

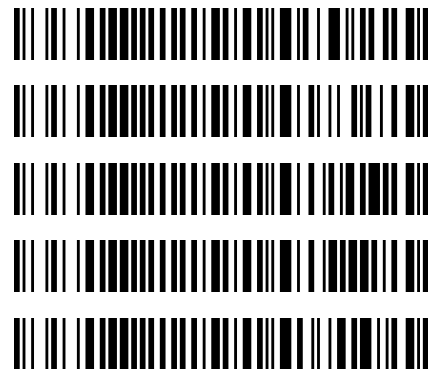
Worklist: 6225

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2022-4665	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-4709	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-4740	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2022-5034	3	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
M2022-5416	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3604	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3611	2	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3614	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2022-3810	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3838	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2022-3917	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0028	1	UCK	AM 28 Urine Multi-Drug Confirmation Panel 1 by LC-QQ	
P2023-0040	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0057	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0059	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0064	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0065	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0066	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0068	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0069	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-0070	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6225

SC

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-0071	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0078	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0089	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0090	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-0099	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 01/23/2023

Plate lot#: IDP-121-3-POC-220802

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: 02/02/23

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: Pipette 250 ul urine in blank well, add 40 ul BG Turbo, add 100 ul 500 mm sodium phosphate buffer, mix for at least 5 minutes at ambient temperature.
- 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: #42
- 4. Pipette 250µL 0.5M ammonium hydroxide in wells of analytical plate.
- 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 6. Transfer 300µL of blood+base/urine+base mixture to corresponding wells of SLE+ plate.
- 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). *(Load at 85-100 PSI- Selector to the right)*
- 8. Wait 5 minutes.
- 9. Add 900uL ethyl acetate.
- 10. Wait 5 minutes.
- 11. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 12. Add 900uL ethyl acetate.
- 13. Wait 5 minutes.
- 14. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 15. Remove plate containing eluate.
- 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples but optional for blood samples.
- 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 18. Reconstitute in 100µL 20% MeOH and heat seal plate with foil.

Post-Analytic

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

COMMENTS:

The run stopped during a blank before a case sample due to the instrument not able to transfer and save the data file. The computer was restarted and the run continued with no further issues.

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Curve Range Limits:

7-aminoclonazepam 5-250 (calibrator 7 and 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)

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

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

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

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

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

Flualprazolam 5-250 (calibrator 7 and 8 dropped due to accuracy)

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

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

MDA 5-250 (calibrator 7 and 8 dropped due to accuracy)

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

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

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

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

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

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

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

Did not evaluate:

Chlordiazepoxide (rising ratios)

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	m2022-5416-2	p2023-0070-1		urine negative	p2023-0028-1					IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	p2022-3614-1	p2023-0065-1		m2022-4665-2						IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	p2023-0040-2	p2023-0071-1		m2022-4709-3						IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	p2023-0059-1	p2023-0078-1		m2022-5034-3					IS + QC_2	IS + Cal. 5
E	IS + Cal. 5	IS + QC_2 urine	p2023-0066-1	p2023-0089-1		p2022-3611-2					IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	negative blood	p2023-0057-1	p2023-0090-1 blanks start		p2022-3810-1					IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	m2022-4740-1	p2023-0069-1	p2023-0099-1		p2022-3838-1					IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	p2022-3604-1	p2023-0064-1	p2023-0068-1		p2022-3917-1					IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution

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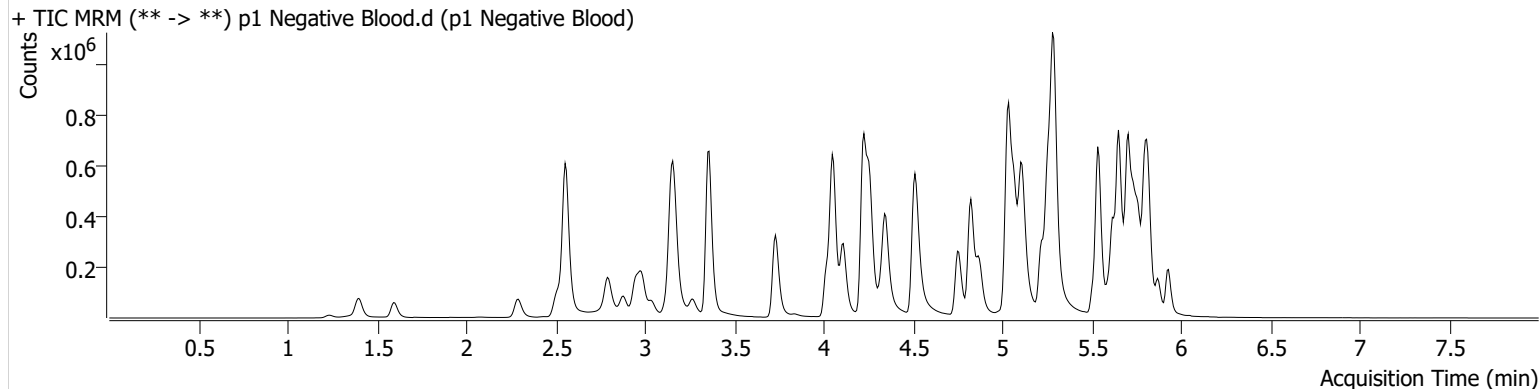


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument Type	Falco (069901) Sample	Data File	p1 Negative Blood.d
Acq. Method	AM 28 MDQ P1.m	Sample	p1 Negative Blood
Sample Position	P2-F2	Operator	Sarah Collins
Injection Volume	2	Comment	
Acq. Date-Time	1/23/2023 10:56:15 PM		
Sample Info.			

Sample Chromatogram



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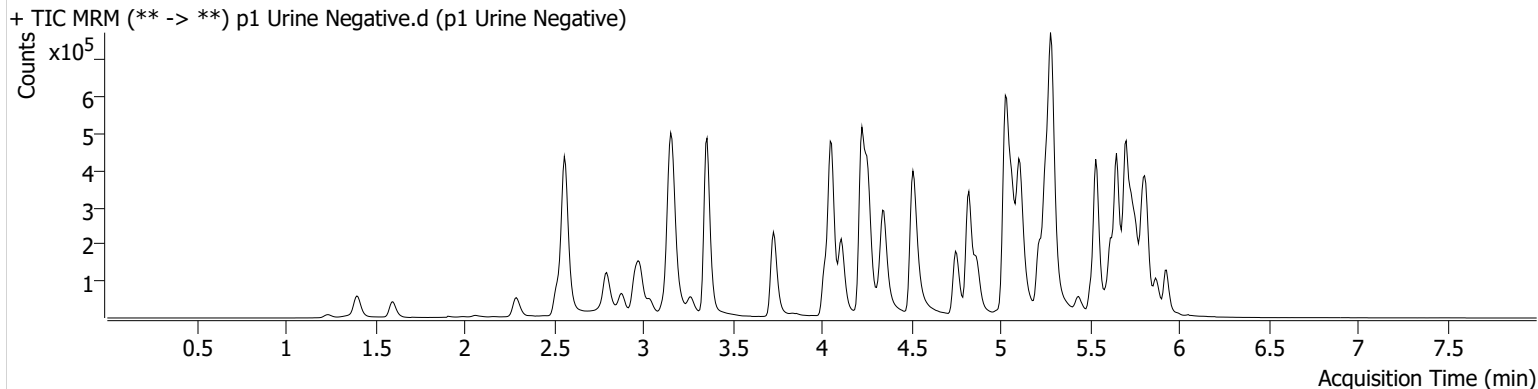


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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-A6	Comment	
Injection Volume	2		
Acq. Date-Time	1/24/2023 3:11:05 AM		
Sample Info.			

Sample Chromatogram



SC

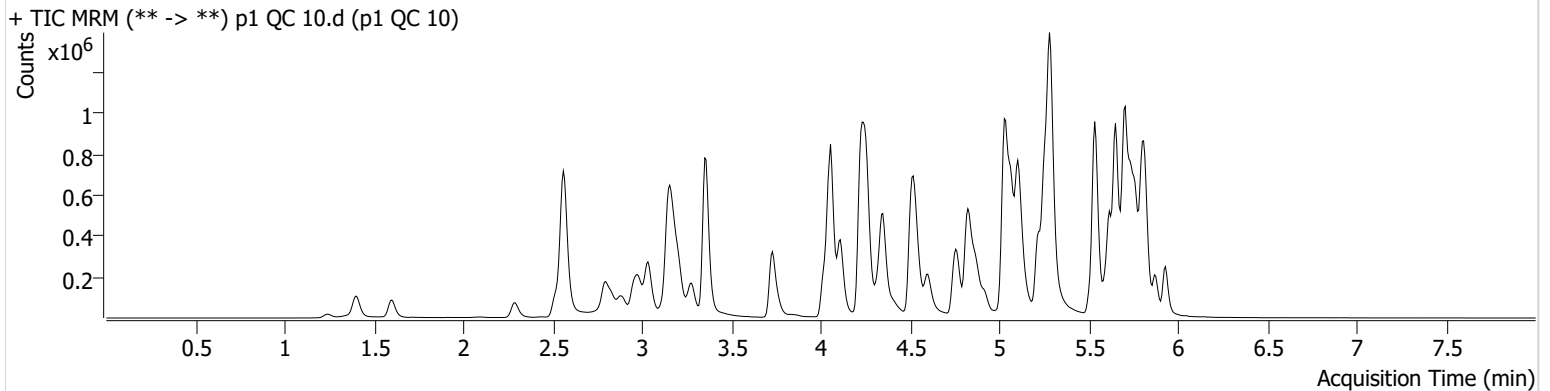


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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	1/23/2023 9:41:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	3525	364.40	66.6	6094.70	98946	1.0043 ng/ml
7-aminoclonazepam	4.244	49532	∞	85.2	102.45	201118	10.3153 ng/ml
a-hydroxyalprazolam	5.682	27507	184.38	63.7	285.52	1045106	10.9006 ng/ml
alpha-PHP	4.921	56402	503.45	258.2	693.87	786545	10.0077 ng/ml
alpha-PVP	4.357	207094	37079.86	54.1	2767.47	786545	9.7032 ng/ml
Alprazolam	5.759	110625	1559.89	112.9	1431.66	441921	10.1891 ng/ml
Amphetamine	3.037	387146	215.94	42.7	1398.85	458264	10.4848 ng/ml
Benzoylecgonine	3.871	4405	236.60	6.9	61.25	13606	10.3795 ng/ml
Buprenorphine	5.694	3582	2897.14	17.5	464.96	143751	0.9673 ng/ml
Bupropion	4.771	209102	1834.79	63.2	1366.64	691228	9.5354 ng/ml
Carisoprodol	5.714	133036	120007.57	63.5	165.47	517046	9.6888 ng/ml
Chlordiazepoxide	5.821	53192	1524.02	134.7	990.38	722172	10.5547 ng/ml
Chlorpheniramine	5.111	346950	759.70	0.3	36.75	1517721	9.9491 ng/ml
Citalopram	5.218	177421	1550.32	36.8	2527.79	659484	10.3673 ng/ml
Clonazepam	5.601	123568	833.95	35.0	2765.01	169548	10.3502 ng/ml
Clonazolam	5.545	95874	60688.41	36.4	40956.43	169548	10.3439 ng/ml
Cocaine	4.257	130211	7704.73	57.8	1835.15	1116931	9.9719 ng/ml
Codeine	2.573	18785	538.04	104.5	57524.72	89743	11.1207 ng/ml
Cyclobenzaprine	5.618	184009	335.67	7.5	75.26	732832	9.8941 ng/ml
Dextromethorphan	5.262	106588	5591.74	81.2	∞	470464	10.2411 ng/ml
Dextrorphan	4.111	59342	2664.15	215.2	4558.63	618744	10.2909 ng/ml
Diazepam	5.931	76780	3608.86	85.4	535.75	342852	9.9783 ng/ml
Dihydrocodeine	2.552	43968	543.09	58.1	1616.31	262533	10.3251 ng/ml
Diphenhydramine	5.290	473236	932.28	31.9	1591.20	2295278	9.8514 ng/ml
DMT	2.838	23465	236.67	136.0	654.37	470464	9.4964 ng/ml
Doxylamine	4.531	404390	450.17	99.1	983.26	1770627	10.0336 ng/ml
Duloxetine	5.644	18864	361.20	15.3	168.71	89316	10.4129 ng/ml
EDDP	5.255	209089	2514.10	41.3	1368.60	981670	10.0417 ng/ml
Etizolam	5.797	38436	23104.80	28.5	13788.81	169548	9.3236 ng/ml
Fentanyl	5.081	19521	164.28	70.2	25100.47	882958	1.0091 ng/ml
Flualprazolam	5.695	54917	1768.08	100.1	2485.77	441921	10.7099 ng/ml
Fluorofentanyl	5.135	42729	215.01	39.0	719.53	8026	1.0113 ng/ml
Fluoxetine	5.704	224817	3934.91	7.5	247.92	740347	9.6316 ng/ml

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AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	76540	∞	32.9	147.95	370054	10.2704 ng/ml
Hydromorphone	1.609	57906	537285.07	73.6	243332.77	173795	10.4190 ng/ml
Hydroxyzine	5.687	190190	3166.35	72.8	957.44	470464	9.8876 ng/ml
Ketamine	4.036	123619	658.97	40.5	677.76	481670	10.3638 ng/ml
Lamotrigine	4.260	13119	1319.13	84.2	567.46	1602341	10.5796 ng/ml
Lorazepam	5.737	97069	361.20	49.5	92.91	618364	10.9727 ng/ml
MDA	3.184	260256	703.67	35.3	250.82	778063	10.7133 ng/ml
MDMA	3.278	128578	2495.38	114.3	2461.51	141257	10.1781 ng/ml
Meprobamate	4.895	103135	599.32	28.3	1545.72	448908	10.7860 ng/ml
Methadone	5.649	333504	674.48	51.3	2523.87	1285839	9.9611 ng/ml
Methamphetamine	3.212	333468	8418.53	31.7	608.97	1268578	10.0597 ng/ml
Metoprolol	4.320	40333	2145.64	99.5	337.40	1558722	10.6284 ng/ml
Mirtazapine	4.600	287815	2137.96	50.3	1790.71	786545	9.8844 ng/ml
Mitragynine	5.209	62533	51646.33	35.6	28784.46	1285839	8.9550 ng/ml
Morphine	1.247	8914	414.70	16.7	16.31	9528	10.5972 ng/ml
Norbuprenorphine	4.990	862	558.31	116.7	1157.01	29938	0.9438 ng/ml
Nordiazepam	5.877	79947	925508.97	60.3	384.47	228275	10.5797 ng/ml
Norfentanyl	4.071	31614	821.52	37.4	129.86	1191354	0.9264 ng/ml
Norhydrocodone	3.060	15198	169.36	40.5	76.31	100388	9.7822 ng/ml
Noroxycodone	2.904	75722	353.39	45.0	136.77	236698	10.1784 ng/ml
O-desmethyl-tramadol	3.359	315965	1004.74	6.0	938.56	1673879	9.9897 ng/ml
o-desmethylvenlafaxine	4.056	437169	11468.39	18.8	597.10	361888	10.0815 ng/ml
Olanzapine	4.407	68112	212.98	61.7	387.47	167101	10.2980 ng/ml
Oxazepam	5.740	138019	424.54	74.9	233.55	618364	10.0938 ng/ml
Oxycodone	2.822	140141	479.63	29.3	585.07	542872	9.8787 ng/ml
Oxymorphone	1.405	79146	265.72	43.5	346.06	253009	10.3070 ng/ml
Phentermine	3.767	87908	441.04	6.6	68.10	870226	10.7623 ng/ml
Promethazine	5.535	336965	10120.89	30.3	74.63	1403573	10.2391 ng/ml
Pseudoephedrine	2.569	337800	990.61	18.1	167.95	1602341	9.7137 ng/ml
Quetiapine	5.523	196490	6480.23	59.7	133.82	288609	11.1150 ng/ml
Sertraline	5.766	71211	455.88	103.2	359.17	303098	9.7603 ng/ml
Temazepam	5.800	243435	1329.72	26.7	170.10	1045106	10.3948 ng/ml
Tramadol	4.239	315671	483.61	3.6	94.59	1558722	10.3245 ng/ml
Trazodone	5.066	226735	971.90	66.5	442.09	777638	10.2589 ng/ml
Venlafaxine	5.036	306336	4659.94	34.4	236.17	1509840	9.7251 ng/ml
Zolpidem	4.843	313880	2167.06	28.1	1228.18	1202630	10.0364 ng/ml

SC

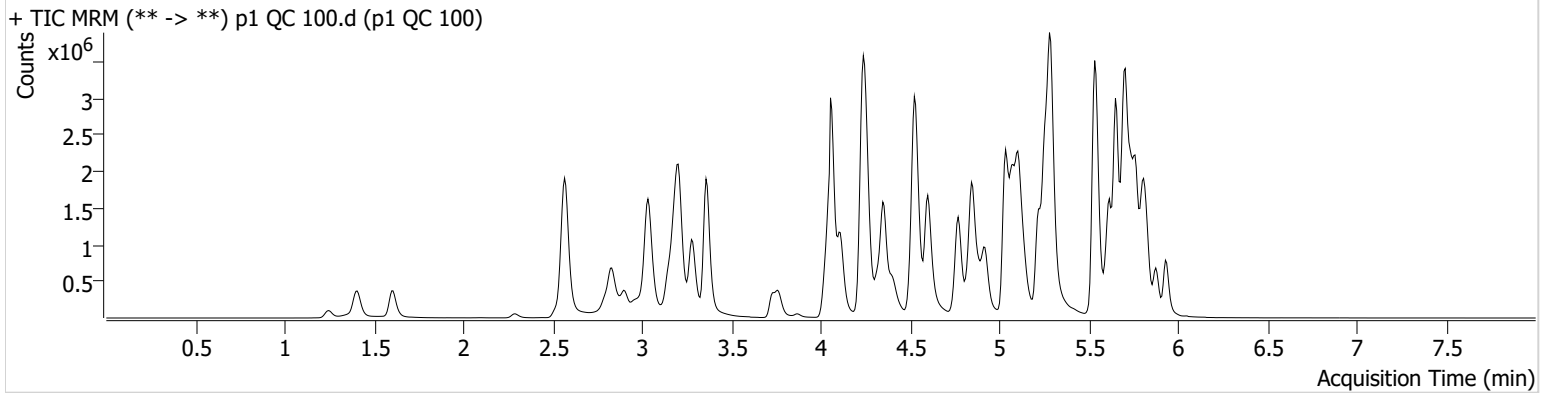


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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	1/24/2023 10:17:46 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	34926	1034.57	71.2	561.81	96074	10.4394 ng/ml
7-aminoclonazepam	4.244	435061	7696.47	85.3	28786.01	190566	104.1996 ng/ml
a-hydroxyalprazolam	5.682	177768	936.25	66.7	299.85	741648	107.8999 ng/ml
alpha-PHP	4.921	538478	6899.61	255.1	71012.96	729193	101.2670 ng/ml
alpha-PVP	4.357	1959995	1205.18	53.4	23023.96	729193	98.0403 ng/ml
Alprazolam	5.759	927529	911.97	112.9	1229.59	381812	98.3126 ng/ml
Amphetamine	3.037	3162897	2082.37	40.8	2060.16	453069	96.7979 ng/ml
Benzoylecgonine	3.871	43507	382.82	8.3	1187.73	13996	102.2675 ng/ml
Buprenorphine	5.707	36029	6209.55	15.1	4633.26	138456	11.3093 ng/ml
Bupropion	4.771	2016274	137804.12	62.2	939.51	667498	97.3659 ng/ml
Carisoprodol	5.714	893325	565.13	60.4	488.37	338245	92.3178 ng/ml
Chlordiazepoxide	5.828	365792	10415.11	171.4	3584.78	587566	96.4877 ng/ml
Chlorpheniramine	5.111	3417946	36521.52	0.3	954.75	1469258	98.7355 ng/ml
Citalopram	5.218	1599697	11080.56	38.3	7749.89	594241	99.5736 ng/ml
Clonazepam	5.601	980118	1707.04	33.7	1547.71	140646	107.3519 ng/ml
Clonazolam	5.545	754502	22223.29	37.4	317102.44	140646	106.6346 ng/ml
Cocaine	4.257	1180399	1721.37	57.9	1103.45	1008405	100.4583 ng/ml
Codeine	2.573	149785	387.81	105.6	23894.04	82914	106.0842 ng/ml
Cyclobenzaprine	5.618	1766043	82825.35	6.9	113.33	660502	100.2743 ng/ml
Dextromethorphan	5.262	952043	162488.92	77.9	31272.87	410958	104.8422 ng/ml
Dextrorphan	4.111	557859	555.52	219.1	16001.53	583598	101.0707 ng/ml
Diazepam	5.938	668715	2374.33	89.8	5153.56	306516	99.9548 ng/ml
Dihydrocodeine	2.545	422714	2103.19	55.4	3184.61	265886	109.2754 ng/ml
Diphenhydramine	5.290	4491357	1251.03	31.5	4653.03	2067366	99.8404 ng/ml
DMT	2.838	218984	2875.56	138.3	25634.07	410958	97.0245 ng/ml
Doxylamine	4.525	4087187	68341.34	98.7	444626.11	1737145	102.3346 ng/ml
Duloxetine	5.644	150566	2729.96	15.3	24096.76	76480	96.4046 ng/ml
EDDP	5.255	2194958	8435.45	41.9	447.37	1017729	99.2540 ng/ml
Etizolam	5.797	299375	1772.93	27.1	2361.82	140646	81.9744 ng/ml
Fentanyl	5.081	182518	5261.45	67.7	982.49	806819	9.9548 ng/ml
Flualprazolam	5.695	406116	4760.14	101.6	19941.83	381812	101.0972 ng/ml
Fluorofentanyl	5.135	425284	7430.74	39.3	9314.86	7407	10.3541 ng/ml
Fluoxetine	5.704	1755844	1875388.45	7.2	56389.61	537398	95.8596 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	656431	∞	33.7	224.57	359390	101.6313 ng/ml
Hydromorphone	1.609	581961	3598839.97	72.7	1997382.51	172122	105.3047 ng/ml
Hydroxyzine	5.694	1685586	58562.21	76.3	46901.93	410958	92.6153 ng/ml
Ketamine	4.036	1134876	87019.67	39.8	7566.58	463664	105.7519 ng/ml
Lamotrigine	4.267	108608	2272.58	87.3	2915.98	1451043	101.8994 ng/ml
Lorazepam	5.730	511537	13940.30	48.8	738.30	413592	97.5500 ng/ml
MDA	3.184	1928014	16223.64	34.9	662.85	665928	101.0261 ng/ml
MDMA	3.278	1206270	5506.37	111.8	6020.84	133215	101.7684 ng/ml
Meprobamate	4.895	810974	1610.56	28.0	3684.28	385984	111.3258 ng/ml
Methadone	5.649	3224693	2970.02	47.9	50391.54	1202700	98.9974 ng/ml
Methamphetamine	3.212	3172693	2123.81	31.7	1044.12	1246859	106.4688 ng/ml
Metoprolol	4.320	361303	5339.58	100.5	10797.57	1501256	103.8610 ng/ml
Mirtazapine	4.600	2777161	10426.98	48.5	5868.90	729193	99.1628 ng/ml
Mitragynine	5.209	611495	944406.11	36.3	184032.92	1202700	94.4687 ng/ml
Morphine	1.247	90328	722.17	16.9	304.07	11465	92.1930 ng/ml
Norbuprenorphine	4.990	6537	8288.68	104.3	5704.93	29298	9.8485 ng/ml
Nordiazepam	5.877	651652	4074.36	62.6	971.09	192124	104.9332 ng/ml
Norfentanyl	4.078	313246	1480.54	37.0	287.24	1037760	9.9255 ng/ml
Norhydrocodone	3.060	121151	246.12	40.6	212.88	72254	96.6638 ng/ml
Noroxycodone	2.904	654156	2574.89	44.9	71376.26	213166	101.7817 ng/ml
O-desmethyl-tramadol	3.366	3029500	128430.28	5.9	755.49	1567839	98.4597 ng/ml
o-desmethylvenlafaxine	4.056	4182642	86349.99	18.5	7600.36	338427	97.0564 ng/ml
Olanzapine	4.400	767288	998.55	60.5	3683.05	182456	106.1681 ng/ml
Oxazepam	5.740	913279	11748.30	70.5	4117.78	413592	103.5433 ng/ml
Oxycodone	2.822	1343590	3658.43	28.4	25249.09	539408	102.4038 ng/ml
Oxymorphone	1.405	729780	∞	43.6	∞	246491	98.1462 ng/ml
Phentermine	3.767	784256	2486.04	6.4	989.81	842921	110.5016 ng/ml
Promethazine	5.534	3197045	30882.27	30.2	1060.69	1305844	99.4594 ng/ml
Pseudoephedrine	2.576	3176417	1179.99	17.7	79422.49	1451043	95.9797 ng/ml
Quetiapine	5.523	1741120	39092.00	60.9	114863.22	276371	110.0409 ng/ml
Sertraline	5.773	591233	27189.78	97.8	455.26	255478	94.5757 ng/ml
Temazepam	5.800	1747439	8099.10	25.8	820.42	741648	109.8223 ng/ml
Tramadol	4.239	2873369	1195.75	3.6	269.92	1501256	101.1792 ng/ml
Trazodone	5.073	2056517	1756308.93	69.9	2450419.84	743557	102.9585 ng/ml
Venlafaxine	5.036	2911584	1963.42	33.3	897.17	1401781	95.6056 ng/ml
Zolpidem	4.843	3165599	1343965.62	27.7	4156691.37	1198250	105.5029 ng/ml

SC

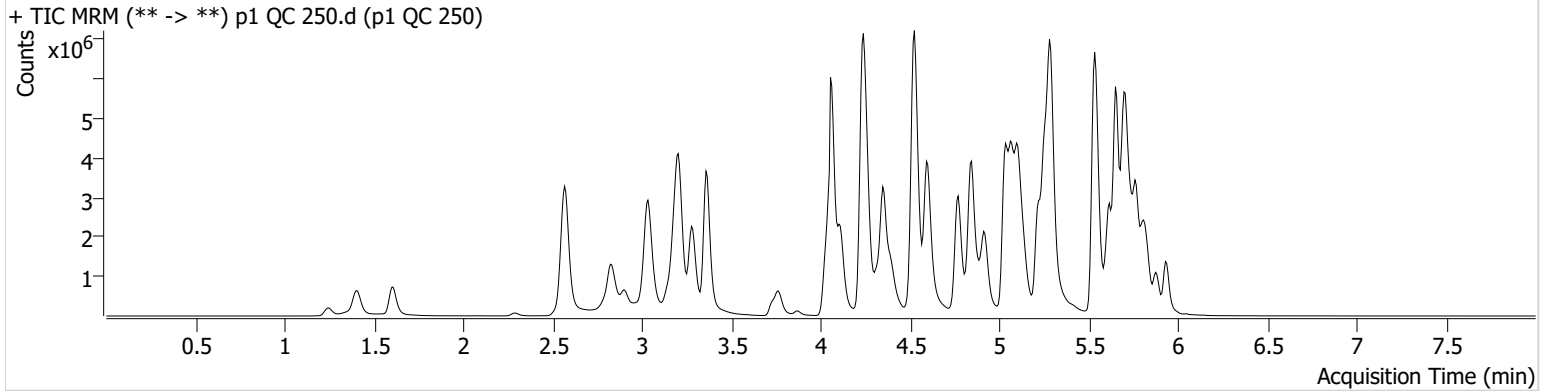


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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	1/23/2023 10:03:06 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	86045	101605.74	73.2	1595.27	95015	26.0366 ng/ml
7-aminoclonazepam	4.244	736573	19837.76	83.8	5256.70	151832	222.5854 ng/ml
a-hydroxyalprazolam	5.682	222874	305.56	67.3	104.35	429160	235.0208 ng/ml
alpha-PHP	4.921	1302042	1624.99	256.8	4004.38	689155	258.7897 ng/ml
alpha-PVP	4.357	4762246	4517.32	52.8	1107.17	689155	251.8773 ng/ml
Alprazolam	5.759	1830704	2138.57	111.7	1163.13	287625	257.4805 ng/ml
Amphetamine	3.037	6065162	83470.02	40.0	36244.15	426249	198.7502 ng/ml
Benzoylecgonine	3.871	110291	568.81	8.5	888.56	14524	250.2715 ng/ml
Buprenorphine	5.701	70071	9701.78	15.2	19101.47	121529	25.2137 ng/ml
Bupropion	4.771	4941539	133213.18	61.4	5724.64	659139	242.0078 ng/ml
Carisoprodol	5.721	1349642	235.53	61.8	257.75	183749	255.3736 ng/ml
Chlordiazepoxide	5.828	635056	13987.03	162.0	5242.54	421338	234.9893 ng/ml
Chlorpheniramine	5.104	8405685	23748.98	0.3	305.62	1385162	257.1202 ng/ml
Citalopram	5.218	3598984	32744.41	36.2	1211.52	504421	263.1466 ng/ml
Clonazepam	5.601	1583109	10529.53	34.5	4613.91	103378	237.0819 ng/ml
Clonazolam	5.552	1234737	710519.99	38.5	290735.83	103378	238.6473 ng/ml
Cocaine	4.257	2639773	3330.86	58.2	576.90	903670	250.7516 ng/ml
Codeine	2.573	280632	116.02	104.1	505.05	72923	227.4843 ng/ml
Cyclobenzaprine	5.618	3872279	53191.26	6.9	186.19	575685	251.4591 ng/ml
Dextromethorphan	5.262	1905116	922.86	78.0	1555.67	332067	259.6611 ng/ml
Dextrorphan	4.111	1290955	40489.76	224.7	45467.69	529685	257.4374 ng/ml
Diazepam	5.938	1415207	10084.56	88.7	2934.28	257596	252.1841 ng/ml
Dihydrocodeine	2.545	909873	577.18	57.9	3332.94	270481	232.6942 ng/ml
Diphenhydramine	5.290	10103915	444.10	31.2	607.38	1760197	263.1172 ng/ml
DMT	2.838	501251	3676.35	146.9	60187.35	332067	274.0117 ng/ml
Doxylamine	4.525	10476525	214177.34	97.0	10941.99	1700048	267.8547 ng/ml
Duloxetine	5.644	278178	1600.02	15.2	613.78	53908	252.5587 ng/ml
EDDP	5.255	4959784	150382.59	41.0	570.55	892356	255.3677 ng/ml
Etizolam	5.797	666720	10035.41	27.6	168018.01	103378	247.0280 ng/ml
Fentanyl	5.081	421199	1289.84	67.7	626.02	728190	25.3909 ng/ml
Flualprazolam	5.695	646122	3835.86	102.5	74761.43	287625	214.9009 ng/ml
Fluorofentanyl	5.135	1050679	28581.60	39.5	13913.33	7179	26.3039 ng/ml
Fluoxetine	5.711	3241377	648447.87	7.4	470543.73	369616	255.9498 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	1484265	729.17	33.5	606.42	344250	241.8066 ng/ml
Hydromorphone	1.609	1323261	11042060.93	73.8	4289410.29	158842	259.3923 ng/ml
Hydroxyzine	5.687	3779836	53616.85	77.9	419560.57	332067	255.5310 ng/ml
Ketamine	4.030	2655361	135958.23	38.5	2918.47	450964	255.5430 ng/ml
Lamotrigine	4.267	209196	1364.21	87.3	31615.34	1197305	238.7180 ng/ml
Lorazepam	5.730	576327	23012.88	49.6	1594.49	206204	222.4744 ng/ml
MDA	3.184	3294266	11586.38	35.6	2773.75	543530	212.6728 ng/ml
MDMA	3.278	2741897	2511.80	114.3	6311.76	118999	259.0481 ng/ml
Meprobamate	4.895	1464526	1352.81	27.8	200.87	328081	238.2751 ng/ml
Methadone	5.649	7523591	53810.69	48.2	2399.40	1064745	260.2026 ng/ml
Methamphetamine	3.205	7429000	2464.77	30.2	1544.89	1267083	246.6882 ng/ml
Metoprolol	4.320	789931	1403342.61	101.9	6265.61	1359167	251.6679 ng/ml
Mirtazapine	4.593	6834952	79470.27	47.5	5712.34	689155	257.5982 ng/ml
Mitragynine	5.209	1370491	42272.45	36.4	266974.81	1064745	239.2940 ng/ml
Morphine	1.247	203123	401.98	16.6	480.94	9163	260.1324 ng/ml
Norbuprenorphine	4.990	16309	16825.98	99.3	15848.23	30839	23.8582 ng/ml
Nordiazepam	5.877	1241368	90438.03	61.1	755.27	150156	256.1711 ng/ml
Norfentanyl	4.078	633393	122799.05	37.8	∞	800274	25.9298 ng/ml
Norhydrocodone	3.060	260915	1312.68	42.2	388.17	59693	250.1227 ng/ml
Noroxycodone	2.904	1206664	22142.30	45.4	582.94	158511	253.1985 ng/ml
O-desmethyl-tramadol	3.359	7589783	227509.84	5.7	1125.97	1483225	260.0640 ng/ml
o-desmethylvenlafaxine	4.056	9934044	305464.11	17.8	8665.88	299081	259.7281 ng/ml
Olanzapine	4.393	1796409	2783.94	62.6	62461.17	171374	264.6264 ng/ml
Oxazepam	5.740	1085707	167.80	73.1	7906.70	206204	247.4648 ng/ml
Oxycodone	2.822	2879986	9689.75	28.7	768.17	520349	228.5430 ng/ml
Oxymorphone	1.405	1568161	∞	44.3	∞	204129	254.7770 ng/ml
Phentermine	3.767	1648665	∞	6.4	803.54	835176	236.0055 ng/ml
Promethazine	5.535	7728094	2135.97	28.9	87333.59	1162972	269.0313 ng/ml
Pseudoephedrine	2.569	7003624	76919.15	17.1	91537.51	1197305	255.6019 ng/ml
Quetiapine	5.523	3775910	245227.39	61.7	81893.85	268760	246.4722 ng/ml
Sertraline	5.773	1111781	18037.00	98.2	131727.59	188548	240.7017 ng/ml
Temazepam	5.807	2324811	44733.37	26.5	314.50	429160	253.1625 ng/ml
Tramadol	4.232	6911393	∞	3.4	13292.87	1359167	269.5175 ng/ml
Trazodone	5.066	4680080	1106.52	72.3	18550.13	684226	255.6030 ng/ml
Venlafaxine	5.036	7056397	81541.27	32.3	10361.68	1315929	246.1457 ng/ml
Zolpidem	4.843	7649663	3291.90	26.5	6702.72	1184151	258.6028 ng/ml

SC

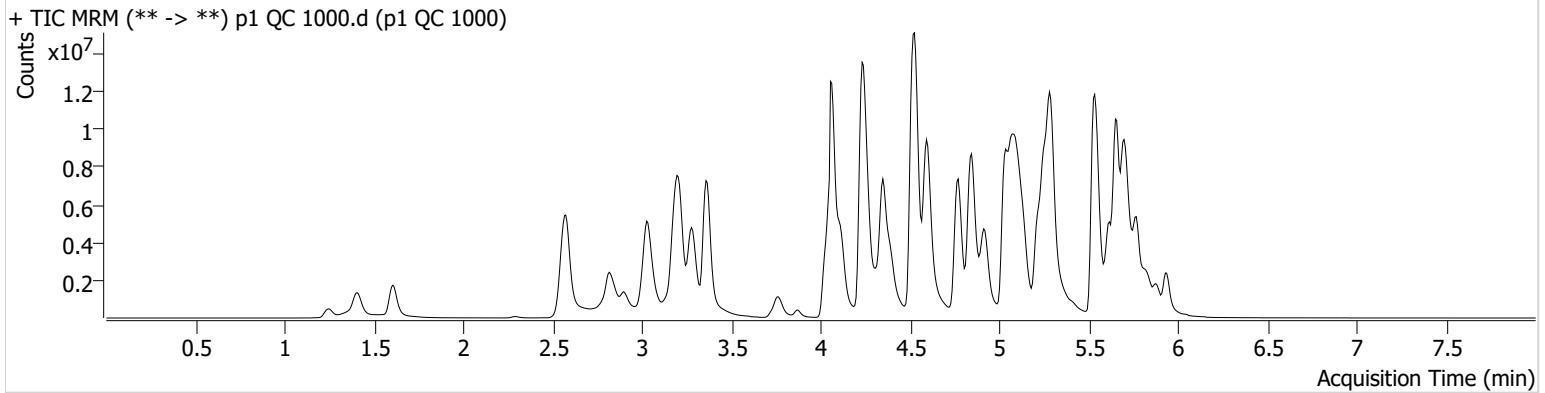


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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	1/23/2023 10:24:21 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	277433	5084.70	70.7	48532.15	77781	102.6111 ng/ml
7-aminoclonazepam	4.244	852903	2546.90	78.5	5817.87	73302	535.3080 ng/ml
a-hydroxyalprazolam	5.675	223720	199.67	62.6	169.30	108111	939.6594 ng/ml
alpha-PHP	4.921	3381592	3220.75	262.8	1679.31	437281	1058.6547 ng/ml
alpha-PVP	4.350	12412625	119185.64	51.7	136879.62	437281	1034.3142 ng/ml
Alprazolam	5.759	3210247	781.77	115.8	132.54	135590	957.5975 ng/ml
Amphetamine	3.037	11213152	269271.32	40.1	1345.24	343319	458.0155 ng/ml
Benzoylecgonine	3.871	381381	18879.01	8.3	366.50	12185	1032.4519 ng/ml
Buprenorphine	5.701	105459	52532.74	15.6	25554.56	57107	81.0369 ng/ml
Bupropion	4.771	13600408	362856.57	60.4	57129.31	490791	895.1863 ng/ml
Carisoprodol	5.721	1566297	225.82	62.8	139.11	50540	1075.0239 ng/ml
Chlordiazepoxide	5.828	857288	10592.69	191.0 High	9298.28	161726	828.8996 ng/ml
Chlorpheniramine	5.104	2205468	171951.05	0.3	612.74	910034	1026.0668 ng/ml
Citalopram	5.218	6684976	89656.80	36.0	78964.40	230724	1067.1926 ng/ml
Clonazepam	5.594	2051952	10741.10	32.7	6421.62	46694	682.1667 ng/ml
Clonazolam	5.558	1574413	1174537.45	38.8	888377.68	46694	675.5306 ng/ml
Cocaine	4.257	6302996	305399.74	57.7	182638.28	523317	1033.9936 ng/ml
Codeine	2.573	573289	128.34	99.7	193.62	47634	714.2599 ng/ml
Cyclobenzaprine	5.618	8280370	153174.61	6.4	574.12	284143	1087.6710 ng/ml
Dextromethorphan	5.262	3463340	247.25	77.0	169.14	150310	1042.8787 ng/ml
Dextrorphan	4.111	3335269	12487.40	226.4	184772.50	323904	1087.1197 ng/ml
Diazepam	5.938	2960715	13890.08	89.8	249.86	140914	965.3397 ng/ml
Dihydrocodeine	2.538	2201050	97495.33	58.7	194.03	229787	665.0407 ng/ml
Diphenhydramine	5.290	21053995	393.36	33.3	286.99	931755	1034.5266 ng/ml
DMT	2.838	1288909	51652.07	157.7	6247.30	150310	1554.4429 ng/ml
Doxylamine	4.525	27019783	276588.30	96.7	318898.80	1348495	870.6656 ng/ml
Duloxetine	5.637	317622	8193.91	15.1	43927.98	15729	988.0933 ng/ml
EDDP	5.255	13250724	1416.06	40.4	265083.22	577052	1054.2001 ng/ml
Etizolam	5.804	1381165	5965.30	27.4	12170.45	46694	1130.5855 ng/ml
Fentanyl	5.074	962785	299383.94	69.9	1484078.88	403441	104.6320 ng/ml
Flualprazolam	5.702	849989	15089.24	107.5	98428.42	135590	601.9357 ng/ml
Fluorofentanyl	5.135	3090328	84530.95	40.0	8413.77	4327	128.1410 ng/ml
Fluoxetine	5.711	5283317	298.79	7.3	224.68	135811	1132.6563 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	4102815	419.80	34.3	∞	262827	879.1310 ng/ml
Hydromorphone	1.609	3609067	9545718.24	74.3	32337279.57	109775	1023.5559 ng/ml
Hydroxyzine	5.687	8293498	471812.70	78.8	17260.73	150310	1235.3982 ng/ml
Ketamine	4.030	6199776	709227.27	38.0	26018.56	325672	827.9946 ng/ml
Lamotrigine	4.274	329455	10966.93	89.7	18689.15	608660	740.8667 ng/ml
Lorazepam	5.737	627982	32090.31	50.5	5349.90	46907	1071.7731 ng/ml
MDA	3.171	5512356	517.33	33.6	5066.40	305321	635.6601 ng/ml
MDMA	3.278	6417830	431536.08	114.8	27910.86	75862	951.2798 ng/ml
Meprobamate	4.888	2383997	107770.14	28.5	1450.02	168492	758.6255 ng/ml
Methadone	5.656	16595444	2631.16	52.2	1904.81	627257	973.0924 ng/ml
Methamphetamine	3.205	17066609	15505.03	29.2	131790.17	1152125	624.8613 ng/ml
Metoprolol	4.313	1529670	1626336.50	102.1	13779.49	973912	681.1530 ng/ml
Mirtazapine	4.593	18003353	256082.44	48.8	153568.45	437281	1068.0975 ng/ml
Mitragynine	5.202	3267980	109952.50	36.6	50823.82	627257	968.8514 ng/ml
Morphine	1.247	528968	∞	17.1	2709.57	6545	949.3591 ng/ml
Norbuprenorphine	4.990	51470	371.96	102.5	124118.36	24495	95.9103 ng/ml
Nordiazepam	5.884	2065121	511432.00	61.6	13418.54	68119	940.1571 ng/ml
Norfentanyl	4.078	1289046	29366.86	37.7	9349.39	279648	150.7306 ng/ml
Norhydrocodone	3.054	797079	∞	40.9	∞	39103	1162.2216 ng/ml
Noroxycodone	2.897	2458310	14344.42	44.6	705.34	82389	993.8386 ng/ml
O-desmethyl-tramadol	3.359	19964884	186560.21	5.8	39709.95	982527	1031.4915 ng/ml
o-desmethylvenlafaxine	4.063	24291744	237312.82	17.7	3458.40	165707	1144.0504 ng/ml
Olanzapine	4.386	4848231	95519.08	63.6	144258.73	135993	899.9718 ng/ml
Oxazepam	5.740	947417	93.60	74.9	83.19	46907	950.4715 ng/ml
Oxycodone	2.808	6656741	∞	28.5	∞	388111	709.9555 ng/ml
Oxymorphone	1.405	4212577	∞	43.9	1359.01	145962	957.3488 ng/ml
Phentermine	3.767	3764589	∞	6.2	247.14	696624	648.4886 ng/ml
Promethazine	5.541	18002496	3379.54	29.8	144134.05	675211	1077.8026 ng/ml
Pseudoephedrine	2.576	15299605	184219.22	17.0	68422.37	608660	1096.6610 ng/ml
Quetiapine	5.516	7747739	61062.59	61.7	13904.91	206840	658.5813 ng/ml
Sertraline	5.773	1745298	670.93	110.5	221.24	75494	943.1942 ng/ml
Temazepam	5.807	2087740	29236.64	27.6	714.63	108111	903.7937 ng/ml
Tramadol	4.232	15137829	∞	3.5	∞	973912	824.7077 ng/ml
Trazodone	5.066	10021249	802.36	74.8	942.28	434252	863.9468 ng/ml
Venlafaxine	5.036	17741133	376186.60	32.3	62535.97	766160	1061.5068 ng/ml
Zolpidem	4.845	20182485	447627.90	27.6	149350.01	922888	876.4576 ng/ml

SC

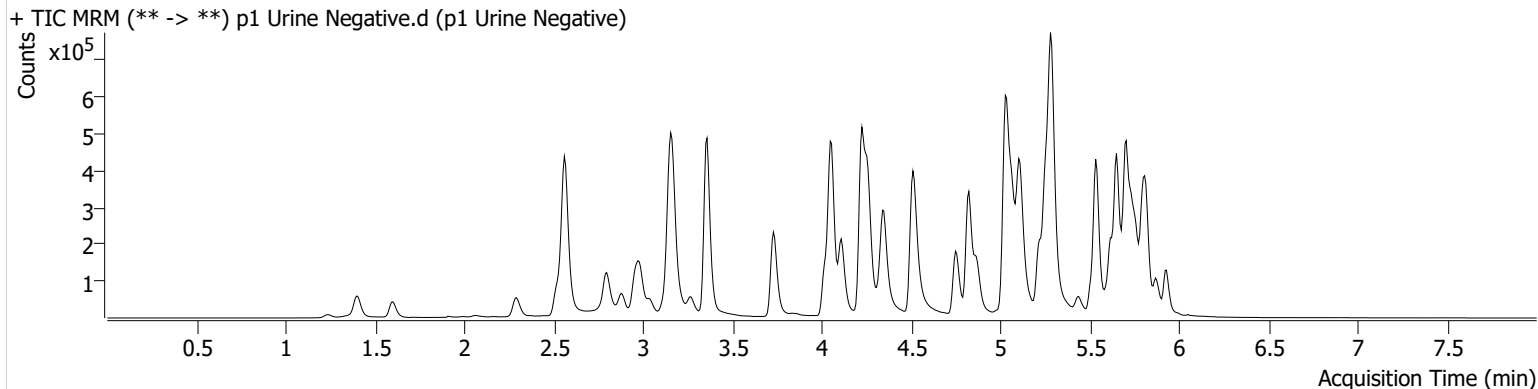


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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-A6	Comment	
Injection Volume	2		
Acq. Date-Time	1/24/2023 3:11:05 AM		
Sample Info.			

Sample Chromatogram



SC

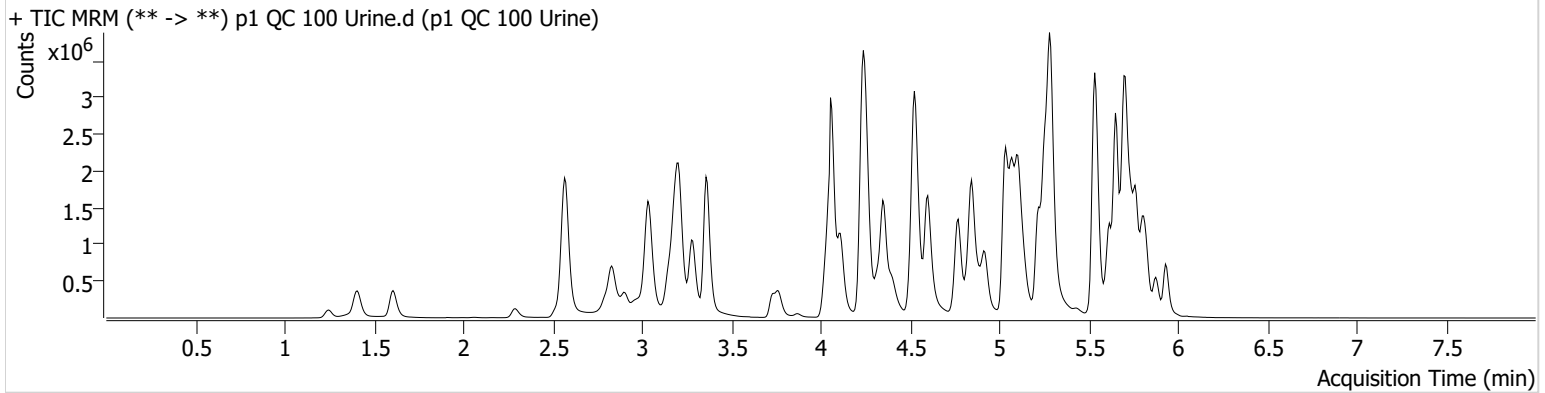


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

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	1/24/2023 8:31:22 AM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	34787	20878.55	69.6	26152.75	96087	10.3963 ng/ml
7-aminoclonazepam	4.244	454934	12465.58	86.1	2179.11	199260	104.2048 ng/ml
a-hydroxyalprazolam	5.682	147943	213.53	66.2	609.71	506502	131.7191 ng/ml
alpha-PHP	4.921	512833	1439.15	253.1	1581.66	729949	96.3537 ng/ml
alpha-PVP	4.357	1977837	∞	53.1	5642.82	729949	98.8296 ng/ml
Alprazolam	5.759	823298	938.23	114.0	1758.36	332528	100.1970 ng/ml
Amphetamine	3.037	2945954	40484.47	42.9	2244.49	449244	90.8412 ng/ml
Benzoylecgonine	3.871	43178	745.38	8.4	∞	14266	99.5661 ng/ml
Buprenorphine	5.700	34652	3109.95	16.8	7586.54	136560	11.0247 ng/ml
Bupropion	4.771	1983715	1482.61	62.1	1281.63	664887	96.1669 ng/ml
Carisoprodol	5.714	791276	872.23	61.4	546.32	297596	92.9360 ng/ml
Chlordiazepoxide	5.828	279167	2134.22	167.2	3467.86	457467	94.5605 ng/ml
Chlorpheniramine	5.111	3349800	3424.36	0.3	129.35	1447231	98.2411 ng/ml
Citalopram	5.218	1620582	17684.40	37.5	446.83	582421	102.9053 ng/ml
Clonazepam	5.601	604636	620.65	33.9	1897.51	82720	112.6493 ng/ml
Clonazolam	5.545	601497	15921.13	39.3	371704.96	82720	144.8967 ng/ml
Cocaine	4.257	1149157	759.13	57.9	836.11	997192	98.8986 ng/ml
Codeine	2.573	152025	126.34	103.0	7571.48	83450	106.9896 ng/ml
Cyclobenzaprine	5.618	1488363	166833.92	7.0	118.95	568829	98.1386 ng/ml
Dextromethorphan	5.262	961127	1828.35	77.3	360.52	414284	104.9931 ng/ml
Dextrorphan	4.111	556775	1674.34	219.0	19451.09	570593	103.1701 ng/ml
Diazepam	5.931	617271	2154.19	88.8	7709.46	283580	99.7270 ng/ml
Dihydrocodeine	2.552	424792	614.37	56.7	990.61	268263	108.8343 ng/ml
Diphenhydramine	5.290	4444317	1480.70	31.7	15034.23	2064098	98.9548 ng/ml
DMT	2.838	223014	2489.98	142.7	9499.33	414284	98.0121 ng/ml
Doxylamine	4.525	4188171	44397.84	96.1	159139.82	1729436	105.3271 ng/ml
Duloxetine	5.644	161450	4572.00	15.8	685.33	78086	101.2432 ng/ml
EDDP	5.255	2025005	1786.00	42.3	431.60	965992	96.4806 ng/ml
Etizolam	5.797	276458	10975.48	28.6	496.62	82720	128.3312 ng/ml
Fentanyl	5.081	180717	258.71	65.4	204381.28	791966	10.0411 ng/ml
Flualprazolam	5.695	378473	14026.05	104.6	15815.73	332528	108.2670 ng/ml
Fluorofentanyl	5.135	397469	3705.98	40.5	9437.25	6760	10.6016 ng/ml
Fluoxetine	5.704	1748020	5093.44	7.6	364.69	537829	95.3601 ng/ml

SC



AM #28 Multi-Drug Quant. Results

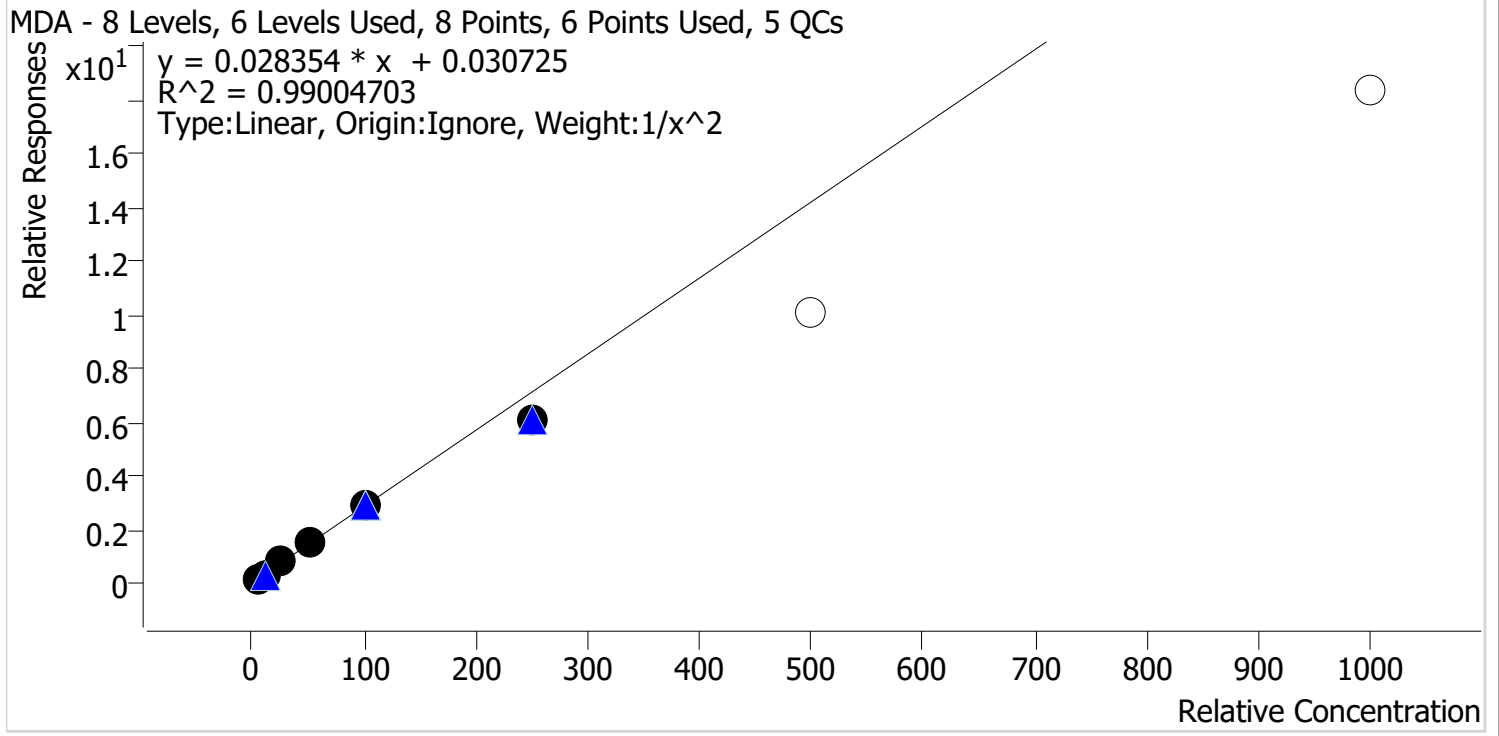
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.013	669473	557.87	32.5	246.84	348575	106.9384 ng/ml
Hydromorphone	1.609	585291	10106.83	73.1	2045.30	172003	105.9804 ng/ml
Hydroxyzine	5.687	1701020	1836.48	77.0	9342.07	414284	92.7122 ng/ml
Ketamine	4.036	1166124	7674.08	39.2	184.10	475768	105.9004 ng/ml
Lamotrigine	4.267	109323	577.54	86.3	970.85	1432336	103.9224 ng/ml
Lorazepam	5.730	366572	1905.43	49.2	3378.12	303074	95.3609 ng/ml
MDA	3.184	1927118	3829.34	35.6	4077.71	673930	99.7667 ng/ml
MDMA	3.285	1177271	12081.29	114.2	5691.76	130338	101.5142 ng/ml
Meprobamate	4.895	688533	787.76	27.5	4617.06	323844	112.6728 ng/ml
Methadone	5.649	3018419	9962.67	47.0	5614.92	1106311	100.7310 ng/ml
Methamphetamine	3.212	3137120	32770.18	31.6	1450.17	1255018	104.5721 ng/ml
Metoprolol	4.320	363655	3916.92	99.5	4411.39	1502281	104.4694 ng/ml
Mirtazapine	4.600	2775947	1847.67	48.0	6560.46	729949	99.0174 ng/ml
Mitragynine	5.209	653076	4606.27	35.4	3386.50	1106311	109.6973 ng/ml
Morphine	1.247	95102	5259.64	17.1	570.78	12296	90.5029 ng/ml
Norbuprenorphine	4.990	6200	36.91	99.7	8084.93	27912	9.8033 ng/ml
Nordiazepam	5.877	517948	2554.33	62.3	998.78	157632	101.6443 ng/ml
Norfentanyl	4.078	285143	768.52	37.6	855.52	994835	9.4278 ng/ml
Norhydrocodone	3.060	122187	204.26	40.0	138.89	70220	100.2703 ng/ml
Noroxycodone	2.904	600960	1046.95	44.3	16061.81	202825	98.2558 ng/ml
O-desmethyl-tramadol	3.366	3061409	2663.68	5.9	860.95	1572456	99.2016 ng/ml
o-desmethylvenlafaxine	4.056	4239331	179825.70	18.2	1709.18	338155	98.4414 ng/ml
Olanzapine	4.400	711211	193083.59	61.6	1526.66	173129	103.7103 ng/ml
Oxazepam	5.740	618479	427.55	74.4	777.75	303074	95.6586 ng/ml
Oxycodone	2.822	1381063	4249.83	28.6	2129.33	553104	102.6553 ng/ml
Oxymorphone	1.405	750377	∞	42.5	∞	236978	104.9725 ng/ml
Phentermine	3.767	774727	1166.83	6.6	3406.62	811859	113.3711 ng/ml
Promethazine	5.534	3017483	48571.33	30.2	614.49	1217915	100.6441 ng/ml
Pseudoephedrine	2.576	3159705	1689.87	18.0	3578.13	1432336	96.7176 ng/ml
Quetiapine	5.523	1671559	44612.06	61.7	740.34	268704	108.6482 ng/ml
Sertraline	5.766	455289	1484.00	97.6	1066.96	197206	94.3505 ng/ml
Temazepam	5.800	1120245	1173.23	27.1	103.81	506502	103.0590 ng/ml
Tramadol	4.239	2910836	∞	3.6	201.10	1502281	102.4338 ng/ml
Trazodone	5.066	2068352	1900103.69	71.0	26098.69	742046	103.7671 ng/ml
Venlafaxine	5.036	2929477	3980.12	33.5	584.73	1411455	95.5342 ng/ml
Zolpidem	4.843	3216689	5771.43	27.6	4112.89	1203454	106.7471 ng/ml

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte MDA **Internal Standard** MDA-D5



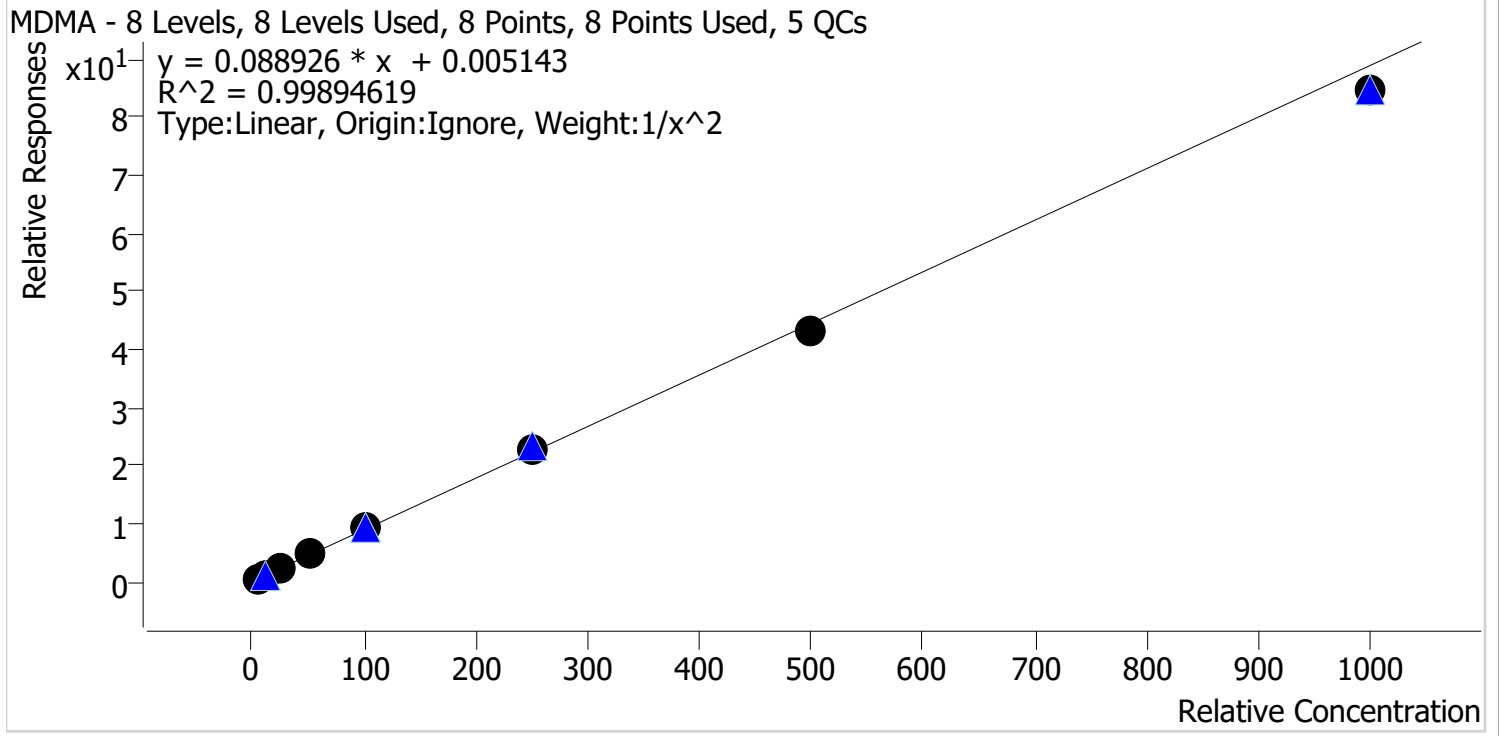
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	213.0	85.2
p1 Cal 7-500ng	7	x	500.0	356.2	71.2
p1 Cal 8-1000ng	8	x	1000.0	646.3	64.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	25.0	99.9
p1 Cal 4-50ng	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	486.1	97.2
p1 Cal 8-1000ng	8	✓	1000.0	951.2	95.1

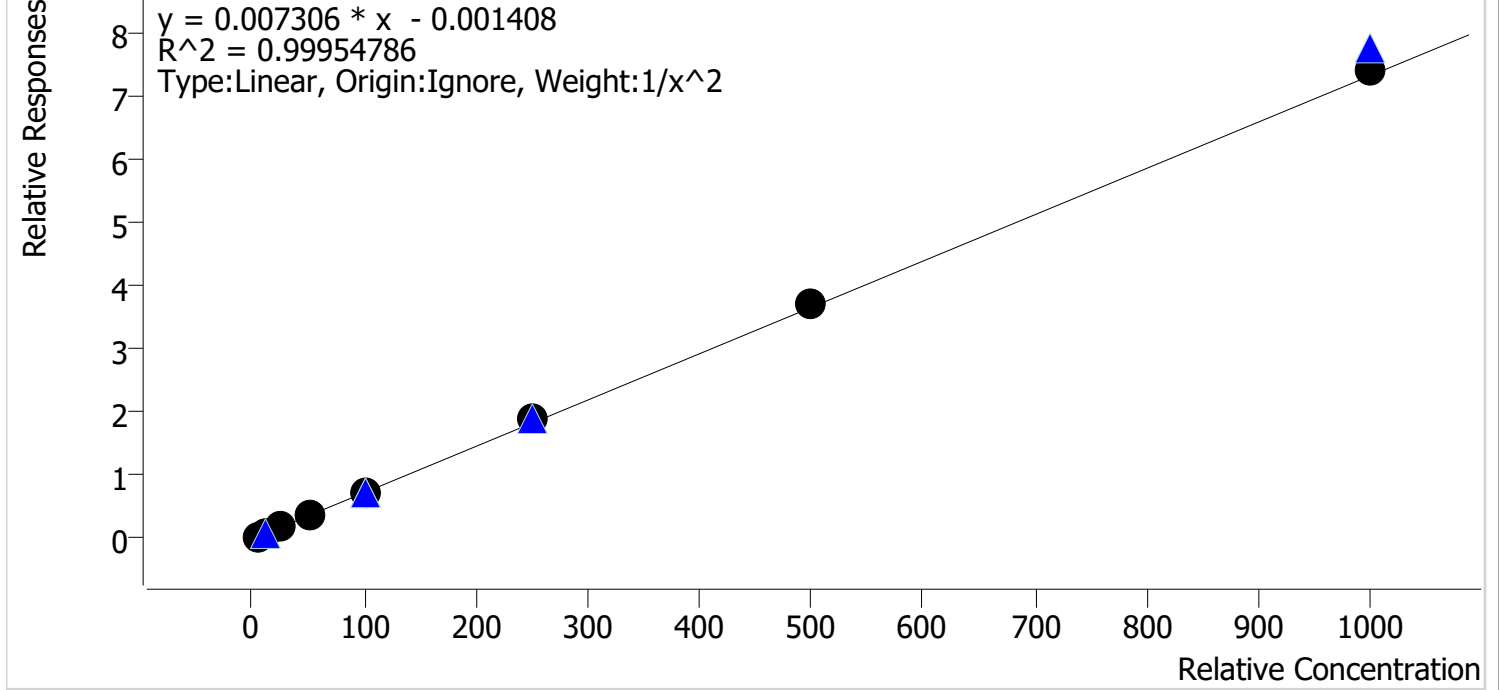
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8

alpha-PHP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



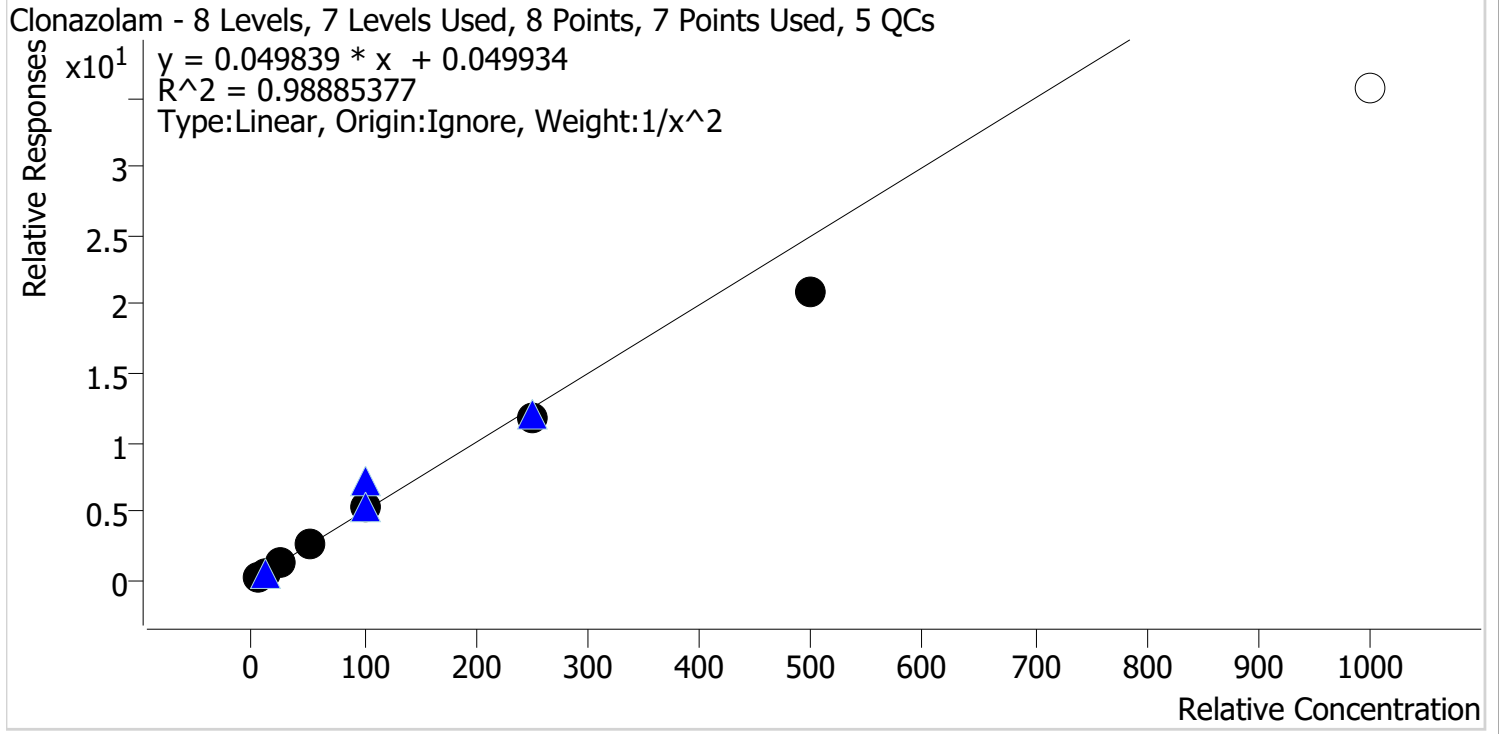
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.3
p1 Cal 4-50ng	4	✓	50.0	48.6	97.2
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	507.2	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1010.9	101.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Clonazolam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.2
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	54.2	108.4
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	238.1	95.2
p1 Cal 7-500ng	7	✓	500.0	419.1	83.8
p1 Cal 8-1000ng	8	x	1000.0	714.1	71.4

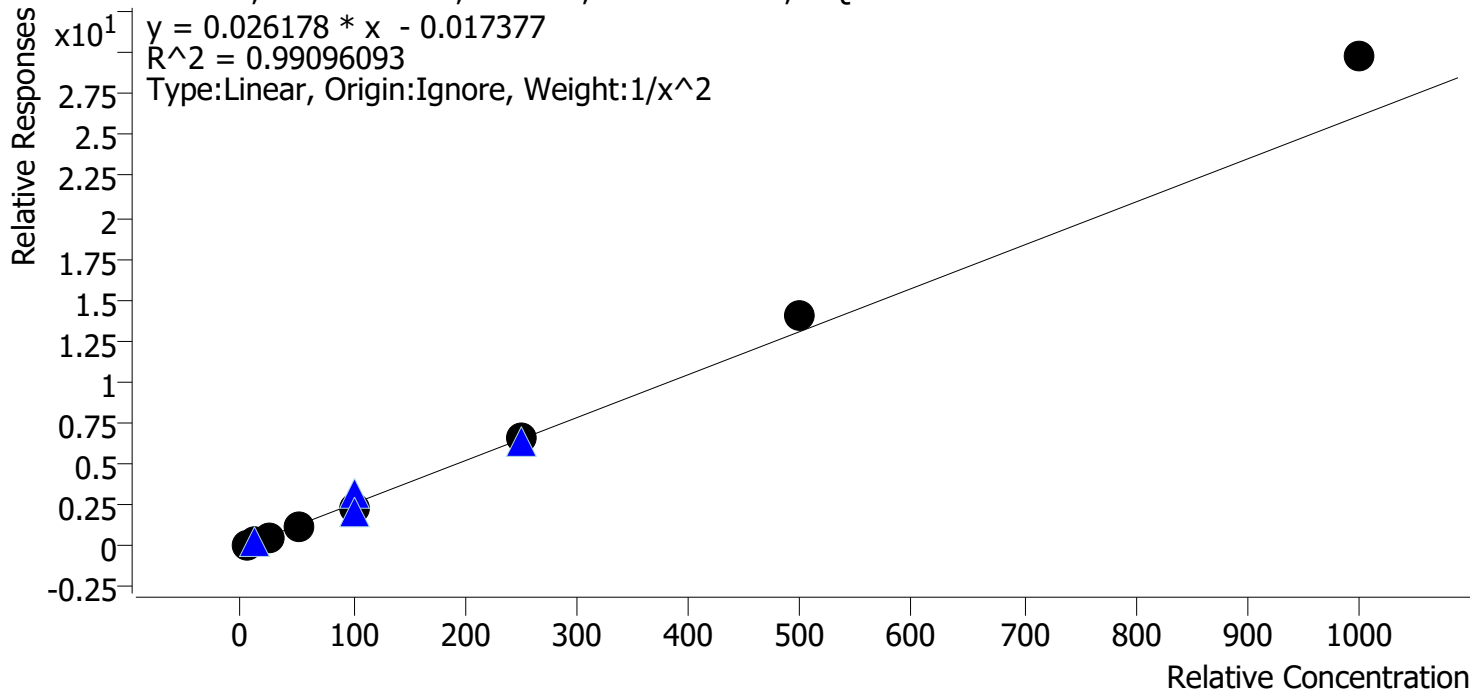
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

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



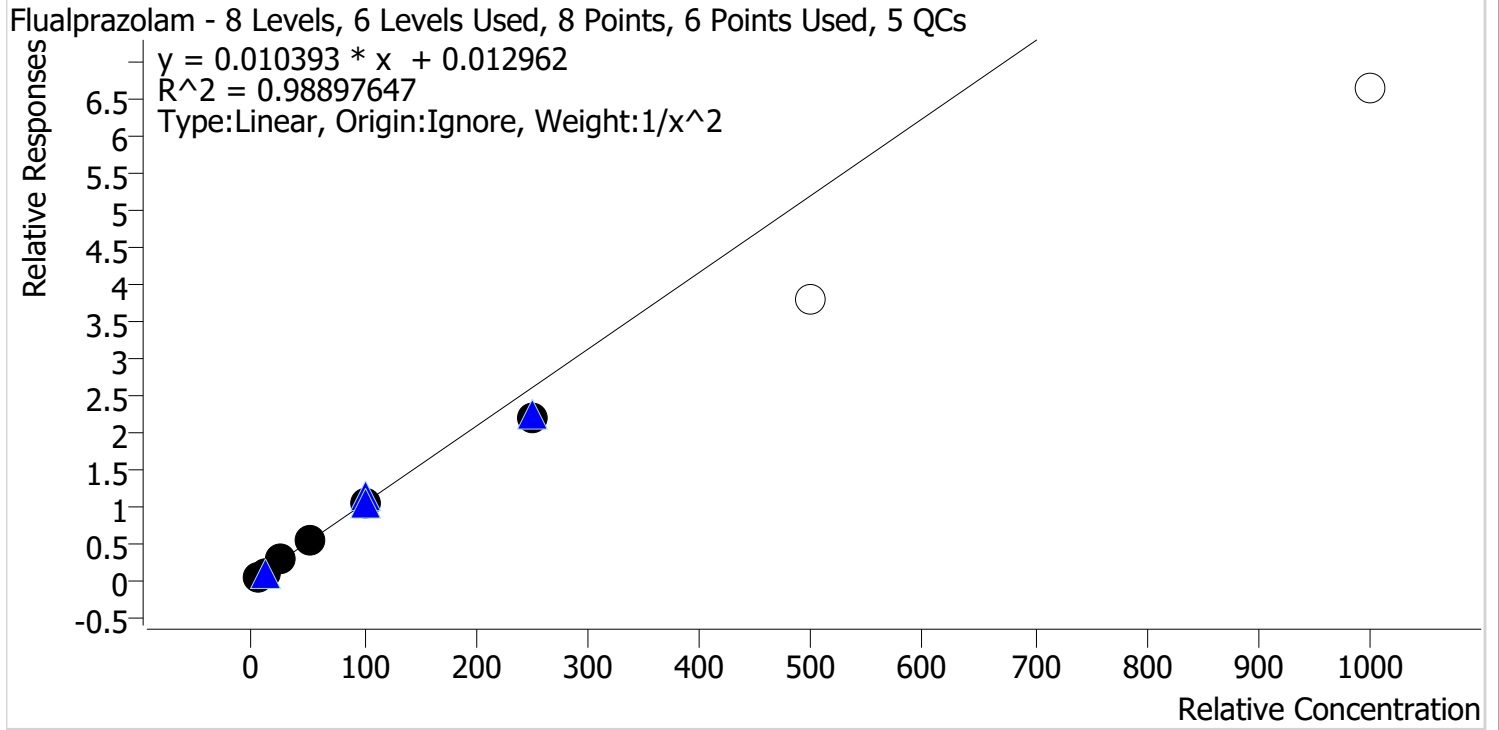
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.3
p1 Cal 2-10ng	2	✓	10.0	9.4	93.9
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	45.3	90.7
p1 Cal 5-100ng	5	✓	100.0	92.6	92.6
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	534.0	106.8
p1 Cal 8-1000ng	8	✓	1000.0	1137.5	113.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.2
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	101.3	101.3
p1 Cal 6-250ng	6	✓	250.0	211.8	84.7
p1 Cal 7-500ng	7	x	500.0	363.4	72.7
p1 Cal 8-1000ng	8	x	1000.0	638.5	63.8

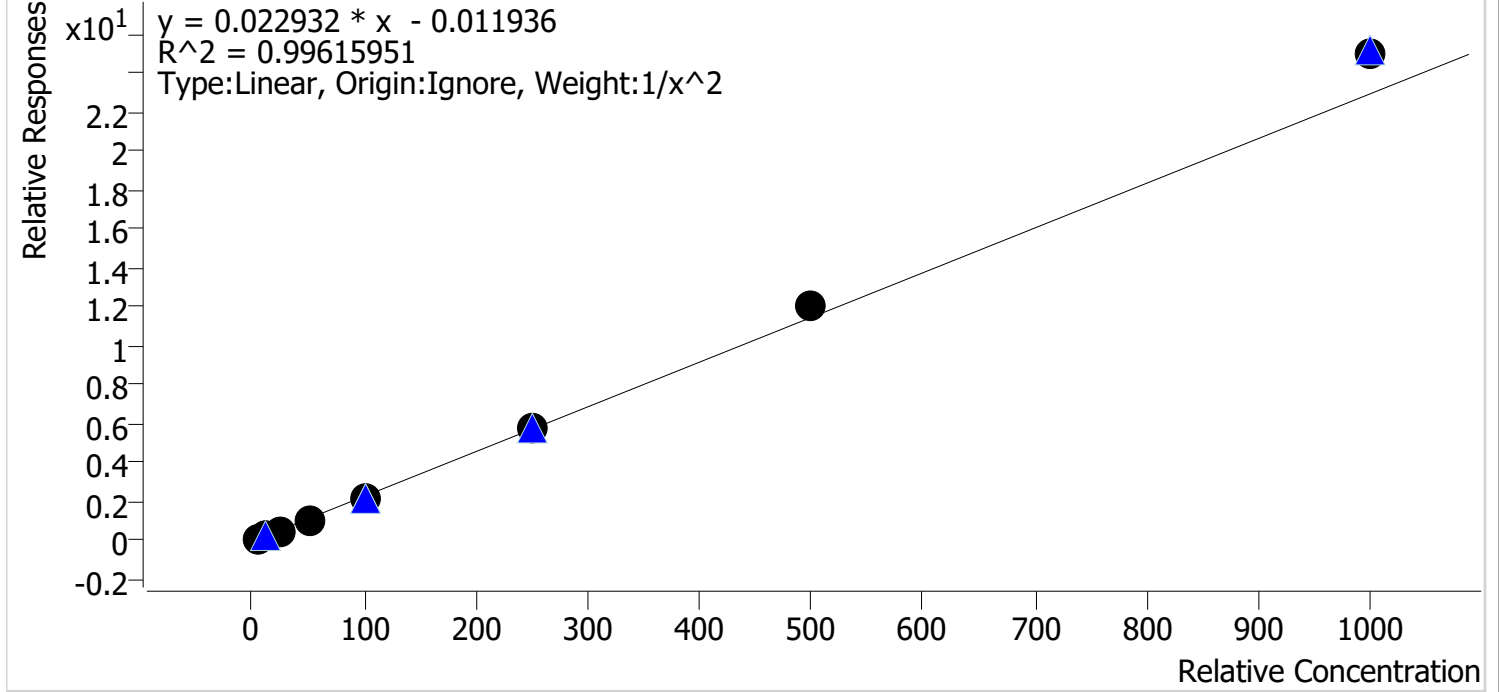
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datator
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

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



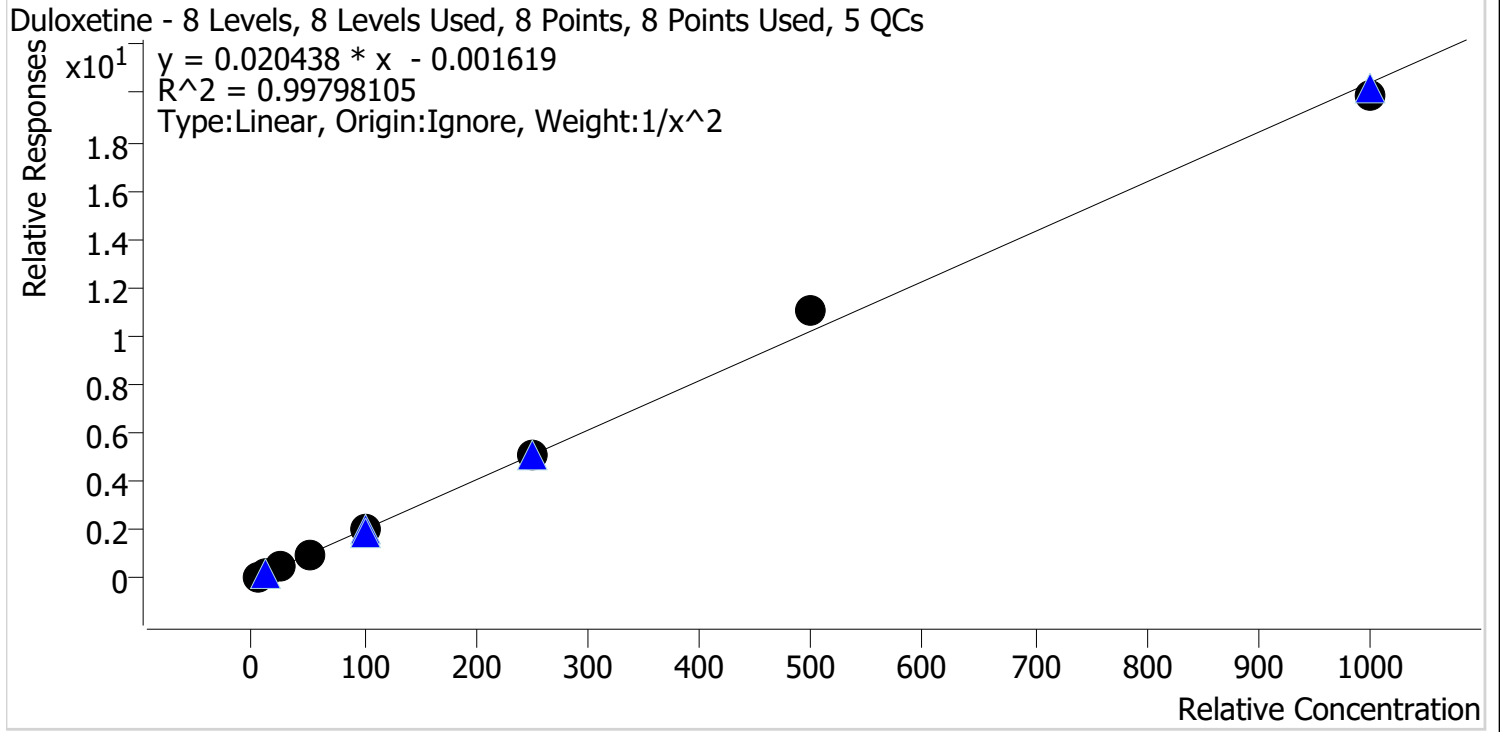
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.6
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	96.7	96.7
p1 Cal 6-250ng	6	✓	250.0	251.6	100.7
p1 Cal 7-500ng	7	✓	500.0	523.3	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1091.2	109.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3



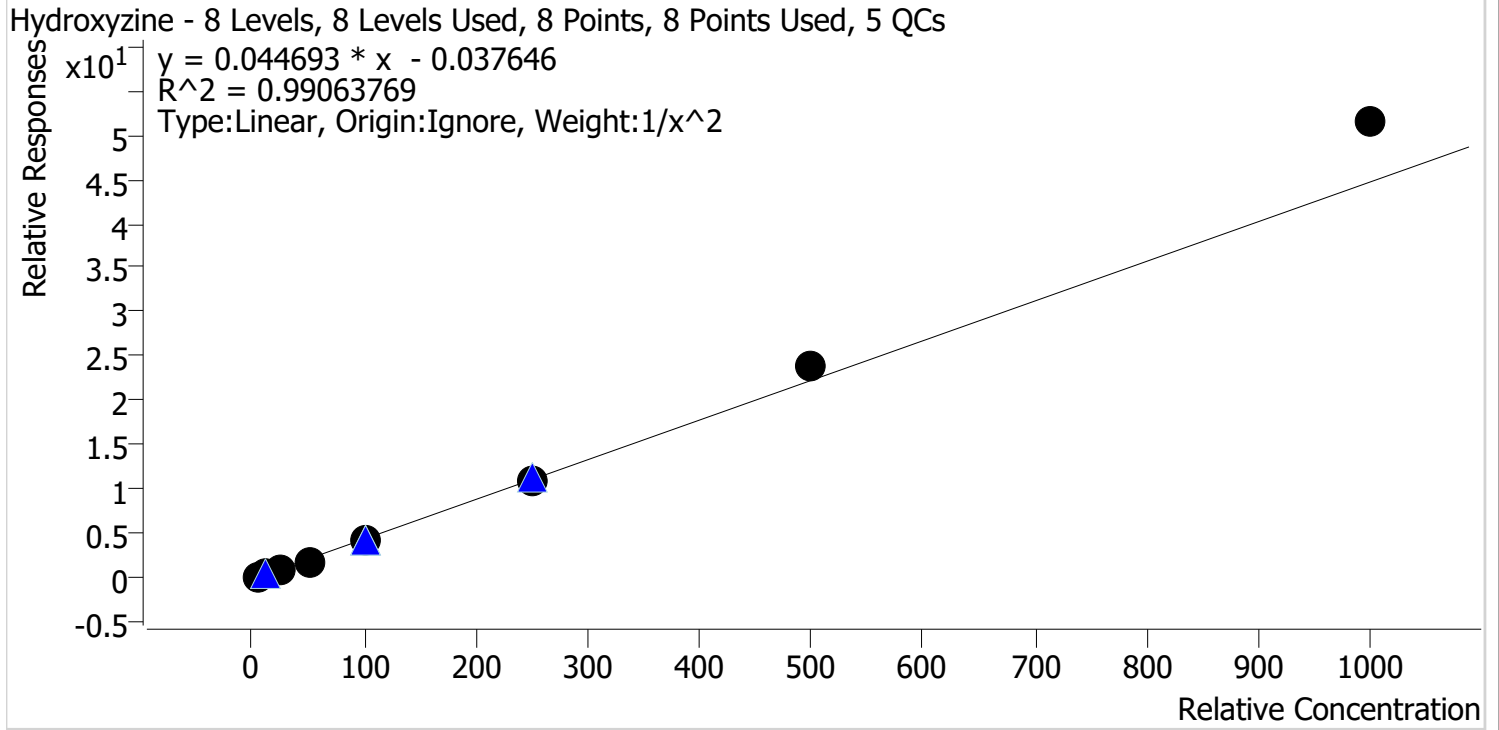
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.6
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	252.1	100.8
p1 Cal 7-500ng	7	✓	500.0	537.8	107.6
p1 Cal 8-1000ng	8	✓	1000.0	975.5	97.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



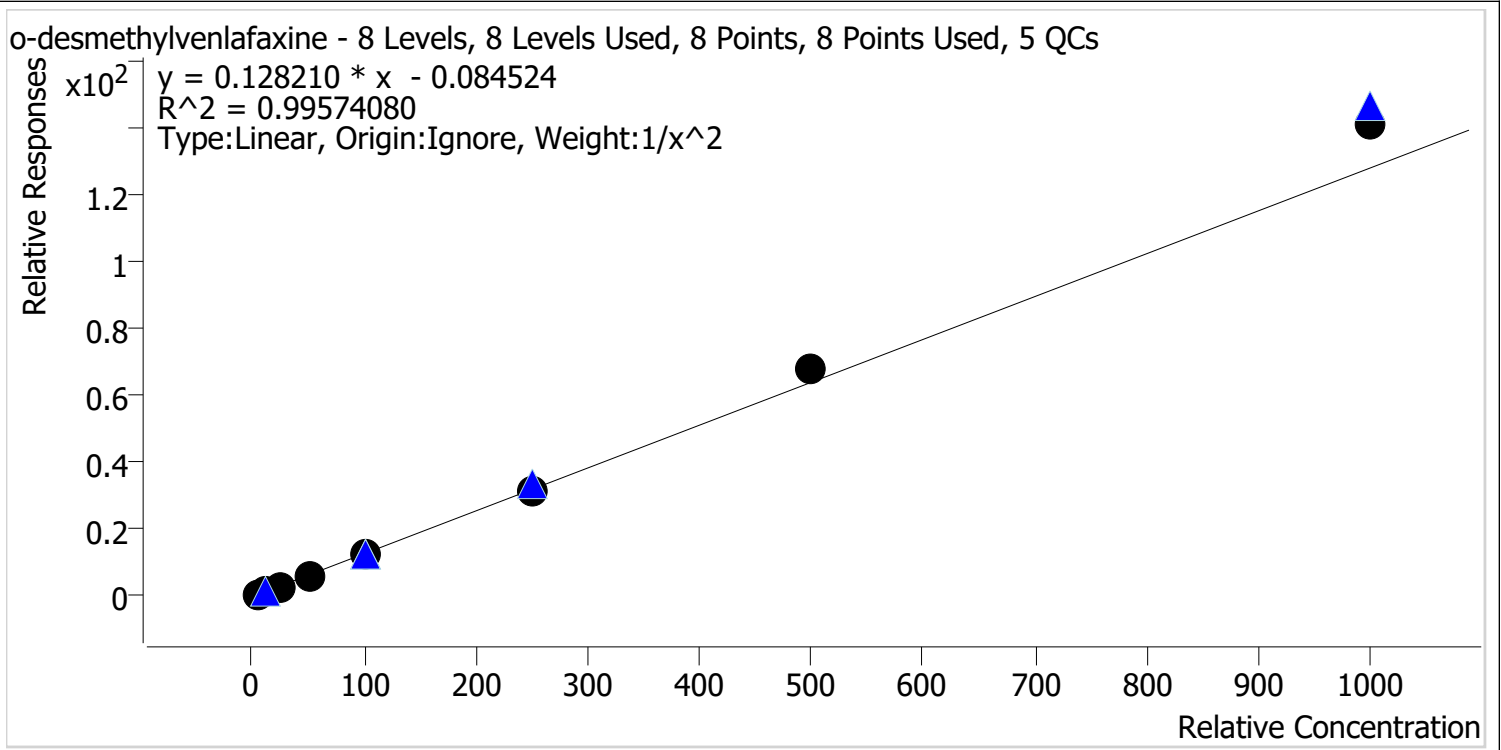
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	45.4	90.7
p1 Cal 5-100ng	5	✓	100.0	93.4	93.4
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	538.1	107.6
p1 Cal 8-1000ng	8	✓	1000.0	1151.0	115.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6



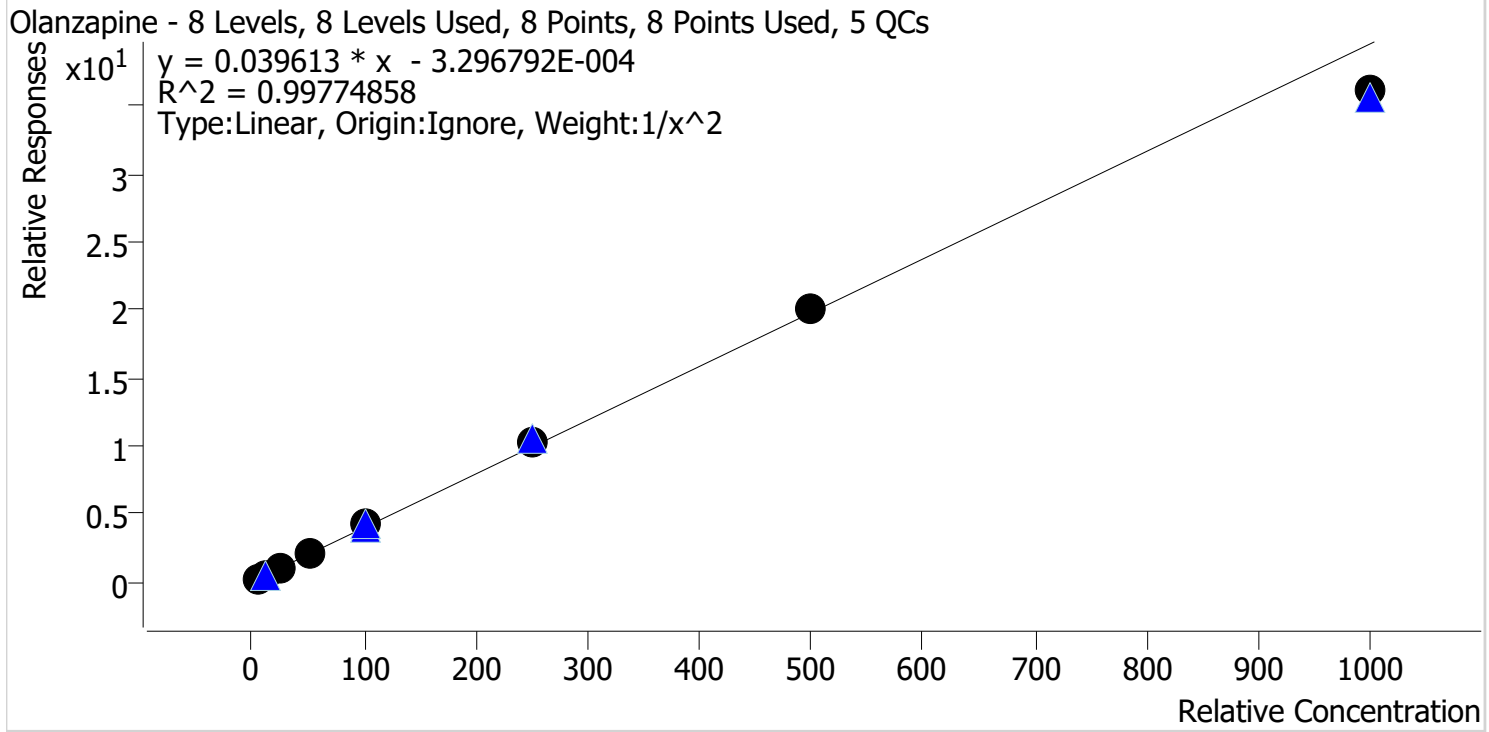
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	241.6	96.6
p1 Cal 7-500ng	7	✓	500.0	529.0	105.8
p1 Cal 8-1000ng	8	✓	1000.0	1101.6	110.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
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	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	259.9	104.0
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	913.1	91.3

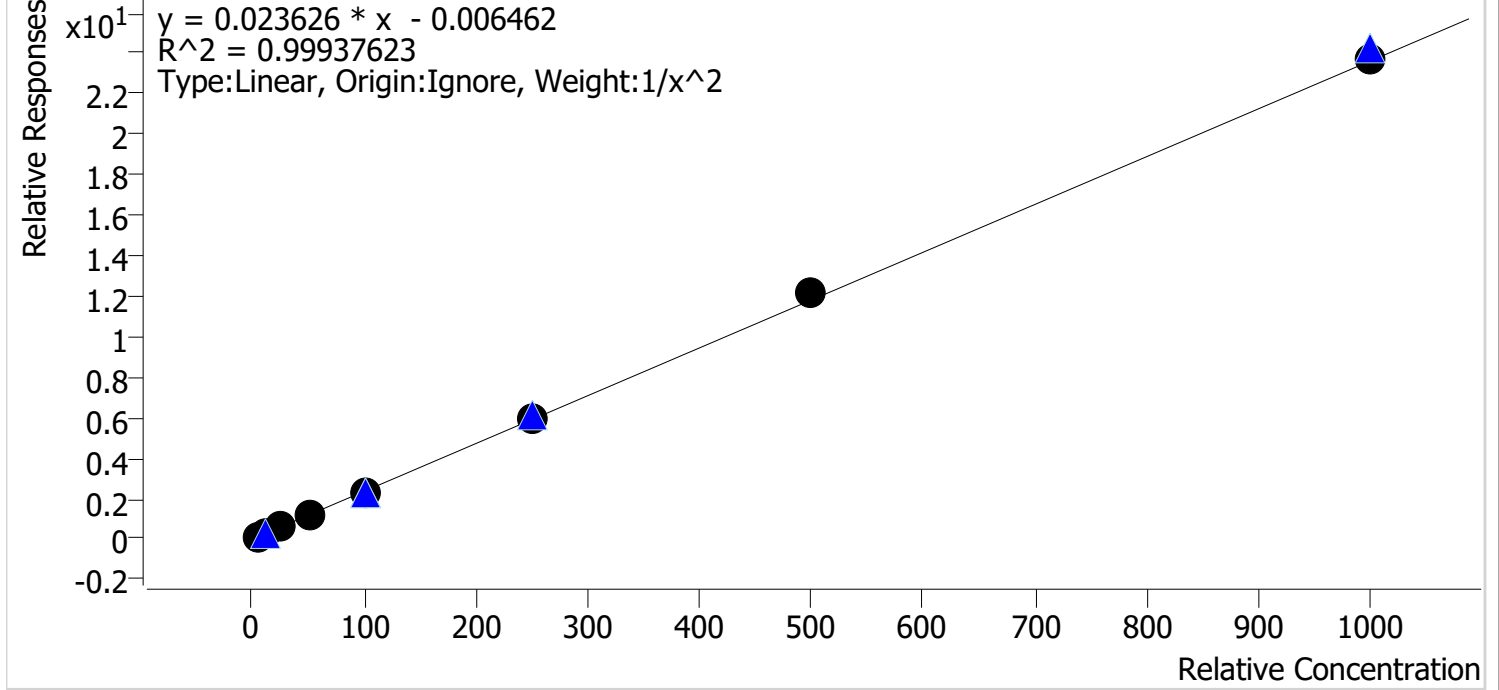
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

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



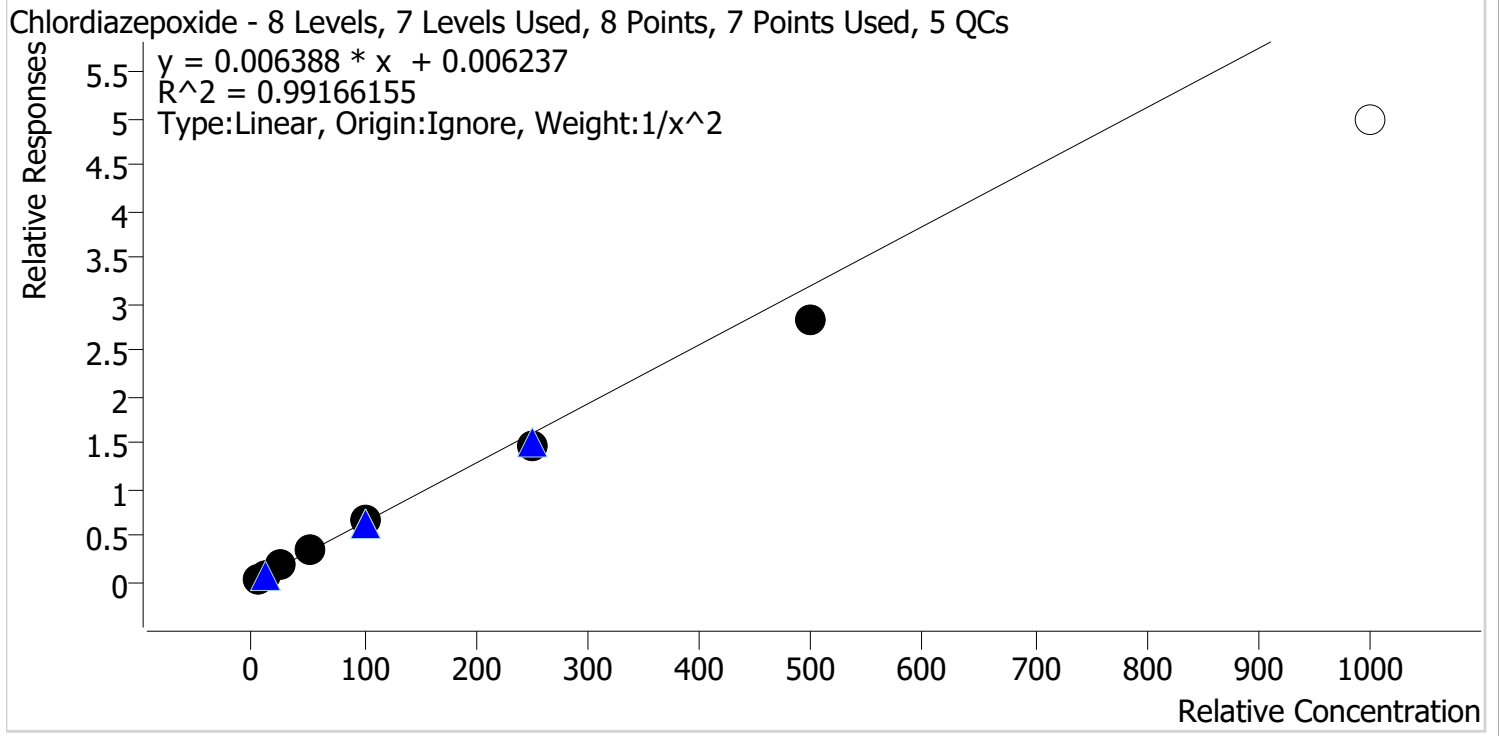
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	98.0	98.0
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1007.6	100.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.4
p1 Cal 4-50ng	4	✓	50.0	53.6	107.1
p1 Cal 5-100ng	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng	6	✓	250.0	230.8	92.3
p1 Cal 7-500ng	7	✓	500.0	442.1	88.4
p1 Cal 8-1000ng	8	✗	1000.0	781.7	78.2

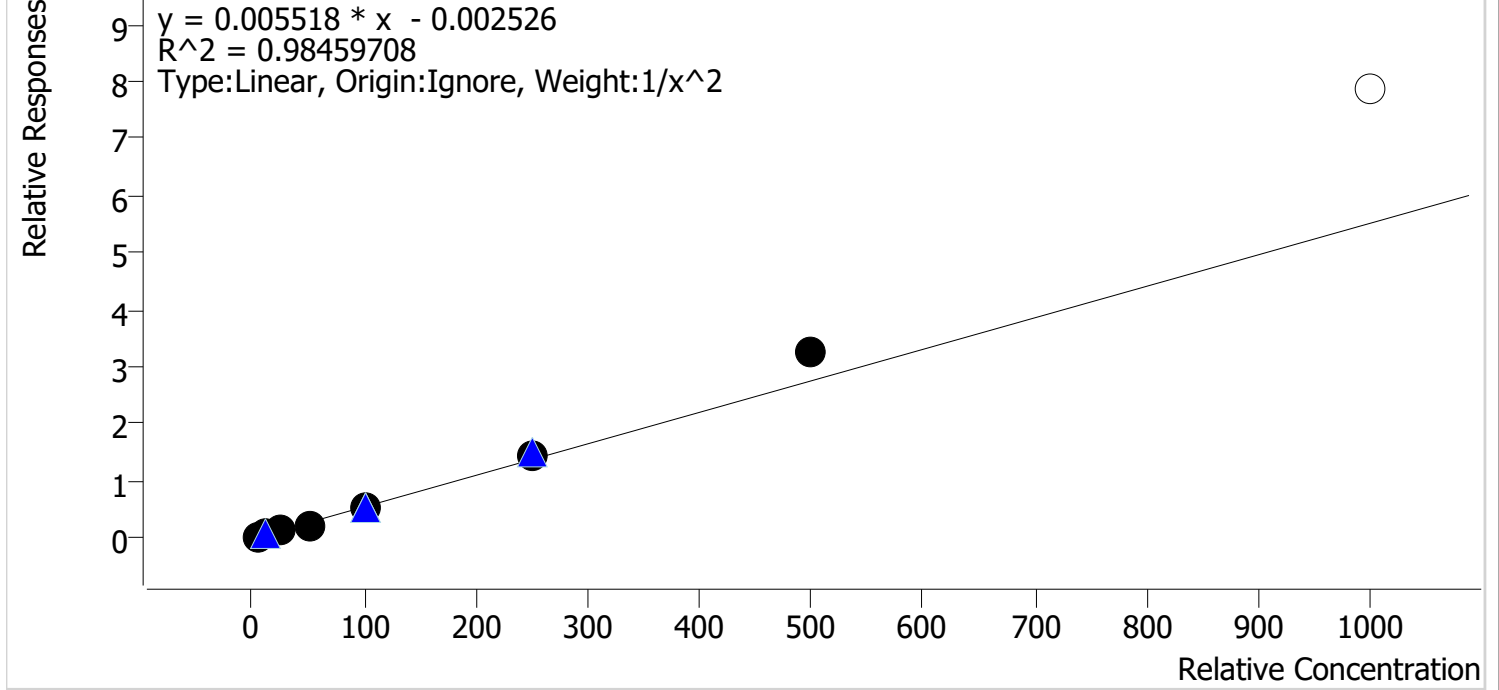
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3

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



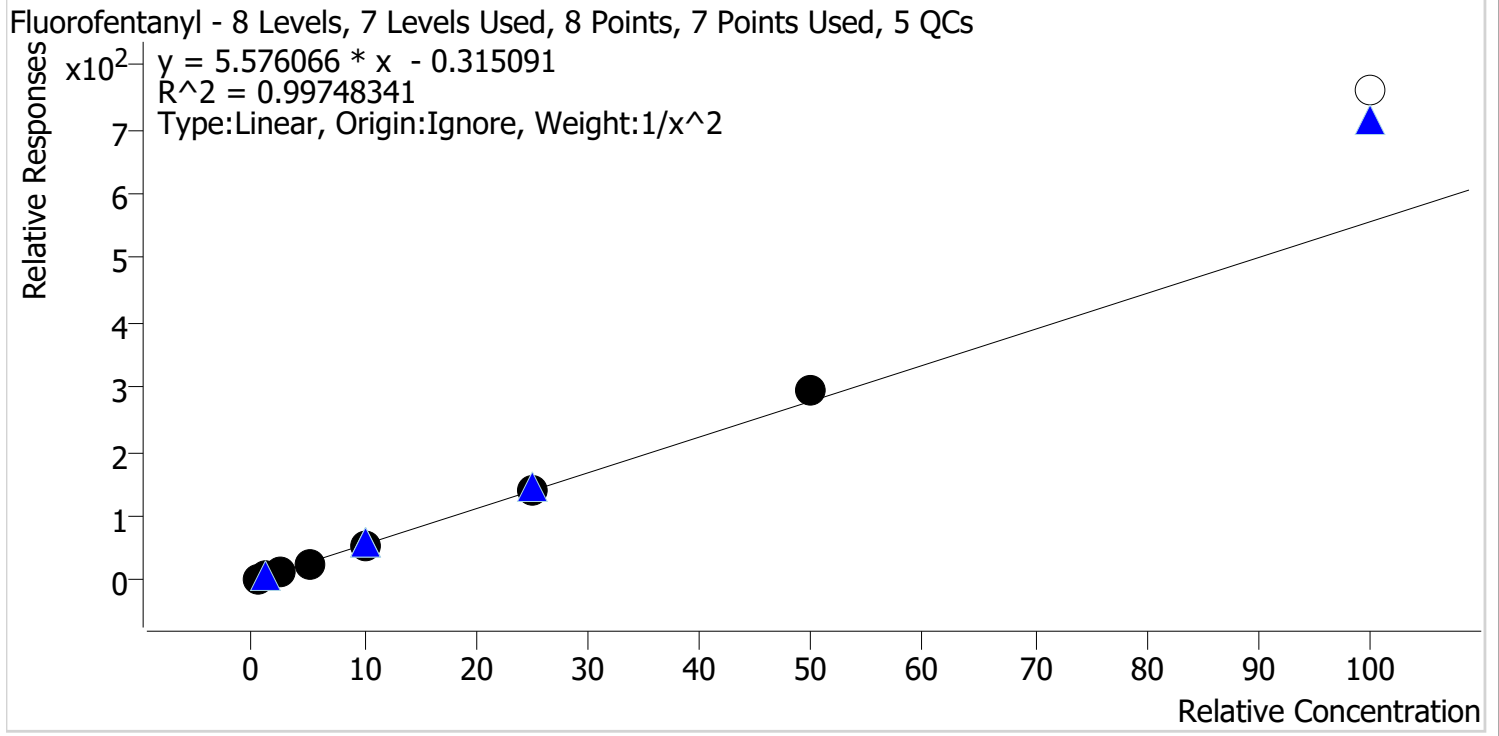
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.5
p1 Cal 2-10ng	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng	3	✓	25.0	23.0	91.9
p1 Cal 4-50ng	4	✓	50.0	44.5	88.9
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	265.6	106.2
p1 Cal 7-500ng	7	✓	500.0	593.5	118.7
p1 Cal 8-1000ng	8	✗	1000.0	1421.1	142.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
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	100.8
p1 Cal 2-10ng	2	✓	1.0	1.0	100.7
p1 Cal 3 -25ng	3	✓	2.5	2.4	97.6
p1 Cal 4-50ng	4	✓	5.0	4.6	92.7
p1 Cal 5-100ng	5	✓	10.0	9.9	99.3
p1 Cal 6-250ng	6	✓	25.0	25.6	102.4
p1 Cal 7-500ng	7	✓	50.0	53.2	106.5
p1 Cal 8-1000ng	8	x	100.0	136.6	136.6

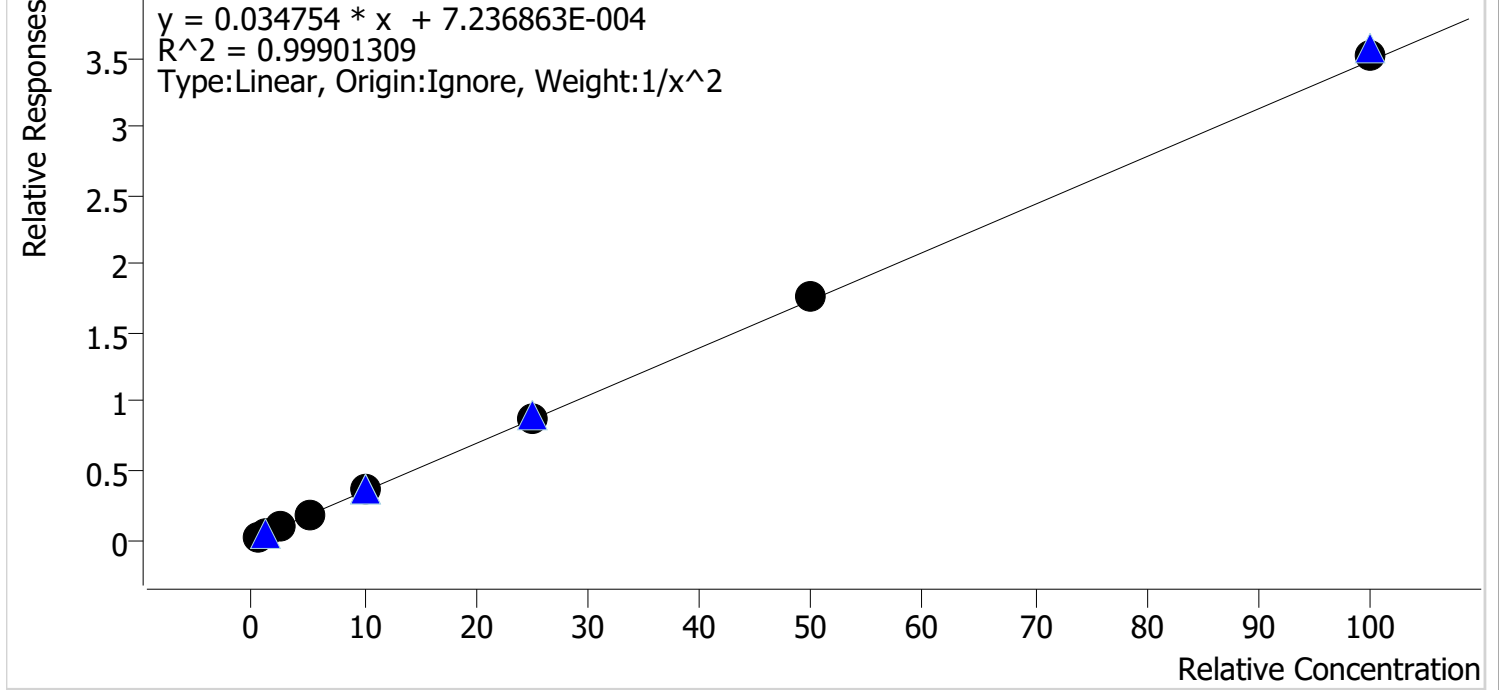
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.6
p1 Cal 2-10ng	2	✓	1.0	1.0	97.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.1
p1 Cal 4-50ng	4	✓	5.0	4.7	94.5
p1 Cal 5-100ng	5	✓	10.0	10.3	102.8
p1 Cal 6-250ng	6	✓	25.0	25.3	101.0
p1 Cal 7-500ng	7	✓	50.0	50.6	101.3
p1 Cal 8-1000ng	8	✓	100.0	101.2	101.2

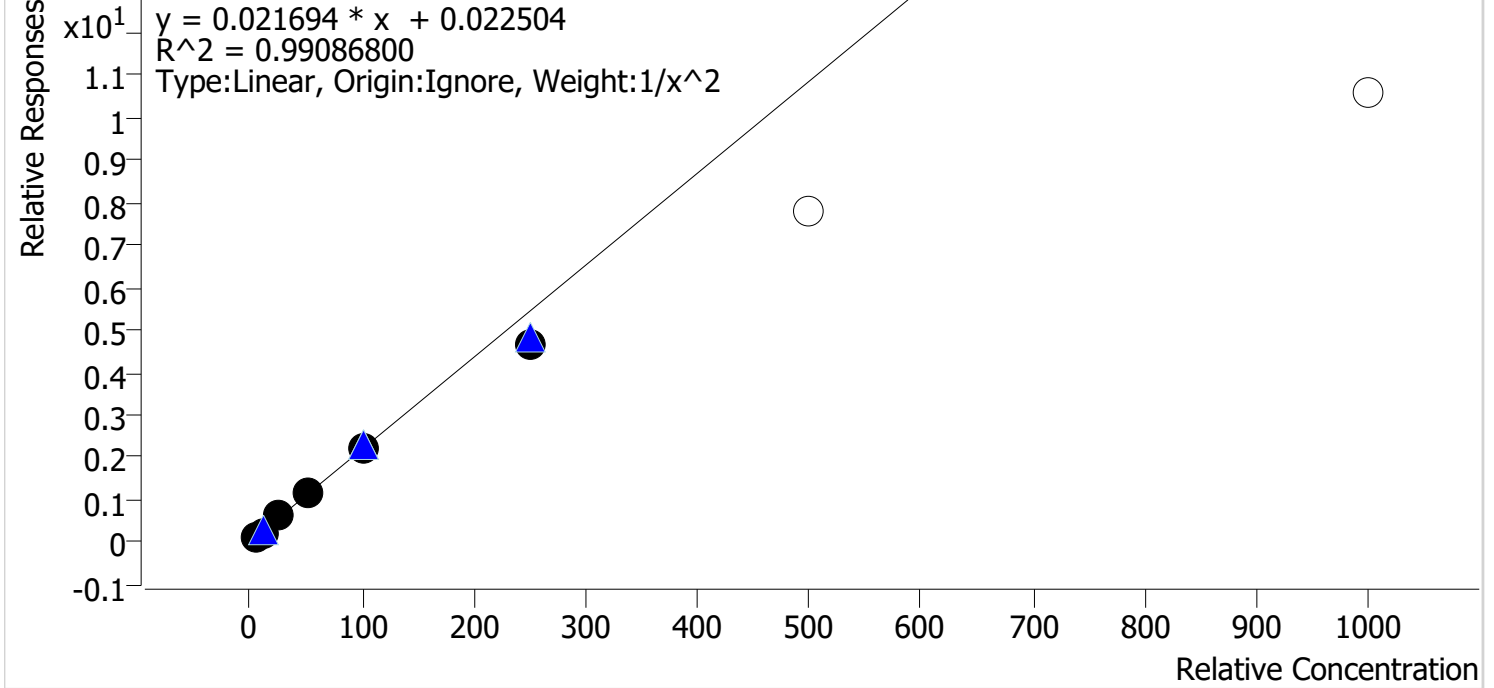
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datator
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.3
p1 Cal 4-50ng	4	✓	50.0	53.3	106.6
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	214.6	85.9
p1 Cal 7-500ng	7	x	500.0	359.4	71.9
p1 Cal 8-1000ng	8	x	1000.0	488.7	48.9

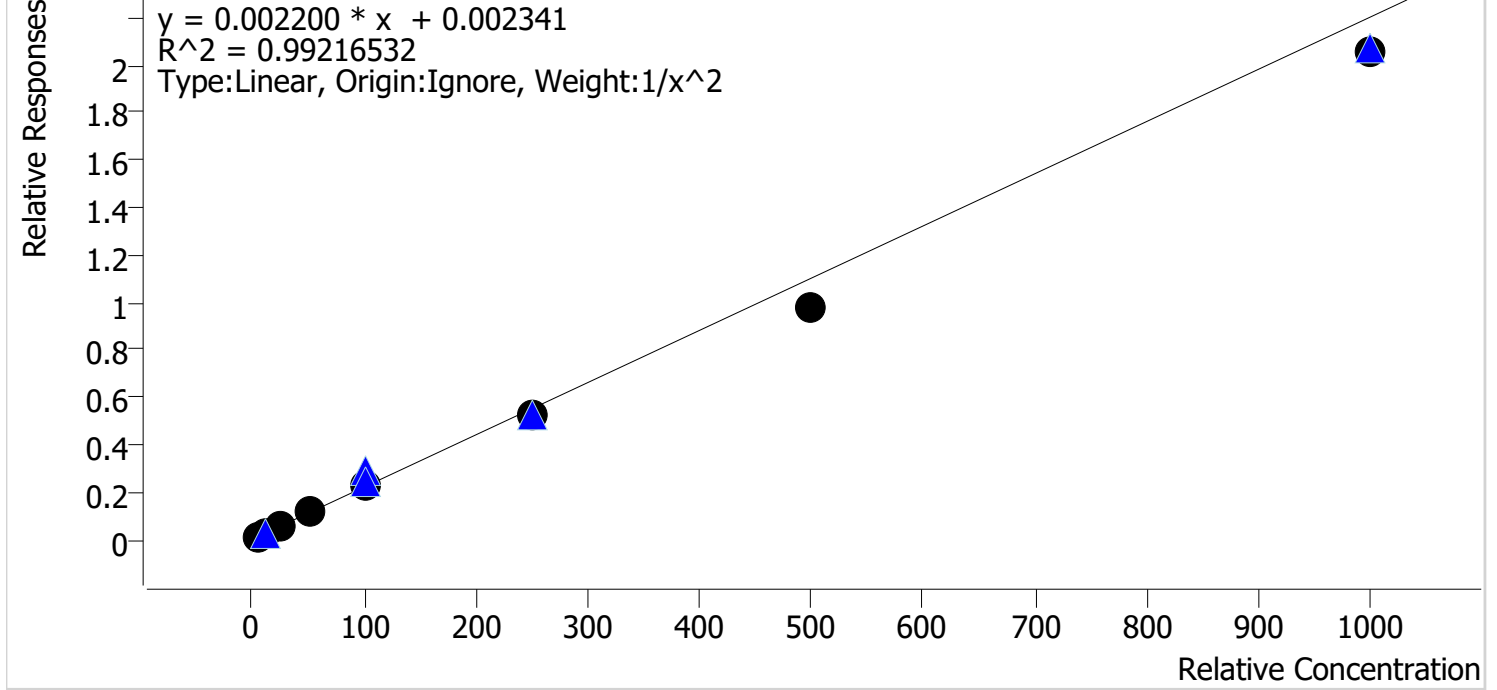
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5

a-hydroxyalprazolam - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	27.5	109.9
p1 Cal 4-50ng	4	✓	50.0	54.5	108.9
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	236.6	94.6
p1 Cal 7-500ng	7	✓	500.0	446.7	89.3
p1 Cal 8-1000ng	8	✓	1000.0	935.0	93.5

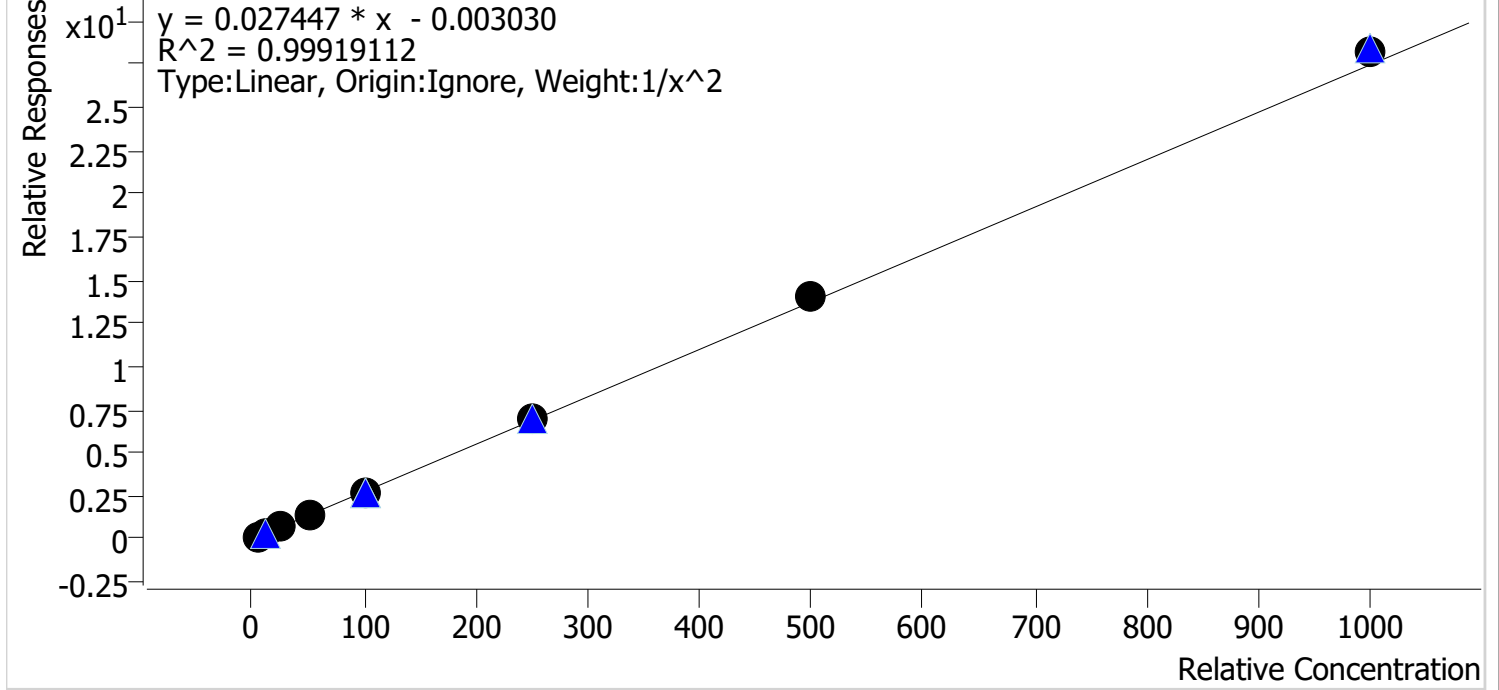
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

alpha-PVP - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 5 QCs



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.3
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.5	97.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.9
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	255.1	102.0
p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
p1 Cal 8-1000ng	8	✓	1000.0	1029.3	102.9

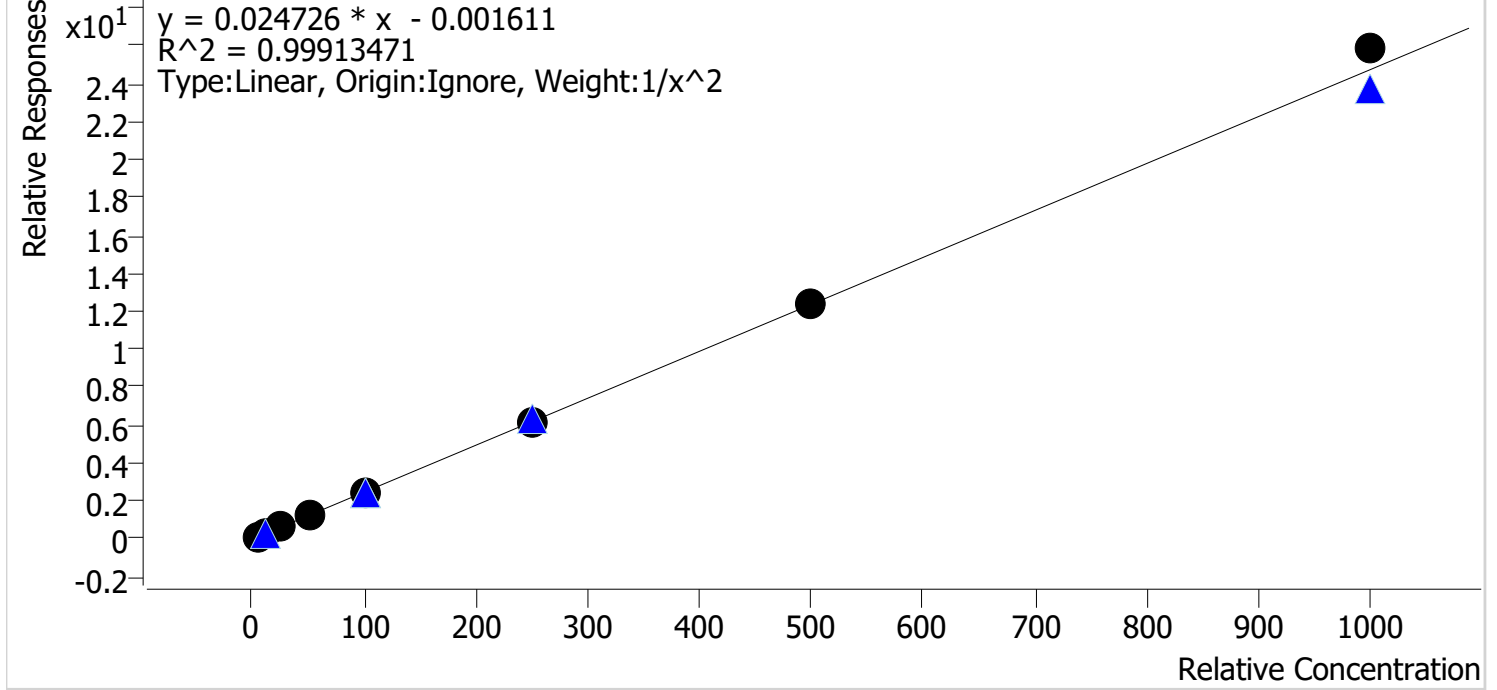
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng	3	✓	25.0	24.0	95.9
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	249.9	99.9
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1044.8	104.5

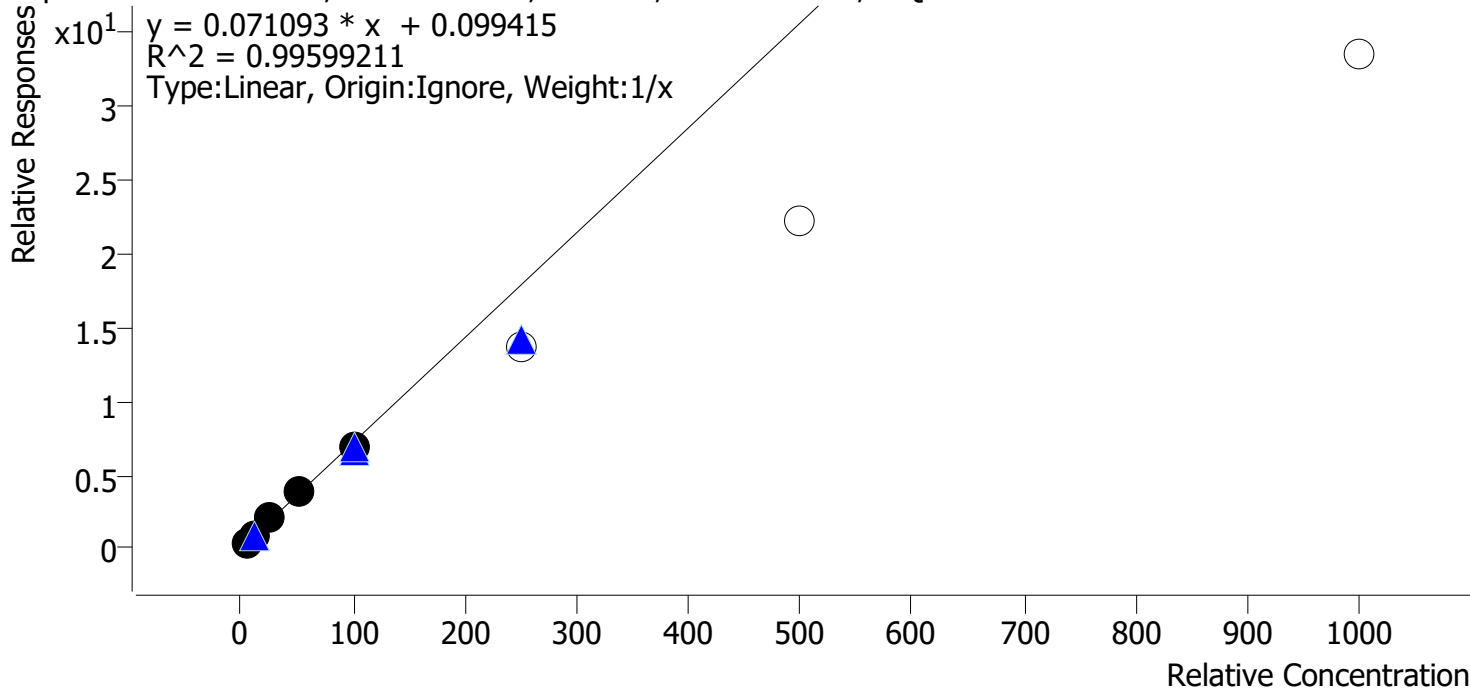
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	89.5
p1 Cal 2-10ng	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	51.8	103.5
p1 Cal 5-100ng	5	✓	100.0	96.2	96.2
p1 Cal 6-250ng	6	✗	250.0	190.1	76.0
p1 Cal 7-500ng	7	✗	500.0	311.5	62.3
p1 Cal 8-1000ng	8	✗	1000.0	469.7	47.0

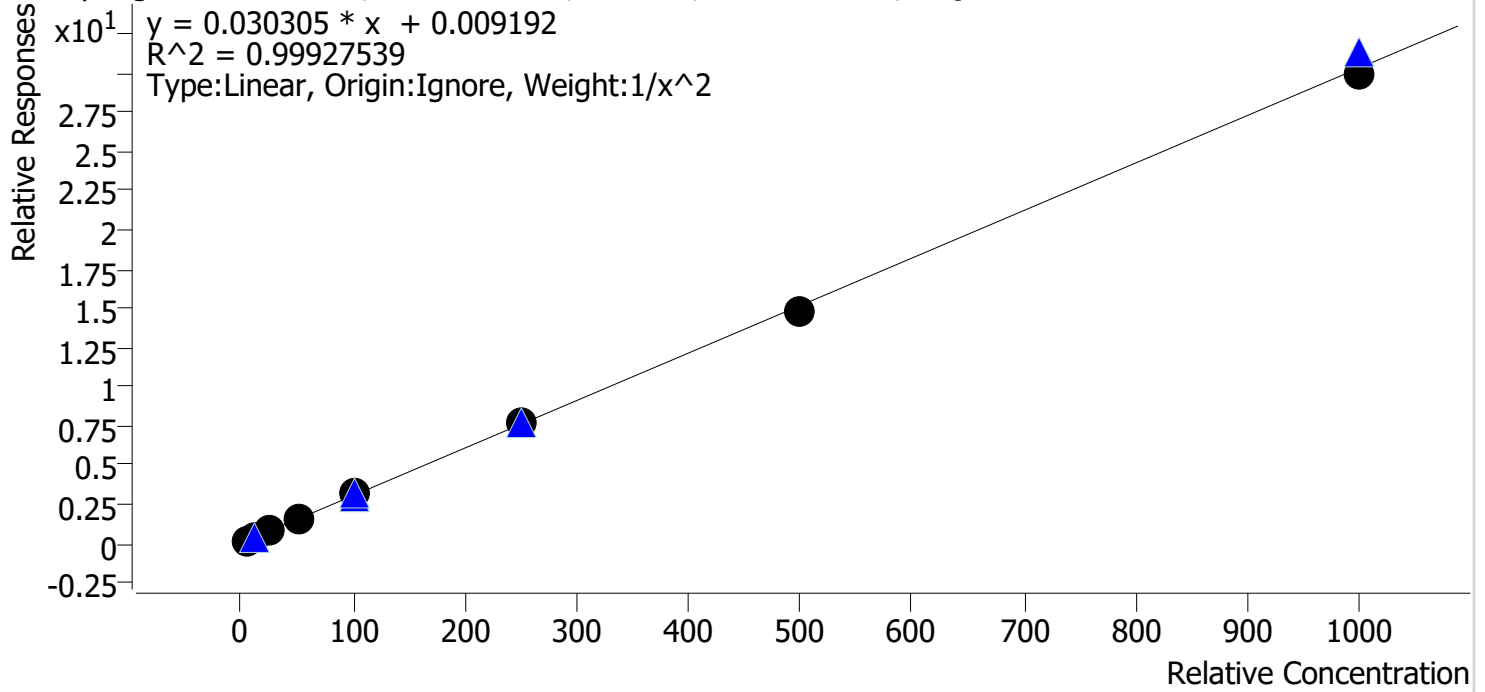
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8

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



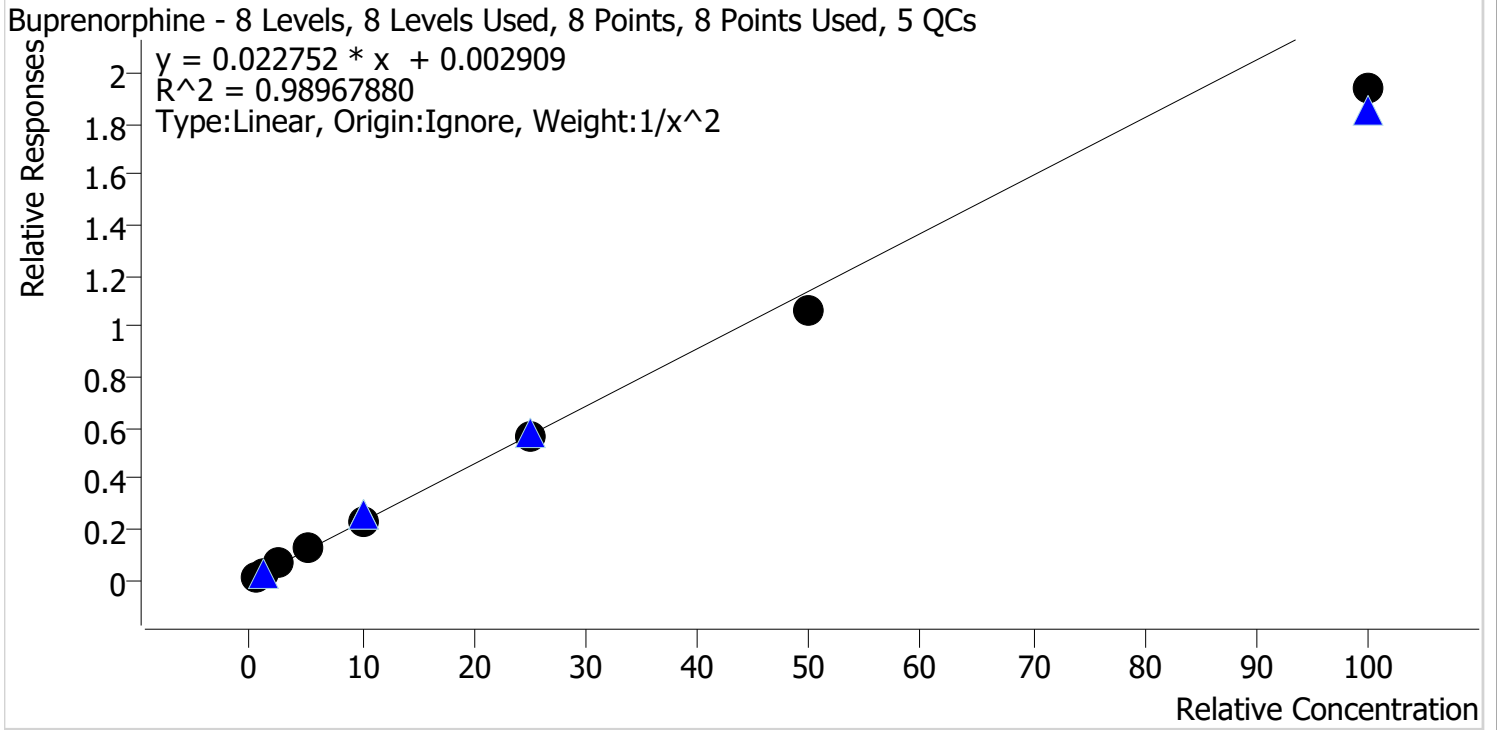
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.3	103.1
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	101.2	101.2
p1 Cal 6-250ng	6	✓	250.0	251.2	100.5
p1 Cal 7-500ng	7	✓	500.0	487.6	97.5
p1 Cal 8-1000ng	8	✓	1000.0	989.7	99.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4



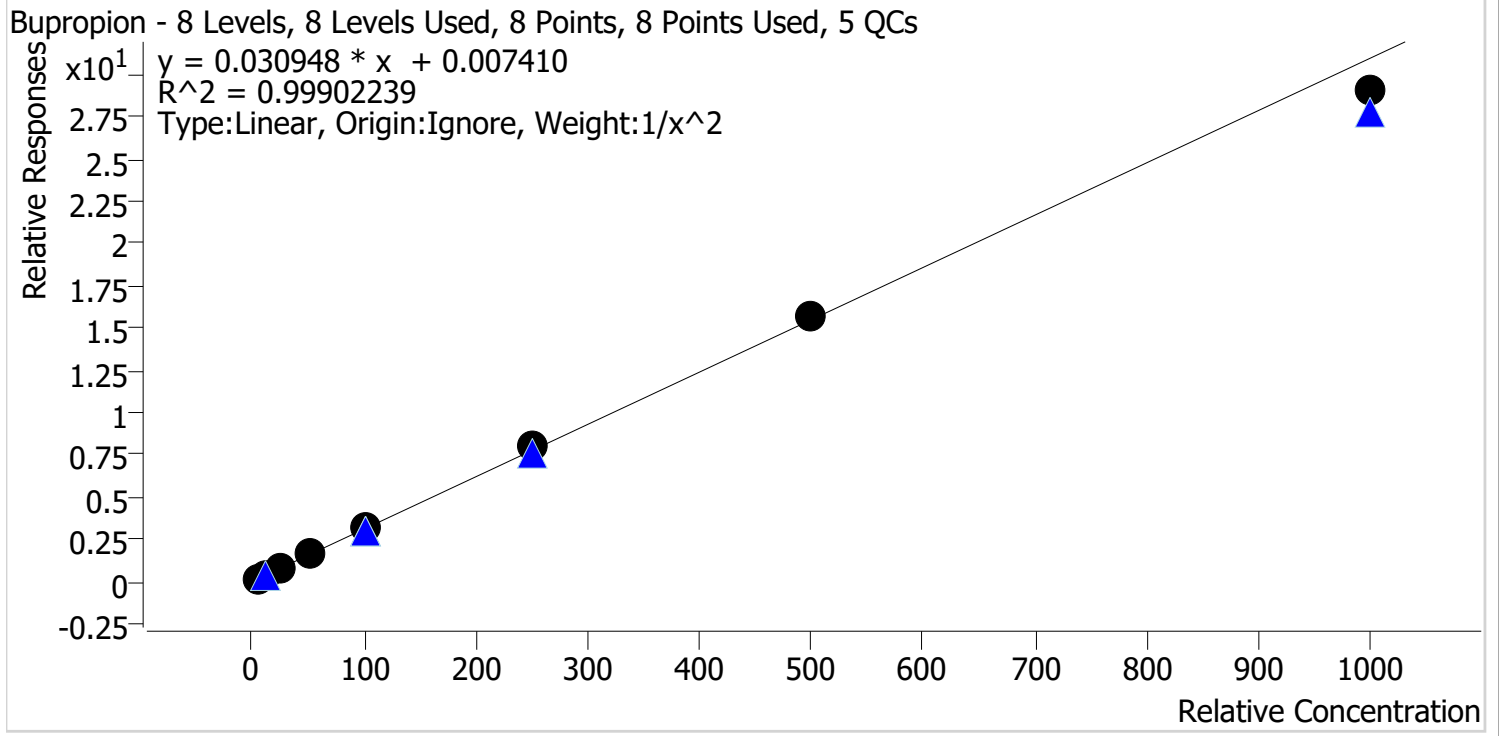
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	93.9
p1 Cal 2-10ng	2	✓	1.0	1.1	106.6
p1 Cal 3 -25ng	3	✓	2.5	2.7	108.4
p1 Cal 4-50ng	4	✓	5.0	5.6	111.3
p1 Cal 5-100ng	5	✓	10.0	10.2	102.3
p1 Cal 6-250ng	6	✓	25.0	24.7	98.8
p1 Cal 7-500ng	7	✓	50.0	46.8	93.6
p1 Cal 8-1000ng	8	✓	100.0	85.1	85.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.7
p1 Cal 4-50ng	4	✓	50.0	50.2	100.4
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	508.6	101.7
p1 Cal 8-1000ng	8	✓	1000.0	938.1	93.8

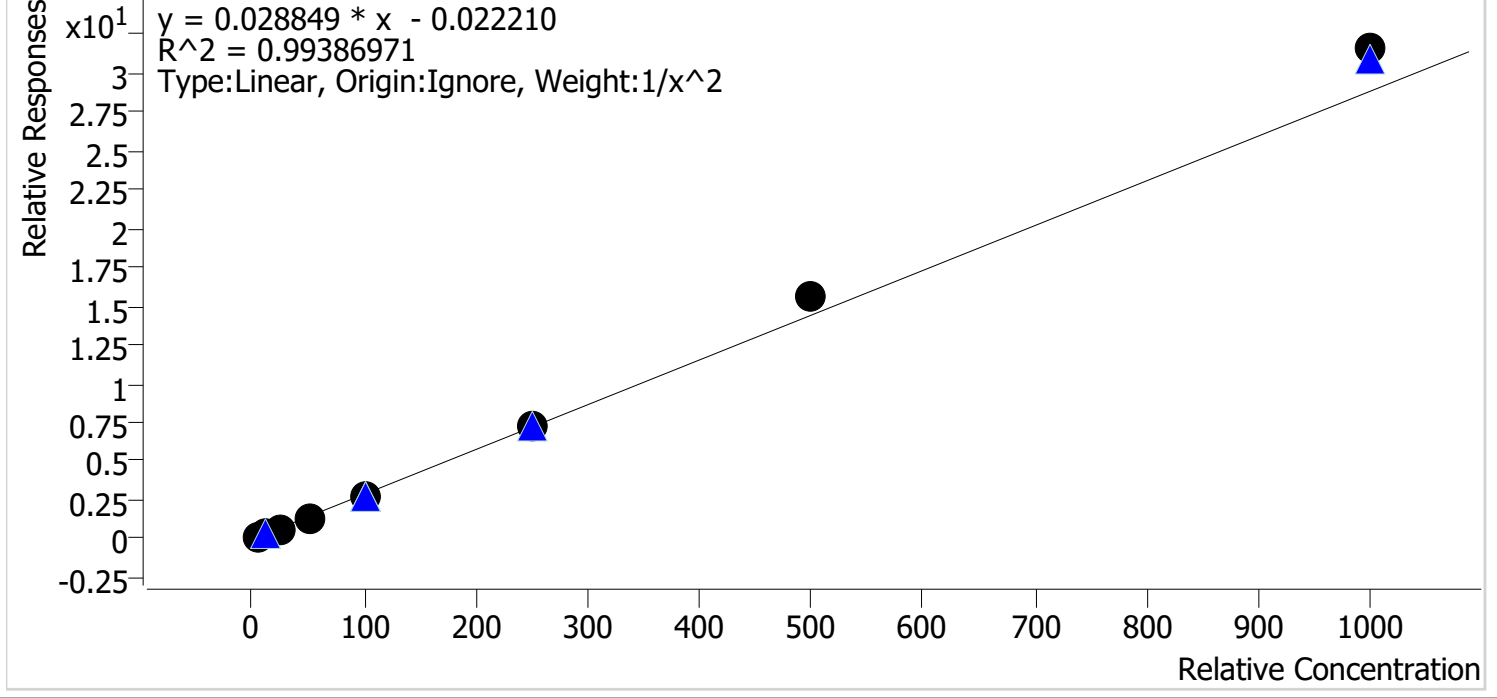
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.8
p1 Cal 2-10ng	2	✓	10.0	9.7	96.6
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	46.7	93.3
p1 Cal 5-100ng	5	✓	100.0	92.8	92.8
p1 Cal 6-250ng	6	✓	250.0	255.4	102.1
p1 Cal 7-500ng	7	✓	500.0	540.8	108.2
p1 Cal 8-1000ng	8	✓	1000.0	1095.3	109.5

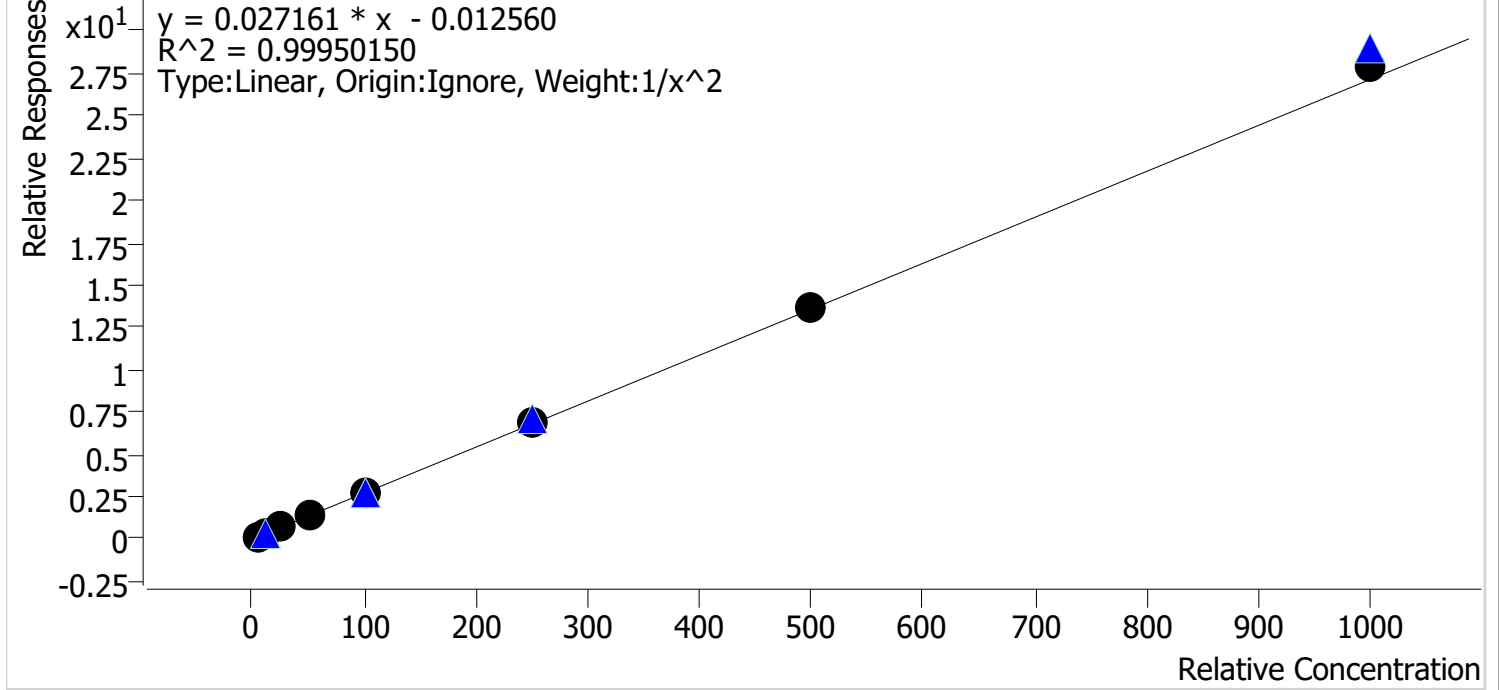
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



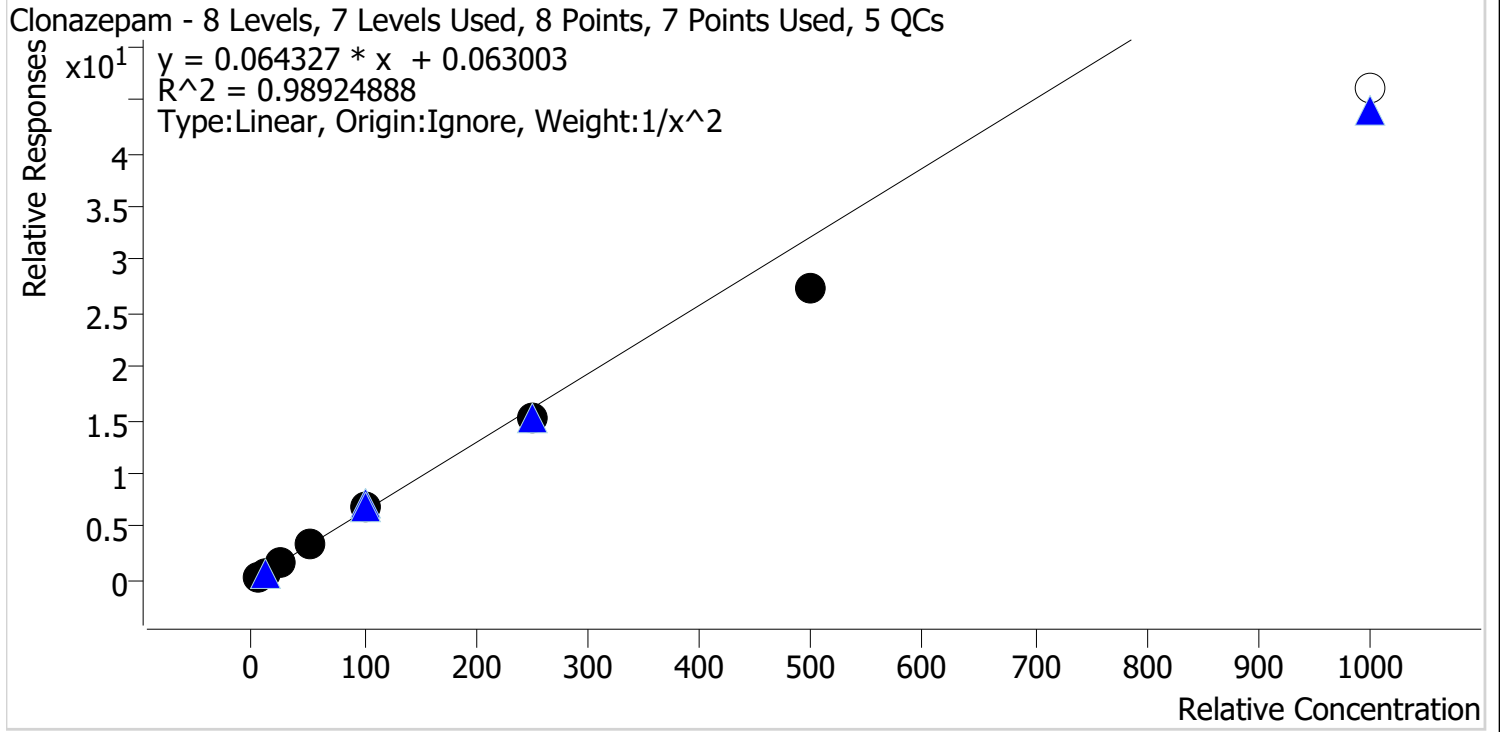
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.0
p1 Cal 4-50ng	4	✓	50.0	49.5	99.1
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	501.9	100.4
p1 Cal 8-1000ng	8	✓	1000.0	1030.2	103.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.6
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	103.7	103.7
p1 Cal 6-250ng	6	✓	250.0	236.8	94.7
p1 Cal 7-500ng	7	✓	500.0	423.3	84.7
p1 Cal 8-1000ng	8	x	1000.0	715.4	71.5

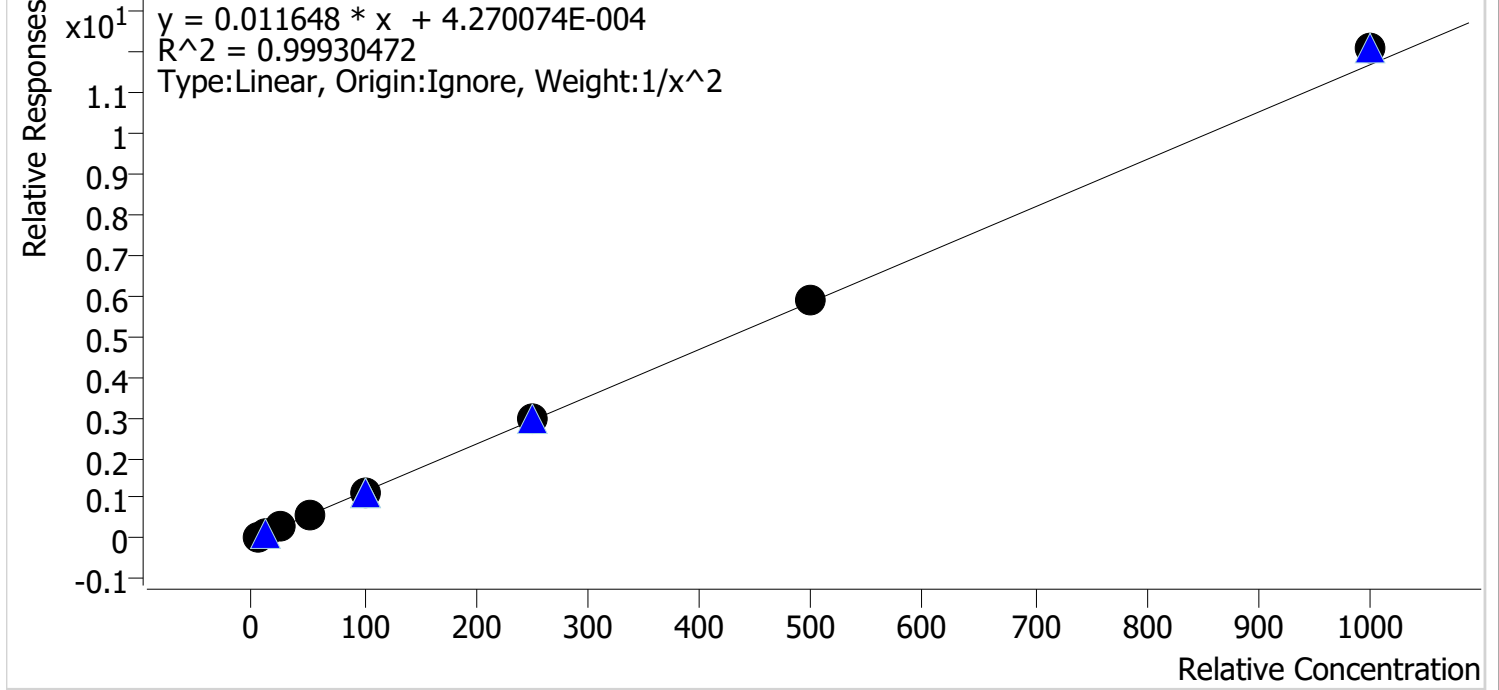
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



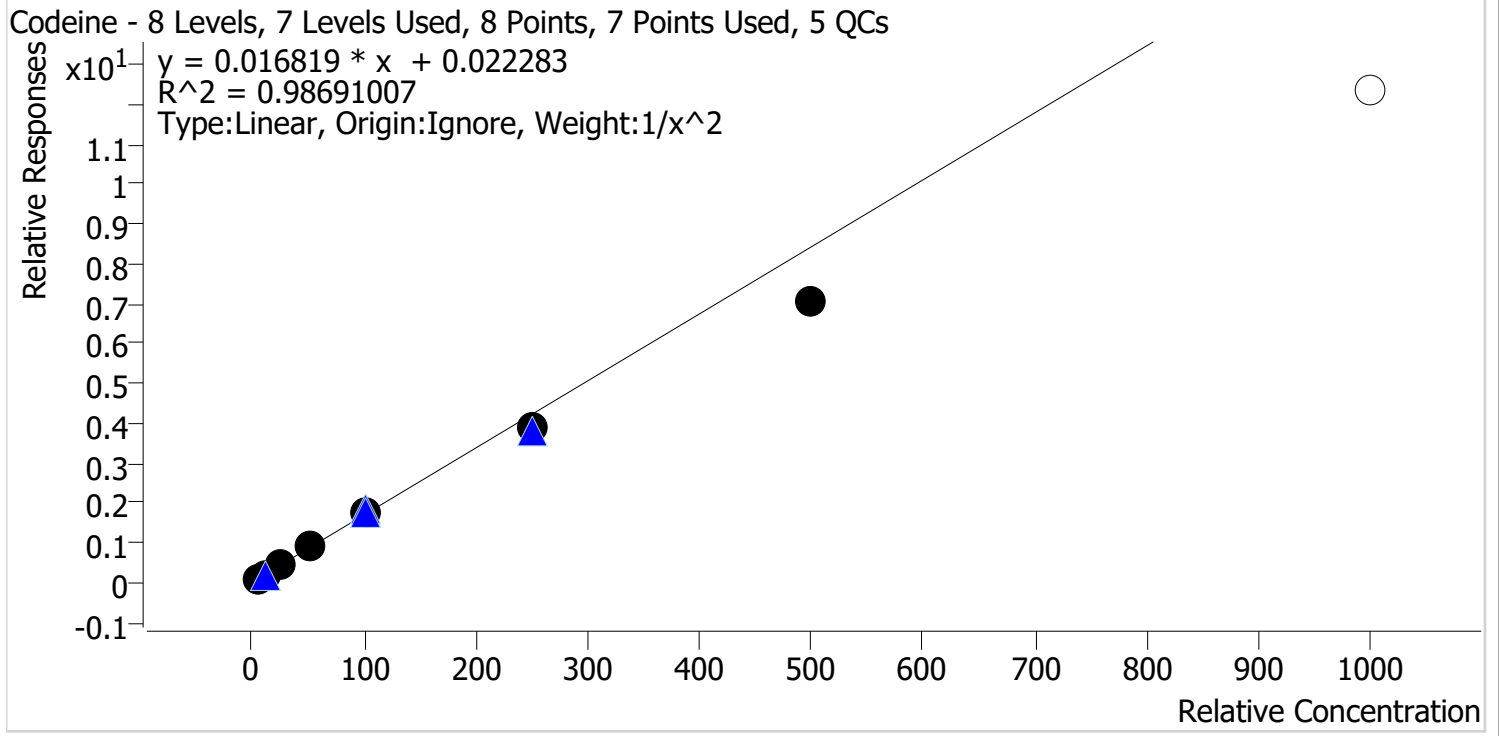
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1033.6	103.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6



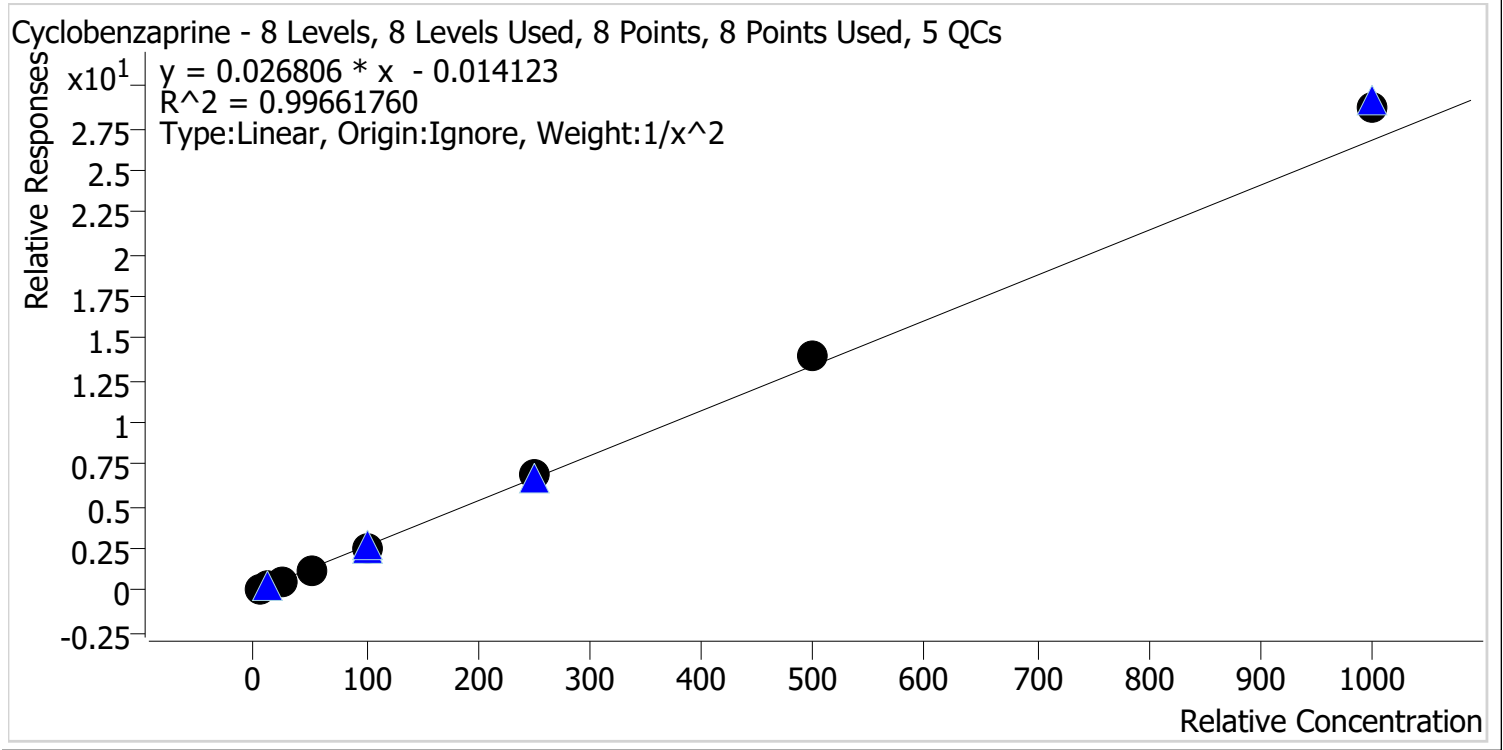
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.7
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	230.3	92.1
p1 Cal 7-500ng	7	✓	500.0	421.2	84.2
p1 Cal 8-1000ng	8	✗	1000.0	733.2	73.3

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng	2	✓	10.0	9.7	97.0
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	47.3	94.5
p1 Cal 5-100ng	5	✓	100.0	94.0	94.0
p1 Cal 6-250ng	6	✓	250.0	260.9	104.4
p1 Cal 7-500ng	7	✓	500.0	518.8	103.8
p1 Cal 8-1000ng	8	✓	1000.0	1070.4	107.0

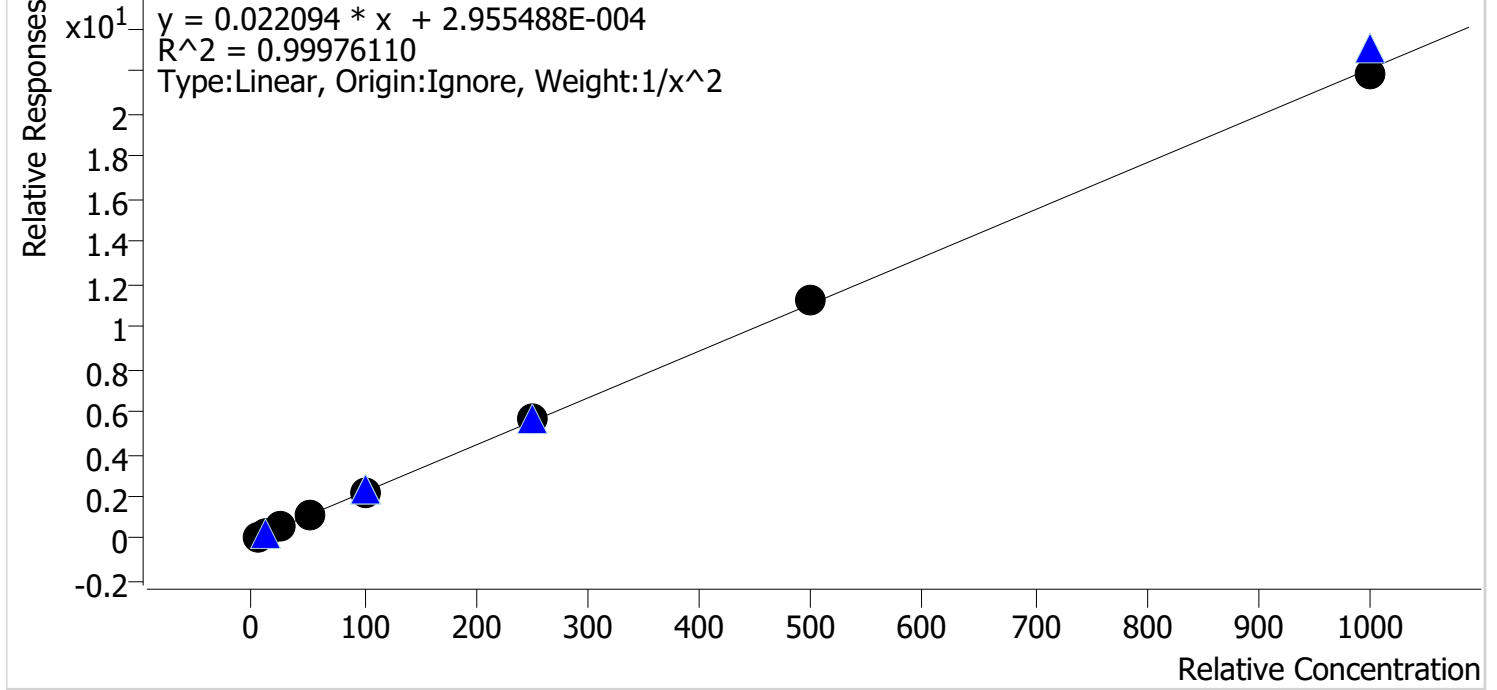
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

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



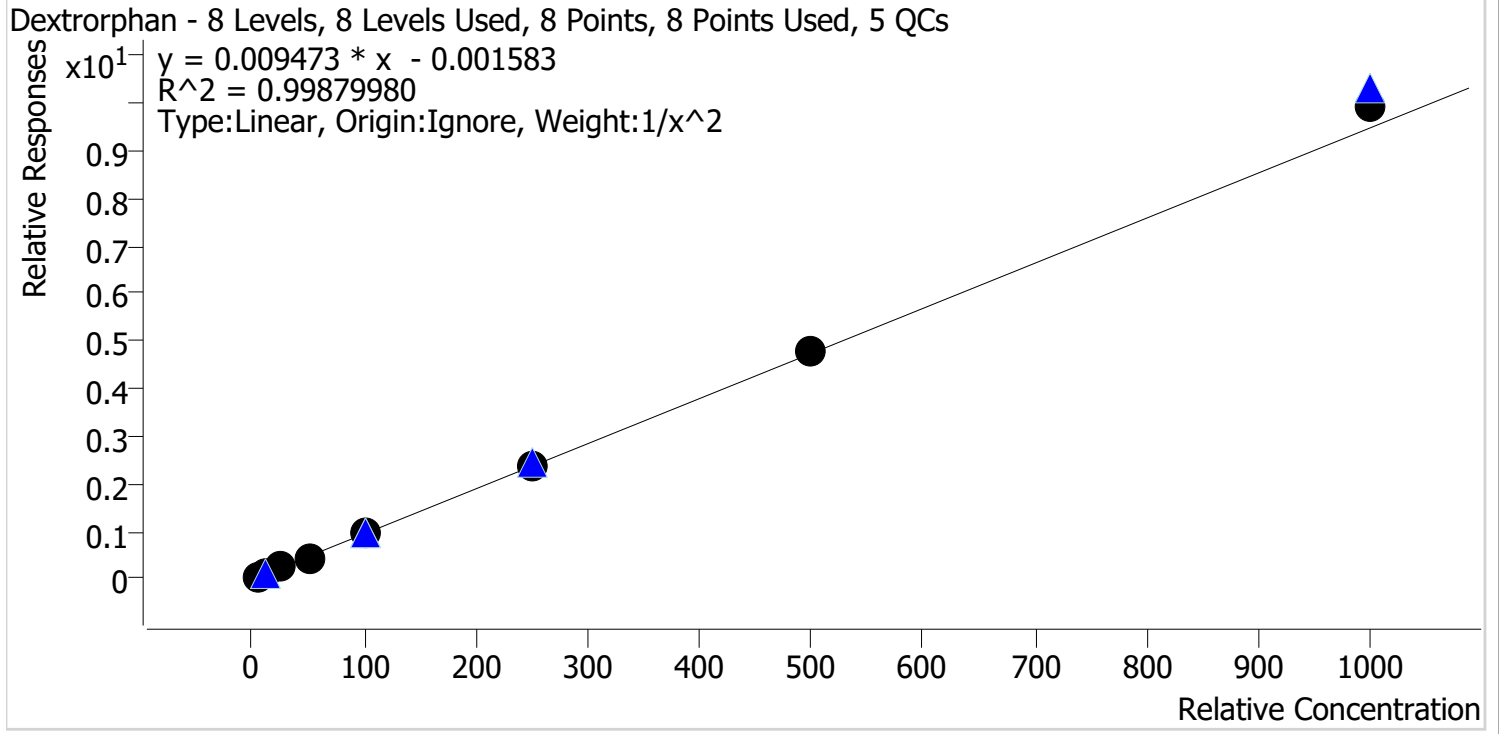
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.3
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	49.2	98.5
p1 Cal 5-100ng	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	506.6	101.3
p1 Cal 8-1000ng	8	✓	1000.0	992.4	99.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Dextrophan Internal Standard Dextrophan-D3



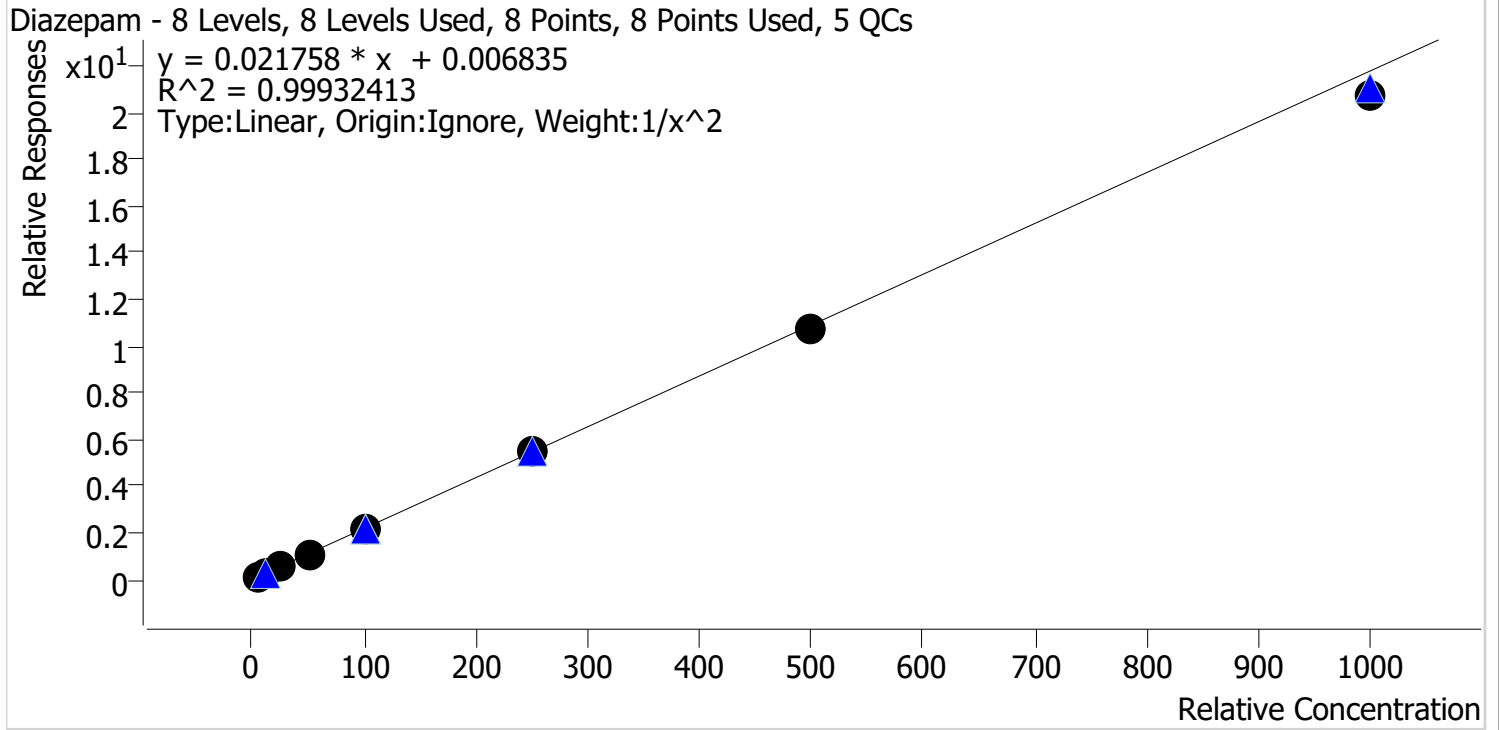
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.6	96.1
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.8
p1 Cal 4-50ng	4	✓	50.0	48.7	97.4
p1 Cal 5-100ng	5	✓	100.0	98.6	98.6
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	507.3	101.5
p1 Cal 8-1000ng	8	✓	1000.0	1049.0	104.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



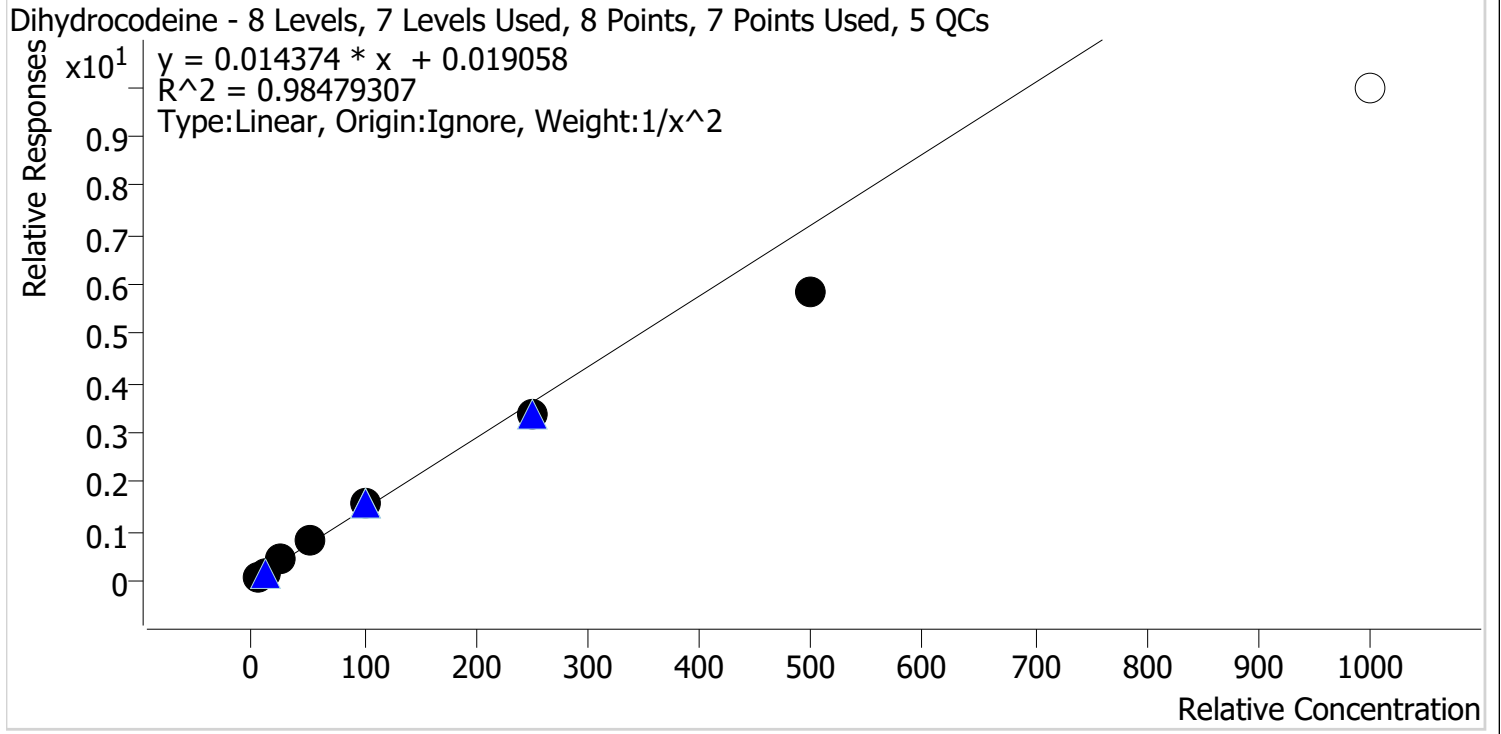
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	493.4	98.7
p1 Cal 8-1000ng	8	✓	1000.0	953.8	95.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.8
p1 Cal 2-10ng	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng	3	✓	25.0	27.8	111.0
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	234.4	93.7
p1 Cal 7-500ng	7	✓	500.0	406.8	81.4
p1 Cal 8-1000ng	8	✗	1000.0	691.8	69.2

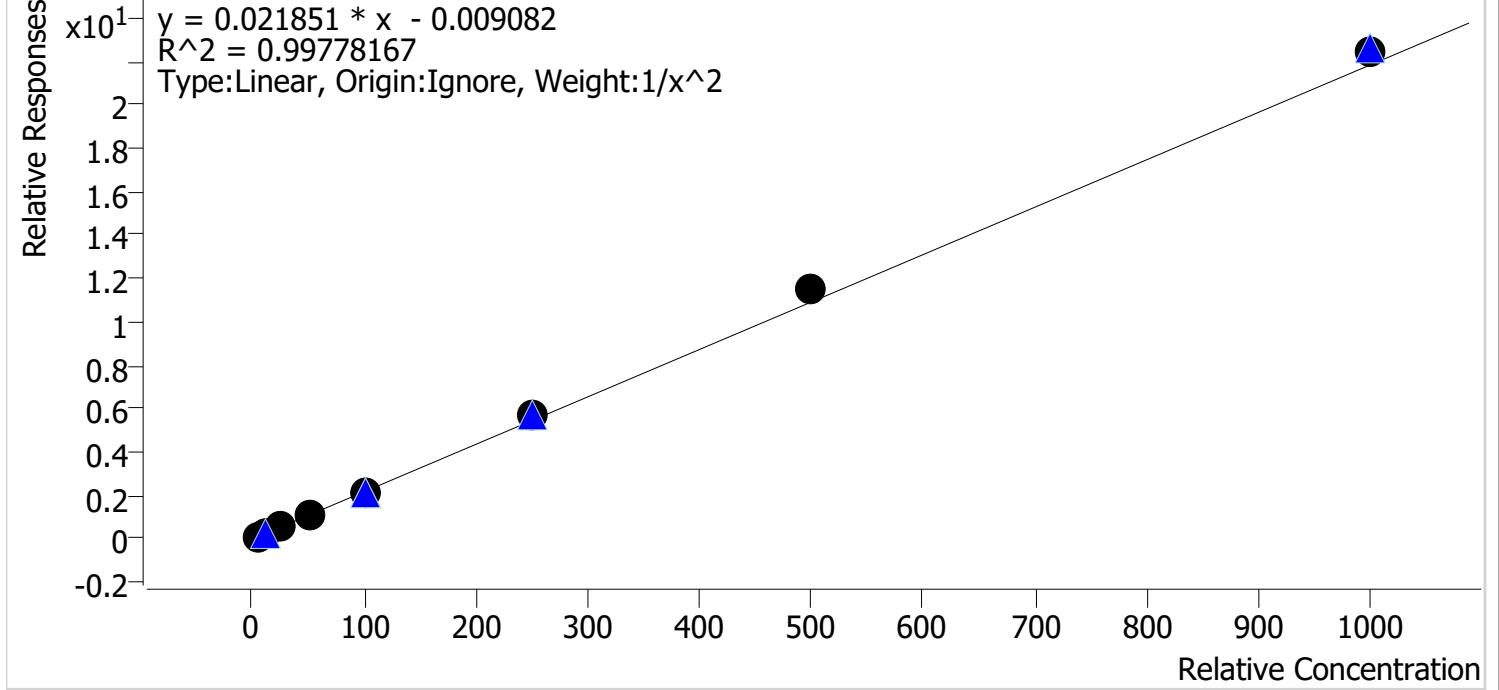
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



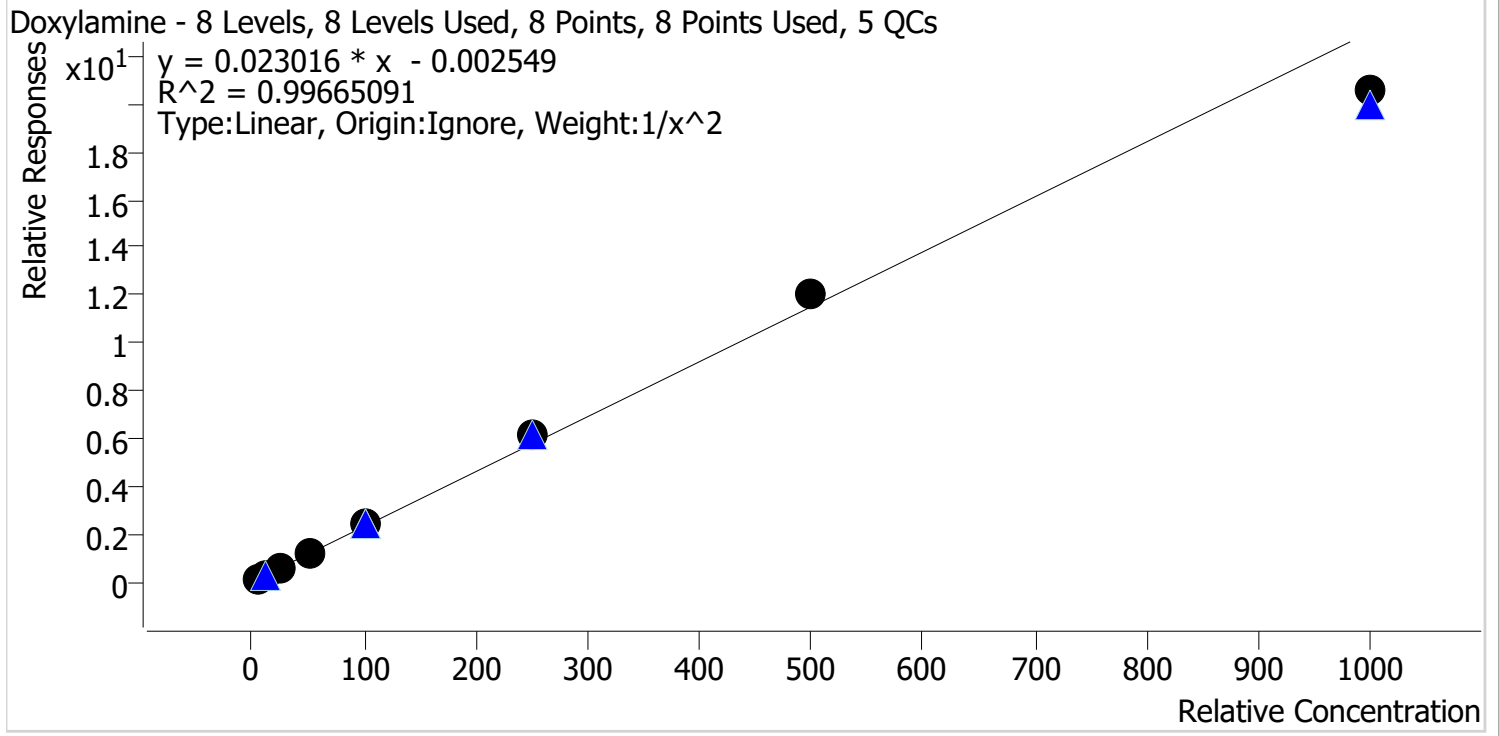
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.7
p1 Cal 4-50ng	4	✓	50.0	47.3	94.6
p1 Cal 5-100ng	5	✓	100.0	96.9	96.9
p1 Cal 6-250ng	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng	7	✓	500.0	526.5	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1029.8	103.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	265.6	106.2
p1 Cal 7-500ng	7	✓	500.0	521.3	104.3
p1 Cal 8-1000ng	8	✓	1000.0	893.4	89.3

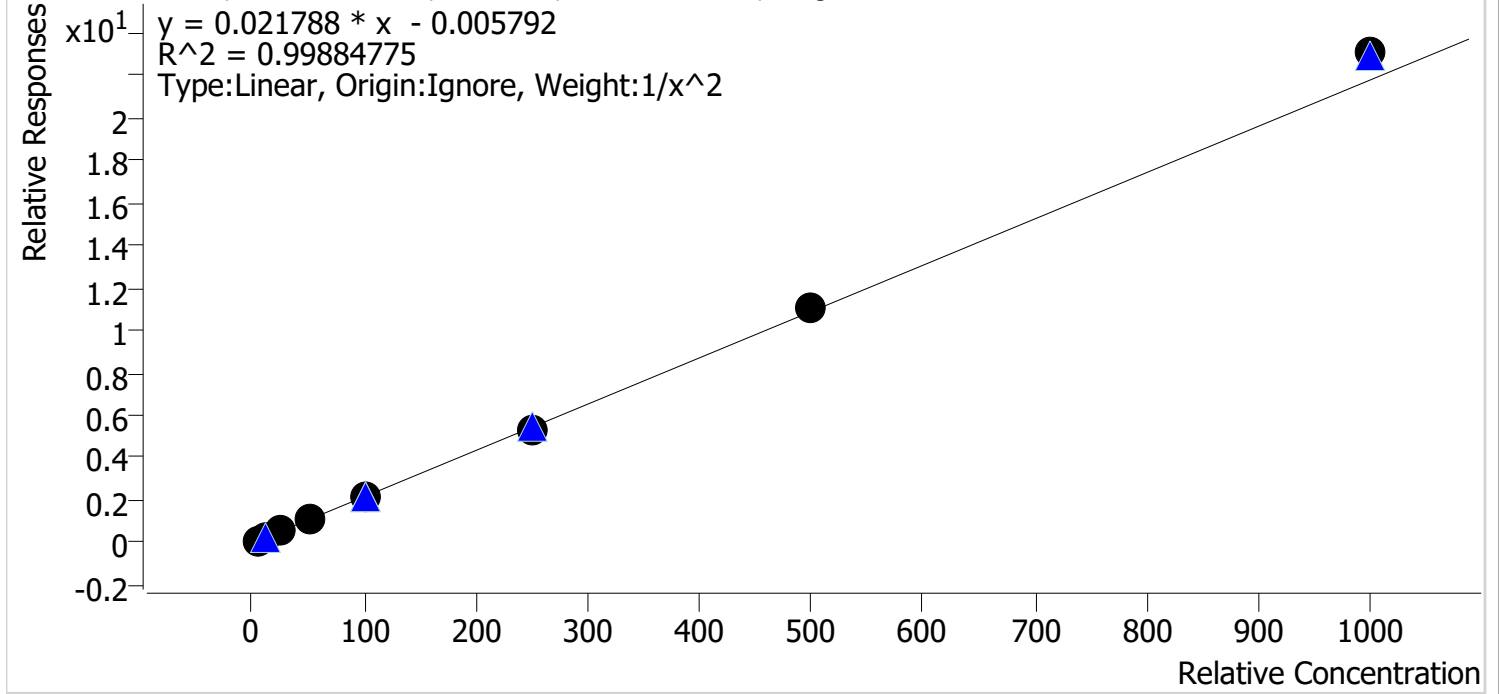
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng	4	✓	50.0	47.9	95.8
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	247.4	99.0
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1059.2	105.9

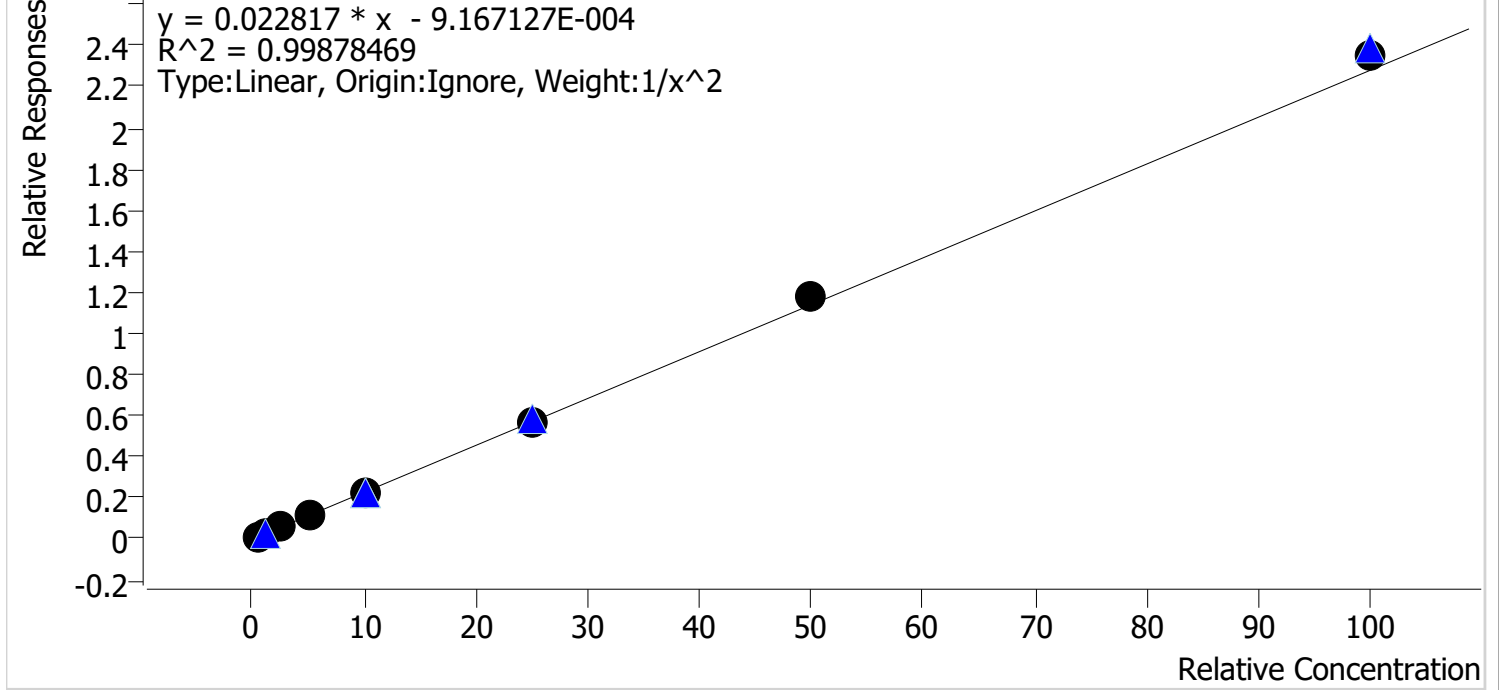
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



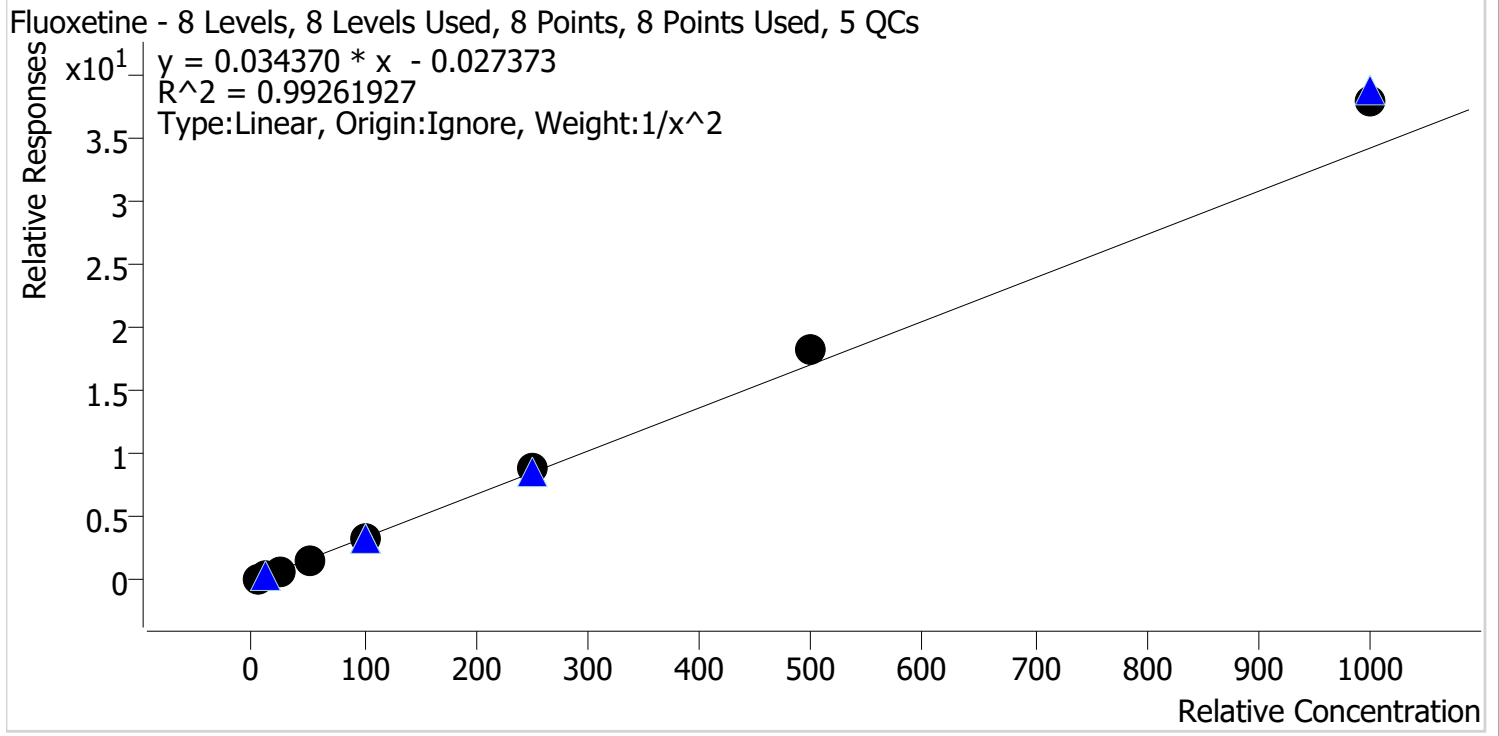
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.7
p1 Cal 2-10ng	2	✓	1.0	1.0	95.3
p1 Cal 3 -25ng	3	✓	2.5	2.5	100.1
p1 Cal 4-50ng	4	✓	5.0	4.8	96.7
p1 Cal 5-100ng	5	✓	10.0	9.8	98.5
p1 Cal 6-250ng	6	✓	25.0	25.1	100.3
p1 Cal 7-500ng	7	✓	50.0	51.5	103.0
p1 Cal 8-1000ng	8	✓	100.0	103.5	103.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



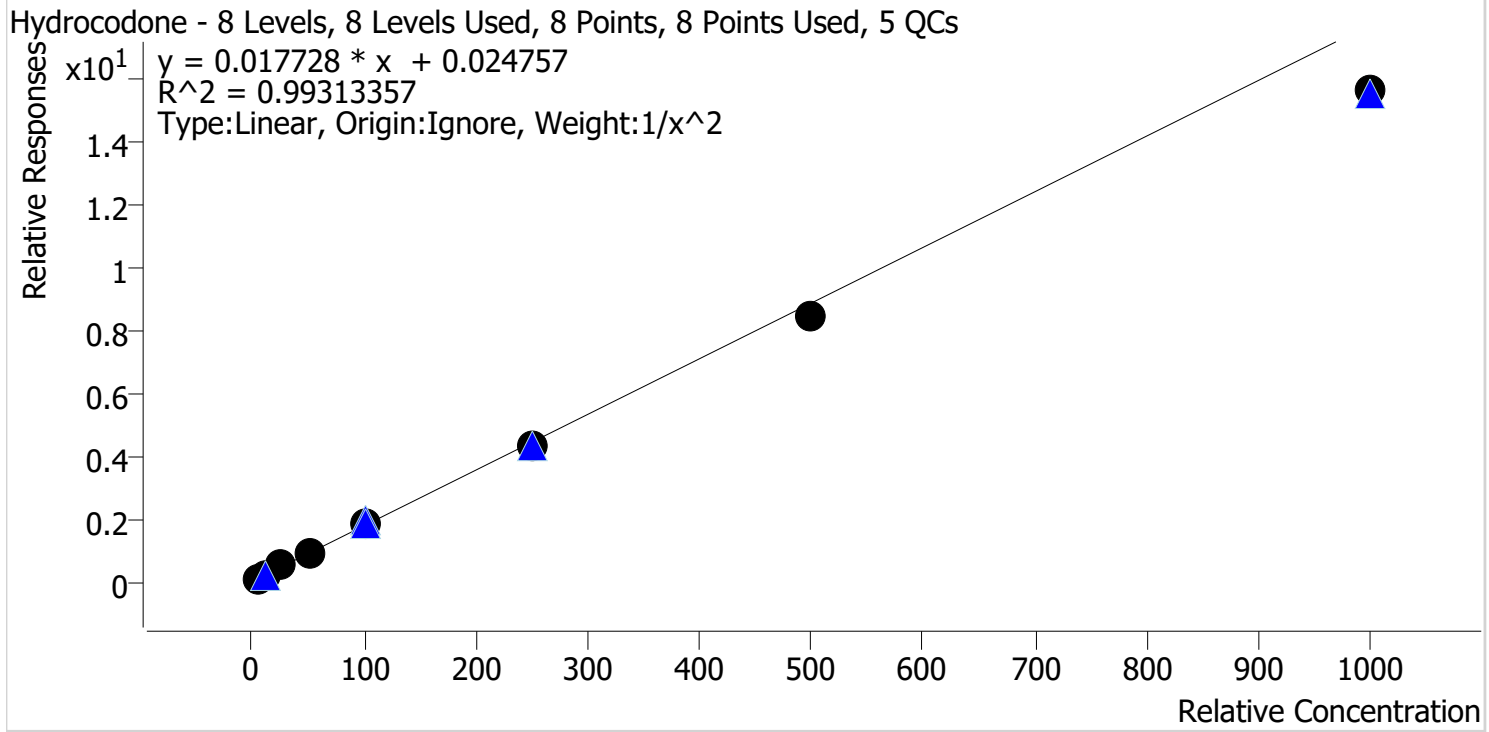
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	22.3	89.2
p1 Cal 4-50ng	4	✓	50.0	45.9	91.8
p1 Cal 5-100ng	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	530.6	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1108.9	110.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.9
p1 Cal 2-10ng	2	✓	10.0	10.5	105.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	103.5	103.5
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	474.1	94.8
p1 Cal 8-1000ng	8	✓	1000.0	881.8	88.2

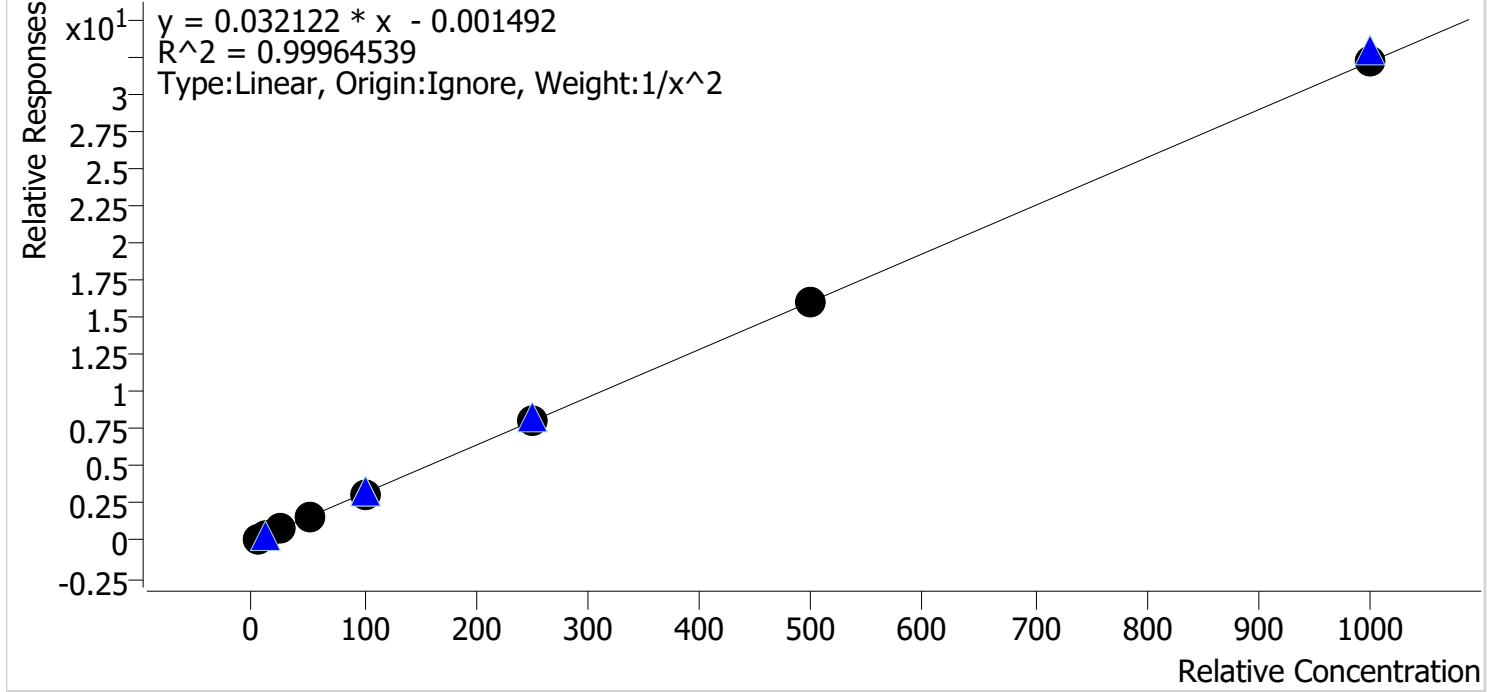
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



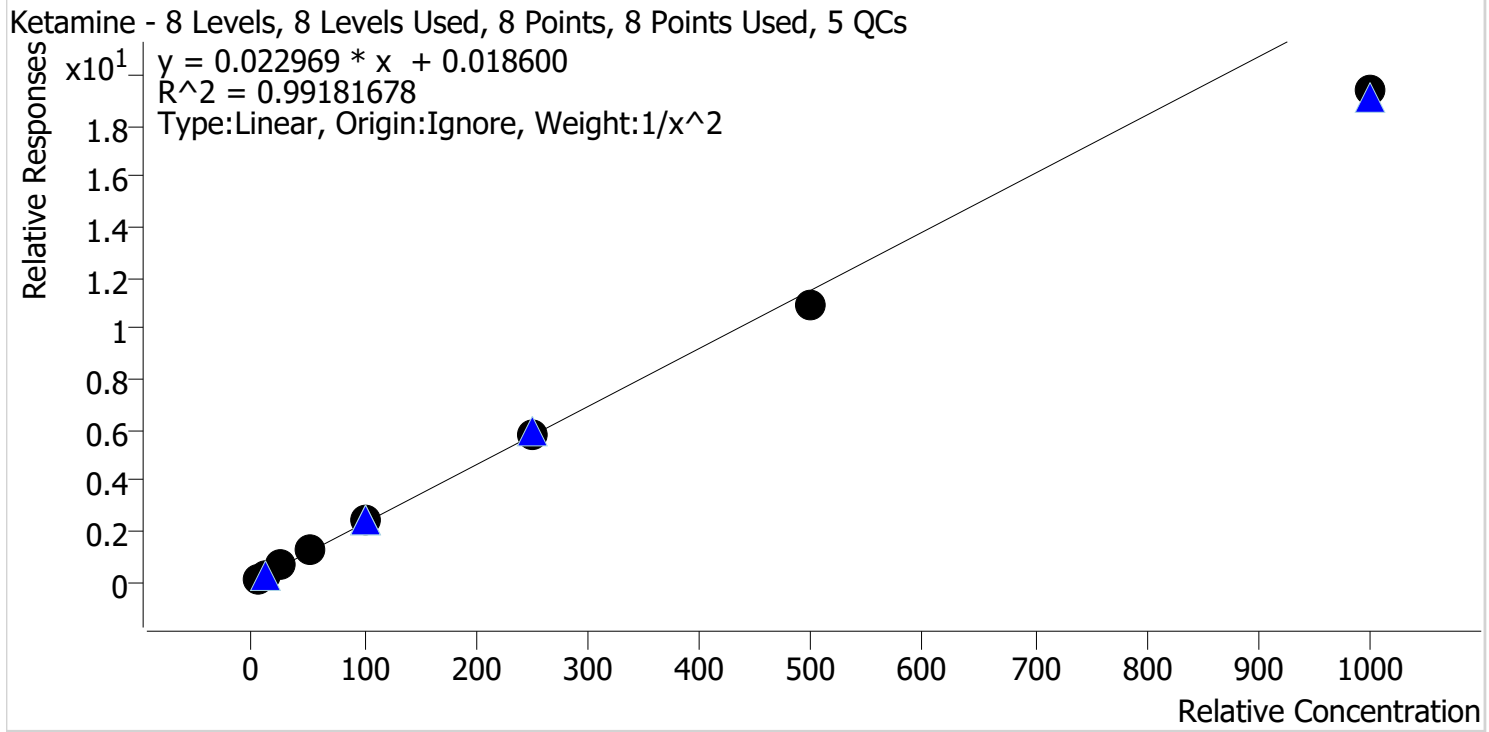
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.2	102.0
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	48.3	96.6
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	253.9	101.6
p1 Cal 7-500ng	7	✓	500.0	500.7	100.1
p1 Cal 8-1000ng	8	✓	1000.0	999.0	99.9

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



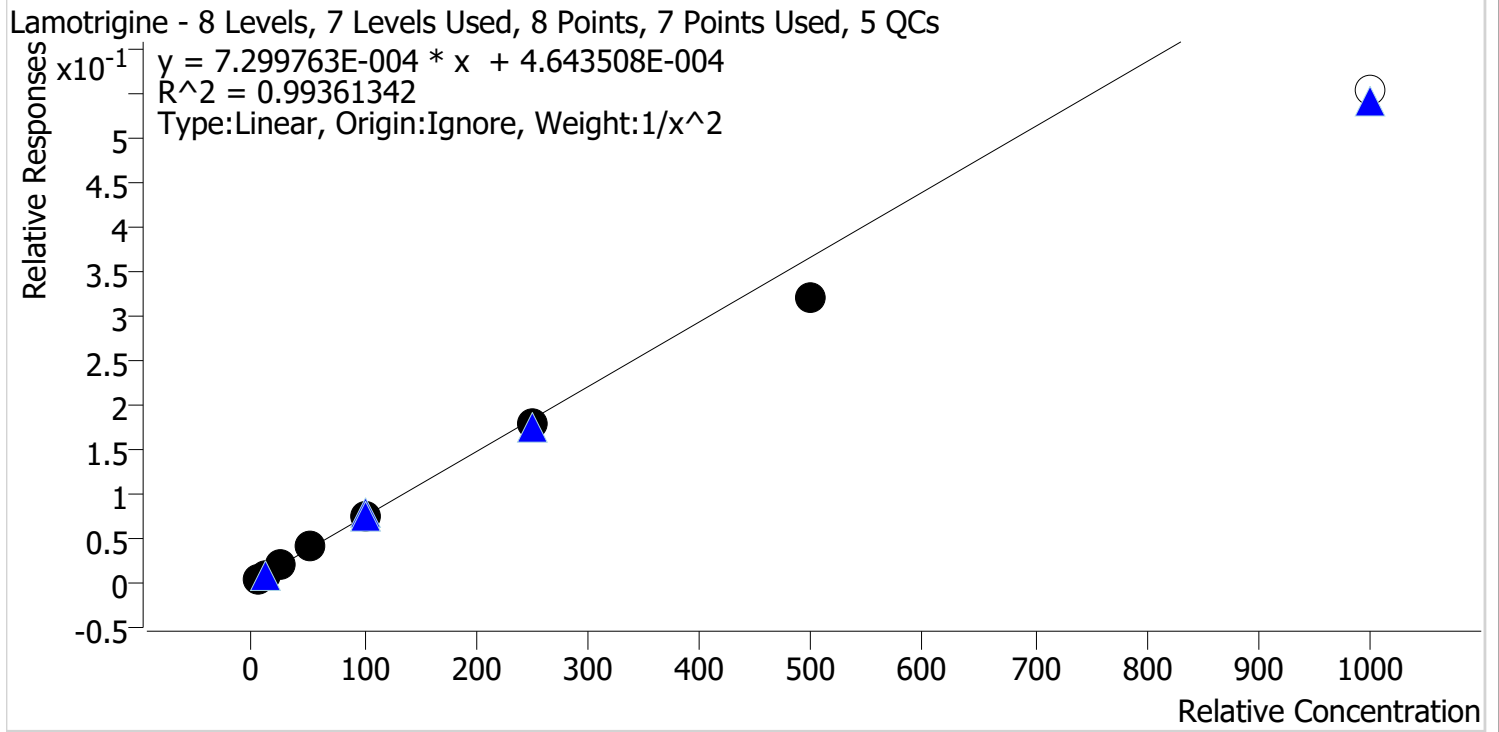
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.9
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	475.7	95.1
p1 Cal 8-1000ng	8	✓	1000.0	842.2	84.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



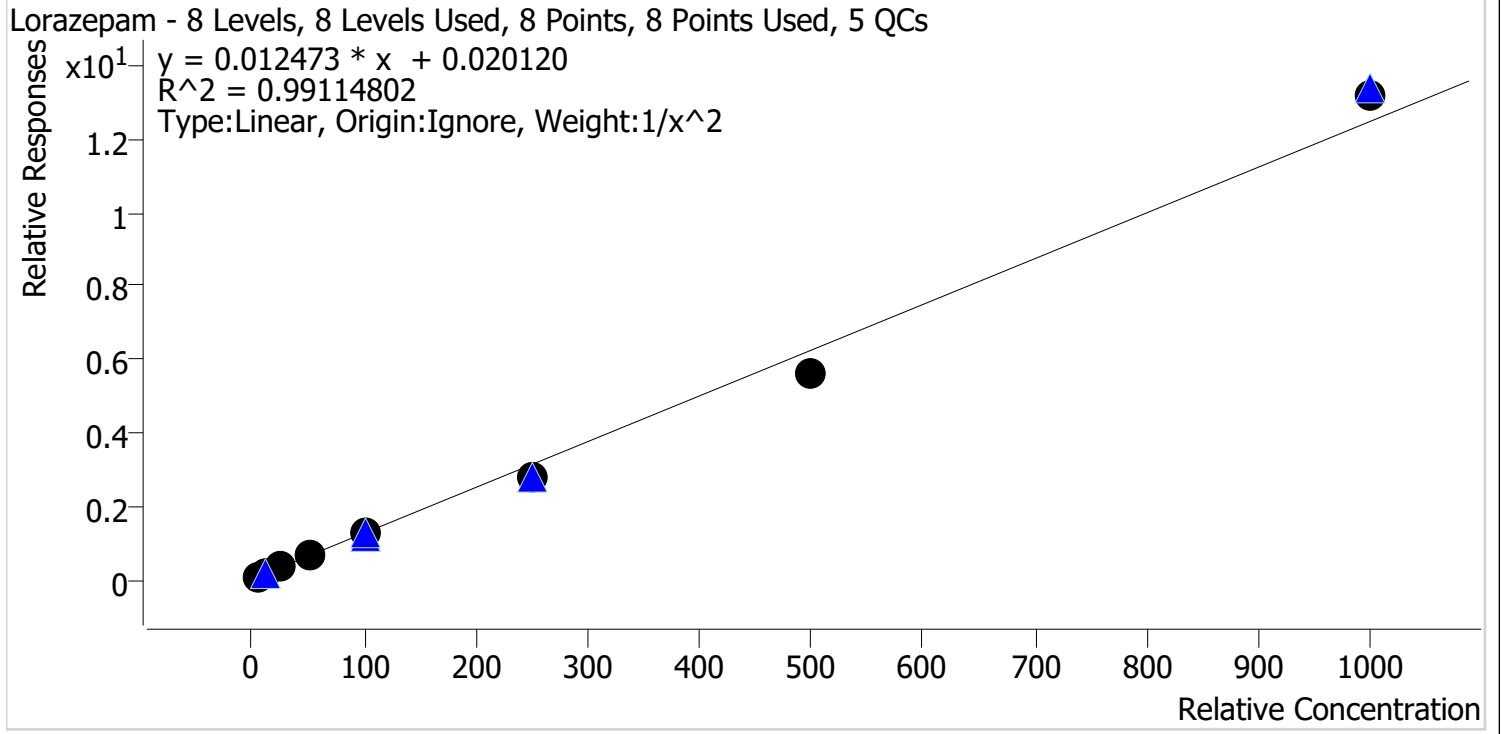
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.4
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	243.1	97.2
p1 Cal 7-500ng	7	✓	500.0	436.9	87.4
p1 Cal 8-1000ng	8	x	1000.0	755.7	75.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



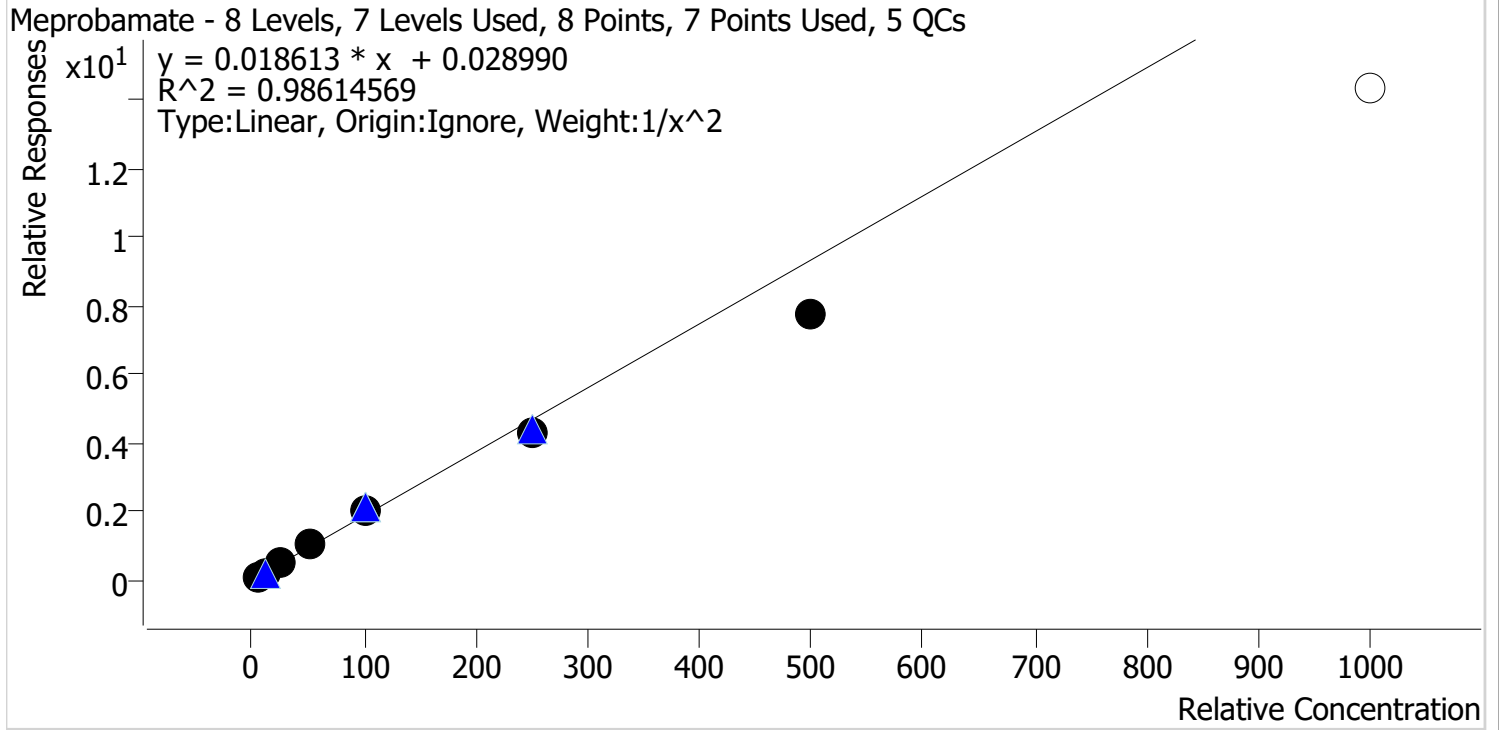
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.8	108.2
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.4
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	223.3	89.3
p1 Cal 7-500ng	7	✓	500.0	447.2	89.4
p1 Cal 8-1000ng	8	✓	1000.0	1060.7	106.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.5
p1 Cal 2-10ng	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.7
p1 Cal 4-50ng	4	✓	50.0	54.4	108.9
p1 Cal 5-100ng	5	✓	100.0	106.5	106.5
p1 Cal 6-250ng	6	✓	250.0	232.0	92.8
p1 Cal 7-500ng	7	✓	500.0	414.6	82.9
p1 Cal 8-1000ng	8	✗	1000.0	767.6	76.8

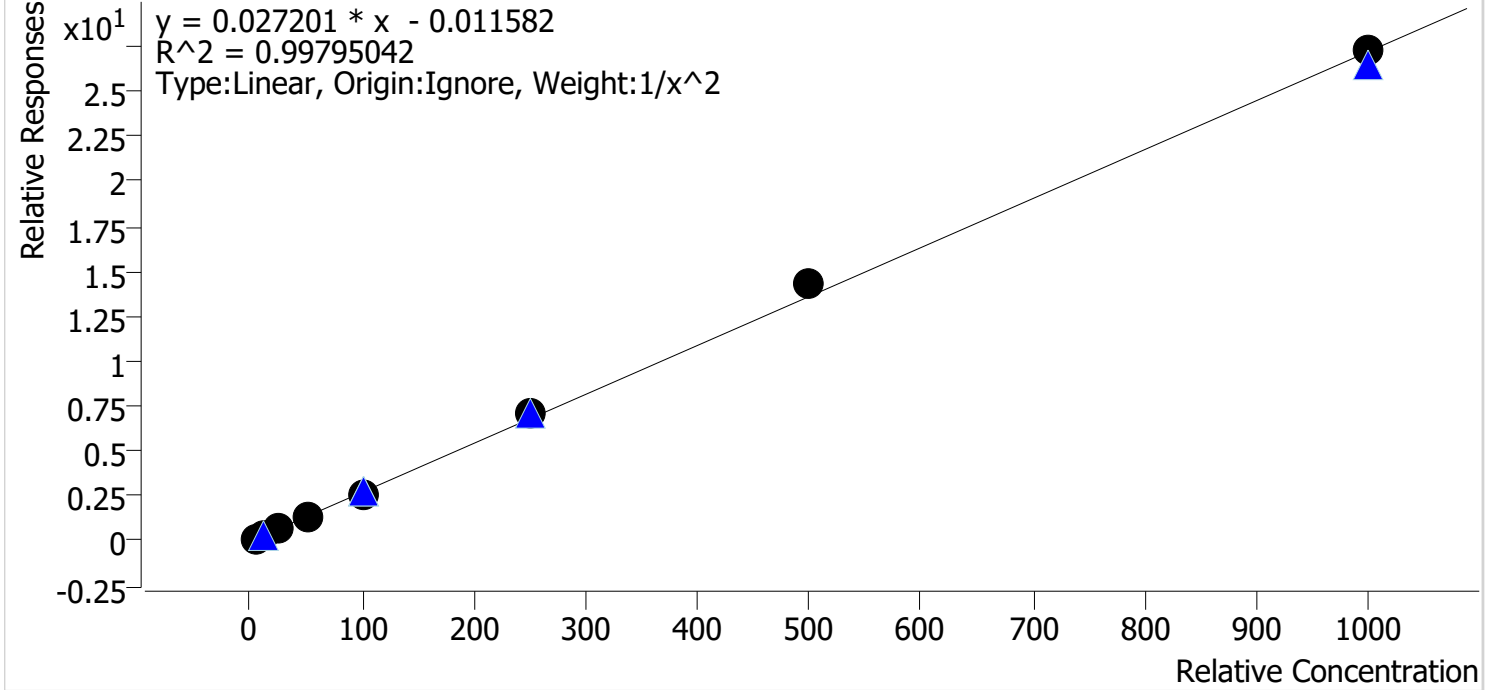
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



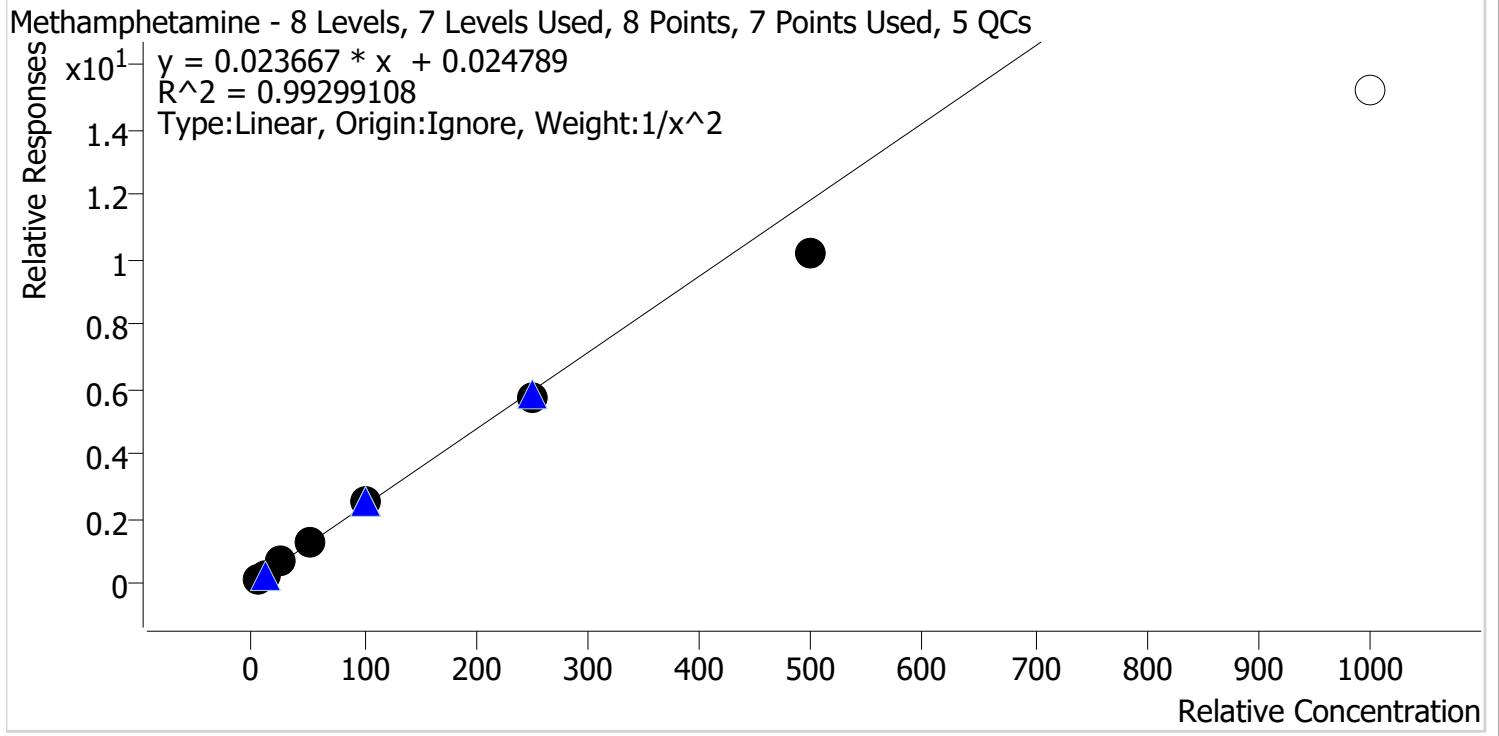
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.9	99.0
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.1
p1 Cal 4-50ng	4	✓	50.0	47.5	94.9
p1 Cal 5-100ng	5	✓	100.0	97.4	97.4
p1 Cal 6-250ng	6	✓	250.0	263.0	105.2
p1 Cal 7-500ng	7	✓	500.0	527.0	105.4
p1 Cal 8-1000ng	8	✓	1000.0	1002.4	100.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.0
p1 Cal 4-50ng	4	✓	50.0	53.5	107.0
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	243.6	97.4
p1 Cal 7-500ng	7	✓	500.0	432.3	86.5
p1 Cal 8-1000ng	8	✗	1000.0	642.1	64.2

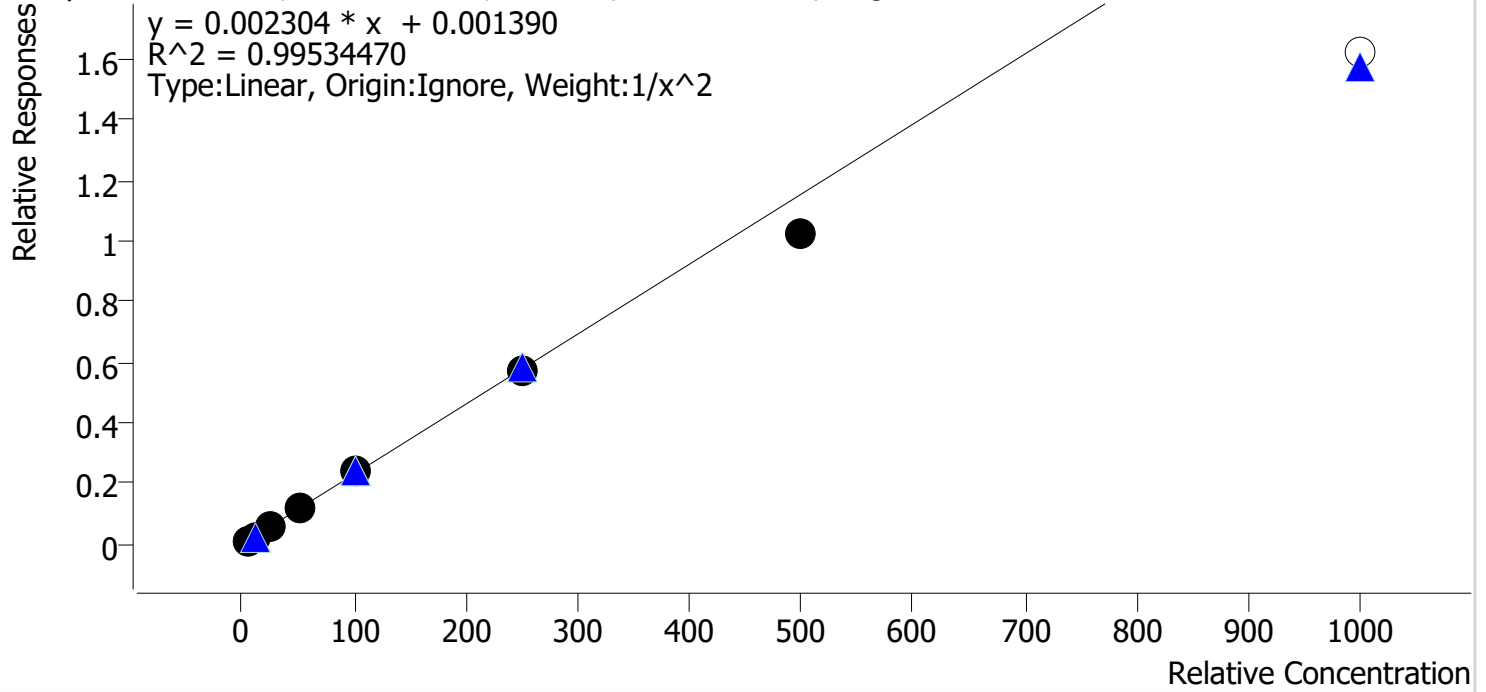
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.7
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	104.0	104.0
p1 Cal 6-250ng	6	✓	250.0	245.7	98.3
p1 Cal 7-500ng	7	✓	500.0	444.6	88.9
p1 Cal 8-1000ng	8	✗	1000.0	702.1	70.2

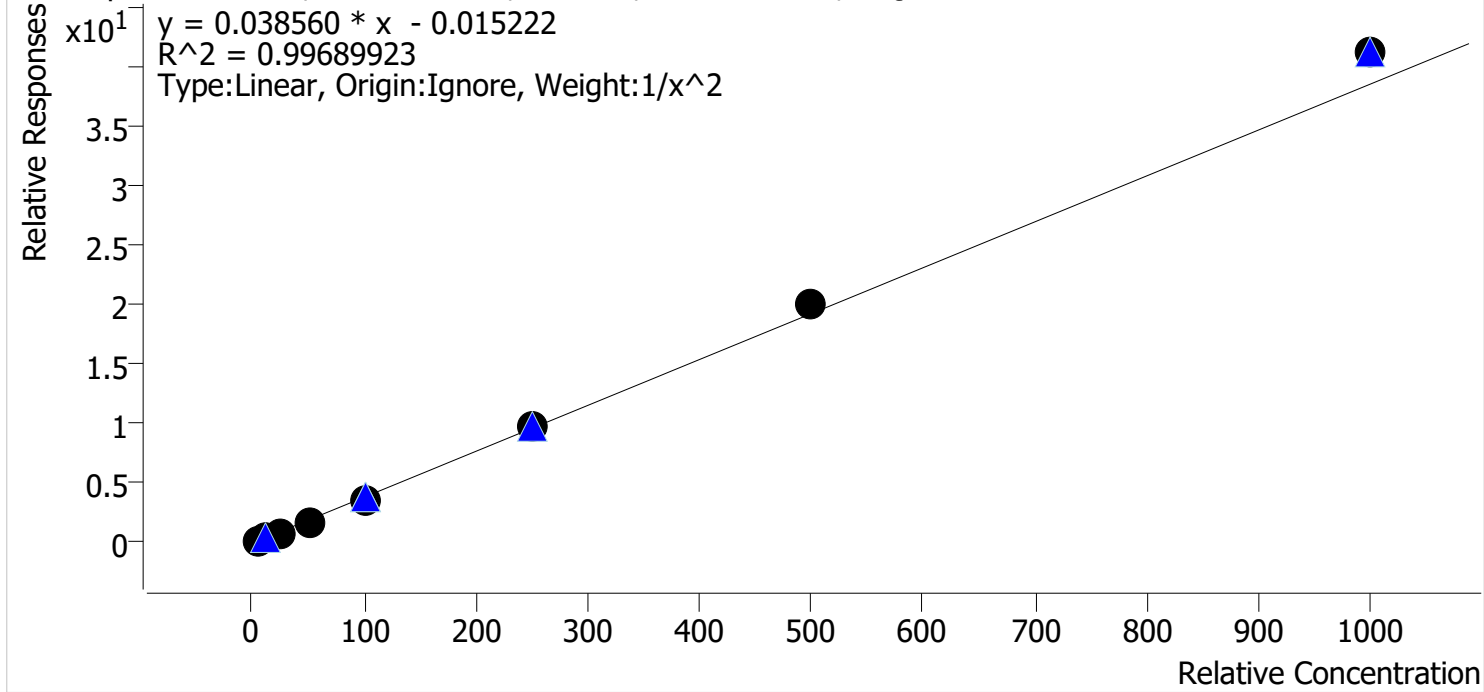
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.3
p1 Cal 2-10ng	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	95.8	95.8
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	523.3	104.7
p1 Cal 8-1000ng	8	✓	1000.0	1068.8	106.9

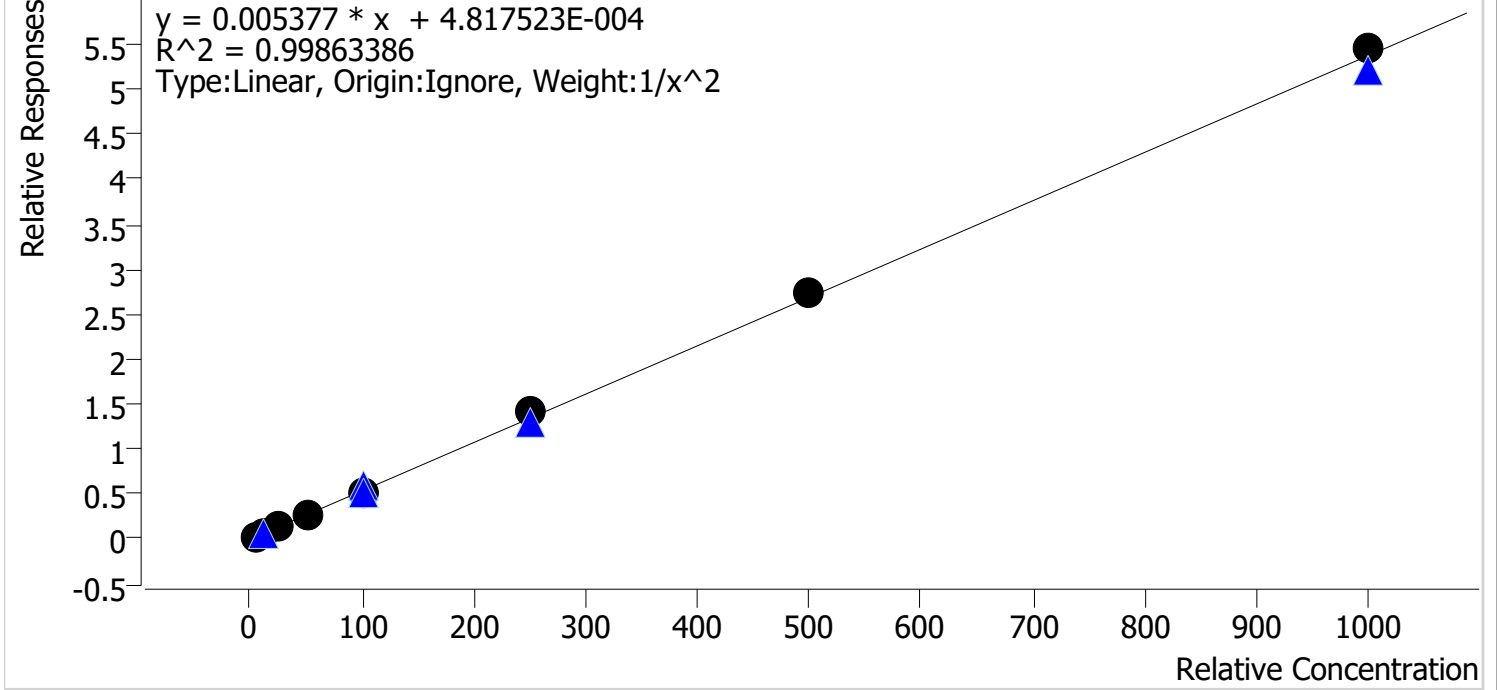
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

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



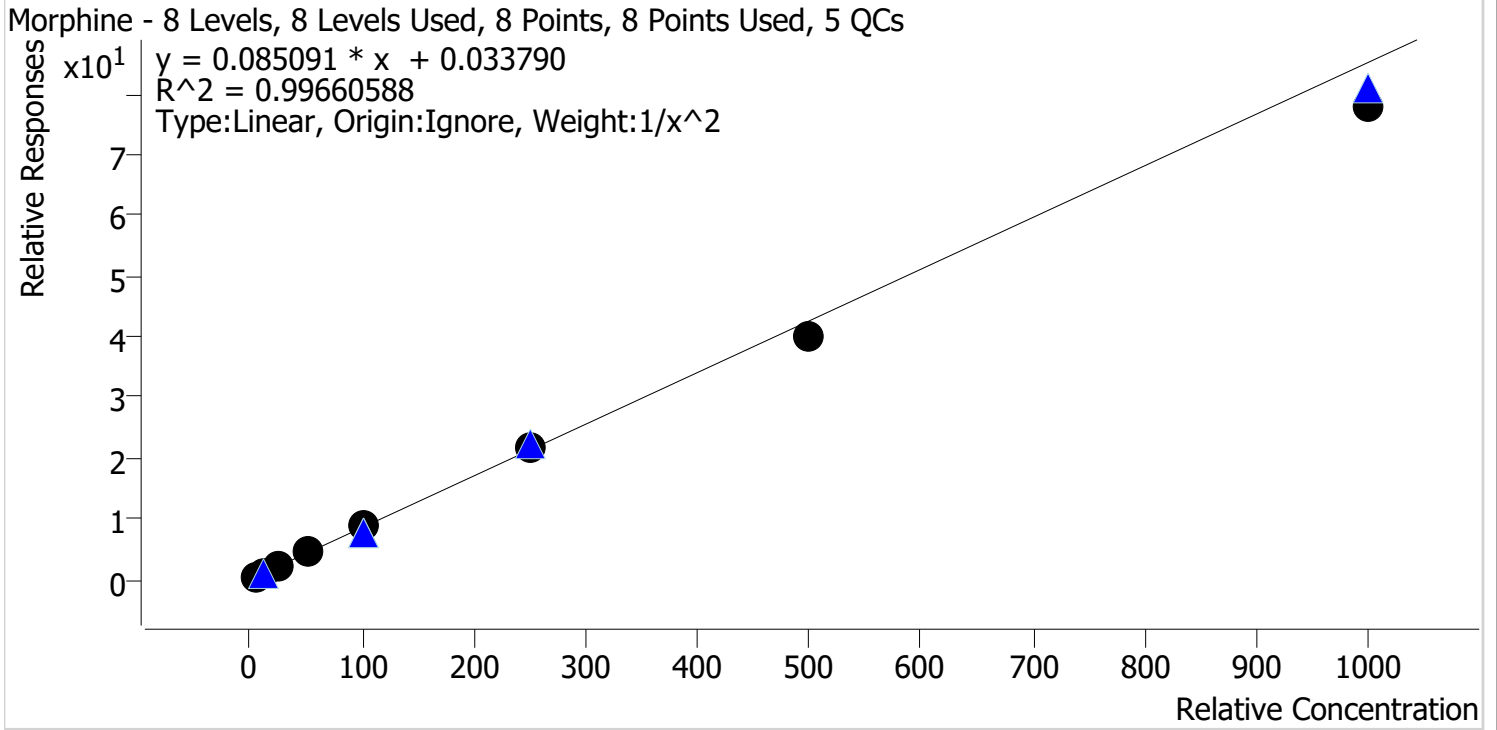
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.3
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	97.7	97.7
p1 Cal 6-250ng	6	✓	250.0	261.6	104.7
p1 Cal 7-500ng	7	✓	500.0	507.8	101.6
p1 Cal 8-1000ng	8	✓	1000.0	1014.7	101.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.0
p1 Cal 4-50ng	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	472.6	94.5
p1 Cal 8-1000ng	8	✓	1000.0	915.1	91.5

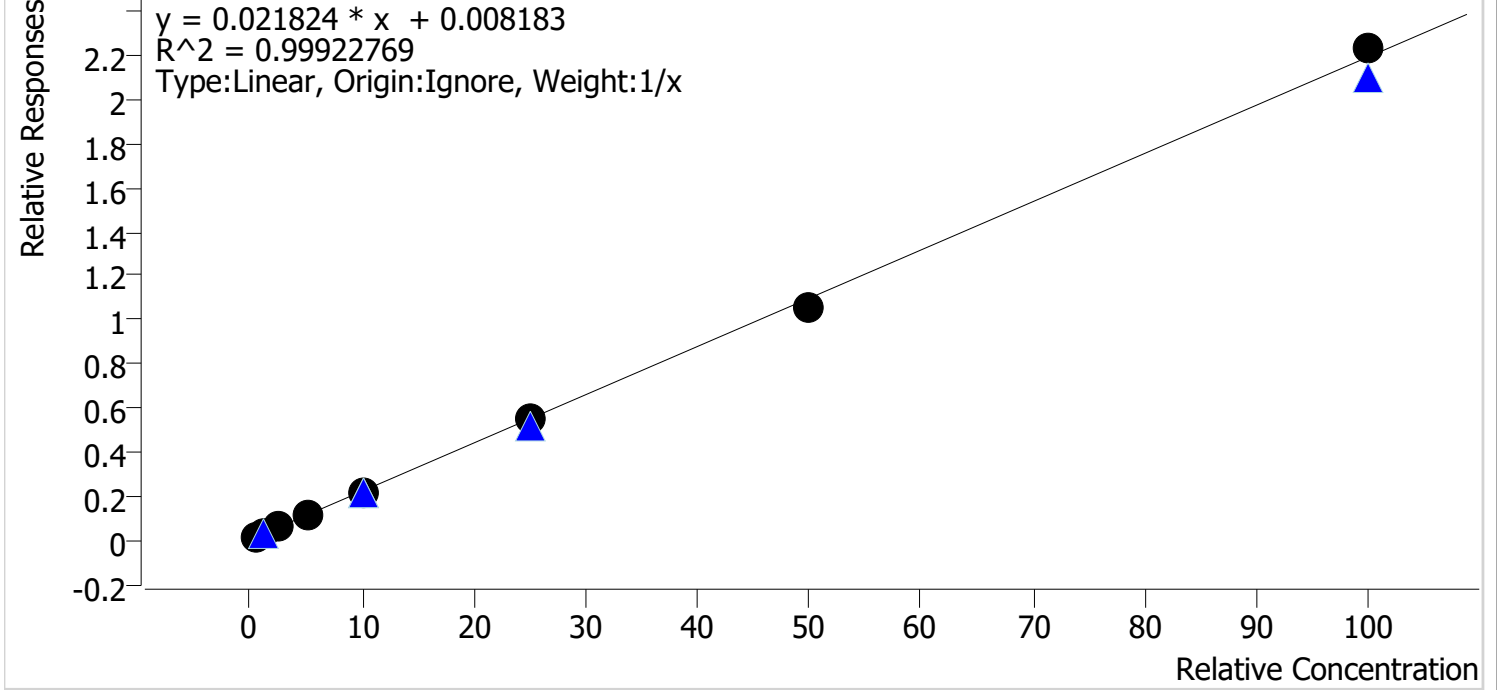
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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



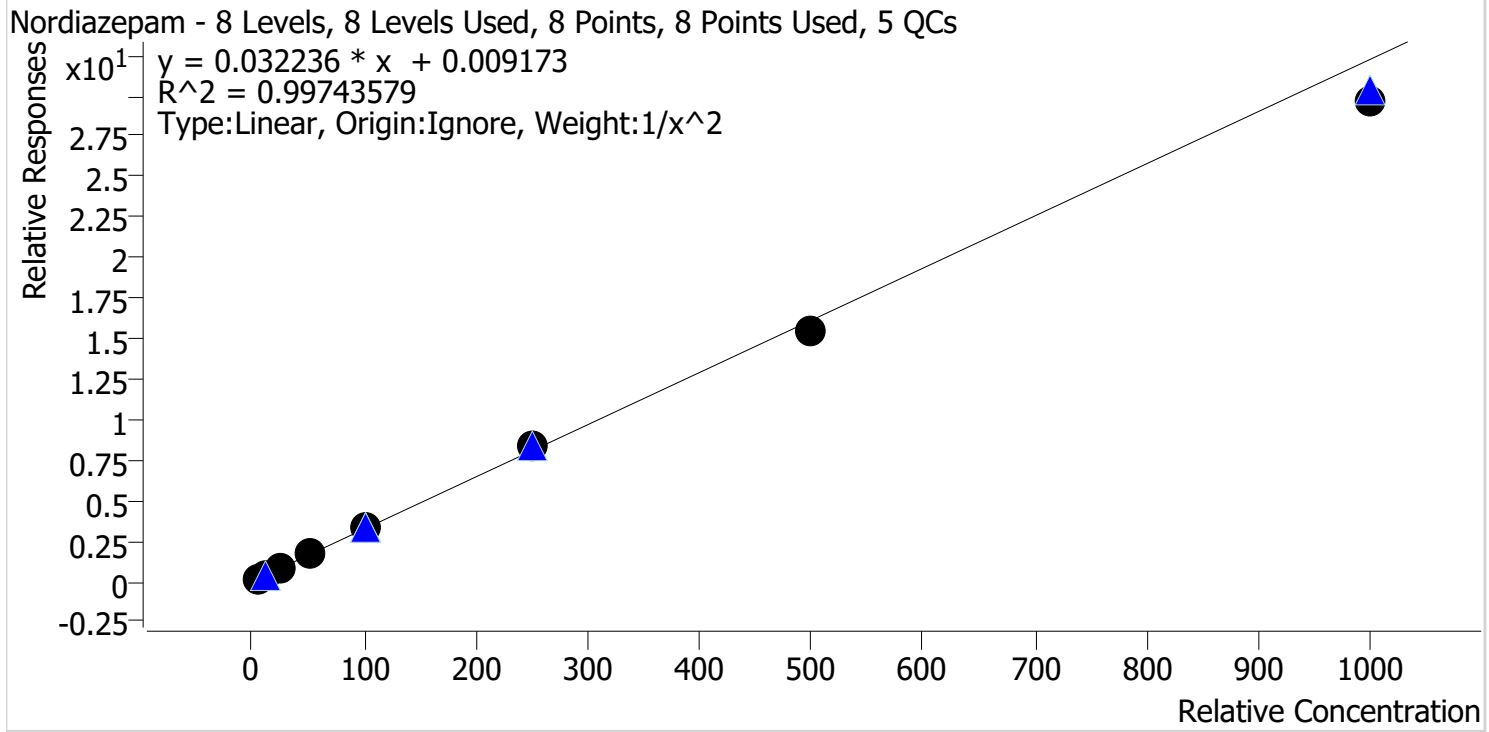
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.6	112.8
p1 Cal 2-10ng	2	✓	1.0	0.8	84.4
p1 Cal 3 -25ng	3	✓	2.5	2.5	101.8
p1 Cal 4-50ng	4	✓	5.0	5.1	103.0
p1 Cal 5-100ng	5	✓	10.0	10.0	99.9
p1 Cal 6-250ng	6	✓	25.0	25.0	100.1
p1 Cal 7-500ng	7	✓	50.0	48.1	96.3
p1 Cal 8-1000ng	8	✓	100.0	101.7	101.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam Internal Standard Nordiazepam-D5



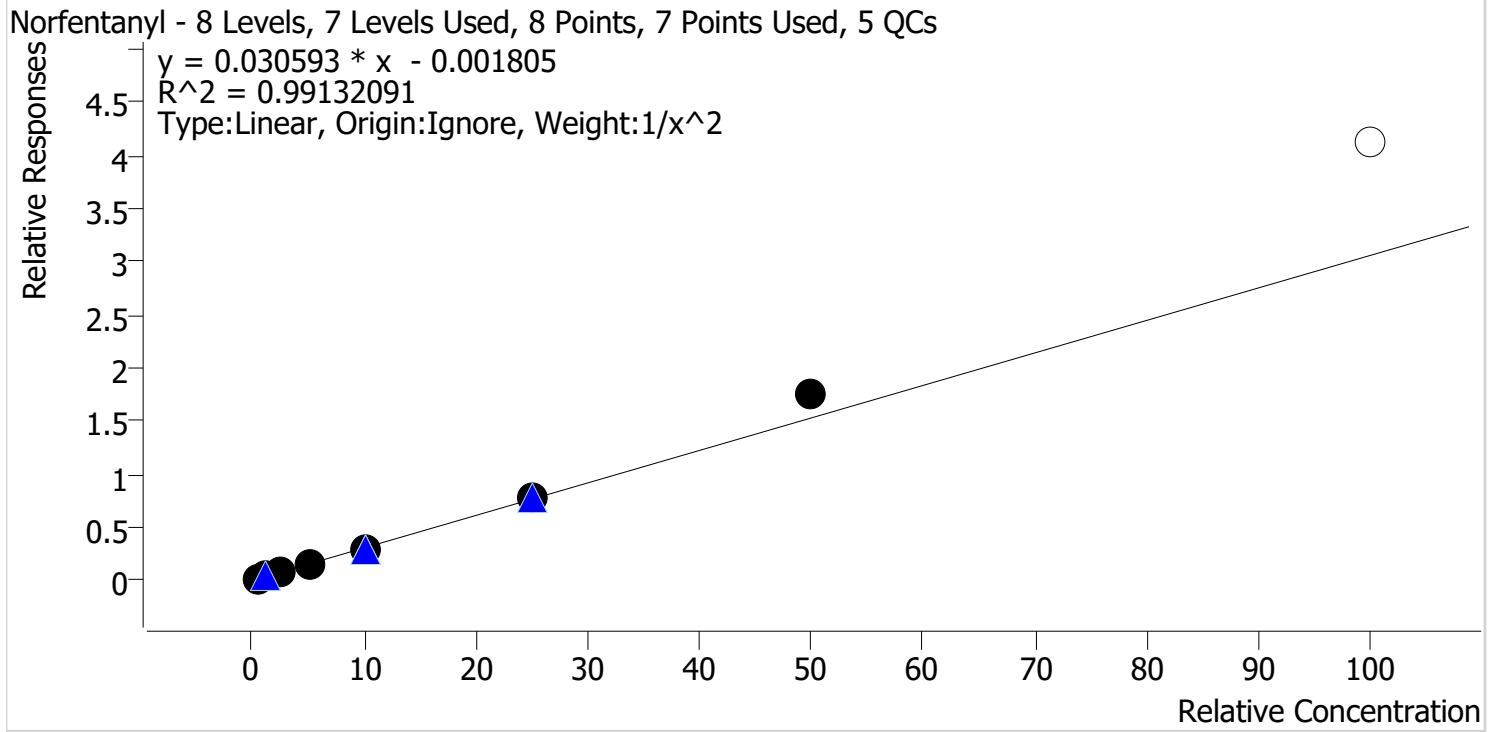
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	25.7	102.9
p1 Cal 4-50ng	4	✓	50.0	51.4	102.7
p1 Cal 5-100ng	5	✓	100.0	103.8	103.8
p1 Cal 6-250ng	6	✓	250.0	256.7	102.7
p1 Cal 7-500ng	7	✓	500.0	479.4	95.9
p1 Cal 8-1000ng	8	✓	1000.0	917.2	91.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl Internal Standard Norfentanyl-D5



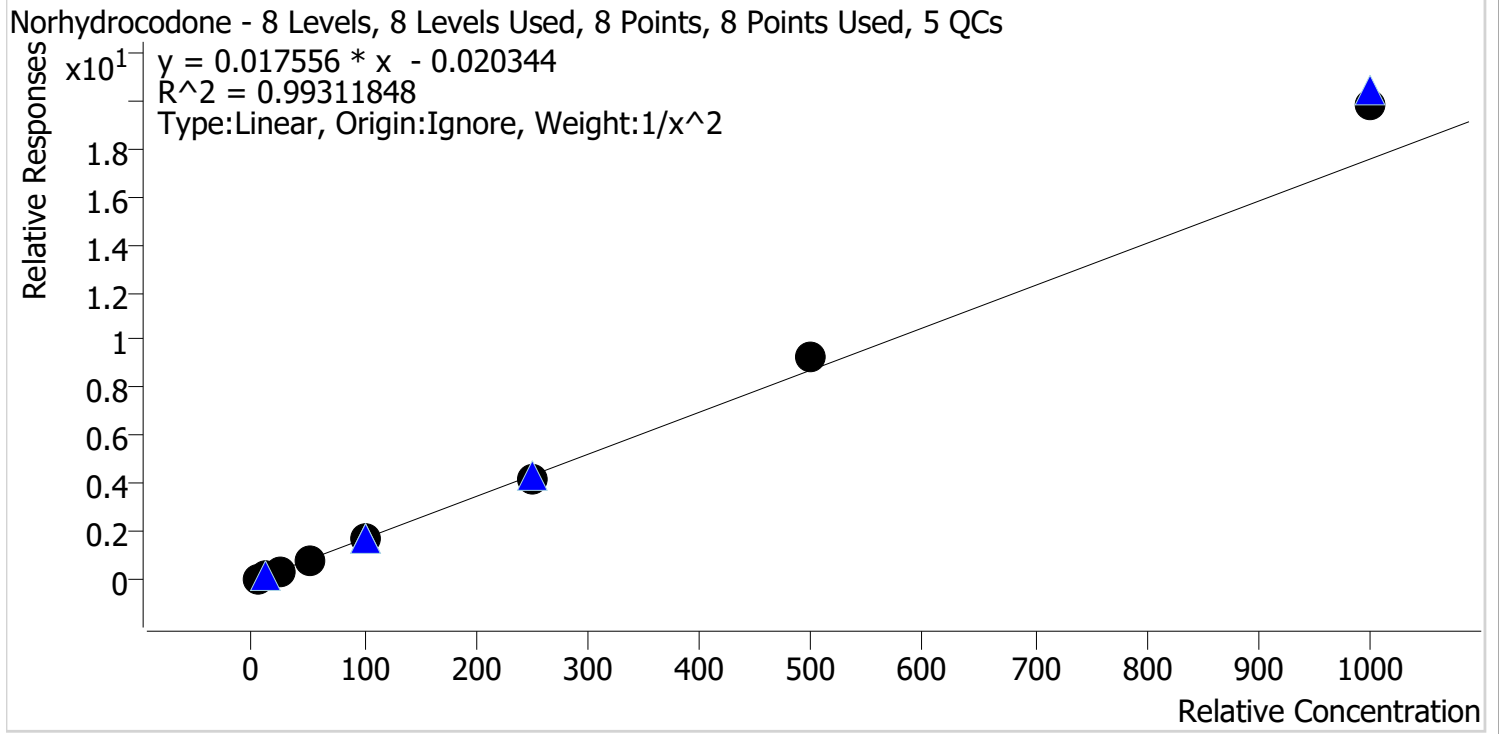
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	104.4
p1 Cal 2-10ng	2	✓	1.0	1.0	95.8
p1 Cal 3 -25ng	3	✓	2.5	2.3	91.7
p1 Cal 4-50ng	4	✓	5.0	4.7	93.9
p1 Cal 5-100ng	5	✓	10.0	9.7	96.5
p1 Cal 6-250ng	6	✓	25.0	25.8	103.2
p1 Cal 7-500ng	7	✓	50.0	57.2	114.5
p1 Cal 8-1000ng	8	x	100.0	135.4	135.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



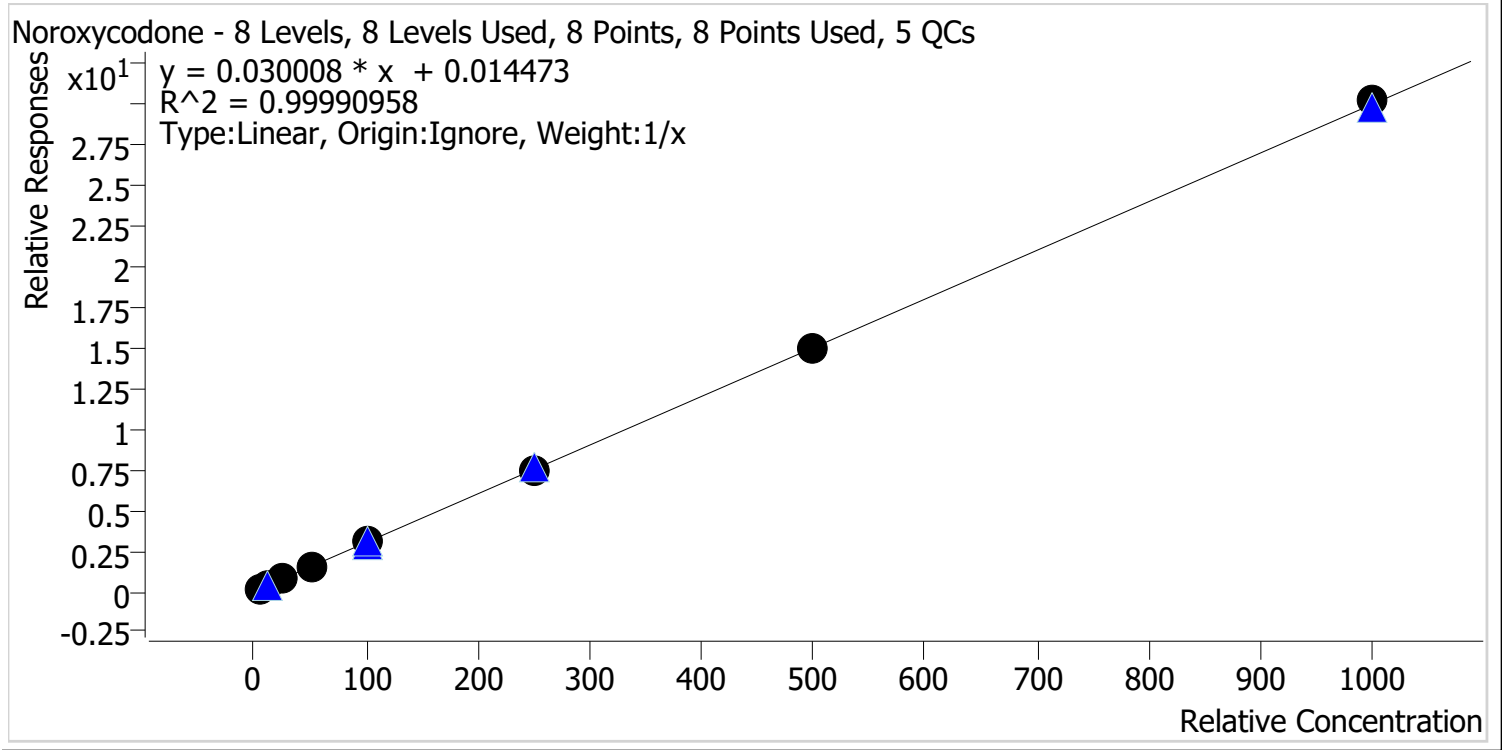
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.9
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	22.7	90.7
p1 Cal 4-50ng	4	✓	50.0	48.0	95.9
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	243.0	97.2
p1 Cal 7-500ng	7	✓	500.0	529.7	105.9
p1 Cal 8-1000ng	8	✓	1000.0	1127.5	112.7

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



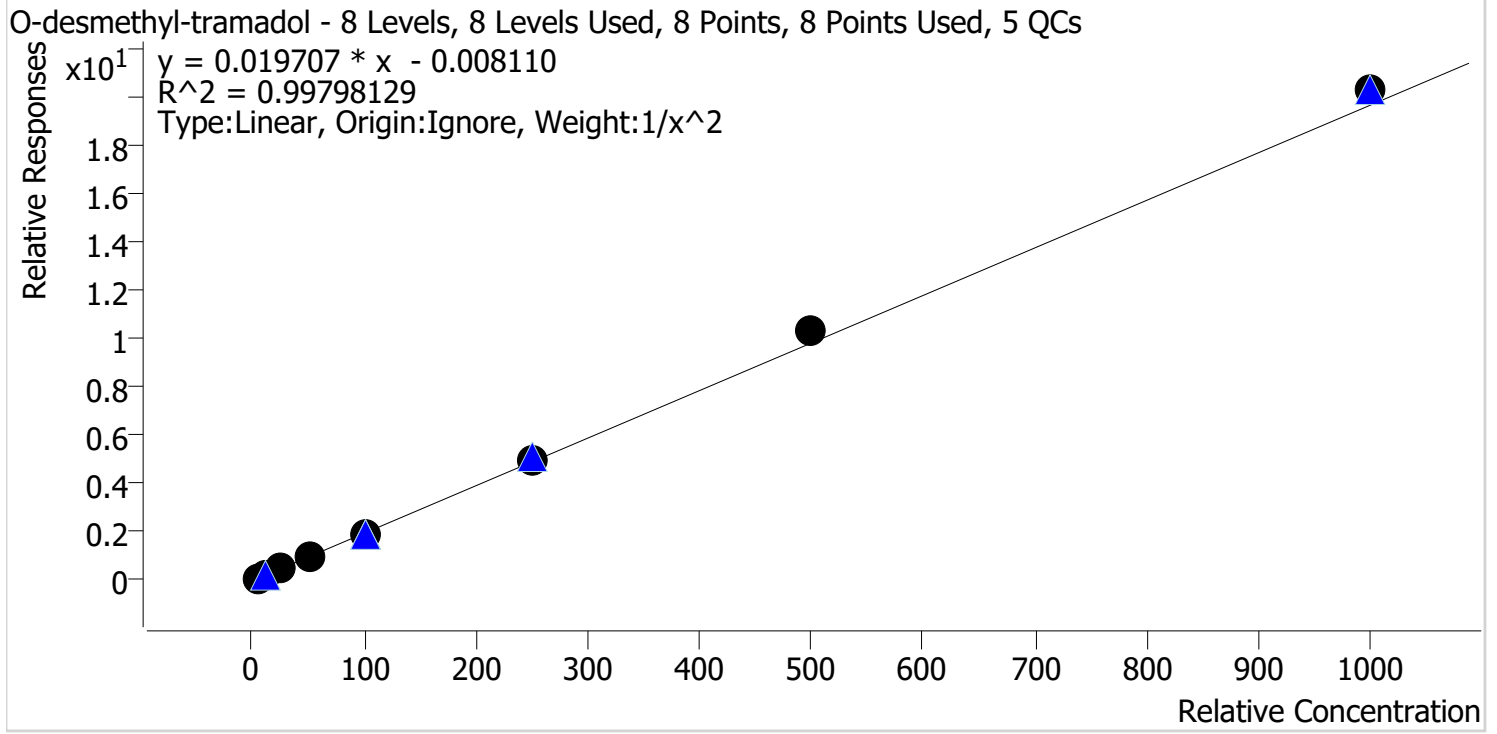
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.1
p1 Cal 4-50ng	4	✓	50.0	50.1	100.2
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	246.7	98.7
p1 Cal 7-500ng	7	✓	500.0	495.2	99.0
p1 Cal 8-1000ng	8	✓	1000.0	1007.7	100.8

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6



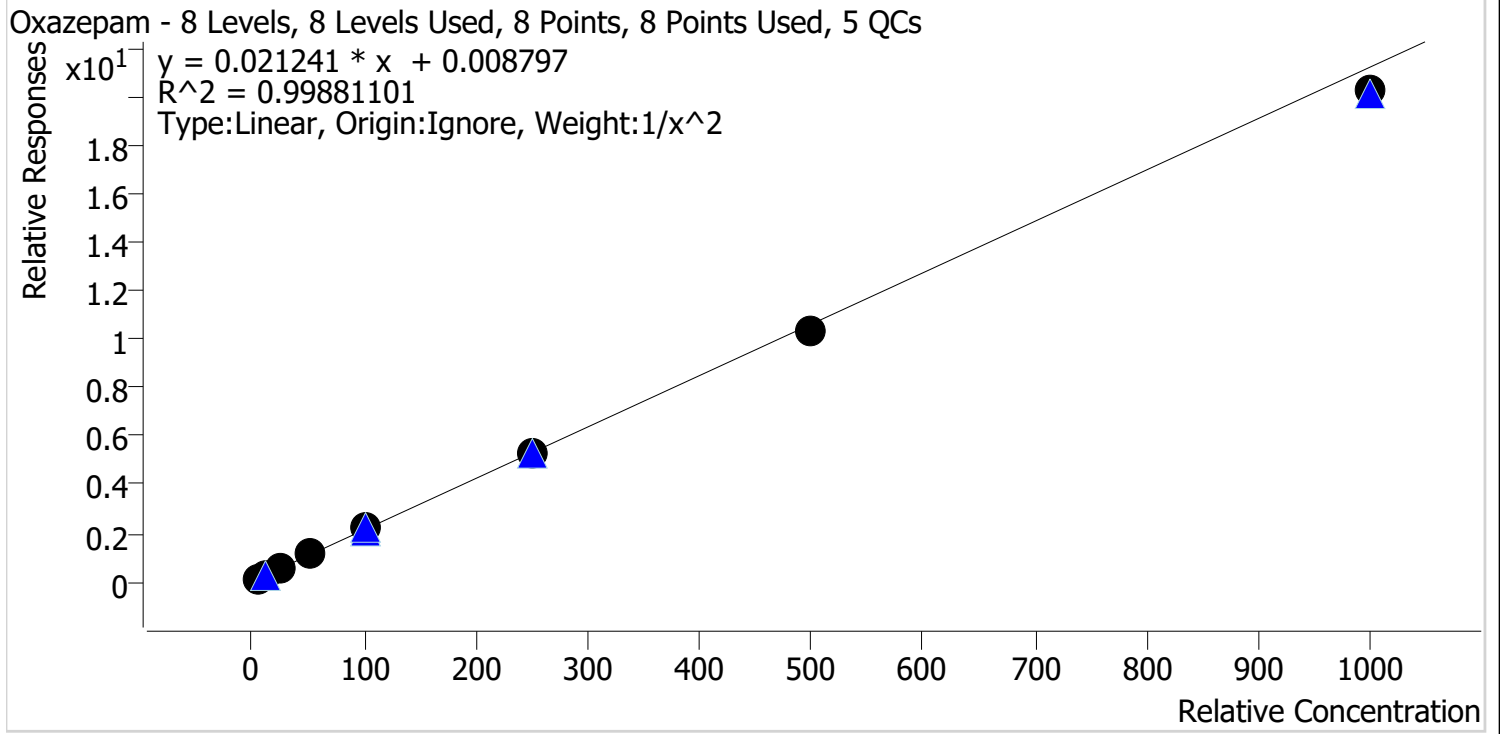
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.8
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	98.1	98.1
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	528.2	105.6
p1 Cal 8-1000ng	8	✓	1000.0	1030.6	103.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Oxazepam Internal Standard Oxazepam-D5



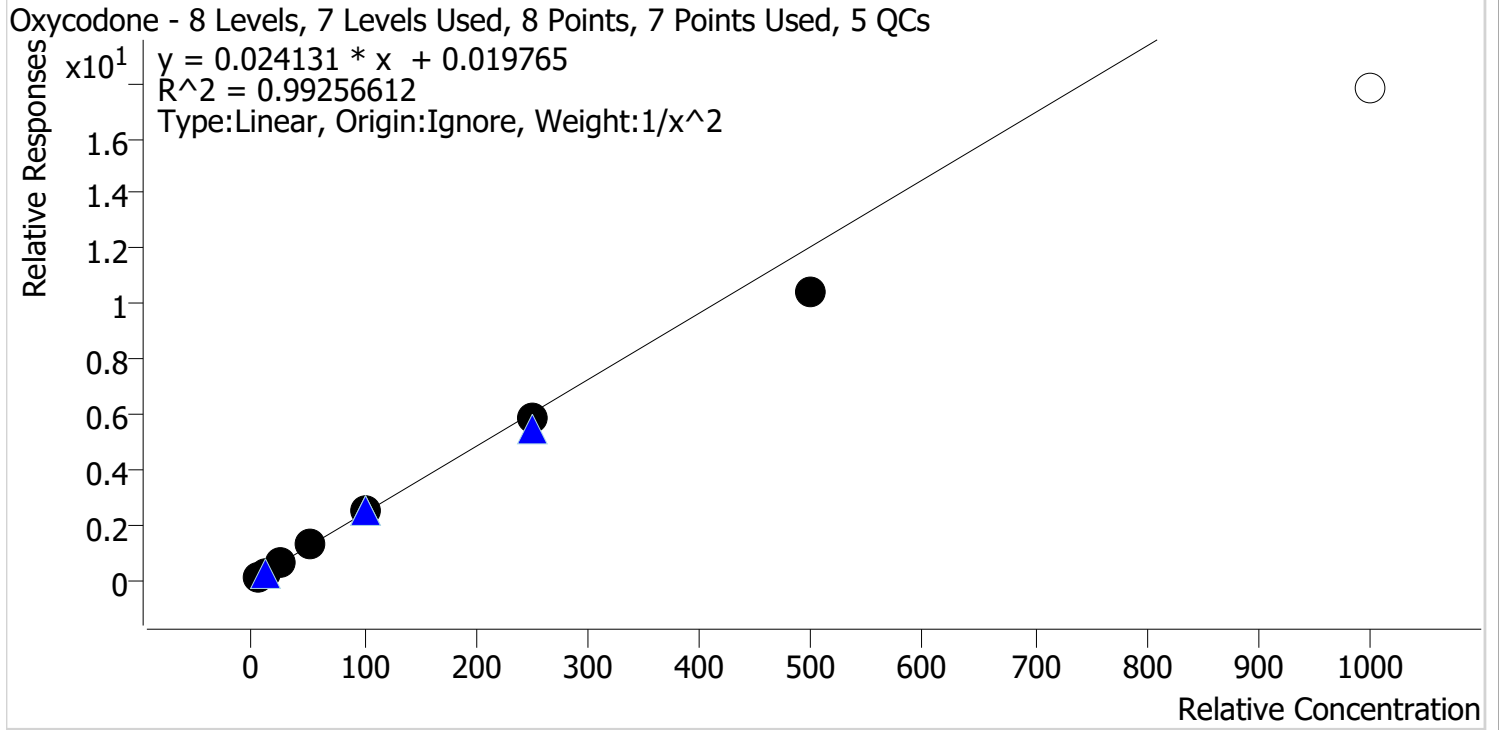
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	51.5	103.0
p1 Cal 5-100ng	5	✓	100.0	101.7	101.7
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	488.0	97.6
p1 Cal 8-1000ng	8	✓	1000.0	954.3	95.4

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6



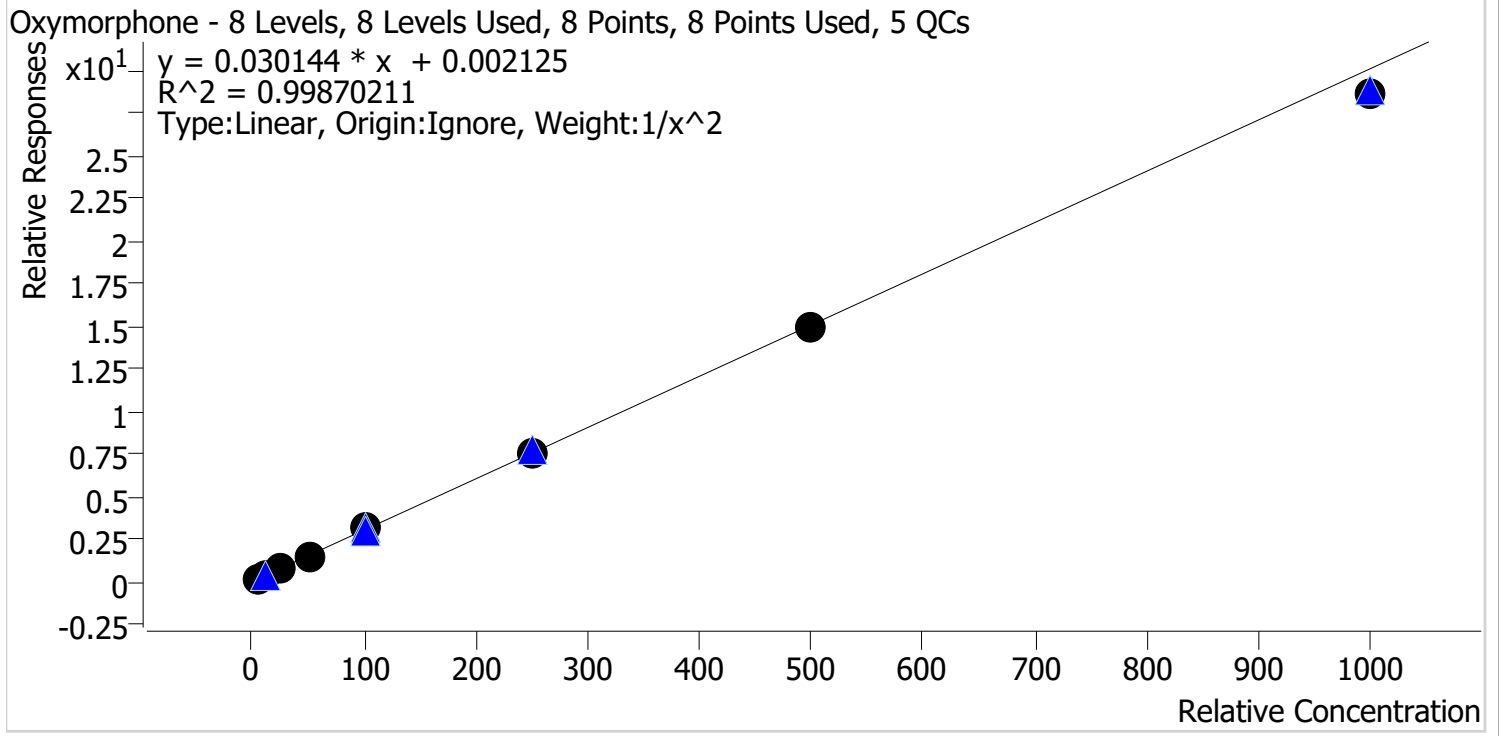
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.8	107.2
p1 Cal 4-50ng	4	✓	50.0	52.6	105.1
p1 Cal 5-100ng	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng	6	✓	250.0	240.4	96.2
p1 Cal 7-500ng	7	✓	500.0	433.8	86.8
p1 Cal 8-1000ng	8	✗	1000.0	736.3	73.6

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3



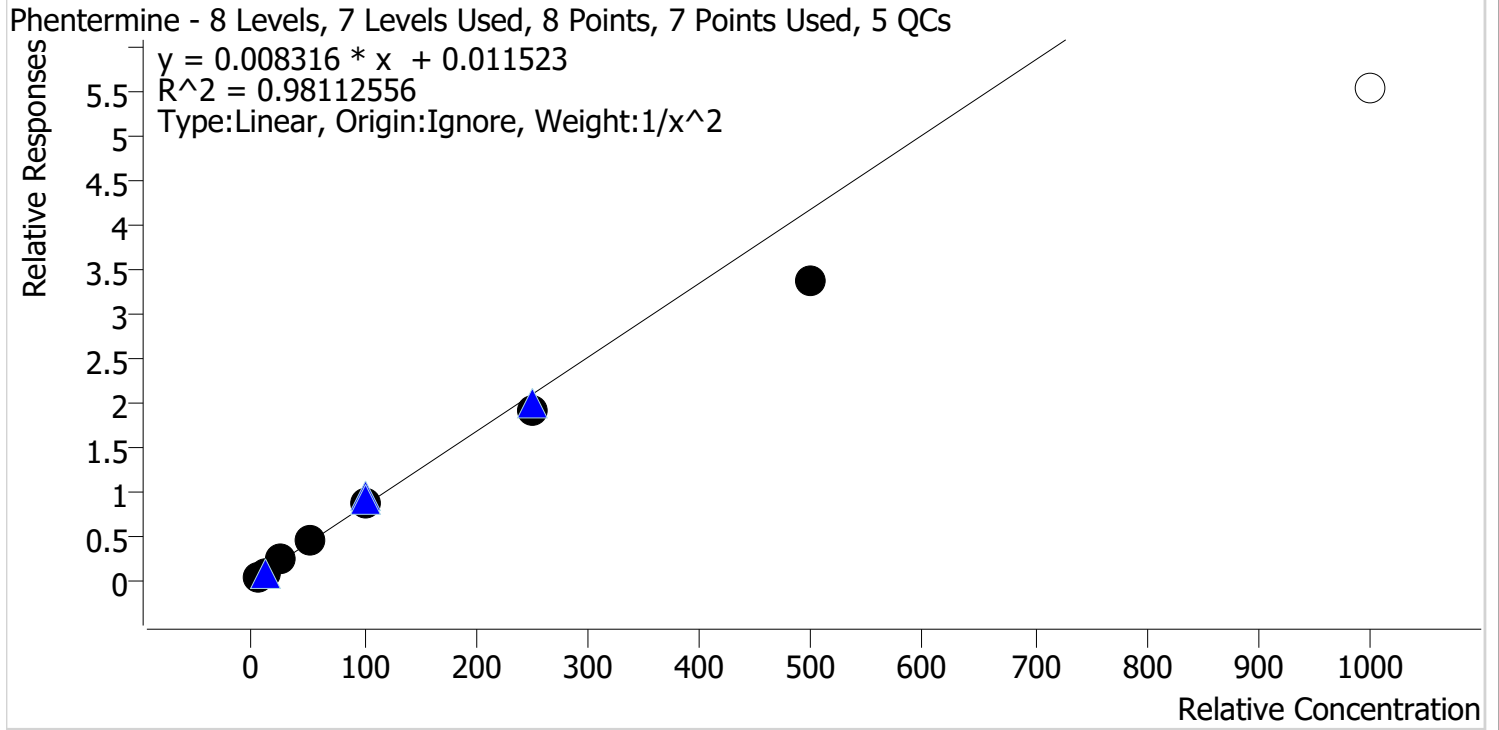
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.4
p1 Cal 4-50ng	4	✓	50.0	48.8	97.6
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	253.0	101.2
p1 Cal 7-500ng	7	✓	500.0	492.3	98.5
p1 Cal 8-1000ng	8	✓	1000.0	950.9	95.1

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	93.6
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	55.6	111.3
p1 Cal 5-100ng	5	✓	100.0	105.4	105.4
p1 Cal 6-250ng	6	✓	250.0	229.7	91.9
p1 Cal 7-500ng	7	✓	500.0	401.1	80.2
p1 Cal 8-1000ng	8	✗	1000.0	662.0	66.2

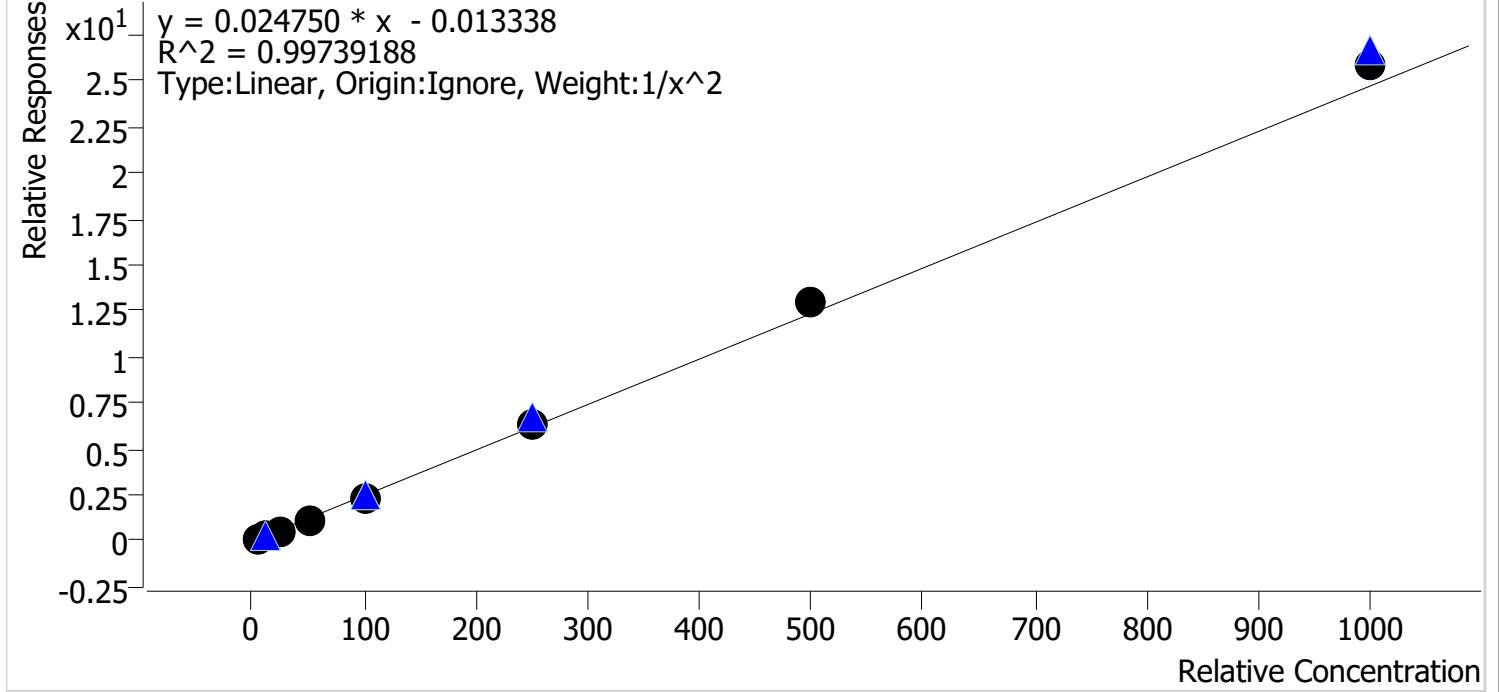
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

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



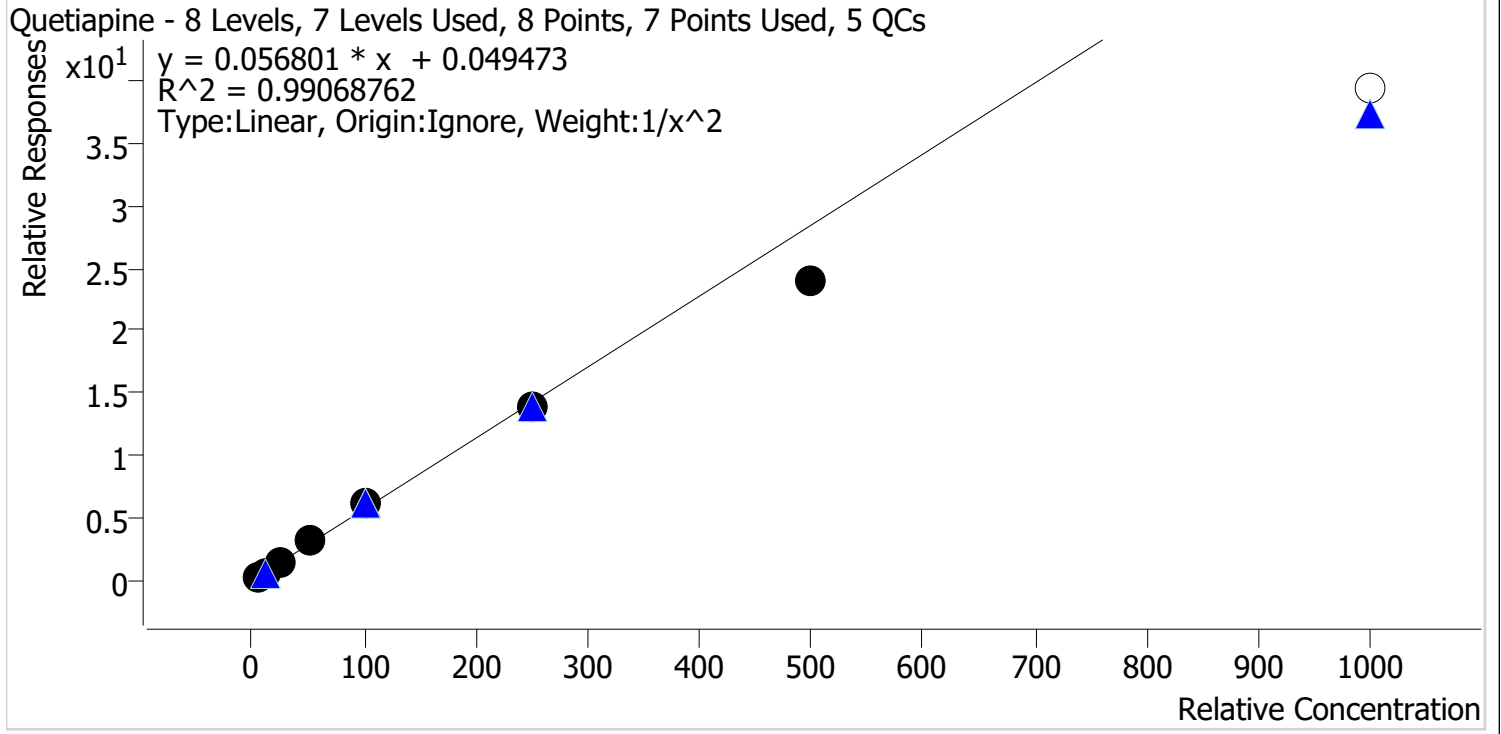
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.7	94.9
p1 Cal 4-50ng	4	✓	50.0	47.6	95.2
p1 Cal 5-100ng	5	✓	100.0	96.8	96.8
p1 Cal 6-250ng	6	✓	250.0	259.6	103.8
p1 Cal 7-500ng	7	✓	500.0	521.9	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1050.1	105.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



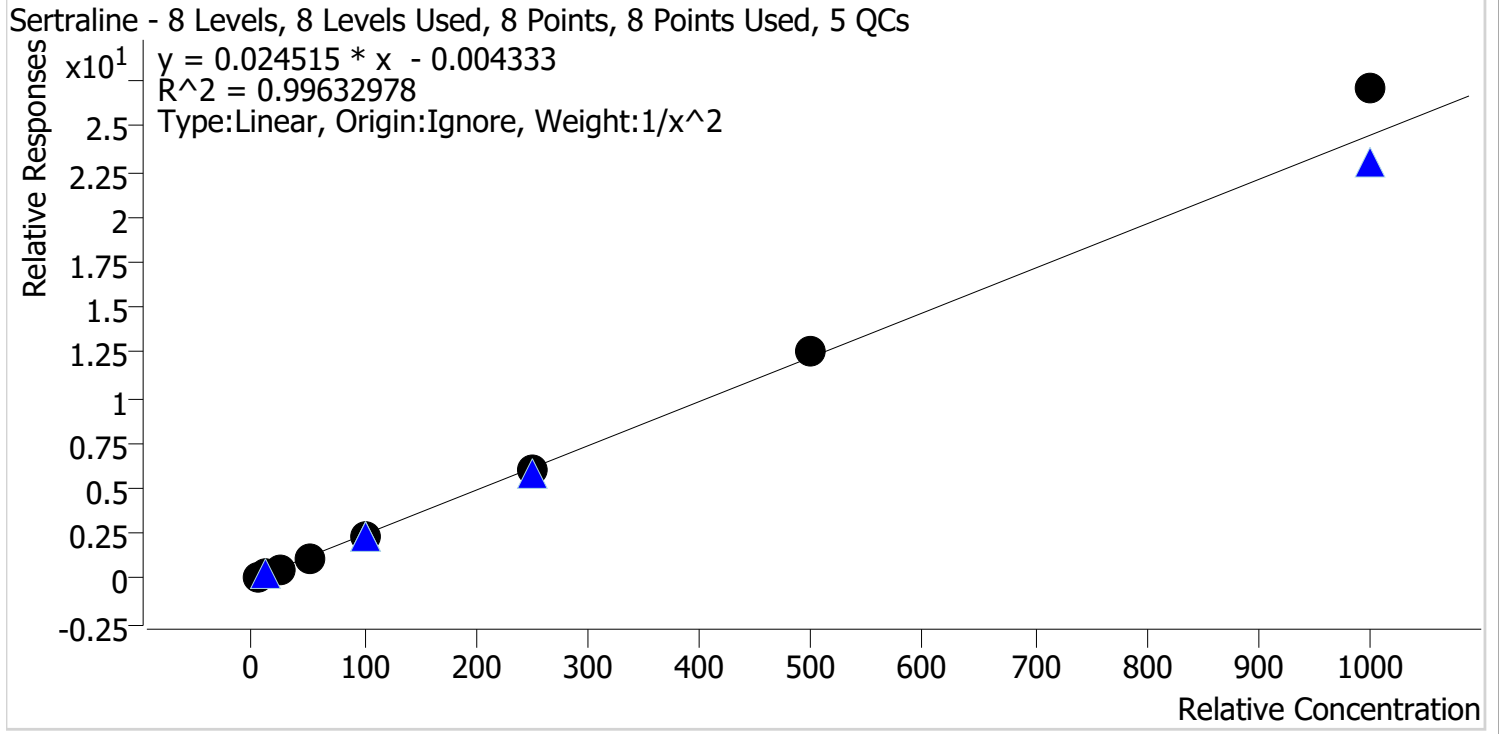
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	26.5	105.9
p1 Cal 4-50ng	4	✓	50.0	53.8	107.7
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	421.7	84.3
p1 Cal 8-1000ng	8	✗	1000.0	692.1	69.2

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



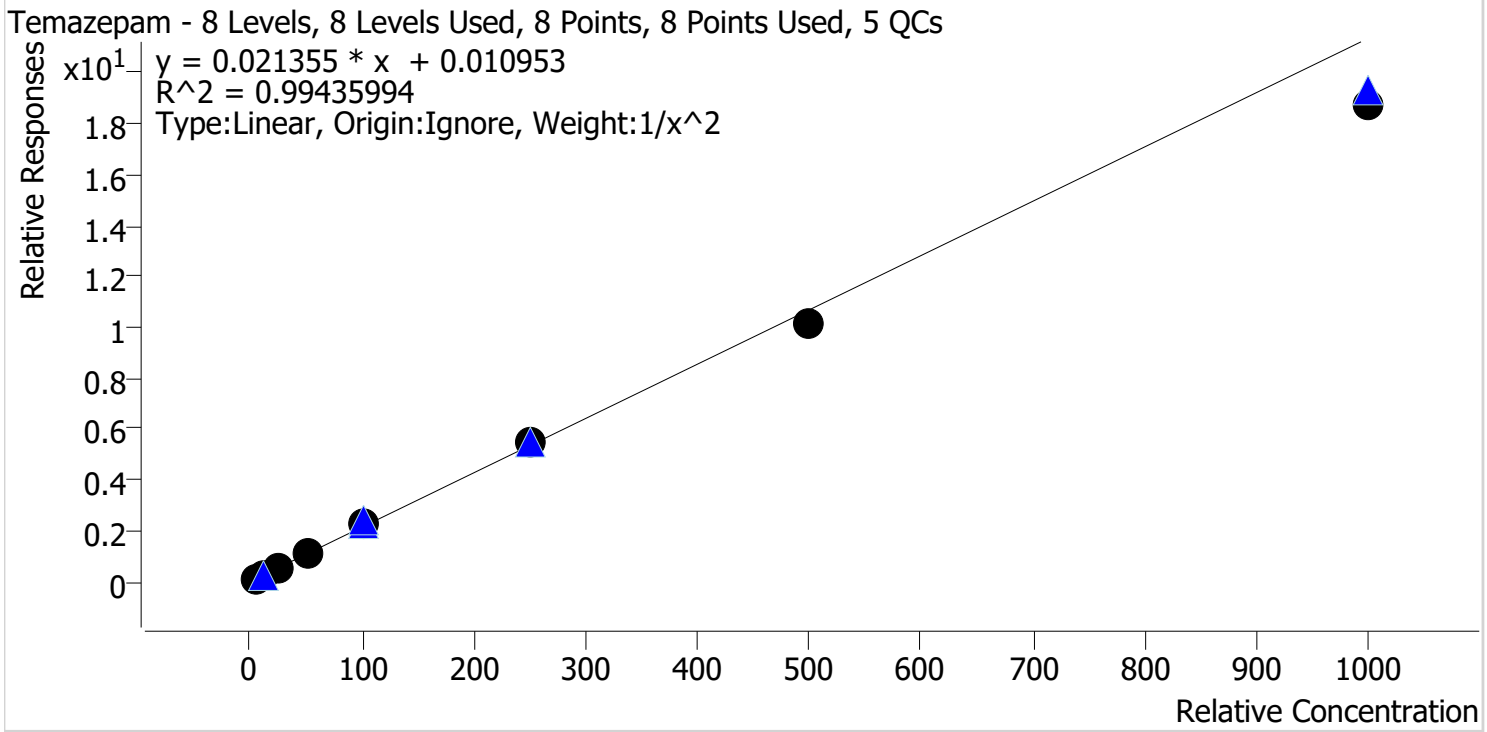
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.6
p1 Cal 4-50ng	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	245.4	98.2
p1 Cal 7-500ng	7	✓	500.0	512.2	102.4
p1 Cal 8-1000ng	8	✓	1000.0	1105.0	110.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



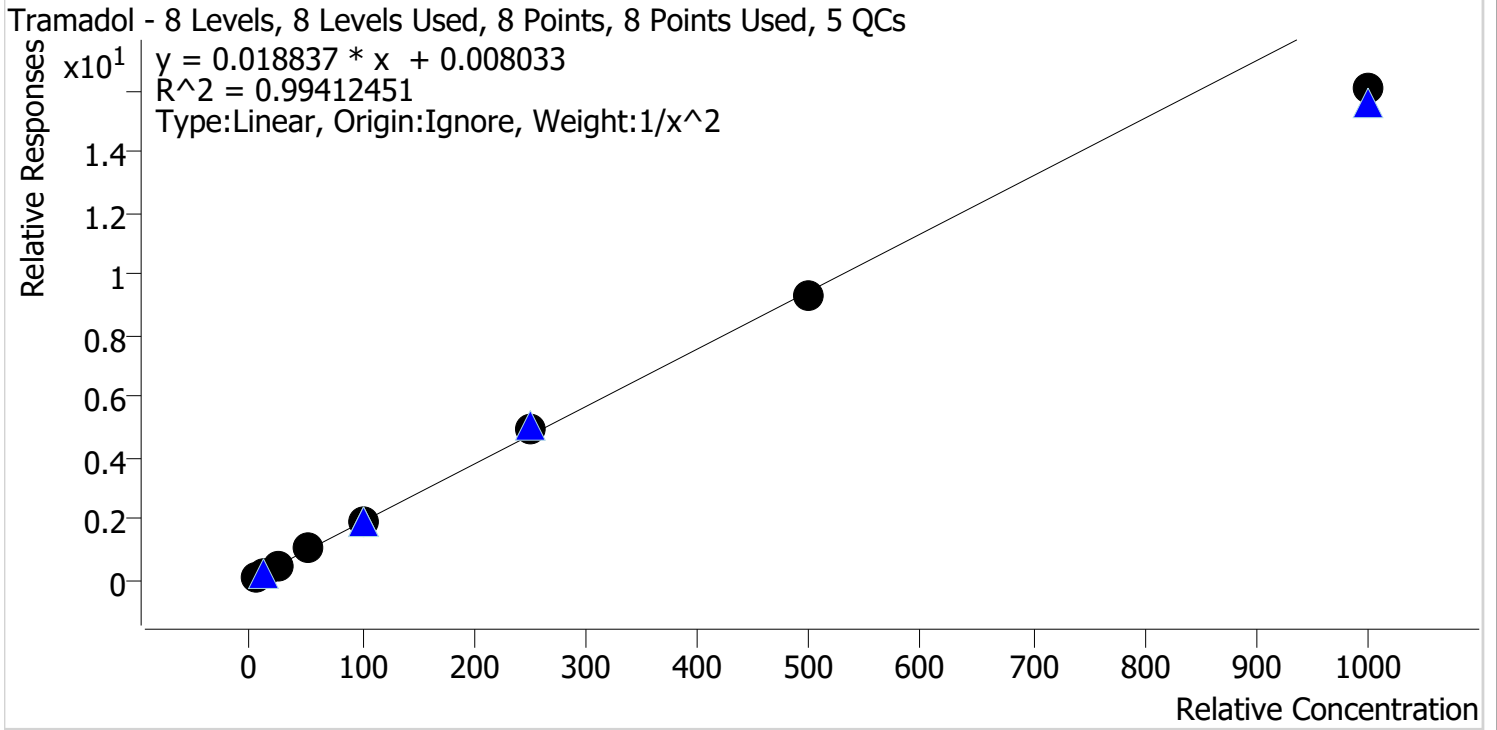
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.1
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.2
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	471.5	94.3
p1 Cal 8-1000ng	8	✓	1000.0	879.6	88.0

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng	2	✓	10.0	10.2	101.5
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.8
p1 Cal 4-50ng	4	✓	50.0	53.0	106.1
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	261.9	104.8
p1 Cal 7-500ng	7	✓	500.0	491.4	98.3
p1 Cal 8-1000ng	8	✓	1000.0	851.6	85.2

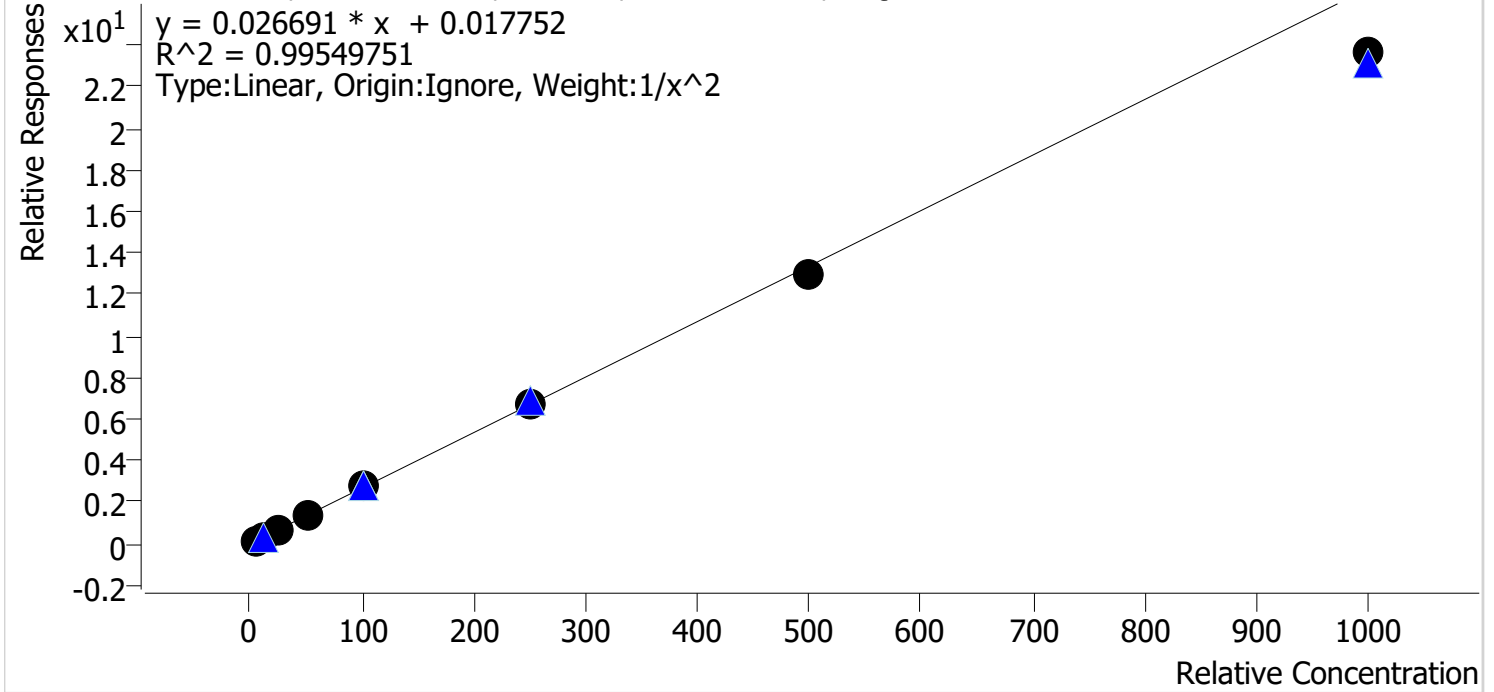
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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



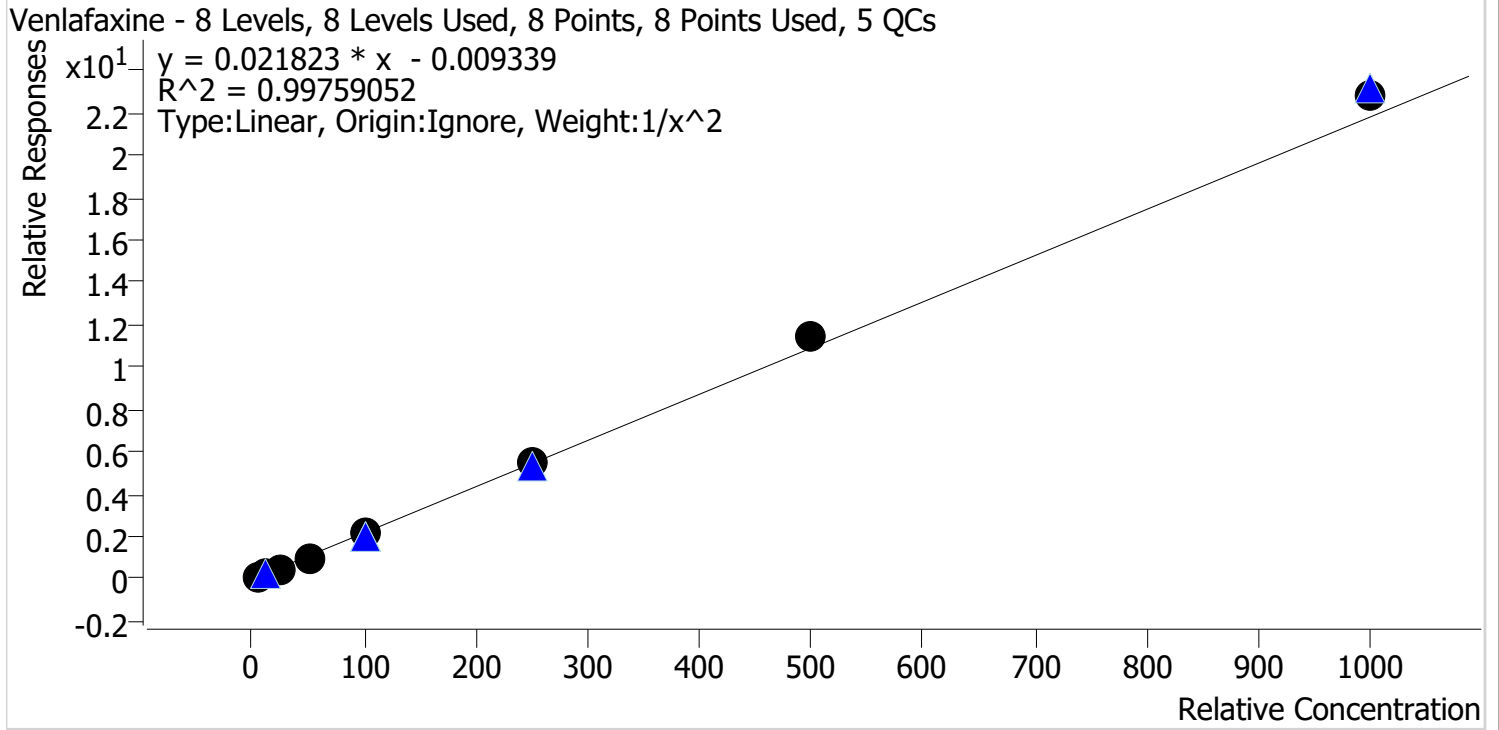
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	103.6	103.6
p1 Cal 6-250ng	6	✓	250.0	253.7	101.5
p1 Cal 7-500ng	7	✓	500.0	484.0	96.8
p1 Cal 8-1000ng	8	✓	1000.0	884.7	88.5

SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datator
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.2
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng	6	✓	250.0	254.0	101.6
p1 Cal 7-500ng	7	✓	500.0	526.1	105.2
p1 Cal 8-1000ng	8	✓	1000.0	1050.4	105.0

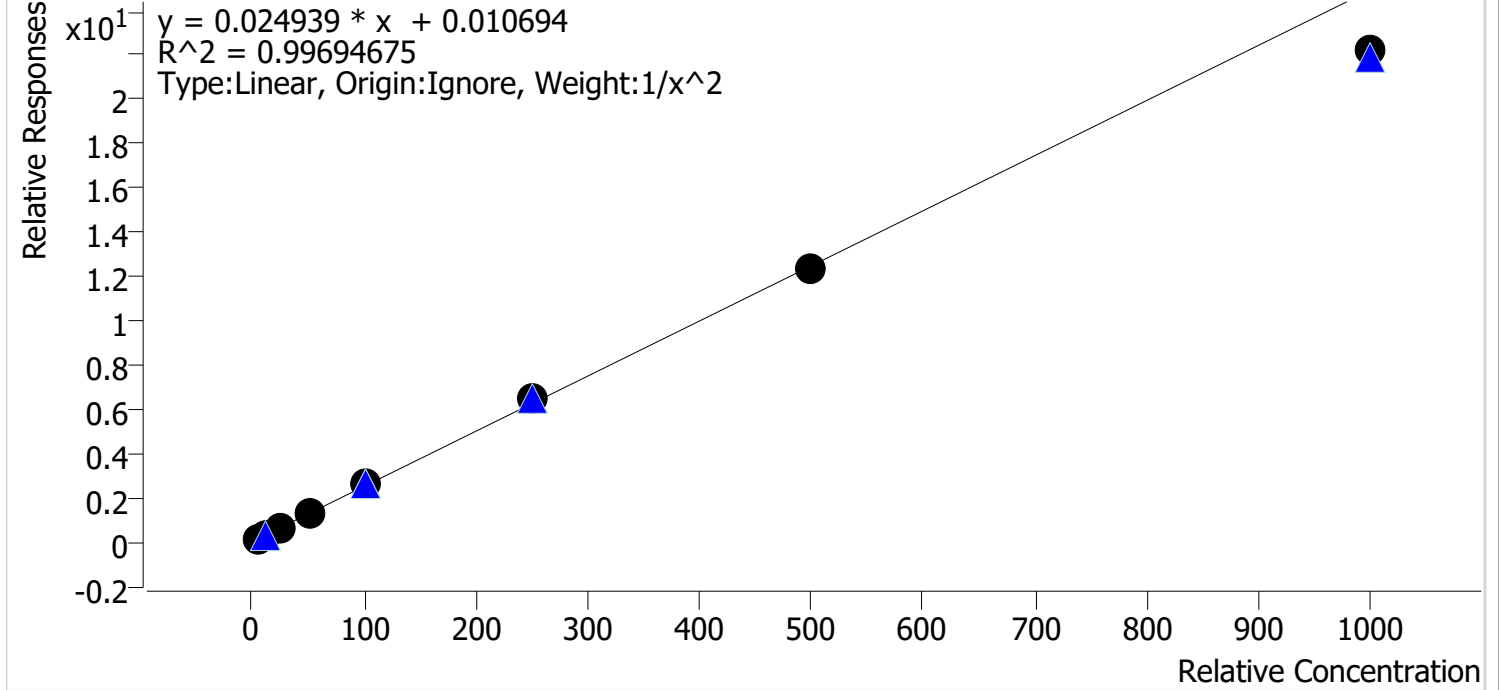
SC



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Last Cal. Update 1/24/2023 12:40 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.1	101.3
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.8
p1 Cal 4-50ng	4	✓	50.0	52.0	104.0
p1 Cal 5-100ng	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng	6	✓	250.0	256.6	102.6
p1 Cal 7-500ng	7	✓	500.0	497.2	99.4
p1 Cal 8-1000ng	8	✓	1000.0	890.6	89.1

SC

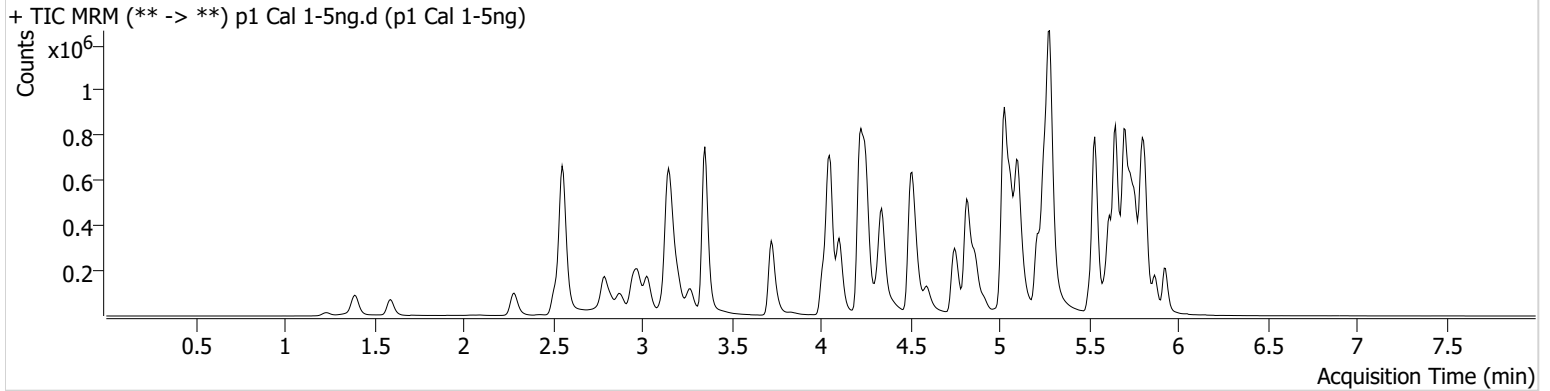


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng.d
Type Cal **Sample** p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m **Operator** Sarah Collins
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 1/23/2023 7:44:51 PM
Sample Info.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	1867	1483.80	66.0	99.61	101528	0.5082 ng/ml
7-aminoclonazepam	4.237	24827	1031.97	84.1	160.15	193198	4.8861 ng/ml
a-hydroxyalprazolam	5.682	13912	177.71	67.1	671.78	1081658	4.7827 ng/ml
alpha-PHP	4.915	28476	221.88	262.5	3122.73	806213	5.0271 ng/ml
alpha-PVP	4.350	109666	292.93	53.0	3004.04	806213	5.0663 ng/ml
Alprazolam	5.759	56691	223.88	116.0	308.48	461749	5.0305 ng/ml
Amphetamine	3.030	195708	1190.03	42.8	563.00	468703	4.4749 ng/ml
Benzoylecgonine	3.864	2144	27.61	7.9	676.02	13594	4.9009 ng/ml
Buprenorphine	5.694	2176	921.47	19.0	378.70	160037	0.4697 ng/ml
Bupropion	4.765	114190	832.65	61.1	523.12	705482	4.9907 ng/ml
Carisoprodol	5.714	67952	121807.06	65.7	330.71	532768	5.1910 ng/ml
Chlordiazepoxide	5.821	26790	2916.39	139.6	381.95	725898	4.8013 ng/ml
Chlorpheniramine	5.104	172770	3098.42	0.2	361.59	1537601	5.0294 ng/ml
Citalopram	5.211	86768	1299.49	38.5	122.62	691794	5.0801 ng/ml
Clonazepam	5.601	63046	170.10	33.9	608.86	170125	4.7816 ng/ml
Clonazolam	5.545	48956	66238.21	34.8	10931.02	170125	4.7719 ng/ml
Cocaine	4.251	67567	1351.16	57.6	188698.28	1145399	5.0277 ng/ml
Codeine	2.566	9354	37167.68	99.9	22451.09	92056	4.7164 ng/ml
Cyclobenzaprine	5.618	89387	91641.39	7.1	58.18	722143	5.1446 ng/ml
Dextromethorphan	5.262	53261	613.16	82.5	176.03	477648	5.0336 ng/ml
Dextrorphan	4.104	29599	2350.36	213.3	1667.35	629090	5.1337 ng/ml
Diazepam	5.931	38705	140.31	88.2	148.45	337564	4.9555 ng/ml
Dihydrocodeine	2.545	23369	122.29	56.5	231.31	268002	4.7402 ng/ml
Diphenhydramine	5.283	244398	459.70	31.8	1653.77	2381559	5.1121 ng/ml
DMT	2.838	12697	291.86	130.2	1952.12	477648	5.2752 ng/ml
Doxylamine	4.525	204572	2433.14	101.0	7819.16	1813779	5.0111 ng/ml
Duloxetine	5.644	8537	518.48	16.9	146.87	84070	5.0477 ng/ml
EDDP	5.255	108463	262.14	41.1	1627.44	1040516	5.0502 ng/ml
Etizolam	5.797	20492	27345.65	24.6	5674.15	170125	5.2650 ng/ml
Fentanyl	5.081	9723	178.43	70.2	28054.68	900538	0.5134 ng/ml
Flualprazolam	5.695	28896	515.58	93.3	1026.66	461749	4.7742 ng/ml
Fluorofentanyl	5.128	21262	∞	39.5	490.11	8524	0.5038 ng/ml
Fluoxetine	5.704	107597	322.16	7.4	23.20	703564	5.2460 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	40963	116.06	30.5	20.04	376355	4.7429 ng/ml
Hydromorphone	1.602	28256	876.65	76.2	718.10	179054	4.9592 ng/ml
Hydroxyzine	5.687	92782	1796.42	73.8	3017.98	477648	5.1886 ng/ml
Ketamine	4.030	63030	59542.51	39.7	34.10	489547	4.7956 ng/ml
Lamotrigine	4.260	6540	165.09	90.6	109.07	1638781	4.8309 ng/ml
Lorazepam	5.737	50102	1082.19	45.1	51.57	635850	4.7044 ng/ml
MDA	3.178	133848	228.50	35.3	181.91	801097	4.8090 ng/ml
MDMA	3.278	63756	2519.50	113.4	721.35	143236	4.9476 ng/ml
Meprobamate	4.888	53792	177.88	27.4	439.56	459894	4.7266 ng/ml
Methadone	5.649	169616	∞	50.9	1262.52	1337227	5.0890 ng/ml
Methamphetamine	3.205	180669	195.10	31.2	219.41	1288407	4.8776 ng/ml
Metoprolol	4.313	20076	504.97	102.8	1763.87	1596078	4.8564 ng/ml
Mirtazapine	4.593	148286	617.52	49.1	592.04	806213	5.1647 ng/ml
Mitragynine	5.209	36602	35410.06	34.0	600.27	1337227	5.0010 ng/ml
Morphine	1.240	4456	73.25	16.8	138.46	9912	4.8855 ng/ml
Norbuprenorphine	4.984	622	463.98	98.0	505.57	30367	0.5638 ng/ml
Nordiazepam	5.877	39279	450.17	60.0	235.09	235843	4.8819 ng/ml
Norfentanyl	4.071	17272	222.43	39.2	46.13	1219904	0.5218 ng/ml
Norhydrocodone	3.054	7633	45.71	44.2	34.13	106348	5.2472 ng/ml
Noroxycodone	2.897	40406	15.16	46.0	74476.99	246351	4.9835 ng/ml
O-desmethyl-tramadol	3.359	158036	514.99	5.9	384.15	1707429	5.1081 ng/ml
o-desmethylvenlafaxine	4.056	212941	12499.64	19.2	252.47	369429	5.1551 ng/ml
Olanzapine	4.407	35351	76.81	61.1	113.74	178375	5.0112 ng/ml
Oxazepam	5.740	71722	157.71	73.1	333.95	635850	4.8962 ng/ml
Oxycodone	2.822	76677	1223.71	29.7	171.33	565039	4.8045 ng/ml
Oxymorphone	1.398	40008	277.62	45.6	255.42	264002	4.9569 ng/ml
Phentermine	3.760	45241	192.09	6.6	35.88	896561	4.6824 ng/ml
Promethazine	5.535	162092	15526.79	30.2	243.98	1418758	5.1551 ng/ml
Pseudoephedrine	2.569	175081	4963.13	17.8	3286.10	1638781	5.1794 ng/ml
Quetiapine	5.523	95938	348.19	59.4	9098.93	294475	4.8647 ng/ml
Sertraline	5.766	33329	163.42	101.9	491.80	274108	5.1366 ng/ml
Temazepam	5.800	122820	360.92	25.6	230.06	1081658	4.8043 ng/ml
Tramadol	4.232	159726	340.80	3.6	48.02	1596078	4.8861 ng/ml
Trazodone	5.059	114148	1250.93	67.1	69042.57	764889	4.9262 ng/ml
Venlafaxine	5.029	161051	417.35	34.1	609.37	1568758	5.1322 ng/ml
Zolpidem	4.837	167413	1890.06	27.8	669.81	1254768	4.9211 ng/ml

SC

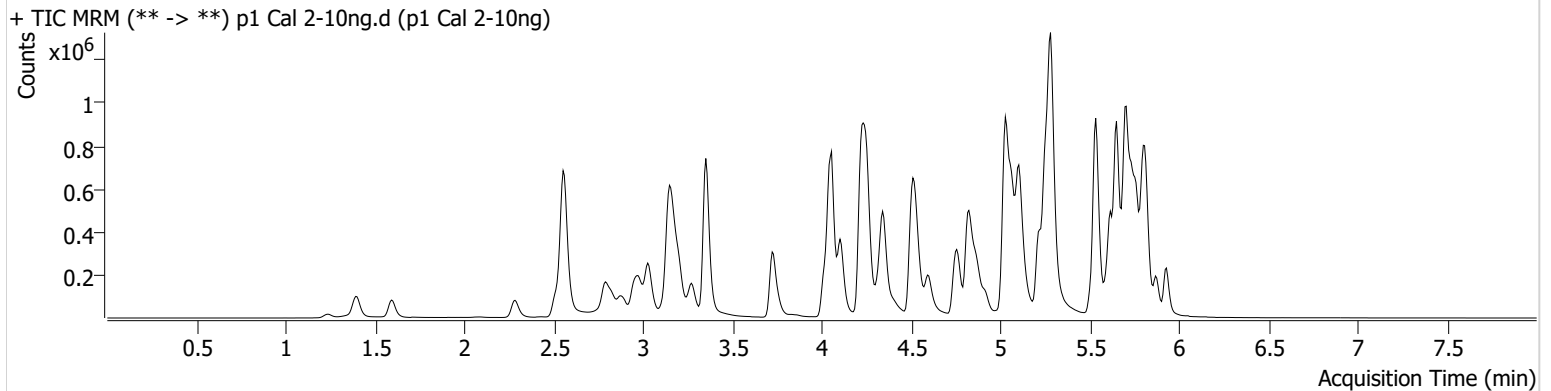


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 2-10ng.d
Type	Cal	Sample	p1 Cal 2-10ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-B1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 7:55:37 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.119	3209	13138.11	75.1	11225.85	92823	0.9740 ng/ml
7-aminoclonazepam	4.237	47811	15610.23	86.9	89.62	198410	10.0704 ng/ml
a-hydroxyalprazolam	5.682	23792	169.54	68.1	6724.93	952423	10.2920 ng/ml
alpha-PHP	4.921	54026	298.19	253.8	9780.70	752753	10.0162 ng/ml
alpha-PVP	4.350	202240	890.88	52.6	611.15	752753	9.8989 ng/ml
Alprazolam	5.759	103527	723.22	109.0	1146.82	418149	10.0782 ng/ml
Amphetamine	3.030	356924	737.95	42.2	581.34	436336	10.1077 ng/ml
Benzoylecgonine	3.864	3987	311.19	8.4	885.13	12391	10.3132 ng/ml
Buprenorphine	5.694	4183	138.23	15.6	413.89	153961	1.0662 ng/ml
Bupropion	4.771	206192	442.13	62.4	601.05	649680	10.0158 ng/ml
Carisoprodol	5.714	123913	369.92	60.3	1126.95	482991	9.6629 ng/ml
Chlordiazepoxide	5.821	47903	2065.83	135.2	764.54	663522	10.3261 ng/ml
Chlorpheniramine	5.111	323291	3811.32	0.3	24.77	1400802	10.0418 ng/ml
Citalopram	5.218	163702	223.10	37.4	1070.56	644679	9.8112 ng/ml
Clonazepam	5.601	113533	3191.46	33.4	372.49	155781	10.3501 ng/ml
Clonazolam	5.545	88668	106477.58	36.9	42890.61	155781	10.4185 ng/ml
Cocaine	4.251	124065	∞	58.1	294.44	1059087	10.0204 ng/ml
Codeine	2.566	17074	383.21	102.1	40723.78	85183	10.5929 ng/ml
Cyclobenzaprine	5.618	171915	51829.75	7.4	123.13	698851	9.7039 ng/ml
Dextromethorphan	5.262	98398	2669.17	81.3	416.07	447813	9.9320 ng/ml
Dextrorphan	4.111	52848	52308.73	221.3	3832.96	590889	9.6081 ng/ml
Diazepam	5.931	70458	1785.81	90.2	210.67	312756	10.0398 ng/ml
Dihydrocodeine	2.545	42623	346.52	57.2	670.74	251919	10.4445 ng/ml
Diphenhydramine	5.283	445495	4015.97	31.5	6930.34	2165178	9.8320 ng/ml
DMT	2.838	22191	544.99	133.3	994.39	447813	9.4380 ng/ml
Doxylamine	4.525	377104	1696.30	97.0	1782.04	1659354	9.9846 ng/ml
Duloxetine	5.644	18070	329.55	13.8	191.07	88563	10.0623 ng/ml
EDDP	5.255	212640	6122.05	39.0	296.57	1008630	9.9420 ng/ml
Etizolam	5.797	35580	1090.97	28.2	8304.15	155781	9.3885 ng/ml
Fentanyl	5.081	17556	754.52	66.9	22585.74	842858	0.9531 ng/ml
Flualprazolam	5.695	51365	5487.03	96.9	2614.14	418149	10.5723 ng/ml
Fluorofentanyl	5.128	41125	206.79	40.3	6950.24	7757	1.0072 ng/ml
Fluoxetine	5.704	222598	411019.98	7.7	16390.84	736033	9.5957 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	74338	311.76	30.5	117.29	351786	10.5232 ng/ml
Hydromorphone	1.602	54180	144455.62	73.6	1493.23	166112	10.2005 ng/ml
Hydroxyzine	5.687	179049	4639.00	75.0	10852.13	447813	9.7885 ng/ml
Ketamine	4.030	116965	2956.53	40.4	101.44	455229	10.3764 ng/ml
Lamotrigine	4.260	12284	1323.04	88.5	56.98	1533614	10.3367 ng/ml
Lorazepam	5.737	90021	388.77	48.0	146.86	580517	10.8198 ng/ml
MDA	3.184	240951	1656.45	35.6	181.34	737597	10.4375 ng/ml
MDMA	3.278	119269	1816.86	111.9	1573.44	131393	10.1498 ng/ml
Meprobamate	4.888	96386	3763.64	28.5	1231.53	427183	10.5650 ng/ml
Methadone	5.649	317232	22214.32	50.6	987.14	1231487	9.8962 ng/ml
Methamphetamine	3.205	314296	3084.10	32.1	435.27	1191323	10.1000 ng/ml
Metoprolol	4.313	36939	46525.34	101.0	11162.41	1474558	10.2702 ng/ml
Mirtazapine	4.600	268474	7056.25	49.5	276.11	752753	9.6440 ng/ml
Mitragynine	5.209	67779	60079.72	35.5	10701.36	1231487	10.1463 ng/ml
Morphine	1.247	8274	401.00	16.4	44.25	9190	10.1843 ng/ml
Norbuprenorphine	4.984	687	∞	114.3	878.06	25812	0.8440 ng/ml
Nordiazepam	5.877	71816	427.50	61.5	1247.72	211054	10.2711 ng/ml
Norfentanyl	4.071	31539	366.18	36.6	140.95	1147343	0.9575 ng/ml
Norhydrocodone	3.054	13893	253.39	42.0	122.28	95185	9.4721 ng/ml
Noroxycodone	2.897	70577	410.61	44.8	641.24	224831	9.9786 ng/ml
O-desmethyl-tramadol	3.359	288324	12937.73	5.9	236.73	1547450	9.8659 ng/ml
o-desmethylvenlafaxine	4.056	391459	58484.81	19.0	603.93	338368	9.6828 ng/ml
Olanzapine	4.407	66848	37772.83	61.1	647.61	169746	9.9498 ng/ml
Oxazepam	5.740	130956	2449.14	72.2	2999.05	580517	10.2060 ng/ml
Oxycodone	2.822	138489	587.43	28.7	452.68	512185	10.3860 ng/ml
Oxymorphone	1.398	72399	619.21	46.1	882.71	237529	10.0409 ng/ml
Phentermine	3.760	82493	1129.35	6.3	49.92	827805	10.5982 ng/ml
Promethazine	5.535	315757	588.88	30.9	3747.04	1395238	9.6829 ng/ml
Pseudoephedrine	2.569	319572	563.24	17.8	279.48	1533614	9.6074 ng/ml
Quetiapine	5.523	172464	36271.19	61.0	394.28	276062	10.1275 ng/ml
Sertraline	5.766	73237	365.14	97.9	483.07	310324	9.8034 ng/ml
Temazepam	5.800	223079	383.54	26.2	196.42	952423	10.4553 ng/ml
Tramadol	4.232	293901	∞	3.6	28.95	1474558	10.1544 ng/ml
Trazodone	5.066	208258	630063.85	66.0	112.99	739464	9.8867 ng/ml
Venlafaxine	5.036	295757	443.10	33.8	697.69	1446572	9.7967 ng/ml
Zolpidem	4.837	298520	264792.18	27.9	117.90	1133604	10.1304 ng/ml

SC

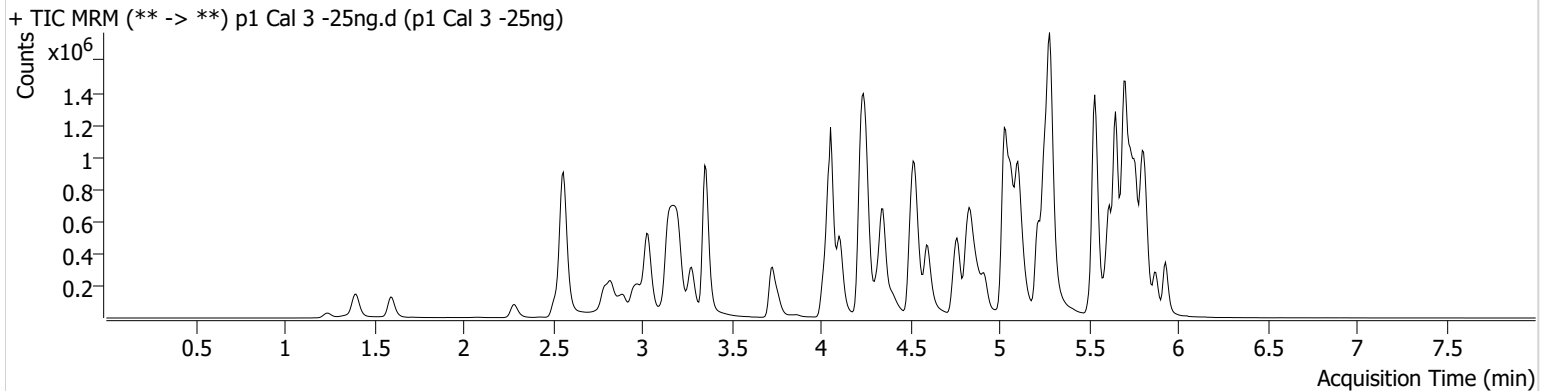


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 3 -25ng.d
Type	Cal	Sample	p1 Cal 3 -25ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-C1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:06:14 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	8423	12293.39	70.7	30744.46	96027	2.5030 ng/ml
7-aminoclonazepam	4.244	125835	594.68	85.0	3502.92	208201	26.8226 ng/ml
a-hydroxyalprazolam	5.682	57922	158.22	67.0	288.70	922451	27.4806 ng/ml
alpha-PHP	4.921	137258	4058.75	251.4	1751.48	770798	24.5658 ng/ml
alpha-PVP	4.350	515176	1175.15	52.3	291.07	770798	24.4614 ng/ml
Alprazolam	5.759	249499	525.08	116.0	1071.27	421882	23.9829 ng/ml
Amphetamine	3.037	910358	2638.49	40.8	6749.50	444391	27.4168 ng/ml
Benzoylecgonine	3.864	9733	4558.62	8.3	964.16	12316	25.7748 ng/ml
Buprenorphine	5.694	9600	7040.59	16.0	2263.71	148743	2.7088 ng/ml
Bupropion	4.771	527030	626.89	62.5	651.50	676784	24.9234 ng/ml
Carisoprodol	5.714	292529	415528.36	62.4	531.04	448019	23.4029 ng/ml
Chlordiazepoxide	5.821	115624	19658.91	136.4	1306.58	644809	27.0962 ng/ml
Chlorpheniramine	5.104	831272	17410.91	0.3	126.65	1463836	24.3089 ng/ml
Citalopram	5.218	413213	472.56	36.9	131308.72	639276	24.2600 ng/ml
Clonazepam	5.601	279246	34507.47	33.8	12336.86	153561	27.2896 ng/ml
Clonazolam	5.545	214843	287901.03	38.6	76535.26	153561	27.0699 ng/ml
Cocaine	4.251	310457	47987.68	58.2	471.16	1076060	24.7327 ng/ml
Codeine	2.566	42393	115.93	103.9	186949.67	87676	27.4232 ng/ml
Cyclobenzaprine	5.618	447922	456.73	7.3	167.53	709050	24.0936 ng/ml
Dextromethorphan	5.262	248289	229.40	74.8	142242.77	454313	24.7229 ng/ml
Dextrorphan	4.111	137295	2090.36	218.9	4259.21	597068	24.4403 ng/ml
Diazepam	5.931	183370	242.90	87.7	749.71	325843	25.5500 ng/ml
Dihydrocodeine	2.545	108591	694.99	57.9	735.37	259811	27.7508 ng/ml
Diphenhydramine	5.290	1125163	957.38	32.2	192.03	2189764	23.9310 ng/ml
DMT	2.838	56468	1214.34	134.5	3968.70	454313	22.9825 ng/ml
Doxylamine	4.525	965164	3087.51	98.5	9462.51	1715423	24.5559 ng/ml
Duloxetine	5.644	43934	1818.74	15.0	15455.93	91136	23.6661 ng/ml
EDDP	5.255	515724	2761.08	41.1	8315.36	969208	24.6883 ng/ml
Etizolam	5.797	92158	6542.45	26.2	15656.48	153561	23.5891 ng/ml
Fentanyl	5.081	48001	542.25	66.7	59636.24	854193	2.5031 ng/ml
Flualprazolam	5.695	121843	6571.14	99.3	922.61	421882	26.5419 ng/ml
Fluorofentanyl	5.135	106520	1785.15	38.7	5499.24	8013	2.4404 ng/ml
Fluoxetine	5.704	535860	27164.52	7.7	51950.74	725290	22.2927 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	183585	1929.06	32.8	167.14	360042	27.3653 ng/ml
Hydromorphone	1.602	137683	1750.55	74.9	575151.89	170771	25.1459 ng/ml
Hydroxyzine	5.687	449926	6100.11	75.9	8586.67	454313	23.0012 ng/ml
Ketamine	4.030	293303	10700.93	39.5	316.01	464600	26.6751 ng/ml
Lamotrigine	4.260	30112	1026.97	89.0	1641.03	1533275	26.2673 ng/ml
Lorazepam	5.737	194301	7022.22	50.6	298.15	547481	26.8413 ng/ml
MDA	3.184	572724	1394.00	36.1	499.77	732536	26.4904 ng/ml
MDMA	3.278	301559	2819.33	113.7	1989.07	135483	24.9720 ng/ml
Meprobamate	4.895	230973	472.57	29.3	229.22	431820	27.1801 ng/ml
Methadone	5.649	798195	19190.50	50.4	19680.11	1243613	24.0222 ng/ml
Methamphetamine	3.205	803747	9212.70	31.6	7868.06	1232397	26.5096 ng/ml
Metoprolol	4.313	93418	31950.06	102.6	936.94	1500313	26.4238 ng/ml
Mirtazapine	4.600	696445	51674.87	49.4	1859.14	770798	23.8265 ng/ml
Mitragynine	5.209	166641	5644.45	36.5	372.19	1243613	24.8311 ng/ml
Morphine	1.247	21529	4339.71	16.9	3399.77	9673	25.7596 ng/ml
Norbuprenorphine	4.990	1832	1757.26	87.1	1471.65	28753	2.5443 ng/ml
Nordiazepam	5.877	180696	1187.78	62.3	4634.91	215555	25.7198 ng/ml
Norfentanyl	4.071	79302	912.59	37.8	329.37	1160710	2.2922 ng/ml
Norhydrocodone	3.054	33628	∞	40.9	143.77	88996	22.6816 ng/ml
Noroxycodone	2.897	176307	1208.39	45.3	1330.59	225969	25.5181 ng/ml
O-desmethyl-tramadol	3.359	746013	17828.70	5.9	3810.08	1625035	23.7061 ng/ml
o-desmethylvenlafaxine	4.056	1020078	114863.28	18.8	451.09	341912	23.9293 ng/ml
Olanzapine	4.400	166648	824.32	60.4	609.01	170290	24.7124 ng/ml
Oxazepam	5.740	306185	2504.24	72.8	496.28	547481	25.9151 ng/ml
Oxycodone	2.822	354482	2375.59	28.9	1932.41	532004	26.7934 ng/ml
Oxymorphone	1.398	189407	∞	43.2	∞	242402	25.8508 ng/ml
Phentermine	3.767	205739	2266.99	6.3	354.36	844659	27.9060 ng/ml
Promethazine	5.535	806839	20674.58	30.0	397.66	1406119	23.7232 ng/ml
Pseudoephedrine	2.569	818115	3992.42	17.9	15802.52	1533275	23.7883 ng/ml
Quetiapine	5.523	440216	13400.25	60.5	18129.06	283293	26.4863 ng/ml
Sertraline	5.766	179705	397.56	99.1	194503.77	315723	23.3943 ng/ml
Temazepam	5.800	523181	808.04	26.4	172.14	922451	26.0465 ng/ml
Tramadol	4.232	745591	∞	3.6	151.46	1500313	25.9551 ng/ml
Trazodone	5.066	551743	529247.96	65.5	20652.37	754395	26.7367 ng/ml
Venlafaxine	5.036	750095	1864.09	33.7	3096.68	1485940	23.5593 ng/ml
Zolpidem	4.837	761497	362.07	28.3	5395.92	1179380	25.4612 ng/ml

SC

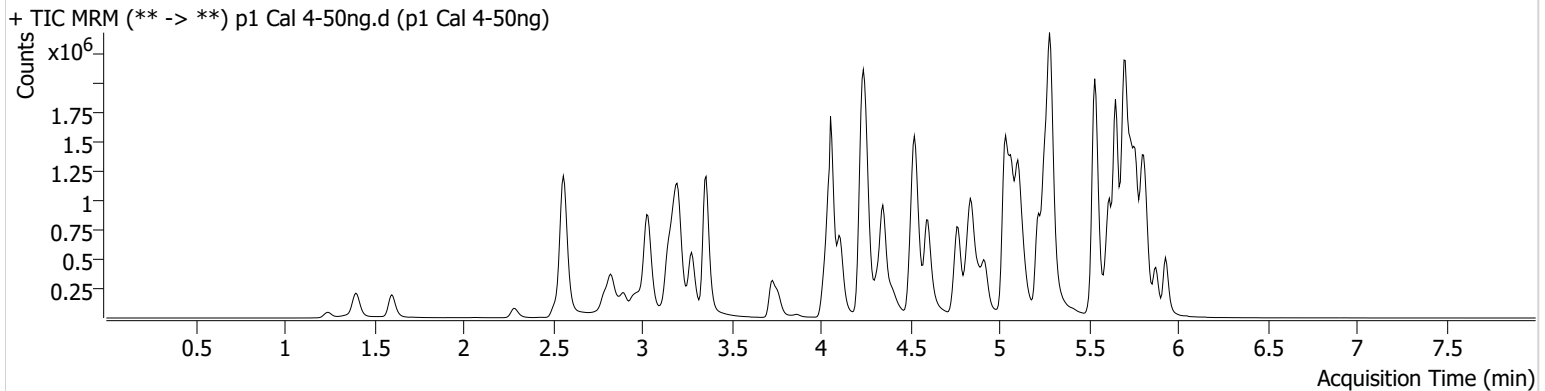


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 4-50ng.d
Type	Cal	Sample	p1 Cal 4-50ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-D1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:16:51 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	15258	2590.55	74.8	18184.04	92524	4.7242 ng/ml
7-aminoclonazepam	4.244	239046	840.65	85.1	6108.73	202854	53.2827 ng/ml
a-hydroxyalprazolam	5.682	105936	473.69	65.0	790.73	867474	54.4515 ng/ml
alpha-PHP	4.921	264141	3807.03	252.8	15736.66	746851	48.6008 ng/ml
alpha-PVP	4.357	980510	836.22	52.9	577.63	746851	47.9427 ng/ml
Alprazolam	5.759	472467	1529.48	116.6	1795.26	392917	48.6961 ng/ml
Amphetamine	3.037	1640941	2054.36	41.3	26186.24	434236	51.7562 ng/ml
Benzoylecgonine	3.864	19441	837.35	8.4	3666.05	13070	48.7781 ng/ml
Buprenorphine	5.694	17284	788.09	15.5	6278.56	133386	5.5673 ng/ml
Bupropion	4.771	1034256	3300.42	62.5	19662.09	662348	50.2169 ng/ml
Carisoprodol	5.714	521584	841110.61	61.7	1093.11	394039	46.6533 ng/ml
Chlordiazepoxide	5.821	213539	7407.05	141.2	2838.21	612832	53.5745 ng/ml
Chlorpheniramine	5.111	1645857	2387.21	0.3	105.52	1431429	48.9393 ng/ml
Citalopram	5.218	821460	26546.04	36.3	913.58	616187	49.5443 ng/ml
Clonazepam	5.601	529766	1771.94	33.9	287973.58	148996	54.2938 ng/ml
Clonazolam	5.545	409840	137441.97	36.9	215046.14	148996	54.1892 ng/ml
Cocaine	4.257	582346	20970.79	59.8	493.53	1046944	47.7172 ng/ml
Codeine	2.566	77361	18056.89	102.4	263.24	83141	53.9983 ng/ml
Cyclobenzaprine	5.618	886403	46885.50	7.1	209.66	707365	47.2748 ng/ml
Dextromethorphan	5.262	482301	∞	78.9	9027.98	443179	49.2440 ng/ml
Dextrorphan	4.111	267102	88802.28	216.2	756.03	580843	48.7087 ng/ml
Diazepam	5.931	361456	8322.88	89.4	506.44	323178	51.0893 ng/ml
Dihydrocodeine	2.545	202044	1611.24	59.0	208.42	256293	53.5168 ng/ml
Diphenhydramine	5.290	2184627	1837.49	31.9	42013.93	2131962	47.3112 ng/ml
DMT	2.838	107601	1223.62	135.0	736.41	443179	44.4576 ng/ml
Doxylamine	4.525	1918260	1846.26	97.8	5496.58	1669511	50.0316 ng/ml
Duloxetine	5.644	87866	3413.27	14.8	1155.44	89160	48.2970 ng/ml
EDDP	5.255	912608	1360.13	41.7	238.45	878914	47.9229 ng/ml
Etizolam	5.797	174224	10212.42	26.7	69275.54	148996	45.3318 ng/ml
Fentanyl	5.081	92794	438.71	67.4	57067.83	848578	4.8329 ng/ml
Flualprazolam	5.695	222775	7870.15	102.6	298216.51	392917	53.3072 ng/ml
Fluorofentanyl	5.135	208132	14060.11	39.9	6142.56	8152	4.6354 ng/ml
Fluoxetine	5.704	1063629	1371.07	7.3	557186.03	686341	45.8856 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	330037	245.22	33.8	205.97	341789	53.0708 ng/ml
Hydromorphone	1.602	256415	24.29	76.5	3909.09	165347	48.3240 ng/ml
Hydroxyzine	5.687	881785	40336.51	76.0	2203.68	443179	45.3613 ng/ml
Ketamine	4.030	562250	1941.02	40.1	470.97	453560	53.1600 ng/ml
Lamotrigine	4.260	57864	1035.15	86.4	4704.54	1464249	53.4996 ng/ml
Lorazepam	5.730	345366	1505.74	47.4	406.51	502215	53.5229 ng/ml
MDA	3.184	1051245	6018.83	35.8	1095.89	682838	53.2127 ng/ml
MDMA	3.278	584793	12060.25	113.9	6880.23	129517	50.7166 ng/ml
Meprobamate	4.895	422949	31279.95	29.2	10551.20	405741	54.4480 ng/ml
Methadone	5.649	1582134	2703.73	50.2	4199.35	1236784	47.4553 ng/ml
Methamphetamine	3.205	1561886	18791.80	31.4	1250.64	1209660	53.5094 ng/ml
Metoprolol	4.320	177303	891.26	104.0	1551.66	1473158	51.6385 ng/ml
Mirtazapine	4.600	1357120	1269.64	49.8	64094.84	746851	47.5188 ng/ml
Mitragynine	5.209	312638	1506.13	35.9	1725.48	1236784	46.9226 ng/ml
Morphine	1.247	40545	1884.21	17.0	1109.17	8912	53.0685 ng/ml
Norbuprenorphine	4.990	3434	14134.98	110.9	3863.04	28484	5.1497 ng/ml
Nordiazepam	5.877	356125	530.22	60.6	2211.64	213901	51.3625 ng/ml
Norfentanyl	4.071	150382	2303.75	36.4	308.05	1059882	4.6968 ng/ml
Norhydrocodone	3.060	62598	∞	39.1	∞	76172	47.9680 ng/ml
Noroxycodone	2.897	325860	33447.65	45.6	1852.51	214745	50.0846 ng/ml
O-desmethyl-tramadol	3.359	1446265	2422.71	6.0	166.93	1555499	47.5905 ng/ml
o-desmethylvenlafaxine	4.056	1966718	44848.49	18.8	3927.96	330136	47.1244 ng/ml
Olanzapine	4.400	302436	1418.60	62.2	308.84	153272	49.8199 ng/ml
Oxazepam	5.740	553993	1363.19	72.7	429.27	502215	51.5182 ng/ml
Oxycodone	2.822	668957	2434.18	29.0	846.54	519312	52.5631 ng/ml
Oxymorphone	1.398	345334	1330.03	44.7	974.02	234473	48.7882 ng/ml
Phentermine	3.767	390500	408.88	6.5	762.49	823537	55.6370 ng/ml
Promethazine	5.535	1549106	26379.60	30.8	1416.05	1329620	47.6131 ng/ml
Pseudoephedrine	2.569	1561474	27430.02	18.1	14555.42	1464249	47.0235 ng/ml
Quetiapine	5.523	864367	371.45	59.6	245.74	278206	53.8272 ng/ml
Sertraline	5.766	360369	4734.90	100.1	660.35	309382	47.6900 ng/ml
Temazepam	5.800	994298	22983.65	26.3	425.65	867474	53.1619 ng/ml
Tramadol	4.232	1483419	458.86	3.5	144.03	1473158	53.0294 ng/ml
Trazodone	5.066	1047571	104091.18	68.5	782308.06	735746	52.6803 ng/ml
Venlafaxine	5.036	1466023	1801.43	34.2	15249.73	1426529	47.5198 ng/ml
Zolpidem	4.843	1494921	6447.94	27.7	3016.01	1143290	52.0012 ng/ml

AM #28 Multi-Drug Quant. Results

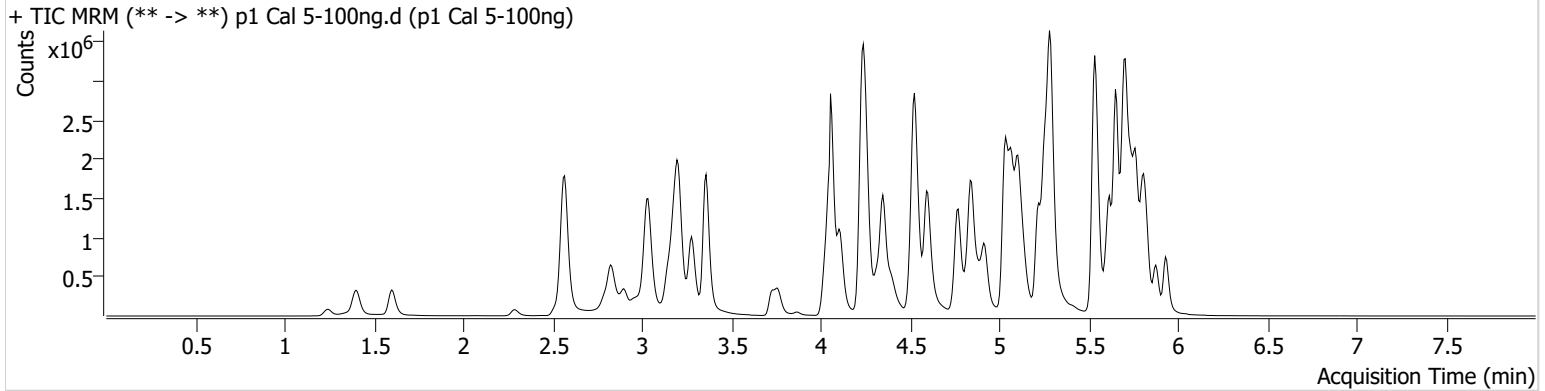
SC



Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 5-100ng.d
Type	Cal	Sample	p1 Cal 5-100ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-E1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:27:28 PM		

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	33041	30563.75	70.6	821.45	92267	10.2833 ng/ml
7-aminoclonazepam	4.244	414047	424.57	85.0	5940.00	185473	101.8662 ng/ml
a-hydroxyalprazolam	5.682	164324	261.46	66.3	245.86	703392	105.1378 ng/ml
alpha-PHP	4.921	516292	654.44	254.4	5565.26	718258	98.5780 ng/ml
alpha-PVP	4.350	1947406	969.90	53.0	1126.95	718258	98.8928 ng/ml
Alprazolam	5.759	888521	2244.62	110.2	2039.83	355740	101.0783 ng/ml
Amphetamine	3.037	2951425	3423.31	40.4	3359.28	425173	96.2443 ng/ml
Benzoylcegonine	3.864	38368	259.12	7.7	80.53	12470	101.2234 ng/ml
Buprenorphine	5.694	31252	2957.17	14.9	4614.15	132626	10.2290 ng/ml
Bupropion	4.771	2048150	889.94	61.9	5134.25	649287	101.6899 ng/ml
Carisoprodol	5.714	830445	654.99	63.5	430.72	312770	92.8058 ng/ml
Chlordiazepoxide	5.828	363382	5029.37	146.1	3150.35	539698	104.4331 ng/ml
Chlorpheniramine	5.111	3232125	10114.00	0.3	2804.25	1400423	97.9590 ng/ml
Citalopram	5.218	1557998	23967.64	36.2	14144.87	578222	99.6642 ng/ml
Clonazepam	5.601	897116	4165.03	34.1	799000.49	133177	103.7389 ng/ml
Clonazolam	5.545	701313	489635.79	38.1	427014.72	133177	104.6577 ng/ml
Cocaine	4.251	1149336	53105.02	57.3	864.81	992193	99.4126 ng/ml
Codeine	2.573	138626	192.72	103.4	1584.95	77003	105.7128 ng/ml
Cyclobenzaprine	5.618	1669039	33246.09	7.2	298.68	666264	93.9801 ng/ml
Dextromethorphan	5.262	890699	13500.02	78.9	60262.51	404454	99.6635 ng/ml
Dextrorphan	4.111	520328	1157.68	218.5	1709.89	557808	98.6336 ng/ml
Diazepam	5.931	656937	454.39	87.6	510.40	298226	100.9268 ng/ml
Dihydrocodeine	2.545	389392	424.26	56.4	612.23	248658	107.6157 ng/ml
Diphenhydramine	5.290	4203334	101794.66	31.6	563.12	1994192	96.8787 ng/ml
DMT	2.838	209520	1430.05	140.3	426.28	404454	94.3372 ng/ml
Doxylamine	4.525	3878596	2431.77	95.6	3843.64	1656840	101.8193 ng/ml
Duloxetine	5.644	155366	4088.13	14.5	1186.95	75158	101.2236 ng/ml
EDDP	5.255	1889750	740.51	41.8	14131.24	882683	98.5286 ng/ml
Etizolam	5.797	320621	2876.76	27.3	109077.65	133177	92.6287 ng/ml
Fentanyl	5.081	179739	198.24	66.8	477.87	803327	9.8463 ng/ml
Flualprazolam	5.695	379047	16229.71	99.8	10409.15	355740	101.2764 ng/ml
Fluorofentanyl	5.135	415409	7384.20	39.5	11079.83	7547	9.9284 ng/ml
Fluoxetine	5.704	1835121	633.10	7.2	105822.03	547255	98.3622 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	632828	578.92	33.8	362.58	340345	103.4846 ng/ml
Hydromorphone	1.602	514914	2921.38	74.3	7981.59	160402	99.9829 ng/ml
Hydroxyzine	5.687	1673495	25954.43	77.0	1523.41	404454	93.4223 ng/ml
Ketamine	4.030	1099652	61663.38	39.2	408.57	445194	106.7282 ng/ml
Lamotrigine	4.260	103975	1845.09	87.4	1031.10	1369861	103.3426 ng/ml
Lorazepam	5.737	469822	1683.01	50.3	1554.79	376349	98.4763 ng/ml
MDA	3.184	1817793	3551.14	35.2	1393.36	622728	101.8672 ng/ml
MDMA	3.278	1135915	125500.69	113.0	4600.79	123037	103.7615 ng/ml
Meprobamate	4.895	755801	25617.21	28.3	1456.37	375896	106.4693 ng/ml
Methadone	5.649	3084045	960837.60	50.1	46627.59	1168891	97.4249 ng/ml
Methamphetamine	3.205	3018161	26167.95	31.4	1679.66	1208359	104.4908 ng/ml
Metoprolol	4.313	348195	158055.05	101.3	3284.27	1444920	103.9962 ng/ml
Mirtazapine	4.600	2641502	82805.29	49.0	3317.14	718258	95.7684 ng/ml
Mitragynine	5.209	614417	7179.79	37.2	6849.94	1168891	97.6685 ng/ml
Morphine	1.247	79322	3984.90	17.1	542.36	8874	104.6506 ng/ml
Norbuprenorphine	4.990	6561	19647.90	106.2	3182.60	28996	9.9928 ng/ml
Nordiazepam	5.877	625730	2292.03	62.3	1944.55	186561	103.7603 ng/ml
Norfentanyl	4.071	287484	11124.91	38.1	541.70	979429	9.6534 ng/ml
Norhydrocodone	3.060	110901	399.82	41.7	197.33	65369	97.7912 ng/ml
Noroxycodone	2.897	586598	1274.76	44.7	2103.25	194922	99.8036 ng/ml
O-desmethyl-tramadol	3.359	2914351	3481.61	5.9	4060.03	1513489	98.1201 ng/ml
o-desmethylvenlafaxine	4.056	3893403	104720.96	18.4	2991.57	313569	97.5036 ng/ml
Olanzapine	4.393	650242	447.97	61.8	401.92	156650	104.7943 ng/ml
Oxazepam	5.740	816371	2345.62	74.3	294.14	376349	101.7082 ng/ml
Oxycodone	2.822	1283221	19460.26	29.0	1777.87	503343	104.8295 ng/ml
Oxymorphone	1.398	681141	∞	42.8	∞	215638	104.7165 ng/ml
Phentermine	3.767	731054	4072.87	6.4	181.82	823419	105.3816 ng/ml
Promethazine	5.535	3070711	1220.43	30.5	3678.31	1289551	96.7510 ng/ml
Pseudoephedrine	2.569	3021686	5106.48	17.7	11329.75	1369861	96.7113 ng/ml
Quetiapine	5.523	1632027	33659.81	61.2	30129.54	267105	106.6980 ng/ml
Sertraline	5.766	632190	765.41	99.0	30939.02	260534	99.1561 ng/ml
Temazepam	5.807	1585906	22410.91	26.6	513.72	703392	105.0691 ng/ml
Tramadol	4.232	2804921	1338.20	3.6	515.80	1444920	102.6259 ng/ml
Trazodone	5.066	1986662	1167.68	71.1	78020.99	714185	103.5556 ng/ml
Venlafaxine	5.036	2898603	2338.42	33.4	14666.38	1358018	98.2348 ng/ml
Zolpidem	4.843	2969631	110606.33	27.7	606781.31	1147826	103.3107 ng/ml

SC

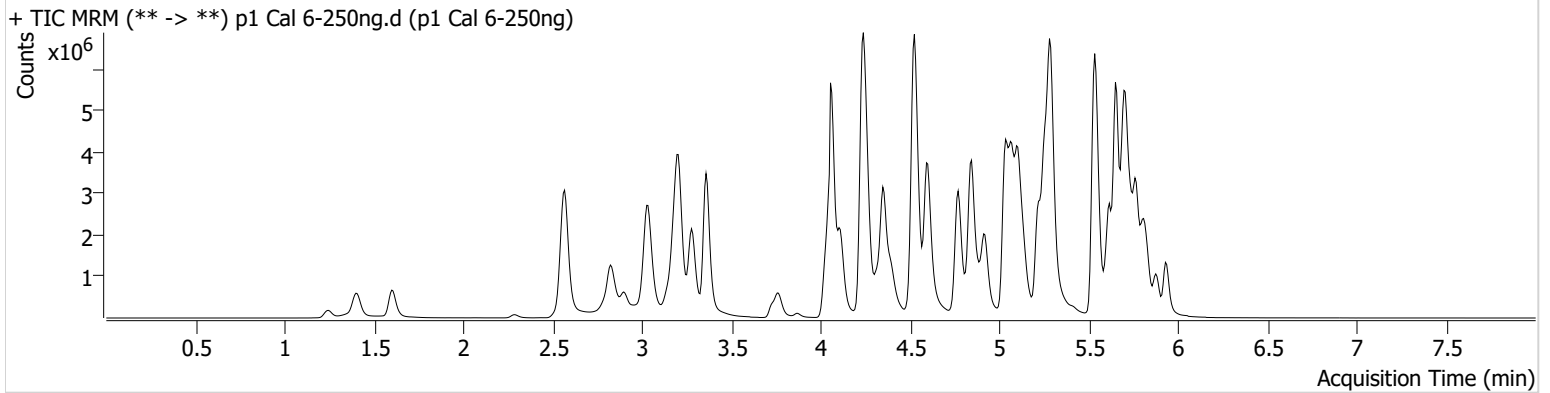


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 6-250ng.d
Type	Cal	Sample	p1 Cal 6-250ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-F1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:38:04 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	80280	54355.64	71.5	19526.15	91403	25.2517 ng/ml
7-aminoclonazepam	4.244	717169	6139.32	87.5	377.91	153287	214.6272 ng/ml
a-hydroxyalprazolam	5.682	217732	187.91	67.8	137.08	416508	236.5795 ng/ml
alpha-PHP	4.921	1233079	1293.72	255.0	29414.95	657720	256.7977 ng/ml
alpha-PVP	4.357	4603528	1094.58	53.0	625589.35	657720	255.1181 ng/ml
Alprazolam	5.759	1729241	1012.27	112.0	1183.44	279970	249.8621 ng/ml
Amphetamine	3.037	5657370	41802.48	40.3	2436.34	415628	190.0643 ng/ml
Benzoylcegonine	3.871	94206	399.35	8.4	343.08	12360	251.1934 ng/ml
Buprenorphine	5.701	67342	588.17	15.9	2859.91	119242	24.6941 ng/ml
Bupropion	4.771	4963111	82151.55	60.9	4685.06	624215	256.6783 ng/ml
Carisoprodol	5.721	1333217	313.35	61.5	10814.33	181528	255.3518 ng/ml
Chlordiazepoxide	5.828	584438	4145.92	164.6	7082.55	394715	230.8283 ng/ml
Chlorpheniramine	5.104	7884090	64472.38	0.3	545.91	1316097	253.8242 ng/ml
Citalopram	5.218	3356933	1092.39	36.6	492.45	489870	252.7576 ng/ml
Clonazepam	5.601	1527100	78554.23	33.7	4369.18	99843	236.7894 ng/ml
Clonazolam	5.552	1189855	2531.29	39.0	672235.19	99843	238.1120 ng/ml
Cocaine	4.257	2519511	119877.82	59.1	53907.54	860293	251.3952 ng/ml
Codeine	2.573	266612	368.02	101.8	6130.69	68448	230.2650 ng/ml
Cyclobenzaprine	5.618	3727037	90228.68	6.9	232.61	533953	260.9232 ng/ml
Dextromethorphan	5.262	1834804	116158.95	77.1	558.35	324406	255.9830 ng/ml
Dextrorphan	4.111	1208864	5548.16	221.4	3325.94	505341	252.6831 ng/ml
Diazepam	5.931	1378016	5132.24	89.3	1184.15	250234	252.7823 ng/ml
Dihydrocodeine	2.545	835684	8802.22	58.9	2992.90	246676	234.3550 ng/ml
Diphenhydramine	5.290	9636907	1118.49	31.2	959.76	1700069	259.8368 ng/ml
DMT	2.838	474555	17147.69	147.1	52171.73	324406	265.5584 ng/ml
Doxylamine	4.525	9867918	2714.38	96.1	88021.79	1615007	265.5804 ng/ml
Duloxetine	5.644	273638	3380.18	15.1	37163.74	53128	252.0847 ng/ml
EDDP	5.255	4630888	∞	41.2	61698.74	859944	247.4286 ng/ml
Etizolam	5.797	668752	15068.79	26.8	14724.29	99843	256.5277 ng/ml
Fentanyl	5.081	406391	451.93	67.3	349.66	711706	25.0662 ng/ml
Flualprazolam	5.695	620001	7083.04	105.9	10398.21	279970	211.8339 ng/ml
Fluorofentanyl	5.135	1007684	13736.98	39.1	9020.08	7072	25.6106 ng/ml
Fluoxetine	5.711	3187100	646.40	7.4	387.18	361890	257.0332 ng/ml

SC



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	1417207	∞	33.7	327.68	324990	244.5805 ng/ml
Hydromorphone	1.602	1196988	5404477.90	73.6	3117992.57	146801	253.8866 ng/ml
Hydroxyzine	5.687	3593294	420326.38	78.1	22990.87	324406	248.6790 ng/ml
Ketamine	4.030	2488496	1100.47	39.2	17980.26	426789	253.0417 ng/ml
Lamotrigine	4.267	201412	891.67	86.5	24073.19	1132221	243.0583 ng/ml
Lorazepam	5.730	570377	15761.31	48.7	791.73	203331	223.2945 ng/ml
MDA	3.184	3216893	6503.83	35.3	735.62	530012	212.9760 ng/ml
MDMA	3.278	2561288	12510.34	115.2	8823.03	112783	255.3201 ng/ml
Meprobamate	4.895	1403791	1589.35	28.2	145648.30	322864	232.0440 ng/ml
Methadone	5.649	7354196	80661.03	47.7	60770.16	1029620	263.0163 ng/ml
Methamphetamine	3.205	7055010	3045.08	30.4	21495.61	1218568	243.5834 ng/ml
Metoprolol	4.320	741448	78802.96	103.5	3426.20	1306552	245.7199 ng/ml
Mirtazapine	4.600	6495632	171008.09	48.2	110379.15	657720	256.5118 ng/ml
Mitragynine	5.209	1448926	37080.69	36.4	738099.68	1029620	261.6280 ng/ml
Morphine	1.247	184799	3766.54	16.8	434.92	8623	251.4664 ng/ml
Norbuprenorphine	4.990	15679	417.88	102.5	171.97	28279	25.0308 ng/ml
Nordiazepam	5.877	1192021	2727.11	62.2	7726.45	143874	256.7297 ng/ml
Norfentanyl	4.078	603010	11941.77	38.0	3896.28	765411	25.8107 ng/ml
Norhydrocodone	3.060	243723	∞	40.6	116.31	57408	242.9767 ng/ml
Noroxycodone	2.897	1131705	6167.19	45.2	4229.90	152559	246.7215 ng/ml
O-desmethyl-tramadol	3.359	7135667	2312.93	5.7	29351.03	1417147	255.9108 ng/ml
o-desmethylvenlafaxine	4.056	8744771	264783.95	19.0	13906.01	283096	241.5905 ng/ml
Olanzapine	4.393	1659354	40263.36	62.2	5523.67	161161	259.9282 ng/ml
Oxazepam	5.740	1066208	173.97	73.6	180.97	203331	246.4528 ng/ml
Oxycodone	2.815	2836855	1478.69	28.6	2662.00	487407	240.3776 ng/ml
Oxymorphone	1.398	1451033	∞	45.7	∞	190197	253.0156 ng/ml
Phentermine	3.767	1524315	902.50	6.5	2261.84	793276	229.6934 ng/ml
Promethazine	5.535	7290438	8348.22	28.6	1122.07	1137248	259.5554 ng/ml
Pseudoephedrine	2.569	6519696	101537.90	17.3	14149.58	1132221	251.6262 ng/ml
Quetiapine	5.523	3555095	38898.59	60.3	21103.62	257746	241.9590 ng/ml
Sertraline	5.773	1144809	348.24	99.8	510.44	190406	245.4303 ng/ml
Temazepam	5.807	2262117	27682.43	26.2	1540.34	416508	253.8194 ng/ml
Tramadol	4.232	6457459	1839.04	3.5	∞	1306552	261.9445 ng/ml
Trazodone	5.066	4477246	2319.62	71.2	71834.55	659501	253.6875 ng/ml
Venlafaxine	5.036	6907373	3580.40	32.6	932.87	1248074	254.0334 ng/ml
Zolpidem	4.843	7355629	10805.52	26.8	3068.53	1147727	256.5509 ng/ml

SC

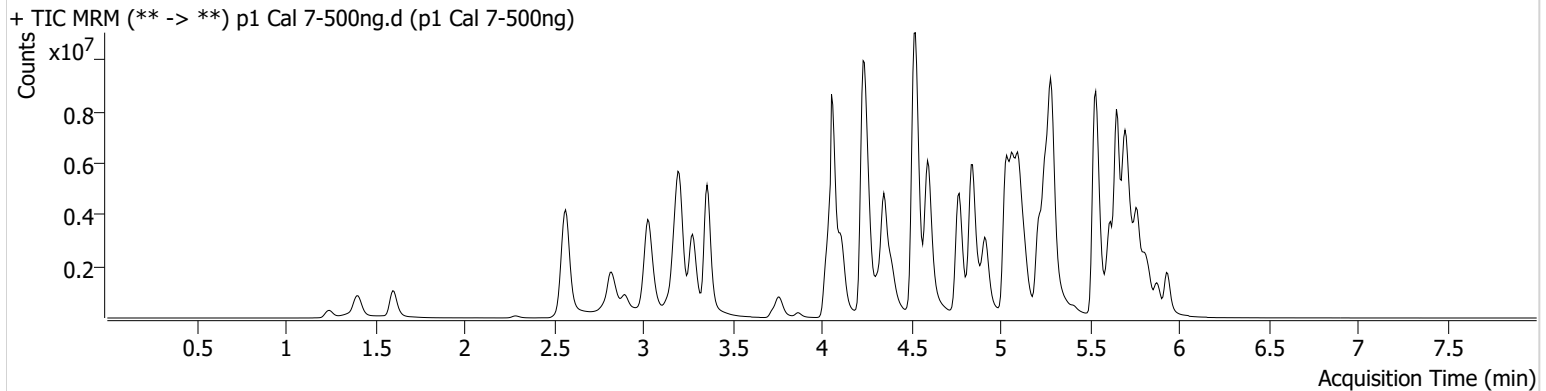


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 7-500ng.d
Type	Cal	Sample	p1 Cal 7-500ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-G1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:48:40 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	143482	105696.10	72.0	6081.88	81487	50.6439 ng/ml
7-aminoclonazepam	4.244	836579	∞	85.9	3224.83	106993	359.3883 ng/ml
a-hydroxyalprazolam	5.675	230920	187.50	66.7	177.58	234459	446.6735 ng/ml
alpha-PHP	4.921	2006950	47576.75	258.6	16799.39	541789	507.2083 ng/ml
alpha-PVP	4.350	7588686	107099.69	53.0	242054.53	541789	510.4270 ng/ml
Alprazolam	5.759	2495208	552.78	113.1	770.62	202307	498.8784 ng/ml
Amphetamine	3.037	8104940	82263.73	39.9	22314.23	364362	311.4909 ng/ml
Benzoylecgonine	3.871	179984	588.99	8.2	663.80	12172	487.6121 ng/ml
Buprenorphine	5.694	94210	101919.81	14.4	13904.69	88213	46.8115 ng/ml
Bupropion	4.771	8357444	3706.74	60.6	26691.60	530688	508.6320 ng/ml
Carisoprodol	5.721	1593335	294.77	61.0	128.30	102278	540.7722 ng/ml
Chlordiazepoxide	5.828	745858	5208.55	172.3	9983.37	263553	442.0767 ng/ml
Chlorpheniramine	5.104	13427079	136467.37	0.3	318.01	1097399	518.1405 ng/ml
Citalopram	5.218	4869631	706.26	36.9	735.21	357574	501.8541 ng/ml
Clonazepam	5.594	1902837	46235.25	33.2	48044.59	69714	423.3362 ng/ml
Clonazolam	5.552	1459577	93627.20	38.0	9118.34	69714	419.0837 ng/ml
Cocaine	4.257	3973492	37886.00	58.5	4532.10	671860	507.7067 ng/ml
Codeine	2.566	384796	113.02	101.6	13982.67	54150	421.1800 ng/ml
Cyclobenzaprine	5.618	5591525	5855.59	6.6	2343.89	402489	518.7903 ng/ml
Dextromethorphan	5.262	2629192	479.06	77.1	1102.82	234882	506.6335 ng/ml
Dextrorphan	4.111	1962498	1786.97	223.8	2475.65	408503	507.2873 ng/ml
Diazepam	5.938	1988681	∞	89.3	18226.81	185108	493.4495 ng/ml
Dihydrocodeine	2.538	1345097	448.33	58.1	9109.37	229292	406.7798 ng/ml
Diphenhydramine	5.290	14685666	685.09	31.3	905.96	1277520	526.5057 ng/ml
DMT	2.838	768703	38331.16	154.4	57611.39	234882	593.5498 ng/ml
Doxylamine	4.525	17188405	299700.59	95.6	522896.39	1432899	521.2861 ng/ml
Duloxetine	5.644	329059	2130.34	14.7	492.34	29943	537.7845 ng/ml
EDDP	5.255	7404816	11123.09	39.8	27782.45	669639	507.7971 ng/ml
Etizolam	5.797	973411	2945.67	26.7	105435.29	69714	534.0478 ng/ml
Fentanyl	5.081	638167	1787.74	70.3	1903.36	543745	51.4785 ng/ml
Flualprazolam	5.695	766708	13553.07	105.8	3814.40	202307	363.4077 ng/ml
Fluorofentanyl	5.135	1706492	948.90	39.2	15340.31	5755	53.2298 ng/ml
Fluoxetine	5.711	4003893	49055.33	7.3	238597.85	219881	530.6022 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	2359694	1345.32	33.6	1924.55	279938	474.0755 ng/ml
Hydromorphone	1.602	2029045	10602339.94	73.8	3912083.44	126171	500.6909 ng/ml
Hydroxyzine	5.687	5639977	39088.62	76.6	32128.33	234882	538.1081 ng/ml
Ketamine	4.030	4027070	75140.31	38.8	17928.81	367950	475.6831 ng/ml
Lamotrigine	4.267	269276	748.65	87.0	49451.44	843082	436.9060 ng/ml
Lorazepam	5.730	580602	23006.14	50.3	910.13	103723	447.1808 ng/ml
MDA	3.178	4155977	1944.24	34.8	1839.72	410302	356.1507 ng/ml
MDMA	3.278	3948528	14682.06	116.0	22411.08	91334	486.0969 ng/ml
Meprobamate	4.888	1876602	157922.83	28.4	34524.04	242290	414.5726 ng/ml
Methadone	5.649	11574414	190420.55	48.3	62948.05	808165	526.9520 ng/ml
Methamphetamine	3.205	11464999	50172.63	29.7	167160.71	1117813	432.3317 ng/ml
Metoprolol	4.320	1127391	1517211.22	103.0	18905.02	1099251	444.5699 ng/ml
Mirtazapine	4.593	10925216	141461.95	47.7	7657.73	541789	523.3417 ng/ml
Mitragynine	5.209	2206973	305996.27	36.3	864779.07	808165	507.7900 ng/ml
Morphine	1.247	305969	∞	17.1	1100.44	7602	472.6379 ng/ml
Norbuprenorphine	4.990	26700	5507.80	104.8	19253.76	25217	48.1422 ng/ml
Nordiazepam	5.877	1541944	13171.43	64.7	833.69	99725	479.3590 ng/ml
Norfentanyl	4.078	921278	38399.86	37.7	15067.85	526592	57.2452 ng/ml
Norhydrocodone	3.054	418799	214.44	40.9	90.40	45130	529.7259 ng/ml
Noroxycodone	2.897	1661794	433.29	45.3	14442.88	111722	495.1944 ng/ml
O-desmethyl-tramadol	3.359	12027341	232480.42	5.6	802.27	1156429	528.1526 ng/ml
o-desmethylvenlafaxine	4.056	14981321	48349.52	17.8	1560.14	221147	529.0413 ng/ml
Olanzapine	4.386	2710045	60701.12	63.1	7631.29	134522	508.5704 ng/ml
Oxazepam	5.740	1076116	93.30	73.2	89.86	103723	488.0199 ng/ml
Oxycodone	2.815	4347913	∞	29.0	3582.57	414527	433.8460 ng/ml
Oxymorphone	1.398	2443844	∞	42.3	2894.46	164657	492.2953 ng/ml
Phentermine	3.767	2372999	1689.90	6.3	203.49	709079	401.0655 ng/ml
Promethazine	5.535	11125875	8438.36	29.0	214386.45	862309	521.8539 ng/ml
Pseudoephedrine	2.569	10107165	103427.70	17.1	71613.03	843082	523.3021 ng/ml
Quetiapine	5.516	5371969	138810.47	60.9	94165.18	223782	421.7491 ng/ml
Sertraline	5.773	1514228	62444.47	96.8	10355.40	120623	512.2398 ng/ml
Temazepam	5.800	2363022	44327.04	26.2	5349.06	234459	471.4537 ng/ml
Tramadol	4.232	10184939	1124.63	3.6	4408.99	1099251	491.4344 ng/ml
Trazodone	5.066	6906091	98356.81	71.8	929.86	533840	484.0231 ng/ml
Venlafaxine	5.036	11373590	63987.63	31.3	1104.17	991369	526.1402 ng/ml
Zolpidem	4.843	12448767	4557.12	26.4	123705.00	1003092	497.1972 ng/ml

SC

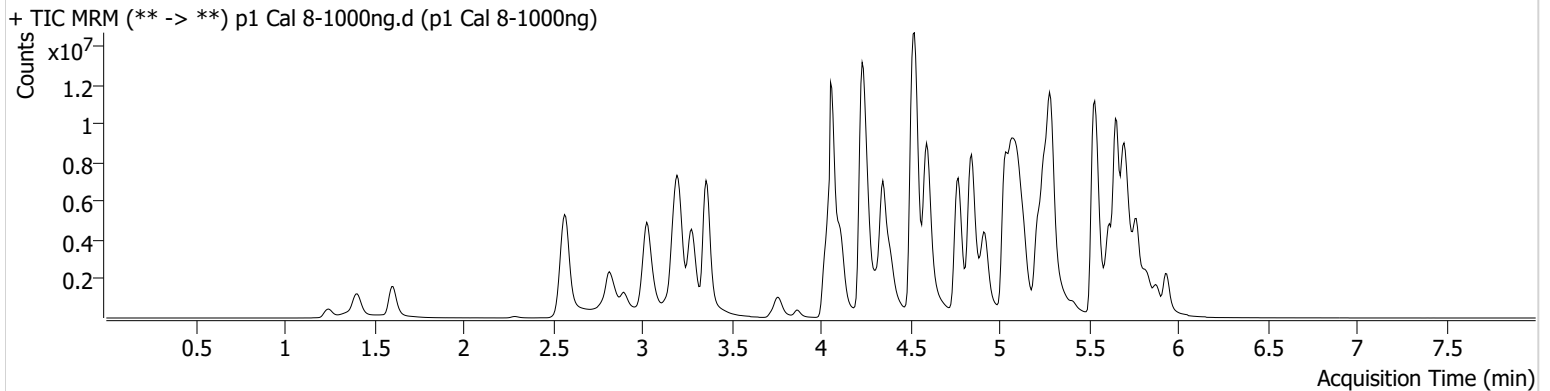


AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\012323 AM 27 28 SC\QuantResults\AM 28.batch.bin
Calibration Last Update 1/24/2023 12:40:30 PM

Instrument	Falco (069901)	Data File	p1 Cal 8-1000ng.d
Type	Cal	Sample	p1 Cal 8-1000ng
Acq. Method	AM 28 MDQ P1.m	Operator	Sarah Collins
Sample Position	P2-H1	Comment	
Injection Volume	2		
Acq. Date-Time	1/23/2023 8:59:16 PM		
Sample Info.			

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.126	253300	584.09	70.2	10292.09	71990	101.2214 ng/ml
7-aminoclonazepam	4.244	755892	6673.73	93.6	∞	71151	488.6721 ng/ml
a-hydroxyalprazolam	5.675	222805	156.32	66.4	155.72	108210	934.9553 ng/ml
alpha-PHP	4.921	3102219	1807.18	264.2	1595.32	420105	1010.9107 ng/ml
alpha-PVP	4.350	11866942	86753.57	52.1	809.46	420105	1029.2747 ng/ml
Alprazolam	5.759	3267752	149.10	112.2	356.47	126493	1044.8497 ng/ml
Amphetamine	3.037	10621357	73790.25	40.0	91169.27	317127	469.7101 ng/ml
Benzoylecgonine	3.871	378658	24179.26	8.2	181.07	12621	989.7181 ng/ml
Buprenorphine	5.700	108928	24938.59	15.2	28174.23	56202	85.0566 ng/ml
Bupropion	4.771	13341536	2477.57	60.4	127589.18	459419	938.1233 ng/ml
Carisoprodol	5.721	1632439	189.74	61.8	145.94	51698	1095.3144 ng/ml
Chlordiazepoxide	5.828	825505	30467.86	196.5 High	24568.32	165129	781.6667 ng/ml
Chlorpheniramine	5.104	20712652	22136.51	0.3	782.73	870265	1007.6346 ng/ml
Citalopram	5.218	6256270	77411.60	36.3	985.37	223689	1030.1800 ng/ml
Clonazepam	5.594	2029509	16442.34	32.9	38071.88	44043	715.3619 ng/ml
Clonazolam	5.558	1569766	34867.88	39.2	321153.16	44043	714.1319 ng/ml
Cocaine	4.257	5964613	150226.59	57.6	65787.37	495389	1033.6444 ng/ml
Codeine	2.573	538840	89.54	99.0	158.52	43618	733.1798 ng/ml
Cyclobenzaprine	5.618	7836331	7494.75	6.4	410.10	273252	1070.3790 ng/ml
Dextromethorphan	5.262	3343070	28161.94	78.1	256.84	152464	992.4454 ng/ml
Dextrorphan	4.111	3048737	11986.48	229.1	7829.12	306831	1049.0269 ng/ml
Diazepam	5.938	2877446	364.92	88.5	285.36	138602	953.8322 ng/ml
Dihydrocodeine	2.538	2092704	32676.16	58.1	20657.31	210028	691.8426 ng/ml
Diphenhydramine	5.290	20508637	324.82	33.1	390.71	911820	1029.7629 ng/ml
DMT	2.838	1195189	29426.91	158.5	1215.75	152464	1421.0974 ng/ml
Doxylamine	4.525	25674512	306250.01	96.9	13825.23	1248780	893.3751 ng/ml
Duloxetine	5.637	303927	5406.40	15.7	96288.59	15245	975.4906 ng/ml
EDDP	5.255	11815809	868.54	39.8	683.37	512145	1059.1771 ng/ml
Etizolam	5.797	1310686	484.19	28.0	7306.38	44043	1137.4640 ng/ml
Fentanyl	5.081	915867	30507.22	70.8	735219.34	387802	103.5475 ng/ml
Flualprazolam	5.695	841003	19639.28	105.7	17450.14	126493	638.4812 ng/ml
Fluorofentanyl	5.135	2930655	36829.60	39.7	28923.67	3850	136.5525 ng/ml
Fluoxetine	5.711	4814535	521.25	7.4	373.56	126420	1108.8509 ng/ml

SC

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Hydrocodone	3.006	3860916	233.86	34.6	829.77	246595	881.7591 ng/ml
Hydromorphone	1.609	3411439	7819777.94	74.5	12231087.84	106311	999.0314 ng/ml
Hydroxyzine	5.687	7837226	447016.35	78.4	19397.20	152464	1151.0021 ng/ml
Ketamine	4.030	6106283	283944.17	38.2	18879.74	315350	842.2156 ng/ml
Lamotrigine	4.274	324439	1599.30	87.0	19776.91	587652	755.6817 ng/ml
Lorazepam	5.737	614417	14465.45	48.7	2125.42	46371	1060.7211 ng/ml
MDA	3.171	5340649	61773.89	33.5	1597.11	290965	646.2642 ng/ml
MDMA	3.278	6042537	103069.14	116.0	19570.85	71431	951.2048 ng/ml
Meprobamate	4.888	2312827	37267.23	27.8	7152.40	161553	767.6114 ng/ml
Methadone	5.656	16068334	5897.02	51.6	1068.19	589586	1002.3730 ng/ml
Methamphetamine	3.205	16248966	108939.75	29.4	62727.04	1067482	642.1263 ng/ml
Metoprolol	4.313	1480861	402512.87	101.7	43379.84	914714	702.1135 ng/ml
Mirtazapine	4.593	17307781	196131.50	47.8	29310.48	420105	1068.8142 ng/ml
Mitragynine	5.212	3217057	135008.28	36.9	928819.89	589586	1014.6990 ng/ml
Morphine	1.247	512115	∞	17.1	∞	6574	915.0695 ng/ml
Norbuprenorphine	4.990	48862	2625.79	100.3	2862.23	21927	101.7323 ng/ml
Nordiazepam	5.884	1943026	∞	61.5	249681.76	65692	917.2423 ng/ml
Norfentanyl	4.078	1256763	19715.38	37.4	15697.32	303572	135.3806 ng/ml
Norhydrocodone	3.054	723641	207.55	40.9	140.39	36596	1127.4539 ng/ml
Noroxycodone	2.897	2345655	6880.45	44.6	11255.56	77532	1007.7156 ng/ml
O-desmethyl-tramadol	3.359	19034497	∞	5.8	714.69	937569	1030.5804 ng/ml
o-desmethylvenlafaxine	4.056	22786555	263885.97	17.8	14692.93	161437	1101.5725 ng/ml
Olanzapine	4.386	4294372	4079.30	63.7	371.69	118727	913.0882 ng/ml
Oxazepam	5.740	940322	78.45	73.0	82.00	46371	954.2557 ng/ml
Oxycodone	2.808	6579598	1590.75	28.6	∞	369879	736.3483 ng/ml
Oxymorphone	1.405	3895096	∞	44.0	∞	135874	950.9224 ng/ml
Phentermine	3.767	3529472	∞	6.2	1748.34	639839	661.9742 ng/ml
Promethazine	5.535	16372392	119262.27	29.3	222970.62	630299	1050.0675 ng/ml
Pseudoephedrine	2.576	14697544	103175.45	16.8	22424.46	587652	1091.1701 ng/ml
Quetiapine	5.516	7484113	135103.05	61.6	219563.46	190128	692.1359 ng/ml
Sertraline	5.773	1873641	200.76	90.3	28804.52	69175	1105.0135 ng/ml
Temazepam	5.807	2033796	∞	27.5	11699.87	108210	879.6219 ng/ml
Tramadol	4.232	14681697	∞	3.7	130.83	914714	851.6365 ng/ml
Trazodone	5.066	9602448	108747.99	75.4	111229.28	406364	884.6705 ng/ml
Venlafaxine	5.036	17141119	3677.85	32.0	51101.41	748103	1050.3667 ng/ml
Zolpidem	4.843	19294743	3469.88	27.7	180456.33	868315	890.5744 ng/ml