3939.74	156276	51.0511 ng/ml
Norfentanyl	4.084	123594	89717.71	36.0	1759.10	997845	4.7133 ng/ml
Norhydrocodone	3.068	32674	215.82	38.4	54.02	56647	44.6306 ng/ml
Noroxycodone	2.918	206640	1776.61	50.5	188.16	126146	48.0952 ng/ml
O-desmethyl-tramadol	3.372	1202968	1455.85	6.1	519.42	1236329	48.4585 ng/ml
Oxazepam	5.750	372071	5539.26	72.8	508.66	408201	52.4463 ng/ml
Oxycodone	2.836	407679	626.18	30.6	574.03	301138	55.5008 ng/ml
Oxymorphone	1.405	189613	∞	48.6	1815.41	117712	50.6974 ng/ml
Phentermine	3.780	305571	1794.56	5.4	264.92	720589	54.8934 ng/ml
Promethazine	5.545	1037460	23038.75	31.3	457.95	884467	48.6039 ng/ml
Pseudoephedrine	2.590	1334589	3312.78	17.3	6784.60	1322938	47.9091 ng/ml
Quetiapine	5.569	665562	7268.57	58.1	609525.73	175678	51.7363 ng/ml
Sertraline	5.790	168880	375.26	94.3	365.27	142661	48.6261 ng/ml
Temazepam	5.817	635131	5477.78	27.0	1453.38	577644	50.4711 ng/ml
Tramadol	4.244	1278659	881.90	3.3	637.34	1151536	52.5356 ng/ml
Trazodone	5.168	638950	840.56	82.0	39063.60	530124	52.4408 ng/ml
Venlafaxine	5.043	1059891	1342.34	31.4	555.05	1103421	48.8224 ng/ml
Zolpidem	4.927	924949	55127.23	30.0	28111.20	915103	53.7242 ng/ml

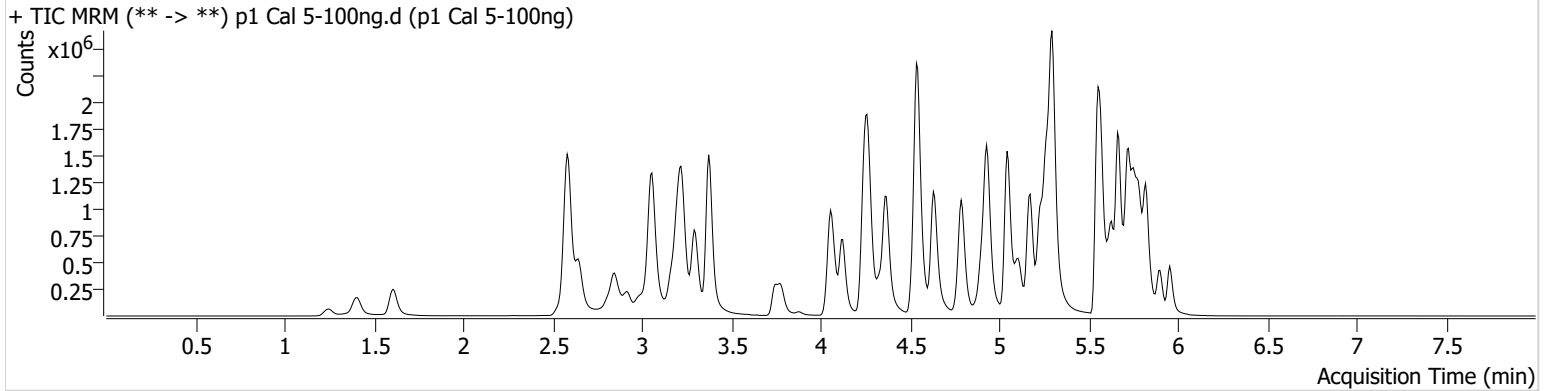
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-E1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 7:39:50 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	22953	36050.49	71.6	29321.69	57216	10.0581 ng/ml
7-aminoclonazepam	4.256	284392	3790.71	70.5	158.09	109659	104.3078 ng/ml
a-hydroxyalprazolam	5.692	166150	1707.74	67.3	1135.03	211433	99.4875 ng/ml
alpha-PHP	4.936	409998	20956.33	255.6	10473.82	579206	107.0818 ng/ml
alpha-PVP	4.368	1553314	1033.25	50.7	1267.95	579206	98.6446 ng/ml
Alprazolam	5.776	644545	1744.96	105.2	715.10	211433	102.1273 ng/ml
Amphetamine	3.058	2691896	1252.24	45.5	900.22	316934	98.8458 ng/ml
Benzoylecgonine	3.877	27805	10379.01	8.6	123.09	9370	101.2188 ng/ml
Buprenorphine	5.867	38820	7831.87	15.9	26724.71	138661	9.5371 ng/ml
Bupropion	4.787	1548890	68463.17	68.3	1594.30	525957	101.5708 ng/ml
Carisoprodol	5.724	587866	14017.35	63.2	1392.99	269288	97.3867 ng/ml
Citalopram	5.225	1190022	1225.50	33.2	85641.98	523916	100.3000 ng/ml
Clonazepam	5.605	576034	14123.84	35.4	390.25	82418	107.3196 ng/ml
Clonazepam	5.549	386114	469753.26	37.2	178491.32	82418	100.6946 ng/ml
Cocaine	4.262	941234	544.83	57.7	31679.97	785205	99.5007 ng/ml
Codeine	2.587	111042	1232.62	97.8	22057.25	55323	107.0284 ng/ml
Cyclobenzaprine	5.635	909402	1072.07	8.3	369.32	363452	96.1770 ng/ml
Dextromethorphan	5.275	607838	22851.05	83.2	5818.40	257155	98.9960 ng/ml
Dextrophan	4.123	420835	797.96	197.4	826.07	424341	98.7359 ng/ml
Diazepam	5.954	400203	723.01	89.7	2978.25	183998	100.7983 ng/ml
Dihydrocodeine	2.559	285148	13191.30	71.7	24895.14	178410	106.0468 ng/ml
Diphenhydramine	5.295	2958251	50013.73	31.6	59098.41	1780463	97.7626 ng/ml
Doxylamine	4.542	2975025	114542.14	97.7	12597.38	1315589	99.7844 ng/ml
EDDP	5.261	1195273	22339.35	41.0	219.04	619150	99.1018 ng/ml
Etizolam	5.814	344743	32695.91	26.7	144316.15	82418	92.4258 ng/ml
Fentanyl	5.109	108740	5725.91	63.8	254.16	580818	9.7965 ng/ml
Flualprazolam	5.706	238212	6849.43	103.5	12515.85	211433	106.5237 ng/ml
Fluoxetine	5.721	1110388	28551.28	7.8	3174.61	408559	97.0031 ng/ml
Hydrocodone	3.027	441905	210.70	39.1	4062.27	261404	105.2491 ng/ml
Hydromorphone	1.608	416057	2184497.16	78.3	2680.96	132968	100.3446 ng/ml
Ketamine	4.056	1034926	443.82	33.6	378.65	463650	101.2408 ng/ml
Lamotrigine	4.285	82018	1409.37	90.9	2673.06	463650	104.2765 ng/ml
Levetiracetam	2.651	427109	5138.47	163.9	8835.20	1305603	95.7864 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	439847	3073.18	54.4	1903.71	82418	86.0746 ng/ml
MDA	3.199	1437525	5615.97	29.2	1538.91	367882	103.7737 ng/ml
MDMA	3.292	1023238	1810.68	91.0	2811.38	102743	100.0730 ng/ml
Meprobamate	4.896	357099	15599.18	29.3	4077.54	205464	99.8053 ng/ml
Methadone	5.666	1741757	50765.85	61.8	15817.71	730953	96.3111 ng/ml
Methamphetamine	3.227	1999809	1158.32	38.3	1827.93	838946	103.6800 ng/ml
Metoprolol	4.331	280870	253995.34	97.9	3720.24	1199924	104.5364 ng/ml
Mirtazapine	4.630	1972290	2447.01	54.6	32902.41	579206	98.2035 ng/ml
Mitragynine	5.243	389815	533182.74	36.4	26179.79	730953	100.6421 ng/ml
Morphine	1.247	66613	901.55	30.3	319.47	8323	99.9118 ng/ml
Norbuprenorphine	4.998	4695	8176.24	88.2	2907.81	20519	9.8033 ng/ml
Nordiazepam	5.900	449179	1247.38	52.8	871.22	149404	102.6692 ng/ml
Norfentanyl	4.084	251606	20630.79	35.6	442.54	991471	9.5800 ng/ml
Norhydrocodone	3.075	63213	143.83	38.8	1653.65	50404	95.5295 ng/ml
Noroxycodone	2.918	391189	805.34	49.7	27759.97	120622	95.2494 ng/ml
O-desmethyl-tramadol	3.372	2464147	44003.28	6.1	6287.29	1263299	96.8962 ng/ml
Oxazepam	5.756	613296	25555.70	73.0	3428.52	349511	101.2459 ng/ml
Oxycodone	2.836	811592	1265.32	30.7	488.31	310971	108.1425 ng/ml
Oxymorphone	1.405	381991	∞	49.0	∞	115579	104.1899 ng/ml
Phentermine	3.780	607212	449.56	5.3	1078.20	744052	106.5796 ng/ml
Promethazine	5.552	2236598	3550.34	30.9	4528.93	947728	97.5666 ng/ml
Pseudoephedrine	2.590	2691945	43564.89	16.9	219.87	1305603	97.5703 ng/ml
Quetiapine	5.569	1341027	27370.94	58.8	44106.57	180223	101.8180 ng/ml
Sertraline	5.790	367926	1794.57	94.4	14035.65	154995	97.3828 ng/ml
Temazepam	5.817	1122244	542.16	27.4	575.69	526613	97.7017 ng/ml
Tramadol	4.244	2549363	2663.08	3.4	464.74	1199924	100.8803 ng/ml
Trazodone	5.168	1413607	92224.39	81.0	1471.98	586530	105.3803 ng/ml
Venlafaxine	5.043	2169167	2826.06	31.6	11048.41	1134194	97.0444 ng/ml
Zolpidem	4.927	1885956	3240.90	29.8	33076.28	949766	106.0437 ng/ml

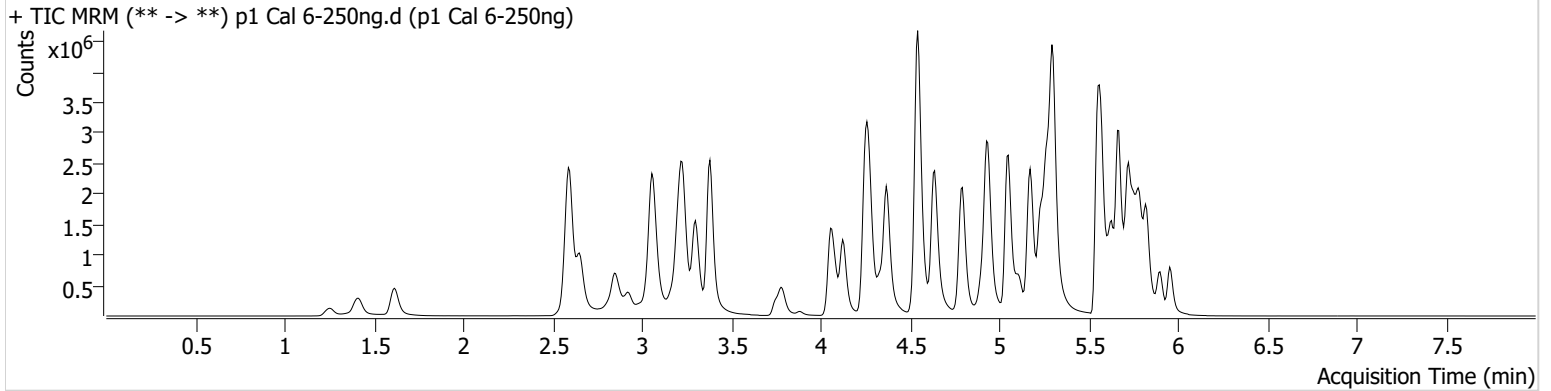
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-F1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 7:50:27 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	50571	260.80	69.9	100373.15	50581	25.0266 ng/ml
7-aminoclonazepam	4.263	527779	390.79	69.6	3867.55	86694	245.8251 ng/ml
a-hydroxyalprazolam	5.692	273693	536.18	68.5	921.94	166715	209.1033 ng/ml
alpha-PHP	4.936	805175	17422.88	258.9	220192.59	480262	254.8124 ng/ml
alpha-PVP	4.368	3302216	7435.25	50.9	115859.97	480262	252.6726 ng/ml
Alprazolam	5.776	1261074	2308.61	102.9	1883.58	166715	253.3961 ng/ml
Amphetamine	3.058	4867436	68018.97	46.3	22161.78	272695	208.9102 ng/ml
Benzoylecgonine	3.884	59196	2611.45	8.2	295.30	8551	237.1713 ng/ml
Buprenorphine	5.867	89033	139094.02	15.9	14195.81	119304	25.3810 ng/ml
Bupropion	4.794	3314741	113470.21	68.2	672.89	454910	251.5766 ng/ml
Carisoprodol	5.724	986214	35096.38	64.7	4443.02	176153	249.1830 ng/ml
Citalopram	5.225	2340357	1639.28	33.6	13743.00	417203	247.6990 ng/ml
Clonazepam	5.612	1070458	35102.71	34.8	38251.73	63977	258.3803 ng/ml
Clonazepam	5.549	627388	355732.73	38.1	286460.91	63977	212.0015 ng/ml
Cocaine	4.269	1878220	167181.60	57.6	38854.17	621759	250.6247 ng/ml
Codeine	2.594	194054	20677.35	101.2	15599.54	44975	231.2498 ng/ml
Cyclobenzaprine	5.635	1901386	929.80	8.1	2808.62	294627	247.2130 ng/ml
Dextromethorphan	5.275	1187857	27851.18	83.4	26639.30	198937	250.1179 ng/ml
Dextrophan	4.123	880118	1345.69	201.0	46934.00	349028	250.9445 ng/ml
Diazepam	5.954	816496	950.10	89.4	2120.13	149173	253.9372 ng/ml
Dihydrocodeine	2.566	567971	17607.77	72.2	812.88	155738	243.2216 ng/ml
Diphenhydramine	5.302	6143749	258561.78	31.3	43628.66	1429890	252.2485 ng/ml
Doxylamine	4.542	6389864	143089.04	96.2	201324.38	1075293	262.2393 ng/ml
EDDP	5.267	2432190	27163.20	41.1	1277.11	500050	249.7012 ng/ml
Etizolam	5.820	674999	12157.53	26.7	314250.46	63977	232.5372 ng/ml
Fentanyl	5.109	249064	10705.59	62.8	117380.70	524492	24.8366 ng/ml
Flualprazolam	5.706	452133	6540.82	104.1	45045.60	166715	257.1658 ng/ml
Fluoxetine	5.721	2208181	57174.96	7.7	485497.80	314702	249.9165 ng/ml
Hydrocodone	3.027	887009	3646.93	40.4	1444.27	224245	247.3603 ng/ml
Hydromorphone	1.615	860903	1684107.71	78.7	6295.04	109857	250.8489 ng/ml
Ketamine	4.056	2211955	2104.70	33.1	935.83	392501	256.6715 ng/ml
Lamotrigine	4.285	157481	9908.04	90.8	74838.10	392501	238.9947 ng/ml
Levetiracetam	2.651	868015	8271.55	166.8	15245.93	1022435	247.8846 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	609274	64466.36	54.4	1826.13	63977	154.5345 ng/ml
MDA	3.205	2528957	2735.23	28.5	3221.32	284044	238.1040 ng/ml
MDMA	3.299	2112914	29387.70	90.5	43782.52	83605	253.9605 ng/ml
Meprobamate	4.903	652667	40496.37	28.3	194.44	169759	221.8157 ng/ml
Methadone	5.666	3692863	61917.47	60.6	61637.94	585415	254.4682 ng/ml
Methamphetamine	3.227	4114424	2119.90	38.1	3576.95	734206	245.2045 ng/ml
Metoprolol	4.331	568721	73873.68	98.2	8576.23	964058	264.8911 ng/ml
Mirtazapine	4.636	4212767	2249.17	54.0	5911.36	480262	252.3469 ng/ml
Mitragynine	5.243	791426	570.18	36.6	231032.08	585415	256.2101 ng/ml
Morphine	1.253	141429	1501.91	30.5	403.67	7229	244.5334 ng/ml
Norbuprenorphine	4.998	10647	9109.46	89.1	18197.30	18544	24.9307 ng/ml
Nordiazepam	5.900	871060	9685.21	52.8	12539.76	117870	252.6492 ng/ml
Norfentanyl	4.090	526662	2992.57	36.2	3917.15	784249	25.2311 ng/ml
Norhydrocodone	3.075	127639	13135.91	40.8	290.17	39726	242.7383 ng/ml
Noroxycodone	2.925	716281	3842.92	48.8	6839.45	88427	237.9489 ng/ml
O-desmethyl-tramadol	3.379	5327353	∞	5.9	15280.22	1037977	254.5585 ng/ml
Oxazepam	5.756	949779	9108.69	71.5	6858.94	212252	258.6597 ng/ml
Oxycodone	2.843	1586821	4839.45	31.0	30511.44	261146	253.4229 ng/ml
Oxymorphone	1.411	743285	∞	47.2	∞	94871	247.2128 ng/ml
Phentermine	3.787	1171916	413.23	5.1	1436.01	647328	237.6705 ng/ml
Promethazine	5.552	4904063	97358.92	29.9	1037.76	800058	253.0653 ng/ml
Pseudoephedrine	2.597	5358617	1684.72	16.8	22884.10	1022435	247.5019 ng/ml
Quetiapine	5.569	2621721	9288.97	61.0	229066.44	140848	255.0213 ng/ml
Sertraline	5.790	749382	2052.75	93.4	11985.83	121417	253.0011 ng/ml
Temazepam	5.824	1962641	1404.45	26.9	514.07	364906	246.3896 ng/ml
Tramadol	4.251	5211958	∞	3.4	319.14	964058	257.3088 ng/ml
Trazodone	5.168	3040959	912.43	83.2	69967.30	515624	258.6182 ng/ml
Venlafaxine	5.050	4646055	4866.15	30.6	10540.61	945481	249.0824 ng/ml
Zolpidem	4.927	3849701	1785.69	28.9	263279.76	802030	257.0675 ng/ml

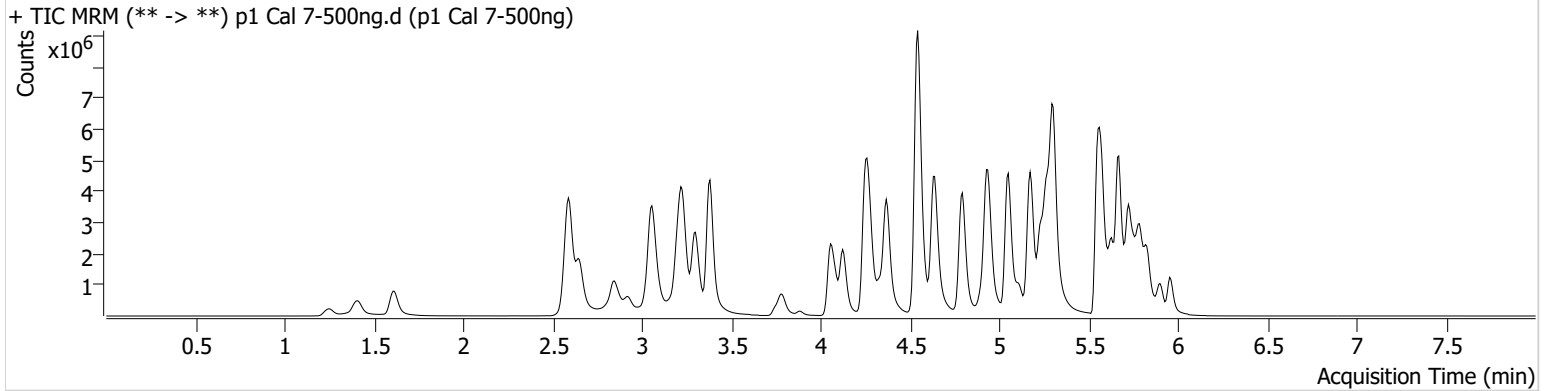
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-G1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 8:01:03 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	103075	2371.00	68.0	47767.63	50657	50.9051 ng/ml
7-aminoclonazepam	4.263	751582	13600.46	70.3	13553.44	69946	434.4384 ng/ml
a-hydroxyalprazolam	5.692	350393	3036.95	65.6	161.74	133608	334.7305 ng/ml
alpha-PHP	4.943	1398733	23264.13	259.4	53369.01	452412	470.6422 ng/ml
alpha-PVP	4.368	6327663	396185.45	50.8	1318.59	452412	513.8134 ng/ml
Alprazolam	5.776	1985732	917.91	102.7	3564.34	133608	497.8680 ng/ml
Amphetamine	3.058	7860245	22946.61	45.5	35258.55	267996	343.9676 ng/ml
Benzoylecgonine	3.884	134969	315.09	8.3	16952.68	8995	515.0048 ng/ml
Buprenorphine	5.867	186205	9105.81	15.1	38338.90	120990	52.3164 ng/ml
Bupropion	4.794	6560747	104290.68	67.6	120421.46	455300	497.6812 ng/ml
Carisoprodol	5.731	1283628	3398.86	63.0	2570.58	110424	516.9863 ng/ml
Citalopram	5.225	4106788	55296.18	32.8	119513.36	356631	508.4711 ng/ml
Clonazepam	5.612	1487326	32849.98	34.6	1300.39	47440	485.0551 ng/ml
Clonazepam	5.549	775257	2505.31	38.5	498809.63	47440	354.0300 ng/ml
Cocaine	4.269	3337780	144378.64	57.6	2839.35	556742	497.3174 ng/ml
Codeine	2.587	323769	11666.12	95.2	14899.94	40006	434.6438 ng/ml
Cyclobenzaprine	5.635	3387872	43035.84	7.9	15178.12	249785	518.9670 ng/ml
Dextromethorphan	5.275	1928551	46464.94	82.9	87681.21	161633	499.8274 ng/ml
Dextrophan	4.123	1671418	122763.63	198.9	38461.47	322111	516.3178 ng/ml
Diazepam	5.954	1405361	8891.17	88.1	69118.22	129766	502.6243 ng/ml
Dihydrocodeine	2.559	1021736	18278.08	72.8	195.01	161539	422.5361 ng/ml
Diphenhydramine	5.302	10769382	349049.30	31.7	26514.70	1220602	517.6056 ng/ml
Doxylamine	4.542	13380010	176443.03	95.1	225403.14	1136428	519.5891 ng/ml
EDDP	5.267	4515603	75764.04	40.7	13203.91	462505	501.2392 ng/ml
Etizolam	5.820	1138881	23703.95	26.6	10004.85	47440	528.6099 ng/ml
Fentanyl	5.109	532946	3754.74	61.6	477.15	542121	51.4090 ng/ml
Flualprazolam	5.706	665594	6273.48	110.0	30480.44	133608	472.8336 ng/ml
Fluoxetine	5.721	3611348	80434.86	7.7	11757.41	247403	519.5500 ng/ml
Hydrocodone	3.027	1629026	∞	41.0	127.94	214099	476.5695 ng/ml
Hydromorphone	1.615	1635411	1800062.33	79.8	3839617.15	103525	505.3599 ng/ml
Ketamine	4.056	4243997	79604.65	32.4	666.54	391943	493.8109 ng/ml
Lamotrigine	4.292	249641	15865.87	90.5	26820.58	391943	380.5474 ng/ml
Levetiracetam	2.651	1571326	7794.76	166.0	15523.05	876886	522.7308 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	649706	24064.31	54.7	626.62	47440	222.7545 ng/ml
MDA	3.199	3830826	1561.25	27.7	1364.64	251043	409.0126 ng/ml
MDMA	3.299	3863543	2454.80	91.6	9018.99	77187	502.9984 ng/ml
Meprobamate	4.903	988686	198.70	28.6	9020.87	157891	361.8111 ng/ml
Methadone	5.666	6832217	56824.31	59.5	∞	539390	510.6640 ng/ml
Methamphetamine	3.227	7556238	6175.16	37.3	4130.71	775517	427.1351 ng/ml
Metoprolol	4.331	967713	6552.85	99.8	4042.20	918778	473.6820 ng/ml
Mirtazapine	4.636	8251115	125760.03	53.4	102241.37	452412	524.2417 ng/ml
Mitragynine	5.243	1324084	306160.49	36.8	430484.56	539390	465.7999 ng/ml
Morphine	1.247	270218	1022.00	30.6	∞	6946	486.4509 ng/ml
Norbuprenorphine	5.005	20629	88.21	92.0	269.31	17813	50.5107 ng/ml
Nordiazepam	5.900	1339735	∞	53.1	1856.78	91431	501.1463 ng/ml
Norfentanyl	4.090	1029007	1210.21	36.6	20760.07	676531	57.0537 ng/ml
Norhydrocodone	3.075	254173	1056.93	40.4	330.66	33822	566.0259 ng/ml
Noroxycodone	2.918	1161495	12809.89	48.9	12412.32	68230	500.1046 ng/ml
O-desmethyl-tramadol	3.379	10349168	1446.82	5.8	1844.09	984638	521.0489 ng/ml
Oxazepam	5.756	990850	12826.31	71.9	8361.08	119976	477.6429 ng/ml
Oxycodone	2.836	2890148	705.22	31.1	∞	264500	456.7039 ng/ml
Oxymorphone	1.405	1425939	∞	46.4	∞	90393	497.9199 ng/ml
Phentermine	3.787	2046625	4534.32	4.9	5873.79	659322	408.2407 ng/ml
Promethazine	5.552	9056872	3364.73	29.4	2458.94	715729	522.1965 ng/ml
Pseudoephedrine	2.590	9623264	100129.59	16.5	37001.56	876886	517.8867 ng/ml
Quetiapine	5.569	4554001	119345.49	60.7	119757.22	126101	494.9827 ng/ml
Sertraline	5.790	1250412	26876.24	91.9	245727.88	100883	507.9527 ng/ml
Temazepam	5.824	2620751	3776.07	26.5	73068.31	236072	508.4246 ng/ml
Tramadol	4.251	9533924	775.01	3.3	285.14	918778	494.2386 ng/ml
Trazodone	5.168	5968989	167823.67	82.9	196197.98	536955	487.9253 ng/ml
Venlafaxine	5.050	9009936	1909.66	29.8	2422.74	883670	516.6463 ng/ml
Zolpidem	4.927	7077101	7364.34	28.3	50573.90	793074	478.3615 ng/ml

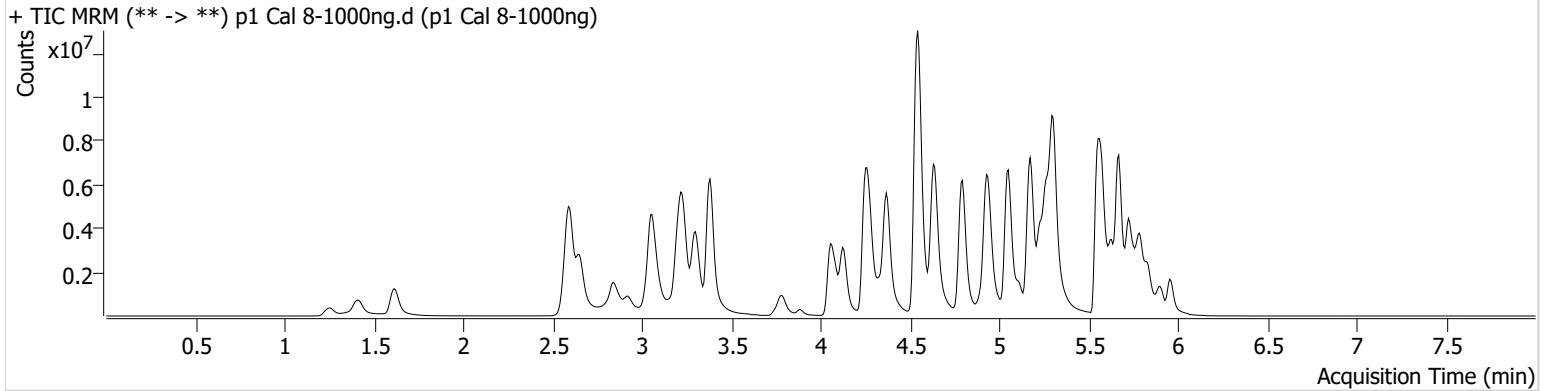
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2022\AM 27-28\080522 AM 27 28 CS\QuantResults\AM 28.batch.bin
Calibration Last Update 8/10/2022 1:38:59 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Celena Shrum
Sample Position	P6-H1	Comment	
Injection Volume	2		
Acq. Date-Time	8/5/2022 8:11:42 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.141	185187	3354.57	67.0	400.04	44597	103.8585 ng/ml
7-aminoclonazepam	4.263	679685	5654.08	77.3	274.89	42438	647.8973 ng/ml
a-hydroxyalprazolam	5.692	368961	151.15	65.8	228.13	94652	498.0976 ng/ml
alpha-PHP	4.943	2017304	33373.42	263.4	99586.18	362649	847.4856 ng/ml
alpha-PVP	4.368	10249084	∞	50.9	1586.87	362649	1038.0734 ng/ml
Alprazolam	5.776	2785413	∞	102.9	2765.18	94652	985.7837 ng/ml
Amphetamine	3.058	10531381	108170.38	46.2	2477.32	229727	538.2342 ng/ml
Benzoylecgonine	3.884	270107	1150.34	8.3	3441.19	9149	1013.9838 ng/ml
Buprenorphine	5.867	327495	4301.52	15.5	38251.96	102485	108.6012 ng/ml
Bupropion	4.794	10993723	363144.63	67.2	74487.25	393573	964.9162 ng/ml
Carisoprodol	5.731	1461166	195668.64	64.3	7698.73	61055	1063.9529 ng/ml
Citalopram	5.225	5565130	291863.08	32.6	45168.47	241135	1019.0507 ng/ml
Clonazepam	5.605	1793689	34887.78	34.5	26884.69	31289	887.8029 ng/ml
Clonazepam	5.549	788246	3777.68	39.6	309849.11	31289	546.3848 ng/ml
Cocaine	4.269	5088264	43856.46	56.0	224151.39	414164	1019.0404 ng/ml
Codeine	2.587	441157	7267.46	98.5	17470.95	31529	752.1983 ng/ml
Cyclobenzaprine	5.635	4995201	1875.10	7.7	1099.97	177481	1076.3332 ng/ml
Dextromethorphan	5.275	2581518	57238.66	82.1	47217.76	105047	1029.4922 ng/ml
Dextrophan	4.123	2657329	65044.34	202.5	25663.08	251922	1049.5134 ng/ml
Diazepam	5.954	2086425	568.92	90.2	3349.67	99778	970.6454 ng/ml
Dihydrocodeine	2.559	1622614	23728.67	72.5	22038.18	149396	726.2662 ng/ml
Diphenhydramine	5.302	15910141	138670.72	31.9	87748.02	893854	1043.8513 ng/ml
Doxylamine	4.545	20947580	225975.65	96.3	193512.15	1001746	922.8416 ng/ml
EDDP	5.267	7637412	121084.09	39.4	42571.43	375876	1043.1617 ng/ml
Etizolam	5.820	1664557	22113.43	27.1	38239.44	31289	1170.9545 ng/ml
Fentanyl	5.109	975998	52143.98	62.4	21260.15	493399	103.4359 ng/ml
Flualprazolam	5.706	854366	28801.58	112.2	6029.70	94652	857.1662 ng/ml
Fluoxetine	5.721	4746819	18086.33	7.5	21146.19	155028	1089.4624 ng/ml
Hydrocodone	3.027	2662320	2045.65	41.6	253.32	187822	888.5283 ng/ml
Hydromorphone	1.615	2734001	7553365.24	79.9	462.08	87351	1000.9580 ng/ml
Ketamine	4.056	6874338	228603.15	31.7	9393.47	341765	917.9002 ng/ml
Lamotrigine	4.292	325378	12783.36	90.9	29244.17	341765	569.7892 ng/ml
Levetiracetam	2.651	2411622	20340.21	169.8	85072.05	628093	1119.5589 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.747	669679	668.98	54.7	343.20	31289	348.7982 ng/ml
MDA	3.199	4855162	5902.38	26.9	21590.81	188696	690.5471 ng/ml
MDMA	3.299	5706922	11215.96	92.0	1254.55	59305	967.0301 ng/ml
Meprobamate	4.896	1295992	22289.96	28.2	26621.64	127142	589.5063 ng/ml
Methadone	5.666	10656257	525443.59	59.4	62573.54	401541	1069.5921 ng/ml
Methamphetamine	3.227	11828239	47397.28	36.4	42412.81	725985	714.9667 ng/ml
Metoprolol	4.331	1364789	11287.07	99.9	35405.22	755209	813.4107 ng/ml
Mirtazapine	4.630	13327767	2192.12	53.2	7788.55	362649	1055.9829 ng/ml
Mitragynine	5.243	1905897	6439.75	37.1	24482.13	401541	901.3100 ng/ml
Morphine	1.253	455080	∞	29.8	∞	6058	939.4647 ng/ml
Norbuprenorphine	4.998	37691	45508.93	91.3	12461.63	16169	101.8966 ng/ml
Nordiazepam	5.900	1717060	1928.10	56.4	1313.46	63763	921.1571 ng/ml
Norfentanyl	4.090	1710488	30456.45	36.2	8743.99	484186	132.4170 ng/ml
Norhydrocodone	3.075	446622	∞	41.1	159.87	28410	1182.6573 ng/ml
Noroxycodone	2.918	1625806	8860.07	49.5	4136.40	41032	1164.0618 ng/ml
O-desmethyl-tramadol	3.379	16685485	∞	5.9	432.90	799544	1034.2948 ng/ml
Oxazepam	5.750	940812	12618.64	73.4	4477.59	58443	931.3080 ng/ml
Oxycodone	2.836	4386625	5475.90	31.0	12368.54	229095	801.2361 ng/ml
Oxymorphone	1.411	2326636	∞	48.1	∞	77090	952.7744 ng/ml
Phentermine	3.780	2958629	∞	5.0	4500.68	585141	665.6143 ng/ml
Promethazine	5.545	13931773	175087.29	29.6	690.66	546902	1051.0173 ng/ml
Pseudoephedrine	2.597	14213530	101010.47	16.3	61869.75	628093	1067.5535 ng/ml
Quetiapine	5.569	6454625	177120.32	62.1	64462.09	95275	928.7412 ng/ml
Sertraline	5.790	1622194	1403.37	91.2	137320.55	63128	1052.9654 ng/ml
Temazepam	5.831	2919465	47251.73	26.1	465.24	128565	1039.8529 ng/ml
Tramadol	4.244	14578576	1803.02	3.3	397.26	755209	919.7797 ng/ml
Trazodone	5.168	9723108	135117.31	82.6	963.36	497791	857.7225 ng/ml
Venlafaxine	5.050	14605128	480116.30	29.5	6666.39	701473	1054.8361 ng/ml
Zolpidem	4.927	10866287	154847.95	27.6	167501.48	688704	846.1877 ng/ml