

Worklist: 6304

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-0502	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0623	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0635	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0638	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0694	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-0907	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0556	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0588	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0589	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0590	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0591	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0607	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0652	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0660	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0668	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0669	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0670	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0684	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0685	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0688	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0715	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6304

8C

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-0864	1	UCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0864	2	UCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0864	3	UCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 03/30/2023

Plate lot#: 230117

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

Blank Blood Lot: Lampire 23A52593

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

Analyst: Sarah Collins

Plate Retest Date: 07/17/2023

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot: POC021022

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: #42
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- 6. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 7. Transfer **300µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate.
- 8. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- 9. Wait 5 minutes.
- 10. Add **900uL ethyl acetate**.
- 11. Wait 5 minutes.
- 12. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 13. Add **900uL ethyl acetate**.
- 14. Wait 5 minutes.
- 15. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left)**.
- 16. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- 18. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS: *Due to variable internal standard responses, calibrators 4, 5, and 6 were reinjected. Per the analytical method, QC 100 was also reinjected.*

Urine samples were evaluated only for the following compounds: 6-MAM, benzoylecgonine, EDDP, hydromorphone, methadone, and morphine

80

Curve Range Limits:

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

Amphetamine 5-100 (calibrator 6, 7, and 8 dropped due to accuracy; reported qualitatively due to 5 points in curve)

Buprenorphine 2.5-100 (calibrator 1 and 2 dropped due to QC 10 ratio out)

Dihydrocodeine 5-500 (calibrator 8 dropped due to accuracy)

Flualprazolam 5-500 (calibrator 8 dropped due to accuracy)

Lamotrigine 5-500 (calibrator 8 dropped due to accuracy)

MDA 5-500 (calibrator 8 dropped due to accuracy)

Meprobamate 5-100 (calibrator 6, 7, and 8 dropped due to accuracy; reported qualitatively due to 5 points in curve)

Methamphetamine 5-500 (calibrator 8 dropped due to accuracy)

Metoprolol 5-500 (calibrator 8 dropped due to accuracy)

Nobuprenorphine 2.5-100 (calibrator 1 and 2 dropped due to QC 10 ratio out)

Norfentanyl 0.5-50 (calibrator 8 dropped due to accuracy)

Phentermine 5-500 (calibrator 8 dropped due to accuracy)

Did not evaluate:

a-hydroxyalprazolam (accuracy)

Chlordiazepoxide (rising ratios)

Clonazepam (accuracy)

DMT (rising ratios)

Etizolam (accuracy)

8C

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	p2023-0864-3	p2023-0589-1	p2023-0591-1							IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	m2023-0623-1	p2023-0588-1	p2023-0688-1							IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	m2023-0502-1	p2023-0590-1	p2023-0607-1							IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	m2023-0635-1	p2023-0670-1	p2023-0684-1						IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2 urine	m2023-0694-4	p2023-0668-1	p2023-0715-1						IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	urine negative	m2023-0638-1	p2023-0660-1	p2023-0669-1						IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	p2023-0864-1	p2023-0556-1	p2023-0652-1							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	p2023-0864-2	m2023-0907-1	p2023-0685-1							IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

SC

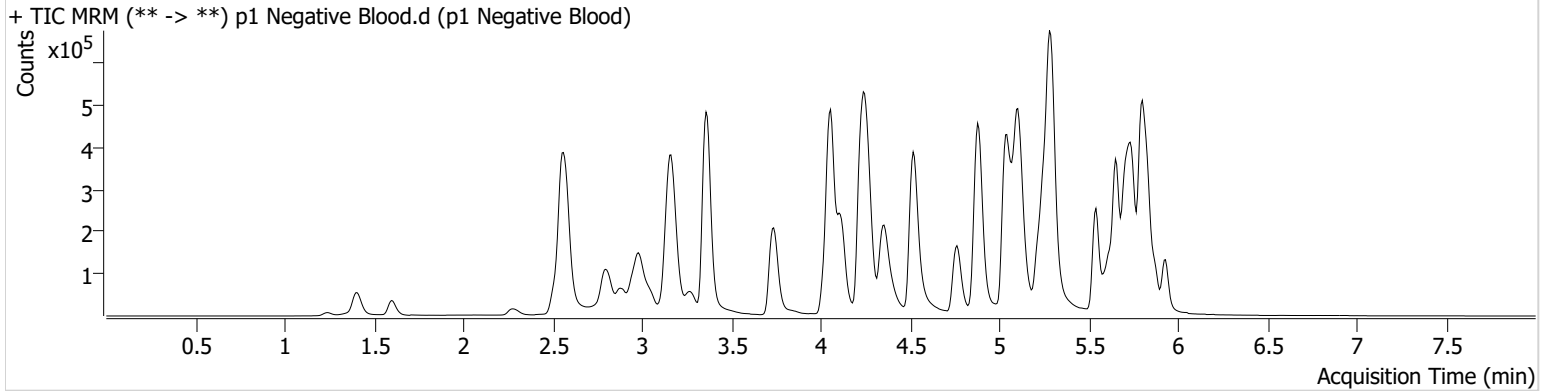
AM #28 Multi-Drug Quant. Results



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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Negative Blood.d
Type	Sample	Sample	p1 Negative Blood
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G5	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 10:36:54 PM		
Sample Info.			

Sample Chromatogram



AM #28 Multi-Drug Quant. Results

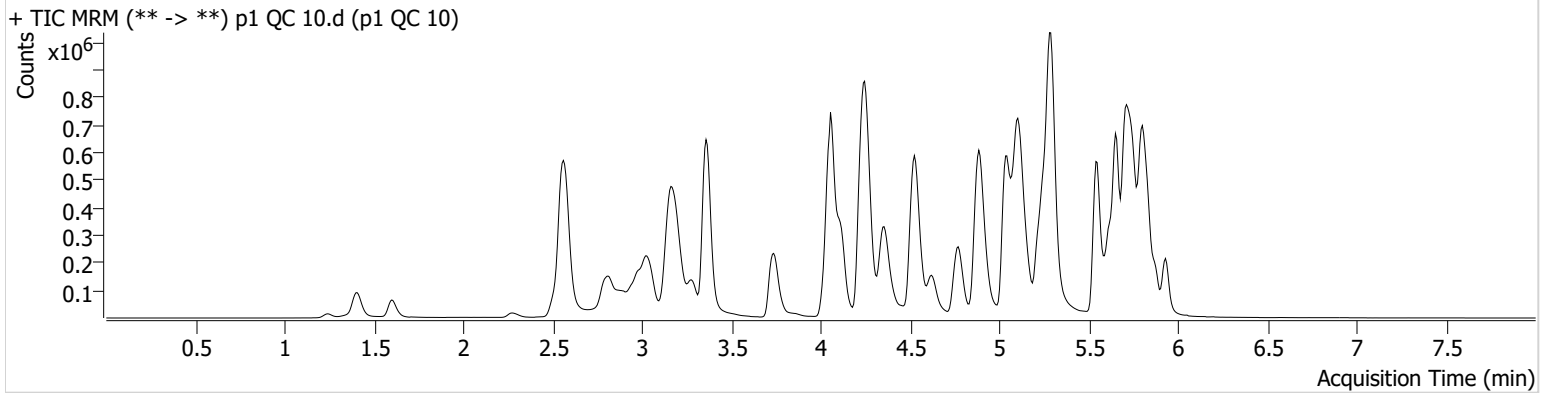
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 QC 10.d
Type	QC	Sample	p1 QC 10
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-A2	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 9:22:29 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	3412	521.69	67.3	4921.81	86796	1.0115 ng/ml
7-aminoclonazepam	4.251	57256	100.14	88.8	103.50	225722	10.6452 ng/ml
alpha-PHP	4.928	50292	423.77	257.0	345.43	693272	10.2844 ng/ml
alpha-PVP	4.363	191616	263.61	51.7	335.88	693272	10.2261 ng/ml
Alprazolam	5.759	121871	591.94	117.0	391.34	309502	10.2025 ng/ml
Amphetamine	3.037	357091	367.17	42.8	1543.25	390944	10.4894 ng/ml
Benzoylcegonine	3.864	4752	227.30	8.4	95.84	15780	9.4608 ng/ml
Buprenorphine	5.817	3545	52.60	20.2 High	667.84	114523	1.1832 ng/ml
Bupropion	4.785	203502	268.57	63.4	251.26	616759	10.3965 ng/ml
Carisoprodol	5.714	132291	158.83	58.3	208.21	581070	9.7392 ng/ml
Chlorpheniramine	5.118	307126	1052.72	0.2	16.30	1261053	9.9916 ng/ml
Citalopram	5.225	178533	844.28	38.7	551.78	635855	9.8318 ng/ml
Clonazepam	5.601	128675	2959.84	33.9	1782.34	160560	10.3720 ng/ml
Cocaine	4.264	133798	161.38	56.7	30360.61	1083249	9.7896 ng/ml
Codeine	2.573	19451	288.08	106.0	5589.18	76848	10.7254 ng/ml
Cyclobenzaprine	5.625	121171	606.83	7.2	580.82	481407	10.0061 ng/ml
Dextromethorphan	5.269	91737	110.34	78.2	84.29	376769	10.1784 ng/ml
Dextrophan	4.118	58281	641.74	222.3	322.01	633811	9.7990 ng/ml
Diazepam	5.938	91957	265.92	88.7	15086.75	317921	10.4241 ng/ml
Dihydrocodeine	2.545	49610	347.60	55.7	43.05	292817	10.2260 ng/ml
Diphenhydramine	5.297	517933	426.38	30.6	469.21	1985712	9.9792 ng/ml
Doxylamine	4.538	386962	1604.71	100.6	2530.38	1617806	9.6852 ng/ml
Duloxetine	5.651	9967	244.92	14.9	188.93	43565	10.5577 ng/ml
EDDP	5.262	137630	176.76	43.3	353.27	663307	9.6511 ng/ml
Fentanyl	5.101	13433	512.16	72.2	6503.03	606751	1.0235 ng/ml
Flualprazolam	5.695	54793	1648.14	91.4	4471.55	309502	10.8653 ng/ml
Fluorofentanyl	5.156	31477	280.93	40.7	237.00	5777	0.9543 ng/ml
Fluoxetine	5.704	110884	87.89	7.7	117.59	385640	9.7958 ng/ml
Hydrocodone	3.019	81017	110.14	31.8	148.75	387662	10.4822 ng/ml
Hydromorphone	1.609	51398	1049.29	73.1	3213.64	151538	10.1938 ng/ml
Hydroxyzine	5.701	160977	2063.84	72.7	1774.34	376769	9.8901 ng/ml
Ketamine	4.043	146055	368.99	40.4	305.67	437267	10.3636 ng/ml
Lamotrigine	4.274	12925	120.17	85.9	2889.29	1670995	9.9632 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	107227	709.69	45.9	159.33	683489	11.0124 ng/ml
MDA	3.191	247441	1275.98	33.7	282.47	648571	10.4933 ng/ml
MDMA	3.285	124985	1585.82	101.1	787.35	156276	9.7339 ng/ml
Meprobamate	4.895	86902	302.23	27.7	1084.91	404729	10.5147 ng/ml
Methadone	5.656	298649	471.65	46.1	220.82	987098	10.0774 ng/ml
Methamphetamine	3.212	301258	383.58	32.9	612.51	1070006	10.0732 ng/ml
Metoprolol	4.320	39177	276.94	100.3	2032.95	1413486	10.5509 ng/ml
Mirtazapine	4.627	265072	359.54	50.0	849.44	693272	10.4852 ng/ml
Mitragynine	5.230	51222	502.95	37.0	674.78	987098	10.8219 ng/ml
Morphine	1.247	7104	53.49	17.4	246.18	10213	10.4137 ng/ml
Norbuprenorphine	4.990	942	392.84	74.5 Low	1183.84	24133	1.2656 ng/ml
Nordiazepam	5.877	74905	991.73	63.9	177.04	208636	10.1379 ng/ml
Norfentanyl	4.078	32262	419.55	36.7	189.39	1206632	0.9817 ng/ml
Norhydrocodone	3.060	12419	145.80	41.5	90.33	139206	9.2282 ng/ml
Noroxycodone	2.904	76237	305.71	43.7	208.30	260405	9.8690 ng/ml
O-desmethyl-tramadol	3.366	318057	2661.88	5.7	209.09	1819431	9.7010 ng/ml
o-desmethylvenlafaxine	4.063	440516	∞	19.9	121.02	345801	9.8871 ng/ml
Olanzapine	4.468	44058	176.32	56.1	213.40	103470	10.2348 ng/ml
Oxazepam	5.740	140936	1995.00	72.1	255.86	683489	10.5340 ng/ml
Oxycodone	2.828	151459	536.07	27.8	363.32	546852	10.4824 ng/ml
Oxymorphone	1.405	82201	∞	41.9	231.12	257554	9.8803 ng/ml
Phentermine	3.774	79782	115.11	6.5	51.88	836094	9.5409 ng/ml
Promethazine	5.541	183514	191.95	31.5	530.90	780584	9.4186 ng/ml
Pseudoephedrine	2.569	429099	783.02	17.4	258.56	1670995	9.8445 ng/ml
Quetiapine	5.551	204345	8320.99	58.8	3017.63	265550	10.5907 ng/ml
Sertraline	5.773	33248	765.15	111.6	752.41	127647	10.6657 ng/ml
Temazepam	5.807	222509	444.68	28.3	82.63	1110218	10.1042 ng/ml
Tramadol	4.239	302346	∞	3.7	87.38	1413486	10.0894 ng/ml
Trazodone	5.141	206320	5140.99	62.3	421.39	675593	10.6533 ng/ml
Venlafaxine	5.036	280814	265.13	36.0	177.37	1554362	9.4322 ng/ml
Zolpidem	4.905	321912	1228.40	29.3	896.62	1388930	10.1024 ng/ml

AM #28 Multi-Drug Quant. Results

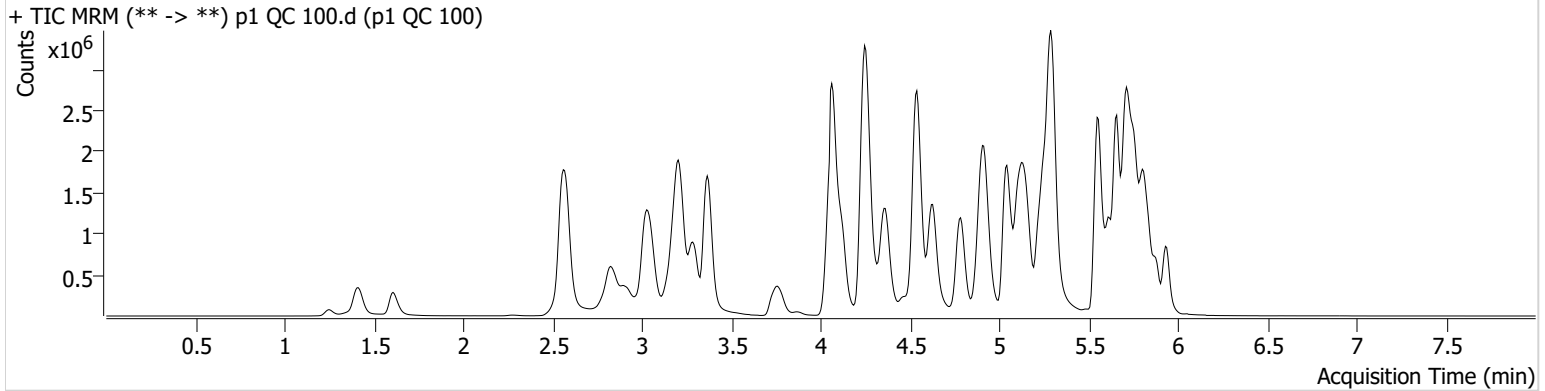
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 QC 100.d
Type	QC	Sample	p1 QC 100
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 4:38:06 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	35946	3851.83	73.7	1156.03	93164	10.2054 ng/ml
7-aminoclonazepam	4.251	502241	5108.95	87.2	8714.23	205966	111.1354 ng/ml
alpha-PHP	4.935	539817	11044.73	255.4	1326.83	747727	105.9192 ng/ml
alpha-PVP	4.363	2109381	46616.79	52.8	44621.80	747727	101.3744 ng/ml
Alprazolam	5.759	1197222	5417.04	114.2	970.40	290610	105.7018 ng/ml
Amphetamine	3.037	3446626	4601.28	40.8	1263.30	417562	101.6459 ng/ml
Benzoylcegonine	3.871	46000	1438.45	7.9	550.92	15139	98.1248 ng/ml
Buprenorphine	5.824	37956	1918.17	15.2	6627.21	120935	9.2385 ng/ml
Bupropion	4.785	2235370	831.70	62.7	12584.37	668433	104.9860 ng/ml
Carisoprodol	5.714	954632	936.55	61.6	349.17	422620	91.8476 ng/ml
Chlorpheniramine	5.118	3259491	4558.18	0.3	164.22	1344397	100.2392 ng/ml
Citalopram	5.225	1785160	2847.02	39.0	765681.27	629338	98.4132 ng/ml
Clonazepam	5.601	1146007	4553.29	33.0	2214.58	145215	108.9763 ng/ml
Cocaine	4.264	1386788	52546.38	56.2	429.00	1101430	100.3612 ng/ml
Codeine	2.566	176979	7560.45	104.5	5427.63	72263	114.9923 ng/ml
Cyclobenzaprine	5.625	1077563	576.25	7.3	235.65	416643	98.2691 ng/ml
Dextromethorphan	5.269	893665	19433.72	77.6	280.82	373582	99.6184 ng/ml
Dextrophan	4.118	640513	934.60	221.5	81466.99	680164	97.9321 ng/ml
Diazepam	5.938	936132	∞	87.7	∞	318666	107.9500 ng/ml
Dihydrocodeine	2.538	504690	1366.29	55.4	8490.23	311923	108.1147 ng/ml
Diphenhydramine	5.297	5319655	172863.77	30.6	48891.78	1945571	99.7010 ng/ml
Doxylamine	4.538	4432946	129492.38	98.1	359247.80	1756966	99.3630 ng/ml
Duloxetine	5.651	63229	2134.43	14.9	3120.31	30565	98.6600 ng/ml
EDDP	5.262	1574421	11868.87	43.6	97584.13	756160	93.8604 ng/ml
Fentanyl	5.101	127076	83.86	70.3	590.94	570780	10.6127 ng/ml
Flualprazolam	5.695	461559	14157.40	102.3	9725.99	290610	106.5290 ng/ml
Fluorofentanyl	5.156	281614	2368.20	41.0	158079.19	4973	9.1033 ng/ml
Fluoxetine	5.711	693299	735.41	7.7	92022.15	245089	92.3670 ng/ml
Hydrocodone	3.013	732124	∞	32.4	∞	398060	99.3473 ng/ml
Hydromorphone	1.609	543123	5627.03	72.9	1244213.38	156636	103.4646 ng/ml
Hydroxyzine	5.708	1522044	28043.47	76.9	5853.07	373582	88.1391 ng/ml
Ketamine	4.043	1483439	615.86	41.3	6064.83	462245	108.8757 ng/ml
Lamotrigine	4.281	119935	1938.49	85.6	2051.59	1657256	106.6006 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	635160	1783.17	48.0	1151.17	494044	99.5146 ng/ml
MDA	3.191	2156701	2367.60	32.7	1532.20	596272	111.2642 ng/ml
MDMA	3.292	1334381	24307.04	103.0	7395.84	165152	96.0309 ng/ml
Meprobamate	4.901	731837	1474.05	28.0	723.12	378623	98.7242 ng/ml
Methadone	5.656	3132832	197545.18	45.6	2195.58	1053784	96.3975 ng/ml
Methamphetamine	3.212	3287660	135198.50	32.0	1366.84	1191596	105.8708 ng/ml
Metoprolol	4.327	400442	279419.22	100.3	17510.86	1559175	102.2286 ng/ml
Mirtazapine	4.627	2856205	117807.33	48.8	47354.17	747727	98.2196 ng/ml
Mitragynine	5.230	499302	78282.56	37.0	9583.81	1053784	108.0632 ng/ml
Morphine	1.247	75254	956.06	17.6	756.93	10889	103.6924 ng/ml
Norbuprenorphine	4.997	6251	14021.50	103.7	7326.27	26210	9.5846 ng/ml
Nordiazepam	5.877	741340	2195.92	63.7	6292.30	208308	100.3269 ng/ml
Norfentanyl	4.085	308193	948.76	37.2	1321.29	1128588	9.1554 ng/ml
Norhydrocodone	3.067	116246	∞	39.2	154.12	107574	97.7938 ng/ml
Noroxycodone	2.904	697592	1620.63	45.0	631.28	242977	94.6108 ng/ml
O-desmethyl-tramadol	3.366	3536263	2729.79	5.8	892.57	1921552	98.2302 ng/ml
o-desmethylvenlafaxine	4.069	4865297	308070.08	18.7	3794.22	357412	98.3433 ng/ml
Olanzapine	4.468	427539	1600.37	56.8	626.75	99382	96.8553 ng/ml
Oxazepam	5.740	978370	434.66	76.0	2885.93	494044	101.9021 ng/ml
Oxycodone	2.822	1578342	1294.96	27.6	3810.36	592753	110.1684 ng/ml
Oxymorphone	1.411	829796	∞	42.4	∞	256143	104.5788 ng/ml
Phentermine	3.774	826501	6632.29	5.9	125.38	887154	114.5984 ng/ml
Promethazine	5.541	1747294	2670.47	30.7	1592.81	712151	93.8541 ng/ml
Pseudoephedrine	2.571	4397166	76654.40	17.0	69392.32	1657256	97.0600 ng/ml
Quetiapine	5.558	2026657	51663.77	60.0	78850.61	273154	109.5814 ng/ml
Sertraline	5.773	209180	∞	104.9	1197.12	87739	95.2848 ng/ml
Temazepam	5.807	1906655	1346.08	27.5	779.38	959032	99.1002 ng/ml
Tramadol	4.246	3127976	∞	3.6	161.28	1559175	99.5746 ng/ml
Trazodone	5.148	1974427	2022244.41	66.2	477112.66	674766	106.9392 ng/ml
Venlafaxine	5.043	3175771	63168.66	35.4	2045.17	1679445	94.0780 ng/ml
Zolpidem	4.905	3418400	21028.61	28.5	1164.92	1485414	105.6415 ng/ml

AM #28 Multi-Drug Quant. Results

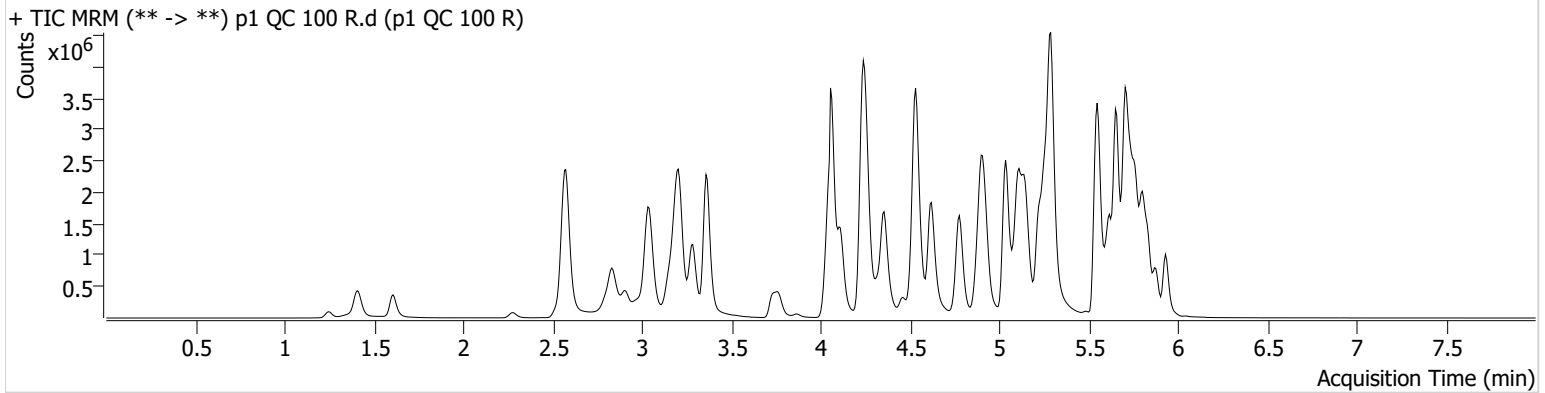
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

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	Sarah Collins
Sample Position	P2-B2	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 2:38:55 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	40202	58641.18	74.1	21459.36	108157	9.8303 ng/ml
7-aminoclonazepam	4.244	520206	1650.70	86.7	3381.40	223834	105.8742 ng/ml
alpha-PHP	4.928	601744	19516.53	255.6	3919.23	802141	110.0762 ng/ml
alpha-PVP	4.357	2320810	1307.12	52.6	15333.52	802141	103.9609 ng/ml
Alprazolam	5.759	1239970	2036.70	116.1	3120.97	311183	102.2416 ng/ml
Amphetamine	3.043	3649182	27397.70	40.2	3634.58	472780	94.9950 ng/ml
Benzoylcegonine	3.864	52421	792.82	8.2	3780.10	16652	101.6748 ng/ml
Buprenorphine	5.817	46697	14324.23	15.2	9166.96	136901	10.0143 ng/ml
Bupropion	4.778	2537708	50252.45	61.7	1402.87	764774	104.1717 ng/ml
Carisoprodol	5.714	932907	326.15	58.8	371.48	377712	100.3790 ng/ml
Chlorpheniramine	5.111	3884456	7706.65	0.3	228.85	1611095	99.6832 ng/ml
Citalopram	5.218	2084404	19312.19	39.0	947.33	726819	99.4973 ng/ml
Clonazepam	5.601	1168110	1101.45	32.9	35327.03	149486	107.8963 ng/ml
Cocaine	4.257	1498673	639.03	55.7	15409.05	1199745	99.5700 ng/ml
Codeine	2.580	176424	126.31	104.1	12161.44	81566	101.4065 ng/ml
Cyclobenzaprine	5.625	1735264	37518.46	7.3	846.98	667947	98.7080 ng/ml
Dextromethorphan	5.262	1075036	23514.92	76.5	193.64	450984	99.2689 ng/ml
Dextrophan	4.111	721085	22735.11	217.9	49762.52	755860	99.2066 ng/ml
Diazepam	5.931	943079	4640.32	88.9	602.37	332871	104.1024 ng/ml
Dihydrocodeine	2.552	528354	498.02	55.6	833.75	351941	100.2262 ng/ml
Diphenhydramine	5.290	6292573	22978.01	30.7	418.93	2288072	100.2786 ng/ml
Doxylamine	4.531	4959148	142592.17	98.8	17191.87	1969624	99.1566 ng/ml
Duloxetine	5.644	134695	1458.51	14.5	499.87	64487	99.6201 ng/ml
EDDP	5.255	1777245	22845.65	42.8	14278.49	845973	94.7006 ng/ml
Fentanyl	5.094	179651	482.70	71.3	113047.84	819734	10.4464 ng/ml
Flualprazolam	5.688	493988	7960.71	99.6	6553.47	311183	106.4751 ng/ml
Fluorofentanyl	5.149	434557	1663.79	41.9	129357.48	7274	9.5994 ng/ml
Fluoxetine	5.704	1460137	1284.06	7.7	123.35	484984	98.2782 ng/ml
Hydrocodone	3.013	841509	215.40	32.9	4925.22	439384	103.4885 ng/ml
Hydromorphone	1.609	565146	15122.69	72.2	4143.99	169765	99.3372 ng/ml
Hydroxyzine	5.701	1966664	16565.52	75.6	38681.56	450984	94.2893 ng/ml
Ketamine	4.036	1598097	38737.21	41.1	1399.40	511777	105.9098 ng/ml
Lamotrigine	4.274	128816	453.57	88.5	1741.06	1718150	110.4931 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.730	621002	2624.25	47.9	879.60	501848	95.7351 ng/ml
MDA	3.184	2254933	12780.02	32.4	731.79	671473	103.2040 ng/ml
MDMA	3.285	1454599	57537.26	103.0	4641.75	180351	95.8609 ng/ml
Meprobamate	4.895	771080	29346.32	28.2	∞	407467	96.6439 ng/ml
Methadone	5.656	3898586	3148.76	44.4	2591.67	1251463	100.9968 ng/ml
Methamphetamine	3.212	3675218	36368.28	32.0	2703.57	1337880	105.4070 ng/ml
Metoprolol	4.320	447094	813.74	99.9	81149.46	1735034	102.5715 ng/ml
Mirtazapine	4.620	3334345	1439.03	48.5	7531.89	802141	106.8196 ng/ml
Mitragynine	5.230	619889	186413.50	37.4	2929.52	1251463	113.0213 ng/ml
Morphine	1.247	82728	1752.91	17.6	1086.84	11929	104.0491 ng/ml
Norbuprenorphine	4.990	8205	1014.38	103.3	9433.99	29278	11.3262 ng/ml
Nordiazepam	5.877	747206	946.11	63.4	732.86	207698	101.4172 ng/ml
Norfentanyl	4.078	343857	17005.29	37.3	2511.31	1150376	10.0124 ng/ml
Norhydrocodone	3.060	129741	1182.29	39.5	226.92	117041	100.2855 ng/ml
Noroxycodone	2.904	787246	639.32	43.8	1600.01	269821	96.1438 ng/ml
O-desmethyl-tramadol	3.366	3775819	2068.98	5.8	1168.91	2063391	97.6770 ng/ml
o-desmethylvenlafaxine	4.056	5211635	121560.64	19.0	3511.50	382512	98.4307 ng/ml
Olanzapine	4.461	547937	2870.07	57.4	845.40	129889	94.9897 ng/ml
Oxazepam	5.740	1026508	260.77	73.1	225.00	501848	105.2561 ng/ml
Oxycodone	2.828	1693422	2843.87	27.9	2631.38	660816	105.9855 ng/ml
Oxymorphone	1.405	894561	∞	42.9	∞	279597	103.2780 ng/ml
Phentermine	3.767	894721	∞	6.0	4559.75	995078	110.5171 ng/ml
Promethazine	5.541	2776852	4442.52	31.0	635.82	1133086	93.7458 ng/ml
Pseudoephedrine	2.576	4617165	1037.27	17.0	747.43	1718150	98.2976 ng/ml
Quetiapine	5.551	2261780	99336.91	61.0	2511.90	309948	107.7624 ng/ml
Sertraline	5.773	495526	4238.49	102.5	593936.54	199473	99.2719 ng/ml
Temazepam	5.800	1925159	44295.08	27.9	878.57	931856	102.9751 ng/ml
Tramadol	4.239	3453673	∞	3.5	1401.65	1735034	98.7946 ng/ml
Trazodone	5.141	2473459	43726.17	67.1	1203.24	877206	103.0303 ng/ml
Venlafaxine	5.036	3633654	3268.98	33.6	1286.36	1859037	97.2270 ng/ml
Zolpidem	4.898	3832682	7275.02	28.3	3205.79	1674768	105.0495 ng/ml

AM #28 Multi-Drug Quant. Results

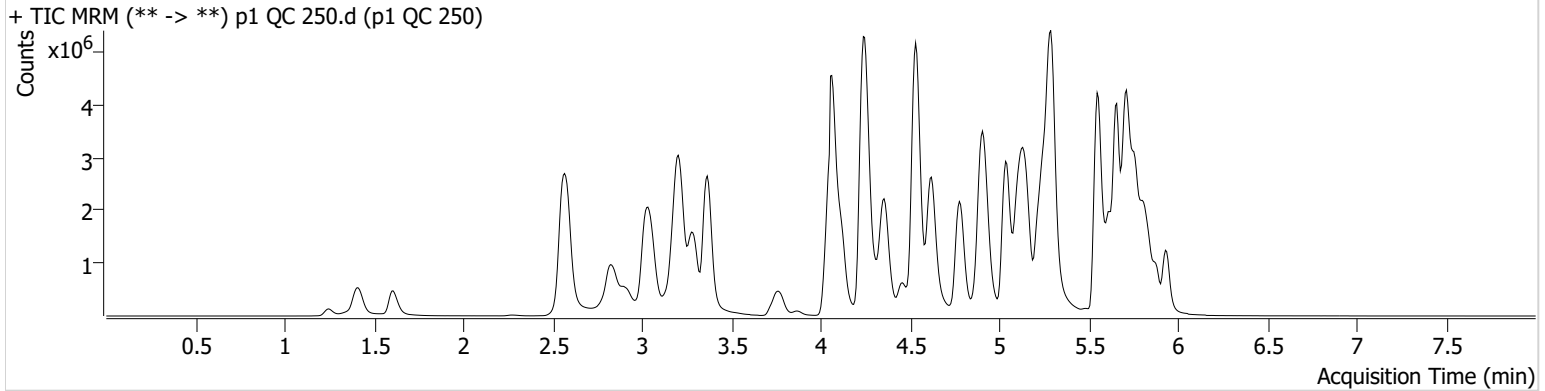
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 QC 250.d
Type	QC	Sample	p1 QC 250
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C2	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 9:43:44 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	72581	123361.93	70.5	3812.84	74411	25.8482 ng/ml
7-aminoclonazepam	4.251	841556	12579.32	88.6	767.40	149421	258.0273 ng/ml
alpha-PHP	4.928	986435	20138.90	253.9	13675.54	557138	260.3418 ng/ml
alpha-PVP	4.357	4011990	∞	52.6	994.63	557138	258.2638 ng/ml
Alprazolam	5.759	2016783	645.49	115.0	1564.14	190485	271.4812 ng/ml
Amphetamine	3.040	5757555	5451.79	40.6	22624.73	321346	221.6379 ng/ml
Benzoylcegonine	3.871	101049	207.00	8.3	112.81	13471	242.6902 ng/ml
Buprenorphine	5.817	73352	1893.37	14.9	10967.49	91124	23.2223 ng/ml
Bupropion	4.778	4409958	103032.73	62.4	877.55	524695	263.7925 ng/ml
Carisoprodol	5.721	1335650	436.68	58.4	456.18	223372	242.2508 ng/ml
Chlorpheniramine	5.111	6453922	14837.78	0.3	303.97	1054840	253.0917 ng/ml
Citalopram	5.218	3227012	35822.01	38.3	1281888.84	442690	252.7497 ng/ml
Clonazepam	5.601	1793609	3524.71	32.5	212559.68	93642	265.5959 ng/ml
Cocaine	4.257	2543457	877.80	54.7	22665.93	809164	250.6460 ng/ml
Codeine	2.573	285917	125.49	107.1	9702.99	52208	258.7384 ng/ml
Cyclobenzaprine	5.625	2219051	30311.72	7.4	700.88	341662	246.0392 ng/ml
Dextromethorphan	5.269	1580986	2111.51	77.7	930.54	267367	246.1831 ng/ml
Dextrophan	4.118	1163016	101921.69	220.0	85752.51	495818	243.5444 ng/ml
Diazepam	5.938	1577853	640.16	87.0	300.27	221232	262.4081 ng/ml
Dihydrocodeine	2.538	906971	1482.19	56.7	14443.08	245977	247.9448 ng/ml
Diphenhydramine	5.297	9896658	236547.67	30.2	83845.55	1420862	253.1789 ng/ml
Doxylamine	4.531	8943735	7128.04	97.7	174505.66	1376726	255.3773 ng/ml
Duloxetine	5.651	141953	2843.20	14.4	1297.08	26042	260.6197 ng/ml
EDDP	5.255	3036053	26264.56	42.7	19798.20	567542	240.6312 ng/ml
Fentanyl	5.094	263352	114.98	70.0	5186.75	475452	26.4562 ng/ml
Flualprazolam	5.688	722818	28378.00	102.8	4042.55	190485	256.0955 ng/ml
Fluorofentanyl	5.156	617130	12018.01	40.3	6099.75	4123	23.9196 ng/ml
Fluoxetine	5.711	1366263	928.85	7.5	147144.92	185555	239.6995 ng/ml
Hydrocodone	3.013	1393220	1530.48	33.0	407.24	302560	250.0979 ng/ml
Hydromorphone	1.609	1027203	3512802.10	72.9	1559905.17	118698	258.1029 ng/ml
Hydroxyzine	5.701	2945205	296246.05	77.1	8833.97	267367	237.0744 ng/ml
Ketamine	4.036	2739913	93856.59	40.6	5759.84	350100	267.0636 ng/ml
Lamotrigine	4.281	197700	1306.77	88.3	6549.41	1169972	251.0422 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	675992	3105.89	49.3	1262.65	243630	216.2658 ng/ml
MDA	3.184	3383886	8499.62	32.1	1772.97	403593	259.7494 ng/ml
MDMA	3.285	2498818	117473.56	102.8	10552.44	120691	245.6828 ng/ml
Meprobamate	4.895	1141651	290.85	28.0	15414.44	262954	222.3866 ng/ml
Methadone	5.656	5983046	11007.53	43.8	4080.02	760376	254.6474 ng/ml
Methamphetamine	3.215	6109576	49594.53	31.9	3400.80	946352	248.8189 ng/ml
Metoprolol	4.320	725589	1194488.30	99.9	830304.22	1088088	266.2942 ng/ml
Mirtazapine	4.620	5686430	95977.37	48.5	10056.49	557138	261.2244 ng/ml
Mitragynine	5.230	947231	382231.17	36.9	470968.75	760376	285.9676 ng/ml
Morphine	1.247	144892	1803.25	17.4	∞	8422	258.1668 ng/ml
Norbuprenorphine	4.990	12724	∞	105.6	36.94	21136	24.7460 ng/ml
Nordiazepam	5.877	1183927	404.71	63.4	8622.08	133503	249.9709 ng/ml
Norfentanyl	4.078	527338	18778.88	37.4	4093.14	745549	23.5634 ng/ml
Norhydrocodone	3.067	202784	∞	40.2	120.55	75218	242.0999 ng/ml
Noroxycodone	2.904	1183640	3349.16	44.1	986.60	156436	248.9347 ng/ml
O-desmethyl-tramadol	3.368	6984390	∞	5.8	1244.76	1479214	251.3882 ng/ml
o-desmethylvenlafaxine	4.063	8757696	350276.27	19.1	7783.88	254329	247.6164 ng/ml
Olanzapine	4.455	1260218	9230.46	57.8	2334.45	112808	250.3641 ng/ml
Oxazepam	5.740	1175744	5046.50	74.0	420.70	243630	248.4523 ng/ml
Oxycodone	2.822	2875868	2881.66	27.5	601.07	445591	268.5840 ng/ml
Oxymorphone	1.405	1515134	∞	42.8	1595.15	189035	259.4316 ng/ml
Phentermine	3.774	1479084	2770.95	5.9	132.63	680109	270.7809 ng/ml
Promethazine	5.541	3874865	1127.62	30.8	15879.88	626601	235.8354 ng/ml
Pseudoephedrine	2.574	8042862	1876.00	16.8	37463.84	1169972	250.6794 ng/ml
Quetiapine	5.551	3720546	80764.41	61.4	105078.77	204822	269.5345 ng/ml
Sertraline	5.773	435775	36972.16	100.9	845.06	69566	249.8922 ng/ml
Temazepam	5.807	2654400	740.92	28.5	354.32	524045	252.2875 ng/ml
Tramadol	4.241	6157873	136.16	3.4	174.54	1088088	281.9718 ng/ml
Trazodone	5.141	3853760	76769.44	68.3	849.59	546381	258.5727 ng/ml
Venlafaxine	5.036	6185999	52849.80	34.4	1501.76	1246646	246.0745 ng/ml
Zolpidem	4.898	6607224	17616.21	28.5	4893.41	1170556	259.9786 ng/ml

AM #28 Multi-Drug Quant. Results

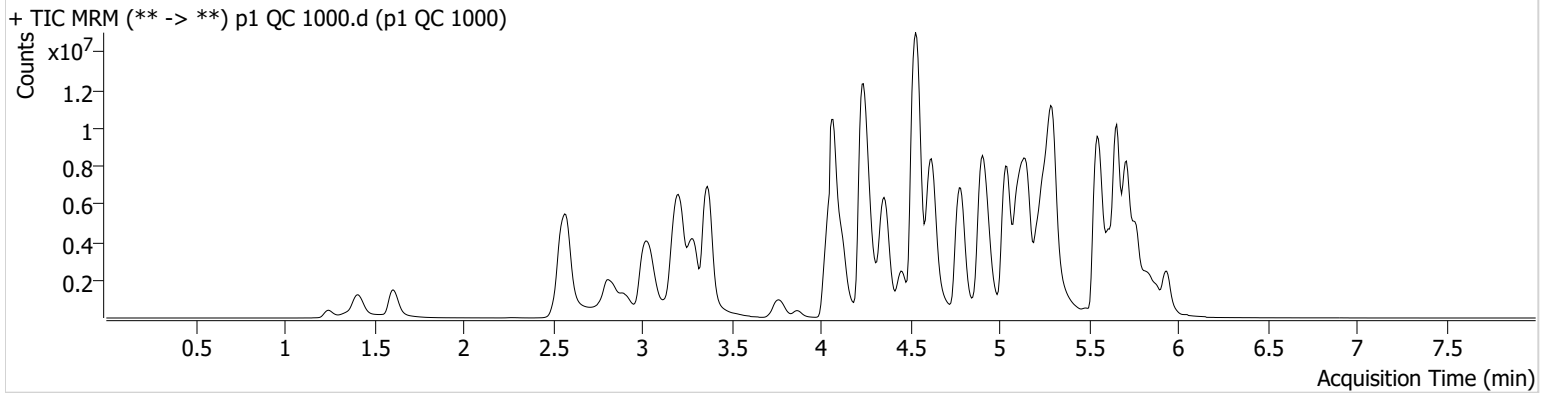
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 QC 1000.d
Type	QC	Sample	p1 QC 1000
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-D2	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 10:05:00 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	270674	264088.86	72.2	273.03	69220	103.7177 ng/ml
7-aminoclonazepam	4.244	1008457	19054.38	88.2	9464.89	58820	787.5539 ng/ml
alpha-PHP	4.935	2874050	25118.42	260.4	130035.68	446593	947.3332 ng/ml
alpha-PVP	4.357	13992158	6251912.16	51.1	855.87	446593	1122.5804 ng/ml
Alprazolam	5.759	3995556	∞	113.0	534.58	97566	1049.7584 ng/ml
Amphetamine	3.037	12071524	186764.92	40.2	48309.79	264571	565.7338 ng/ml
Benzoylcegonine	3.871	465634	755.19	8.0	1646.21	15634	964.4342 ng/ml
Buprenorphine	5.824	233845	53658.73	15.0	46360.07	67993	98.2313 ng/ml
Bupropion	4.785	16143236	279926.71	60.5	6276.75	489457	1035.0442 ng/ml
Carisoprodol	5.721	1367140	236.93	59.6	12944.91	50846	1087.4596 ng/ml
Chlorpheniramine	5.111	22331045	189609.63	0.3	530.49	905085	1020.8743 ng/ml
Citalopram	5.218	7339622	∞	38.4	403548.58	248644	1023.1885 ng/ml
Clonazepam	5.594	2471340	29484.18	32.2	7376.88	37303	920.5558 ng/ml
Cocaine	4.264	7060427	832.81	54.7	718.16	550343	1023.1798 ng/ml
Codeine	2.559	656408	3038.58	102.2	784.35	33628	925.5282 ng/ml
Cyclobenzaprine	5.618	6670597	60163.74	6.9	∞	240442	1049.3600 ng/ml
Dextromethorphan	5.262	3890610	101814.65	76.1	19163.05	158833	1019.6673 ng/ml
Dextrophan	4.118	3715239	415484.79	222.7	111022.95	369181	1044.0081 ng/ml
Diazepam	5.938	3933055	183.70	87.0	23042.80	140845	1028.0805 ng/ml
Dihydrocodeine	2.518	2764826	189.93	56.1	681.58	235716	791.4097 ng/ml
Diphenhydramine	5.297	24928535	285070.34	31.3	209622.88	880401	1027.6300 ng/ml
Doxylamine	4.531	31282027	6761.47	97.3	5760.24	1267507	969.3658 ng/ml
Duloxetine	5.651	229550	2238.82	14.9	1163.69	11137	986.5364 ng/ml
EDDP	5.255	10855793	263741.31	41.4	35541.97	483039	1009.8698 ng/ml
Fentanyl	5.088	723959	28592.69	70.9	348024.22	357757	96.7485 ng/ml
Flualprazolam	5.688	969300	14295.08	108.2	12439.54	97566	672.3295 ng/ml
Fluorofentanyl	5.162	2031877	66571.63	42.5	9760.49	2884	112.2644 ng/ml
Fluoxetine	5.711	2662742	34146.69	7.6	14288.89	88009	983.5290 ng/ml
Hydrocodone	3.006	4434914	311.38	33.0	1427.15	258757	933.3610 ng/ml
Hydromorphone	1.609	3873846	17970981.28	73.0	15879547.09	109953	1050.5428 ng/ml
Hydroxyzine	5.707	8317300	483395.71	75.6	352828.32	158833	1124.2761 ng/ml
Ketamine	4.030	7601647	604497.47	39.5	22634.54	286477	908.0822 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.287	321300	6827.48	89.9	39743.42	702499	682.2212 ng/ml
Lorazepam	5.737	545956	26079.42	47.3	245.88	39711	1076.6603 ng/ml
MDA	3.171	5372885	10263.75	30.6	6735.79	216767	770.6034 ng/ml
MDMA	3.285	7173828	50525.41	103.5	5531.99	85214	998.1970 ng/ml
Meprobamate	4.881	1621105	567.41	27.6	5934.36	158652	524.0725 ng/ml
Methadone	5.656	18900991	2729.44	44.5	∞	581527	1050.9349 ng/ml
Methamphetamine	3.212	18598875	429357.20	30.1	35608.68	969562	740.9293 ng/ml
Metoprolol	4.320	1582168	1621526.13	101.8	326059.54	894054	707.5744 ng/ml
Mirtazapine	4.620	19871834	234937.49	47.1	407902.90	446593	1136.4000 ng/ml
Mitragynine	5.223	2476463	158102.97	37.7	8282.42	581527	980.3297 ng/ml
Morphine	1.247	493731	∞	17.3	654.94	7892	938.8701 ng/ml
Norbuprenorphine	4.990	46679	522.89	97.2	12899.34	19788	98.0179 ng/ml
Nordiazepam	5.884	2138882	70922.68	64.2	25985.08	59272	1017.1168 ng/ml
Norfentanyl	4.078	949706	12462.86	37.6	2066.15	269930	116.8342 ng/ml
Norhydrocodone	3.060	713011	∞	40.7	∞	53545	1190.8459 ng/ml
Noroxycodone	2.904	2543131	1315.12	44.0	1622.39	73222	1141.8117 ng/ml
O-desmethyl-tramadol	3.366	23968439	280924.67	5.6	32353.60	1200672	1061.5081 ng/ml
o-desmethylvenlafaxine	4.069	23417627	315611.76	18.4	8398.66	160024	1049.8582 ng/ml
Olanzapine	4.455	4998838	57349.76	59.2	18442.98	94782	1179.3023 ng/ml
Oxazepam	5.740	766442	132.11	72.1	24.77	39711	993.8859 ng/ml
Oxycodone	2.801	7610025	5202.77	27.6	3548.29	378696	838.5659 ng/ml
Oxymorphone	1.405	4329846	709.79	44.6	527.64	149526	938.5056 ng/ml
Phentermine	3.767	3890695	3071.34	5.9	503.35	593506	821.1472 ng/ml
Promethazine	5.541	14119529	3366.77	28.6	160556.39	535360	1004.2786 ng/ml
Pseudoephedrine	2.576	21166043	629.81	16.0	430955.11	702499	1097.0086 ng/ml
Quetiapine	5.558	9468838	111760.81	61.1	963728.45	158801	886.7416 ng/ml
Sertraline	5.773	982478	140386.22	100.5	140975.17	38810	1008.9986 ng/ml
Temazepam	5.807	2349659	1186.86	29.9	3981.82	119577	978.3457 ng/ml
Tramadol	4.232	16548510	1404.79	3.3	522.74	894054	923.5595 ng/ml
Trazodone	5.148	10734720	498688.48	73.2	199208.15	399100	987.6536 ng/ml
Venlafaxine	5.036	20703872	83022.90	32.8	28364.42	977568	1048.6747 ng/ml
Zolpidem	4.898	20245956	685404.12	27.6	8189.48	1048228	891.0427 ng/ml

AM #28 Multi-Drug Quant. Results

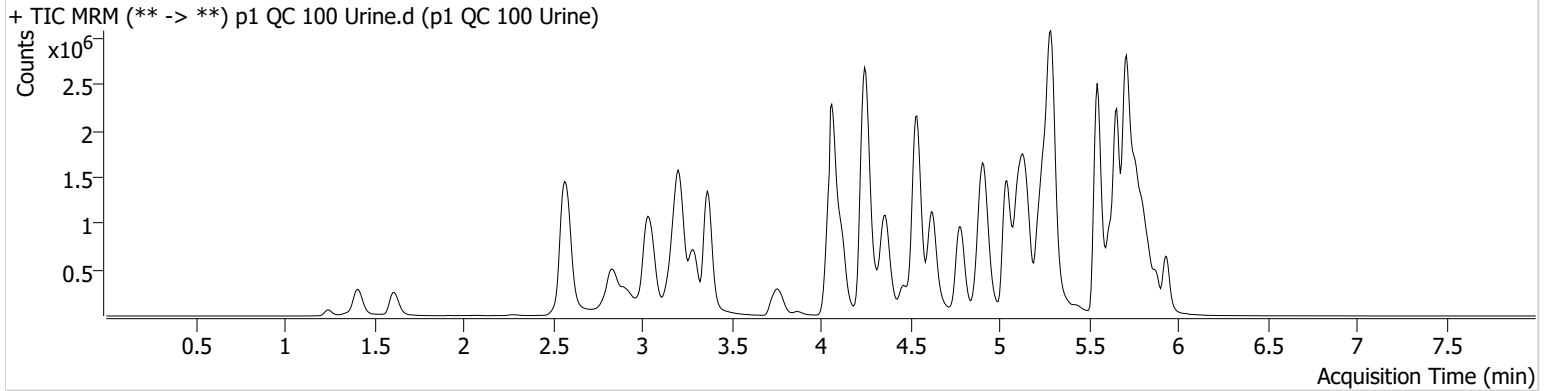
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Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 urine printouts.batch.bin
Calibration Last Update 4/4/2023 11:08:38 AM

Instrument	Falco (069901)	Data File	p1 QC 100 Urine.d
Type	QC	Sample	p1 QC 100 Urine
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E2	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 3:13:04 AM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	29027	1468.53	71.1	4922.19	75330	10.1919 ng/ml
Benzoylecgonine	3.871	44594	481.60	8.6	88.40	14474	99.5018 ng/ml
EDDP	5.262	1400996	23595.71	43.0	443.22	677189	93.2637 ng/ml
Hydromorphone	1.615	516742	4777.99	72.0	2185.42	142555	108.1585 ng/ml
Methadone	5.656	2829387	98008.78	45.2	1795.65	933994	98.2208 ng/ml
Morphine	1.247	60092	831.03	17.7	637.38	9466	95.2433 ng/ml

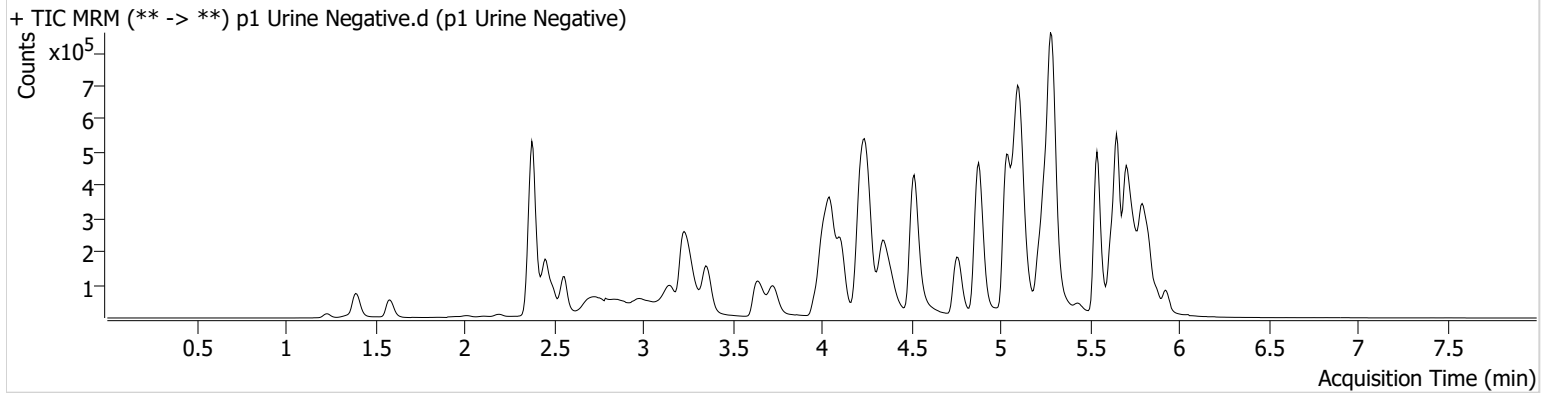
AM #28 Multi-Drug Quant. Results



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 urine printouts.batch.bin
Calibration Last Update 4/4/2023 11:08:38 AM

Instrument	Falco (069901)	Data File	p1 Urine Negative.d
Type	Sample	Sample	p1 Urine Negative
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F2	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 2:51:51 AM		
Sample Info.			

Sample Chromatogram



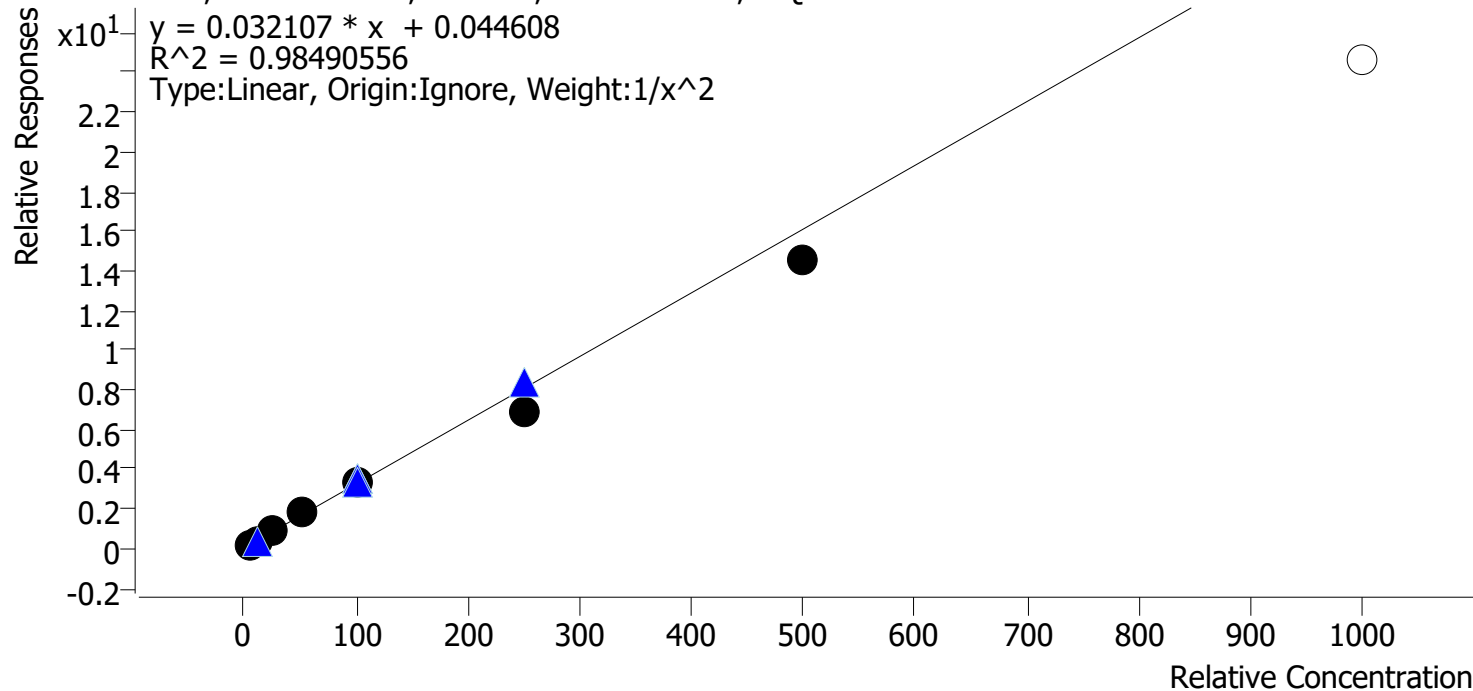


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte MDA **Internal Standard** MDA-D5

MDA - 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	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.5
p1 Cal 3 -25ng	3	✓	25.0	28.6	114.3
p1 Cal 4-50ng R	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng R	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng R	6	✓	250.0	212.4	85.0
p1 Cal 7-500ng	7	✓	500.0	452.9	90.6
p1 Cal 8-1000ng	8	✗	1000.0	765.3	76.5

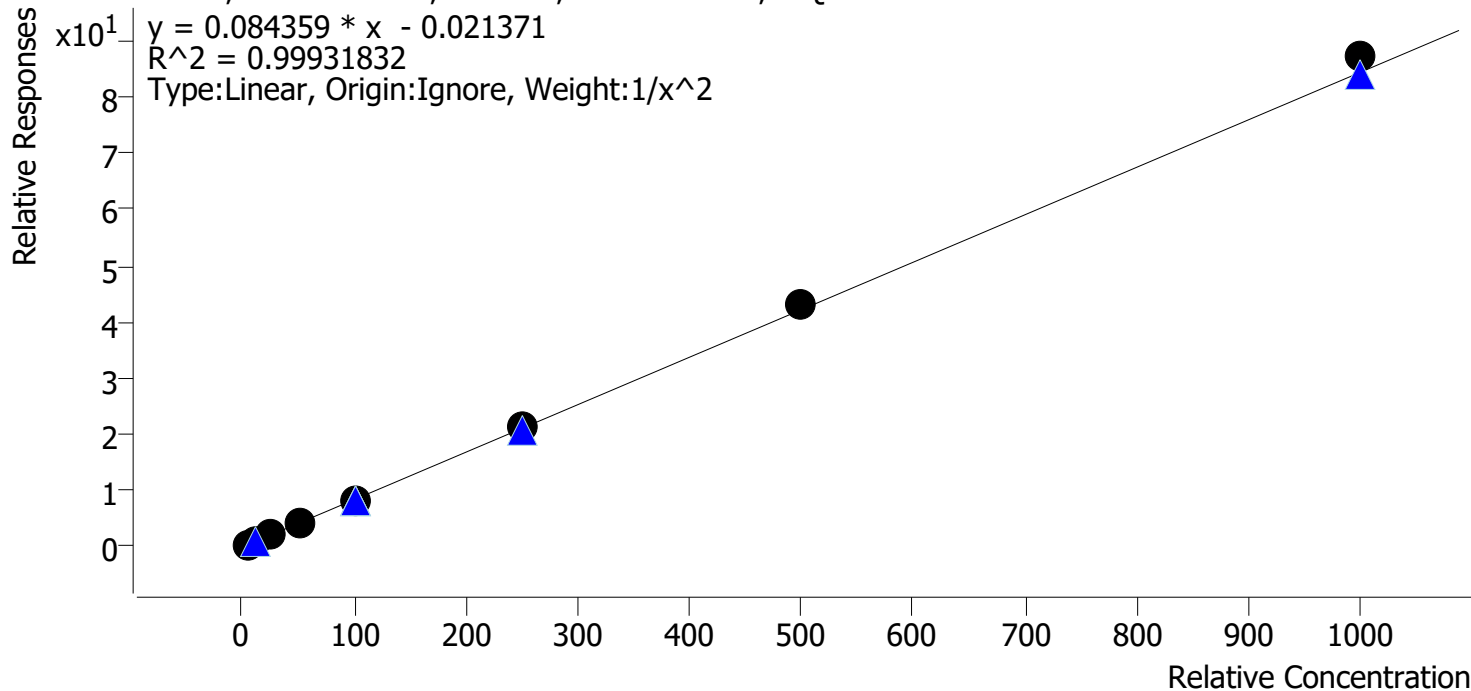
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte MDMA **Internal Standard** MDMA-D6

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



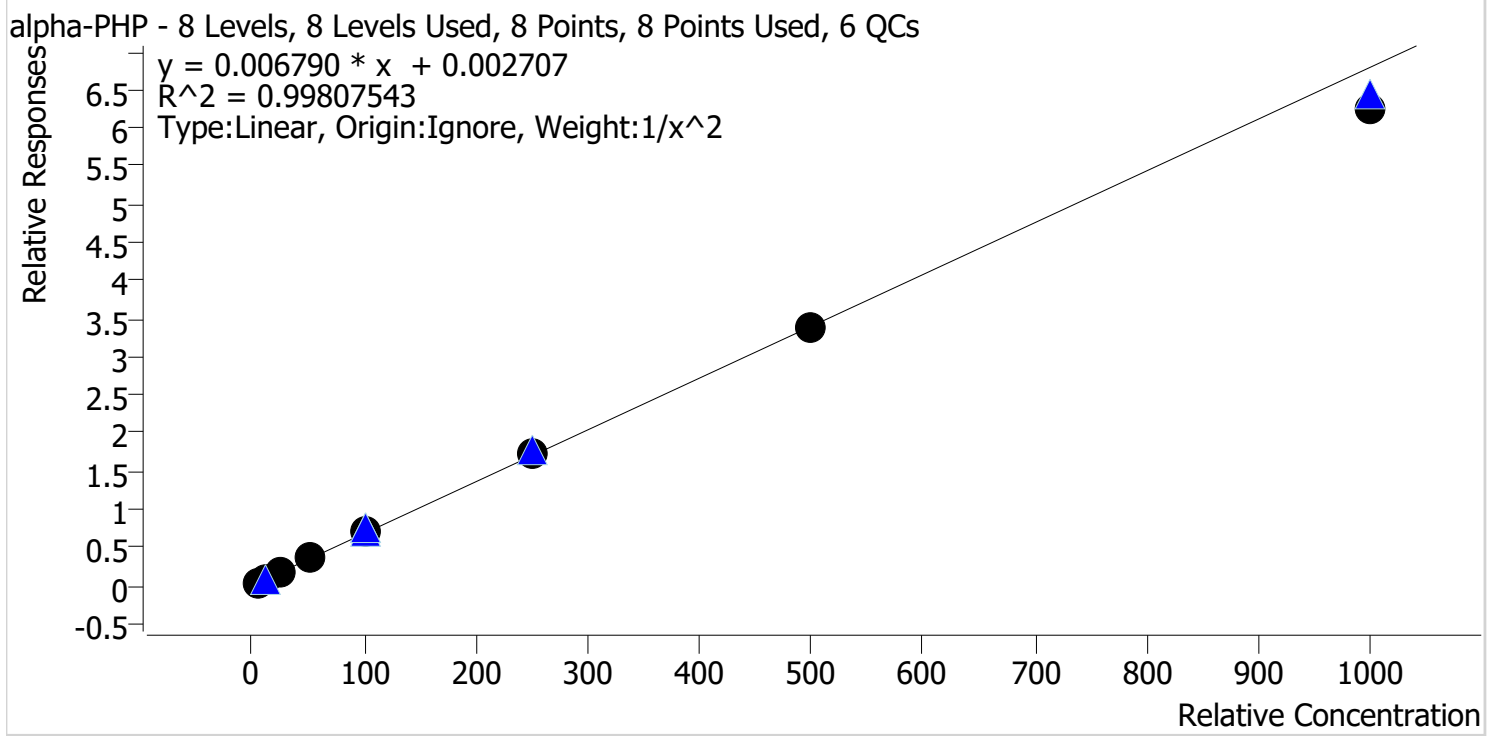
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.4
p1 Cal 4-50ng R	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng R	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng R	6	✓	250.0	251.7	100.7
p1 Cal 7-500ng	7	✓	500.0	508.3	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1033.2	103.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



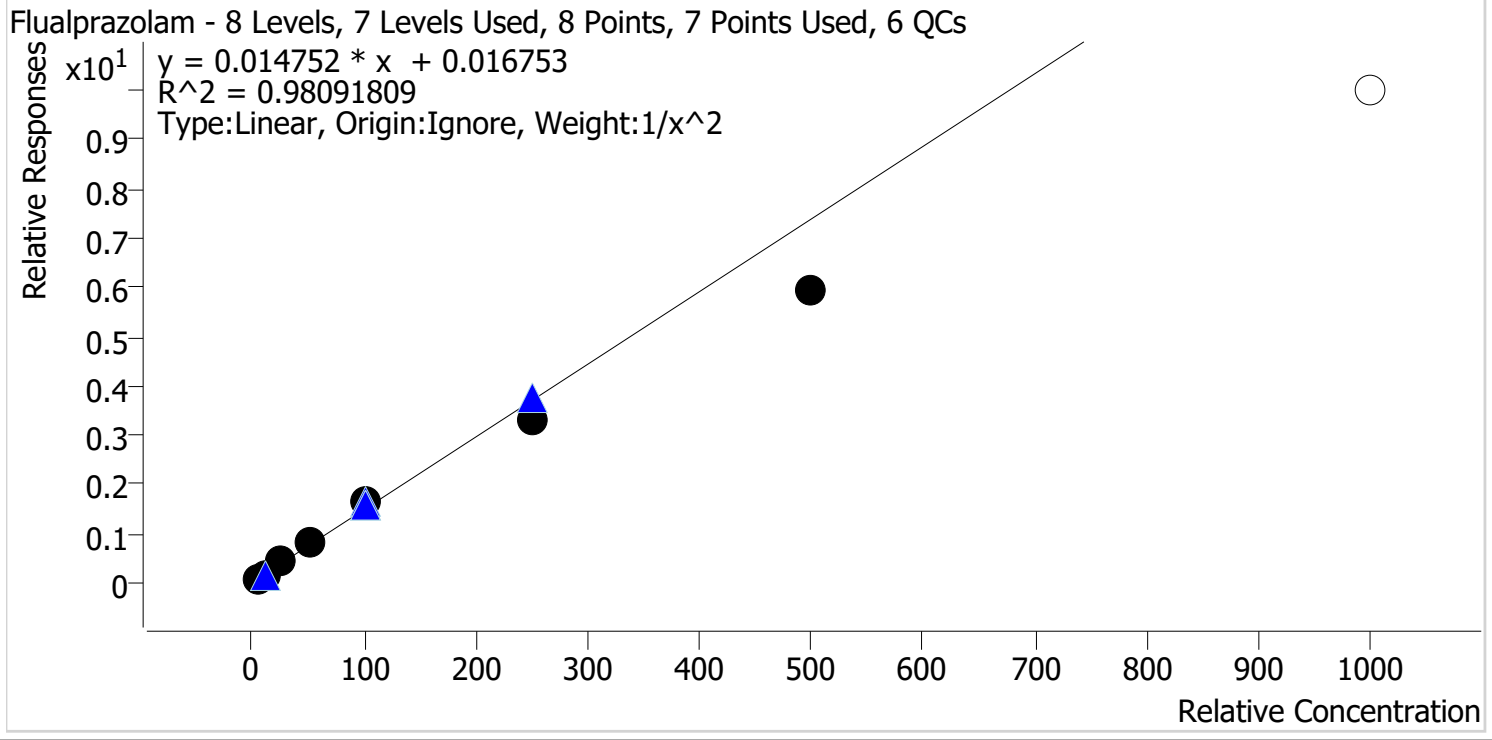
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng R	4	✓	50.0	51.3	102.6
p1 Cal 5-100ng R	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng R	6	✓	250.0	250.8	100.3
p1 Cal 7-500ng	7	✓	500.0	499.7	99.9
p1 Cal 8-1000ng	8	✓	1000.0	918.4	91.8



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.5	105.5
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng R	4	✓	50.0	56.1	112.2
p1 Cal 5-100ng R	5	✓	100.0	108.7	108.7
p1 Cal 6-250ng R	6	✓	250.0	225.1	90.0
p1 Cal 7-500ng	7	✓	500.0	403.5	80.7
p1 Cal 8-1000ng	8	✗	1000.0	676.8	67.7

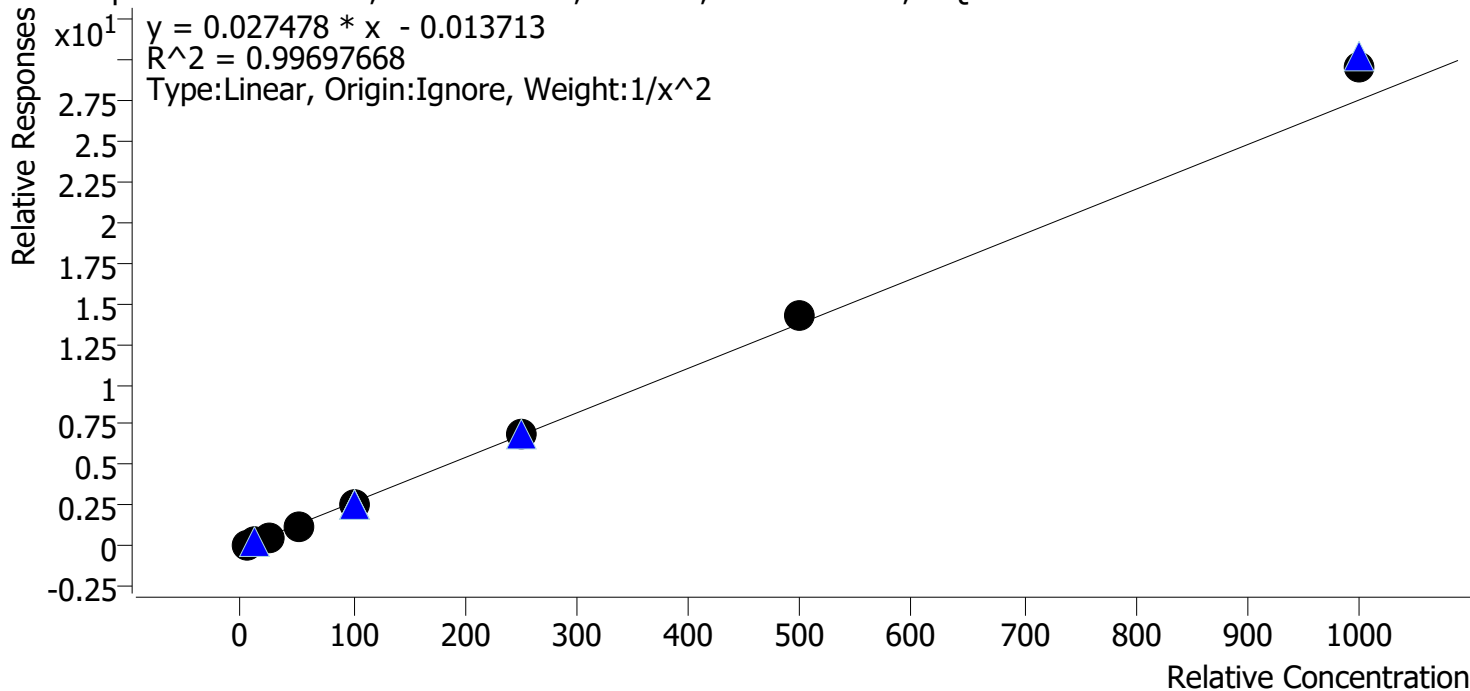


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

Pseudoephedrine - 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	103.4
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng R	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng R	5	✓	100.0	98.8	98.8
p1 Cal 6-250ng R	6	✓	250.0	255.6	102.2
p1 Cal 7-500ng	7	✓	500.0	517.6	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1070.6	107.1

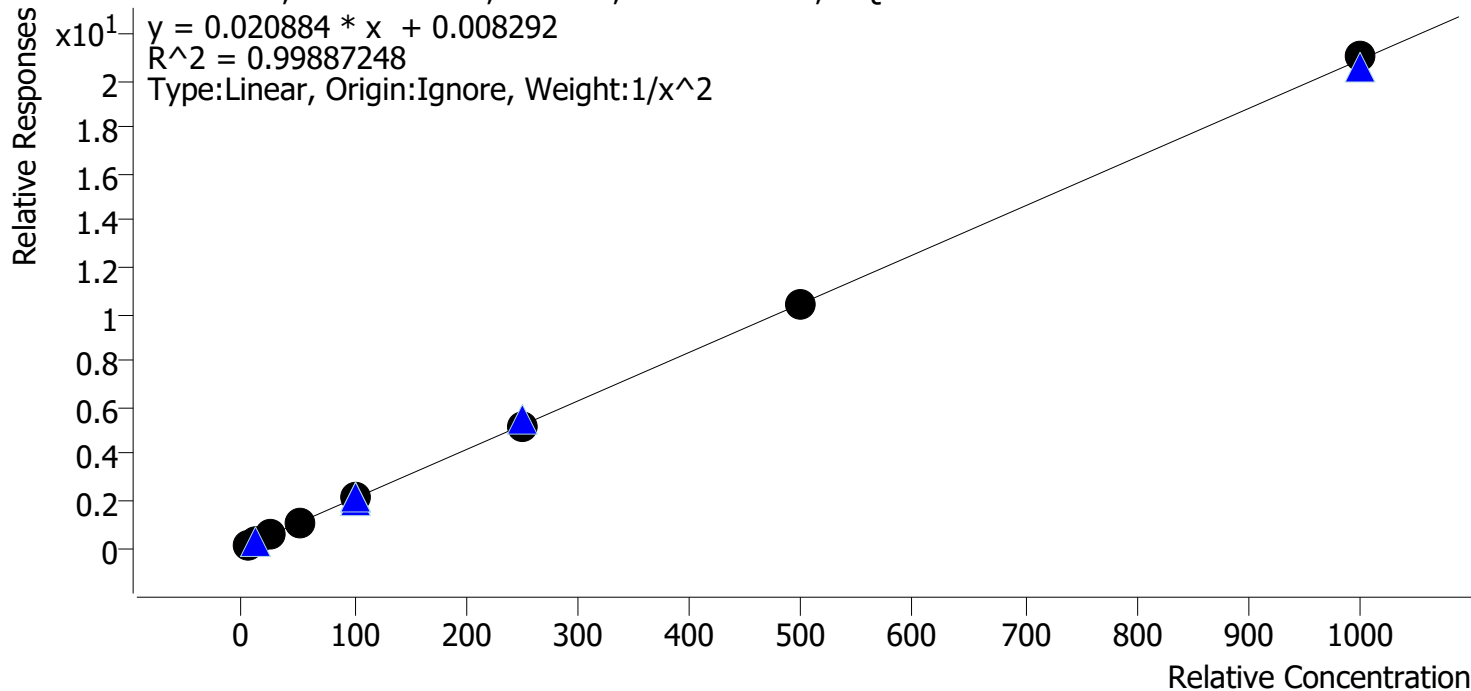


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

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



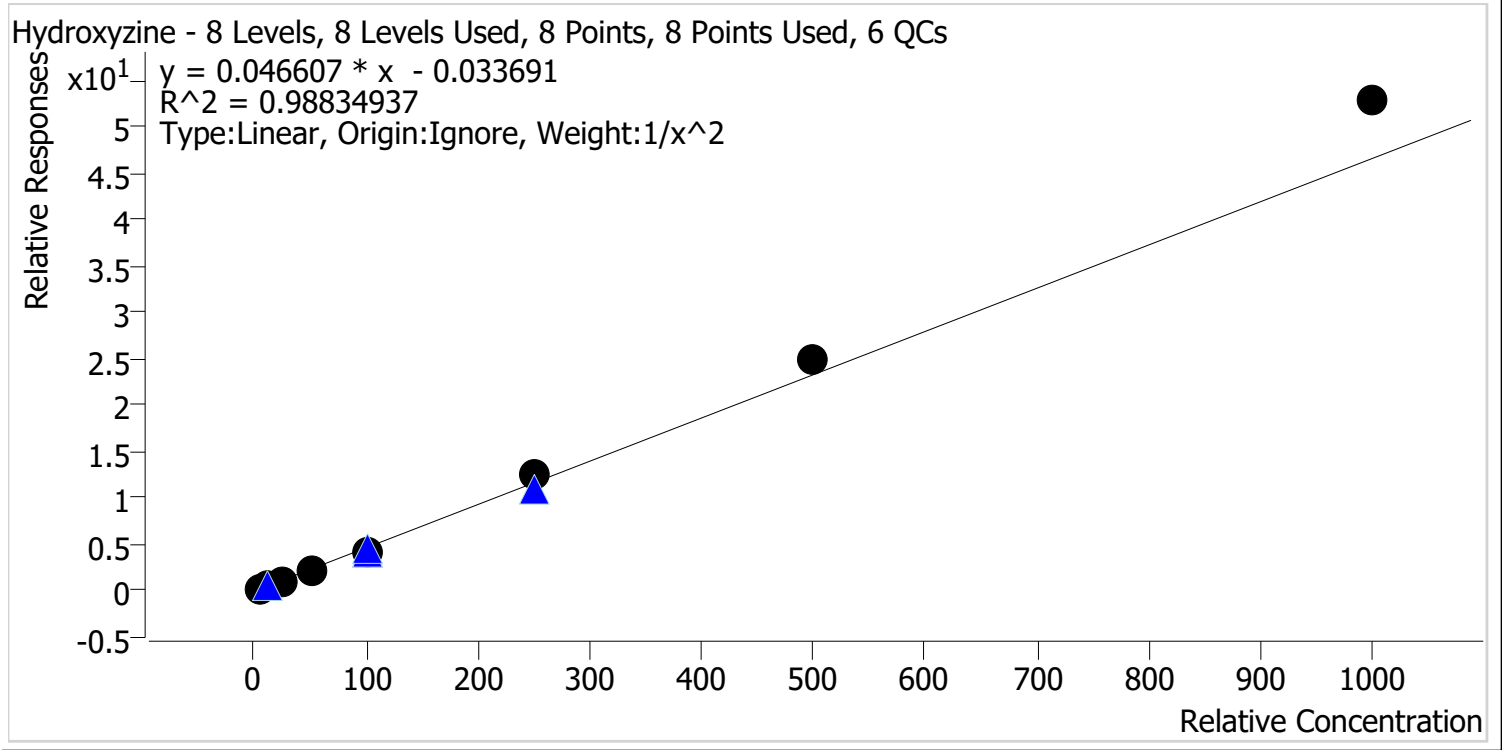
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng R	4	✓	50.0	50.9	101.8
p1 Cal 5-100ng R	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng R	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	498.7	99.7
p1 Cal 8-1000ng	8	✓	1000.0	1006.6	100.7



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



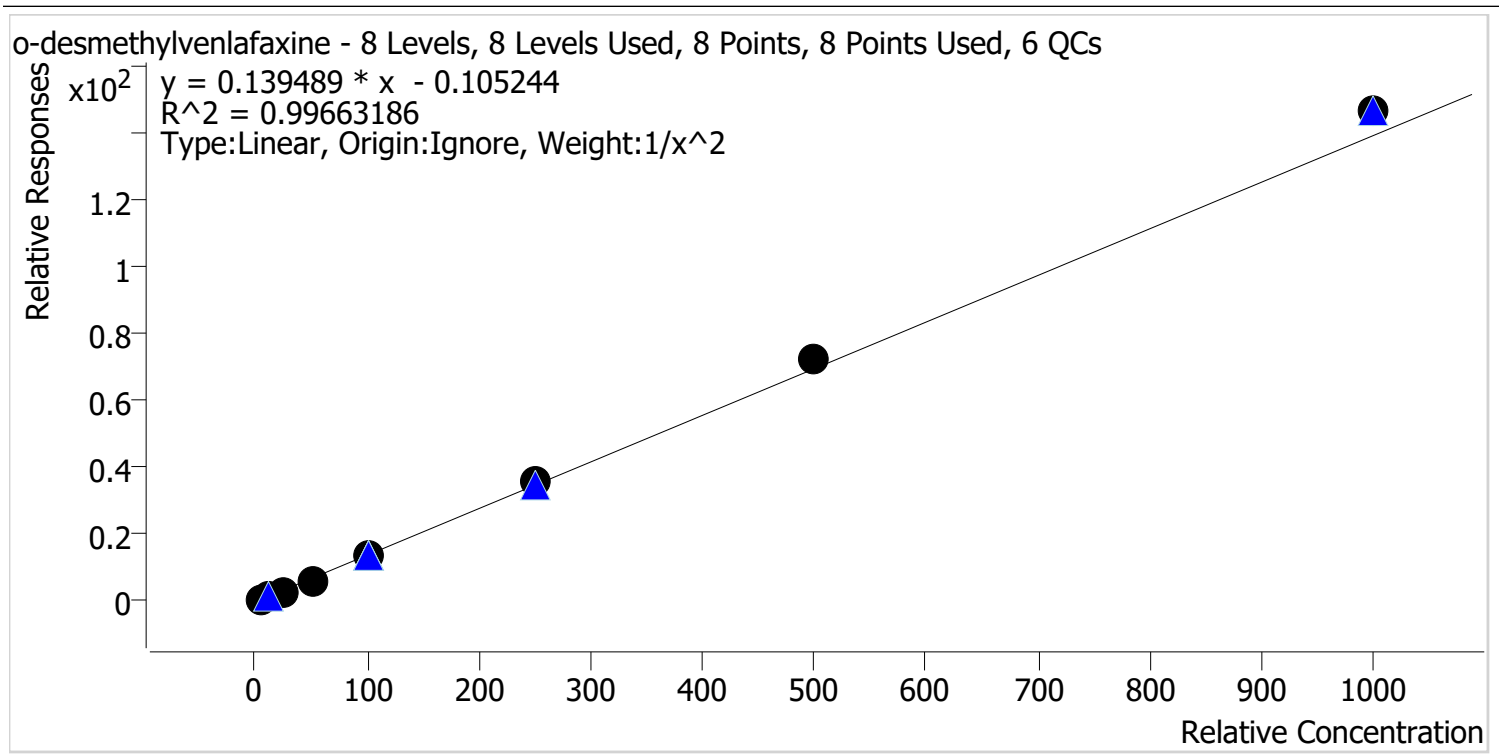
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.8
p1 Cal 2-10ng	2	✓	10.0	9.4	94.5
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng R	4	✓	50.0	45.0	89.9
p1 Cal 5-100ng R	5	✓	100.0	86.6	86.6
p1 Cal 6-250ng R	6	✓	250.0	265.9	106.4
p1 Cal 7-500ng	7	✓	500.0	538.0	107.6
p1 Cal 8-1000ng	8	✓	1000.0	1133.9	113.4



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



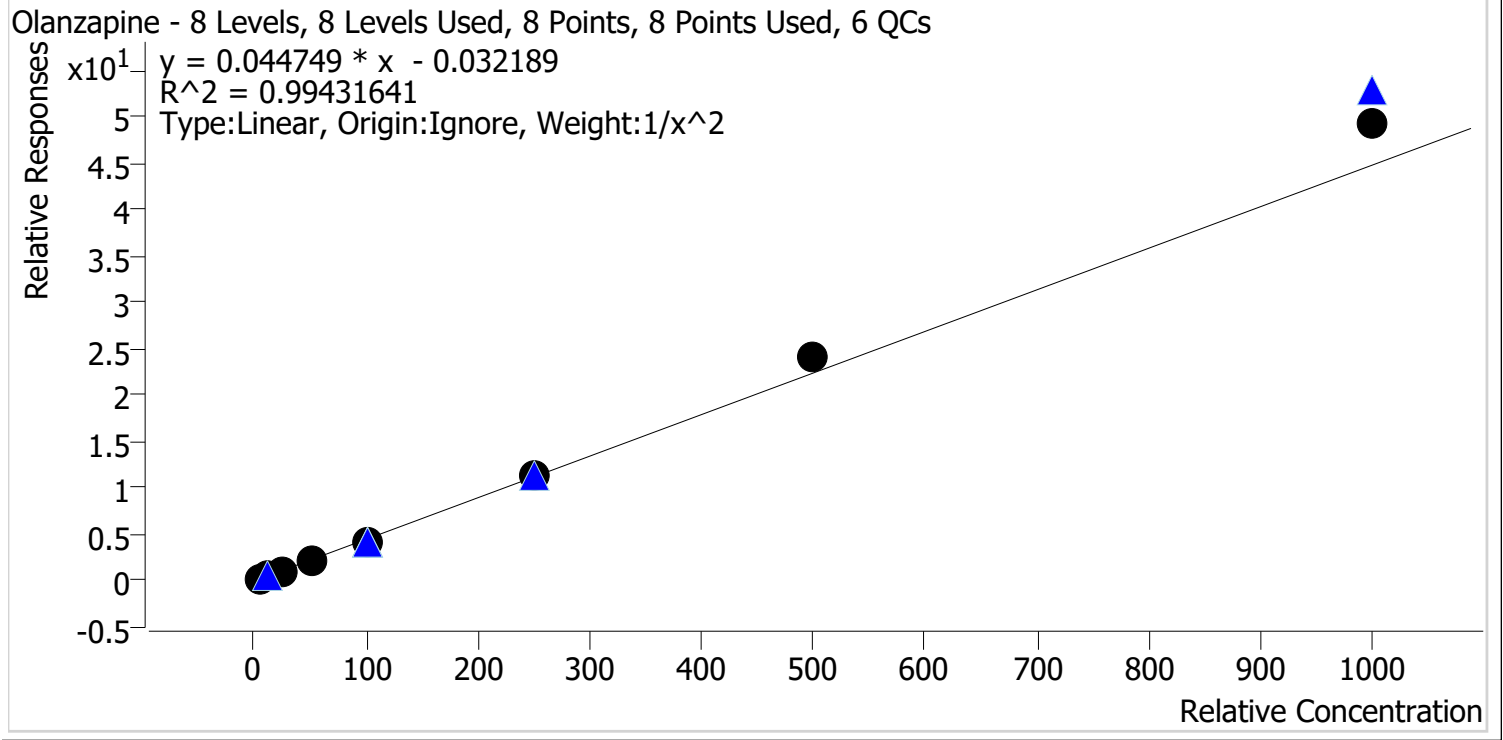
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.0
p1 Cal 2-10ng	2	✓	10.0	9.6	95.5
p1 Cal 3 -25ng	3	✓	25.0	23.3	93.2
p1 Cal 4-50ng R	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng R	5	✓	100.0	97.9	97.9
p1 Cal 6-250ng R	6	✓	250.0	261.8	104.7
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	1052.3	105.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.7
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.0
p1 Cal 4-50ng R	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng R	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng R	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	535.9	107.2
p1 Cal 8-1000ng	8	✓	1000.0	1104.5	110.4

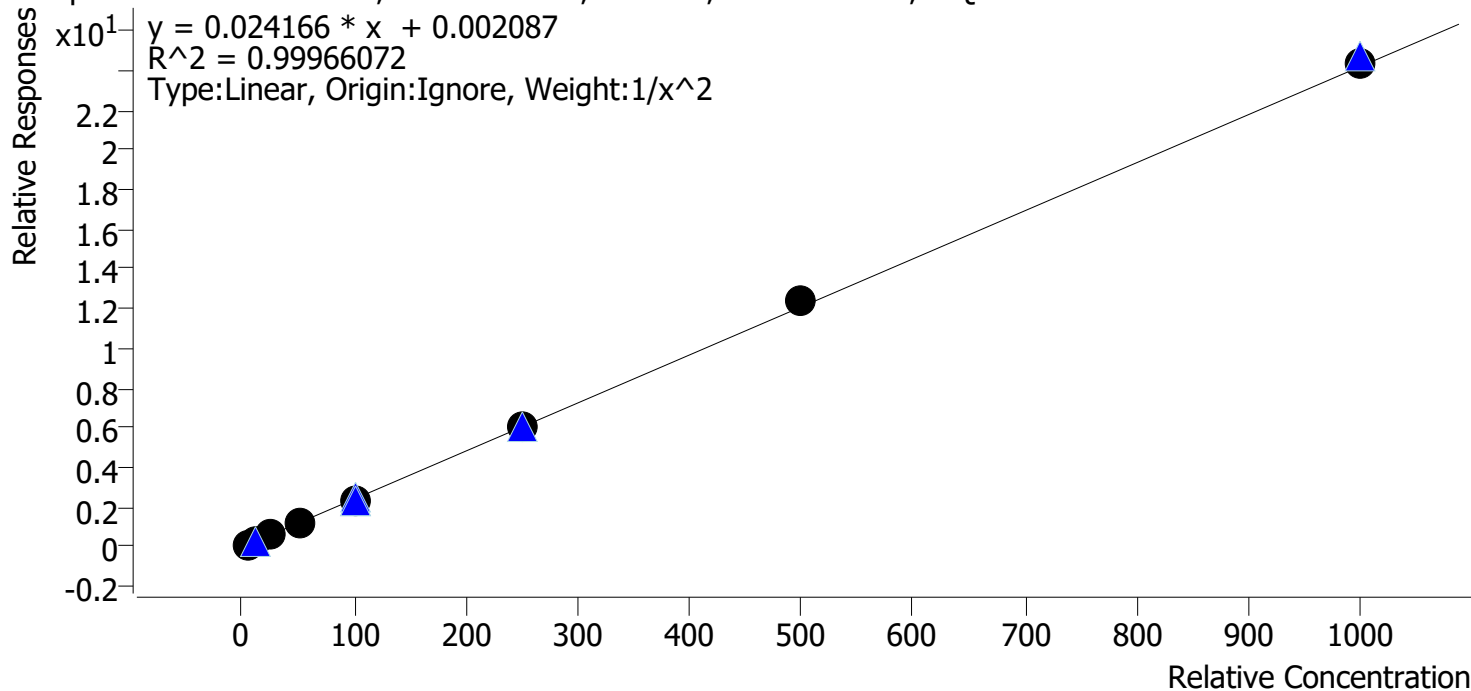


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



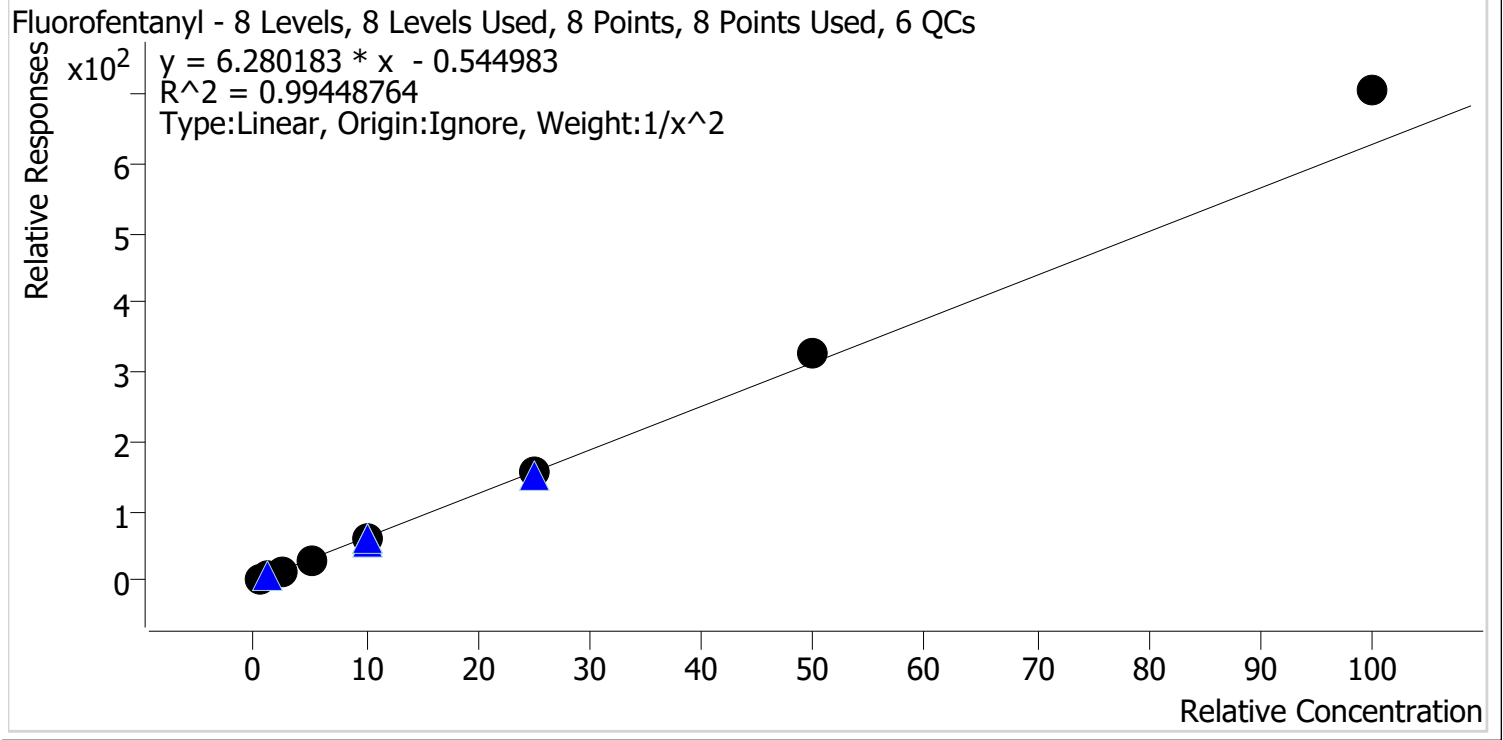
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng R	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng R	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng R	6	✓	250.0	251.1	100.5
p1 Cal 7-500ng	7	✓	500.0	514.6	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.0	100.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



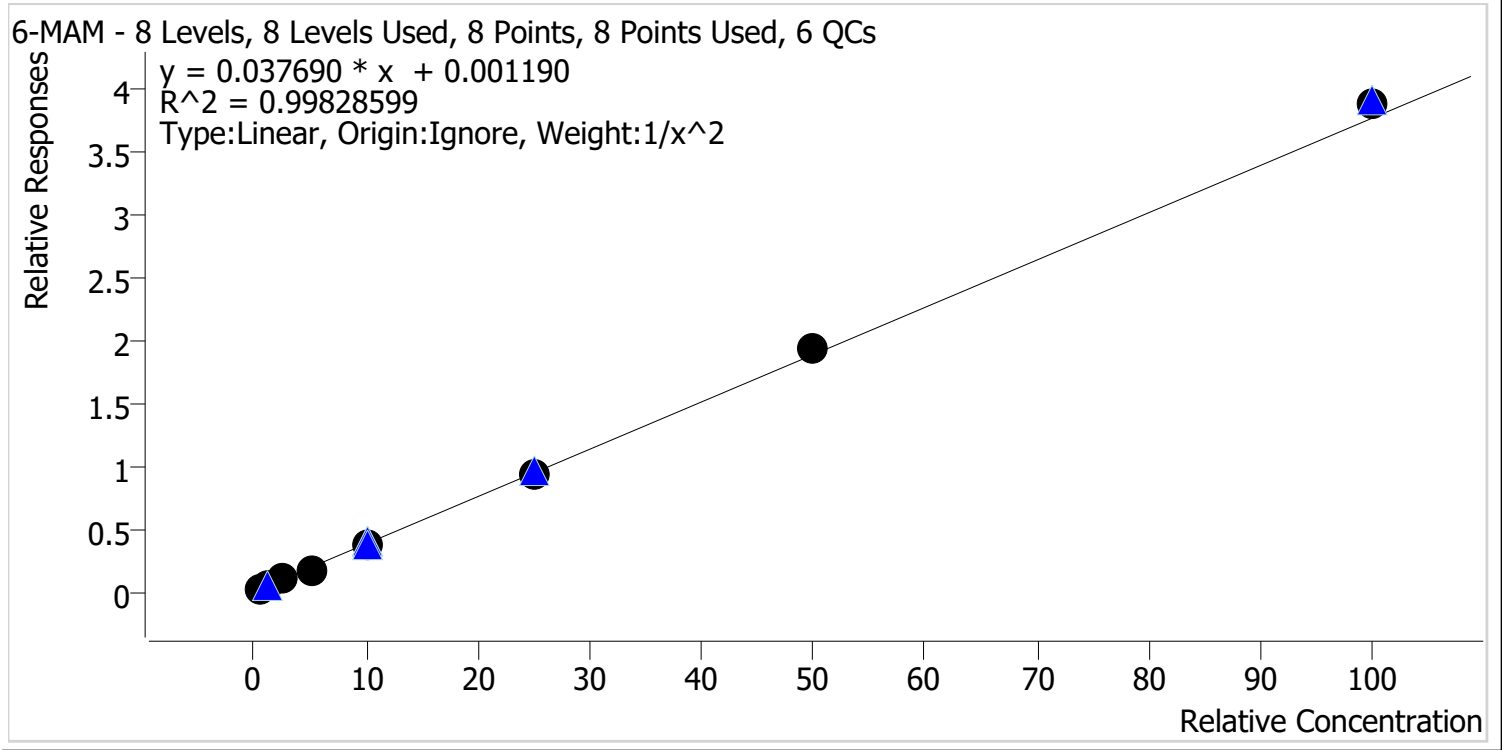
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	103.0
p1 Cal 2-10ng	2	✓	1.0	1.0	98.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.6
p1 Cal 4-50ng R	4	✓	5.0	4.7	94.2
p1 Cal 5-100ng R	5	✓	10.0	9.6	96.3
p1 Cal 6-250ng R	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	112.3	112.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



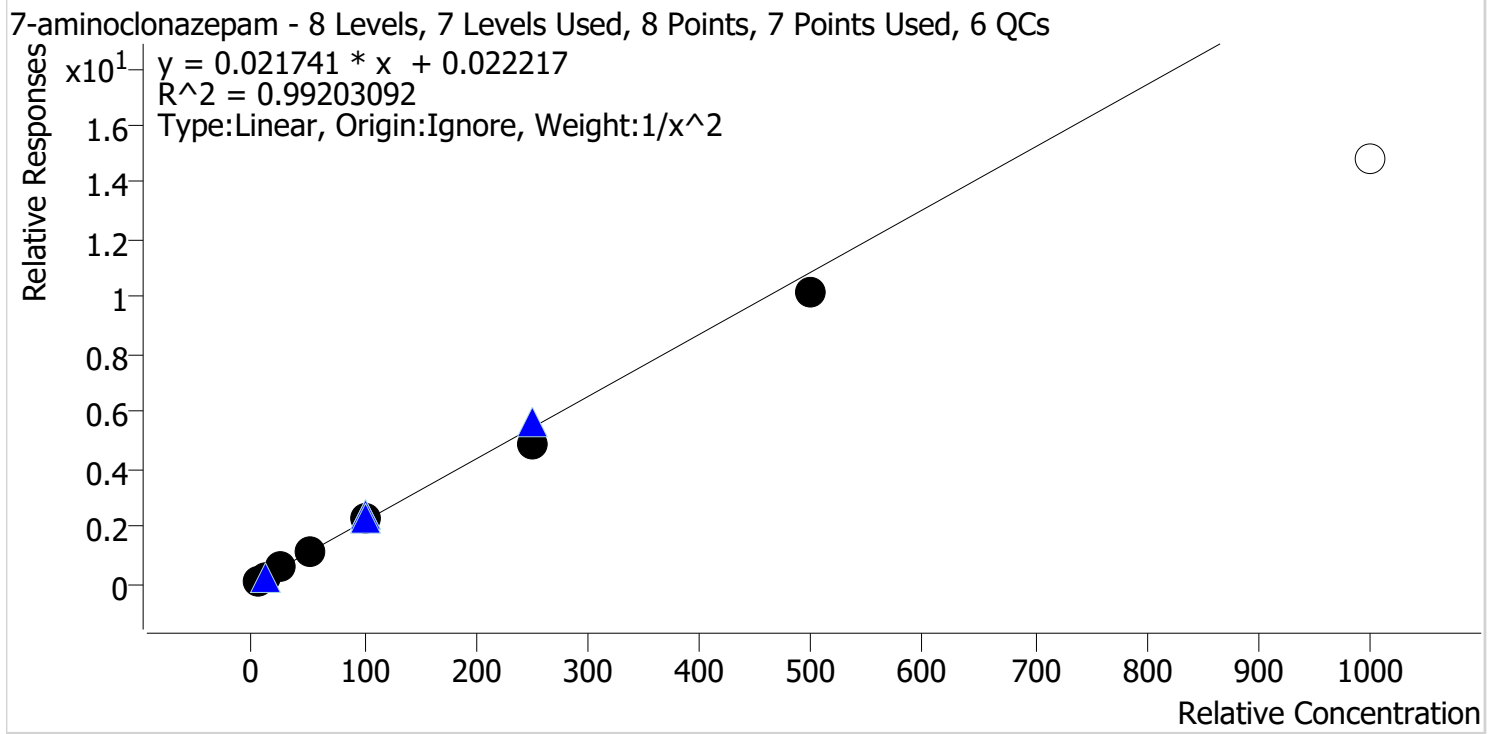
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.1
p1 Cal 2-10ng	2	✓	1.0	1.0	97.2
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.5
p1 Cal 4-50ng R	4	✓	5.0	4.6	92.8
p1 Cal 5-100ng R	5	✓	10.0	10.2	101.5
p1 Cal 6-250ng R	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng	8	✓	100.0	103.4	103.4



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	27.5	110.2
p1 Cal 4-50ng R	4	✓	50.0	53.6	107.2
p1 Cal 5-100ng R	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng R	6	✓	250.0	222.3	88.9
p1 Cal 7-500ng	7	✓	500.0	465.3	93.1
p1 Cal 8-1000ng	8	✗	1000.0	682.3	68.2

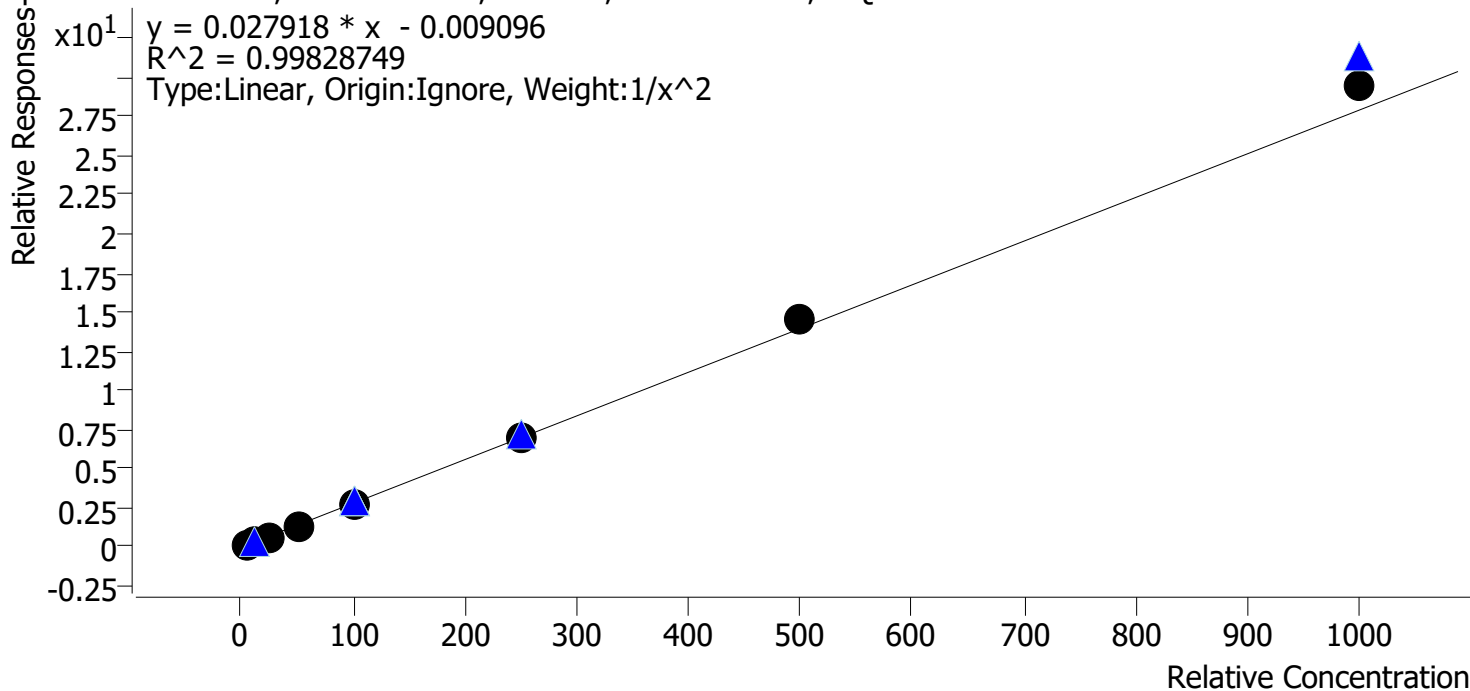
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

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



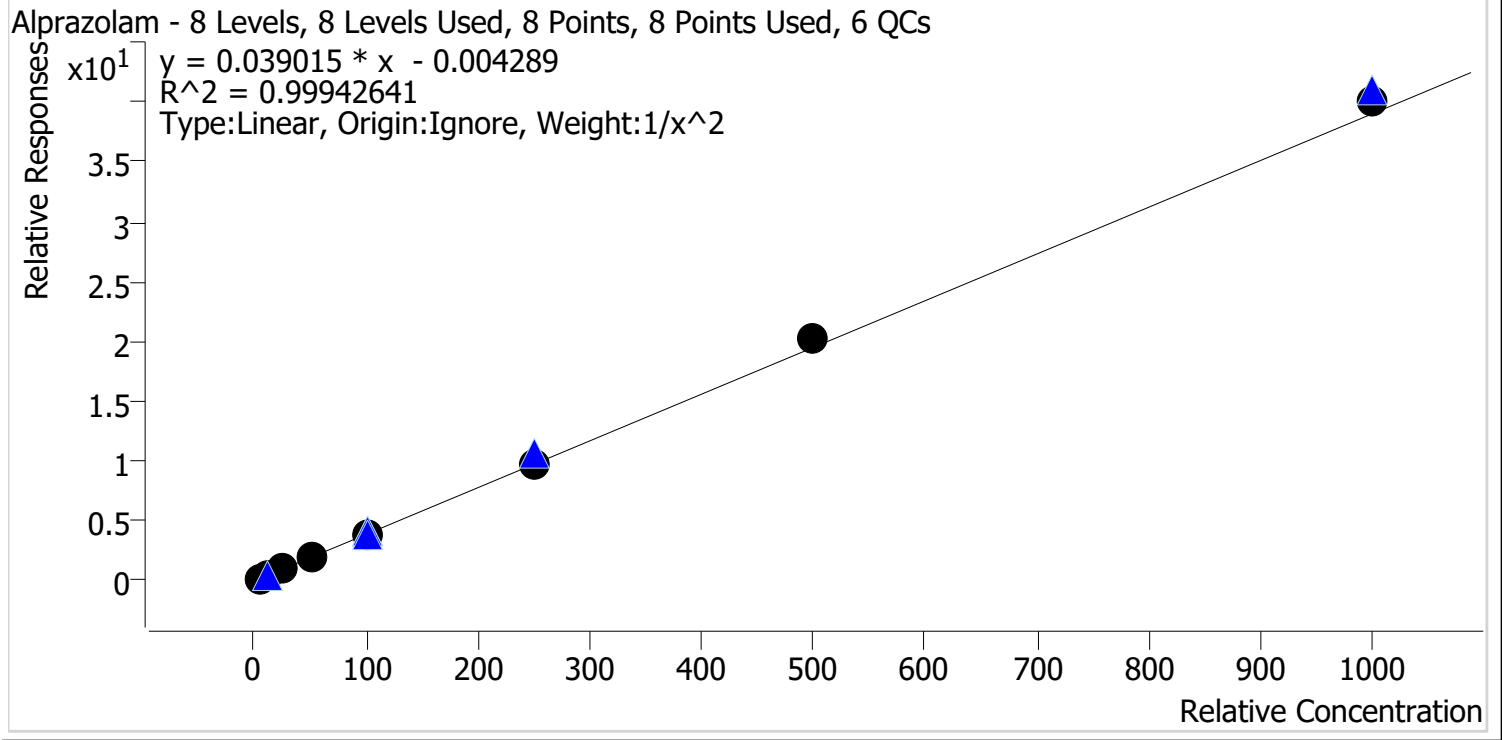
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.0
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng R	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng R	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng R	6	✓	250.0	250.3	100.1
p1 Cal 7-500ng	7	✓	500.0	520.1	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1054.6	105.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng R	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng R	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng R	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	516.5	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1025.4	102.5

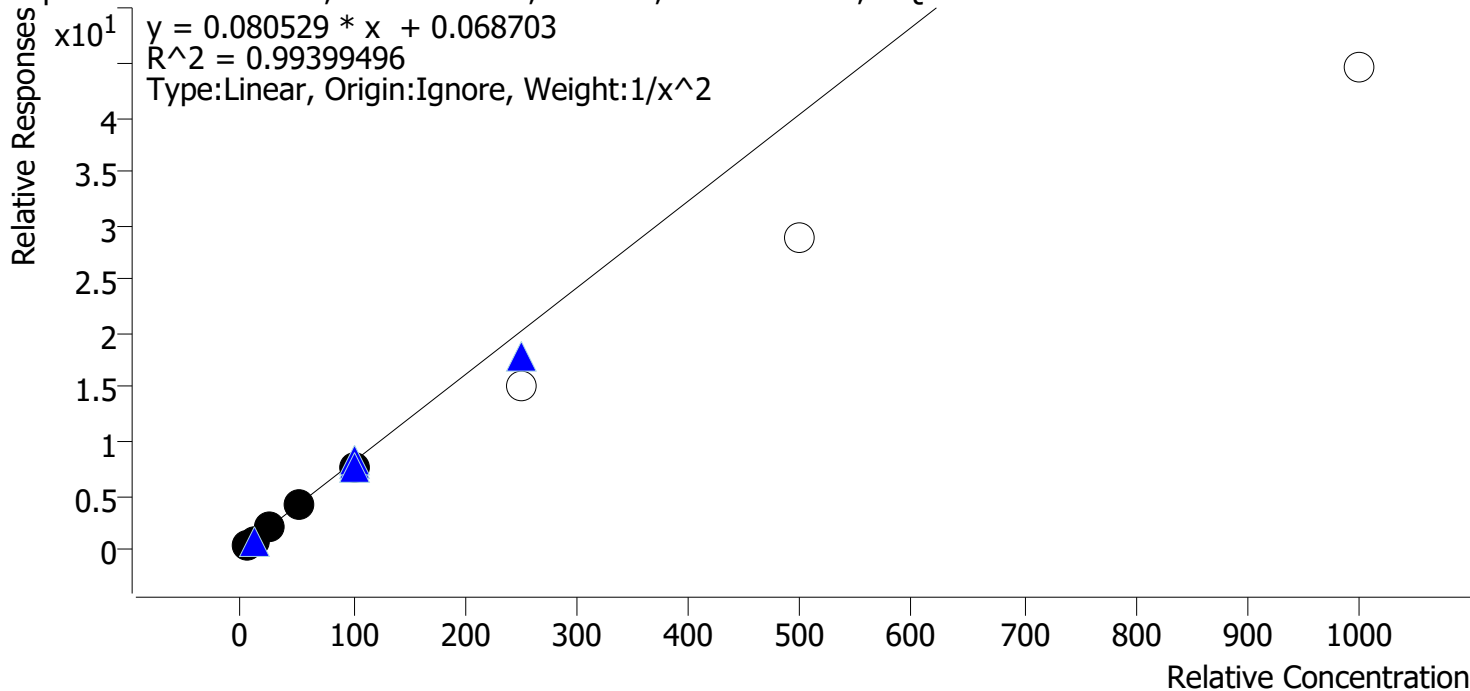


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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

Amphetamine - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 6 QCs



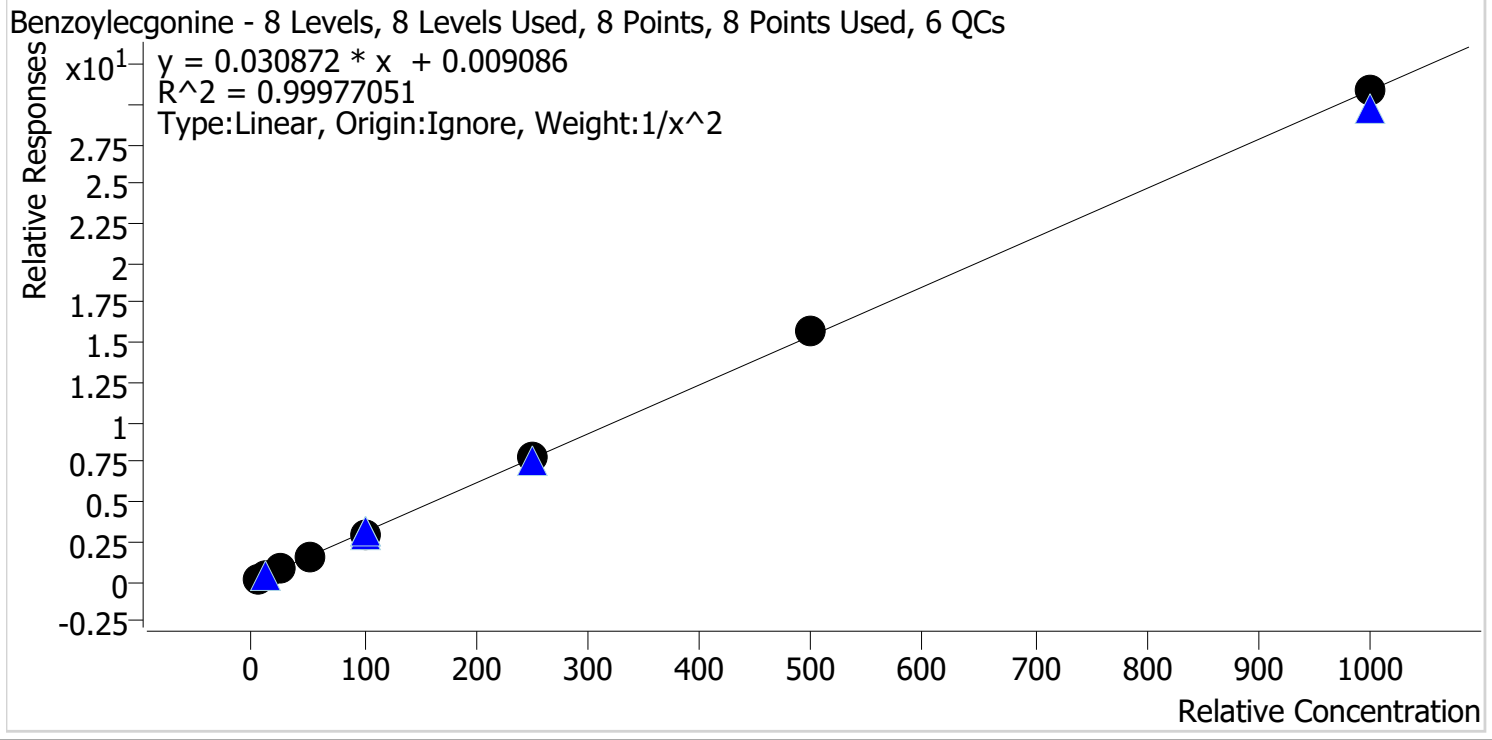
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng R	4	✓	50.0	50.4	100.8
p1 Cal 5-100ng R	5	✓	100.0	91.5	91.5
p1 Cal 6-250ng R	6	✗	250.0	185.8	74.3
p1 Cal 7-500ng	7	✗	500.0	357.2	71.4
p1 Cal 8-1000ng	8	✗	1000.0	553.9	55.4



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



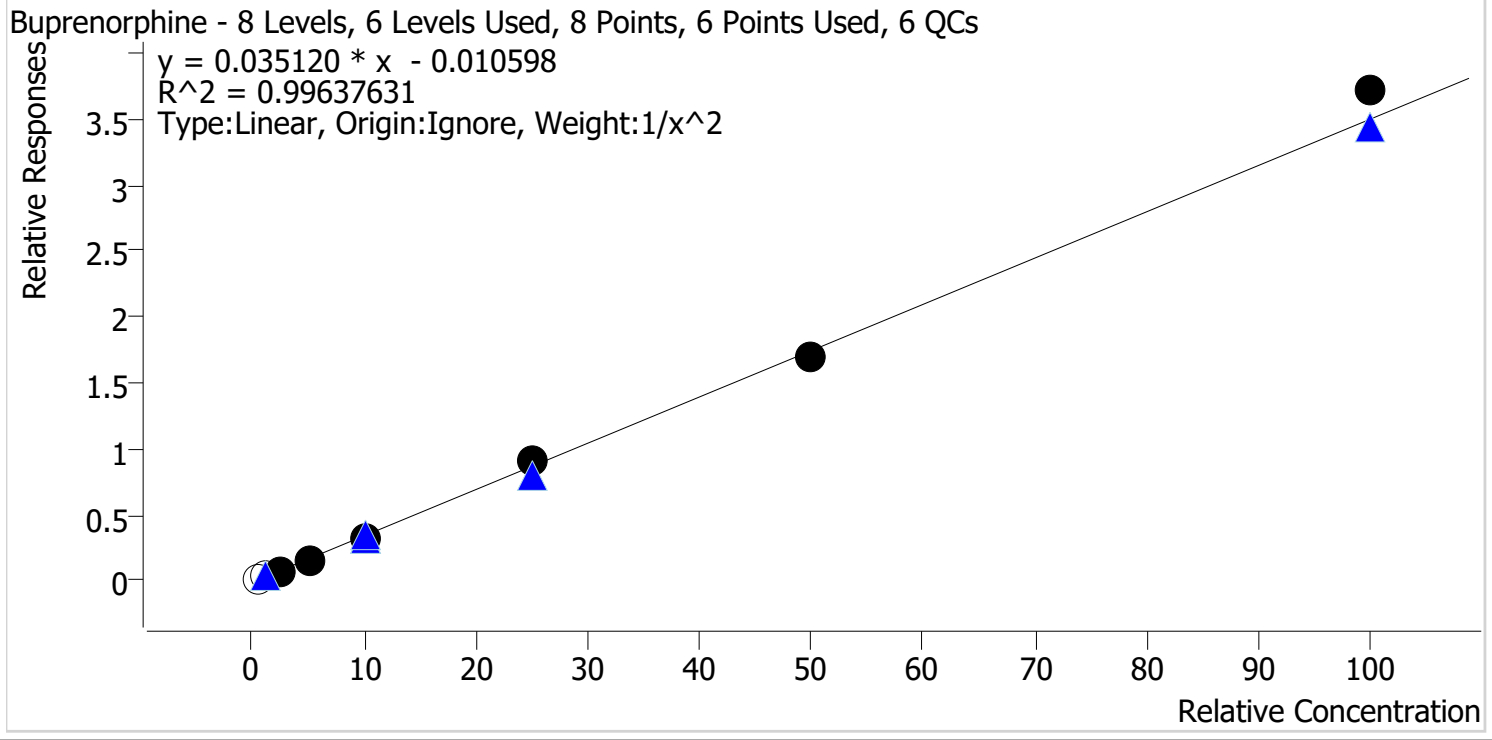
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng R	4	✓	50.0	49.8	99.7
p1 Cal 5-100ng R	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng R	6	✓	250.0	249.4	99.8
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	999.6	100.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



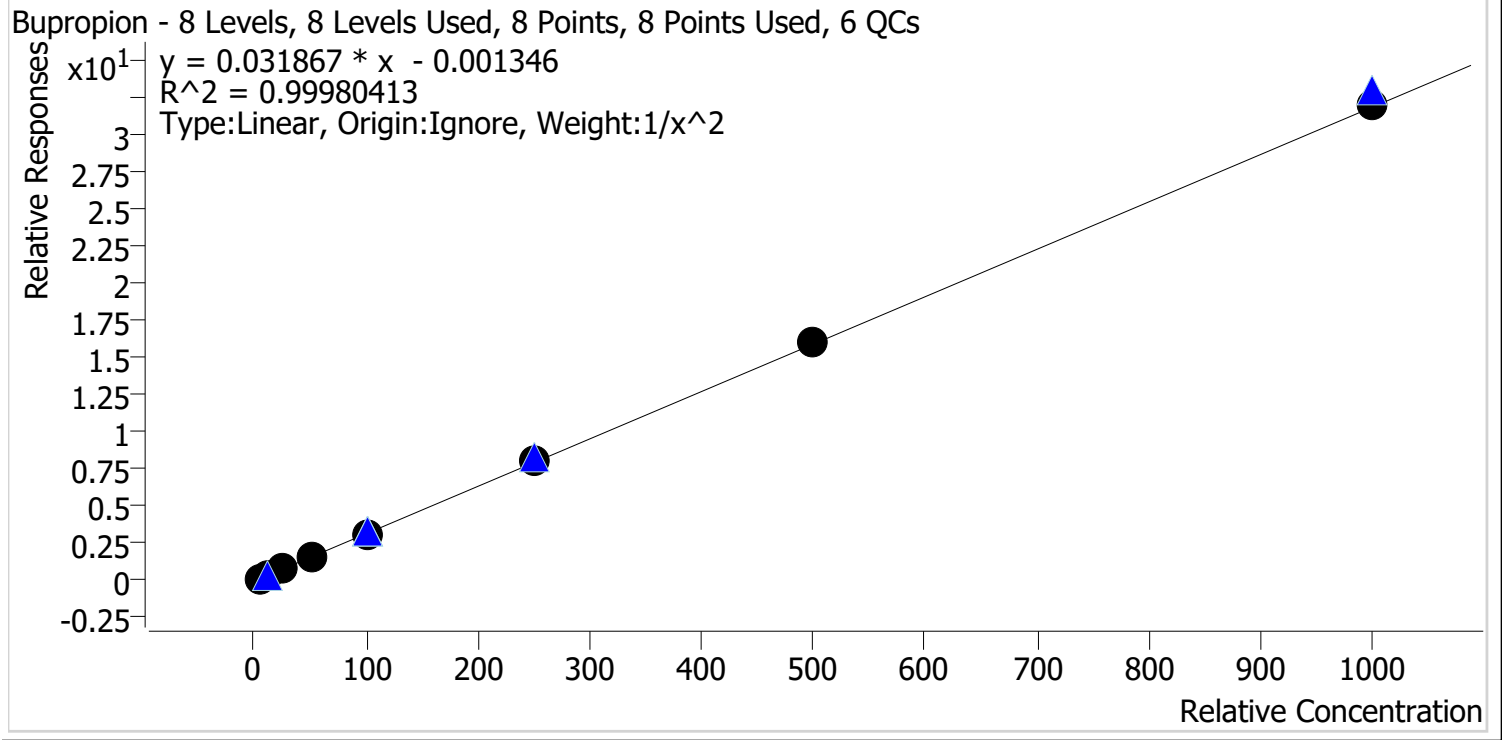
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	146.3
p1 Cal 2-10ng	2	x	1.0	1.2	118.7
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.4
p1 Cal 4-50ng R	4	✓	5.0	4.9	98.1
p1 Cal 5-100ng R	5	✓	10.0	9.3	93.1
p1 Cal 6-250ng R	6	✓	25.0	25.9	103.4
p1 Cal 7-500ng	7	✓	50.0	48.4	96.9
p1 Cal 8-1000ng	8	✓	100.0	106.2	106.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



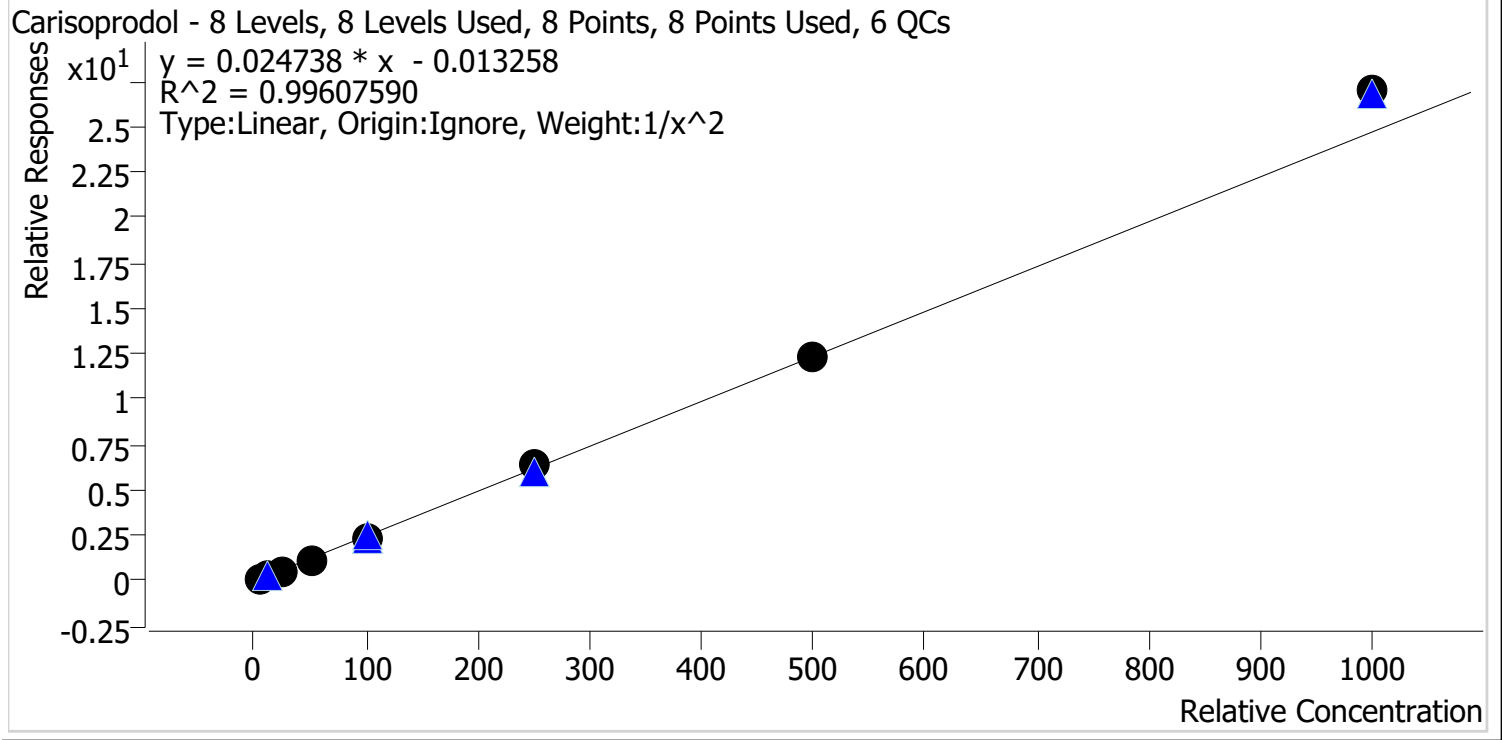
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng R	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng R	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng R	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	506.7	101.3
p1 Cal 8-1000ng	8	✓	1000.0	1003.2	100.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7



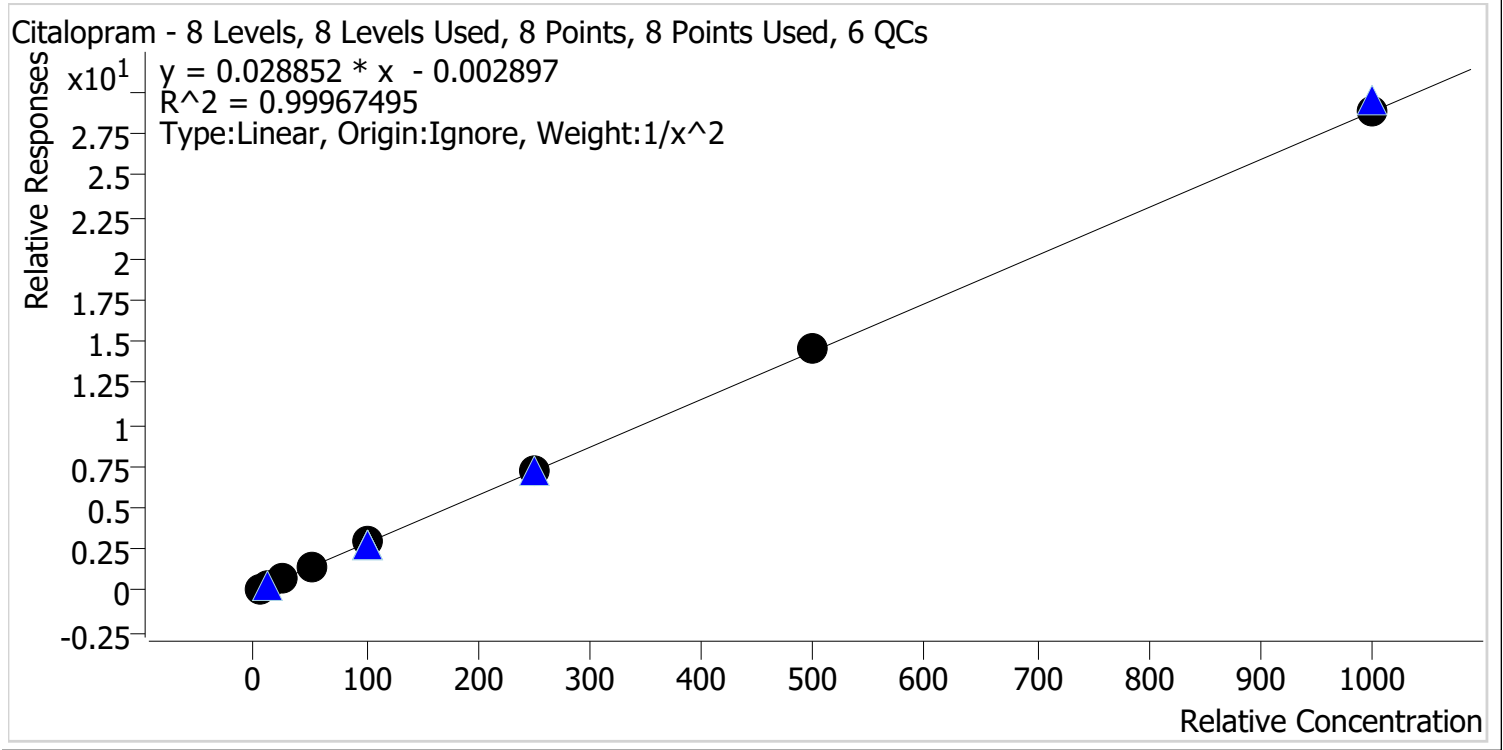
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.7
p1 Cal 4-50ng R	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng R	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng R	6	✓	250.0	263.1	105.3
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1092.1	109.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



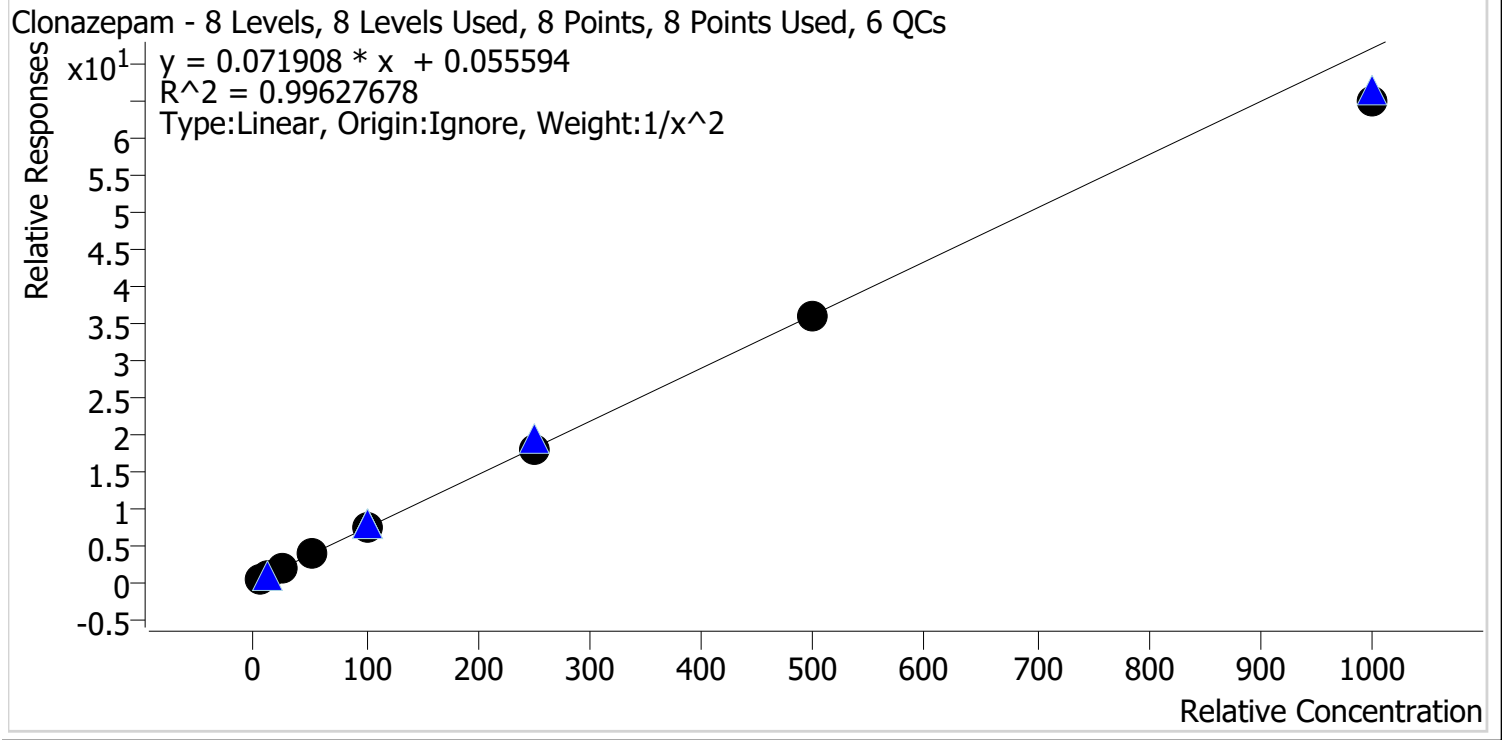
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng R	4	✓	50.0	48.9	97.7
p1 Cal 5-100ng R	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng R	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	506.0	101.2
p1 Cal 8-1000ng	8	✓	1000.0	1001.4	100.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



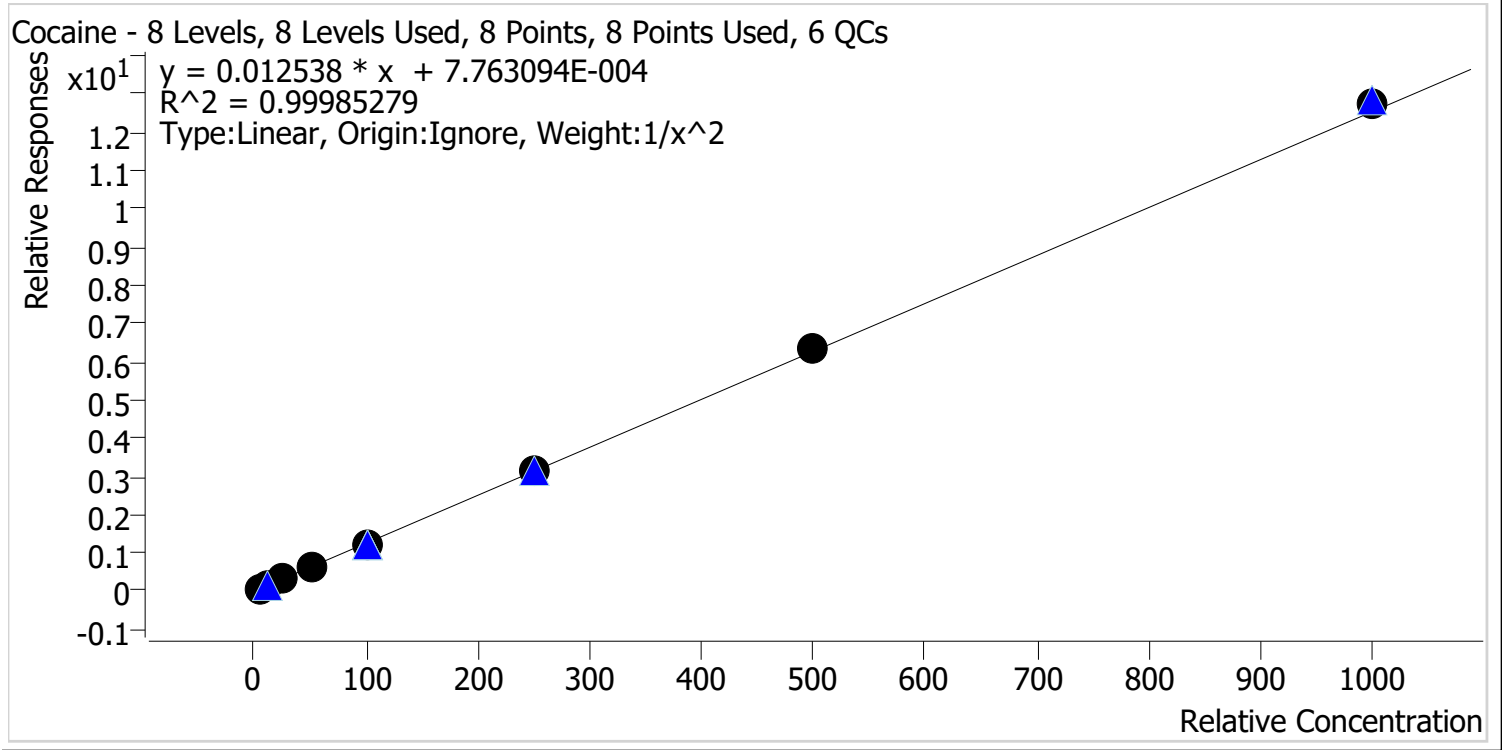
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng R	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng R	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng R	6	✓	250.0	248.1	99.2
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	903.6	90.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Cocaine **Internal Standard** Cocaine-D3



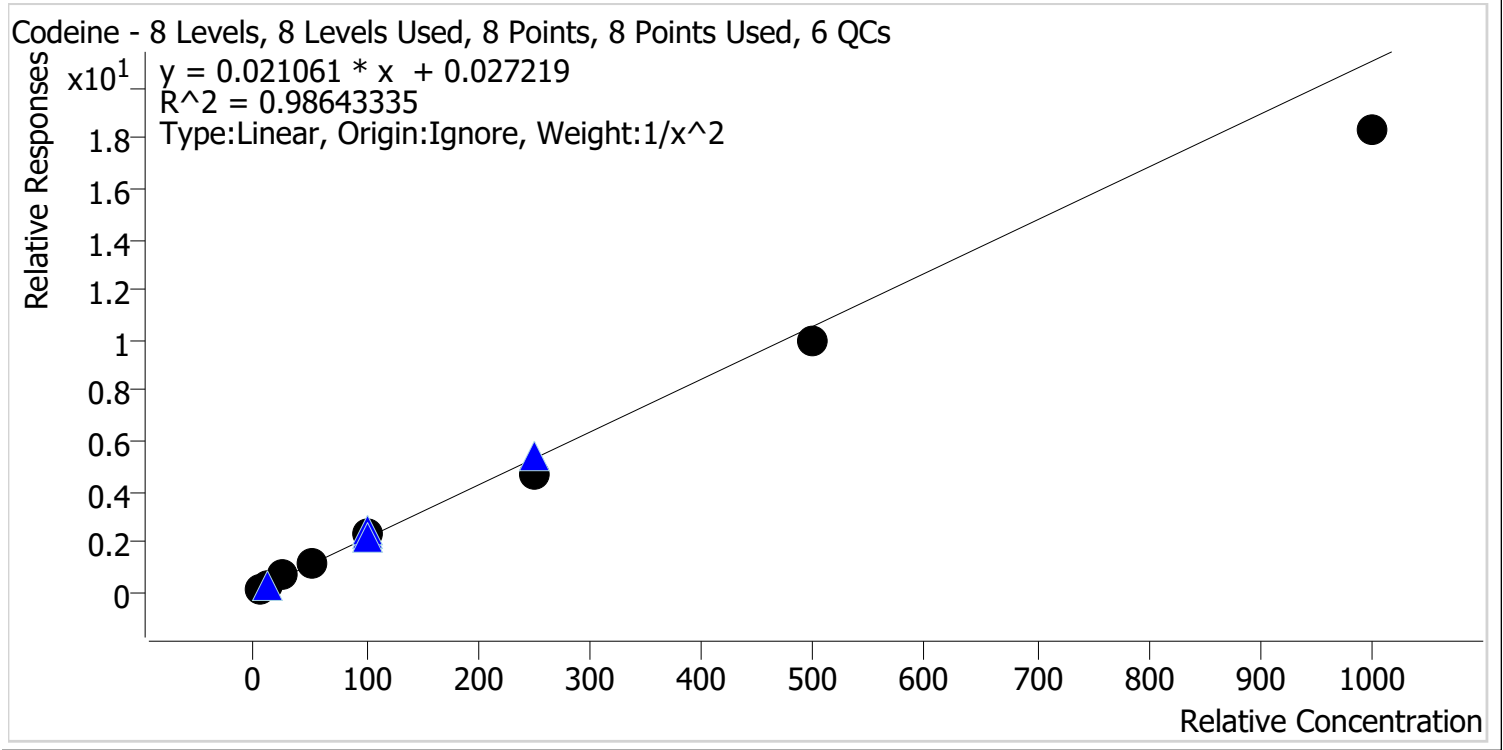
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng R	4	✓	50.0	48.9	97.8
p1 Cal 5-100ng R	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng R	6	✓	250.0	250.1	100.0
p1 Cal 7-500ng	7	✓	500.0	504.1	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1014.3	101.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Codeine **Internal Standard** Codeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.5	105.3
p1 Cal 3 -25ng	3	✓	25.0	28.5	114.1
p1 Cal 4-50ng R	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng R	5	✓	100.0	110.8	110.8
p1 Cal 6-250ng R	6	✓	250.0	222.9	89.1
p1 Cal 7-500ng	7	✓	500.0	474.5	94.9
p1 Cal 8-1000ng	8	✓	1000.0	868.3	86.8

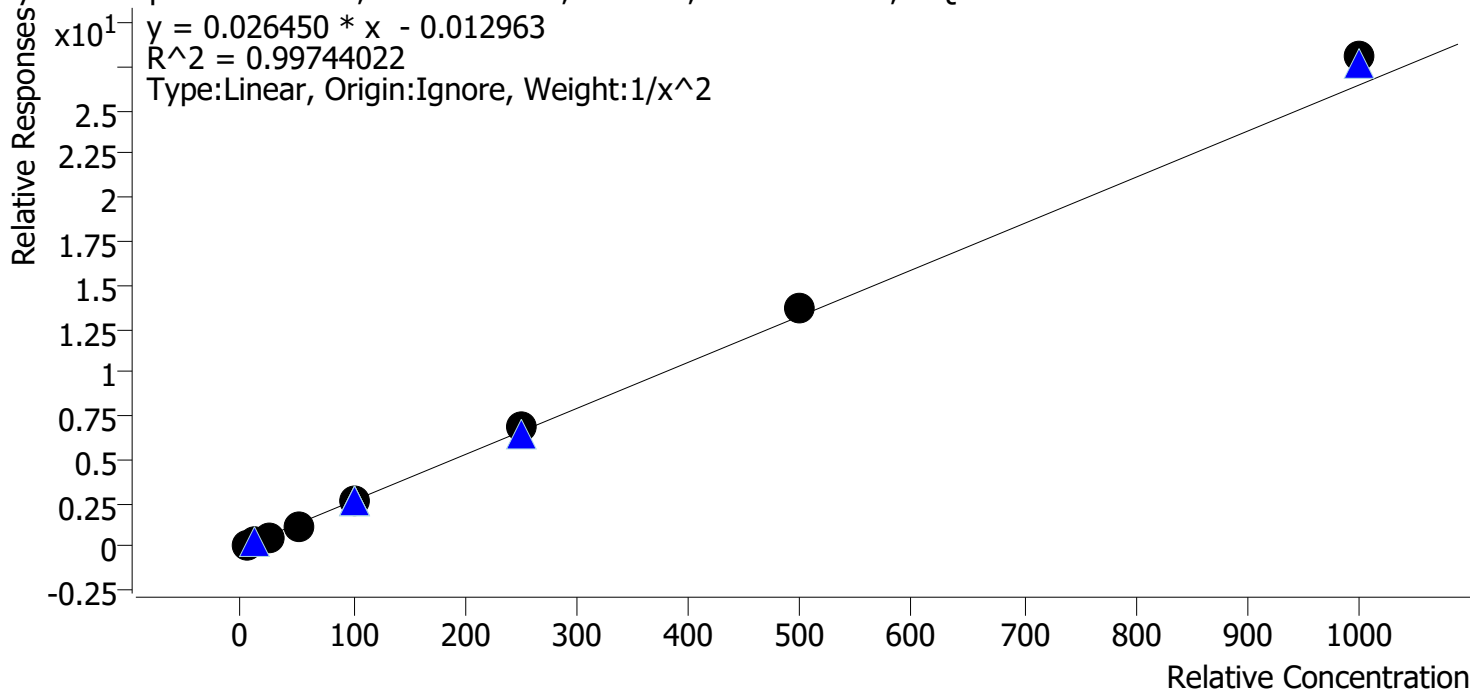
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



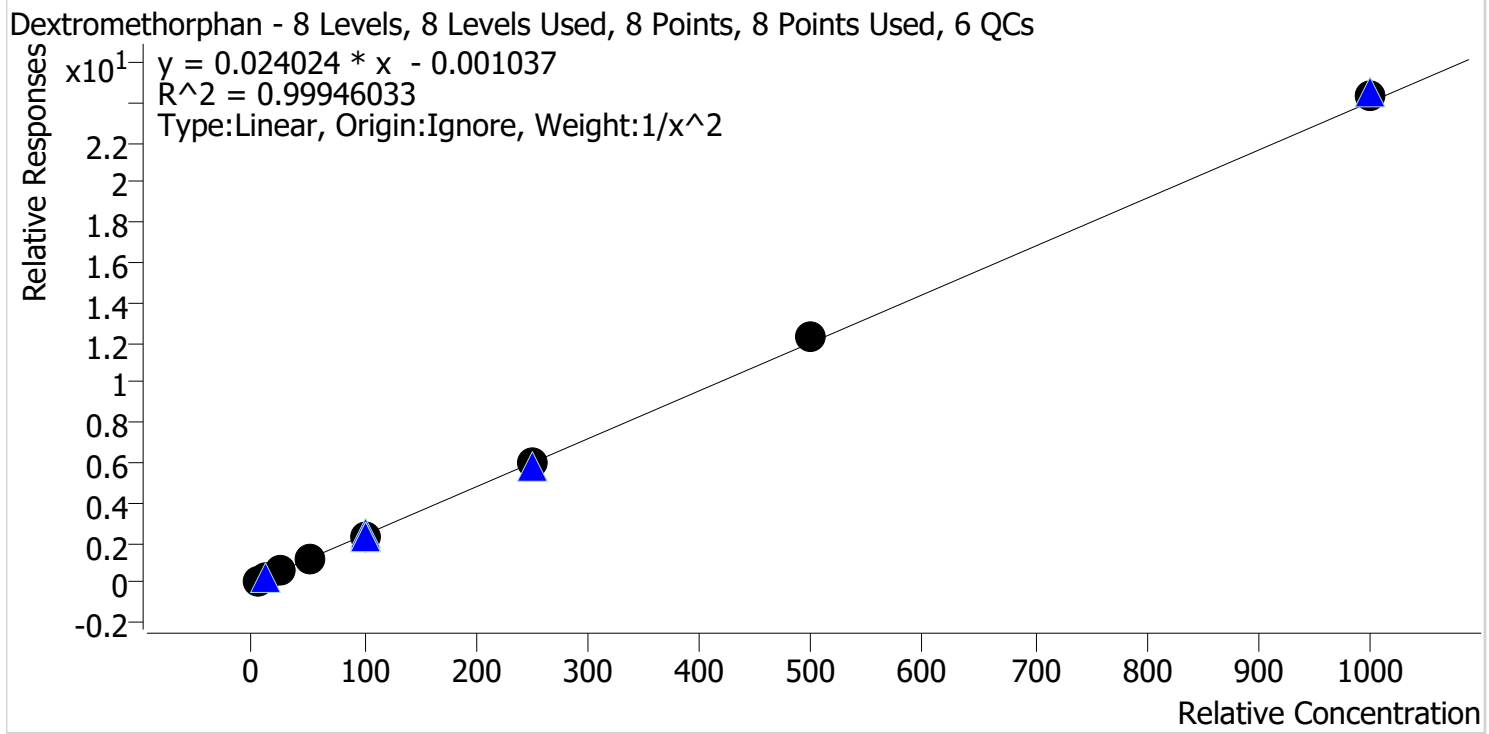
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng R	4	✓	50.0	47.2	94.5
p1 Cal 5-100ng R	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng R	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	518.6	103.7
p1 Cal 8-1000ng	8	✓	1000.0	1061.4	106.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3



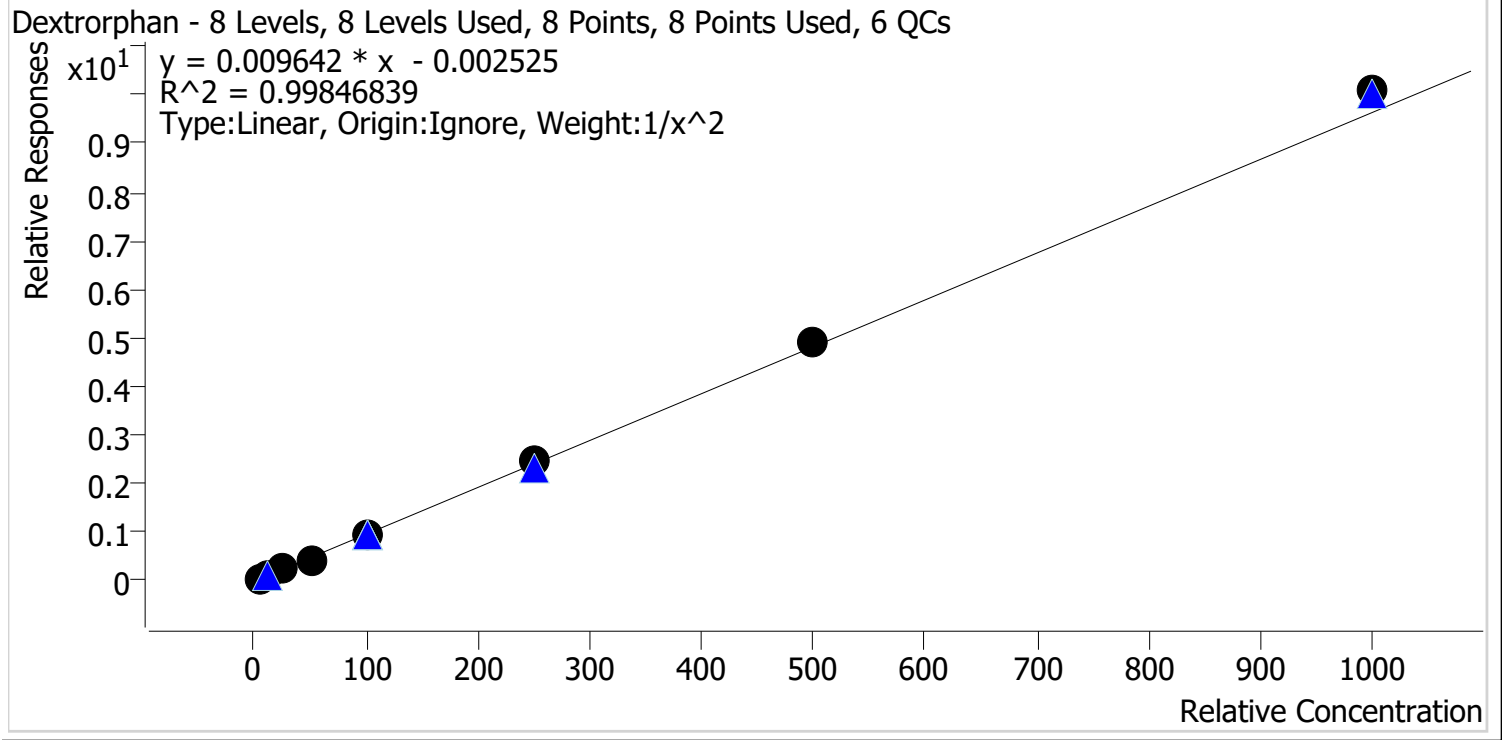
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.3
p1 Cal 4-50ng R	4	✓	50.0	48.5	97.1
p1 Cal 5-100ng R	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng R	6	✓	250.0	252.9	101.2
p1 Cal 7-500ng	7	✓	500.0	513.5	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1014.6	101.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



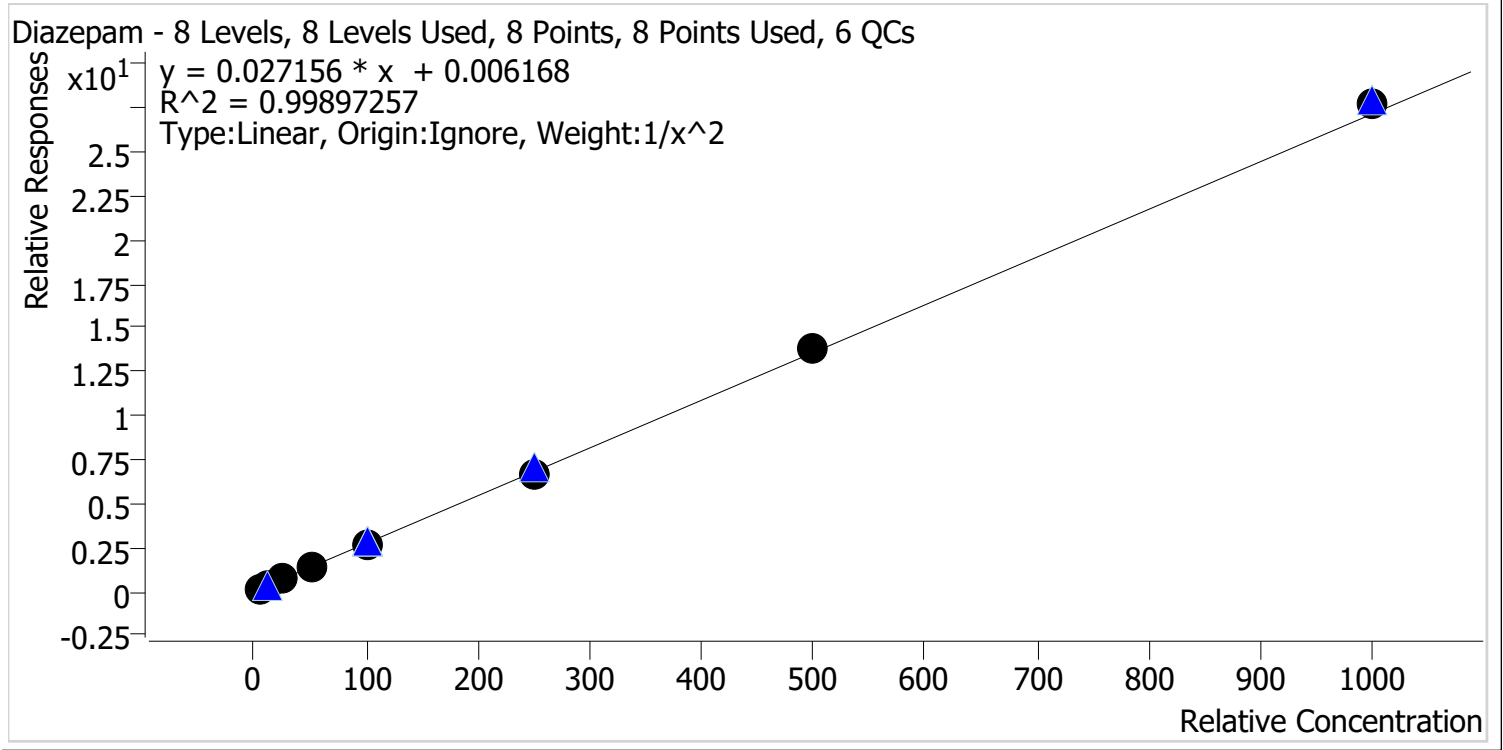
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng R	4	✓	50.0	47.2	94.4
p1 Cal 5-100ng R	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng R	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1046.8	104.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng R	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng R	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng R	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	509.5	101.9
p1 Cal 8-1000ng	8	✓	1000.0	1024.1	102.4

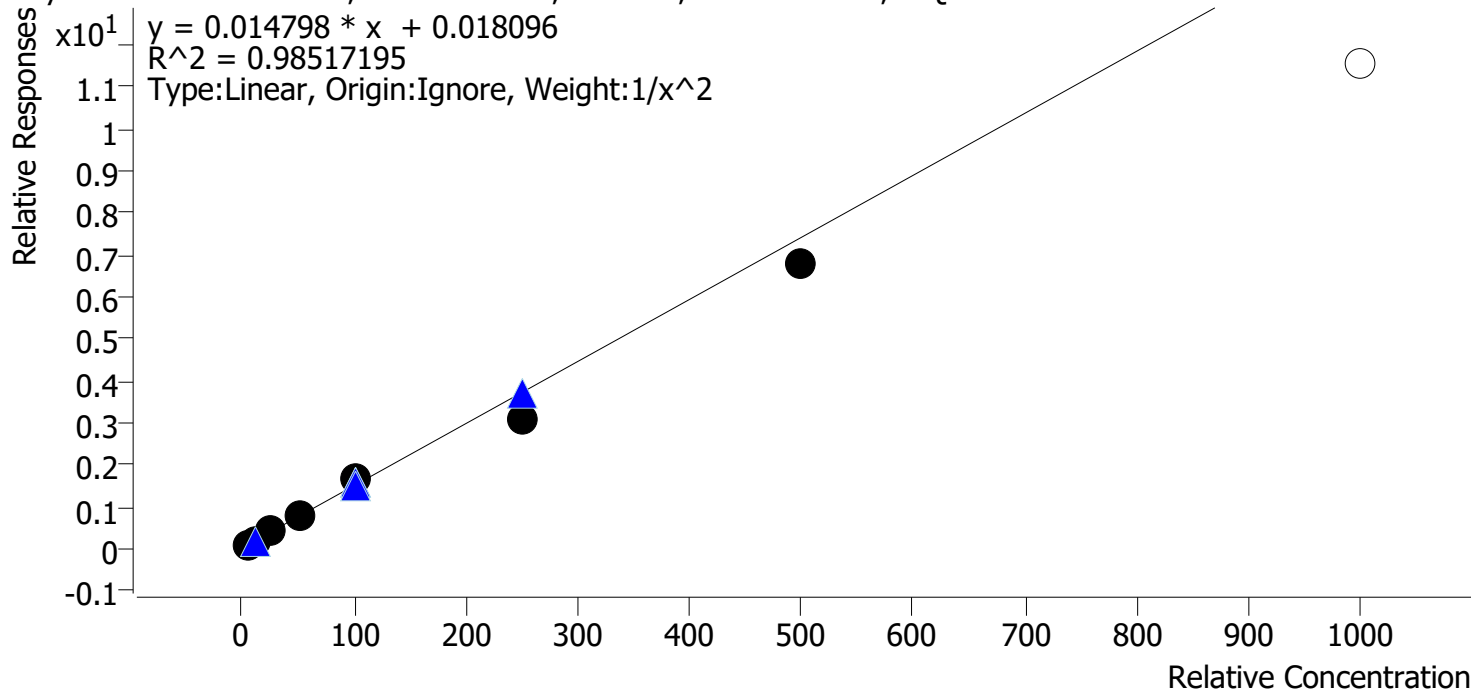


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

Dihydrocodeine - 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	4.7	93.8
p1 Cal 2-10ng	2	✓	10.0	10.7	107.4
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.6
p1 Cal 4-50ng R	4	✓	50.0	51.6	103.2
p1 Cal 5-100ng R	5	✓	100.0	109.7	109.7
p1 Cal 6-250ng R	6	✓	250.0	209.5	83.8
p1 Cal 7-500ng	7	✓	500.0	457.5	91.5
p1 Cal 8-1000ng	8	✗	1000.0	782.0	78.2

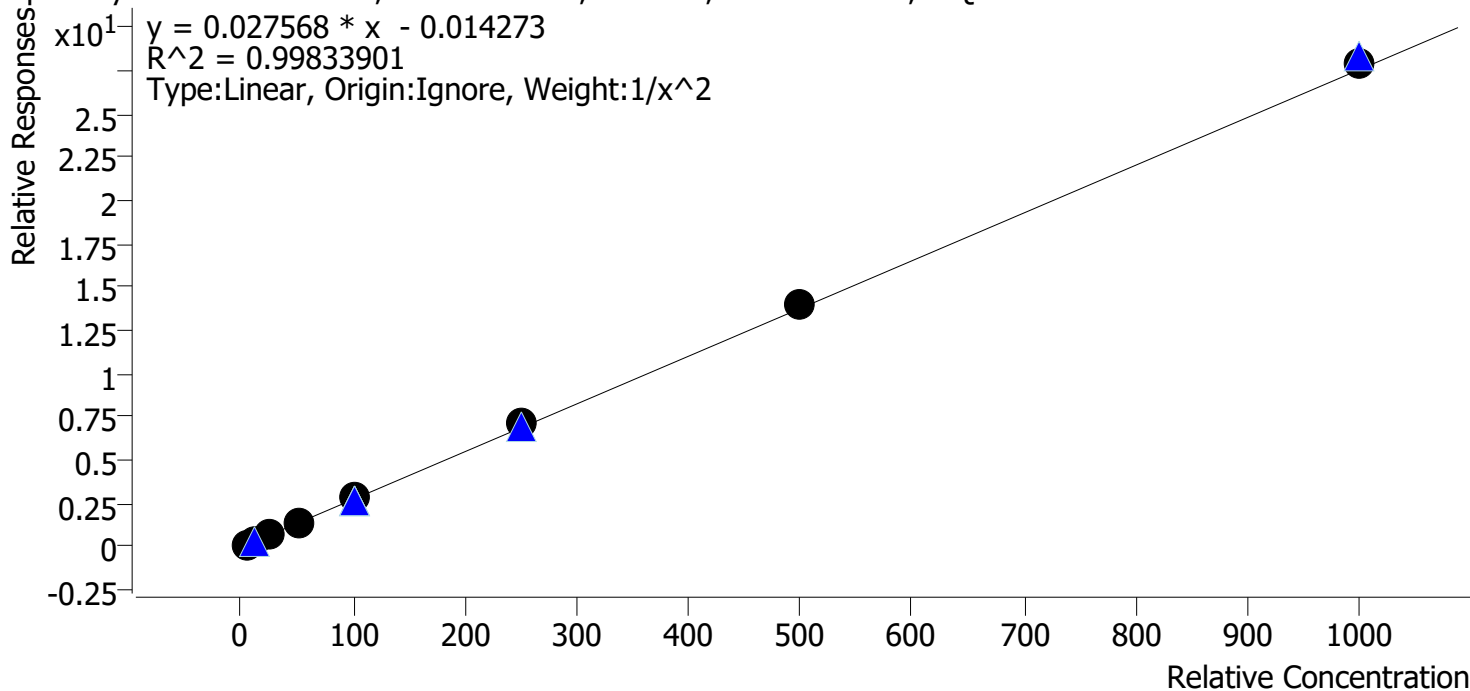


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



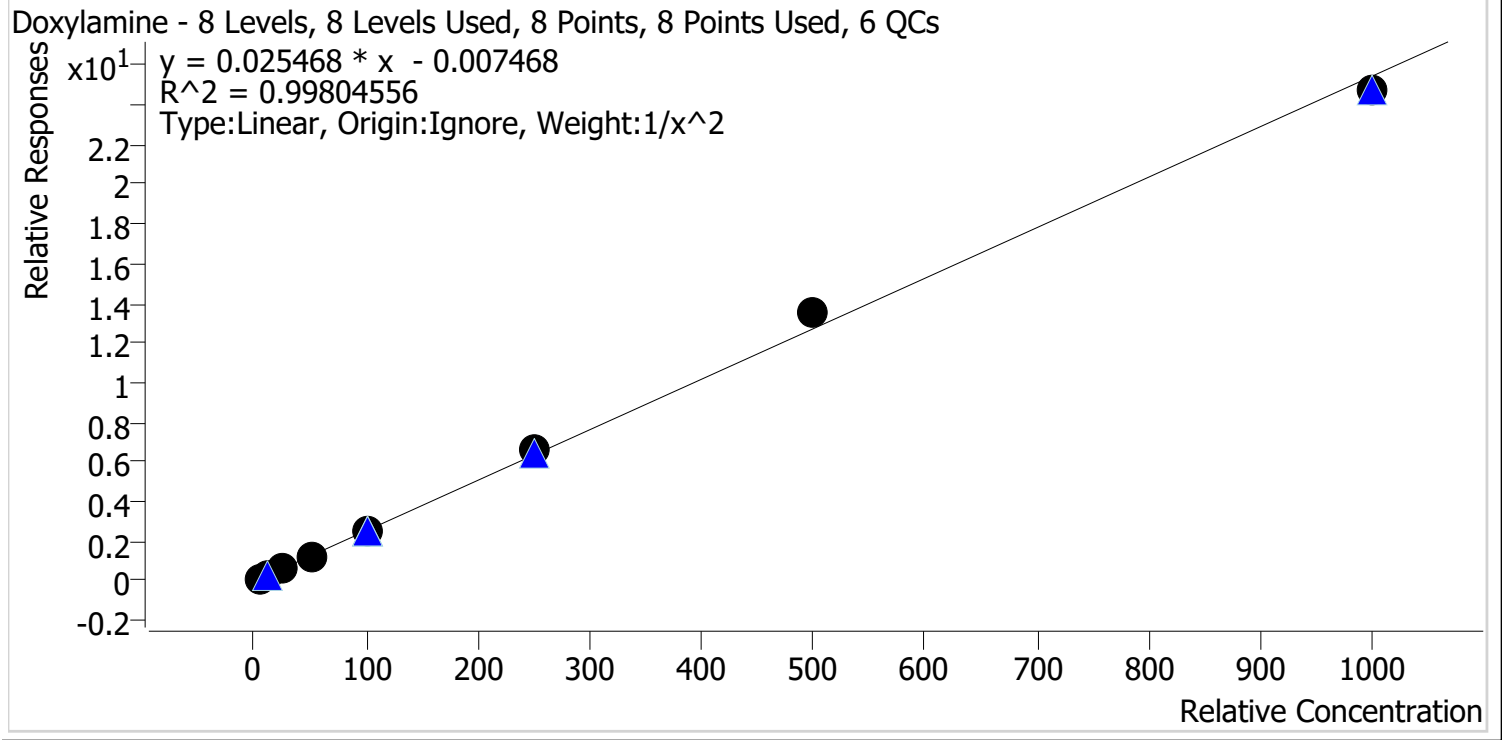
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng R	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng R	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng R	6	✓	250.0	262.4	104.9
p1 Cal 7-500ng	7	✓	500.0	511.9	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1010.2	101.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



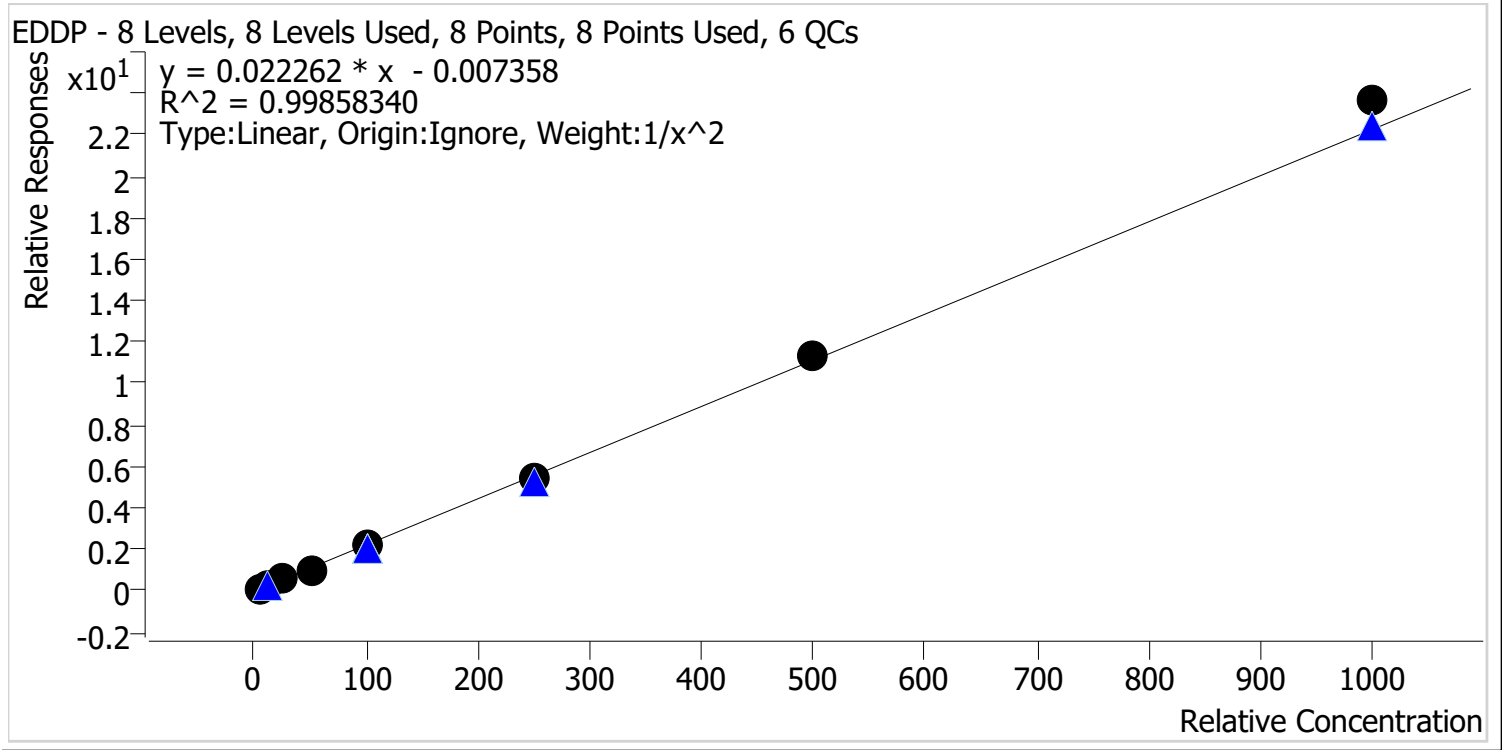
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.1
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng R	4	✓	50.0	48.5	96.9
p1 Cal 5-100ng R	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng R	6	✓	250.0	258.4	103.4
p1 Cal 7-500ng	7	✓	500.0	532.4	106.5
p1 Cal 8-1000ng	8	✓	1000.0	971.4	97.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
 Last Cal. Update 4/4/2023 11:04 AM
 Analyst Name ISP\datastor
 Analyte EDDP Internal Standard EDDP-D3



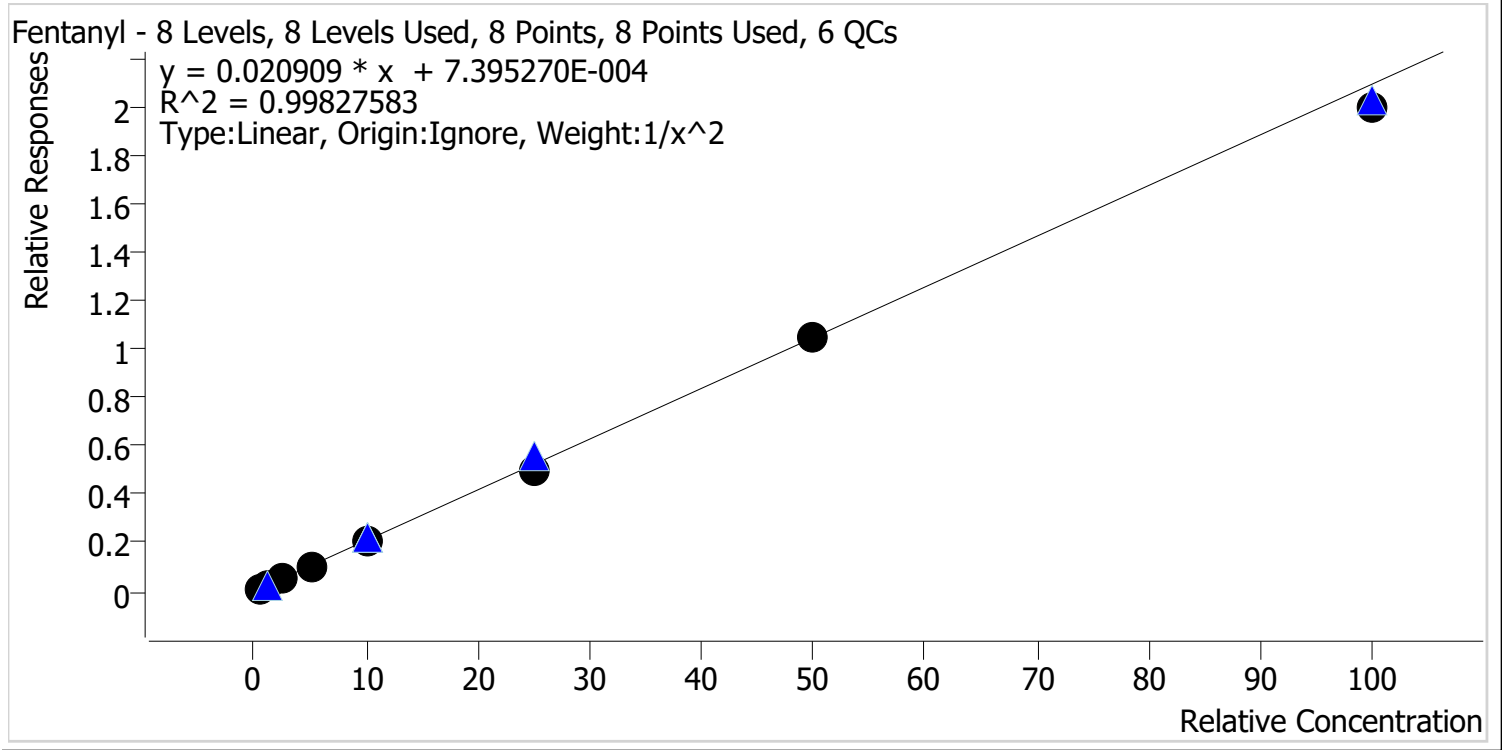
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng R	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng R	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng R	6	✓	250.0	246.6	98.6
p1 Cal 7-500ng	7	✓	500.0	508.4	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1062.7	106.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.6
p1 Cal 2-10ng	2	✓	1.0	1.0	99.8
p1 Cal 3 -25ng	3	✓	2.5	2.7	106.9
p1 Cal 4-50ng R	4	✓	5.0	5.1	102.2
p1 Cal 5-100ng R	5	✓	10.0	10.0	100.3
p1 Cal 6-250ng R	6	✓	25.0	24.0	95.9
p1 Cal 7-500ng	7	✓	50.0	50.3	100.6
p1 Cal 8-1000ng	8	✓	100.0	95.7	95.7

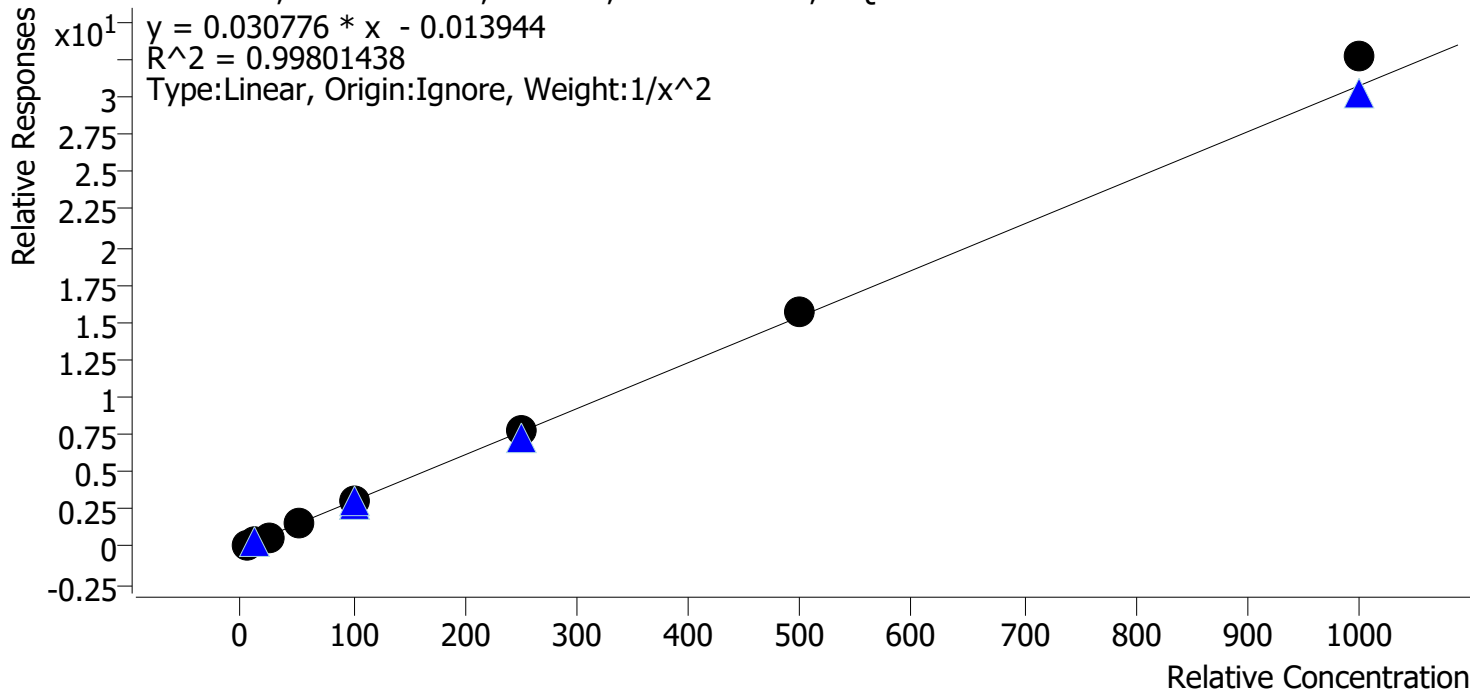
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



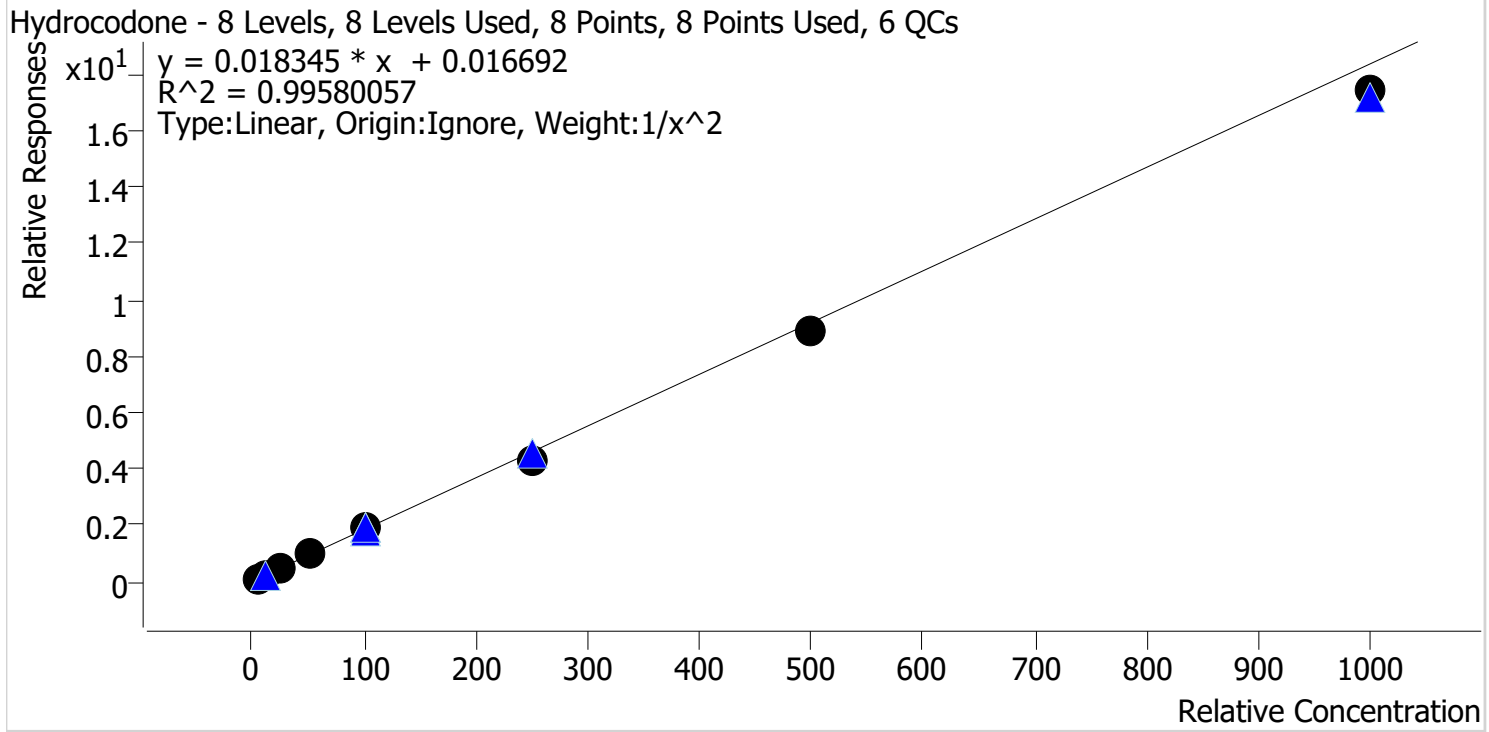
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng R	4	✓	50.0	48.4	96.8
p1 Cal 5-100ng R	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng R	6	✓	250.0	254.4	101.7
p1 Cal 7-500ng	7	✓	500.0	508.5	101.7
p1 Cal 8-1000ng	8	✓	1000.0	1063.1	106.3



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



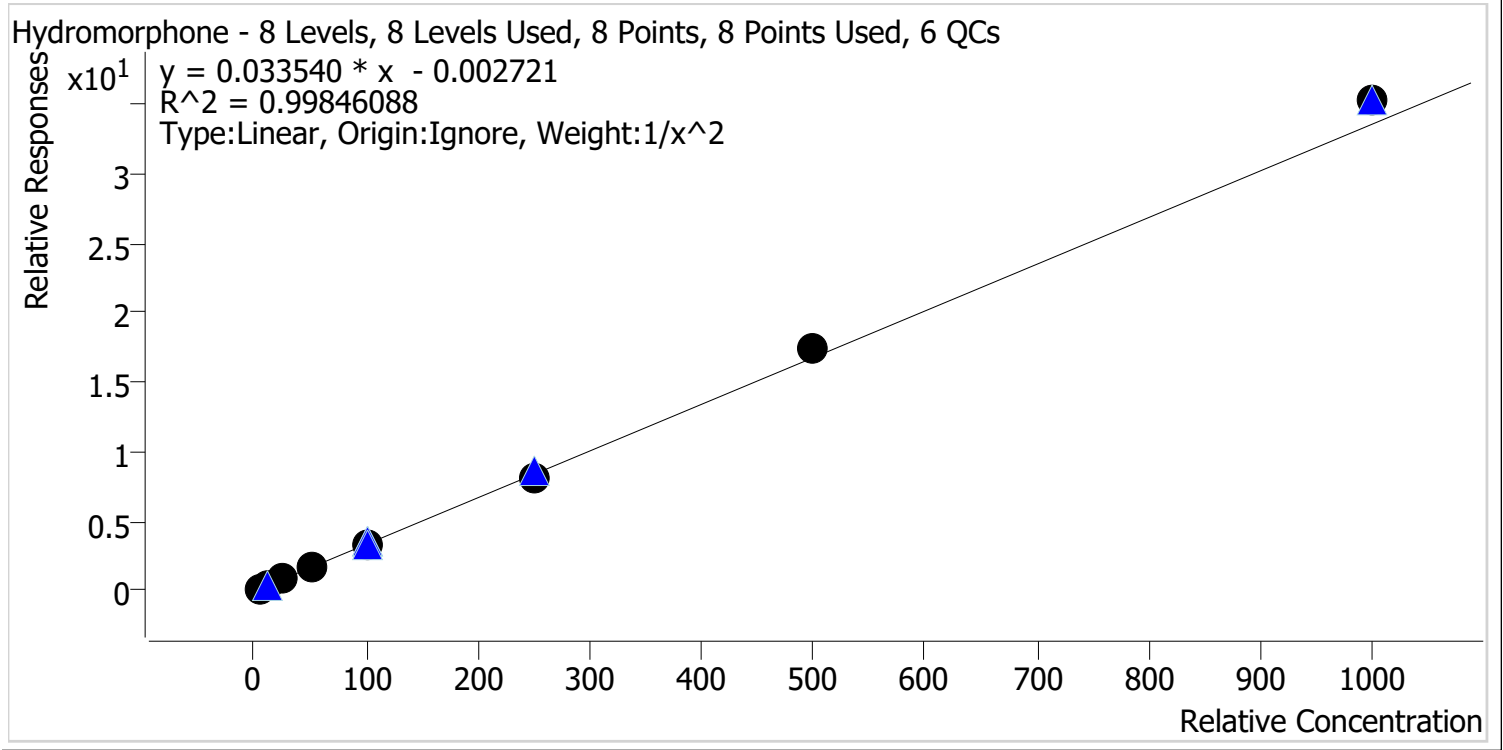
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.4
p1 Cal 4-50ng R	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng R	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng R	6	✓	250.0	235.0	94.0
p1 Cal 7-500ng	7	✓	500.0	482.6	96.5
p1 Cal 8-1000ng	8	✓	1000.0	948.3	94.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



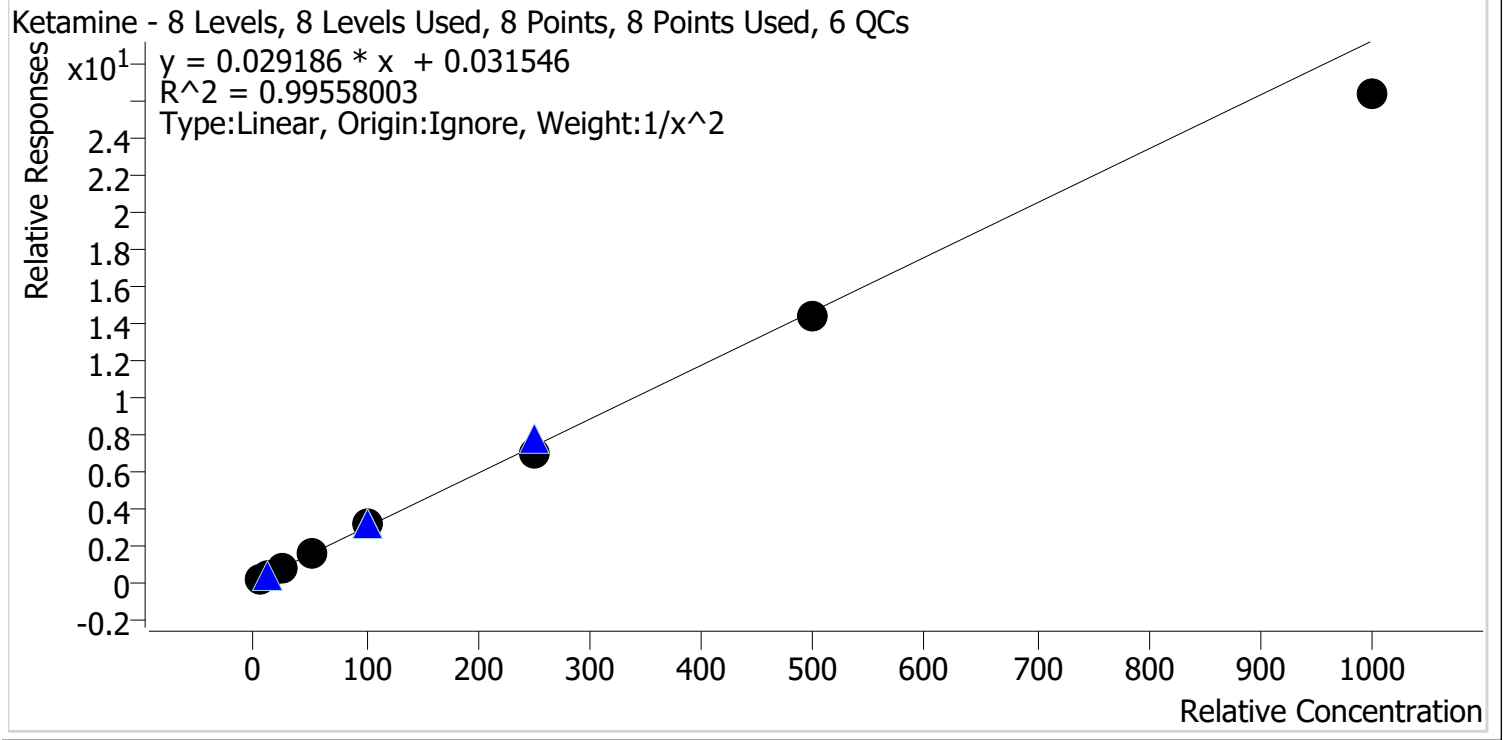
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng R	4	✓	50.0	48.0	96.1
p1 Cal 5-100ng R	5	✓	100.0	97.3	97.3
p1 Cal 6-250ng R	6	✓	250.0	244.9	97.9
p1 Cal 7-500ng	7	✓	500.0	516.7	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1050.5	105.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



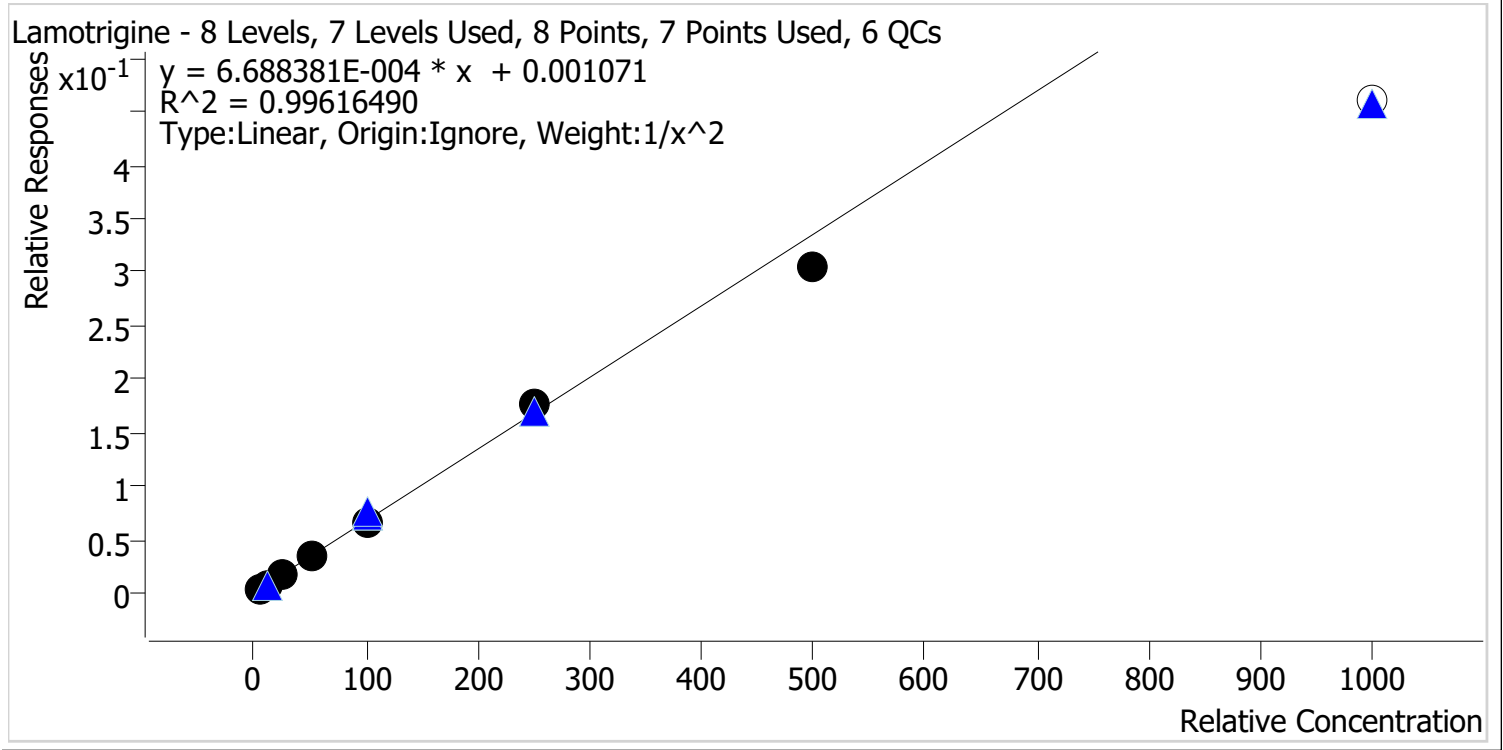
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.9	107.7
p1 Cal 4-50ng R	4	✓	50.0	51.8	103.6
p1 Cal 5-100ng R	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng R	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	493.6	98.7
p1 Cal 8-1000ng	8	✓	1000.0	900.3	90.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



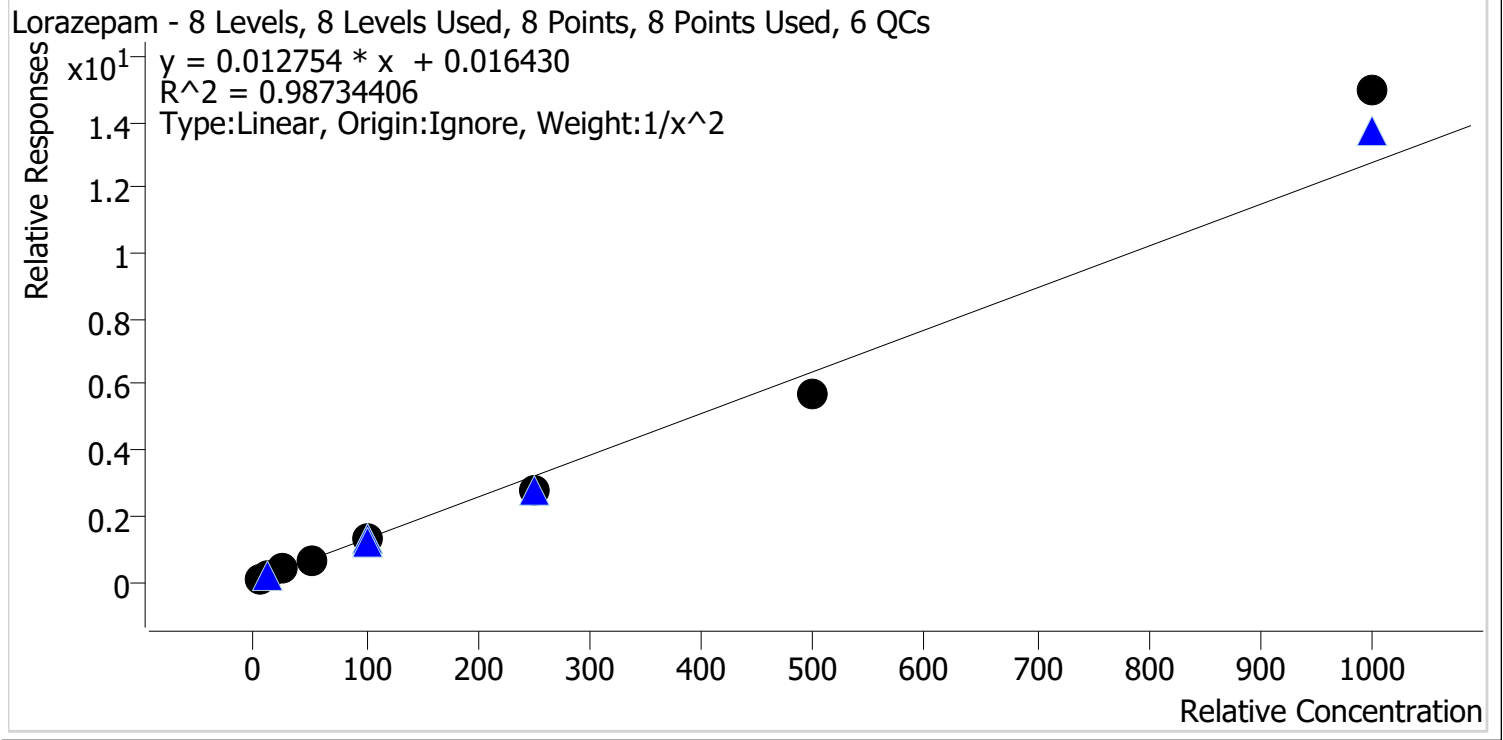
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng R	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng R	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng R	6	✓	250.0	260.6	104.2
p1 Cal 7-500ng	7	✓	500.0	453.8	90.8
p1 Cal 8-1000ng	8	✗	1000.0	686.7	68.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.5	104.9
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.6
p1 Cal 4-50ng R	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng R	5	✓	100.0	96.6	96.6
p1 Cal 6-250ng R	6	✓	250.0	219.0	87.6
p1 Cal 7-500ng	7	✓	500.0	449.4	89.9
p1 Cal 8-1000ng	8	✓	1000.0	1172.0	117.2

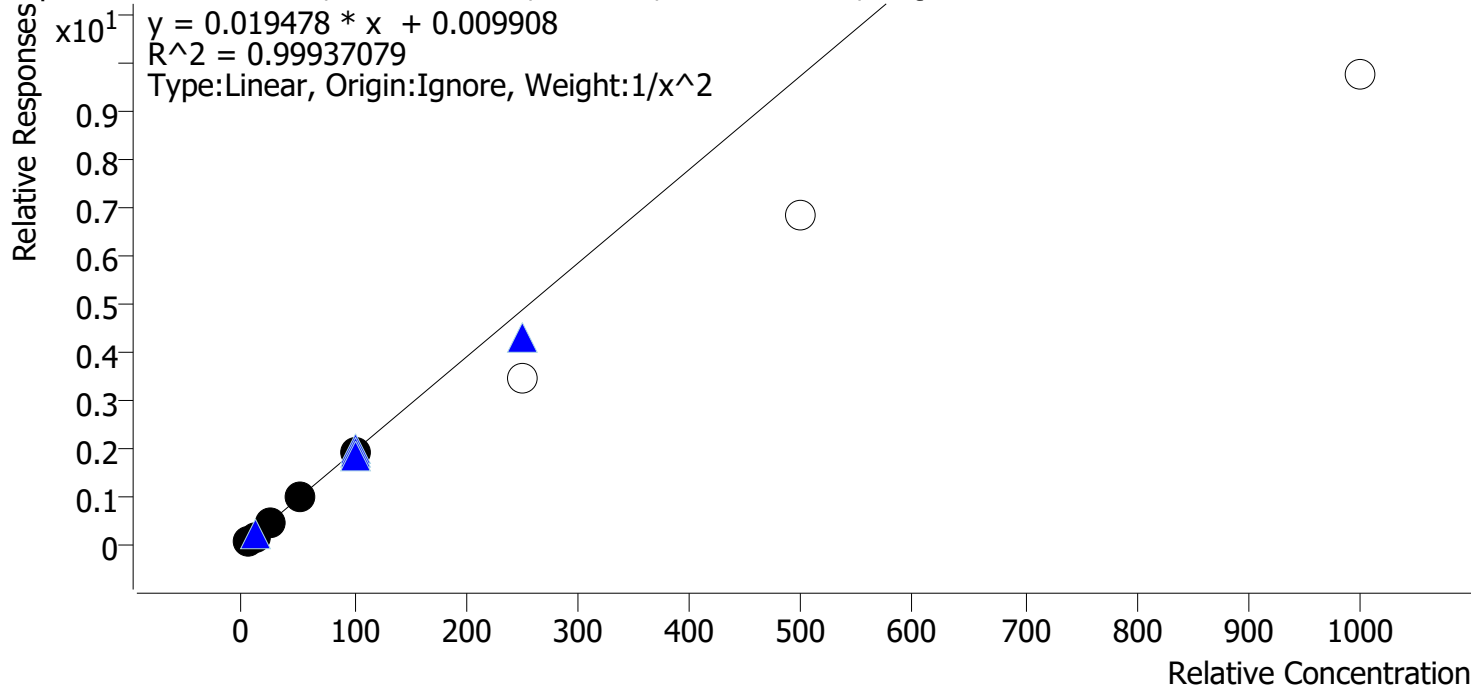


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7

Meprobamate - 8 Levels, 5 Levels Used, 8 Points, 5 Points Used, 6 QCs



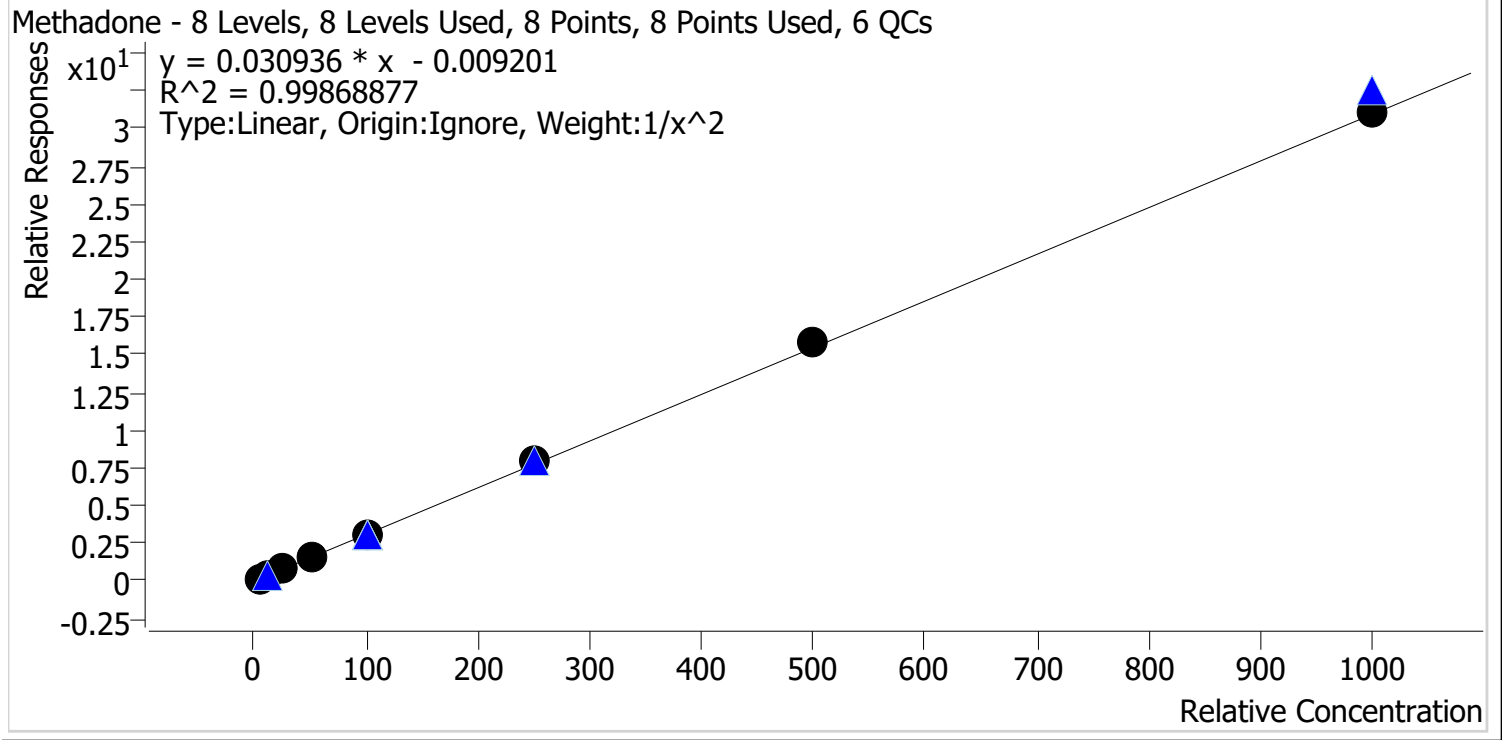
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.2
p1 Cal 4-50ng R	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng R	5	✓	100.0	97.1	97.1
p1 Cal 6-250ng R	6	x	250.0	176.4	70.6
p1 Cal 7-500ng	7	x	500.0	353.0	70.6
p1 Cal 8-1000ng	8	x	1000.0	500.0	50.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Methadone **Internal Standard** Methadone-D9



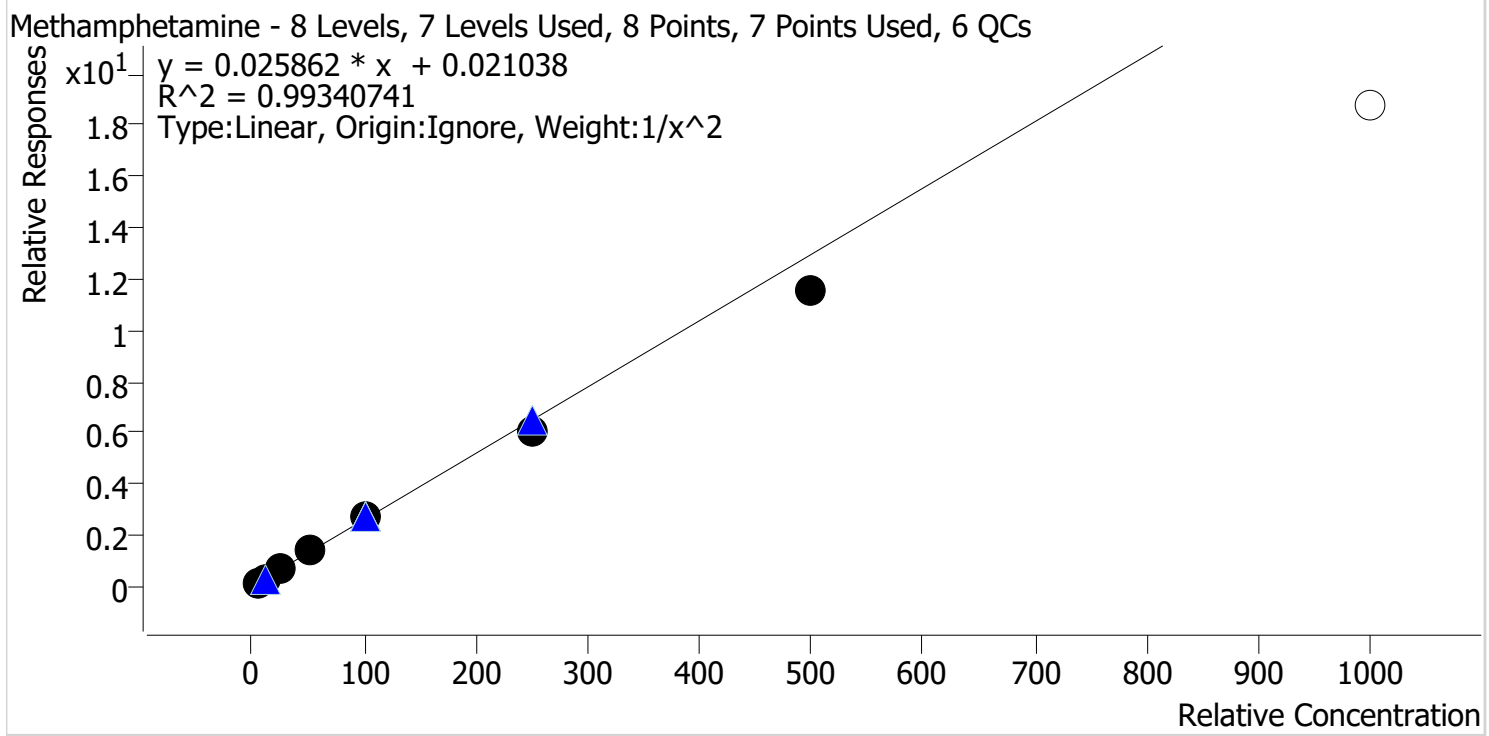
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng R	4	✓	50.0	47.6	95.1
p1 Cal 5-100ng R	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng R	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1007.9	100.8



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng R	4	✓	50.0	53.4	106.7
p1 Cal 5-100ng R	5	✓	100.0	106.3	106.3
p1 Cal 6-250ng R	6	✓	250.0	232.3	92.9
p1 Cal 7-500ng	7	✓	500.0	447.7	89.5
p1 Cal 8-1000ng	8	✗	1000.0	725.6	72.6

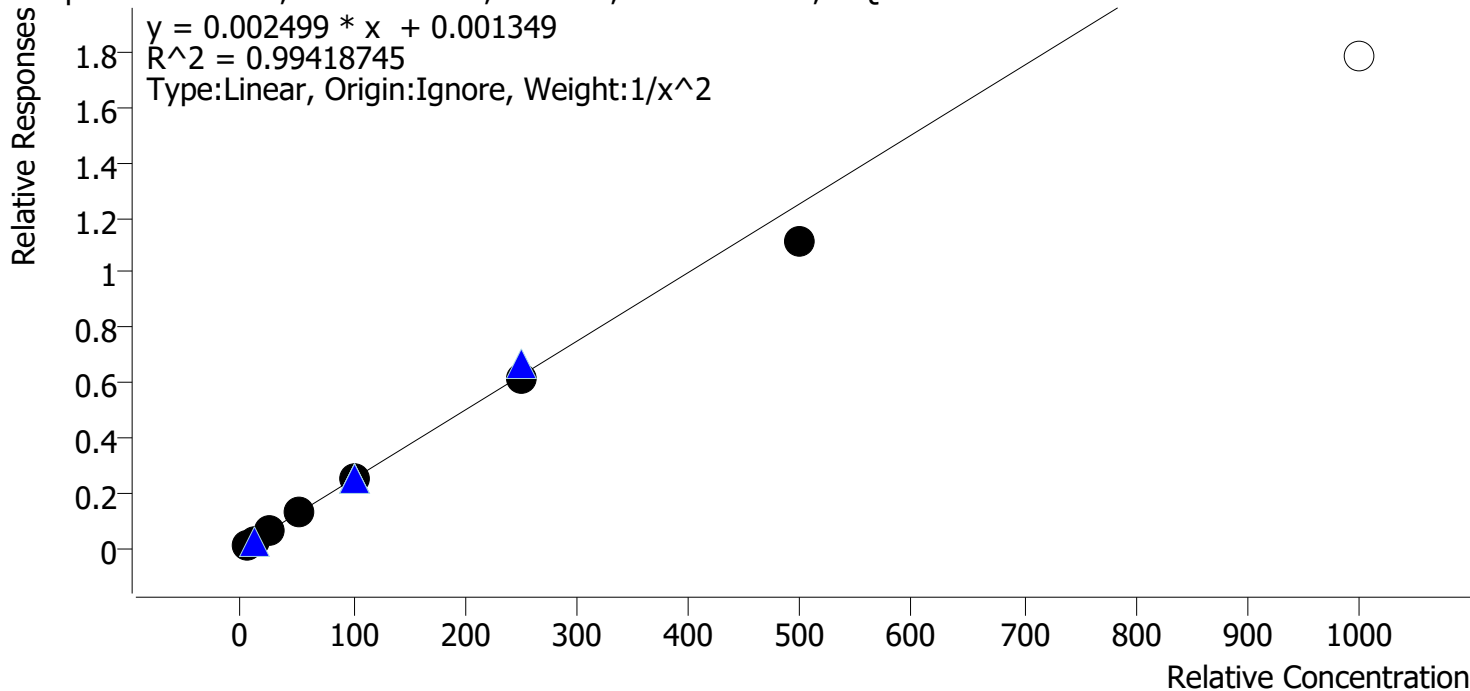


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



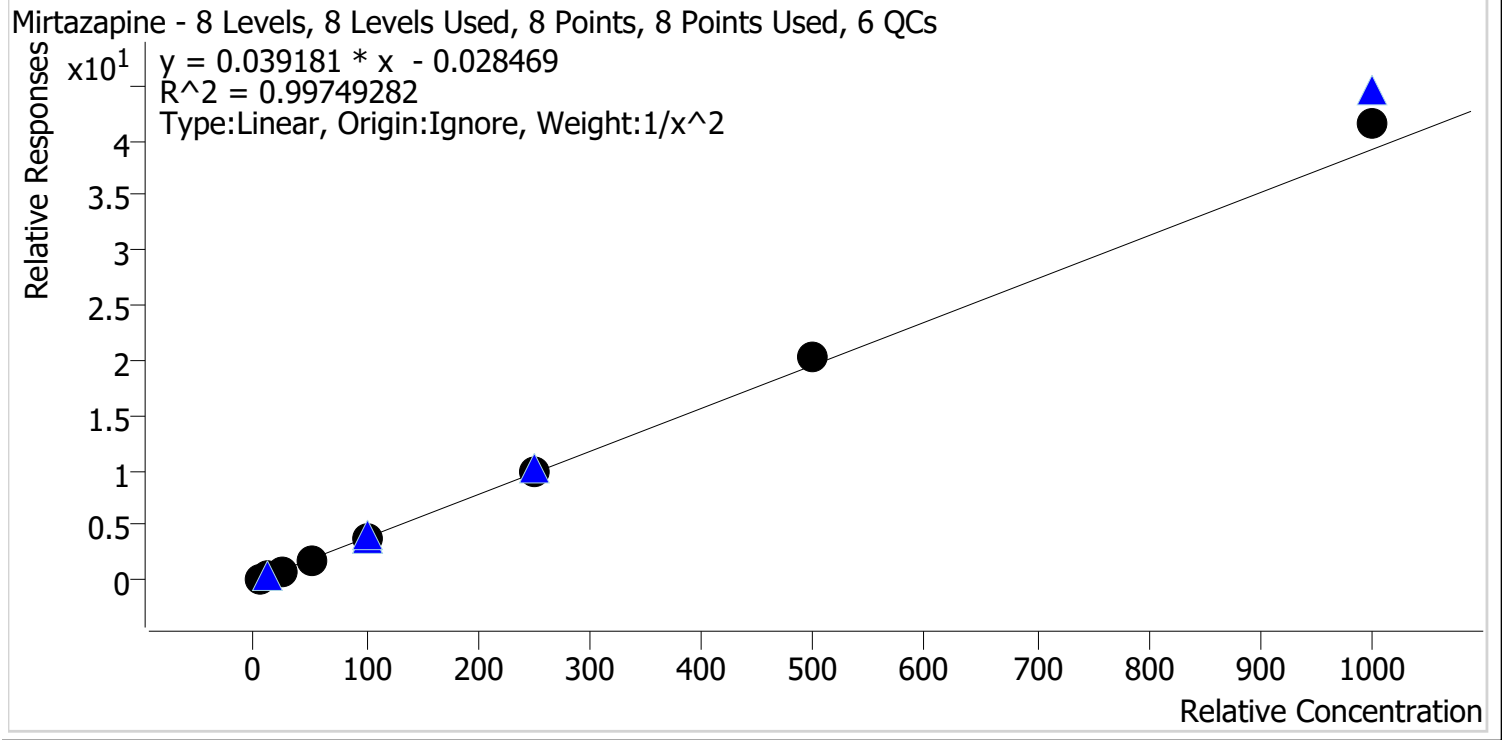
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.2
p1 Cal 2-10ng	2	✓	10.0	10.6	106.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng R	4	✓	50.0	52.2	104.5
p1 Cal 5-100ng R	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng R	6	✓	250.0	244.4	97.8
p1 Cal 7-500ng	7	✓	500.0	445.4	89.1
p1 Cal 8-1000ng	8	✗	1000.0	713.1	71.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



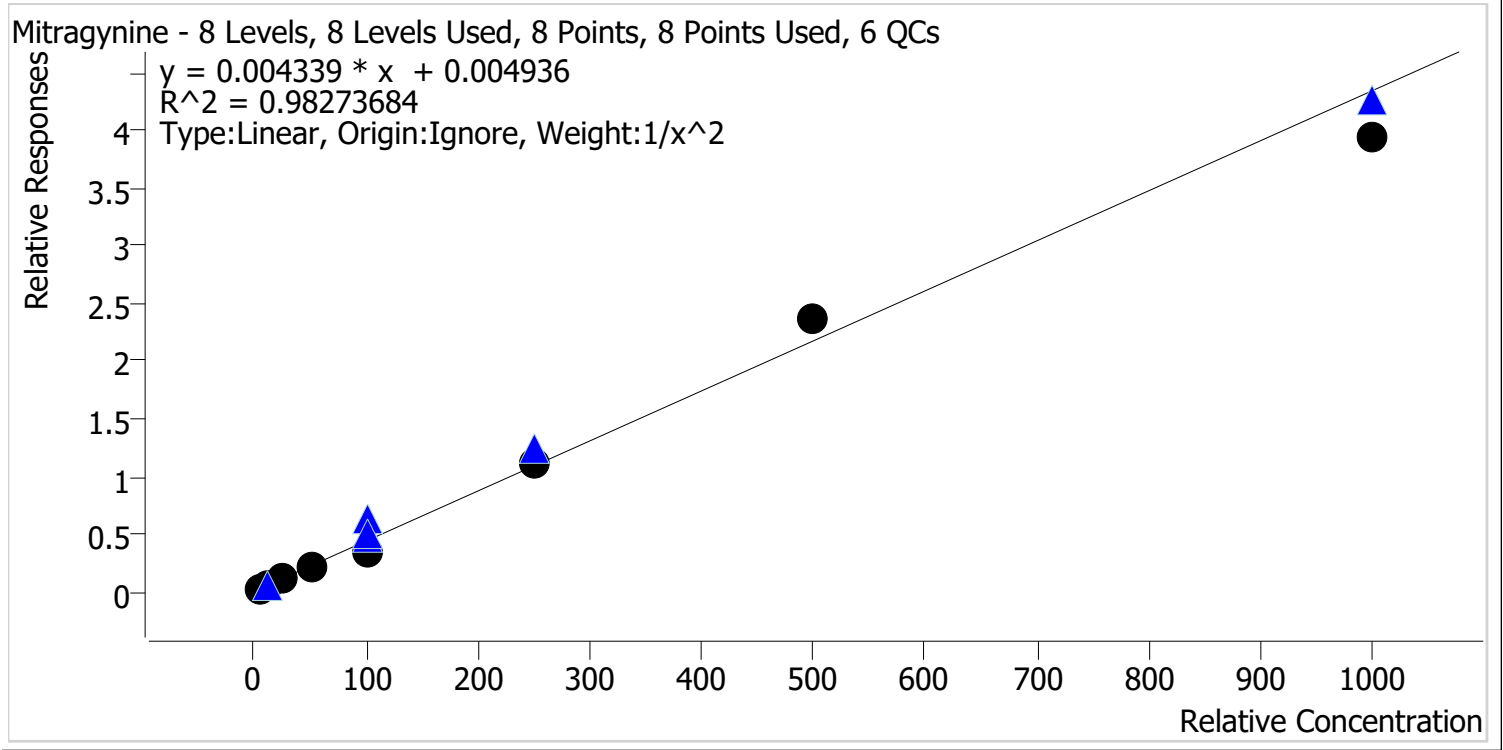
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng R	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng R	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng R	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	519.9	104.0
p1 Cal 8-1000ng	8	✓	1000.0	1062.0	106.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



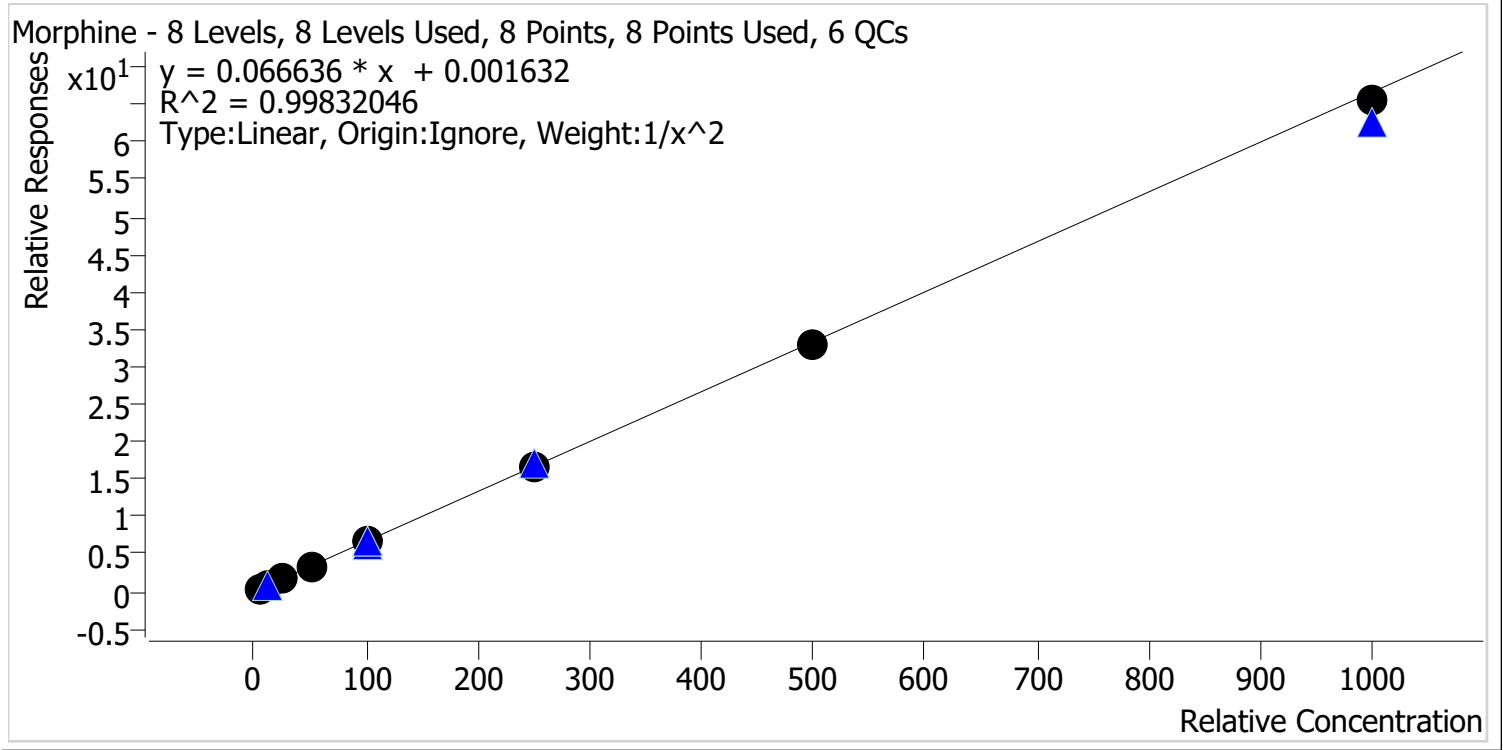
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.6	92.9
p1 Cal 2-10ng	2	✓	10.0	11.0	110.0
p1 Cal 3 -25ng	3	✓	25.0	28.9	115.4
p1 Cal 4-50ng R	4	✓	50.0	49.3	98.7
p1 Cal 5-100ng R	5	✓	100.0	80.9	80.9
p1 Cal 6-250ng R	6	✓	250.0	258.2	103.3
p1 Cal 7-500ng	7	✓	500.0	541.4	108.3
p1 Cal 8-1000ng	8	✓	1000.0	905.0	90.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Morphine **Internal Standard** Morphine-D6



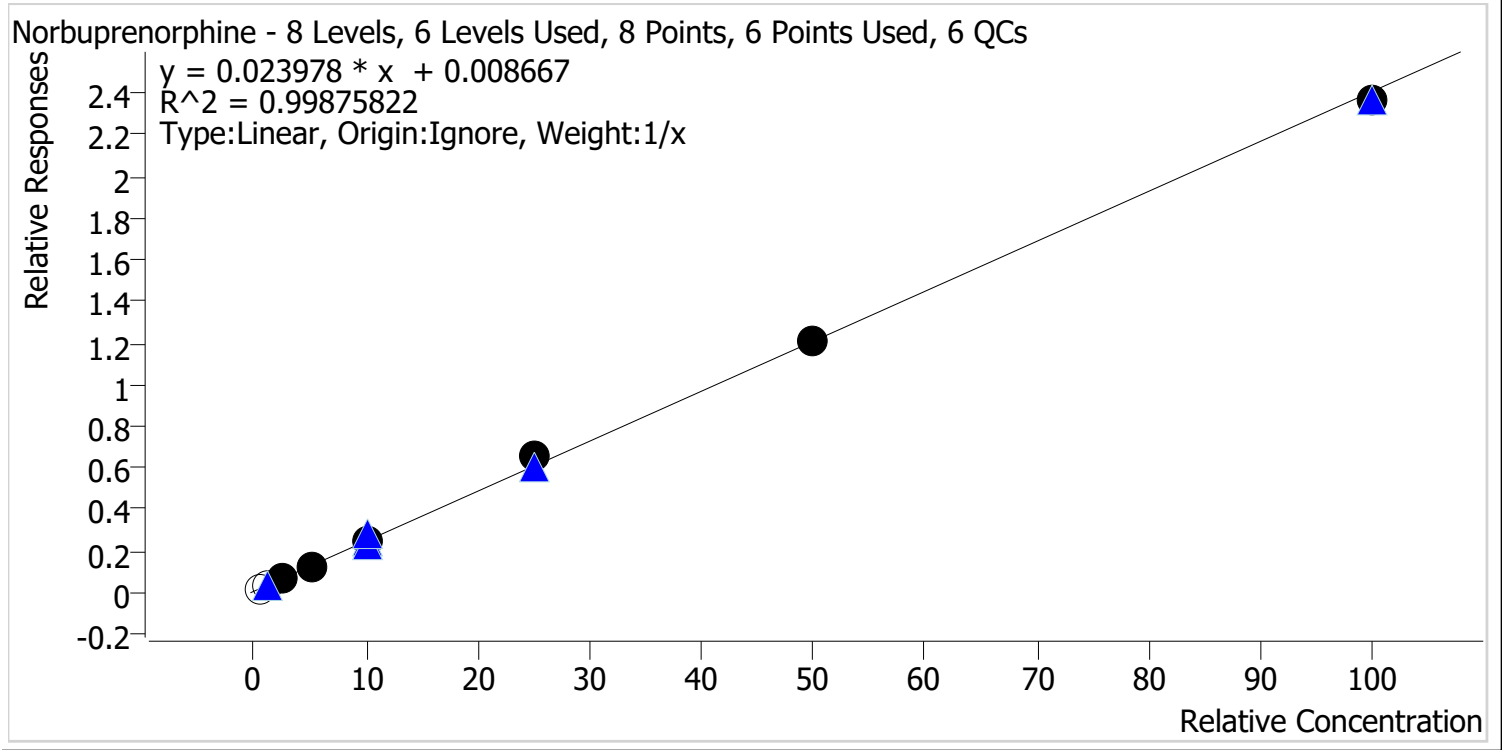
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.4
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng R	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng R	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng R	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	495.4	99.1
p1 Cal 8-1000ng	8	✓	1000.0	983.2	98.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



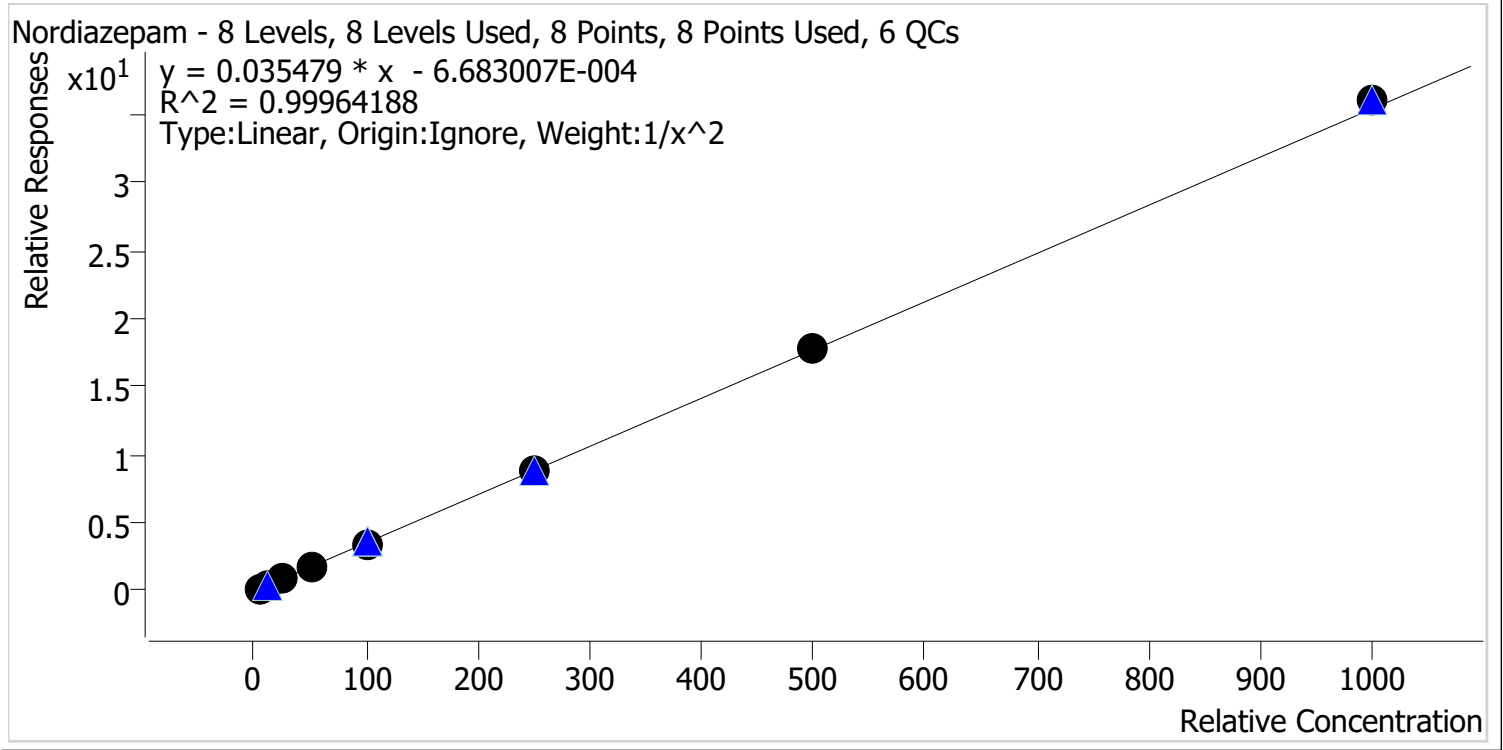
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.5	92.6
p1 Cal 2-10ng	2	x	1.0	0.9	89.4
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.2
p1 Cal 4-50ng R	4	✓	5.0	5.1	101.1
p1 Cal 5-100ng R	5	✓	10.0	10.1	101.2
p1 Cal 6-250ng R	6	✓	25.0	26.8	107.2
p1 Cal 7-500ng	7	✓	50.0	50.1	100.1
p1 Cal 8-1000ng	8	✓	100.0	98.2	98.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5



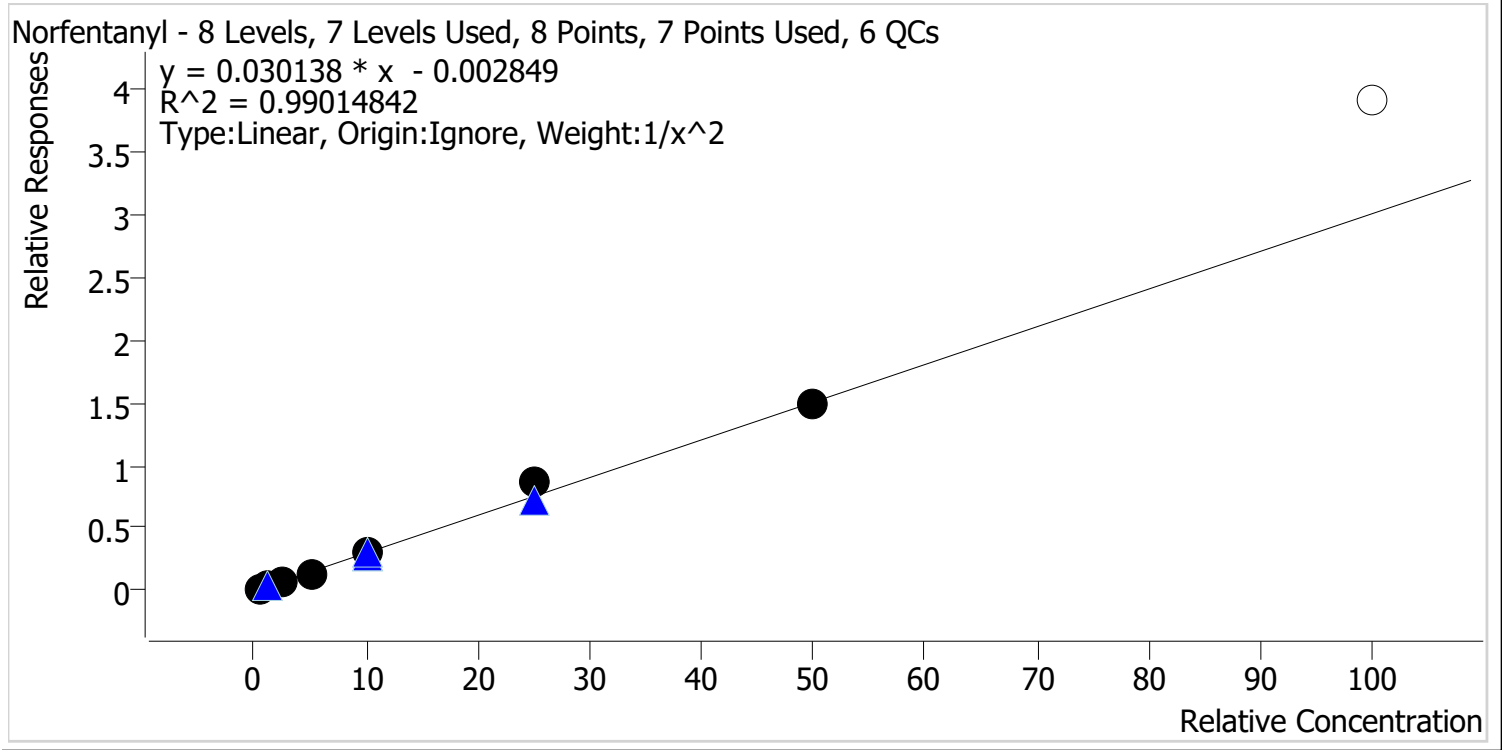
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.0
p1 Cal 2-10ng	2	✓	10.0	10.3	102.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.1
p1 Cal 4-50ng R	4	✓	50.0	48.7	97.5
p1 Cal 5-100ng R	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng R	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	504.8	101.0
p1 Cal 8-1000ng	8	✓	1000.0	1014.8	101.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.8
p1 Cal 2-10ng	2	✓	1.0	1.0	95.2
p1 Cal 3 -25ng	3	✓	2.5	2.2	88.8
p1 Cal 4-50ng R	4	✓	5.0	4.7	94.4
p1 Cal 5-100ng R	5	✓	10.0	10.3	102.6
p1 Cal 6-250ng R	6	✓	25.0	28.7	114.7
p1 Cal 7-500ng	7	✓	50.0	49.7	99.5
p1 Cal 8-1000ng	8	✗	100.0	130.0	130.0

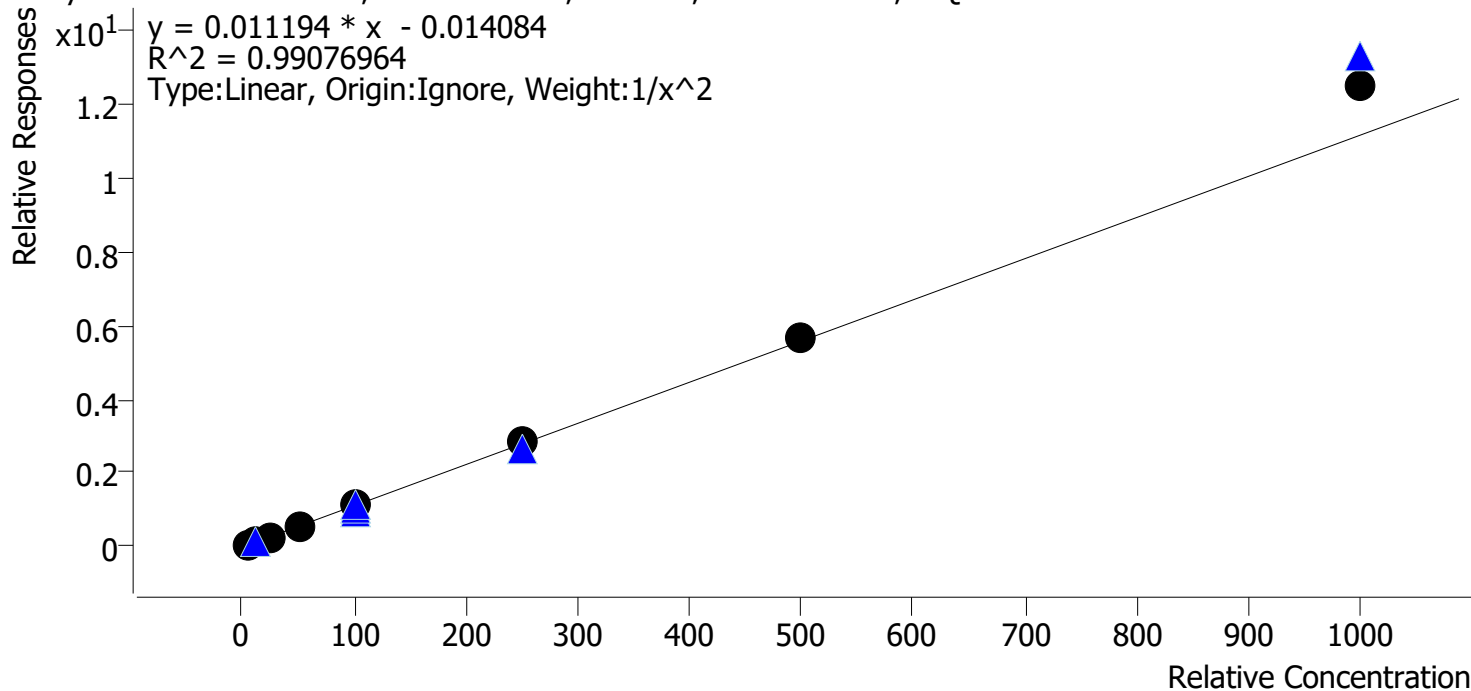
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



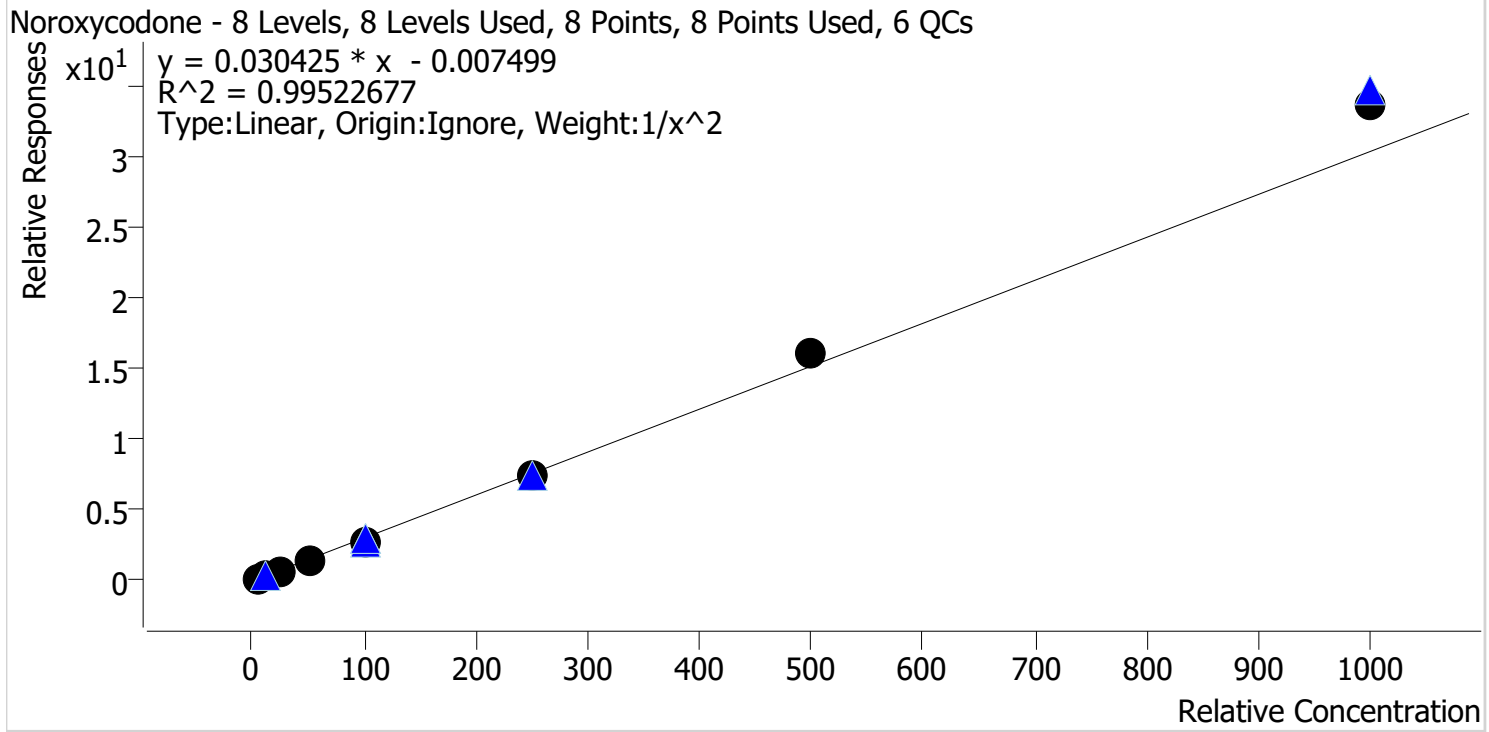
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	106.9
p1 Cal 2-10ng	2	✓	10.0	9.2	92.3
p1 Cal 3 -25ng	3	✓	25.0	21.4	85.7
p1 Cal 4-50ng R	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng R	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng R	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng	7	✓	500.0	512.3	102.5
p1 Cal 8-1000ng	8	✓	1000.0	1123.8	112.4



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



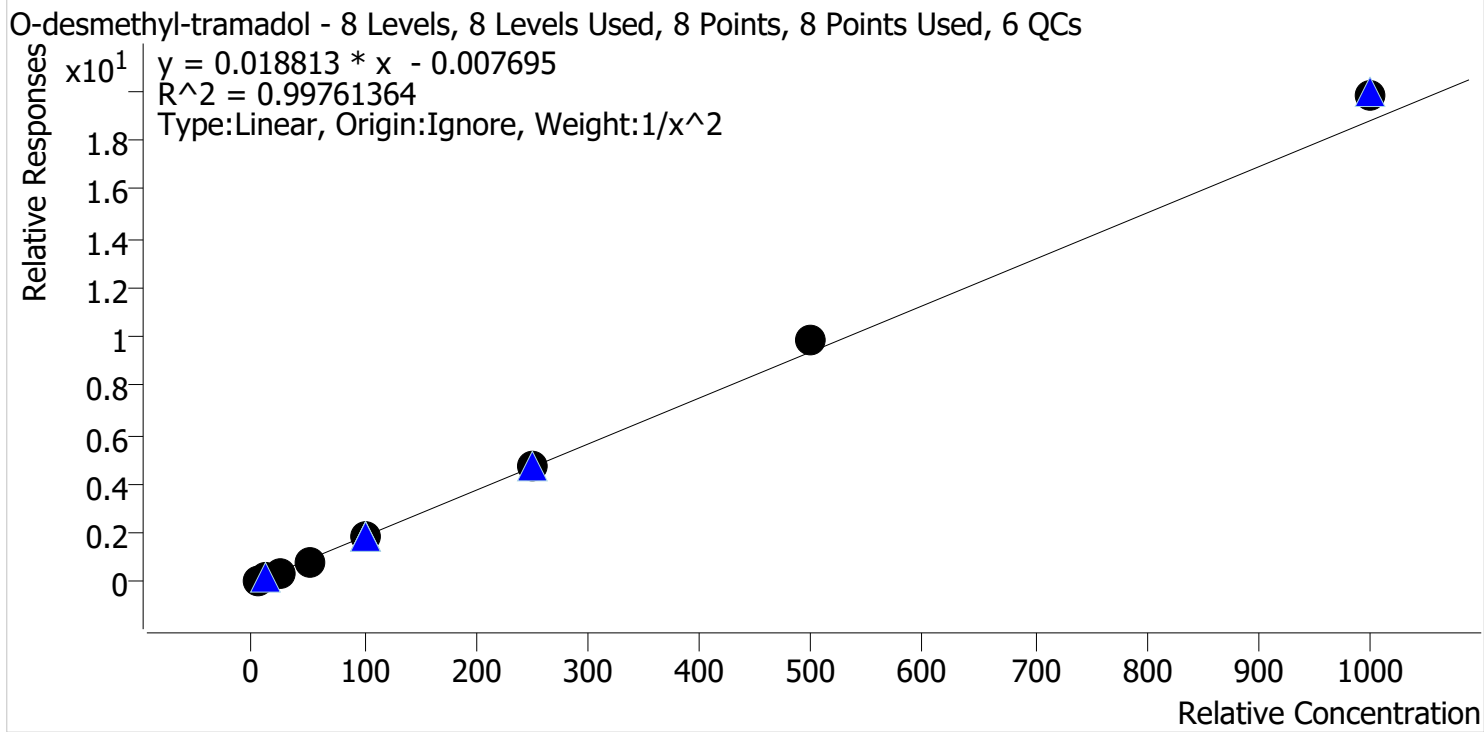
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.3
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng R	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng R	5	✓	100.0	92.7	92.7
p1 Cal 6-250ng R	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1107.7	110.8



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



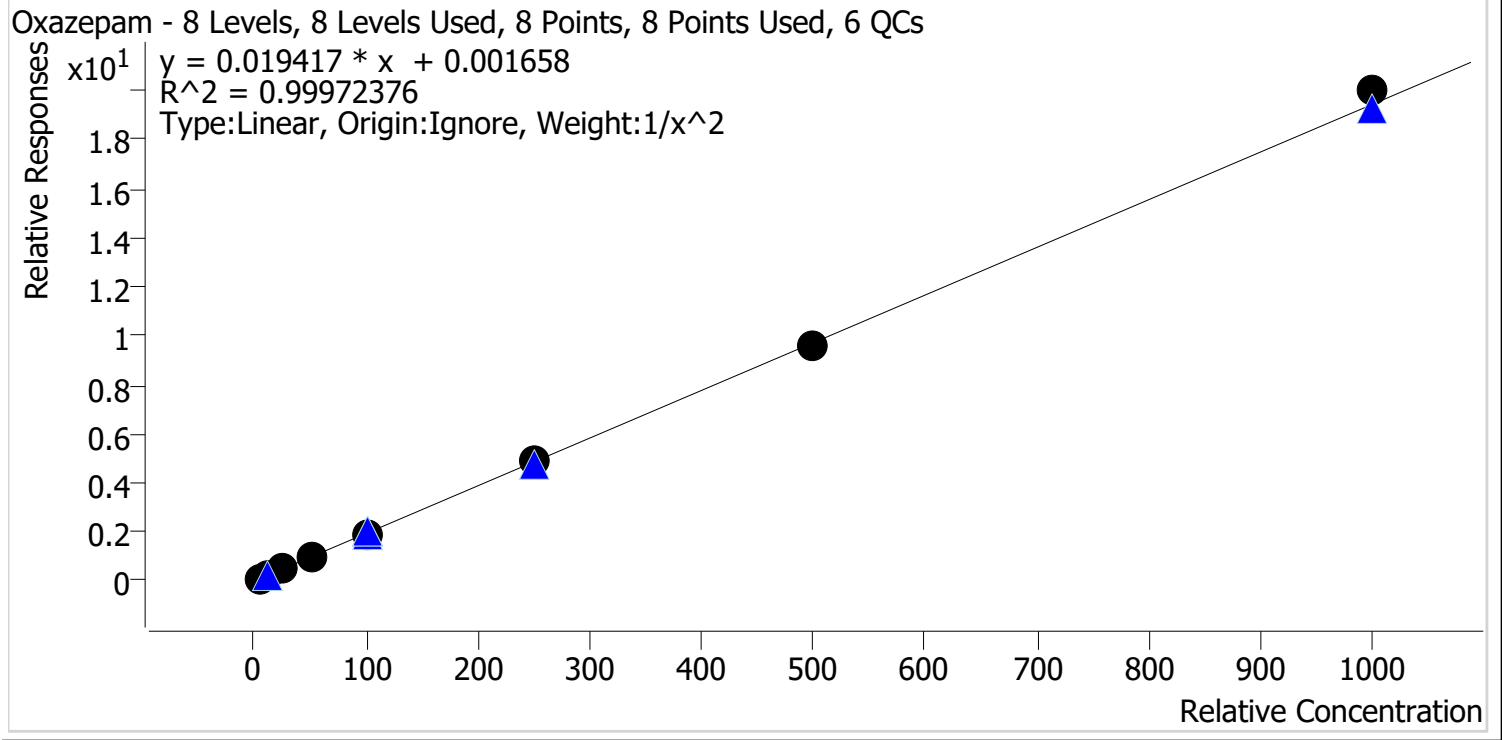
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.0
p1 Cal 4-50ng R	4	✓	50.0	47.4	94.7
p1 Cal 5-100ng R	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng R	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	523.4	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1054.1	105.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



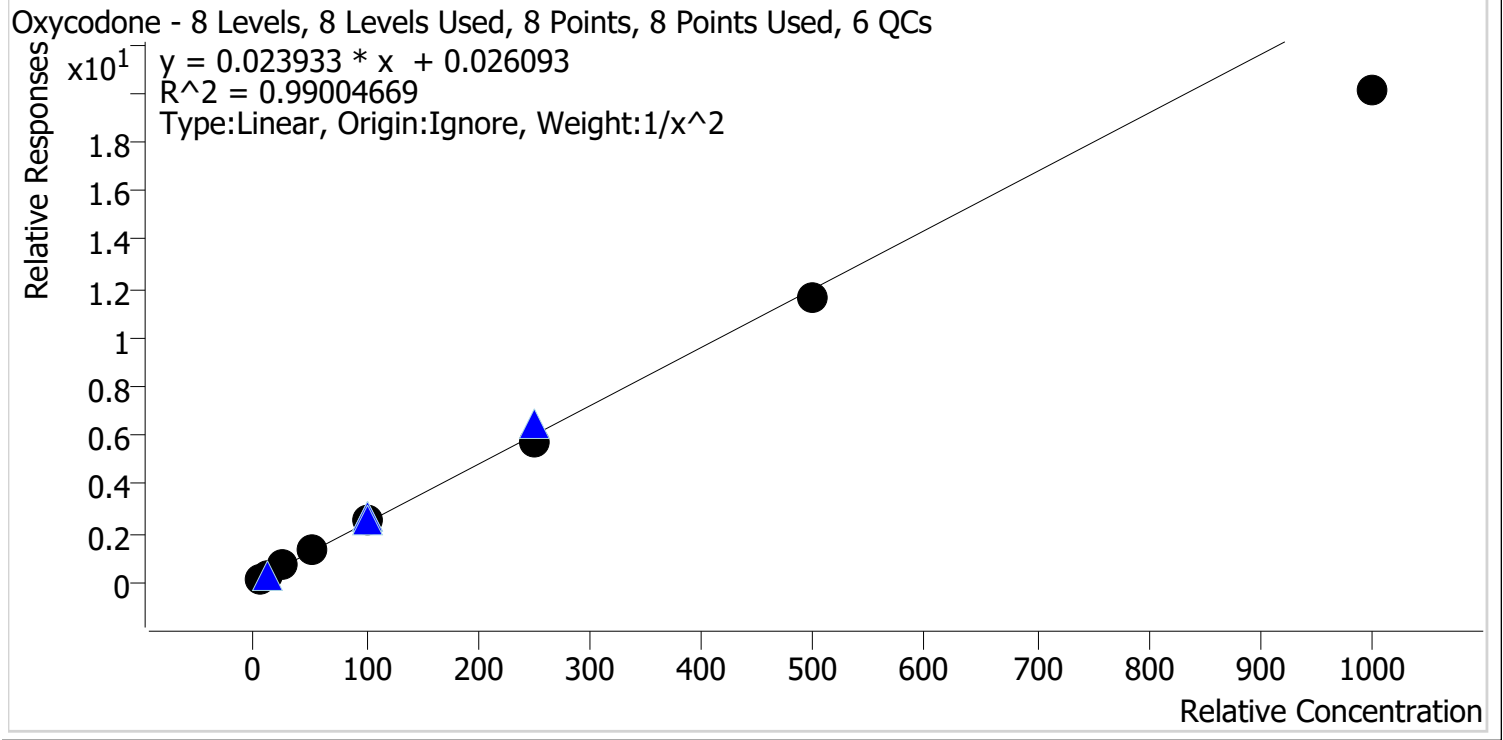
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng R	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng R	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng R	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	492.5	98.5
p1 Cal 8-1000ng	8	✓	1000.0	1029.0	102.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.0
p1 Cal 4-50ng R	4	✓	50.0	53.9	107.9
p1 Cal 5-100ng R	5	✓	100.0	107.7	107.7
p1 Cal 6-250ng R	6	✓	250.0	238.9	95.6
p1 Cal 7-500ng	7	✓	500.0	485.5	97.1
p1 Cal 8-1000ng	8	✓	1000.0	837.0	83.7

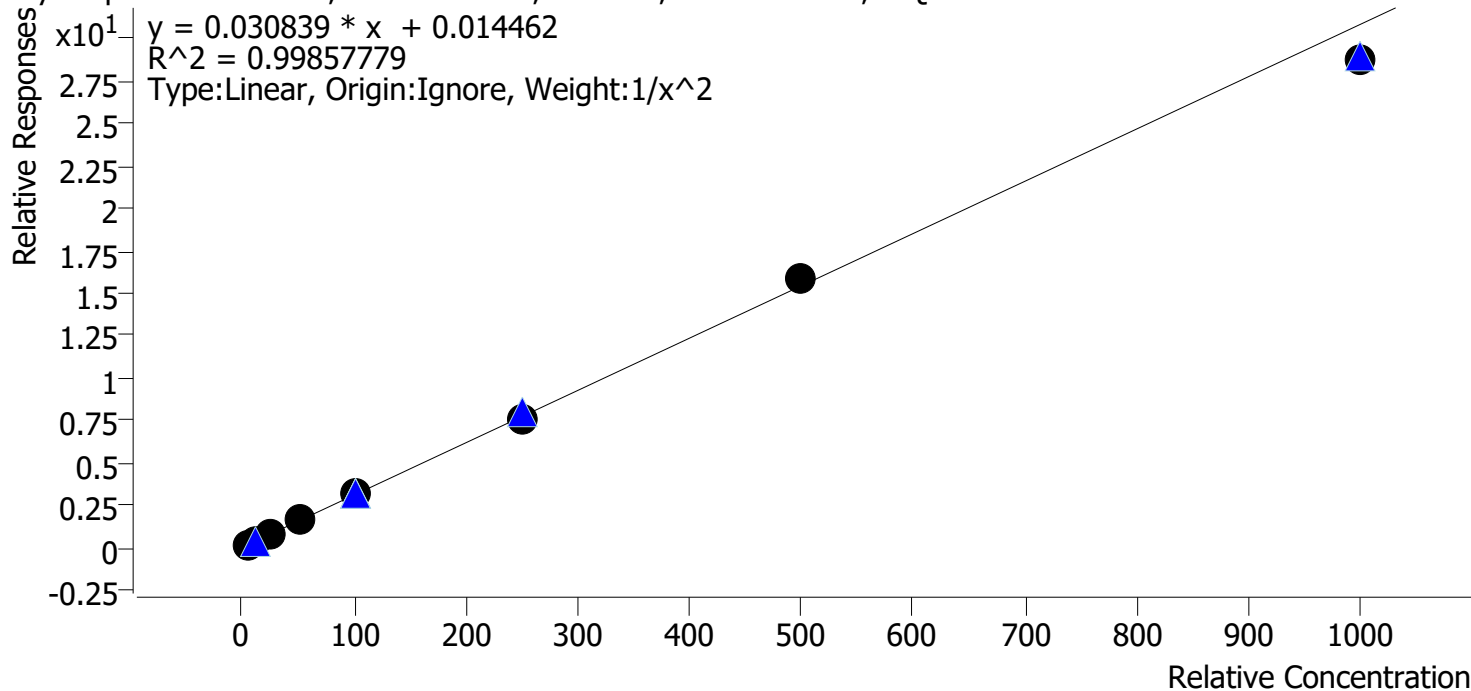


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

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



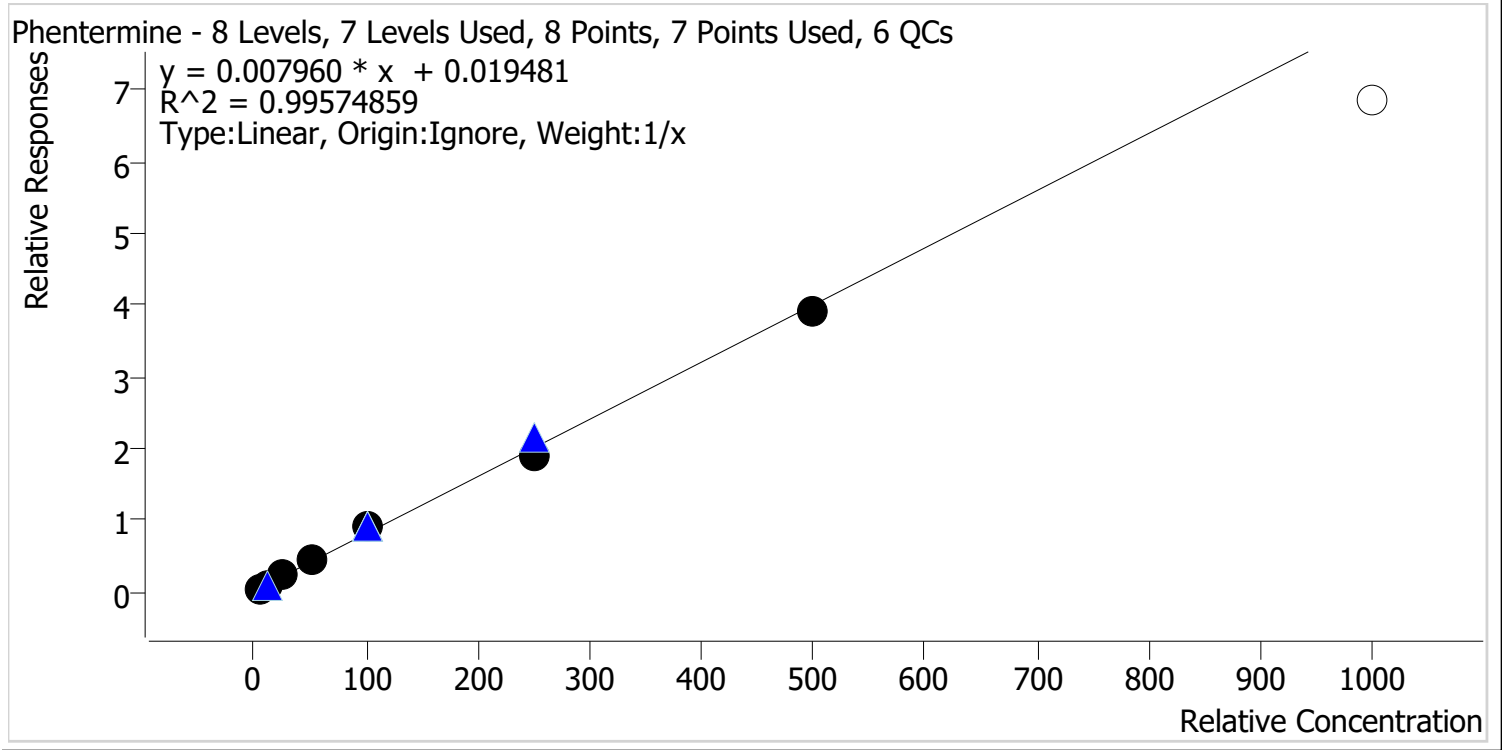
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng R	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng R	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng R	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	515.5	103.1
p1 Cal 8-1000ng	8	✓	1000.0	935.6	93.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



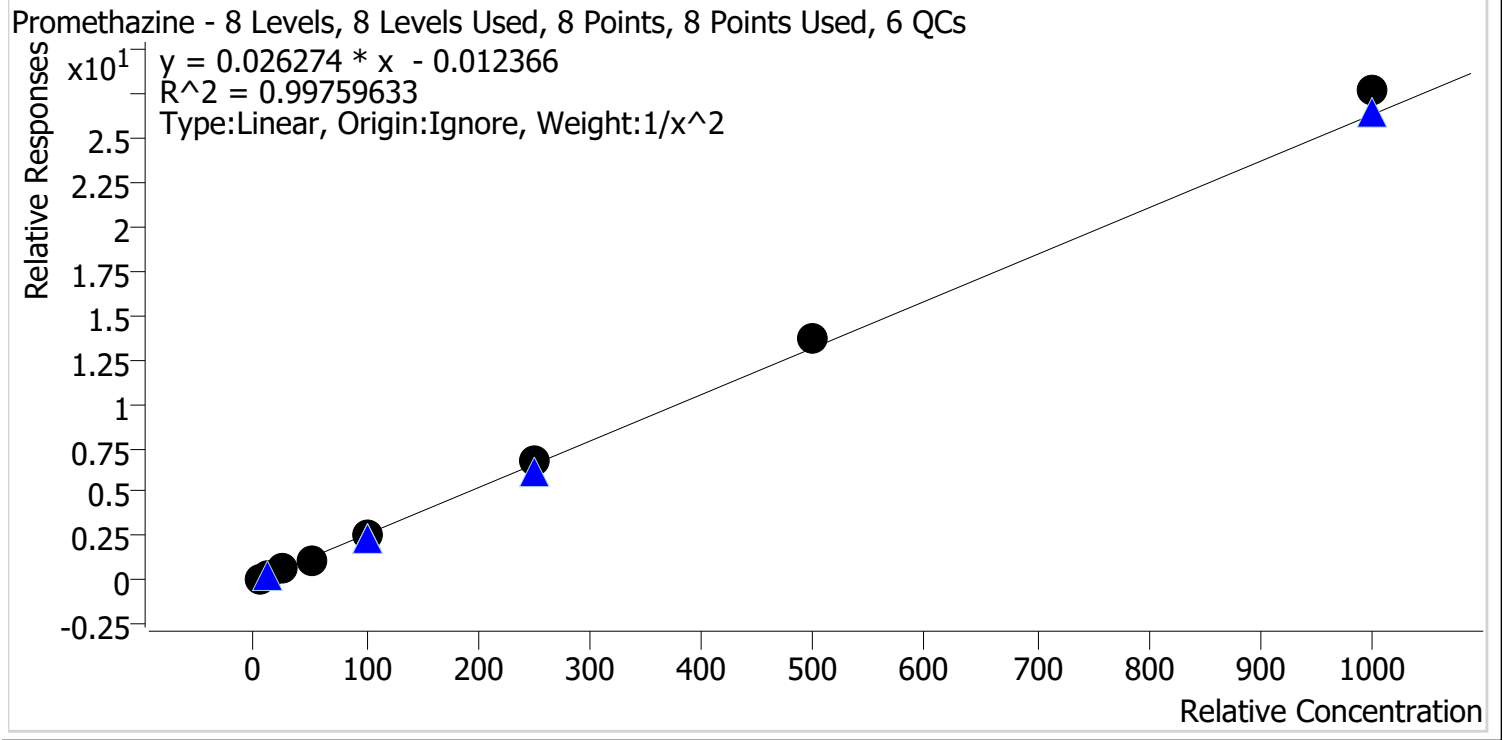
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	3.7	73.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.5
p1 Cal 4-50ng R	4	✓	50.0	57.1	114.1
p1 Cal 5-100ng R	5	✓	100.0	110.9	110.9
p1 Cal 6-250ng R	6	✓	250.0	238.9	95.6
p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng	8	✗	1000.0	857.5	85.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



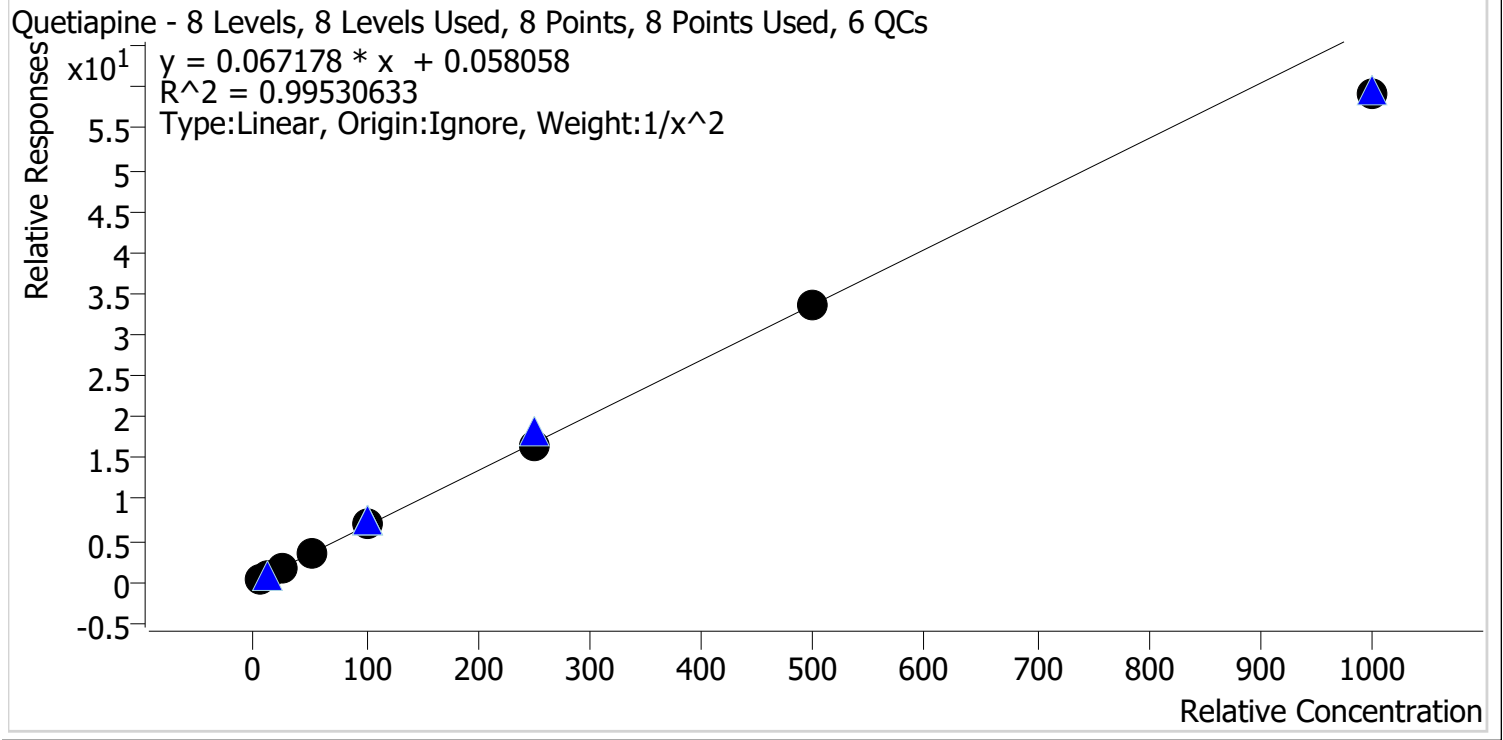
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng R	4	✓	50.0	47.2	94.3
p1 Cal 5-100ng R	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng R	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1051.6	105.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



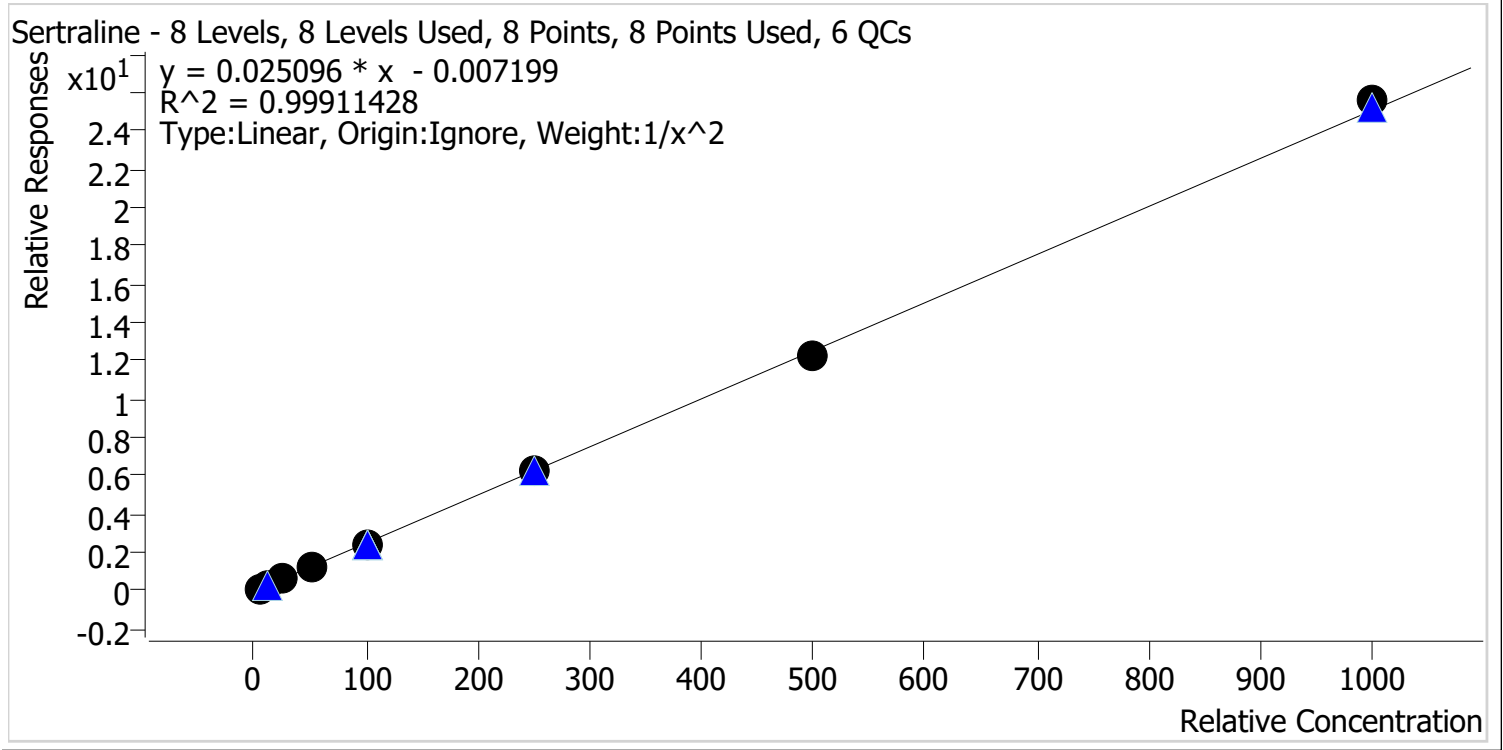
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.0
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.5
p1 Cal 4-50ng R	4	✓	50.0	51.4	102.8
p1 Cal 5-100ng R	5	✓	100.0	102.9	102.9
p1 Cal 6-250ng R	6	✓	250.0	246.9	98.8
p1 Cal 7-500ng	7	✓	500.0	501.5	100.3
p1 Cal 8-1000ng	8	✓	1000.0	879.0	87.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



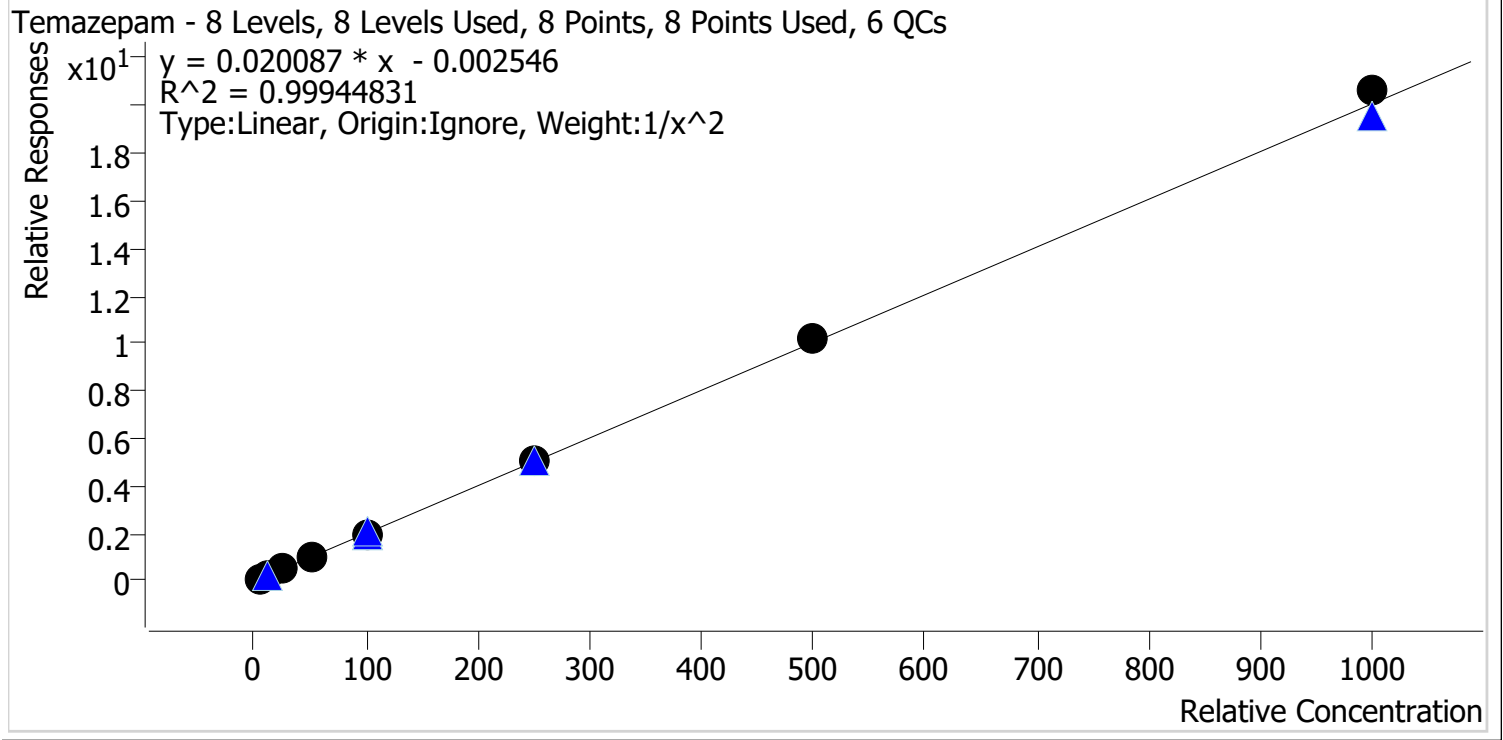
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.6
p1 Cal 4-50ng R	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng R	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng R	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	492.0	98.4
p1 Cal 8-1000ng	8	✓	1000.0	1020.3	102.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



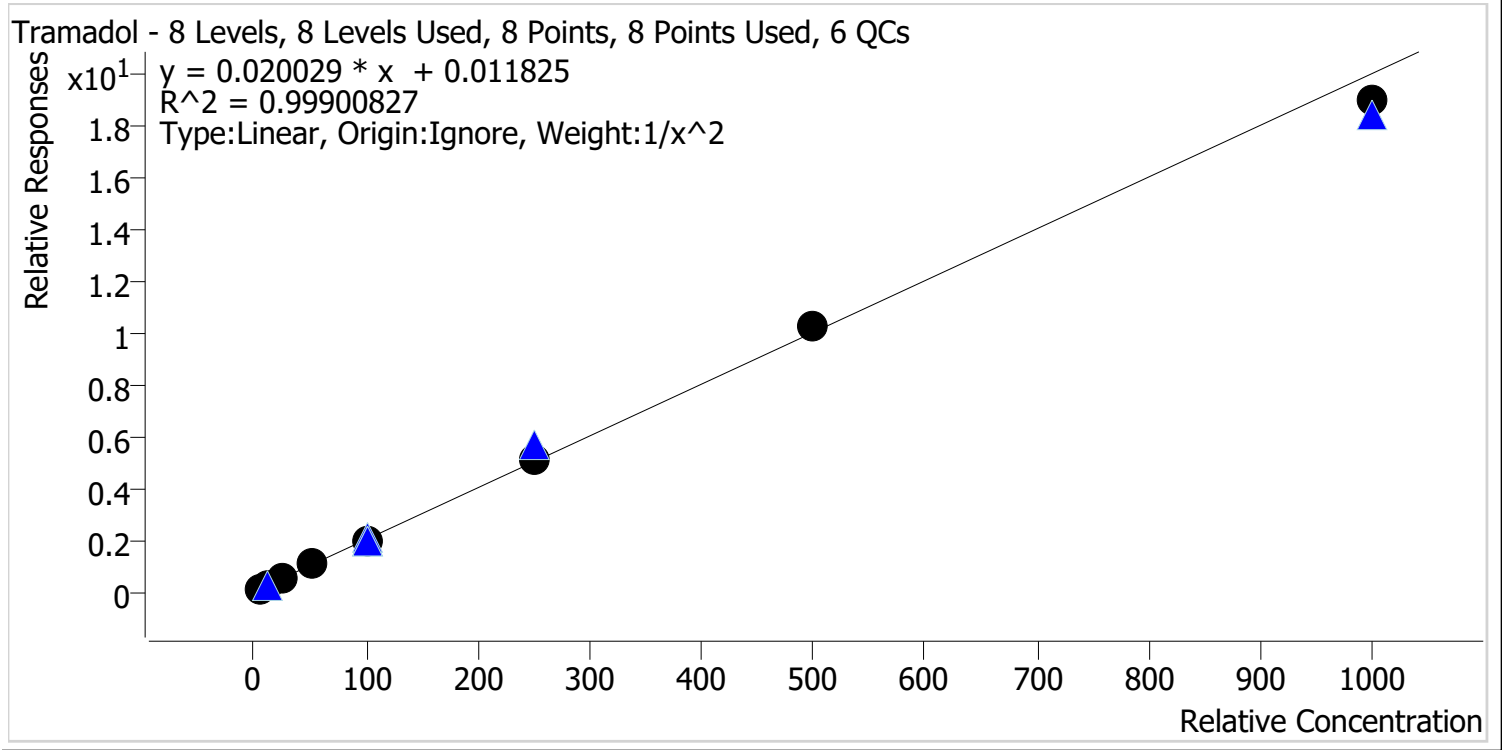
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	97.8
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.1
p1 Cal 4-50ng R	4	✓	50.0	48.6	97.1
p1 Cal 5-100ng R	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng R	6	✓	250.0	254.2	101.7
p1 Cal 7-500ng	7	✓	500.0	505.3	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1027.8	102.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



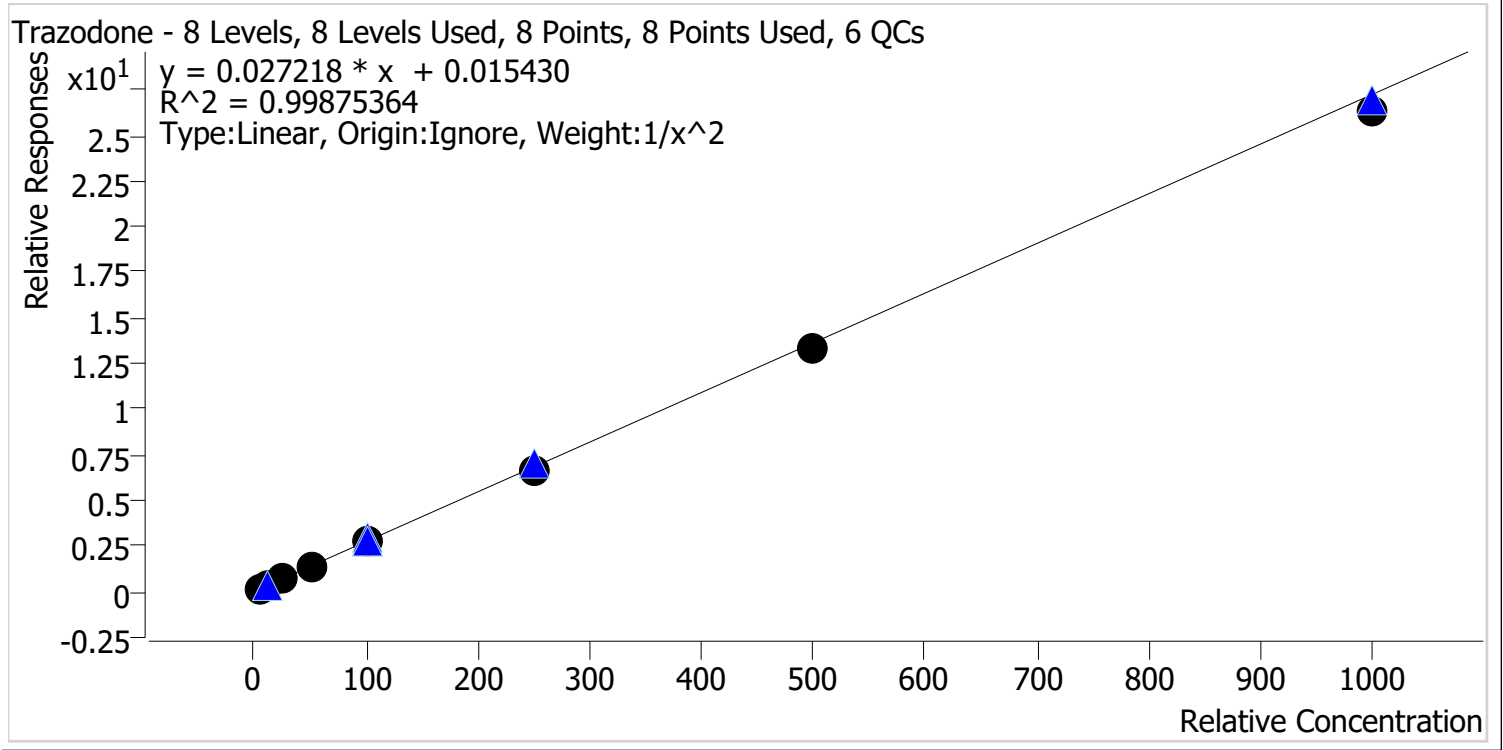
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng R	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng R	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng R	6	✓	250.0	252.3	100.9
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	947.7	94.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



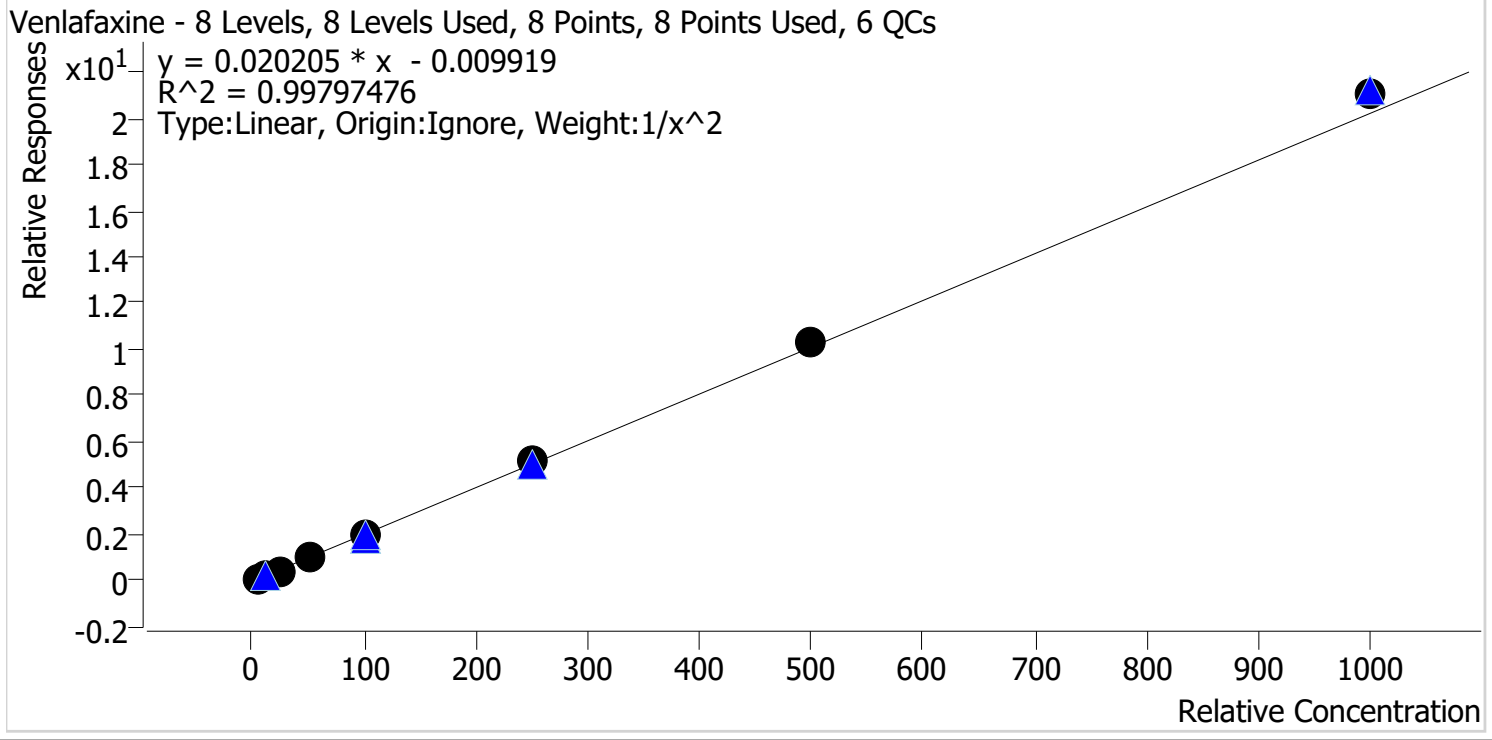
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.4	103.6
p1 Cal 3 -25ng	3	✓	25.0	26.1	104.4
p1 Cal 4-50ng R	4	✓	50.0	50.7	101.5
p1 Cal 5-100ng R	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng R	6	✓	250.0	245.1	98.0
p1 Cal 7-500ng	7	✓	500.0	487.3	97.5
p1 Cal 8-1000ng	8	✓	1000.0	965.7	96.6



SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
Analyst Name ISP\datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.2
p1 Cal 2-10ng	2	✓	10.0	9.7	96.5
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng R	4	✓	50.0	48.0	96.0
p1 Cal 5-100ng R	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng R	6	✓	250.0	258.1	103.2
p1 Cal 7-500ng	7	✓	500.0	513.5	102.7
p1 Cal 8-1000ng	8	✓	1000.0	1044.9	104.5

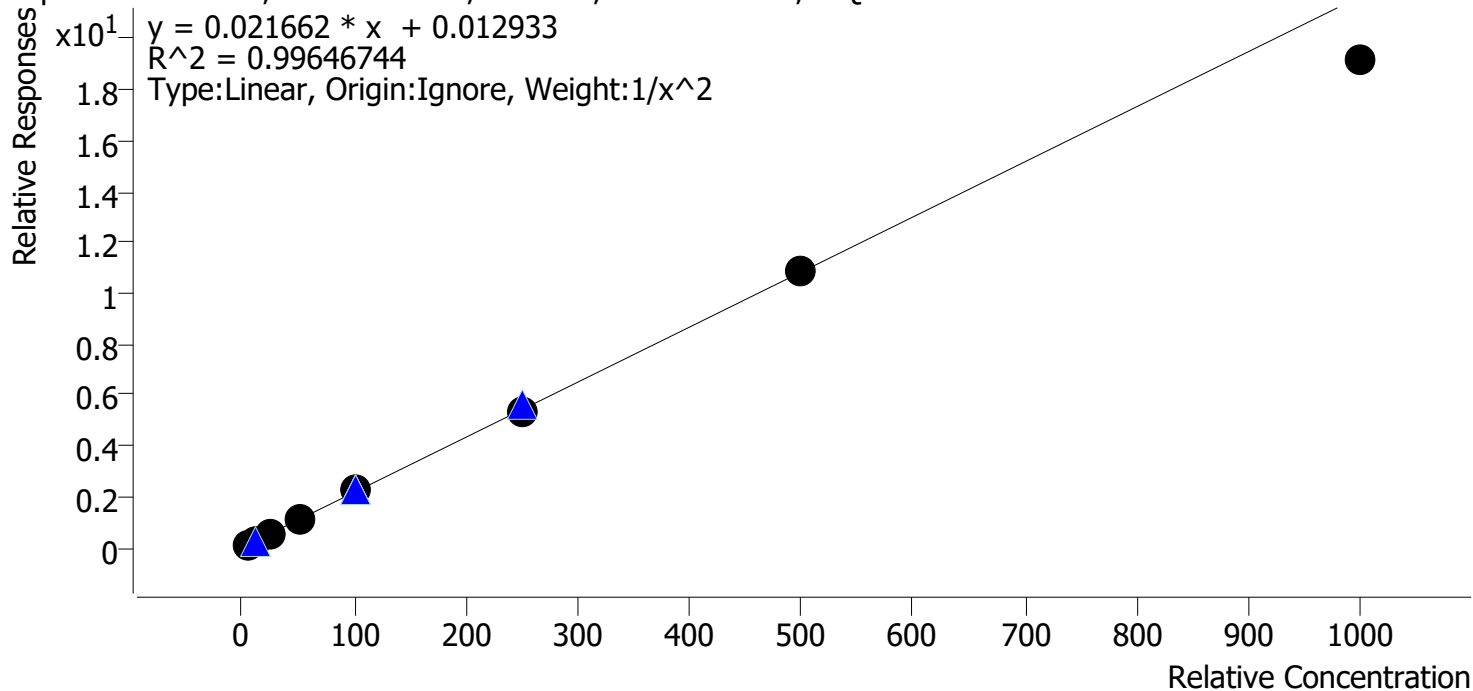


SC

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Last Cal. Update 4/4/2023 11:04 AM
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	98.1
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.3
p1 Cal 4-50ng R	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng R	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng R	6	✓	250.0	249.4	99.7
p1 Cal 7-500ng	7	✓	500.0	498.8	99.8
p1 Cal 8-1000ng	8	✓	1000.0	887.2	88.7

AM #28 Multi-Drug Quant. Results

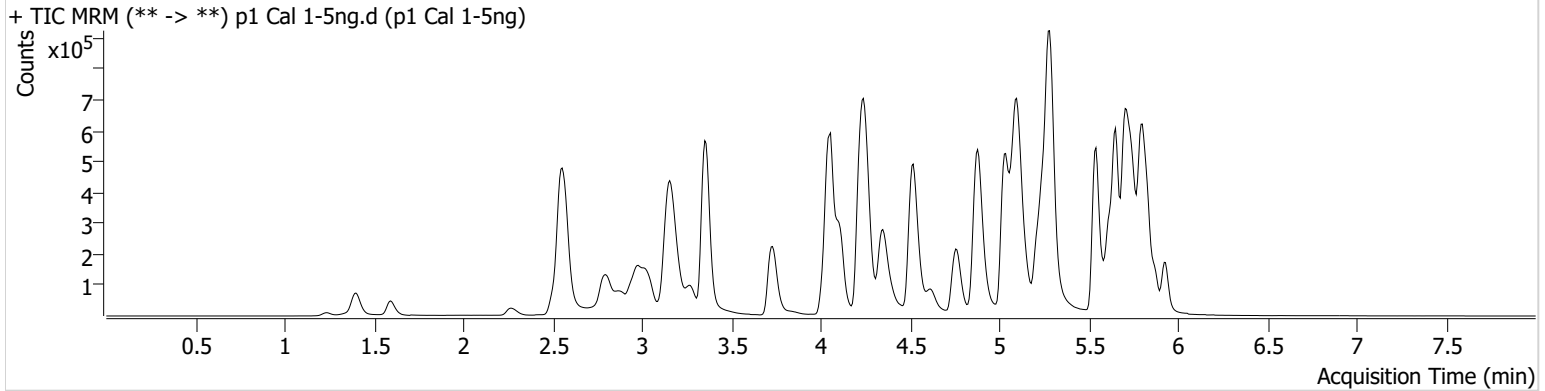
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 1-5ng.d
Type	Cal	Sample	p1 Cal 1-5ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-A1	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 7:25:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	1683	94.92	66.5	1247.87	82403	0.5104 ng/ml
7-aminoclonazepam	4.251	26905	723.56	83.5	899.29	210749	4.8499 ng/ml
alpha-PHP	4.921	25451	78.40	258.2	2088.28	695883	4.9875 ng/ml
alpha-PVP	4.357	92794	266.18	52.1	362.16	695883	5.1022 ng/ml
Alprazolam	5.759	58383	444.32	114.9	521.00	302646	5.0543 ng/ml
Amphetamine	3.030	174822	858.48	43.2	132.01	380737	4.8487 ng/ml
Benzoylcegonine	3.871	2249	12.39	7.4	10.58	13679	5.0308 ng/ml
Buprenorphine	5.817	1867	114.46	15.8	455.91	123763	0.7313 ng/ml
Bupropion	4.778	98533	3020.16	62.3	164.25	619832	5.0308 ng/ml
Carisoprodol	5.714	62029	117795.58	59.7	132.77	541930	5.1629 ng/ml
Chlorpheniramine	5.111	156480	833.37	0.2	15.17	1261154	5.0479 ng/ml
Citalopram	5.218	92016	362.13	38.4	89.95	645740	5.0392 ng/ml
Clonazepam	5.601	62610	210.22	33.9	15816.34	152638	4.9312 ng/ml
Cocaine	4.257	66619	781.25	55.7	165.66	1048488	5.0058 ng/ml
Codeine	2.573	9416	123.54	103.4	92.00	74724	4.6910 ng/ml
Cyclobenzaprine	5.625	69077	1290.64	7.9	12.06	571179	5.0623 ng/ml
Dextromethorphan	5.262	48148	123.59	80.4	23711.01	399475	5.0603 ng/ml
Dextrophan	4.111	29456	390.82	222.1	1824.07	627950	5.1271 ng/ml
Diazepam	5.931	44361	198.47	86.5	200.70	312450	5.0011 ng/ml
Dihydrocodeine	2.545	24302	∞	55.1	199.45	277793	4.6888 ng/ml
Diphenhydramine	5.290	254455	192.55	32.2	3345.28	2007468	5.1157 ng/ml
Doxylamine	4.531	191280	3141.68	99.2	3218.49	1561203	5.1041 ng/ml
Duloxetine	5.644	6758	663.31	14.5	1117.98	58355	5.1481 ng/ml
EDDP	5.255	74745	220.37	43.2	128.27	713999	5.0330 ng/ml
Fentanyl	5.094	7324	151.08	72.7	4265.21	663060	0.4929 ng/ml
Flualprazolam	5.688	26118	959.13	95.9	10824.44	302646	4.7143 ng/ml
Fluorofentanyl	5.149	17730	129.54	41.1	1850.55	6597	0.5148 ng/ml
Fluoxetine	5.704	77929	8911.53	7.4	50.88	538162	5.1582 ng/ml
Hydrocodone	3.013	39566	∞	31.7	56.02	377304	4.8064 ng/ml
Hydromorphone	1.602	23215	555.96	72.3	996.63	138165	5.0908 ng/ml
Hydroxyzine	5.701	84114	2217.42	69.3	1475.53	399475	5.2407 ng/ml
Ketamine	4.036	72574	353.49	40.3	326.73	421429	4.8195 ng/ml
Lamotrigine	4.267	6977	77.26	85.9	89.76	1607501	4.8879 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	53799	425.18	47.3	73.62	690594	4.8199 ng/ml
MDA	3.184	122801	349.72	33.0	45.83	628938	4.6919 ng/ml
MDMA	3.278	62221	768.12	103.9	501.14	153425	5.0607 ng/ml
Meprobamate	4.888	41579	5950.05	29.4	87.01	391373	4.9455 ng/ml
Methadone	5.649	153646	549.17	47.0	495.06	1037705	5.0836 ng/ml
Methamphetamine	3.205	153344	2010.42	32.8	658.74	1045782	4.8563 ng/ml
Metoprolol	4.320	18414	429.66	102.3	5595.92	1389858	4.7617 ng/ml
Mirtazapine	4.620	120244	574.03	50.3	494.36	695883	5.1368 ng/ml
Mitragynine	5.223	26031	15314.29	38.8	11425.41	1037705	4.6437 ng/ml
Morphine	1.240	2994	262.90	19.8	7.34 Low	8820	5.0691 ng/ml
Norbuprenorphine	4.997	474	285.05	103.5	891.99	23988	0.4628 ng/ml
Nordiazepam	5.877	35376	9695.33	63.3	297.92	202133	4.9516 ng/ml
Norfentanyl	4.071	15184	378.11	35.7	107.02	1173368	0.5239 ng/ml
Norhydrocodone	3.054	6234	530.50	38.6	341.33	136324	5.3435 ng/ml
Noroxycodone	2.897	36980	392.32	45.1	579.80	249743	5.1133 ng/ml
O-desmethyl-tramadol	3.359	155003	5545.14	5.7	346.38	1740880	5.1417 ng/ml
o-desmethylvenlafaxine	4.056	211479	7001.23	19.6	351.66	340932	5.2014 ng/ml
Olanzapine	4.461	20784	305.88	54.8	234.44	104015	5.1846 ng/ml
Oxazepam	5.740	68023	63.96	72.5	∞	690594	4.9874 ng/ml
Oxycodone	2.822	74038	491.22	27.3	427.06	527880	4.7702 ng/ml
Oxymorphone	1.398	39480	∞	42.5	364.03	237779	4.9149 ng/ml
Phentermine	3.767	39446	113.77	5.5	11.29	812122	3.6549 ng/ml
Promethazine	5.541	119414	39401.02	32.2	89.49	971871	5.1472 ng/ml
Pseudoephedrine	2.569	206387	324.02	17.0	3344.05	1607501	5.1716 ng/ml
Quetiapine	5.551	102462	150.57	59.6	229.47	266814	4.8523 ng/ml
Sertraline	5.773	21119	66.76	112.3	359.08	178970	4.9888 ng/ml
Temazepam	5.800	109744	809.10	25.9	149.17	1103482	5.0778 ng/ml
Tramadol	4.239	153212	268.20	3.4	25.39	1389858	4.9135 ng/ml
Trazodone	5.134	105047	95934.77	62.9	32228.36	711137	4.8603 ng/ml
Venlafaxine	5.036	145038	1509.85	34.3	199.80	1538004	5.1581 ng/ml
Zolpidem	4.898	161346	758.39	28.6	414.63	1353514	4.9060 ng/ml

AM #28 Multi-Drug Quant. Results

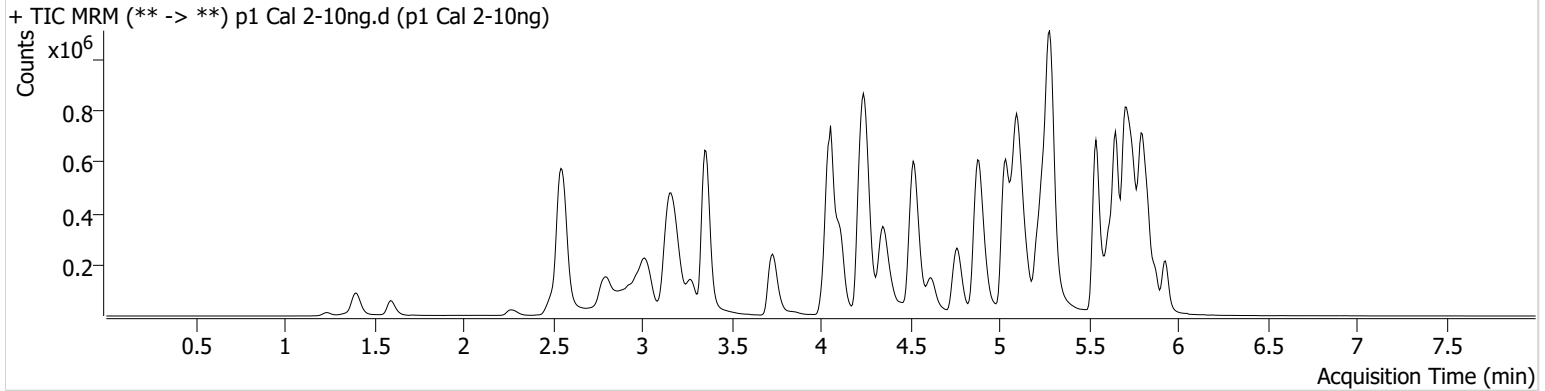
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 7:36:15 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3317	1306.09	70.3	2386.95	87657	0.9724 ng/ml
7-aminoclonazepam	4.251	57076	76807.29	92.5	71825.10	236488	10.0789 ng/ml
alpha-PHP	4.928	50034	1344.89	264.4	31008.72	719143	9.8473 ng/ml
alpha-PVP	4.357	190343	3912.53	52.8	222.15	719143	9.8065 ng/ml
Alprazolam	5.759	119801	382.70	116.3	1837.85	313240	9.9127 ng/ml
Amphetamine	3.023	358759	1475.41	43.7	737.02	395633	10.4073 ng/ml
Benzoylcegonine	3.864	5113	86.37	7.0	19.63	16279	9.8796 ng/ml
Buprenorphine	5.817	4170	134.12	15.1	619.57	134111	1.1872 ng/ml
Bupropion	4.778	202289	300.63	63.3	460.43	642282	9.9258 ng/ml
Carisoprodol	5.714	124485	940.13	59.7	270.91	548247	9.7147 ng/ml
Chlorpheniramine	5.111	318230	3207.04	0.3	34.45	1321024	9.8819 ng/ml
Citalopram	5.218	187701	2413.63	37.8	4843.03	660154	9.9550 ng/ml
Clonazepam	5.594	110242	1157.94	34.2	36332.50	144215	9.8576 ng/ml
Cocaine	4.257	137746	5138.43	54.3	124.31	1088175	10.0343 ng/ml
Codeine	2.559	19119	257.29	108.3	17416.87	76803	10.5271 ng/ml
Cyclobenzaprine	5.625	137263	19693.25	7.5	95.50	540331	10.0943 ng/ml
Dextromethorphan	5.262	96211	9236.66	81.0	325.30	409825	9.8153 ng/ml
Dextrophan	4.111	59157	151.69	222.3	4989.63	652451	9.6658 ng/ml
Diazepam	5.931	89688	406.24	90.0	623.27	324134	9.9622 ng/ml
Dihydrocodeine	2.531	50964	6314.82	55.5	65.12	287830	10.7423 ng/ml
Diphenhydramine	5.290	529730	16066.57	31.0	4154.06	2076485	9.7717 ng/ml
Doxylamine	4.531	395590	3535.59	99.1	20922.17	1632517	9.8080 ng/ml
Duloxetine	5.644	11599	344.75	13.0	32.89	56479	9.4368 ng/ml
EDDP	5.255	176029	3368.00	41.6	1787.85	814645	10.0369 ng/ml
Fentanyl	5.101	15113	457.29	74.6	74.52	699611	0.9978 ng/ml
Flualprazolam	5.688	53977	1525.60	92.2	6026.49	313240	10.5455 ng/ml
Fluorofentanyl	5.149	39075	250.60	39.5	2936.56	6906	0.9877 ng/ml
Fluoxetine	5.704	142439	70472.02	7.9	7917.25	505025	9.6174 ng/ml
Hydrocodone	3.006	80109	174.03	31.5	113.65	389251	10.3086 ng/ml
Hydromorphone	1.602	44918	854.19	76.0	91377.83	139712	9.6670 ng/ml
Hydroxyzine	5.701	166615	6389.92	75.0	93186.83	409825	9.4459 ng/ml
Ketamine	4.036	147502	508.34	40.8	286.13	442984	10.3278 ng/ml
Lamotrigine	4.267	13264	816.81	85.0	1204.24	1677598	10.2197 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	102921	742.26	49.1	165.74	685401	10.4856 ng/ml
MDA	3.184	249742	1126.58	33.4	218.79	651243	10.5546 ng/ml
MDMA	3.278	128501	1459.07	103.6	1321.20	158004	9.8940 ng/ml
Meprobamate	4.895	83692	301.34	29.6	305.17	401967	10.1804 ng/ml
Methadone	5.649	314931	48036.26	45.5	1004.94	1060348	9.8982 ng/ml
Methamphetamine	3.205	309520	927.59	32.8	705.93	1085009	10.2171 ng/ml
Metoprolol	4.320	39968	23196.68	97.3	439.18	1432920	10.6215 ng/ml
Mirtazapine	4.620	253735	1337.88	49.0	877.18	719143	9.7318 ng/ml
Mitragynine	5.230	55866	585.33	38.3	23731.31	1060348	11.0050 ng/ml
Morphine	1.240	6016	1845.82	17.3	195.57	9515	9.4642 ng/ml
Norbuprenorphine	4.990	782	799.40	111.2	3596.04	25973	0.8938 ng/ml
Nordiazepam	5.877	75265	1971.95	63.1	408.39	207337	10.2504 ng/ml
Norfentanyl	4.078	31391	265.69	35.6	162.96	1214741	0.9520 ng/ml
Norhydrocodone	3.060	12455	105.99	38.4	42.90	139651	9.2257 ng/ml
Noroxycodone	2.897	73340	1152.53	44.4	1880.15	251312	9.8382 ng/ml
O-desmethyl-tramadol	3.359	321304	11477.55	5.7	1482.41	1831388	9.7346 ng/ml
o-desmethylvenlafaxine	4.056	435797	41776.92	20.4	622.28	355114	9.5524 ng/ml
Olanzapine	4.461	58629	612.26	56.1	449.56	146258	9.6773 ng/ml
Oxazepam	5.740	134787	234.53	74.3	827.73	685401	10.0423 ng/ml
Oxycodone	2.815	151657	695.04	28.0	337.21	553197	10.3646 ng/ml
Oxymorphone	1.405	80231	641.52	41.4	530.24	243105	10.2326 ng/ml
Phentermine	3.767	82385	929.47	6.2	34.62	849824	9.7321 ng/ml
Promethazine	5.541	241374	12638.32	31.0	1197.28	997622	9.6794 ng/ml
Pseudoephedrine	2.556	422220	252.02	17.3	584.48	1677598	9.6585 ng/ml
Quetiapine	5.551	207216	9072.98	59.6	11100.57	279236	10.1823 ng/ml
Sertraline	5.773	40796	470.09	108.5	4279.43	169455	9.8798 ng/ml
Temazepam	5.800	217612	759.62	27.1	186.07	1122011	9.7820 ng/ml
Tramadol	4.239	311853	∞	3.5	123.03	1432920	10.2757 ng/ml
Trazodone	5.141	216912	13604.83	62.5	7533.69	729566	10.3567 ng/ml
Venlafaxine	5.036	292657	441.60	35.7	756.04	1581055	9.6520 ng/ml
Zolpidem	4.905	326276	2510.92	28.3	1776.34	1401725	10.1485 ng/ml

AM #28 Multi-Drug Quant. Results

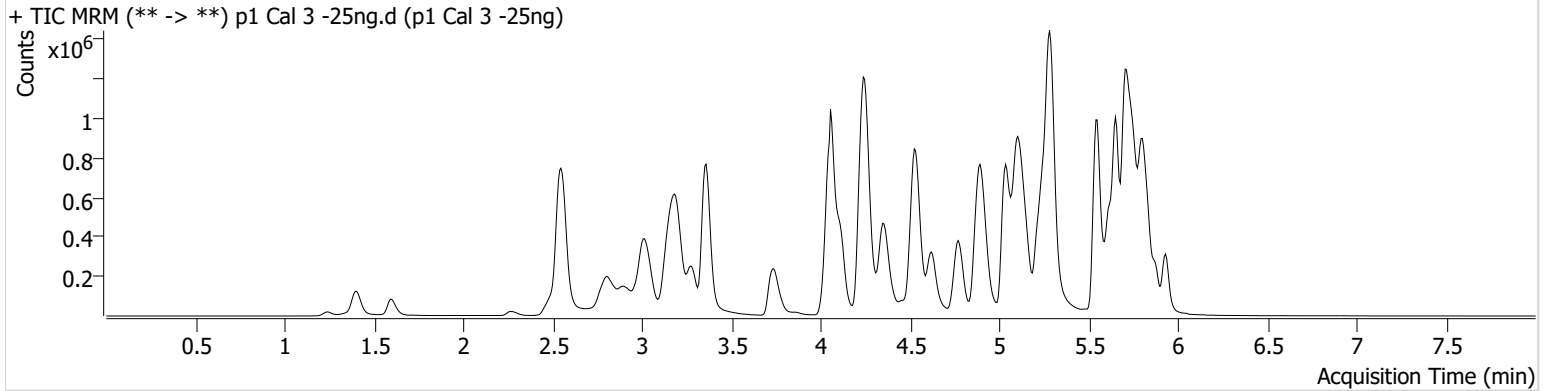
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 7:46:52 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	7987	∞	74.9	400.05	84130	2.4872 ng/ml
7-aminoclonazepam	4.251	138633	9023.51	88.9	3563.57	223208	27.5453 ng/ml
alpha-PHP	4.928	121369	1506.41	260.3	1832.64	684285	25.7213 ng/ml
alpha-PVP	4.357	458302	11035.51	52.3	423.13	684285	24.3160 ng/ml
Alprazolam	5.759	280463	551.47	116.5	814.09	294638	24.5078 ng/ml
Amphetamine	3.016	828440	7066.19	42.6	2284.63	373769	26.6704 ng/ml
Benzoylcegonine	3.864	9736	3142.31	7.6	64.85	12415	25.1088 ng/ml
Buprenorphine	5.817	9569	17576.59	14.3	1536.99	120722	2.5589 ng/ml
Bupropion	4.778	489626	395.50	62.3	4989.05	617305	24.9325 ng/ml
Carisoprodol	5.714	281365	376719.97	60.4	486.71	502559	23.1680 ng/ml
Chlorpheniramine	5.111	766602	4104.19	0.3 High	25.26	1273454	24.8238 ng/ml
Citalopram	5.218	445573	4952.57	37.7 okay; not	12202.37	634757	24.4296 ng/ml
Clonazepam	5.601	298998	963.49	33.0 flagged on	329.39	148123	27.2987 ng/ml
Cocaine	4.257	324268	593.77	55.3 data	985.79	1035982	24.9031 ng/ml
Codeine	2.546	45080	1206.91	106.9	1341.04	71767	28.5323 ng/ml
Cyclobenzaprine	5.625	360969	287389.68	7.6	224.71	589972	23.6217 ng/ml
Dextromethorphan	5.269	234383	142.39	80.3	4324.45	389846	25.0694 ng/ml
Dextrophan	4.111	146723	72258.80	215.6	13215.48	627996	24.4939 ng/ml
Diazepam	5.931	222540	423.14	87.4	260.20	313408	25.9205 ng/ml
Dihydrocodeine	2.518	118913	500.96	55.5	632.82	278356	27.6455 ng/ml
Diphenhydramine	5.290	1271967	65449.99	31.5	221.01	1967250	23.9718 ng/ml
Doxylamine	4.538	946257	3949.04	98.9	1793.53	1581569	23.7859 ng/ml
Duloxetine	5.651	33139	1756.92	14.4	184.00	63985	24.4033 ng/ml
EDDP	5.255	363751	227.35	42.7	499.99	672571	24.6251 ng/ml
Fentanyl	5.094	38019	941.12	68.0	33926.14	671273	2.6735 ng/ml
Flualprazolam	5.688	122953	5357.19	98.3	26005.42	294638	27.1525 ng/ml
Fluorofentanyl	5.156	91338	1586.50	39.8	5603.82	6599	2.2908 ng/ml
Fluoxetine	5.704	377770	11123.96	7.7	42892.75	525681	23.8032 ng/ml
Hydrocodone	3.006	187554	365.96	31.6	216.29	358676	27.5940 ng/ml
Hydromorphone	1.602	110306	214136.81	72.8	5441.20	129640	25.4501 ng/ml
Hydroxyzine	5.701	426608	7452.54	74.3	15919.13	389846	24.2023 ng/ml
Ketamine	4.036	350305	497.85	41.3	474.27	428691	26.9170 ng/ml
Lamotrigine	4.267	29777	620.88	90.1	895.15	1604133	26.1515 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.737	234138	1044.81	48.2	322.50	645458	27.1538 ng/ml
MDA	3.184	576027	435.73	33.1	505.64	598732	28.5753 ng/ml
MDMA	3.278	311495	76350.75	102.4	2826.89	151615	24.6076 ng/ml
Meprobamate	4.895	193858	116.16	28.7	984.24	385752	25.2915 ng/ml
Methadone	5.656	751157	1312.23	46.2	19471.97	1025779	23.9683 ng/ml
Methamphetamine	3.205	735821	4242.08	32.8	702.02	1048988	26.3099 ng/ml
Metoprolol	4.320	94389	92826.26	99.3	465.39	1387860	26.6742 ng/ml
Mirtazapine	4.620	621957	31813.61	49.6	1686.57	684285	23.9246 ng/ml
Mitragynine	5.230	133514	199168.06	35.9	447.84	1025779	28.8600 ng/ml
Morphine	1.247	15084	461.26	17.4	1172.38	8440	26.7963 ng/ml
Norbuprenorphine	4.990	1552	1830.04	117.7	538.27	24261	2.3056 ng/ml
Nordiazepam	5.877	179943	1087.49	62.7	953.23	202746	25.0342 ng/ml
Norfentanyl	4.078	74118	420.29	36.5	1101.85	1157546	2.2191 ng/ml
Norhydrocodone	3.060	27663	110.14	38.6	150.39	122536	21.4256 ng/ml
Noroxycodone	2.890	170500	1265.10	44.2	747.26	234574	24.1366 ng/ml
O-desmethyl-tramadol	3.359	772353	1074.67	5.8	2732.06	1758659	23.7530 ng/ml
o-desmethylvenlafaxine	4.063	1067350	62824.32	19.4	1247.62	339512	23.2923 ng/ml
Olanzapine	4.461	121652	214.28	58.1	229.77	119287	23.5092 ng/ml
Oxazepam	5.740	317466	247.82	77.0	7846.64	645458	25.2448 ng/ml
Oxycodone	2.808	354945	719.90	27.8	5951.33	523265	27.2528 ng/ml
Oxymorphone	1.405	191649	∞	41.6	874.56	238859	25.5484 ng/ml
Phentermine	3.767	194166	1197.93	5.9	186.88	810991	27.6319 ng/ml
Promethazine	5.541	598801	786.67	31.7	463.80	966914	24.0412 ng/ml
Pseudoephedrine	2.556	1012048	734.72	17.2	15289.70	1604133	23.4594 ng/ml
Quetiapine	5.551	501333	17092.22	59.2	181095.71	266618	27.1263 ng/ml
Sertraline	5.773	115473	1107.31	104.6	347.30	176227	26.3962 ng/ml
Temazepam	5.800	520130	270.70	27.3	220.00	1050510	24.7753 ng/ml
Tramadol	4.239	722009	∞	3.6	43.60	1387860	25.3840 ng/ml
Trazodone	5.141	521220	488.48	64.6	497719.69	718052	26.1023 ng/ml
Venlafaxine	5.036	711499	8774.26	35.3	335.25	1522816	23.6147 ng/ml
Zolpidem	4.905	768425	2688.75	28.7	1608.39	1355306	25.5770 ng/ml

AM #28 Multi-Drug Quant. Results

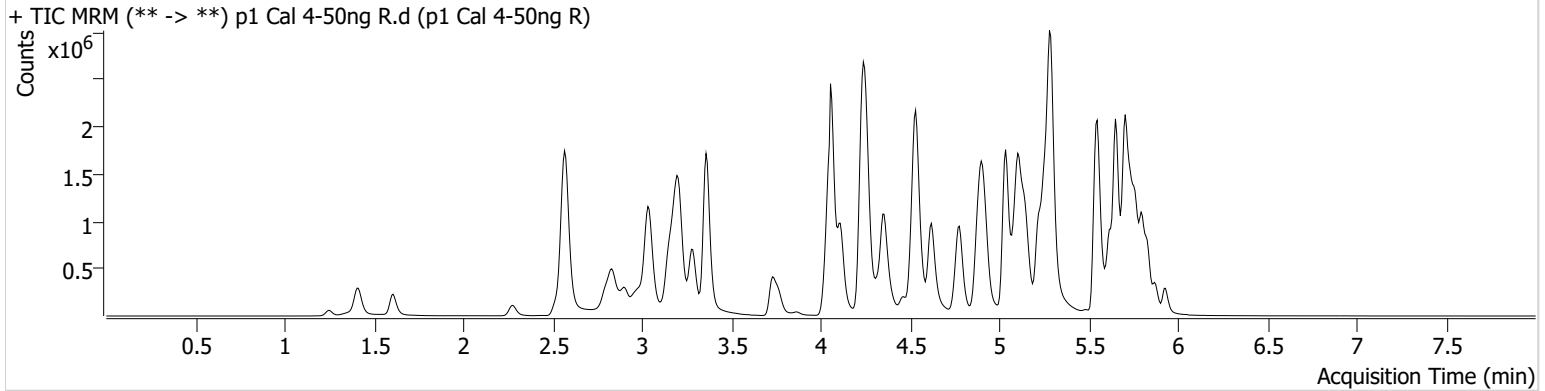
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng R.d
Type	Cal	Sample	p1 Cal 4-50ng R
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 1:56:16 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	20784	232.05	77.0	6802.55	118097	4.6378 ng/ml
7-aminoclonazepam	4.244	294346	9462.33	89.6	15041.36	247934	53.5833 ng/ml
alpha-PHP	4.928	319502	3246.31	256.2	30220.89	909793	51.3184 ng/ml
alpha-PVP	4.357	1197844	16524.74	53.3	102571.81	909793	47.4860 ng/ml
Alprazolam	5.759	610258	3252.07	114.8	642.46	320842	48.8615 ng/ml
Amphetamine	3.037	2151356	2414.48	42.5	1052.15	521366	50.3877 ng/ml
Benzoylcegonine	3.864	30406	1083.71	7.7	81.64	19642	49.8478 ng/ml
Buprenorphine	5.817	22646	∞	15.0	9511.22	140139	4.9031 ng/ml
Bupropion	4.778	1308201	526.35	62.6	664.51	843310	48.7224 ng/ml
Carisoprodol	5.714	388903	547.61	60.7	349.58	329621	48.2302 ng/ml
Chlorpheniramine	5.111	2055922	59521.22	0.3	185.03	1737225	48.8847 ng/ml
Citalopram	5.218	1065989	1205.85	39.3	604.89	757732	48.8593 ng/ml
Clonazepam	5.601	309302	2049.14	33.0	886.97	83496	50.7430 ng/ml
Cocaine	4.257	848168	651.61	55.4	406.74	1381392	48.9098 ng/ml
Codeine	2.580	108704	2416.20	106.8	607.28	95818	52.5741 ng/ml
Cyclobenzaprine	5.625	889160	16412.72	7.2	63.12	719177	47.2325 ng/ml
Dextromethorphan	5.262	584142	74898.91	80.8	252.91	501439	48.5343 ng/ml
Dextrophan	4.111	379056	107012.75	226.2	1687.49	837460	47.2066 ng/ml
Diazepam	5.931	215685	1623.14	86.8	377.77	166937	47.3504 ng/ml
Dihydrocodeine	2.552	301269	11931.38	57.1	17740.03	385517	51.5856 ng/ml
Diphenhydramine	5.290	3269782	1277.10	31.5	31139.33	2532615	47.3507 ng/ml
Doxylamine	4.531	2657600	173338.73	99.2	286203.48	2166830	48.4522 ng/ml
Duloxetine	5.644	73203	4475.20	14.0	386.48	68334	50.8995 ng/ml
EDDP	5.255	871106	34469.83	43.4	302.87	831478	47.3918 ng/ml
Fentanyl	5.094	94934	3056.20	70.3	90704.12	882366	5.1104 ng/ml
Flualprazolam	5.688	270921	1978.30	99.6	4199.31	320842	56.1054 ng/ml
Fluorofentanyl	5.149	226614	454.12	40.7	14927.40	7807	4.7089 ng/ml
Fluoxetine	5.704	728679	1964.64	7.5	220.98	493930	48.3884 ng/ml
Hydrocodone	3.013	474668	264.90	32.8	∞	490678	51.8219 ng/ml
Hydromorphone	1.609	303293	2276847.29	72.3	1642.82	188605	48.0270 ng/ml
Hydroxyzine	5.701	1033867	4863.66	73.7	11239.82	501439	44.9611 ng/ml
Ketamine	4.036	905116	42413.09	40.9	6313.96	586575	51.7885 ng/ml
Lamotrigine	4.274	73685	985.79	86.7	1261.16	2052403	52.0758 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.730	318756	7781.11	47.5	534.91	492909	49.4164 ng/ml
MDA	3.191	1385767	9289.07	33.4	395.63	781308	53.8524 ng/ml
MDMA	3.285	818799	6166.52	103.9	5532.37	203446	47.9618 ng/ml
Meprobamate	4.895	421654	431.54	28.1	454.86	424473	50.4894 ng/ml
Methadone	5.649	1955680	1304.25	45.0	28647.06	1337178	47.5741 ng/ml
Methamphetamine	3.212	2035012	4780.34	32.7	929.42	1452259	53.3698 ng/ml
Metoprolol	4.320	252138	4683.71	101.3	2276.29	1912035	52.2266 ng/ml
Mirtazapine	4.620	1675849	80617.73	49.1	1160.78	909793	47.7397 ng/ml
Mitragynine	5.230	292822	326589.72	36.6	398822.53	1337178	49.3319 ng/ml
Morphine	1.253	42493	579.61	18.0	5758.53	12899	49.4117 ng/ml
Norbuprenorphine	4.990	4065	3896.92	100.6	1333.59	31292	5.0561 ng/ml
Nordiazepam	5.877	239533	905.56	63.8	2361.68	138561	48.7433 ng/ml
Norfentanyl	4.078	194071	626.31	37.4	727.76	1391642	4.7217 ng/ml
Norhydrocodone	3.060	74755	∞	40.0	343.47	142220	48.2146 ng/ml
Noroxycodone	2.904	479964	6687.74	43.3	1877.17	332963	47.6254 ng/ml
O-desmethyl-tramadol	3.366	2075670	2454.71	5.8	291.93	2349197	47.3746 ng/ml
o-desmethylvenlafaxine	4.056	2910947	211596.50	19.4	3511.56	445588	47.5885 ng/ml
Olanzapine	4.461	341471	570.83	56.7	225.40	168892	45.9009 ng/ml
Oxazepam	5.740	475720	672.40	74.5	1206.18	492909	49.6189 ng/ml
Oxycodone	2.828	962273	1248.82	27.6	6057.72	730819	53.9265 ng/ml
Oxymorphone	1.411	511733	∞	42.8	2369.88	328147	50.0987 ng/ml
Phentermine	3.767	525895	27690.89	5.9	846.81	1110098	57.0707 ng/ml
Promethazine	5.541	1417186	1264.88	30.6	7513.59	1155445	47.1531 ng/ml
Pseudoephedrine	2.576	2637620	54074.25	17.1	858.73	2052403	47.2691 ng/ml
Quetiapine	5.551	1227660	46235.11	60.0	561938.78	349599	51.4095 ng/ml
Sertraline	5.773	276639	∞	100.1	558.95	225727	49.1202 ng/ml
Temazepam	5.800	686976	476.93	27.7	332.63	706187	48.5553 ng/ml
Tramadol	4.239	1961029	173.24	3.4	160.14	1912035	50.6173 ng/ml
Trazodone	5.141	1227022	887610.06	66.4	2081.83	878703	50.7375 ng/ml
Venlafaxine	5.036	1949706	13086.88	34.3	7955.41	2031099	47.9994 ng/ml
Zolpidem	4.905	2111006	5125758.28	28.4	8222.36	1836350	52.4719 ng/ml

AM #28 Multi-Drug Quant. Results

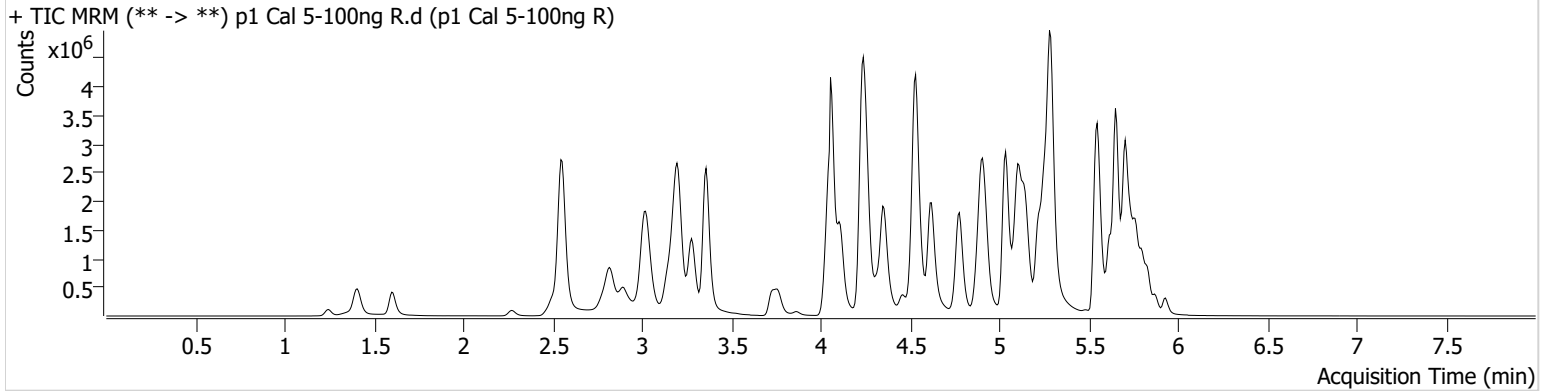
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng R.d
Type	Cal	Sample	p1 Cal 5-100ng R
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 2:07:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	45583	5198.98	71.5	37251.33	118761	10.1521 ng/ml
7-aminoclonazepam	4.244	337638	15295.02	87.0	9982.67	149428	102.9057 ng/ml
alpha-PHP	4.928	676362	9053.79	256.3	20260.50	952682	104.1537 ng/ml
alpha-PVP	4.357	2599569	1589.58	52.6	623.31	952682	98.0657 ng/ml
Alprazolam	5.759	826565	3748.90	112.9	1282.28	214837	98.7229 ng/ml
Amphetamine	3.023	4179478	32713.50	40.6	2963.29	562005	91.4950 ng/ml
Benzoylcegonine	3.864	62754	3081.41	8.0	5675.75	20645	98.1667 ng/ml
Buprenorphine	5.817	46834	42604.54	15.0	759.11	148048	9.3094 ng/ml
Bupropion	4.778	2795106	1036.03	62.1	1143.35	870463	100.8081 ng/ml
Carisoprodol	5.714	447477	160470.39	61.3	453.50	187625	96.9458 ng/ml
Chlorpheniramine	5.111	4419581	9731.38	0.3	265.40	1844245	99.0771 ng/ml
Citalopram	5.218	2130081	110440.01	38.1	281.48	725784	101.8202 ng/ml
Clonazepam	5.601	346525	21270.39	32.6	283766.78	46234	103.4579 ng/ml
Cocaine	4.257	1697994	34445.91	57.0	25149.06	1355579	99.8441 ng/ml
Codeine	2.526	215668	6659.34	96.5	13010.73	91386	110.7612 ng/ml
Cyclobenzaprine	5.618	1844639	1028.05	7.2	286.96	727487	96.3536 ng/ml
Dextromethorphan	5.262	1203497	809.05	79.0	20295.34	511598	97.9646 ng/ml
Dextrophan	4.111	817261	1725.72	218.0	57549.05	847146	100.3195 ng/ml
Diazepam	5.931	261742	672.49	85.4	435.11	96921	99.2188 ng/ml
Dihydrocodeine	2.498	630134	4520.24	55.8	1972.53	383738	109.7434 ng/ml
Diphenhydramine	5.290	6844649	119476.55	30.4	31272.74	2469791	101.0471 ng/ml
Doxylamine	4.531	5778316	113370.59	98.0	155907.85	2257022	100.8190 ng/ml
Duloxetine	5.644	122629	4443.76	14.7	858.60	56743	103.0875 ng/ml
EDDP	5.255	1850918	951.78	42.0	711.08	841585	99.1251 ng/ml
Fentanyl	5.094	190774	307.50	70.4	150.78	906668	10.0281 ng/ml
Flualprazolam	5.688	348164	9569.90	99.4	3528.06	214837	108.7222 ng/ml
Fluorofentanyl	5.149	439567	96418.69	41.4	237311.70	7336	9.6279 ng/ml
Fluoxetine	5.704	1028930	458.74	7.5	397659.45	339549	98.9151 ng/ml
Hydrocodone	3.006	912635	∞	32.8	∞	486135	101.4241 ng/ml
Hydromorphone	1.602	621899	6302883.59	72.7	9816.57	190688	97.3197 ng/ml
Hydroxyzine	5.701	2048695	2570.32	75.7	23937.93	511598	86.6438 ng/ml
Ketamine	4.036	1793064	69250.82	41.2	7214.54	581865	104.5030 ng/ml
Lamotrigine	4.267	127648	5312.73	88.7	2046.04	1949409	96.2999 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.730	371254	7520.50	49.0	581.72	297295	96.6246 ng/ml
MDA	3.184	2480709	9096.41	32.4	1707.87	739646	103.0709 ng/ml
MDMA	3.278	1697942	97776.83	102.8	11275.04	202150	99.8205 ng/ml
Meprobamate	4.888	554385	17890.98	27.9	1415.55	291467	97.1410 ng/ml
Methadone	5.649	4269269	4352.16	44.4	55084.48	1373906	100.7438 ng/ml
Methamphetamine	3.205	4245965	37392.59	31.8	1761.77	1533295	106.2627 ng/ml
Metoprolol	4.320	503317	176279.91	100.7	56137.09	1992154	100.5561 ng/ml
Mirtazapine	4.620	3550823	22659.87	48.2	770.33	952682	95.8546 ng/ml
Mitragynine	5.230	489079	357780.68	36.8	162883.52	1373906	80.9043 ng/ml
Morphine	1.247	89759	1136.95	17.6	253.73	13536	99.4889 ng/ml
Norbuprenorphine	4.990	8307	15264.55	105.3	13478.55	33064	10.1164 ng/ml
Nordiazepam	5.877	274332	535.60	64.3	7847.30	78506	98.5103 ng/ml
Norfentanyl	4.071	384953	1171.06	36.7	2405.12	1256229	10.2622 ng/ml
Norhydrocodone	3.054	143050	540.90	40.3	91.80	127162	101.7547 ng/ml
Noroxycodone	2.890	847502	7450.17	43.7	2709.06	301416	92.6625 ng/ml
O-desmethyl-tramadol	3.359	4332489	60338.50	5.7	971.44	2358306	98.0602 ng/ml
o-desmethylvenlafaxine	4.056	5867104	103761.30	19.2	1962.93	432942	97.9071 ng/ml
Olanzapine	4.455	628771	1209.05	57.2	858.44	147060	96.2660 ng/ml
Oxazepam	5.740	569622	1637.94	75.5	227.22	297295	98.5899 ng/ml
Oxycodone	2.815	1933349	2509.68	27.4	2744.87	742548	107.7006 ng/ml
Oxymorphone	1.405	996161	832.95	42.7	684.63	313785	102.4738 ng/ml
Phentermine	3.767	1022399	3131.84	6.0	1129.99	1132937	110.9299 ng/ml
Promethazine	5.541	2891879	74046.06	30.4	920.63	1135104	97.4369 ng/ml
Pseudoephedrine	2.556	5265318	109460.76	16.8	156705.32	1949409	98.7959 ng/ml
Quetiapine	5.551	2370998	5006.86	61.3	346.50	340283	102.8565 ng/ml
Sertraline	5.773	513164	997.46	101.5	527.24	208841	98.1972 ng/ml
Temazepam	5.800	797830	812.07	28.3	757.21	402058	98.9140 ng/ml
Tramadol	4.232	3936883	7743.84	3.5	180.13	1992154	98.0778 ng/ml
Trazodone	5.141	2413258	2013.24	67.1	471.87	870656	101.2692 ng/ml
Venlafaxine	5.036	4183964	1555.46	33.9	10551.11	2092718	99.4396 ng/ml
Zolpidem	4.898	4189863	260809.49	27.8	1205.64	1833240	104.9115 ng/ml

AM #28 Multi-Drug Quant. Results

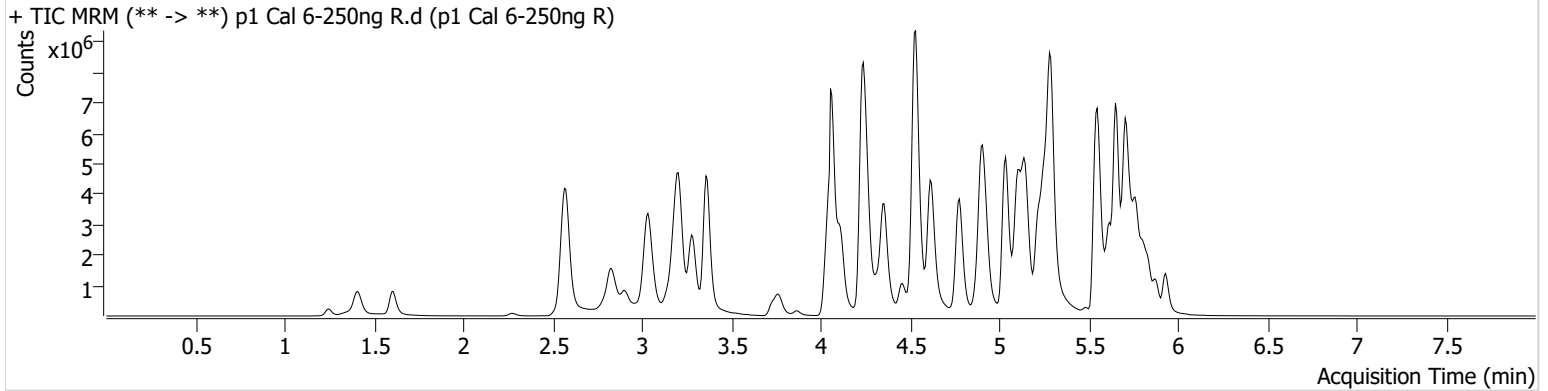
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\033023 AM 27 28 SC TS\QuantResults\AM 28 SC.batch.bin
Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng R.d
Type	Cal	Sample	p1 Cal 6-250ng R
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	3/31/2023 2:17:41 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	108085	9472.77	71.5	147711.02	114504	25.0131 ng/ml
7-aminoclonazepam	4.244	845084	39167.72	89.0	10331.80	174078	222.2672 ng/ml
alpha-PHP	4.928	1428880	24259.99	257.3	90185.65	837645	250.8121 ng/ml
alpha-PVP	4.357	5844734	98290.58	52.0	1204.51	837645	250.2583 ng/ml
Alprazolam	5.759	2331203	2741.74	113.9	621.12	240390	248.6690 ng/ml
Amphetamine	3.037	7256734	3065.01	40.4	3042.41	482719	185.8250 ng/ml
Benzoylcegonine	3.864	156608	2116.18	8.1	496.65	20315	249.4172 ng/ml
Buprenorphine	5.817	120519	60810.50	14.8	22716.79	134299	25.8540 ng/ml
Bupropion	4.778	6626103	193006.52	60.7	2722.68	827938	251.1878 ng/ml
Carisoprodol	5.714	1077752	620.63	60.3	181.29	165906	263.1372 ng/ml
Chlorpheniramine	5.104	10307736	45238.35	0.3	595.98	1697792	251.1416 ng/ml
Citalopram	5.218	4631851	52689.12	39.3	49140.62	635561	252.6892 ng/ml
Clonazepam	5.594	1612049	32248.58	32.1	19575.25	90084	248.0867 ng/ml
Cocaine	4.257	3496744	1354.83	55.6	179080.73	1115081	250.0519 ng/ml
Codeine	2.580	342307	4175.98	103.6	311.33	72510	222.8582 ng/ml
Cyclobenzaprine	5.618	4281042	68182.12	7.1	227.51	631921	256.6161 ng/ml
Dextromethorphan	5.262	2359844	38902.67	77.7	526.31	388454	252.9183 ng/ml
Dextrophan	4.111	1768124	2288.01	221.4	86921.37	720233	254.8790 ng/ml
Diazepam	5.931	1478078	3986.72	88.7	3414.09	220954	246.1096 ng/ml
Dihydrocodeine	2.545	1196029	362.91	56.0	11759.42	383523	209.5150 ng/ml
Diphenhydramine	5.290	14528178	110990.24	30.3	156572.42	2012748	262.3503 ng/ml
Doxylamine	4.531	14041672	502376.36	96.6	149551.47	2136308	258.3806 ng/ml
Duloxetine	5.644	276880	1160.87	15.0	2957.62	53076	249.3997 ng/ml
EDDP	5.255	4350530	61104.55	42.2	994.07	793712	246.5502 ng/ml
Fentanyl	5.094	448841	22931.40	69.5	373776.46	894287	23.9691 ng/ml
Flualprazolam	5.688	802136	10284.01	101.5	47261.59	240390	225.0618 ng/ml
Fluorofentanyl	5.149	1164183	9284.97	41.6	1734.32	7415	25.0853 ng/ml
Fluoxetine	5.711	2789185	758.73	7.6	857.32	356929	254.3634 ng/ml
Hydrocodone	3.006	1995935	∞	32.9	356.83	461196	234.9966 ng/ml
Hydromorphone	1.609	1443268	2238729.70	72.8	6123535.79	175794	244.8675 ng/ml
Hydroxyzine	5.701	4800735	29859.20	75.7	67636.44	388454	265.8898 ng/ml
Ketamine	4.036	3699238	278761.04	40.1	5860.70	526707	239.5588 ng/ml
Lamotrigine	4.274	256641	5808.87	86.6	1437.77	1463692	260.5514 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.730	665693	1711.18	48.7	602.78	236961	218.9807 ng/ml
MDA	3.178	3923926	5574.45	31.6	4424.45	571712	212.3785 ng/ml
MDMA	3.278	3622653	30318.49	103.8	13461.56	170756	251.7420 ng/ml
Meprobamate	4.888	1233152	27161.42	28.2	336.29	357839	176.4115 ng/ml
Methadone	5.649	9859386	5408.19	43.5	3414.23	1227905	259.8487 ng/ml
Methamphetamine	3.205	8980074	101667.96	31.1	61329.82	1489657	232.2831 ng/ml
Metoprolol	4.320	1007845	1337.66	101.4	172800.53	1646270	244.4271 ng/ml
Mirtazapine	4.613	8405427	17059.19	47.1	131406.68	837645	256.8366 ng/ml
Mitragynine	5.223	1381719	1680698.96	37.4	238154.21	1227905	258.2019 ng/ml
Morphine	1.247	210717	303.79	16.9	4282.45	12513	252.6934 ng/ml
Norbuprenorphine	4.990	21268	18098.02	97.9	317.95	32650	26.8051 ng/ml
Nordiazepam	5.877	1237784	∞	63.5	1319.62	139718	249.7182 ng/ml
Norfentanyl	4.078	712578	19373.06	37.3	4632.89	827217	28.6766 ng/ml
Norhydrocodone	3.060	310491	510.92	40.7	3409.22	109152	255.3756 ng/ml
Noroxycodone	2.904	1601782	15768.04	43.4	406.73	215010	245.1056 ng/ml
O-desmethyl-tramadol	3.366	10020649	107749.42	5.6	1058.71	2094128	254.7598 ng/ml
o-desmethylvenlafaxine	4.056	12488401	155550.21	18.5	6038.92	342991	261.7811 ng/ml
Olanzapine	4.455	1890534	1332.88	57.9	37313.41	169803	249.5218 ng/ml
Oxazepam	5.740	1146479	245.29	74.9	16949.89	236961	249.0863 ng/ml
Oxycodone	2.822	3920959	∞	27.5	5380.02	682558	238.9364 ng/ml
Oxymorphone	1.405	2025073	1486.48	42.8	1196.81	267937	244.6097 ng/ml
Phentermine	3.767	1997065	∞	5.8	8361.14	1039441	238.9339 ng/ml
Promethazine	5.541	7729237	175880.76	29.1	31488.79	1148796	256.5472 ng/ml
Pseudoephedrine	2.576	10259100	235328.44	16.5	78851.82	1463692	255.5798 ng/ml
Quetiapine	5.551	5024352	69774.48	60.3	129417.88	301892	246.8804 ng/ml
Sertraline	5.773	1215968	25185.78	101.2	746.89	196057	247.4173 ng/ml
Temazepam	5.800	2370449	30552.64	28.5	934.32	464512	254.1732 ng/ml
Tramadol	4.232	8338650	1932.37	3.6	274.40	1646270	252.3057 ng/ml
Trazodone	5.141	5945730	569889.62	69.4	132140.48	889175	245.1091 ng/ml
Venlafaxine	5.036	9489038	58872.94	32.4	1581.32	1823238	258.0705 ng/ml
Zolpidem	4.898	9556249	4083.15	27.4	657261.31	1764962	249.3563 ng/ml

AM #28 Multi-Drug Quant. Results

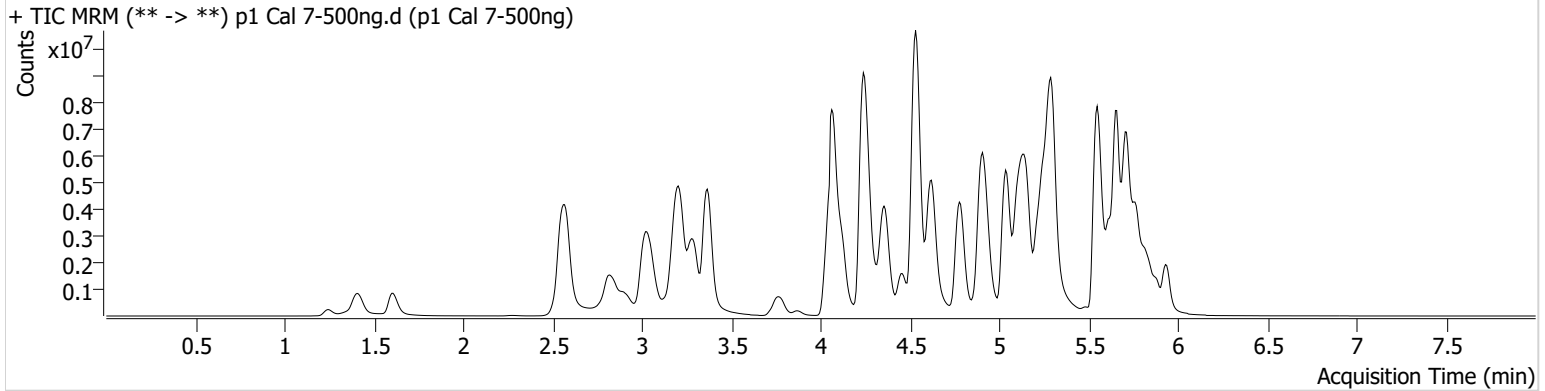
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 8:29:19 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	153914	1100.19	70.5	1787.70	78911	51.7184 ng/ml
7-aminoclonazepam	4.251	1107359	1069.43	87.9	12599.61	109232	465.2610 ng/ml
alpha-PHP	4.928	1898366	6287.16	257.7	19556.16	559018	499.7008 ng/ml
alpha-PVP	4.363	8112477	402943.23	51.6	1008.64	559018	520.1369 ng/ml
Alprazolam	5.759	2938614	2358.76	111.9	739.23	145862	516.4873 ng/ml
Amphetamine	3.034	9147705	24645.09	40.2	28040.65	317301	357.1511 ng/ml
Benzoylcegonine	3.871	219272	1668.37	8.0	861.25	13842	512.8202 ng/ml
Buprenorphine	5.817	164428	8691.10	15.4	30463.48	97249	48.4455 ng/ml
Bupropion	4.778	9214866	106943.83	61.4	72610.35	570697	506.7400 ng/ml
Carisoprodol	5.721	1274732	238.98	59.6	307.81	104163	495.2418 ng/ml
Chlorpheniramine	5.112	13998646	37568.89	0.3	805.66	1125395	514.6328 ng/ml
Citalopram	5.218	5828681	24166.18	39.0	598.36	399340	505.9772 ng/ml
Clonazepam	5.594	2216916	55220.02	33.0	6112.09	62143	495.3444 ng/ml
Cocaine	4.264	4647713	1113.77	56.2	442.55	735295	504.0862 ng/ml
Codeine	2.566	464694	2086.17	105.3	3694.38	46377	474.4662 ng/ml
Cyclobenzaprine	5.618	5264368	112996.65	6.9	682.42	384162	518.5721 ng/ml
Dextromethorphan	5.262	2913251	665.34	77.2	50273.81	236177	513.4970 ng/ml
Dextrophan	4.118	2328961	81582.27	223.3	36556.81	476395	507.3024 ng/ml
Diazepam	5.938	2670082	985.51	90.9	10642.60	192887	509.5207 ng/ml
Dihydrocodeine	2.525	1716261	342.64	57.4	621.81	252834	457.4900 ng/ml
Diphenhydramine	5.297	17832173	127794.83	30.4	2486.57	1264994	511.8671 ng/ml
Doxylamine	4.535	19552632	321582.41	96.5	593920.11	1442851	532.3962 ng/ml
Duloxetine	5.651	303906	5770.01	14.8	532.85	29156	498.7275 ng/ml
EDDP	5.255	6988426	115899.45	42.4	34122.06	617926	508.3576 ng/ml
Fentanyl	5.094	563798	209190.81	71.2	145.02	535512	50.3183 ng/ml
Flualprazolam	5.688	870569	10056.47	106.6	6728.09	145862	403.4568 ng/ml
Fluorofentanyl	5.156	1528797	14674.96	42.5	3738.77	4710	51.7658 ng/ml
Fluoxetine	5.711	3260877	71306.71	7.4	251.58	208552	508.5013 ng/ml
Hydrocodone	3.006	2608929	3522.97	33.6	∞	294150	482.5630 ng/ml
Hydromorphone	1.609	2013669	1507963.20	72.6	76604.64	116215	516.6966 ng/ml
Hydroxyzine	5.701	5914184	36418.07	78.1	62608.93	236177	538.0109 ng/ml
Ketamine	4.036	4968286	127175.61	40.1	3633.27	344082	493.6497 ng/ml
Lamotrigine	4.281	304367	3412.76	86.9	1493.79	999195	453.8336 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lorazepam	5.730	571729	46827.71	49.3	250.57	99467	449.3883 ng/ml
MDA	3.178	4639436	51028.04	31.0	4274.72	318049	452.9400 ng/ml
MDMA	3.285	4925719	90518.77	102.9	8959.59	114939	508.2594 ng/ml
Meprobamate	4.888	1497555	24580.02	27.3	8211.38	217482	353.0061 ng/ml
Methadone	5.656	12726755	1605.54	44.2	63950.65	800427	514.2627 ng/ml
Methamphetamine	3.212	11919610	1890.25	31.2	34715.58	1027518	447.7409 ng/ml
Metoprolol	4.320	1208077	15859.56	101.9	1347.40	1084080	445.3711 ng/ml
Mirtazapine	4.620	11371785	136593.24	47.7	8029.14	559018	519.9204 ng/ml
Mitragynine	5.223	1884374	9867.84	37.1	19391.43	800427	541.4364 ng/ml
Morphine	1.247	275878	1065.83	17.9	271.58	8356	495.4137 ng/ml
Norbuprenorphine	4.990	28956	158.22	99.7	16890.16	23953	50.0528 ng/ml
Nordiazepam	5.884	1736517	896.90	65.5	527.50	96957	504.8239 ng/ml
Norfentanyl	4.078	794266	24252.40	36.8	3598.49	530783	49.7457 ng/ml
Norhydrocodone	3.060	395434	∞	40.8	∞	69126	512.2944 ng/ml
Noroxycodone	2.904	1819912	546.04	44.1	339.24	112833	530.3794 ng/ml
O-desmethyl-tramadol	3.367	14347278	∞	5.6	430.78	1458197	523.3994 ng/ml
o-desmethylvenlafaxine	4.069	16367449	232347.88	18.6	31337.30	225427	521.2730 ng/ml
Olanzapine	4.455	3319965	5845.70	58.1	7810.32	138636	535.8685 ng/ml
Oxazepam	5.740	951297	139.30	75.8	8116.38	99467	492.4579 ng/ml
Oxycodone	2.808	5148525	∞	27.6	1706.89	442070	485.5395 ng/ml
Oxymorphone	1.405	2699453	∞	42.7	1667.61	169634	515.5445 ng/ml
Phentermine	3.774	2692534	∞	5.7	202.52	684087	492.0467 ng/ml
Promethazine	5.541	11134742	2361.78	29.1	2072.55	811204	522.8983 ng/ml
Pseudoephedrine	2.569	14197377	496125.06	16.4	67414.41	999195	517.6010 ng/ml
Quetiapine	5.558	6385673	79959.81	60.6	256244.59	189212	501.5170 ng/ml
Sertraline	5.773	1239059	2862.17	100.0	9394.53	100399	492.0410 ng/ml
Temazepam	5.807	2871425	16225.53	29.0	1192.38	282984	505.2697 ng/ml
Tramadol	4.232	11133571	1770.11	3.7	365.90	1084080	512.1773 ng/ml
Trazodone	5.141	7562814	71898.54	71.1	298332.51	569526	487.3148 ng/ml
Venlafaxine	5.036	12761140	93479.01	33.2	1878.18	1231029	513.5342 ng/ml
Zolpidem	4.898	12983505	7517.96	27.4	8591.32	1200115	498.8346 ng/ml

AM #28 Multi-Drug Quant. Results

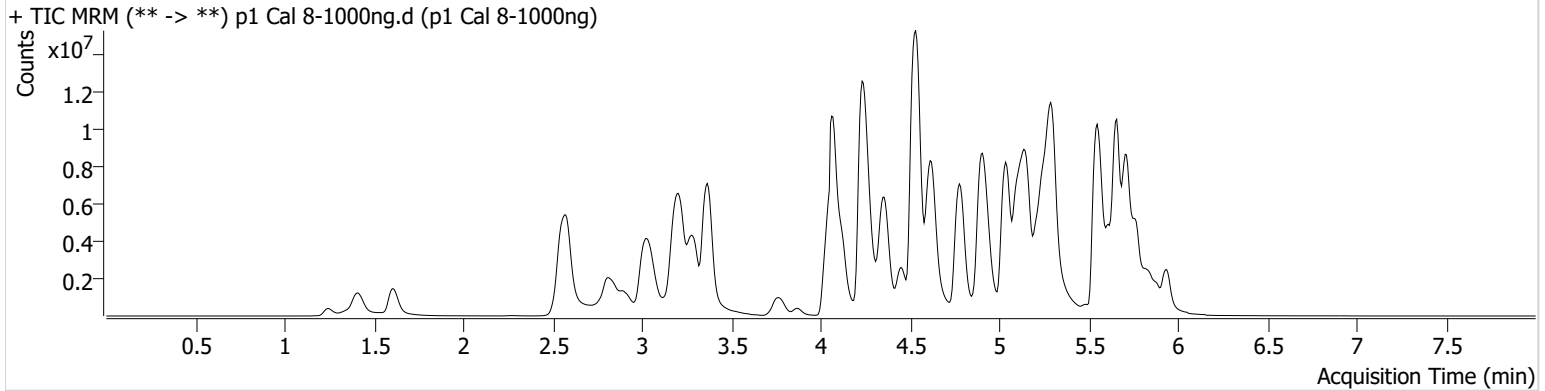
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Calibration Last Update 4/4/2023 11:04:35 AM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	3/30/2023 8:39:56 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	279439	1808.80	71.5	8050.76	71662	103.4266 ng/ml
7-aminoclonazepam	4.258	924386	44702.46	78.0	8389.49	62224	682.2705 ng/ml
alpha-PHP	4.935	2935751	1536.63	260.5	77284.62	470564	918.3641 ng/ml
alpha-PVP	4.357	13849896	8362.31	51.2	28601.57	470564	1054.5823 ng/ml
Alprazolam	5.759	3708501	2739.47	114.9	2754.27	92704	1025.4397 ng/ml
Amphetamine	3.037	12144481	40377.36	40.3	14098.65	271849	553.8976 ng/ml
Benzoylcegonine	3.871	489444	1206.87	8.1	459.79	15856	999.5953 ng/ml
Buprenorphine	5.817	250663	311393.53	14.9	33527.43	67410	106.1820 ng/ml
Bupropion	4.778	16470248	225584.66	59.8	192695.38	515221	1003.2053 ng/ml
Carisoprodol	5.721	1168882	195.27	59.2	120.42	43286	1092.1460 ng/ml
Chlorpheniramine	5.104	23035420	178483.27	0.3	169.74	946521	1006.9725 ng/ml
Citalopram	5.211	7465924	154738.16	38.5	43573.01	258433	1001.3725 ng/ml
Clonazepam	5.594	2225900	2435.51	31.9	24935.03	34229	903.5721 ng/ml
Cocaine	4.264	7128077	379.81	54.8	1965.17	560498	1014.2669 ng/ml
Codeine	2.566	664901	175.37	102.0	289.09	36303	868.3385 ng/ml
Cyclobenzaprine	5.618	7342035	103955.38	6.8	408.01	261629	1061.4470 ng/ml
Dextromethorphan	5.262	4034761	18633.93	77.6	36135.78	165533	1014.6439 ng/ml
Dextrophan	4.118	3769124	43260.62	223.4	∞	373536	1046.8015 ng/ml
Diazepam	5.938	3911977	9393.07	87.8	∞	140638	1024.0715 ng/ml
Dihydrocodeine	2.525	2761210	507.71	56.6	645.89	238222	782.0442 ng/ml
Diphenhydramine	5.297	25187892	98106.62	31.0	∞	904919	1010.1986 ng/ml
Doxylamine	4.531	31872878	237894.90	98.0	212823.43	1288758	971.3886 ng/ml
Duloxetine	5.651	290428	2007.27	14.7	600.76	13810	1006.6358 ng/ml
EDDP	5.255	11550614	121540.56	41.0	30239.61	488398	1062.6973 ng/ml
Fentanyl	5.088	802381	76731.08	71.5	5048481.93	400869	95.6961 ng/ml
Flualprazolam	5.688	927061	1458.70	107.3	28509.94	92704	676.7607 ng/ml
Fluorofentanyl	5.156	2441713	75708.88	42.9	10859.94	3464	112.3157 ng/ml
Fluoxetine	5.711	3740046	38644.76	7.3	4894.72	114357	1063.1221 ng/ml
Hydrocodone	3.006	4503359	∞	33.3	470.35	258609	948.3205 ng/ml
Hydromorphone	1.609	3813734	5188036.02	72.1	11428103.8	108247	1050.5343 ng/ml
Hydroxyzine	5.701	8742697	351161.06	76.1	5571.44	165533	1133.9361 ng/ml
Ketamine	4.030	7582779	63502.79	39.4	26271.74	288234	900.2984 ng/ml

AM #28 Multi-Drug Quant. Results

SC



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Lamotrigine	4.281	330421	1796.14	86.5	1071.80	717793	686.6504 ng/ml
Lorazepam	5.737	517020	8630.38	47.6	157.85	34550	1172.0391 ng/ml
MDA	3.164	5456256	38301.14	30.4	7114.86	221643	765.3377 ng/ml
MDMA	3.285	7503326	133326.42	103.4	24431.80	86105	1033.2356 ng/ml
Meprobamate	4.874	1558795	1179.75	26.9	308.58	159884	500.0234 ng/ml
Methadone	5.656	19494616	103127.87	45.6	176153.02	625409	1007.8979 ng/ml
Methamphetamine	3.212	18773106	38176.81	30.4	56261.15	999237	725.6436 ng/ml
Metoprolol	4.313	1605037	9527.27	100.4	65011.58	899906	713.1389 ng/ml
Mirtazapine	4.620	19565973	74600.33	46.8	67708.86	470564	1061.9579 ng/ml
Mitragynine	5.223	2458911	87270.84	34.6	581212.49	625409	904.9959 ng/ml
Morphine	1.247	488627	∞	17.8	∞	7458	983.1905 ng/ml
Norbuprenorphine	4.990	49877	8125.67	98.2	132.40	21112	98.1639 ng/ml
Nordiazepam	5.884	2111135	8326.61	63.9	19303.38	58637	1014.7867 ng/ml
Norfentanyl	4.078	926706	36701.20	37.2	6548.81	236700	129.9989 ng/ml
Norhydrocodone	3.060	709861	∞	40.6	∞	56494	1123.7661 ng/ml
Noroxycodone	2.904	2561396	910.83	44.3	796.46	76016	1107.7411 ng/ml
O-desmethyl-tramadol	3.366	24375645	∞	5.5	2307.46	1229605	1054.1425 ng/ml
o-desmethylvenlafaxine	4.069	23586001	199929.65	18.6	20312.79	160804	1052.2773 ng/ml
Olanzapine	4.447	5023293	123768.25	59.8	5661.96	101703	1104.4758 ng/ml
Oxazepam	5.733	690354	87.58	78.3	100.67	34550	1028.9671 ng/ml
Oxycodone	2.801	7713137	∞	27.5	2429.99	384529	837.0333 ng/ml
Oxymorphone	1.405	4342790	738.38	42.4	1065.65	150443	935.5709 ng/ml
Phentermine	3.767	4216773	∞	5.6	1755.55	616026	857.5406 ng/ml
Promethazine	5.541	17299307	1587.37	28.3	25422.72	626421	1051.5578 ng/ml
Pseudoephedrine	2.576	21105975	643.68	16.1	71172.34	717793	1070.5988 ng/ml
Quetiapine	5.558	8897057	57269.94	60.6	290253.84	150532	878.9547 ng/ml
Sertraline	5.773	1453183	22858.58	99.6	1957.92	56769	1020.2804 ng/ml
Temazepam	5.807	2328907	4767.03	31.0	802.70	112822	1027.7569 ng/ml
Tramadol	4.237	17091272	∞	3.5	428.33	899906	947.6641 ng/ml
Trazodone	5.148	11276657	179037.55	72.1	235927.91	428784	965.6771 ng/ml
Venlafaxine	5.036	21242469	66041.36	32.8	75994.07	1006666	1044.8554 ng/ml
Zolpidem	4.898	20741391	224546.93	27.5	274293.57	1078498	887.2244 ng/ml