

Worklist: 6981

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2024-4170	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4256	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4396	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4406	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-4657	4	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3293	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3299	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3301	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3304	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3305	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3308	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3317	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3321	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3323	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3346	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3372	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3391	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3395	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3396	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-3459	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 11/25/2024

Panel 1 Plate lot#: 240528

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

Blank Blood Lot: Lampire 24C52816

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

Analyst: Tamara Salazar

Panel 1 Plate Retest Date: 03/12/2025

Mobile phase B: 0.01% Formic Acid in MeOH

Blank Urine Lot:

LCMS-QQQ ID: 069901

Pre-Analytic:

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

Analytic:

- ☒ 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- ☐ 2. **Urine Hydrolysis: In blank well, add 250µL urine, 40µL BG Turbo, and 100µL Instant Buffer I. Place on plate shaker for 5 minutes.**
- ☒ 3. Using a calibrated pipette, pipette 250µL blood or 250µL hydrolyzed urine in wells of analytical (standards) plate. Pipette ID: 42
- ☒ 4. Pipette **250µL 0.5M ammonium hydroxide** in wells of analytical plate.
- ☒ 5. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- ☒ 6. Transfer **200-450µL of blood+base/urine+base** mixture to corresponding wells of SLE+ plate. *Transferred: 250uL*
- ☒ 7. Apply positive pressure for approx. 10-15 seconds (or until no liquid remains on top of sorbent). **(Load at 85-100 PSI- Selector to the right)**
- ☒ 8. Wait 5 minutes.
- ☒ 9. Add **900uL ethyl acetate.**
- ☒ 10. Wait 5 minutes.
- ☒ 11. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 12. Add **900uL ethyl acetate.**
- ☒ 13. Wait 5 minutes.
- ☒ 14. Apply positive pressure for approx. 15 seconds. **(10-15 PSI- Selector to the left).**
- ☒ 15. Remove plate containing eluate. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 16. Add 50µL 1% HCl in MeOH to wells and place plate cover on plate before drying. This step is required for urine samples, but optional for blood samples.
- ☒ 17. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- ☒ 18. Reconstitute in 100µL 20% LC MeOH and heat seal plate with foil. Place in autosampler and run worklist.

Post-Analytic

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

COMMENTS:

Compounds included in the central file:

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

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

Bromazolam

Buprenorphine 2.5-100 -- calibrators 1 and 2 dropped due to ratio

Citalopram

Clonazepam 5-500 -- calibrator 8 dropped due to accuracy
Cyclobenzaprine
Dihydrocodeine 5-500 -- calibrator 8 dropped due to accuracy
Diphenhydramine
EDDP
Fentanyl
Fluoxetine
Hydrocodone
Hydromorphone
Ketamine 5-500 -- calibrator 8 dropped due to accuracy
Lorazepam
Methadone
Methamphetamine 5-500 -- calibrator 8 dropped due to accuracy
Metoprolol 5-500 -- calibrator 8 dropped due to accuracy
Mitragynine
Morphine
Norbuprenorphine 1-100 -- calibrator 1 dropped due to poor chromatography
Norfentanyl 0.5 --50 -- calibrator 8 dropped due to accuracy
Norhydrocodone 5-500 --calibrator 8 dropped due to accuracy
O-desmethyl-tramadol
O-desmethylvenlafaxine
Quetiapine 5-500 -- calibrator 8 dropped due to accuracy
Tramadol
Trazodone
Venlafaxine
Zolpidem

	1	2	3	4	5	6	7	8	9	10	11	12
A	IS + Cal. 1	IS + QC_1	M2024-4396-3	P2024-3308-1	P2024-3396-1							IS + Cal. 8
B	IS + Cal. 2	IS + QC_2	M2024-4406-3	P2024-3317-1	P2024-3459-1							IS + Cal. 7
C	IS + Cal. 3	IS + QC_3	M2024-4657-4	P2024-3321-1								IS + Cal. 6
D	IS + Cal. 4	IS + QC_4	P2024-3293-3	P2024-3323-1								IS + Cal. 5
E	IS + Cal. 5	IS + QC_2	P2024-3299-2	P2024-3346-2							IS + QC_4	IS + Cal. 4
F	IS + Cal. 6	Neg Blood	P2024-3301-1	P2024-3372-1							IS + QC_3	IS + Cal. 3
G	IS + Cal. 7	M2024-4170-1	P2024-3304-1	P2024-3391-2							IS + QC_2	IS + Cal. 2
H	IS + Cal. 8	M2024-4256-3	P2024-3305-1	P2024-3395-1							IS + QC_1	IS + Cal. 1

All wells to contain 60 µl of Trapping Solution



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 11/26/2024 3:23:22 PM

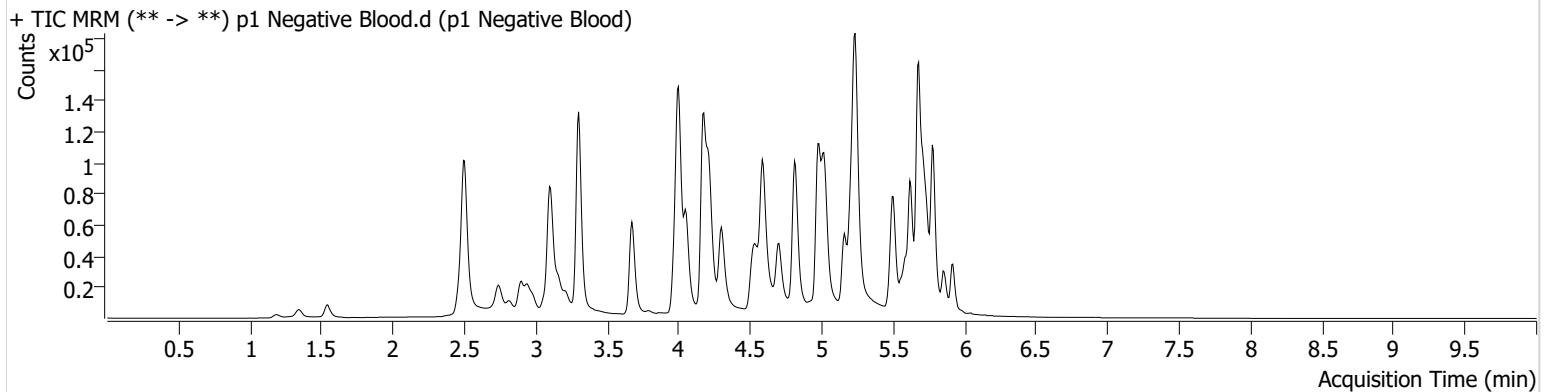
Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P4-F2
Injection Volume 2
Acq. Date-Time 11/25/2024 11:54:26 PM
Sample Info.

Data File
Sample
Operator
Comment

p1 Negative Blood.d
p1 Negative Blood
Tamara Salazar

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram





AM #28 Multi-Drug Quant. Results

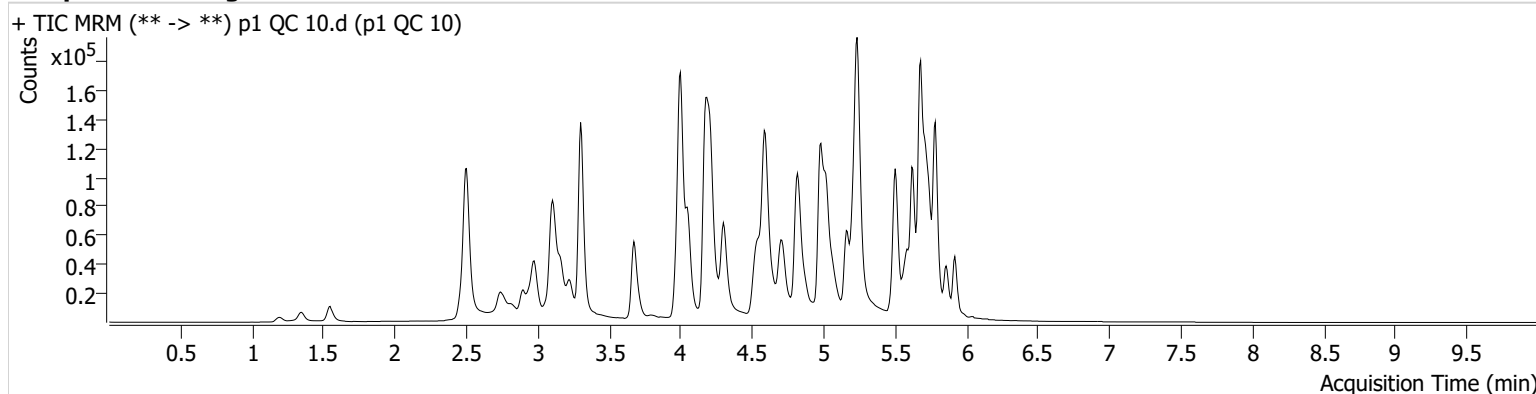
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Calibration Last Update 11/26/2024 3:23:22 PM

Instrument Falco (069901)
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Acq. Method AM 28 MDQ P1.m
Sample Position P4-A2
Injection Volume 2
Acq. Date-Time 11/25/2024 10:50:37 PM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	7908	523.69	80.0	43.84	31814	10.4262 ng/ml
Amphetamine	2.979	59116	154.66	47.3	2656.51	60175	10.1266 ng/ml
Bromazolam	5.781	13452	13475.45	129.1	18463.27	35299	9.6587 ng/ml
Buprenorphine	5.732	597	560.33	14.1	101.83	25540	0.9130 ng/ml
Citalopram	5.160	25409	366.02	36.9	574.44	118396	9.6501 ng/ml
Clonazepam	5.571	21126	145.34	35.4	436.56	27171	9.8847 ng/ml
Cyclobenzaprine	5.594	16198	711.00	7.9	1185.52	56625	9.7137 ng/ml
Dihydrocodeine	2.500	7476	261.99	55.9	1360.45	40284	9.2458 ng/ml
Diphenhydramine	5.245	61596	1085.26	32.2	122.04	374187	9.3192 ng/ml
EDDP	5.210	21981	390.62	42.5	341.95	105930	9.8021 ng/ml
Fentanyl	5.043	1923	511577.99	67.4	602.79	106141	0.9289 ng/ml
Fluoxetine	5.681	14751	555.51	6.9	168.56	49510	10.0399 ng/ml
Hydrocodone	2.975	10064	45.79	33.3	29.39	49791	9.5134 ng/ml
Hydromorphone	1.555	6993	715.82	78.1	20552.66	22457	9.4360 ng/ml
Ketamine	3.987	21675	30656.47	36.9	157.52	91339	9.9781 ng/ml
Lorazepam	5.714	15121	290.94	47.7	117.32	103607	10.2940 ng/ml
Methadone	5.626	41750	510.70	48.7	1324.62	155069	9.4416 ng/ml
Methamphetamine	3.168	71201	919.67	36.1	427.39	159412	8.9825 ng/ml
Metoprolol	4.265	5639	5464.16	114.9	429.06	281554	9.2954 ng/ml
Mitragynine	5.172	7511	3074.02	39.4	222.53	155069	9.2864 ng/ml
Morphine	1.200	1521	229.59	53.1	657.06	2092	9.4863 ng/ml
Norbuprenorphine	4.918	105	91.10	80.7	96.74	5038	0.9877 ng/ml
Norfentanyl	4.022	5131	45.79	39.3	74.94	205876	0.9937 ng/ml
Norhydrocodone	3.003	1541	317.86	37.6	107.44	12446	9.3760 ng/ml
O-desmethyl-tramadol	3.308	51971	712.66	5.8	208.81	305987	9.5861 ng/ml
o-desmethylvenlafaxine	4.000	12666	422.13	286.1	353.40	55835	9.8454 ng/ml
Quetiapine	5.500	32888	5268.18	53.7	10403.99	47226	9.9453 ng/ml
Tramadol	4.184	58584	545.69	3.1	126.04	281554	9.9127 ng/ml
Trazodone	5.062	35860	6577.94	57.0	367.67	118212	9.8915 ng/ml
Venlafaxine	4.983	50992	322.26	31.7	273.61	256503	9.5490 ng/ml
Zolpidem	4.832	47777	9258.60	29.7	382.47	200514	10.0383 ng/ml



AM #28 Multi-Drug Quant. Results

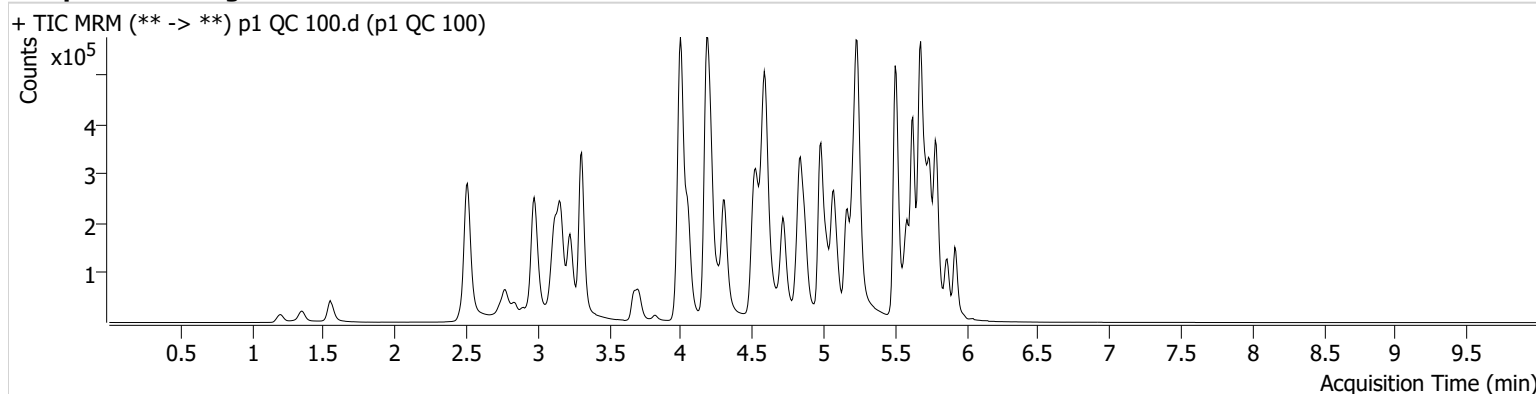
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Calibration Last Update 11/26/2024 3:23:22 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P4-B2
Injection Volume 2
Acq. Date-Time 11/26/2024 7:21:09 AM
Sample Info.

Data File p1 QC 100.d
Sample p1 QC 100
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	50186	3832.23	77.1	34151.20	23998	100.3768 ng/ml
Amphetamine	2.979	526879	20544.90	45.1	418.89	60292	104.9280 ng/ml
Bromazolam	5.781	113036	138885.06	130.6	179367.20	29606	103.8360 ng/ml
Buprenorphine	5.739	7248	5389.30	15.9	1264.52	29506	9.9351 ng/ml
Citalopram	5.160	275650	10398.36	38.3	342.97	126926	97.8586 ng/ml
Clonazepam	5.571	171310	7963.51	35.7	6031.71	22071	105.3742 ng/ml
Cyclobenzaprine	5.594	208083	1041.31	7.6	21954.75	71660	96.6863 ng/ml
Dihydrocodeine	2.494	76122	1079.99	58.1	312.75	40043	108.8355 ng/ml
Diphenhydramine	5.238	668302	402994.49	33.0	751.84	398761	93.5009 ng/ml
EDDP	5.210	227986	294.35	41.8	396.13	105408	101.0714 ng/ml
Fentanyl	5.043	23249	651.99	70.4	11805.56	131382	9.1634 ng/ml
Fluoxetine	5.681	187343	11431.60	7.7	18404.98	62244	102.4790 ng/ml
Hydrocodone	2.968	101627	559.64	35.5	127.06	49509	103.3102 ng/ml
Hydromorphone	1.555	74373	1466.20	75.0	136630.60	22283	102.5686 ng/ml
Ketamine	3.987	214939	4552.36	37.1	436.29	90221	107.3997 ng/ml
Lorazepam	5.714	82881	6844.40	52.0	509.81	70140	93.6637 ng/ml
Methadone	5.626	471632	80231.53	49.7	200557.17	173340	96.2100 ng/ml
Methamphetamine	3.161	483529	10258.23	35.6	11728.87	166031	105.5038 ng/ml
Metoprolol	4.265	60055	16843.92	109.8	102772.17	284636	102.9880 ng/ml
Mitragynine	5.172	88453	34430.89	39.7	39555.73	173340	98.6652 ng/ml
Morphine	1.200	15746	602.09	55.2	263.36	2058	102.8562 ng/ml
Norbuprenorphine	4.932	1172	706.74	99.2	271.92	5353	10.1788 ng/ml
Norfentanyl	4.022	49442	888.64	37.8	461.01	189879	9.8894 ng/ml
Norhydrocodone	3.003	18605	355.58	41.3	101.21	12656	103.9951 ng/ml
O-desmethyl-tramadol	3.308	570835	102573.97	6.0	1007.97	314972	100.9193 ng/ml
o-desmethylvenlafaxine	4.000	127237	8182.94	282.6	328.06	54693	98.2819 ng/ml
Quetiapine	5.500	354545	145600.57	58.2	786.24	52659	102.8583 ng/ml
Tramadol	4.184	585980	516.37	3.4	806.73	284636	104.5873 ng/ml
Trazodone	5.069	407949	310.62	64.8	459.22	137637	102.8137 ng/ml
Venlafaxine	4.983	545181	253988.58	31.8	∞	271042	96.5759 ng/ml
Zolpidem	4.839	511358	13346.31	29.2	97477.62	216912	103.8128 ng/ml



AM #28 Multi-Drug Quant. Results

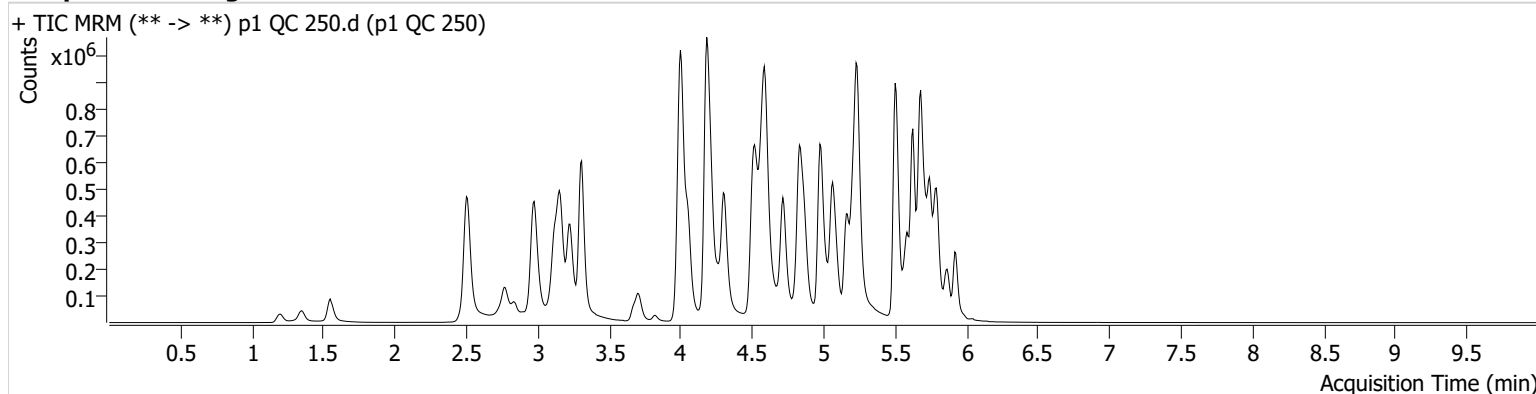
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Calibration Last Update 11/26/2024 3:23:22 PM

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Sample Position P4-C2
Injection Volume 2
Acq. Date-Time 11/25/2024 11:11:52 PM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	67814	2424.90	80.5	677.03	15013	218.7942 ng/ml
Amphetamine	2.979	985750	53164.52	45.7	535.59	54140	220.6561 ng/ml
Bromazolam	5.781	195880	85867.80	134.9	232891.16	21640	247.2497 ng/ml
Buprenorphine	5.732	14686	15584.62	16.7	1629.88	23914	24.8906 ng/ml
Citalopram	5.160	581197	1783.78	37.2	791.23	105121	249.1638 ng/ml
Clonazepam	5.571	304868	47854.74	35.0	271.47	17555	236.6878 ng/ml
Cyclobenzaprine	5.594	389185	672.55	7.6	3553.41	52293	247.4809 ng/ml
Dihydrocodeine	2.494	150898	1218.37	62.3	814.62	37590	231.5294 ng/ml
Diphenhydramine	5.238	1412944	2952.22	33.1	7634.43	337183	233.5588 ng/ml
EDDP	5.210	446865	361.03	41.8	7313.07	82517	252.8846 ng/ml
Fentanyl	5.036	47663	197.47	70.6	25846.02	105491	23.4127 ng/ml
Fluoxetine	5.681	294460	47771.07	7.6	188.97	38675	259.4108 ng/ml
Hydrocodone	2.962	225371	∞	36.3	117.87	44997	253.1289 ng/ml
Hydromorphone	1.548	162024	3689.39	75.6	583940.53	19427	256.5250 ng/ml
Ketamine	3.987	456161	682.50	36.6	2996.68	84453	244.5153 ng/ml
Lorazepam	5.714	113026	16045.34	53.7	626.39	42316	213.5483 ng/ml
Methadone	5.626	961363	52363.84	49.7	17040.43	143201	237.5156 ng/ml
Methamphetamine	3.161	1026880	1096.38	35.5	25496.39	155631	249.7929 ng/ml
Metoprolol	4.265	127834	594340.65	109.8	114253.16	249419	250.9326 ng/ml
Mitragynine	5.172	177214	164607.38	39.4	4102.28	143201	239.4019 ng/ml
Morphine	1.200	31714	1049.60	56.9	1050.54	1784	239.3794 ng/ml
Norbuprenorphine	4.932	2442	131.35	99.1	65.45	4539	24.9709 ng/ml
Norfentanyl	4.022	96712	1243.82	37.8	715.03	142755	25.6467 ng/ml
Norhydrocodone	3.003	43364	331.35	41.6	92.33	11337	269.4852 ng/ml
O-desmethyl-tramadol	3.308	1269166	72620.86	6.1	9258.02	279946	252.2409 ng/ml
o-desmethylvenlafaxine	4.000	263579	24748.57	277.3	172.87	45398	244.8490 ng/ml
Quetiapine	5.500	723814	665473.46	59.3	72004.87	45423	244.4961 ng/ml
Tramadol	4.184	1263285	292.70	3.4	1700.90	249419	258.3797 ng/ml
Trazodone	5.062	835208	364348.82	66.8	331719.28	114347	254.3959 ng/ml
Venlafaxine	4.976	1247703	22572.80	31.1	1964.98	243189	246.3315 ng/ml
Zolpidem	4.832	1175499	269477.13	29.7	48314.39	199499	260.2299 ng/ml



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 11/26/2024 3:23:22 PM

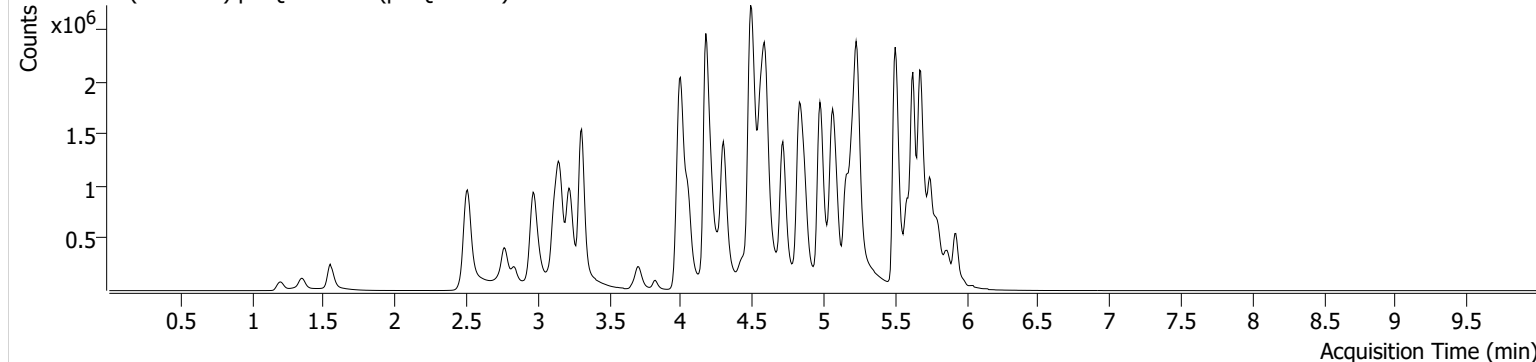
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Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P4-D2
Injection Volume 2
Acq. Date-Time 11/25/2024 11:33:08 PM
Sample Info.

Data File p1 QC 1000.d
Sample p1 QC 1000
Operator Tamara Salazar
Comment

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Sample Chromatogram

+ TIC MRM (** -> **) p1 QC 1000.d (p1 QC 1000)



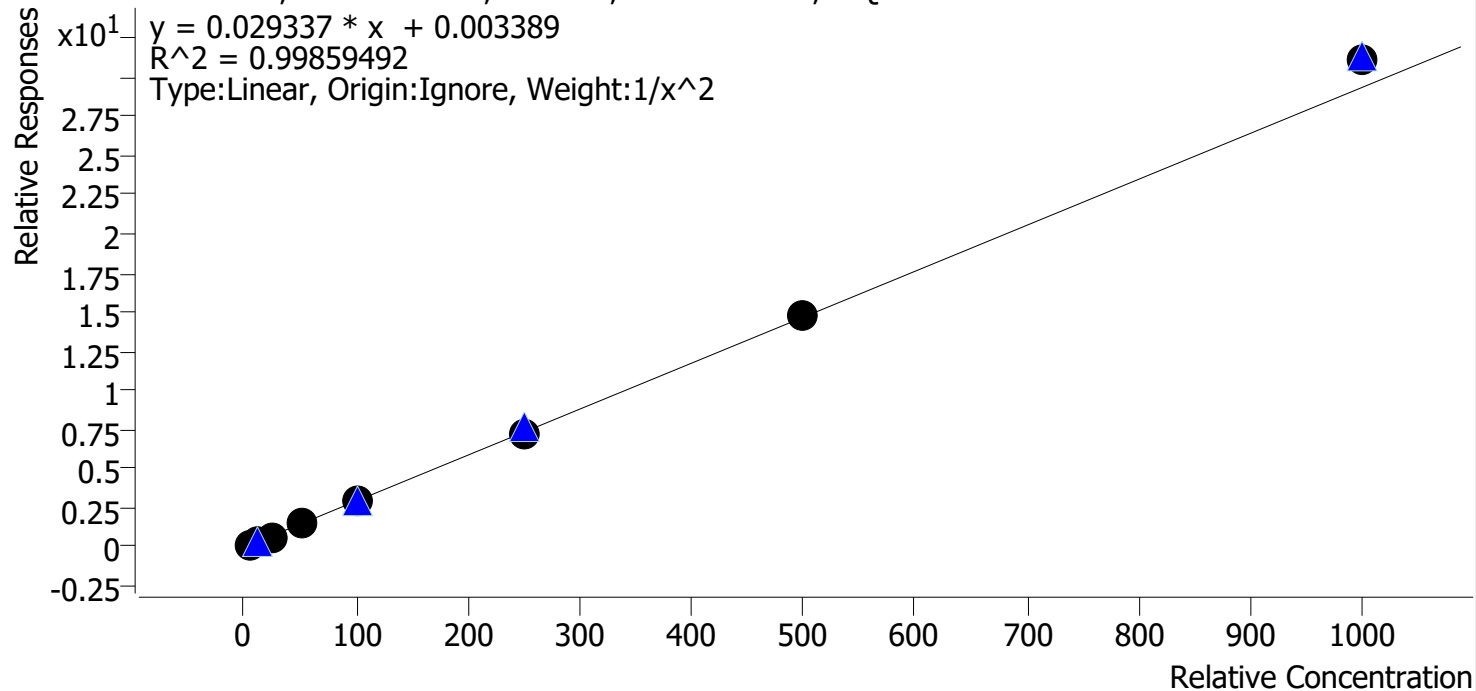
Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	85942	8138.52	83.1	1131.29	4479	935.0021 ng/ml
Amphetamine	2.979	2101363	53394.15	46.4	204386.61	48873	523.6349 ng/ml
Bromazolam	5.781	356617	180153.60	133.4	18885.14	11152	875.4067 ng/ml
Buprenorphine	5.732	51521	33141.34	15.4	10698.35	20454	102.2004 ng/ml
Citalopram	5.154	1606794	∞	38.0	∞	72766	995.2022 ng/ml
Clonazepam	5.564	468544	853.26	36.3	8314.43	8654	739.4516 ng/ml
Cyclobenzaprine	5.594	1415099	56756.42	7.5	95526.58	46339	1014.8267 ng/ml
Dihydrocodeine	2.487	419699	25353.53	60.4	105824.76	31704	767.0189 ng/ml
Diphenhydramine	5.238	4228580	190288.33	34.1	7841.07	251562	936.4341 ng/ml
EDDP	5.203	1535808	14112.38	42.8	387.41	71451	1003.3875 ng/ml
Fentanyl	5.036	202944	81765.10	71.8	9110.27	115530	91.0568 ng/ml
Fluoxetine	5.688	939988	95025.39	7.6	15948.39	30026	1066.9864 ng/ml
Hydrocodone	2.962	728924	127.75	38.7	467.05	40702	906.9921 ng/ml
Hydromorphone	1.548	540452	2835412.32	74.9	1102173.12	16392	1014.5090 ng/ml
Ketamine	3.980	1121108	834.13	35.9	19720.89	65004	782.4949 ng/ml
Lorazepam	5.714	164078	46315.98	52.4	17879.97	13025	1012.5481 ng/ml
Methadone	5.626	3371865	1048.84	49.3	83882.77	122043	977.7480 ng/ml
Methamphetamine	3.154	3001511	58945.10	35.7	60369.76	148899	780.6123 ng/ml
Metoprolol	4.265	315320	3784.97	108.2	95639.47	198019	780.7435 ng/ml
Mitragynine	5.172	591953	331728.33	37.1	161.03	122043	938.5654 ng/ml
Morphine	1.200	95376	3650.58	57.0	2041.27	1434	896.5683 ng/ml
Norbuprenorphine	4.932	9883	111.03	89.7	8444.31	4365	105.0187 ng/ml
Norfentanyl	4.022	184110	5635.83	38.8	2401.32	53922	129.0478 ng/ml
Norhydrocodone	3.003	139303	∞	43.7	49.02	8009	1223.0888 ng/ml
O-desmethyl-tramadol	3.308	4172388	1107.49	6.4	29298.38	223695	1037.3251 ng/ml
o-desmethylvenlafaxine	3.993	586280	16469.74	275.6	178.63	24530	1007.0516 ng/ml
Quetiapine	5.500	1982073	162986.24	60.1	653759.37	43177	705.8128 ng/ml
Tramadol	4.177	3504126	402.08	3.4	290.86	198019	904.5570 ng/ml
Trazodone	5.062	2905495	5947120.96	70.8	1142381.20	114042	889.1049 ng/ml
Venlafaxine	4.976	4008898	82987.60	31.7	31504.88	198685	968.7358 ng/ml
Zolpidem	4.832	3725051	665.85	29.0	357626.14	188092	875.8510 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

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



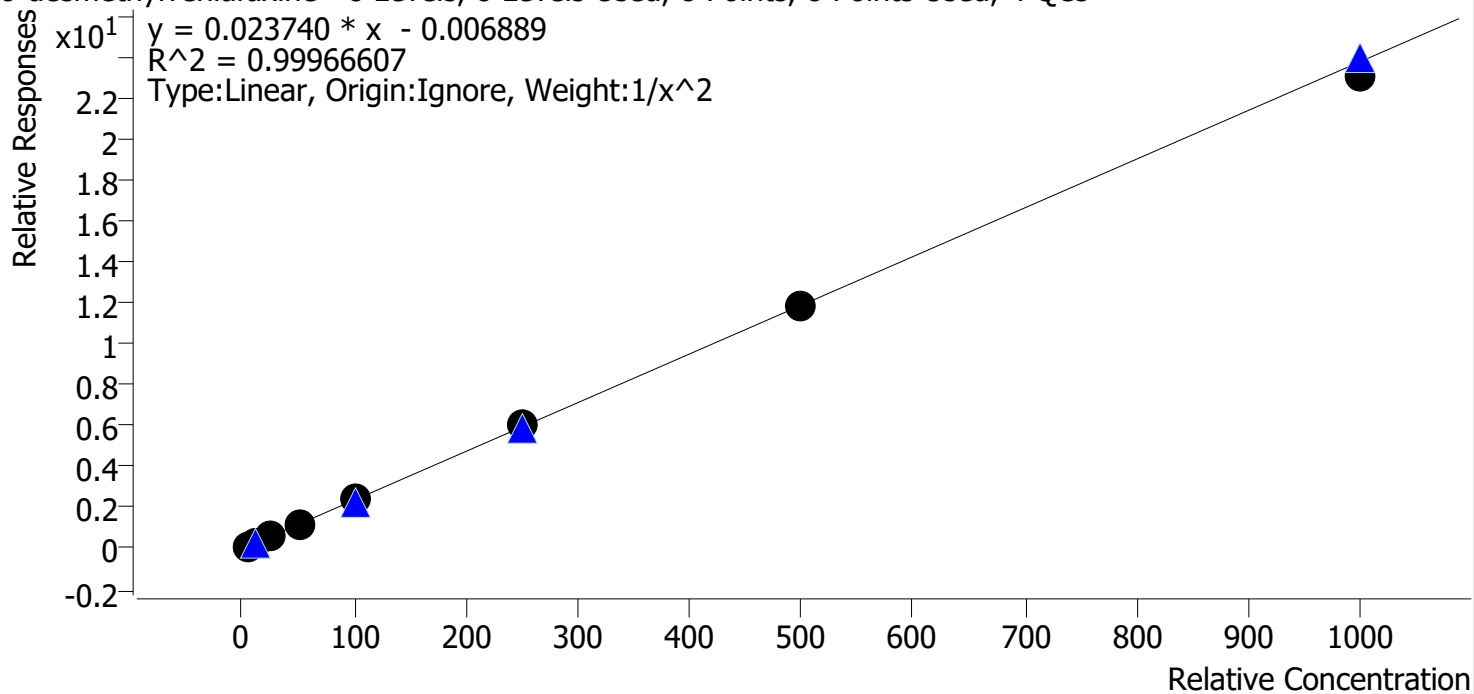
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.4
p1 Cal 4-50ng	4	✓	50.0	49.7	99.5
p1 Cal 5-100ng	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	505.5	101.1
p1 Cal 8-1000ng	8	✓	1000.0	1060.4	106.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

o-desmethylvenlafaxine - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



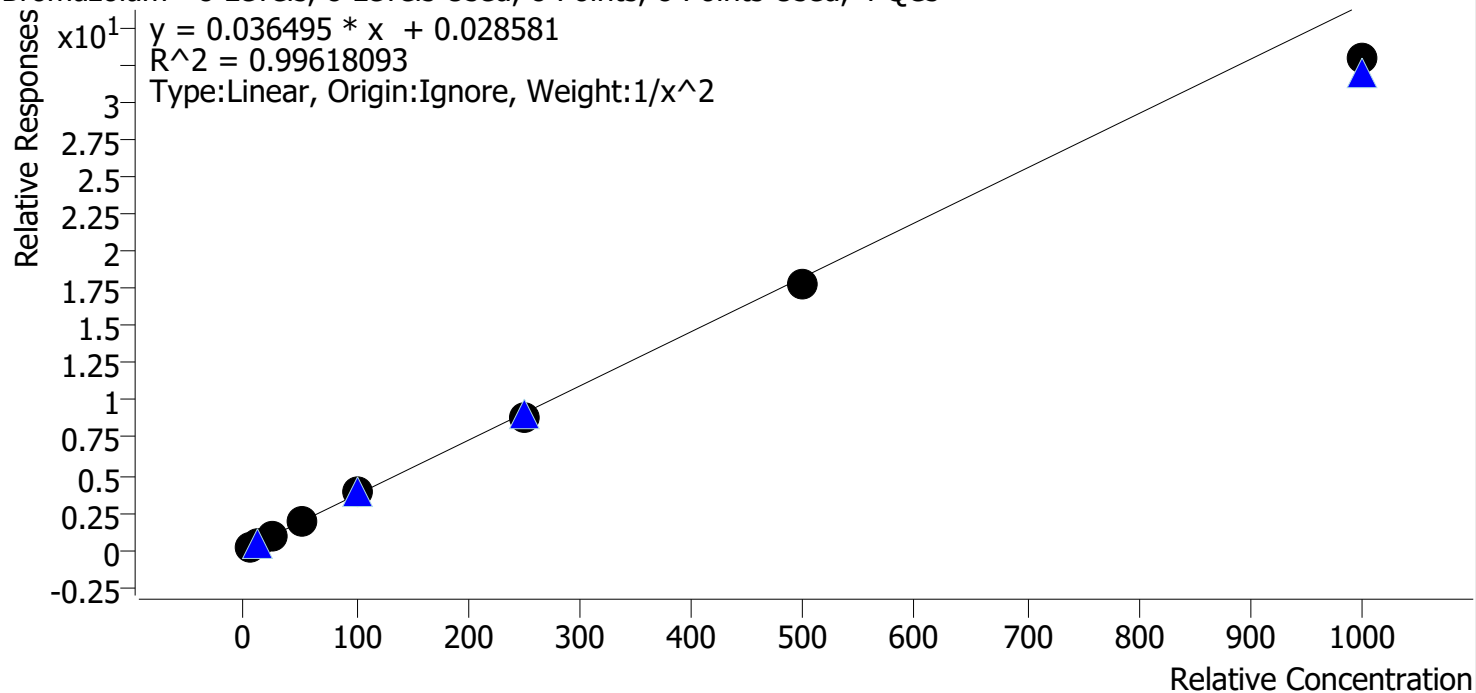
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.2	101.0
p1 Cal 4-50ng	4	✓	50.0	49.8	99.6
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	254.4	101.8
p1 Cal 7-500ng	7	✓	500.0	495.3	99.1
p1 Cal 8-1000ng	8	✓	1000.0	972.6	97.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Bromazolam **Internal Standard** Bromazolam-D5

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



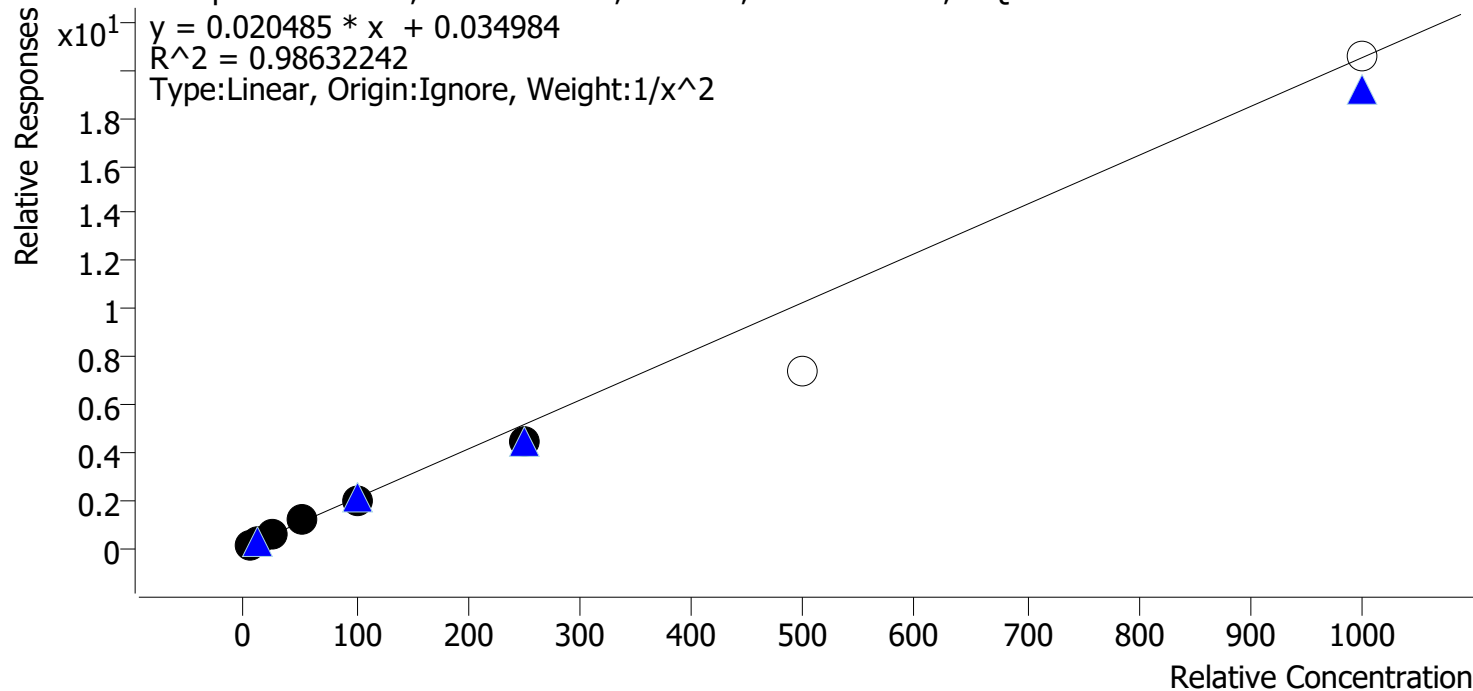
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	97.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.0
p1 Cal 4-50ng	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng	5	✓	100.0	106.2	106.2
p1 Cal 6-250ng	6	✓	250.0	244.7	97.9
p1 Cal 7-500ng	7	✓	500.0	488.4	97.7
p1 Cal 8-1000ng	8	✓	1000.0	901.2	90.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

7-aminoclonazepam - 8 Levels, 6 Levels Used, 8 Points, 6 Points Used, 4 QCs



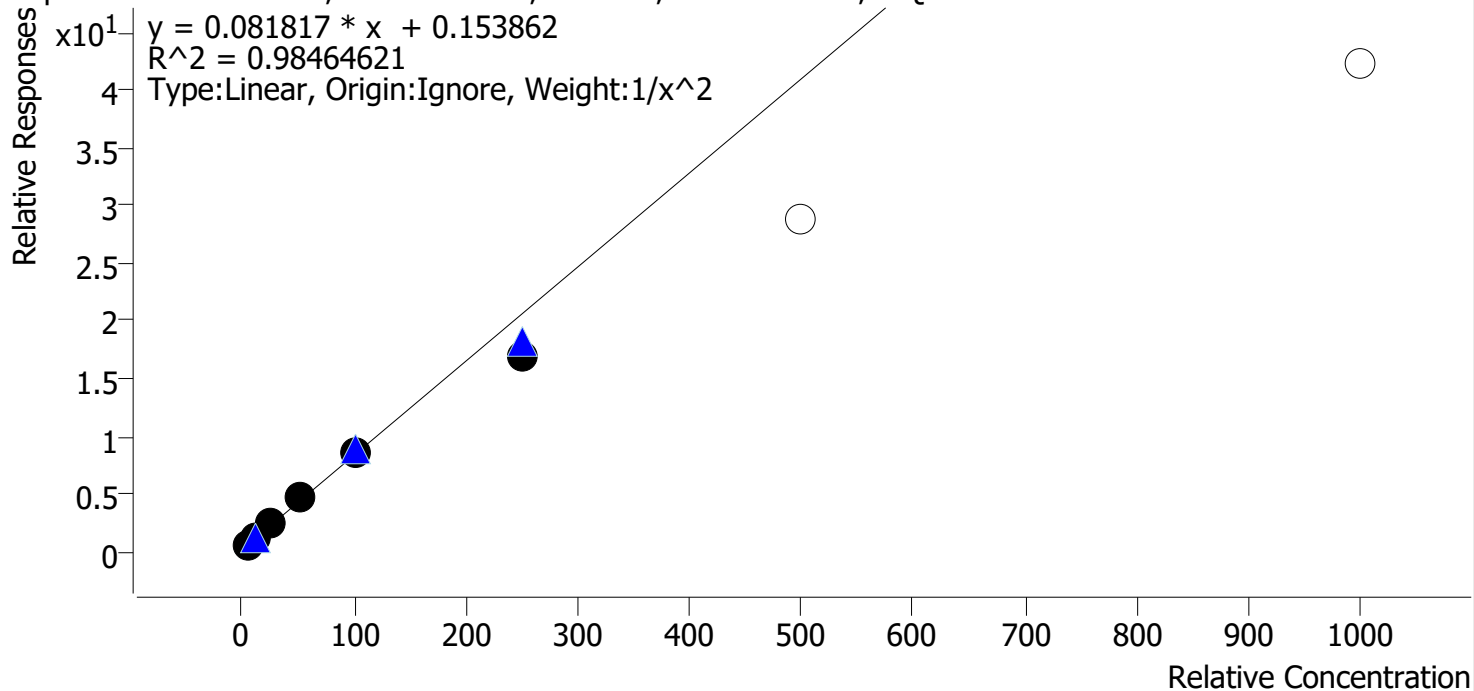
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.1
p1 Cal 2-10ng	2	✓	10.0	10.8	107.9
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng	6	✓	250.0	213.9	85.6
p1 Cal 7-500ng	7	✗	500.0	359.7	71.9
p1 Cal 8-1000ng	8	✗	1000.0	1002.1	100.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11

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



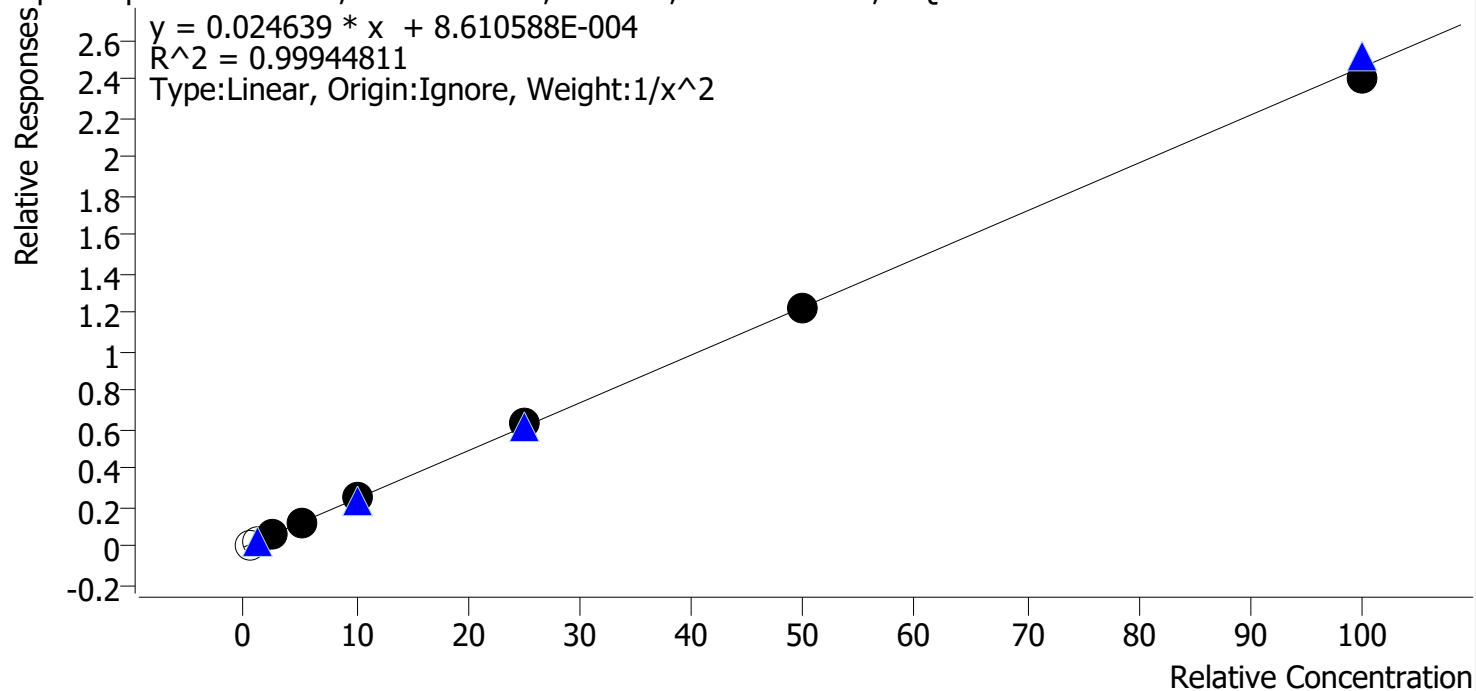
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.4	104.3
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.8
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	205.0	82.0
p1 Cal 7-500ng	7	✗	500.0	351.4	70.3
p1 Cal 8-1000ng	8	✗	1000.0	514.8	51.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



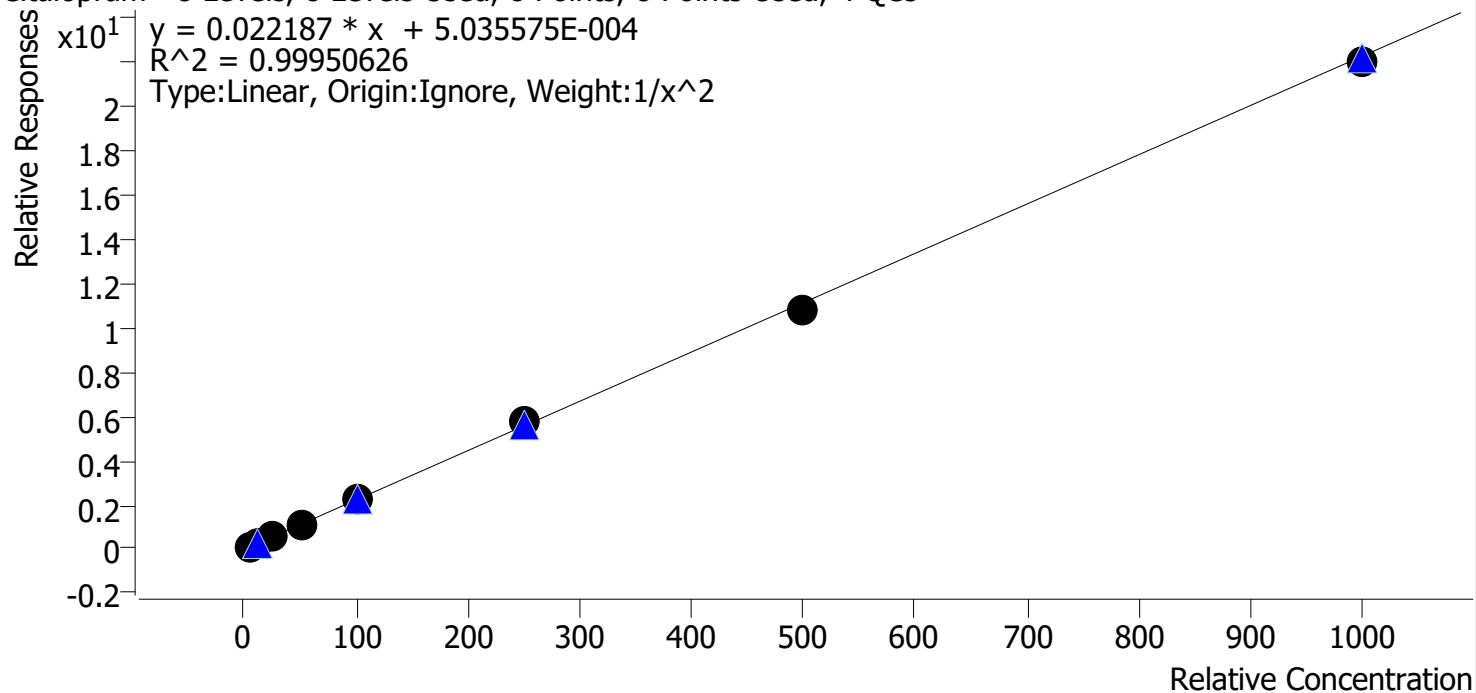
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.4	85.4
p1 Cal 2-10ng	2	x	1.0	0.9	88.0
p1 Cal 3 -25ng	3	✓	2.5	2.5	99.2
p1 Cal 4-50ng	4	✓	5.0	5.1	101.4
p1 Cal 5-100ng	5	✓	10.0	10.0	99.6
p1 Cal 6-250ng	6	✓	25.0	25.8	103.0
p1 Cal 7-500ng	7	✓	50.0	49.5	99.0
p1 Cal 8-1000ng	8	✓	100.0	97.8	97.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6

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



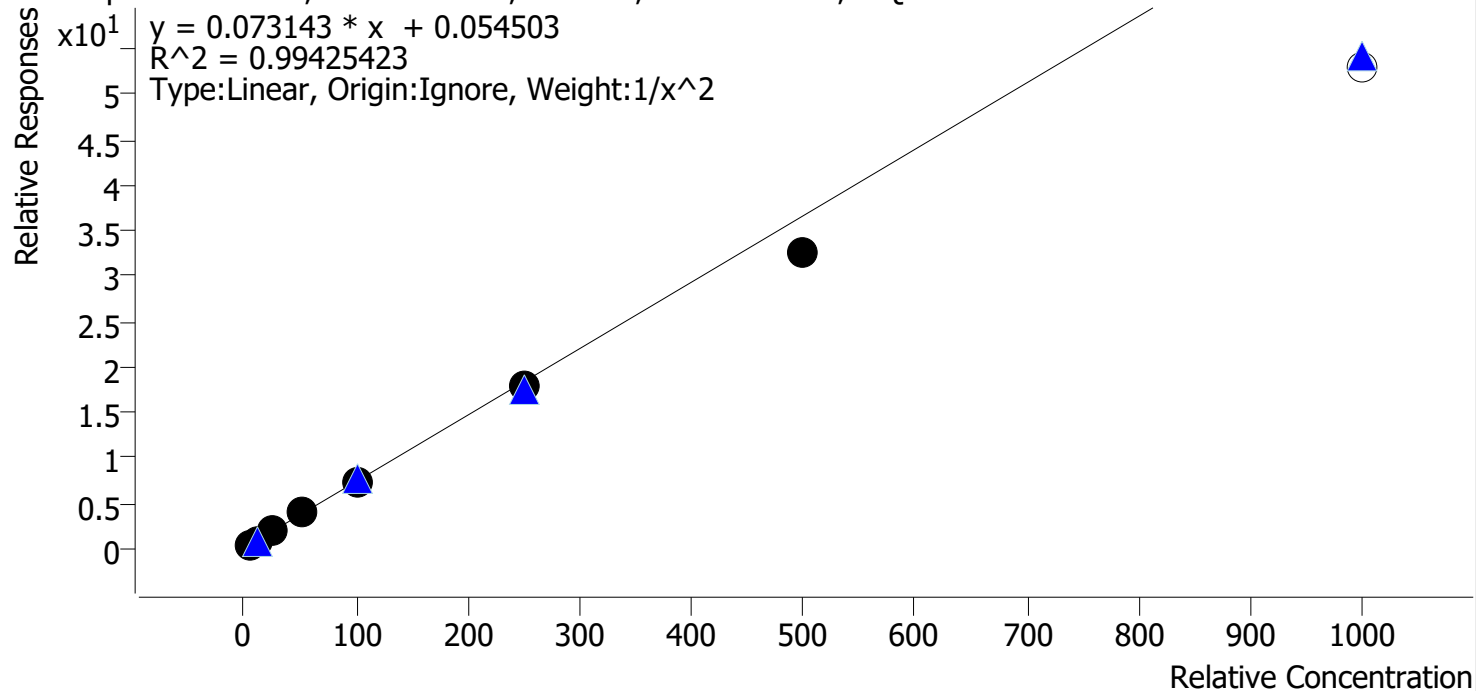
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	100.9	100.9
p1 Cal 6-250ng	6	✓	250.0	257.6	103.1
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	✓	1000.0	985.7	98.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4

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



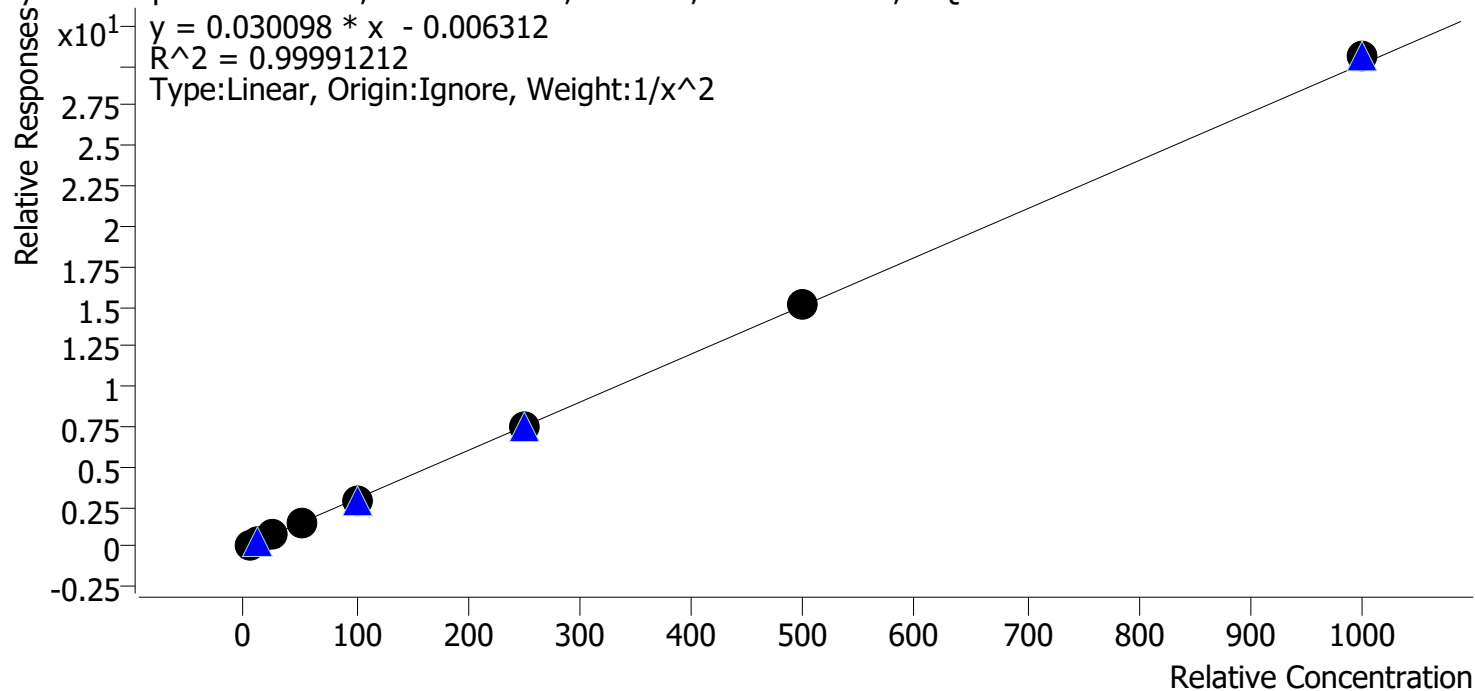
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	27.0	107.9
p1 Cal 4-50ng	4	✓	50.0	53.2	106.3
p1 Cal 5-100ng	5	✓	100.0	99.8	99.8
p1 Cal 6-250ng	6	✓	250.0	244.2	97.7
p1 Cal 7-500ng	7	✓	500.0	445.0	89.0
p1 Cal 8-1000ng	8	✗	1000.0	720.9	72.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3

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



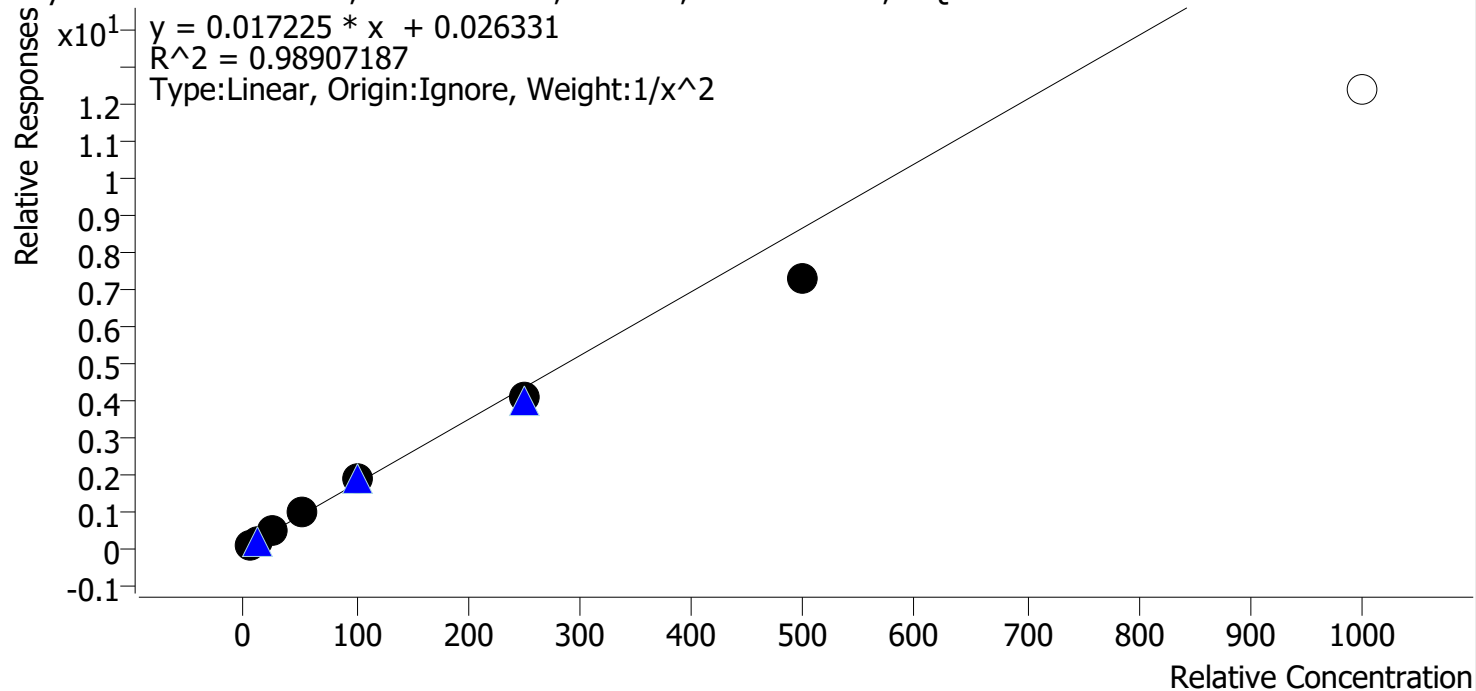
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.3
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng	6	✓	250.0	251.3	100.5
p1 Cal 7-500ng	7	✓	500.0	498.9	99.8
p1 Cal 8-1000ng	8	✓	1000.0	1015.6	101.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6

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



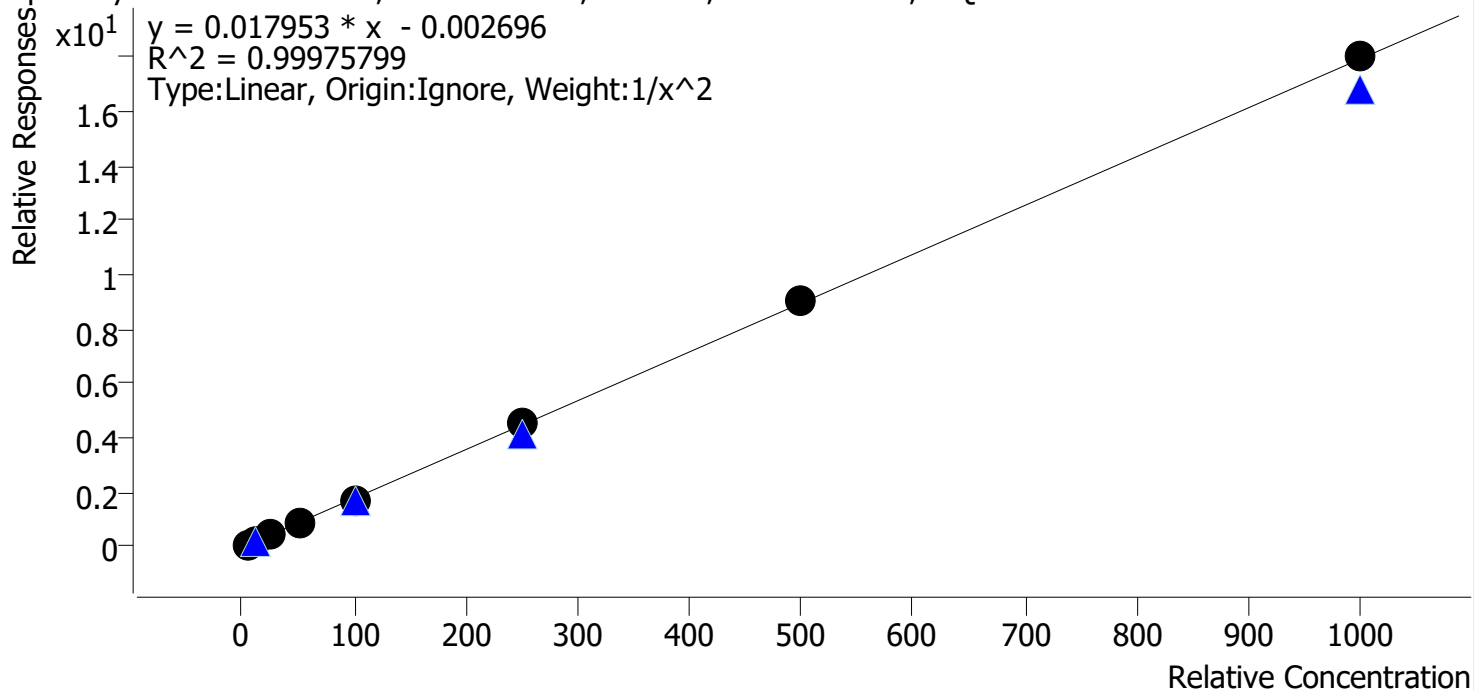
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.2
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.3
p1 Cal 4-50ng	4	✓	50.0	54.5	109.0
p1 Cal 5-100ng	5	✓	100.0	106.8	106.8
p1 Cal 6-250ng	6	✓	250.0	235.5	94.2
p1 Cal 7-500ng	7	✓	500.0	421.3	84.3
p1 Cal 8-1000ng	8	✗	1000.0	716.1	71.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

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



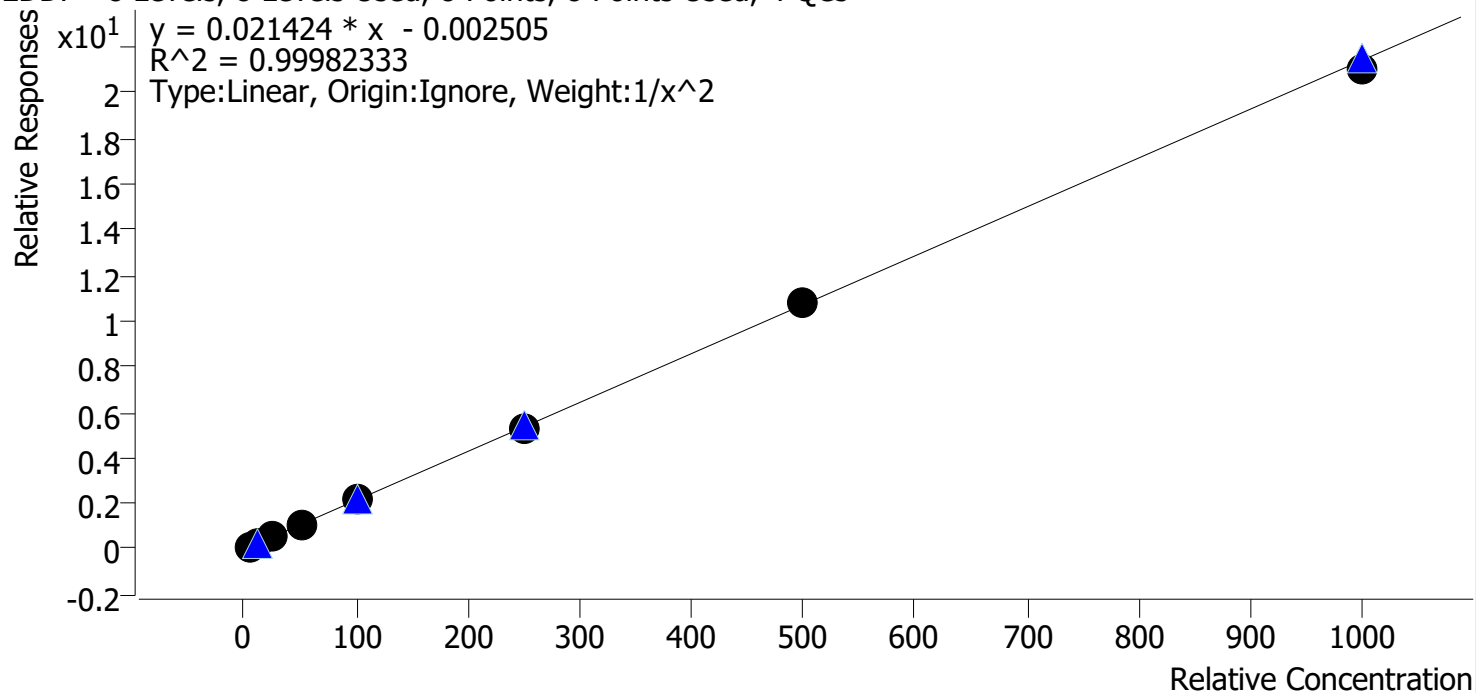
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.5
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.9
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	253.3	101.3
p1 Cal 7-500ng	7	✓	500.0	503.5	100.7
p1 Cal 8-1000ng	8	✓	1000.0	1004.9	100.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

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



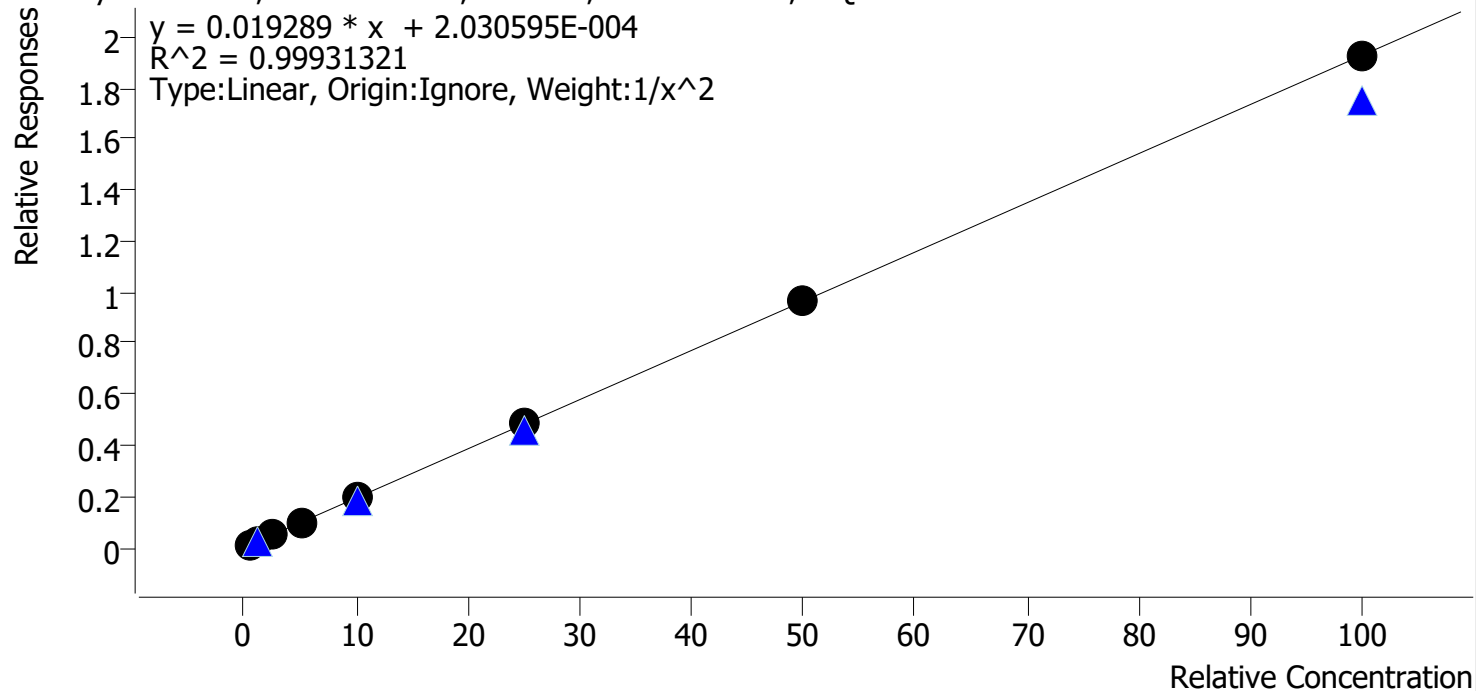
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.1	100.6
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	102.0	102.0
p1 Cal 6-250ng	6	✓	250.0	247.0	98.8
p1 Cal 7-500ng	7	✓	500.0	503.7	100.7
p1 Cal 8-1000ng	8	✓	1000.0	983.4	98.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

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



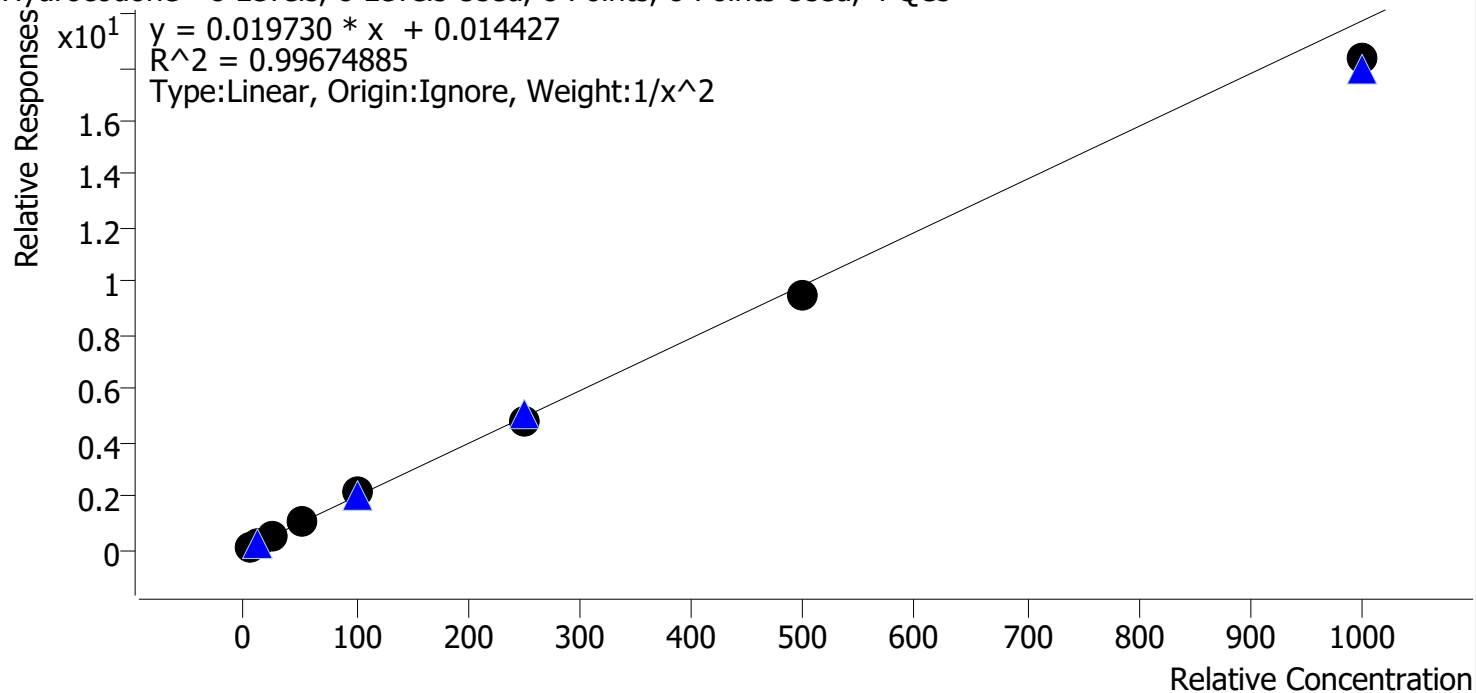
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	100.3
p1 Cal 2-10ng	2	✓	1.0	1.0	101.2
p1 Cal 3 -25ng	3	✓	2.5	2.4	94.6
p1 Cal 4-50ng	4	✓	5.0	5.0	100.3
p1 Cal 5-100ng	5	✓	10.0	10.2	101.6
p1 Cal 6-250ng	6	✓	25.0	25.4	101.5
p1 Cal 7-500ng	7	✓	50.0	50.4	100.7
p1 Cal 8-1000ng	8	✓	100.0	99.7	99.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6

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



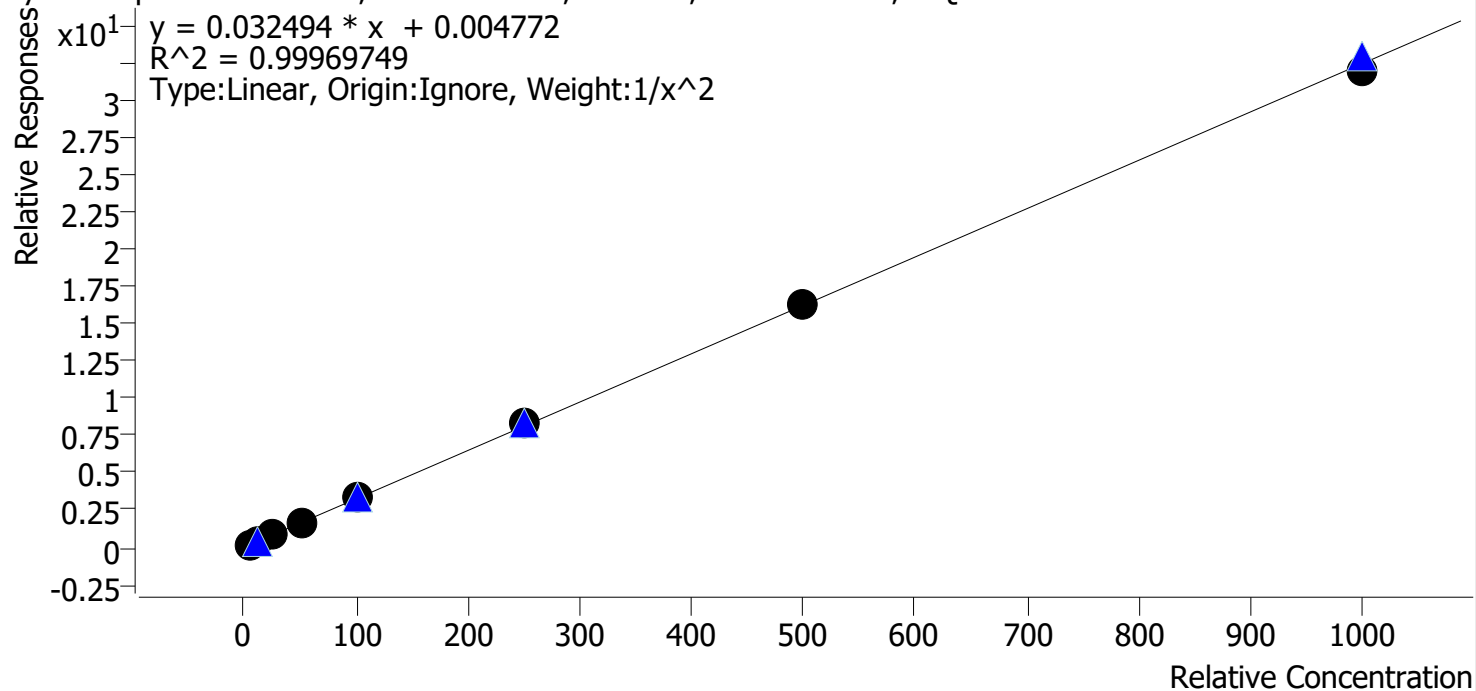
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.2
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	52.1	104.3
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	240.5	96.2
p1 Cal 7-500ng	7	✓	500.0	481.7	96.3
p1 Cal 8-1000ng	8	✓	1000.0	928.5	92.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6

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



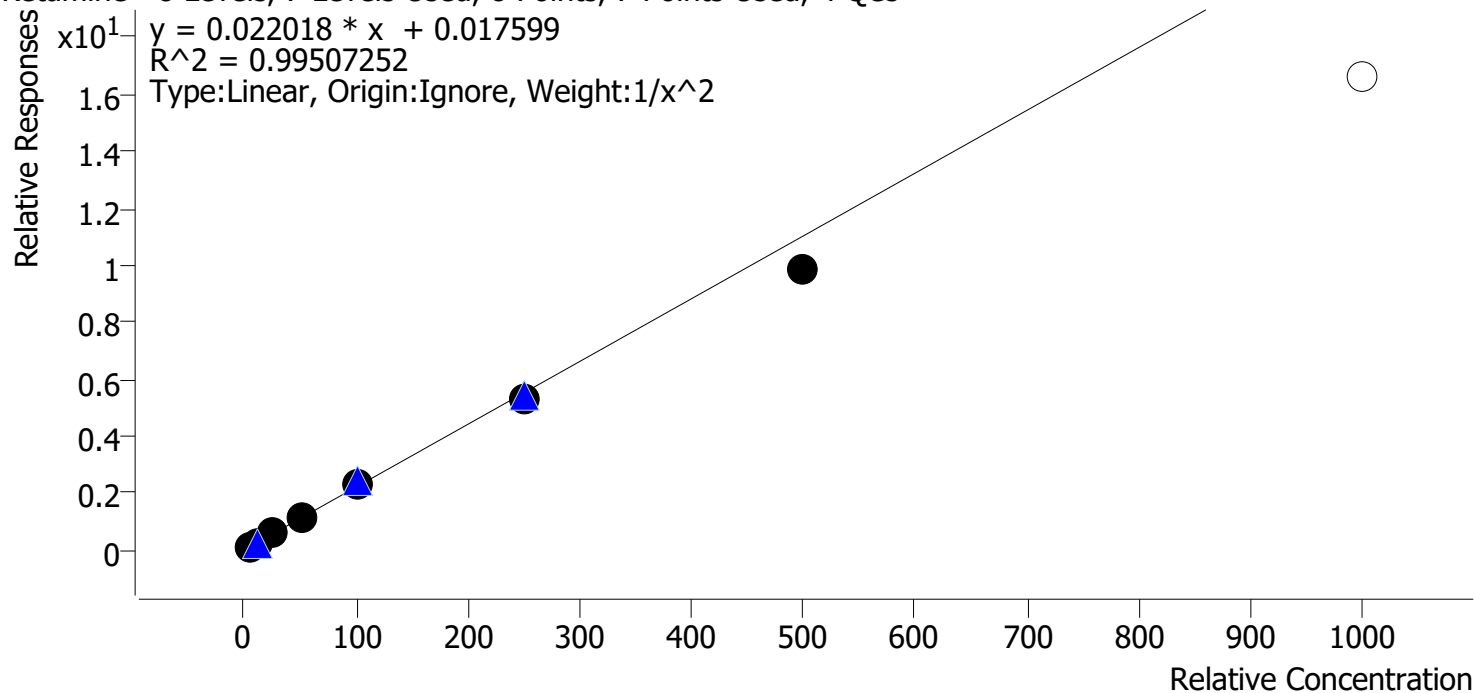
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.9
p1 Cal 2-10ng	2	✓	10.0	9.9	98.6
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.5
p1 Cal 4-50ng	4	✓	50.0	50.3	100.5
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	499.6	99.9
p1 Cal 8-1000ng	8	✓	1000.0	981.4	98.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

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

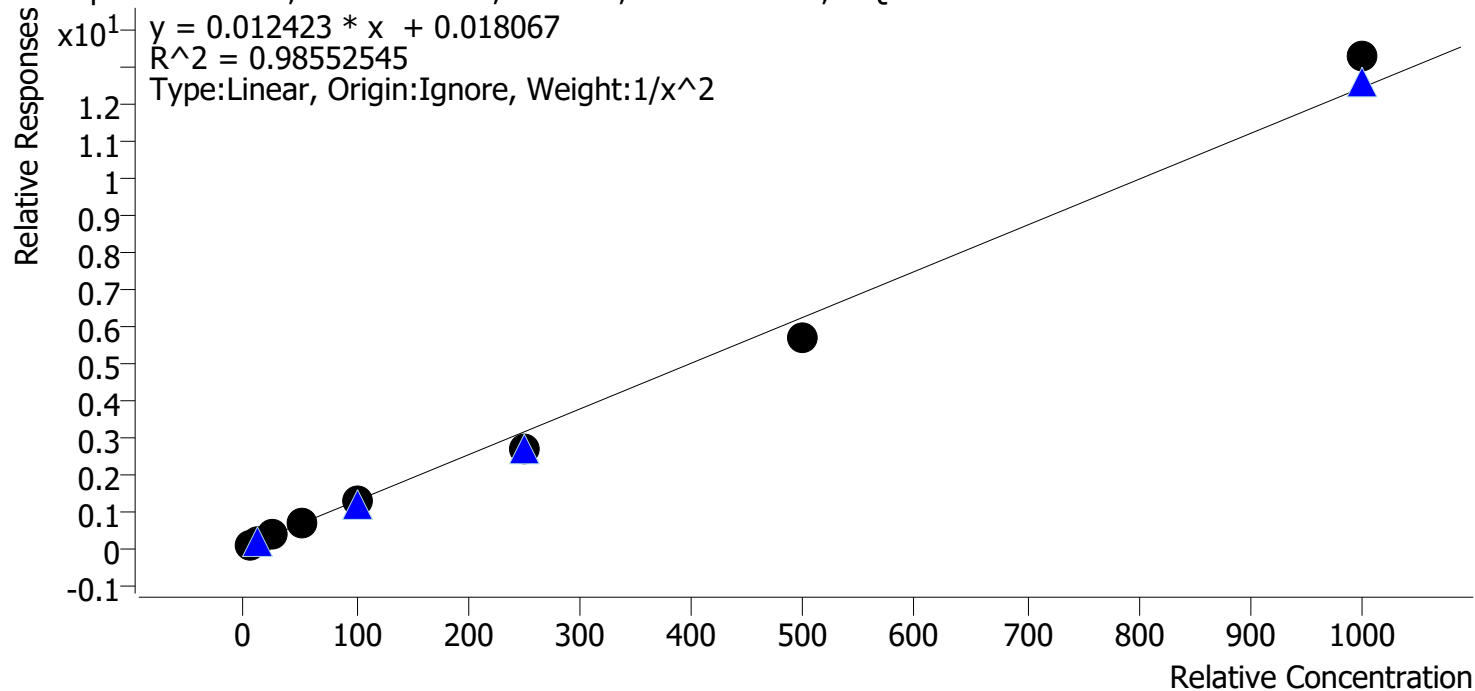


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.1	100.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.2
p1 Cal 4-50ng	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng	6	✓	250.0	240.5	96.2
p1 Cal 7-500ng	7	✓	500.0	447.4	89.5
p1 Cal 8-1000ng	8	✗	1000.0	753.6	75.4

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

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



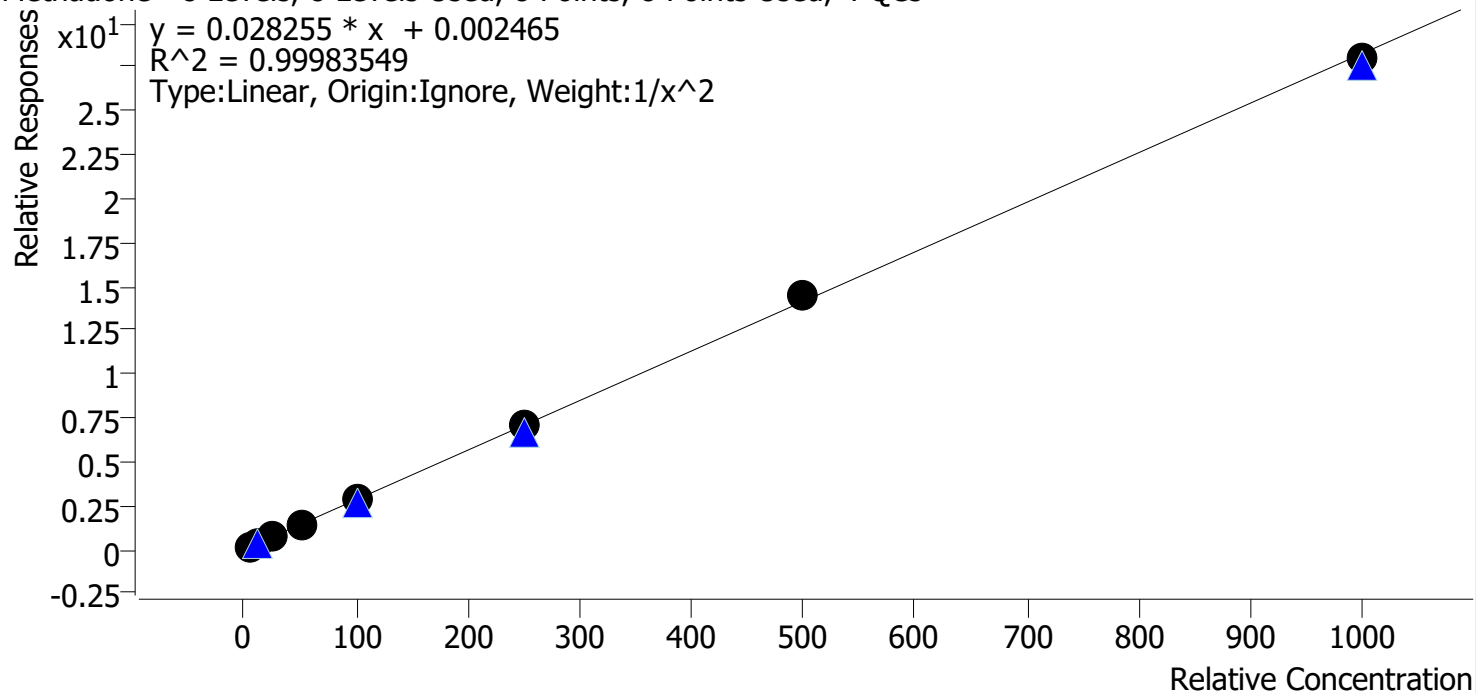
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.5	90.8
p1 Cal 2-10ng	2	✓	10.0	11.5	114.6
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.4
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	96.3	96.3
p1 Cal 6-250ng	6	✓	250.0	214.5	85.8
p1 Cal 7-500ng	7	✓	500.0	452.4	90.5
p1 Cal 8-1000ng	8	✓	1000.0	1067.4	106.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

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



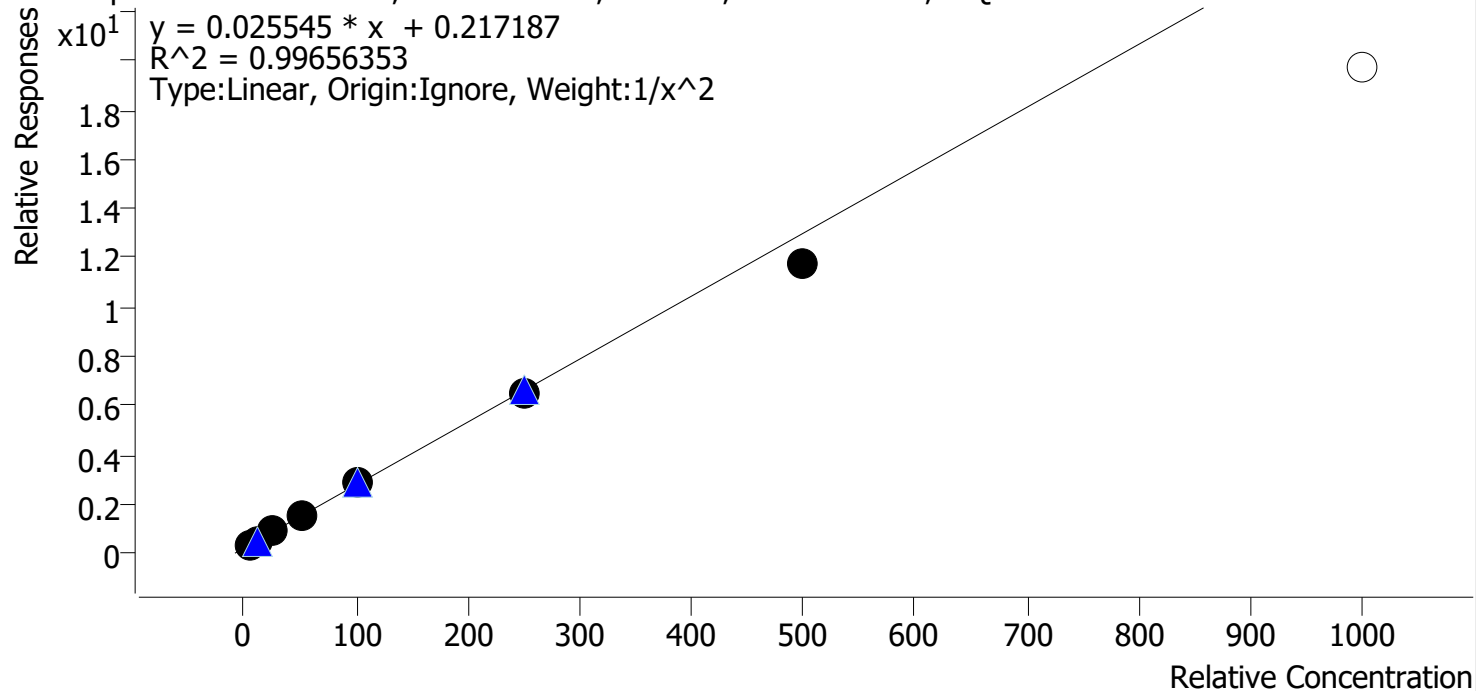
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.7	99.0
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	510.4	102.1
p1 Cal 8-1000ng	8	✓	1000.0	989.9	99.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

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



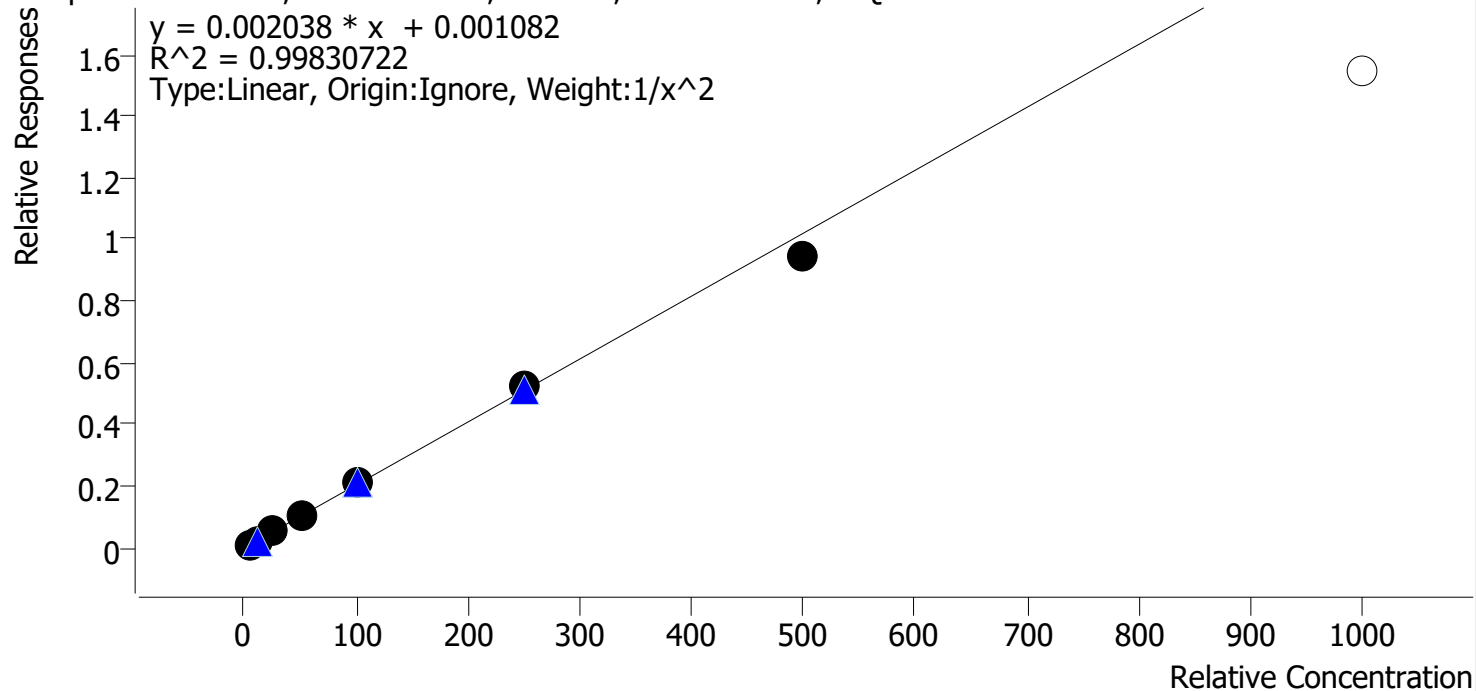
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.5
p1 Cal 4-50ng	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	246.5	98.6
p1 Cal 7-500ng	7	✓	500.0	453.6	90.7
p1 Cal 8-1000ng	8	✗	1000.0	762.2	76.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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

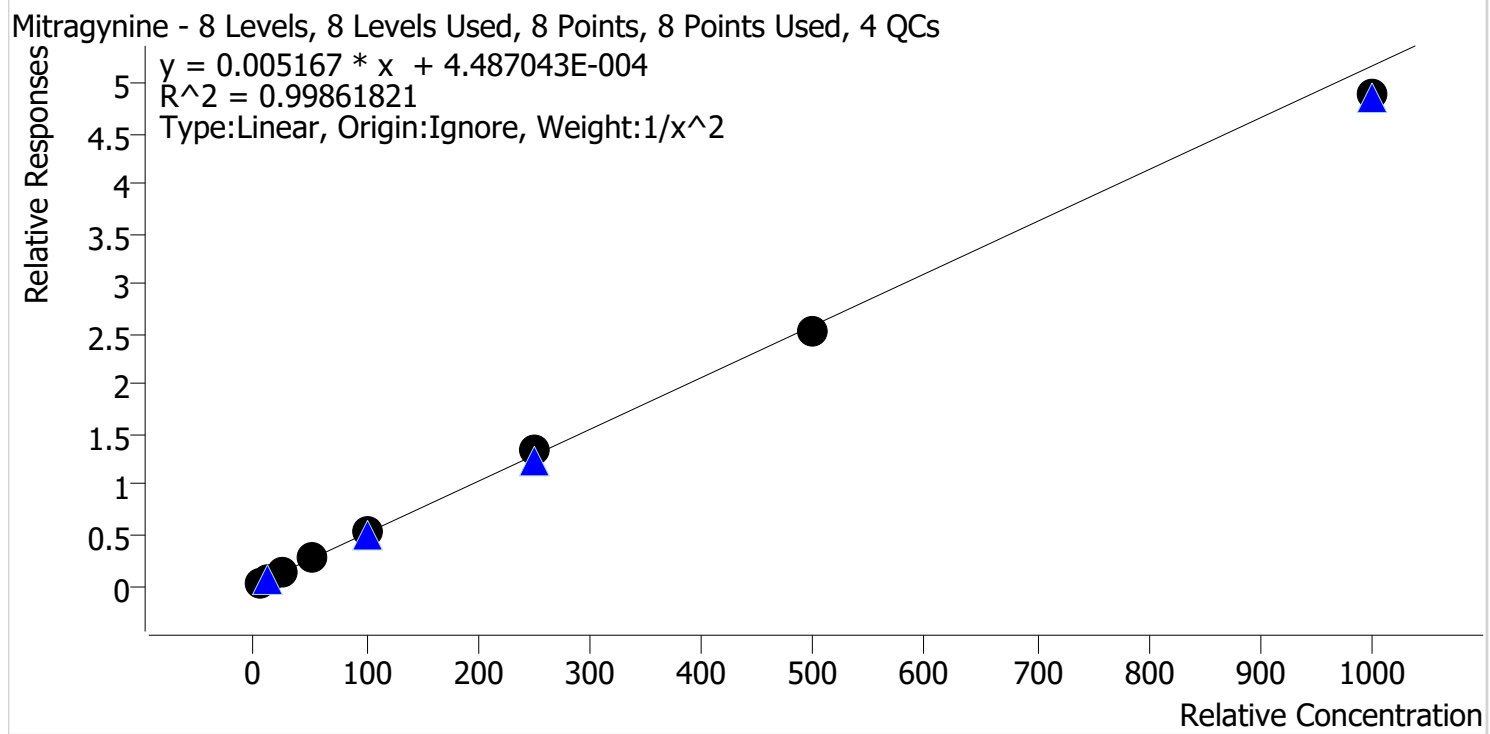


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.9
p1 Cal 2-10ng	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng	3	✓	25.0	25.6	102.4
p1 Cal 4-50ng	4	✓	50.0	50.8	101.6
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	462.8	92.6
p1 Cal 8-1000ng	8	✗	1000.0	758.1	75.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

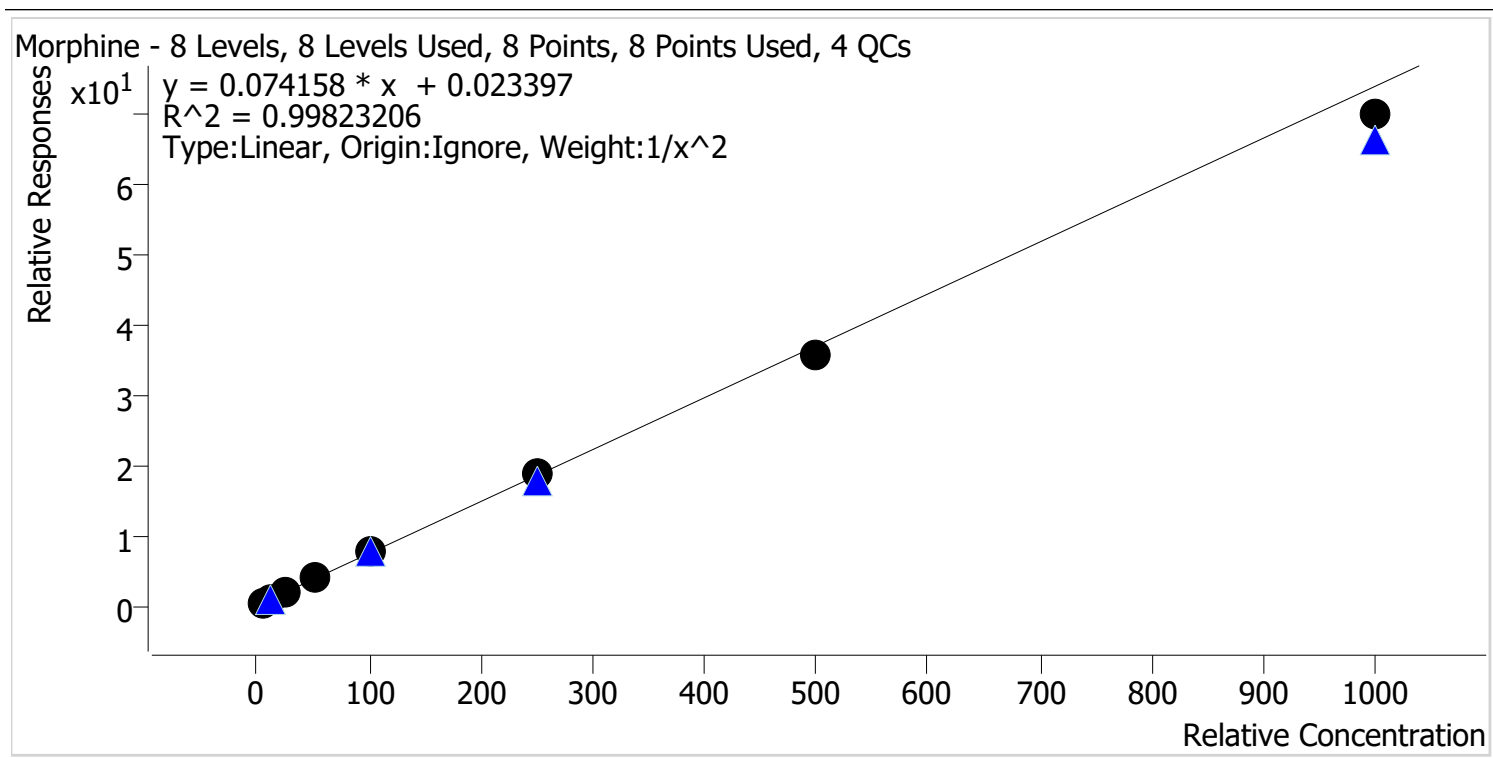


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.5
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.6
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	259.2	103.7
p1 Cal 7-500ng	7	✓	500.0	492.1	98.4
p1 Cal 8-1000ng	8	✓	1000.0	944.7	94.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



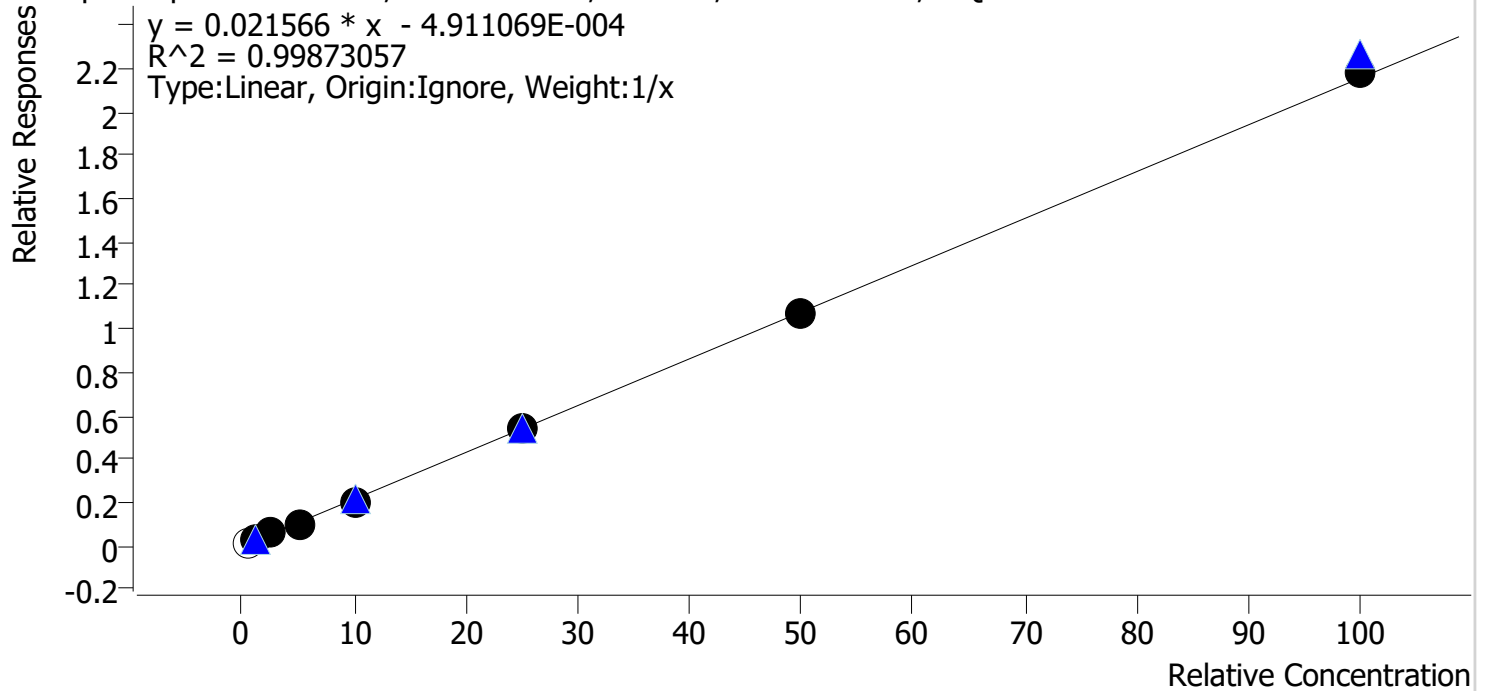
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.4
p1 Cal 2-10ng	2	✓	10.0	10.2	102.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.8
p1 Cal 4-50ng	4	✓	50.0	50.8	101.7
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	252.2	100.9
p1 Cal 7-500ng	7	✓	500.0	481.0	96.2
p1 Cal 8-1000ng	8	✓	1000.0	945.4	94.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3

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



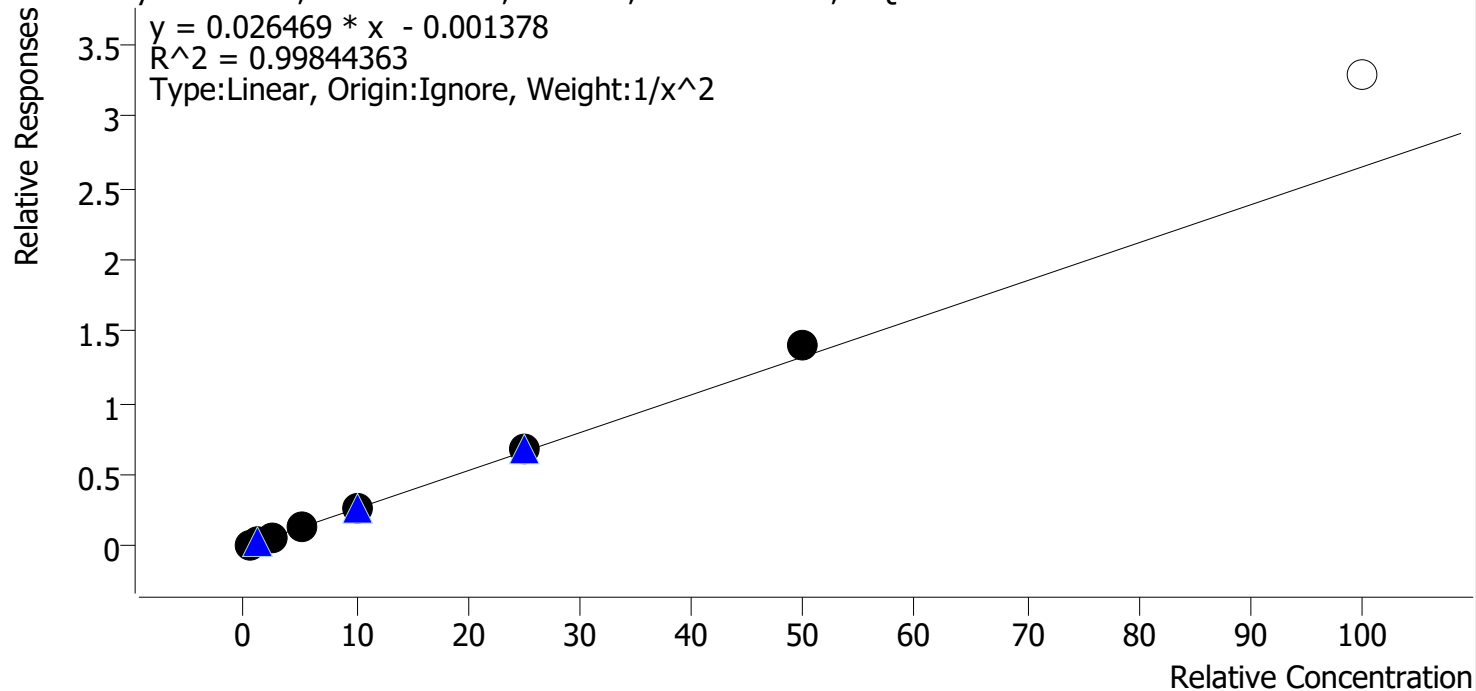
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	0.5	0.7	138.3
p1 Cal 2-10ng	2	✓	1.0	1.2	116.4
p1 Cal 3 -25ng	3	✓	2.5	2.6	103.3
p1 Cal 4-50ng	4	✓	5.0	4.3	86.6
p1 Cal 5-100ng	5	✓	10.0	9.2	92.3
p1 Cal 6-250ng	6	✓	25.0	25.3	101.0
p1 Cal 7-500ng	7	✓	50.0	49.4	98.9
p1 Cal 8-1000ng	8	✓	100.0	101.5	101.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

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



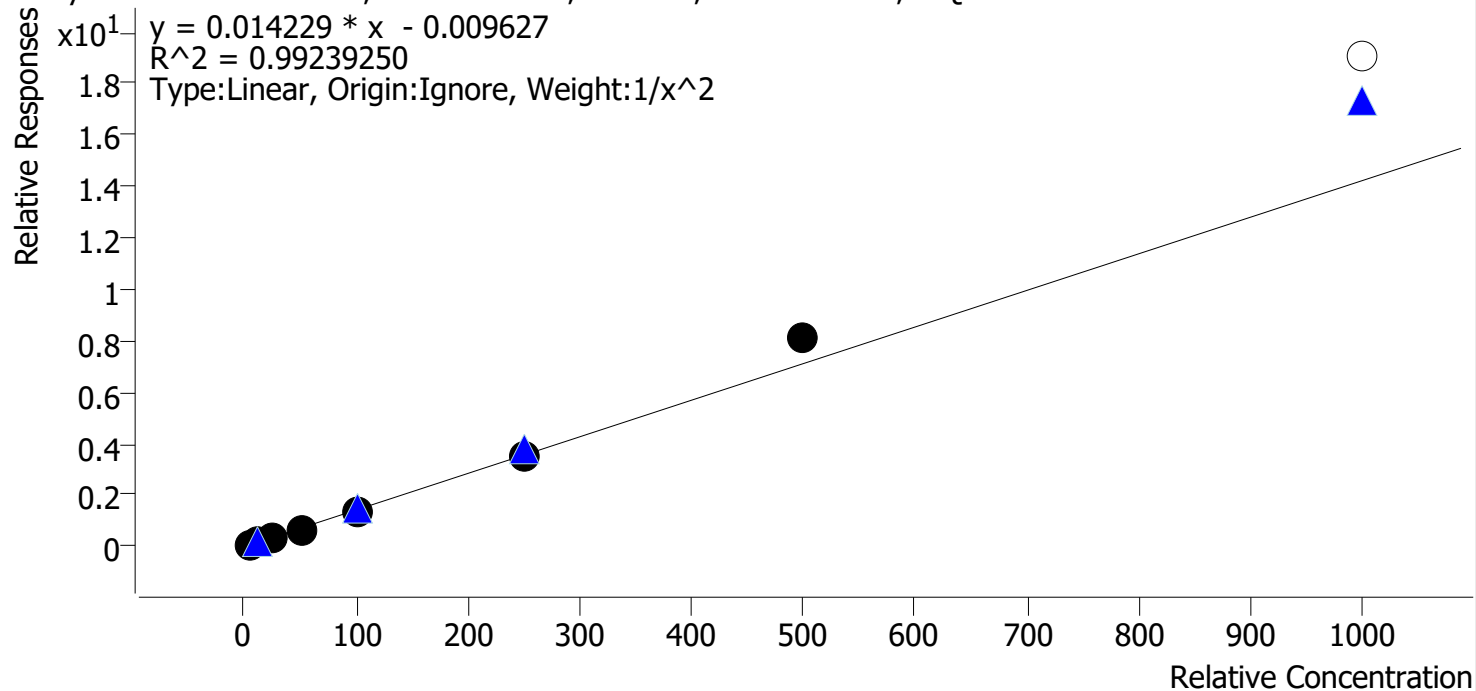
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	1.0	98.6
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.3
p1 Cal 4-50ng	4	✓	5.0	4.8	96.5
p1 Cal 5-100ng	5	✓	10.0	9.9	99.3
p1 Cal 6-250ng	6	✓	25.0	25.5	101.9
p1 Cal 7-500ng	7	✓	50.0	52.8	105.7
p1 Cal 8-1000ng	8	✗	100.0	124.3	124.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3

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



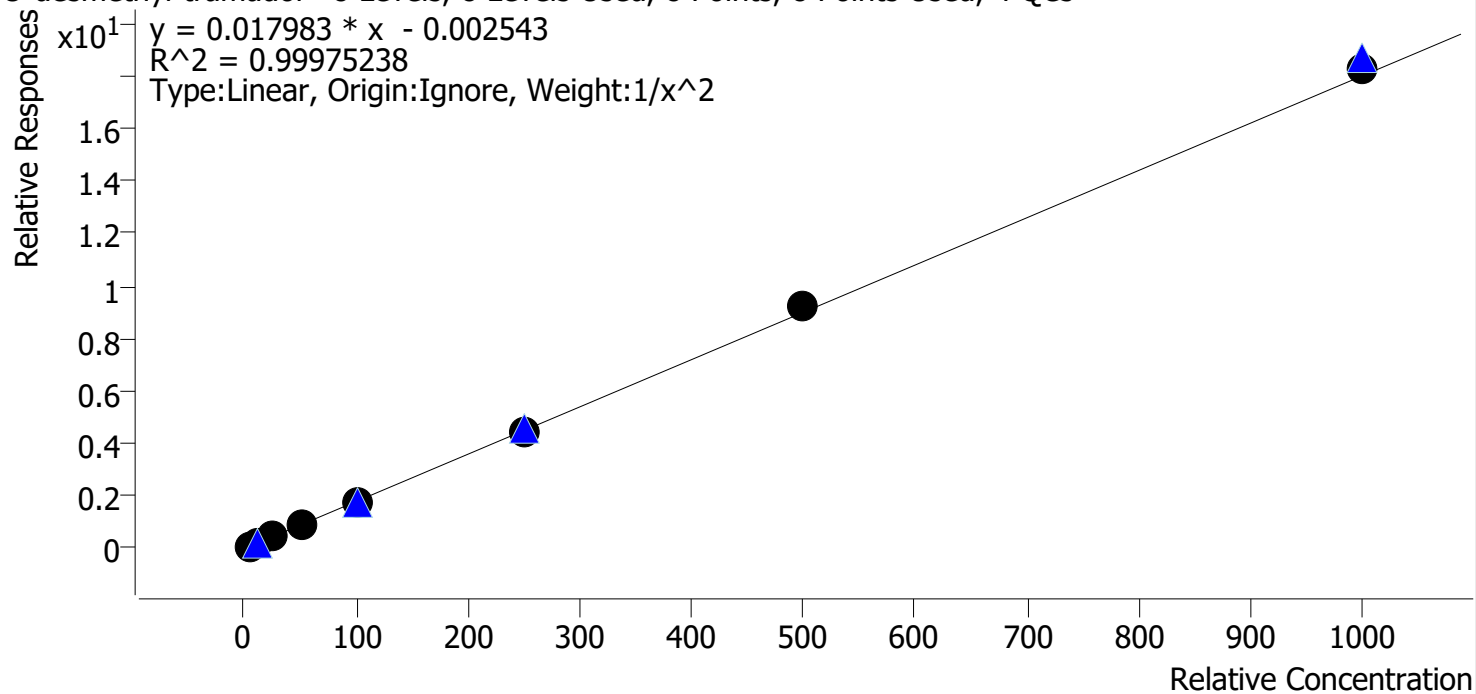
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	10.0	99.9
p1 Cal 3 -25ng	3	✓	25.0	22.9	91.7
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	244.6	97.8
p1 Cal 7-500ng	7	✓	500.0	573.3	114.7
p1 Cal 8-1000ng	8	✗	1000.0	1339.0	133.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

O-desmethyl-tramadol - 8 Levels, 8 Levels Used, 8 Points, 8 Points Used, 4 QCs



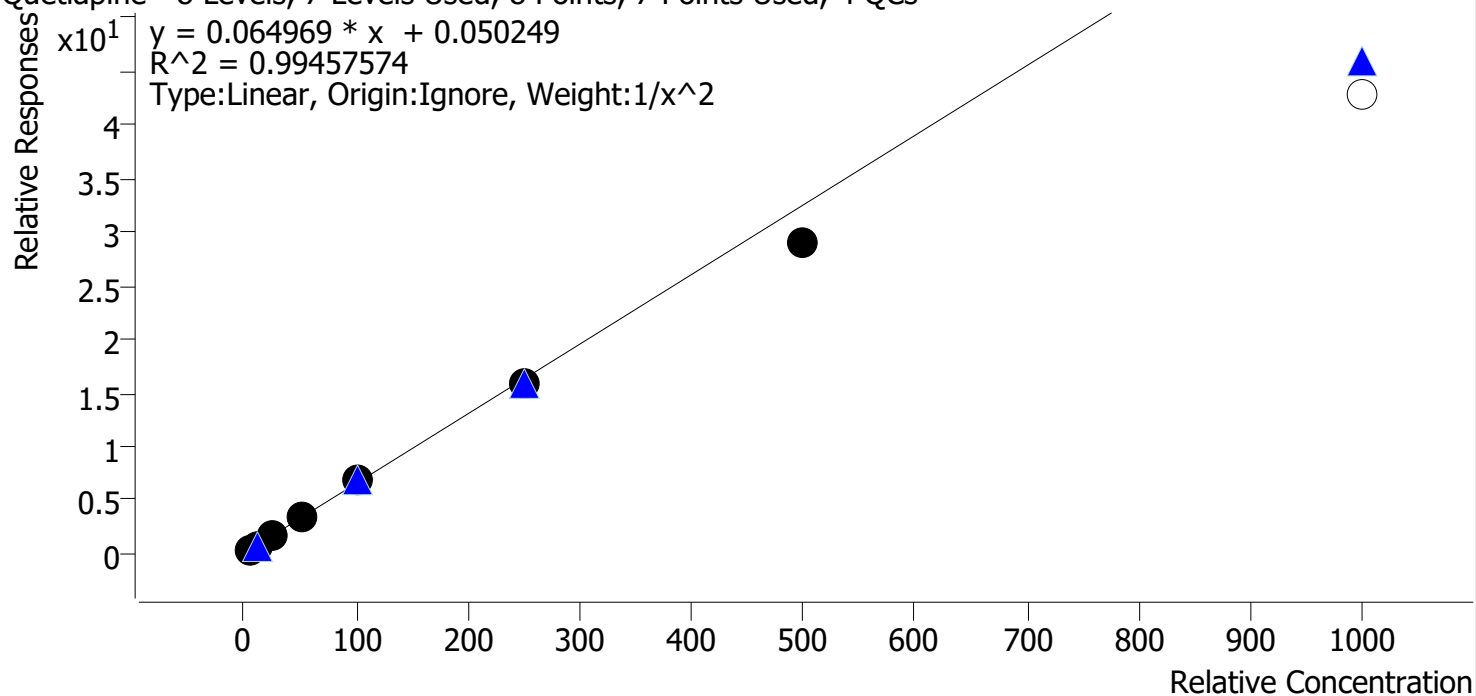
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	24.4	97.7
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	249.6	99.8
p1 Cal 7-500ng	7	✓	500.0	511.1	102.2
p1 Cal 8-1000ng	8	✓	1000.0	1012.2	101.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

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



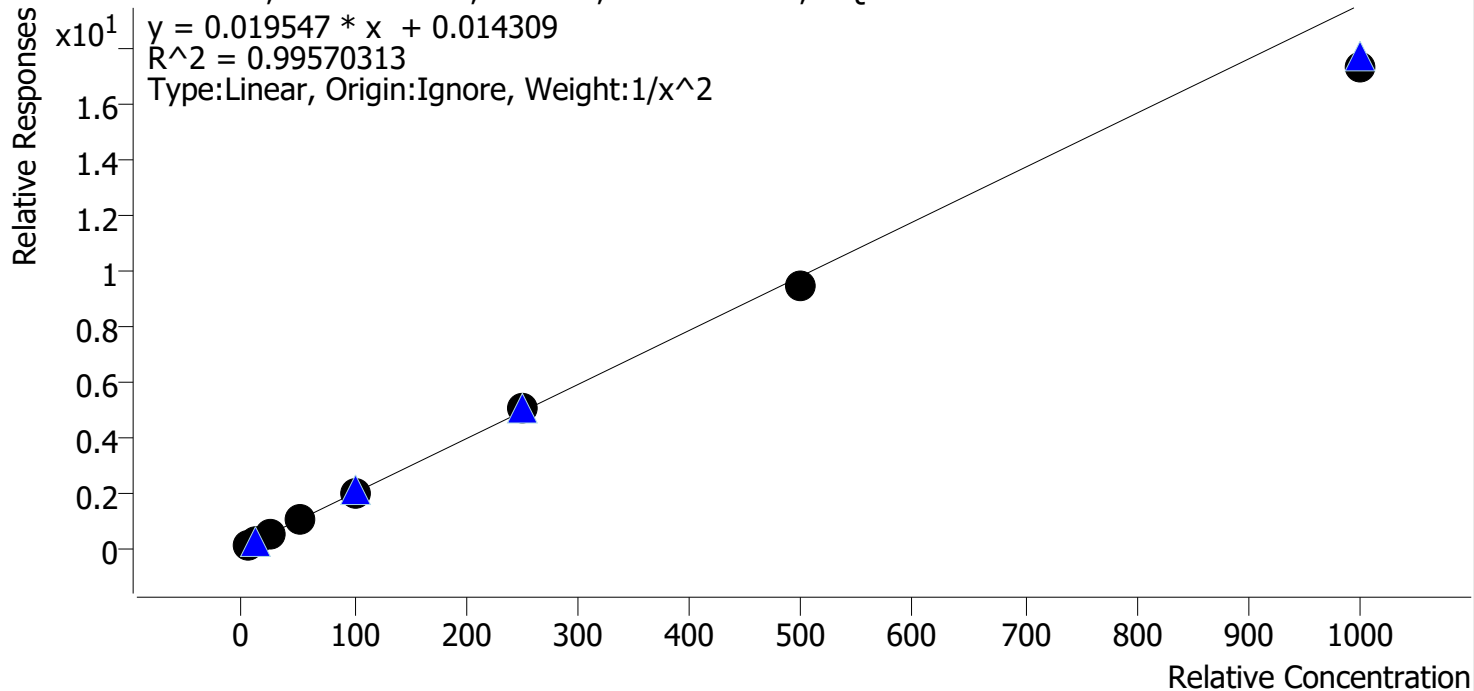
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.6	105.7
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.1
p1 Cal 4-50ng	4	✓	50.0	51.1	102.3
p1 Cal 5-100ng	5	✓	100.0	105.0	105.0
p1 Cal 6-250ng	6	✓	250.0	242.6	97.1
p1 Cal 7-500ng	7	✓	500.0	445.3	89.1
p1 Cal 8-1000ng	8	✗	1000.0	658.1	65.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3

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



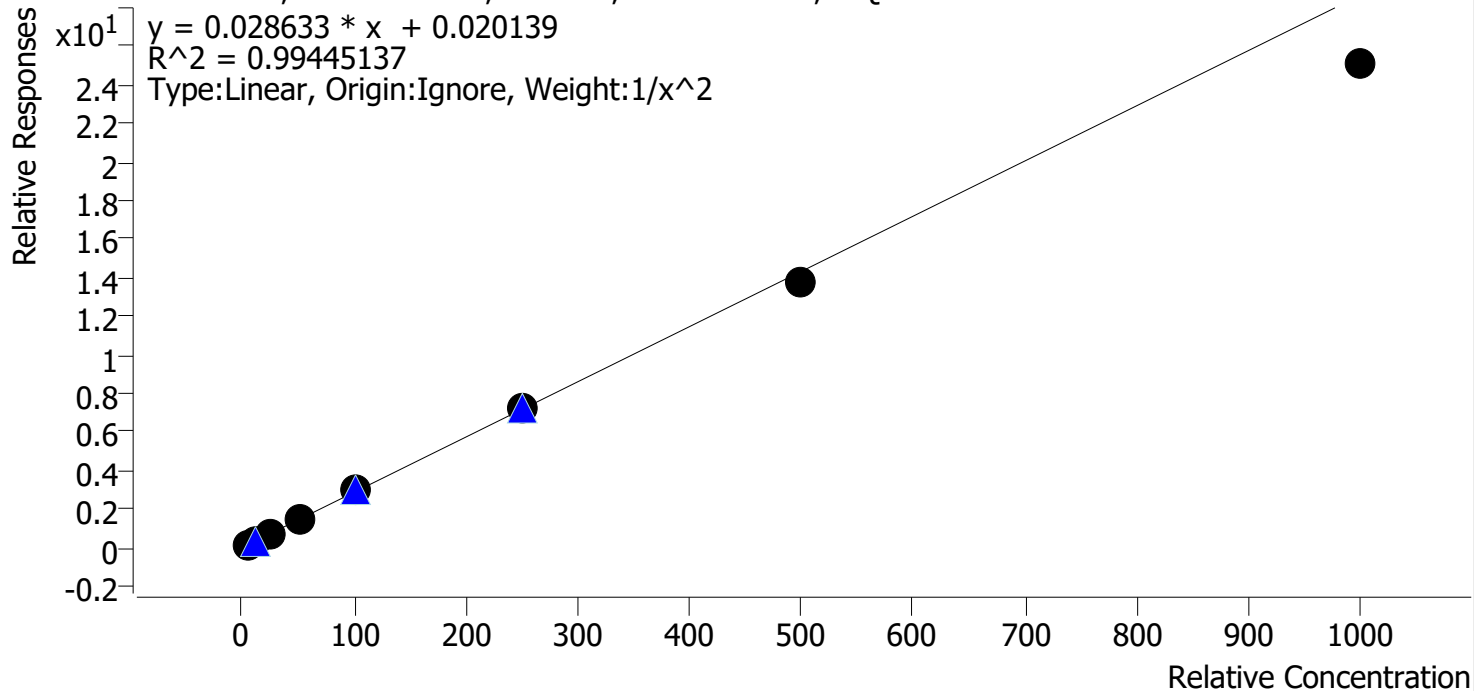
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng	6	✓	250.0	256.8	102.7
p1 Cal 7-500ng	7	✓	500.0	483.0	96.6
p1 Cal 8-1000ng	8	✓	1000.0	884.2	88.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6

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

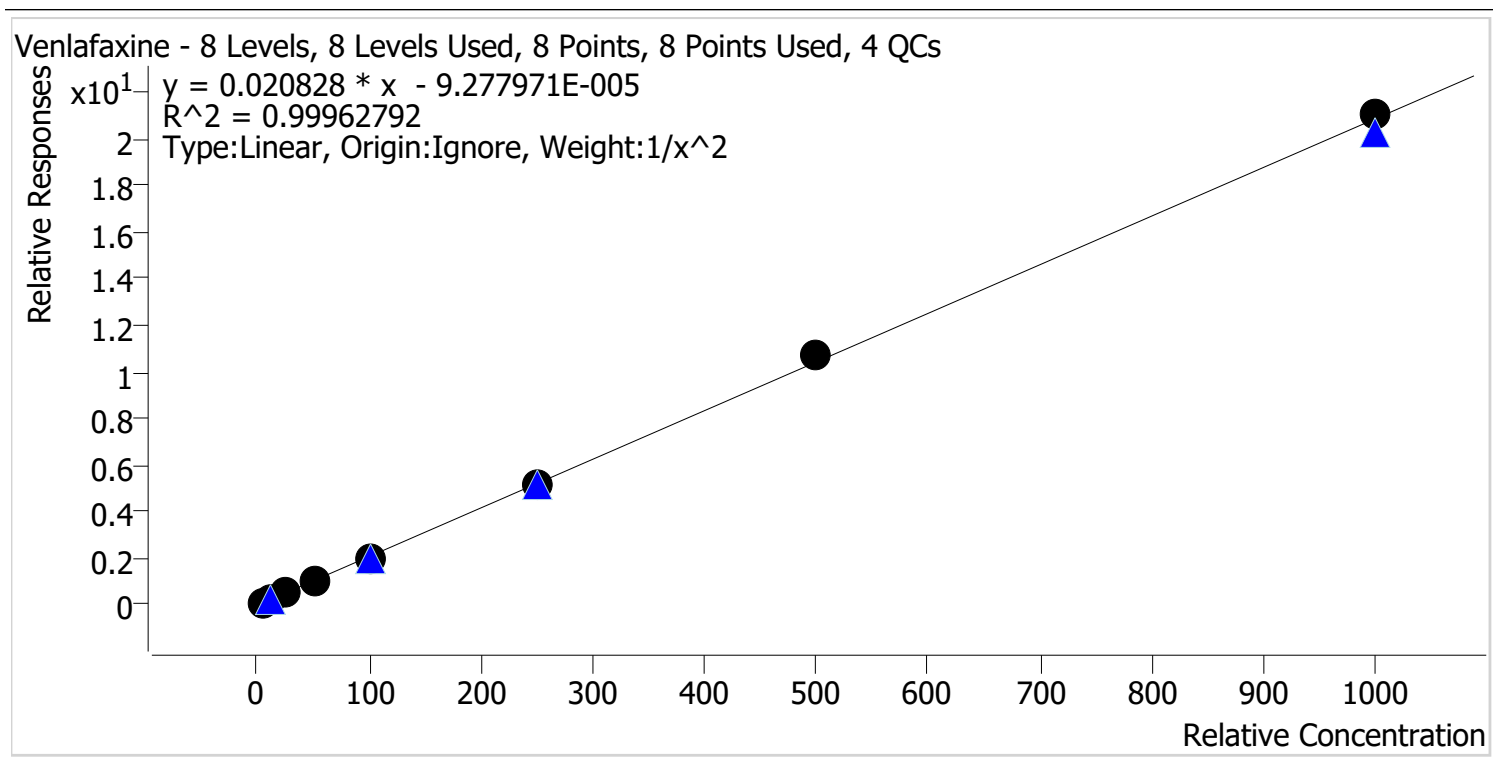


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	53.0	105.9
p1 Cal 5-100ng	5	✓	100.0	105.9	105.9
p1 Cal 6-250ng	6	✓	250.0	251.5	100.6
p1 Cal 7-500ng	7	✓	500.0	478.5	95.7
p1 Cal 8-1000ng	8	✓	1000.0	874.2	87.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Venlafaxine **Internal Standard** Venlafaxine-D6

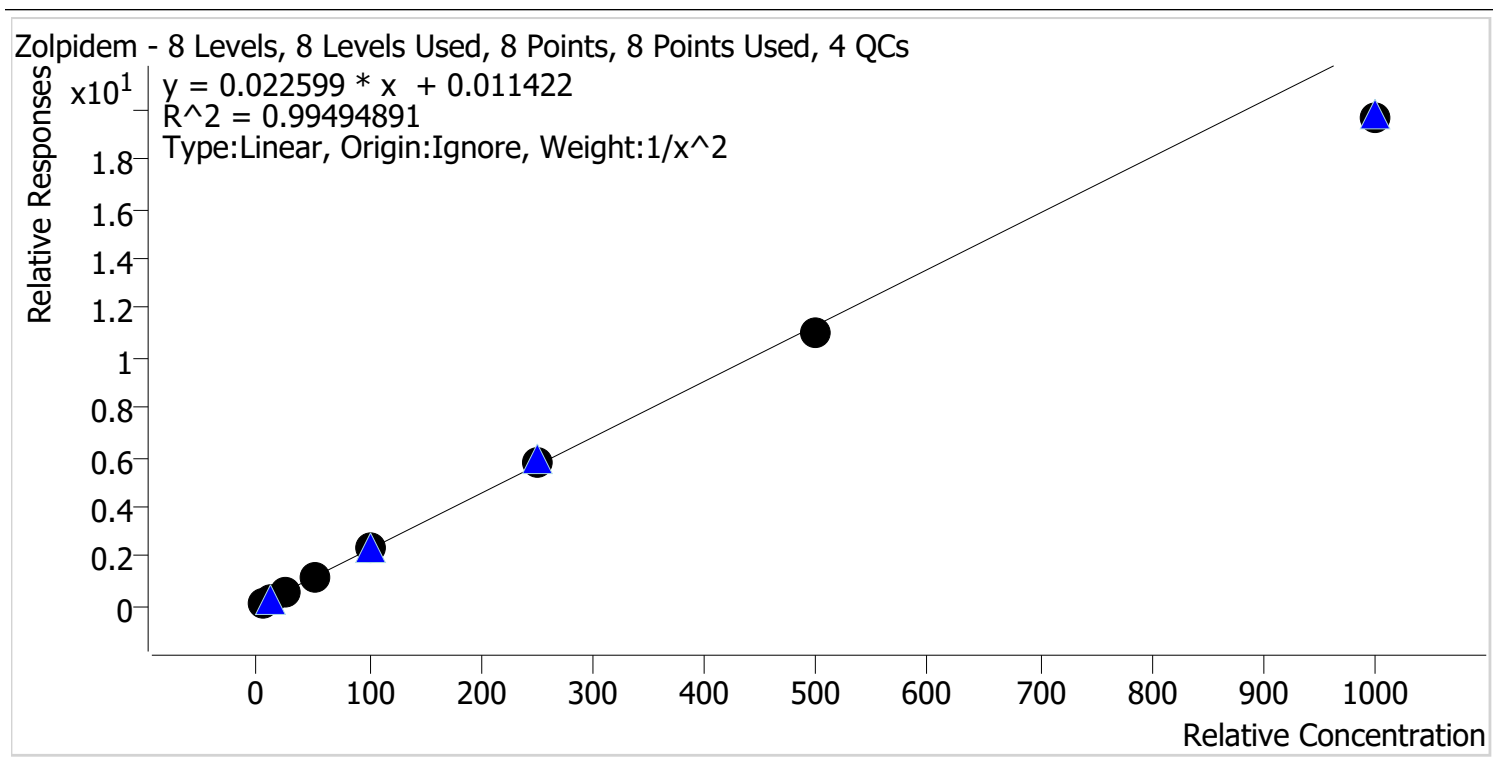


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng	4	✓	50.0	50.3	100.7
p1 Cal 5-100ng	5	✓	100.0	97.2	97.2
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1008.8	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Last Cal. Update 11/26/2024 3:23 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.4
p1 Cal 4-50ng	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	255.9	102.4
p1 Cal 7-500ng	7	✓	500.0	483.7	96.7
p1 Cal 8-1000ng	8	✓	1000.0	870.2	87.0



AM #28 Multi-Drug Quant. Results

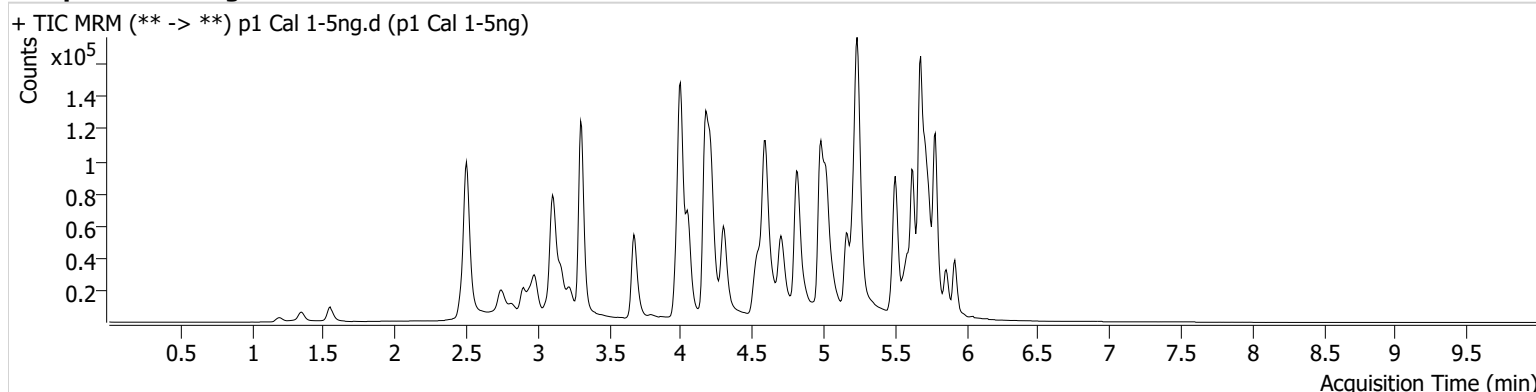
Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 11/26/2024 3:23:22 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P4-A1
Injection Volume 2
Acq. Date-Time 11/25/2024 8:53:31 PM
Sample Info.

Data File p1 Cal 1-5ng.d
Sample p1 Cal 1-5ng
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	4186	140.34	74.6	4145.93	31867	4.7043 ng/ml
Amphetamine	2.979	32308	138.92	46.8	2247.17	59359	4.7717 ng/ml
Bromazolam	5.781	7244	9161.51	123.1	157.00	35250	4.8483 ng/ml
Buprenorphine	5.732	299	19.13	22.1 High	101.58	26222	0.4272 ng/ml
Citalopram	5.167	13227	134.21	36.4	138.01	119163	4.9801 ng/ml
Clonazepam	5.571	10975	1420.14	35.1	50.95	26911	4.8307 ng/ml
Cyclobenzaprine	5.594	8621	188.68	8.3	73.82	59765	5.0025 ng/ml
Dihydrocodeine	2.500	4293	409.24	52.4	250.57	39326	4.8082 ng/ml
Diphenhydramine	5.245	32584	222.26	32.3	4608.79	373559	5.0087 ng/ml
EDDP	5.210	11307	803.74	42.3	3368.20	108049	5.0013 ng/ml
Fentanyl	5.043	1055	515.85	72.7	96.23	106796	0.5016 ng/ml
Fluoxetine	5.681	7724	3724.79	6.5	272.73	50712	5.0764 ng/ml
Hydrocodone	2.975	5463	429.37	37.2	49.36	49072	4.9111 ng/ml
Hydromorphone	1.555	3939	747.10	75.2	9928.56	23362	5.0427 ng/ml
Ketamine	3.987	11375	21845.22	35.3	357.04	90648	4.8998 ng/ml
Lorazepam	5.714	7684	232.76	58.5	130.07	103223	4.5376 ng/ml
Methadone	5.626	22645	18337.90	48.5	210.49	156511	5.0335 ng/ml
Methamphetamine	3.168	52651	772.55	35.3	193.51	152889	4.9788 ng/ml
Metoprolol	4.265	3055	4020.58	108.1	2225.72	273824	4.9430 ng/ml
Mitragynine	5.172	4054	4208.73	44.3	895.24	156511	4.9258 ng/ml
Morphine	1.200	834	96.83	54.6	666.92	2147	4.9206 ng/ml
Norbuprenorphine	4.939	70	9.79 Low	100.2	9.91 Low	4874	0.6914 ng/ml
Norfentanyl	4.022	2502	1108.55	40.1	5.96 Low	207025	0.5087 ng/ml
Norhydrocodone	3.003	824	∞	41.2	55.85	13059	5.1102 ng/ml
O-desmethyl-tramadol	3.308	26752	213.48	5.9	200.00	304078	5.0335 ng/ml
o-desmethylvenlafaxine	4.000	6267	114.48	298.9	4048.87	55935	5.0096 ng/ml
Quetiapine	5.500	17492	2043.93	55.9	6707.65	48380	4.7915 ng/ml
Tramadol	4.184	29811	6071.64	3.3	16.41	273824	4.8375 ng/ml
Trazodone	5.062	18469	66.33	60.7	9670.60	115224	4.8949 ng/ml
Venlafaxine	4.983	26580	367.36	30.5	196.83	253739	5.0339 ng/ml
Zolpidem	4.832	24230	24358.46	30.1	1952.61	198766	4.8887 ng/ml



AM #28 Multi-Drug Quant. Results

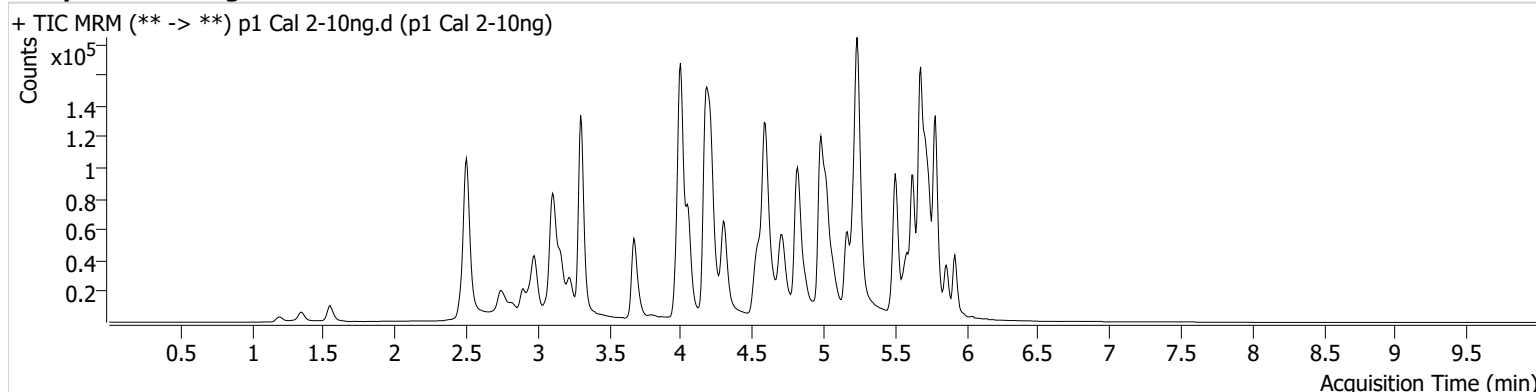
Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 11/26/2024 3:23:22 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P4-B1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:04:19 PM
Sample Info.

Data File p1 Cal 2-10ng.d
Sample p1 Cal 2-10ng
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	7795	79.62	78.3	276.27	30446	10.7906 ng/ml
Amphetamine	2.979	59788	383.49	46.9	1478.32	59339	10.4341 ng/ml
Bromazolam	5.781	13982	6515.15	125.0	12316.21	34319	10.3807 ng/ml
Buprenorphine	5.732	501	147.82	21.0 High	136.67	22237	0.8801 ng/ml
Citalopram	5.167	24276	2589.44	37.5	5653.16	108460	10.0650 ng/ml
Clonazepam	5.571	20259	25671.56	36.5	533.43	25153	10.2666 ng/ml
Cyclobenzaprine	5.594	14393	103.08	8.3	498.54	48673	10.0344 ng/ml
Dihydrocodeine	2.500	7941	88.91	58.4	322.60	38909	10.3201 ng/ml
Diphenhydramine	5.245	60659	92.36	31.2	289.20	344911	9.9462 ng/ml
EDDP	5.210	19738	1039.83	41.9	1661.05	93608	9.9587 ng/ml
Fentanyl	5.043	1864	73.47	64.6	940.26	94445	1.0125 ng/ml
Fluoxetine	5.681	11644	14066.81	7.1	58.15	39485	9.9366 ng/ml
Hydrocodone	2.975	10480	89.36	33.9	86.07	49202	10.0651 ng/ml
Hydromorphone	1.555	7340	26855.83	75.1	2975.17	22571	9.8604 ng/ml
Ketamine	3.987	21005	6570.95	36.2	270.86	87802	10.0657 ng/ml
Lorazepam	5.714	15876	4292.72	47.4	121.67	98953	11.4603 ng/ml
Methadone	5.626	39010	1919.66	50.6	420.25	138043	9.9143 ng/ml
Methamphetamine	3.168	72737	1701.88	35.8	764.61	155210	9.8433 ng/ml
Metoprolol	4.265	5863	13743.82	107.3	1972.81	270819	10.0910 ng/ml
Mitragynine	5.172	7425	3031.22	36.9	1124.14	138043	10.3228 ng/ml
Morphine	1.200	1585	119.01	53.2	2056.86	2024	10.2419 ng/ml
Norbuprenorphine	4.932	108	177.98	91.3	141.24	4372	1.1640 ng/ml
Norfentanyl	4.022	4993	2075.31	37.2	169.41	202013	0.9858 ng/ml
Norhydrocodone	3.003	1641	197.10	35.7	81.33	12379	9.9922 ng/ml
O-desmethyl-tramadol	3.308	52909	841.76	5.9	359.18	299237	9.9734 ng/ml
o-desmethylvenlafaxine	4.000	12599	643.48	290.2	573.81	55182	9.9075 ng/ml
Quetiapine	5.500	31832	5713.91	56.5	21737.15	43206	10.5666 ng/ml
Tramadol	4.184	58586	862.96	2.9	71.23	270819	10.3349 ng/ml
Trazodone	5.062	33203	18618.59	61.0	1050.63	108335	10.0008 ng/ml
Venlafaxine	4.983	50790	239.92	31.6	173.51	246273	9.9060 ng/ml
Zolpidem	4.832	46862	23125.39	28.8	142.74	194743	10.1427 ng/ml



AM #28 Multi-Drug Quant. Results

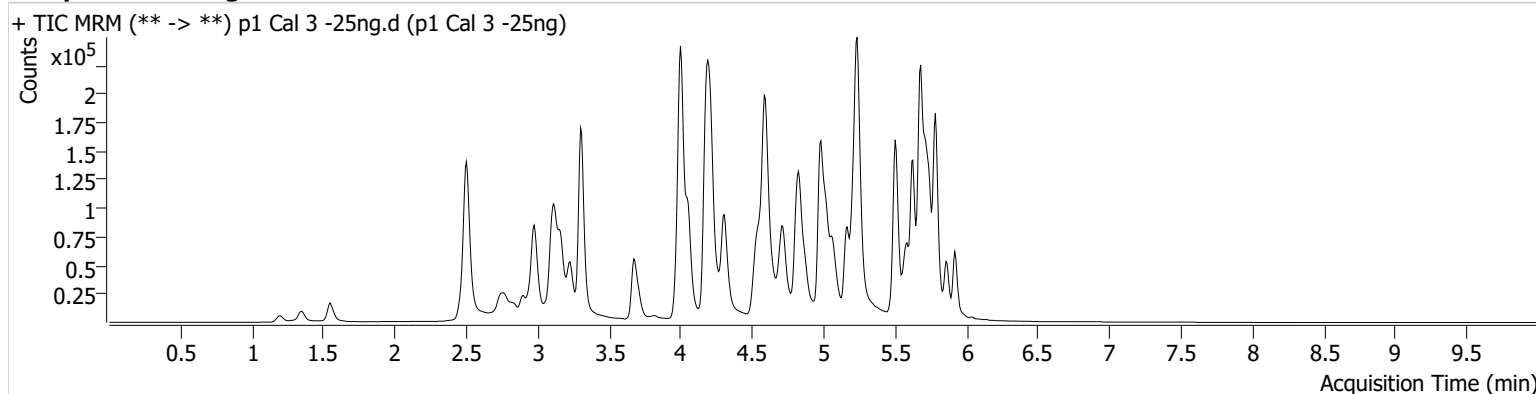
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Calibration Last Update 11/26/2024 3:23:22 PM

Instrument Falco (069901)
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Sample Position P4-C1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:14:57 PM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	17651	1664.63	79.3	6620.70	30014	26.9997 ng/ml
Amphetamine	2.979	145449	2155.39	47.1	179.39	60621	27.4448 ng/ml
Bromazolam	5.781	31979	3749.96	131.8	52780.38	33341	25.4990 ng/ml
Buprenorphine	5.732	1436	997.70	19.9	435.50	23177	2.4799 ng/ml
Citalopram	5.160	61444	3512.06	38.0	761.79	111280	24.8631 ng/ml
Clonazepam	5.571	50394	2099.05	35.1	43877.34	24845	26.9858 ng/ml
Cyclobenzaprine	5.594	38765	128.19	8.1	199.54	52254	24.8579 ng/ml
Dihydrocodeine	2.500	19378	196.72	59.5	132.68	40017	26.5844 ng/ml
Diphenhydramine	5.238	160017	204.11	32.0	1216.46	353397	25.3711 ng/ml
EDDP	5.210	58729	3580.68	41.7	16050.28	109531	25.1437 ng/ml
Fentanyl	5.036	4649	127.40	69.7	50.06	101464	2.3649 ng/ml
Fluoxetine	5.681	30189	12091.15	7.9	1206.55	43391	23.5998 ng/ml
Hydrocodone	2.968	26436	178.64	34.5	49.98	50121	26.0028 ng/ml
Hydromorphone	1.555	19027	73255.27	74.4	46.55	23629	24.6348 ng/ml
Ketamine	3.987	53511	2378.75	37.6	362.14	89706	26.2927 ng/ml
Lorazepam	5.714	32949	3104.36	52.6	260.33	92055	27.3573 ng/ml
Methadone	5.626	102062	366.47	49.1	9351.19	145481	24.7422 ng/ml
Methamphetamine	3.161	141673	660.28	35.3	246.57	161320	25.8767 ng/ml
Metoprolol	4.265	14847	1072.17	107.2	315.59	278782	25.5984 ng/ml
Mitragynine	5.172	18416	16918.39	40.6	1597.87	145481	24.4108 ng/ml
Morphine	1.200	3980	808.08	57.4	366.91	2125	24.9435 ng/ml
Norbuprenorphine	4.925	251	581.92	101.9	77.08	4553	2.5829 ng/ml
Norfentanyl	4.022	12965	762.56	39.5	248.89	207890	2.4082 ng/ml
Norhydrocodone	3.003	4003	121.14	42.4	44.12	12638	22.9340 ng/ml
O-desmethyl-tramadol	3.308	135544	2526.94	5.9	369.14	310236	24.4363 ng/ml
o-desmethylvenlafaxine	4.000	32557	1101.06	283.9	40579.02	54969	25.2388 ng/ml
Quetiapine	5.500	81826	11239.09	55.8	79903.50	46546	26.2854 ng/ml
Tramadol	4.184	147426	61148.50	3.0	214.93	278782	26.3215 ng/ml
Trazodone	5.062	89201	1153.73	59.6	39084.09	113978	26.6300 ng/ml
Venlafaxine	4.983	129035	7146.04	32.0	600.53	249802	24.8046 ng/ml
Zolpidem	4.832	119918	3225.44	29.7	7865.53	201346	25.8494 ng/ml



AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\112524 AM 27 28 TS\QuantResults\AM 28_cases.batch.bin
Calibration Last Update 11/26/2024 3:23:22 PM

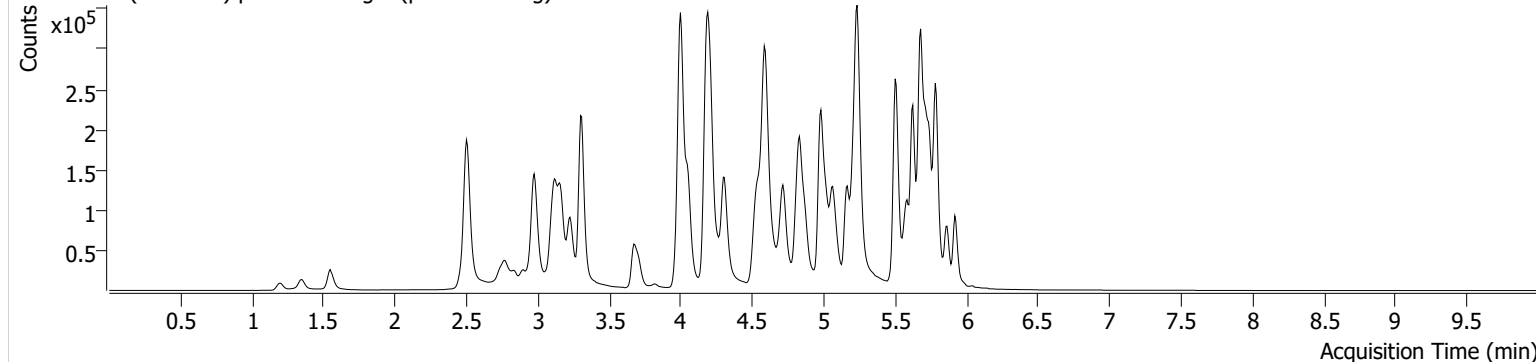
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Sample Position P4-D1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:25:34 PM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
Operator Tamara Salazar
Comment

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Sample Chromatogram

+ TIC MRM (** -> **) p1 Cal 4-50ng.d (p1 Cal 4-50ng)





AM #28 Multi-Drug Quant. Results

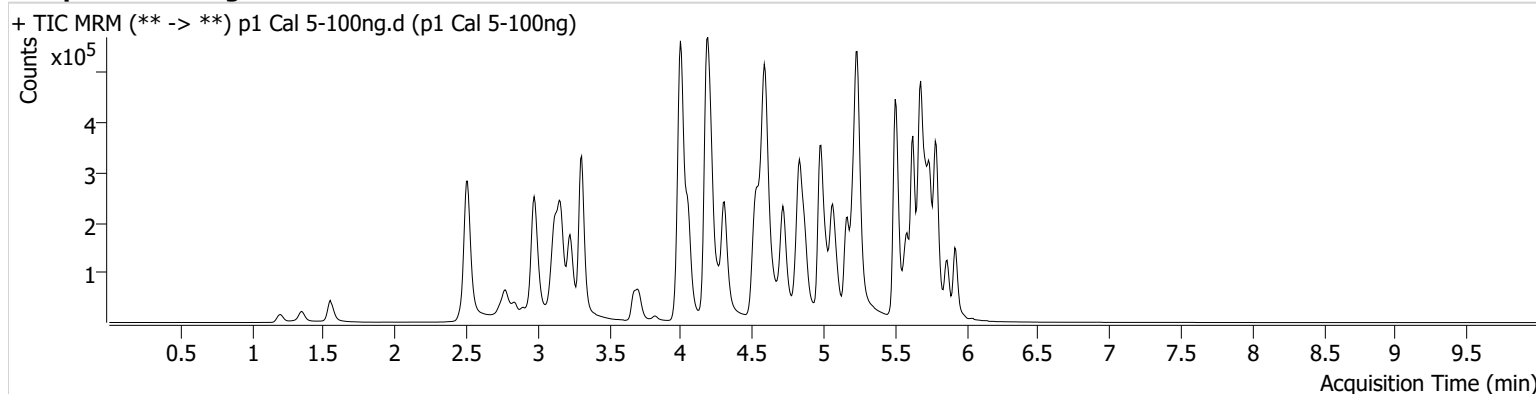
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Calibration Last Update 11/26/2024 3:23:22 PM

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Sample Position P4-E1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:36:11 PM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
Operator Tamara Salazar
Comment

Only drugs and concentrations listed on the laboratory report itself are appropriate to be used for interpretation purposes. Any drugs or values included in the notes but not included on the report are used by laboratory personnel to make determinations/reach conclusions within the confines of the methods.

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.203	46681	2064.49	80.3	662.78	23351	95.8783 ng/ml
Amphetamine	2.979	510123	306.27	46.2	13061.67	60642	100.9335 ng/ml
Bromazolam	5.781	111759	4126.36	133.5	116839.60	28633	106.1680 ng/ml
Buprenorphine	5.732	6232	411.73	15.7	682.96	25301	9.9621 ng/ml
Citalopram	5.160	261489	367.63	37.2	1632.71	116767	100.9085 ng/ml
Clonazepam	5.571	172215	34522.73	35.8	15314.95	23419	99.7937 ng/ml
Cyclobenzaprine	5.594	161205	6751.96	8.2	6828.14	54164	99.0938 ng/ml
Dihydrocodeine	2.494	72705	564.15	59.9	260.13	38951	106.8360 ng/ml
Diphenhydramine	5.238	646768	16407.66	33.4	7821.87	370209	97.4604 ng/ml
EDDP	5.210	198169	338.51	42.6	1154.29	90771	102.0182 ng/ml
Fentanyl	5.036	20862	617.99	67.4	13252.57	106383	10.1558 ng/ml
Fluoxetine	5.681	123592	459.35	7.5	8642.90	42654	98.6516 ng/ml
Hydrocodone	2.968	100208	171.38	35.5	95.77	46959	107.4287 ng/ml
Hydromorphone	1.555	71751	2530.62	75.8	7865.92	21873	100.8064 ng/ml
Ketamine	3.987	209208	2308.50	37.0	319.25	90212	104.5258 ng/ml
Lorazepam	5.714	86498	9119.21	52.5	676.21	71228	96.2983 ng/ml
Methadone	5.626	434364	51065.78	49.4	2981.35	153120	100.3123 ng/ml
Methamphetamine	3.161	477934	518.79	35.7	192.68	163690	105.7959 ng/ml
Metoprolol	4.265	59556	99483.84	107.9	8963.78	286176	101.5749 ng/ml
Mitragynine	5.172	80658	59059.65	38.4	59164.13	153120	101.8538 ng/ml
Morphine	1.200	14846	1371.23	55.0	4794.85	1881	106.1005 ng/ml
Norbuprenorphine	4.925	1021	393.73	98.0	1633.23	5141	9.2335 ng/ml
Norfentanyl	4.022	48106	6029.00	37.2	182.03	184073	9.9255 ng/ml
Norhydrocodone	3.003	17716	191.18	41.8	103.34	12583	99.6238 ng/ml
O-desmethyl-tramadol	3.308	550543	1242.35	6.0	39858.46	308363	99.4200 ng/ml
o-desmethylvenlafaxine	4.000	126833	869.13	283.5	8731.18	52498	102.0563 ng/ml
Quetiapine	5.500	329651	47560.79	57.2	14675.98	47992	104.9527 ng/ml
Tramadol	4.184	578272	13395.01	3.4	288.80	286176	102.6426 ng/ml
Trazodone	5.062	364917	352.31	62.8	46013.10	119516	105.9333 ng/ml
Venlafaxine	4.983	538852	8690.64	31.6	254.41	266265	97.1671 ng/ml
Zolpidem	4.832	496795	50500.71	29.4	694.31	208614	104.8732 ng/ml



AM #28 Multi-Drug Quant. Results

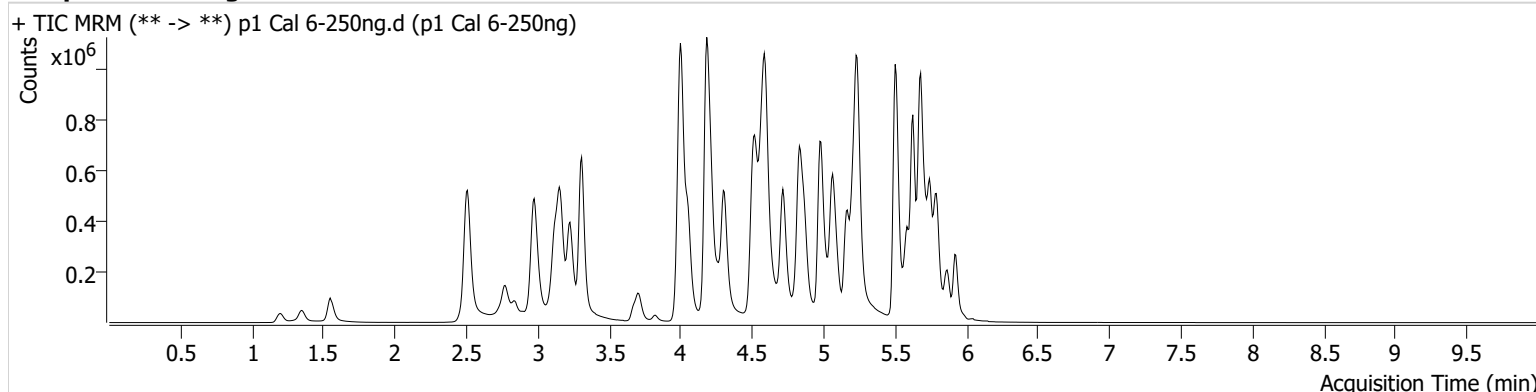
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Sample Position P4-F1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:46:48 PM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	65253	1444.95	76.0	1089.02	14772	213.9311 ng/ml
Amphetamine	2.979	1049136	189.66	46.0	38829.93	61989	204.9767 ng/ml
Bromazolam	5.781	203621	137119.70	132.5	281605.11	22729	244.6930 ng/ml
Buprenorphine	5.732	16353	6731.07	15.9	523.68	25741	25.7503 ng/ml
Citalopram	5.160	633053	971.55	37.1	1018.53	110734	257.6408 ng/ml
Clonazepam	5.571	303560	7475.57	35.8	5861.20	16945	244.1801 ng/ml
Cyclobenzaprine	5.594	472644	413.90	7.8	1435.09	62534	251.3281 ng/ml
Dihydrocodeine	2.494	166784	663.58	61.2	10686.57	40844	235.5362 ng/ml
Diphenhydramine	5.238	1595441	6685.51	33.0	340.80	350983	253.3438 ng/ml
EDDP	5.210	459495	634.56	42.2	175.40	86865	247.0198 ng/ml
Fentanyl	5.036	59135	12414.00	68.9	19121.82	120765	25.3749 ng/ml
Fluoxetine	5.681	366880	31693.53	7.8	7168.00	50269	248.6600 ng/ml
Hydrocodone	2.968	238364	178.79	38.1	330.31	50076	240.5337 ng/ml
Hydromorphone	1.555	180366	395969.93	75.3	562762.18	21629	256.4837 ng/ml
Ketamine	3.987	470373	890.20	37.2	385.77	88534	240.4960 ng/ml
Lorazepam	5.714	113331	6161.40	53.6	379.75	42249	214.4728 ng/ml
Methadone	5.626	1090372	1122.48	50.7	28227.71	153373	251.5272 ng/ml
Methamphetamine	3.161	1111812	6987.07	35.9	59446.34	170692	246.4801 ng/ml
Metoprolol	4.265	138391	1065.02	108.2	2406.39	265460	255.2506 ng/ml
Mitragynine	5.172	205511	129608.25	38.0	1717.82	153373	259.2224 ng/ml
Morphine	1.200	36357	1290.96	58.2	691.16	1941	252.2204 ng/ml
Norbuprenorphine	4.932	2778	5515.39	97.5	396.68	5105	25.2601 ng/ml
Norfentanyl	4.022	101243	393.62	38.3	540.25	150458	25.4741 ng/ml
Norhydrocodone	3.003	43487	1129.55	42.4	213.48	12531	244.5717 ng/ml
O-desmethyl-tramadol	3.308	1386811	1156.36	6.2	379.35	309189	249.5557 ng/ml
o-desmethylvenlafaxine	4.000	290452	4540.29	275.5	275970.15	48149	254.3848 ng/ml
Quetiapine	5.500	794643	182668.07	59.4	111966.80	50248	242.6423 ng/ml
Tramadol	4.184	1336195	446769.28	3.4	173.98	265460	256.7733 ng/ml
Trazodone	5.062	932143	50769.03	67.6	165713.98	129066	251.5347 ng/ml
Venlafaxine	4.983	1338609	42385.16	31.2	23469.40	258452	248.6709 ng/ml
Zolpidem	4.832	1232222	693075.38	29.3	2001.96	212622	255.9435 ng/ml



AM #28 Multi-Drug Quant. Results

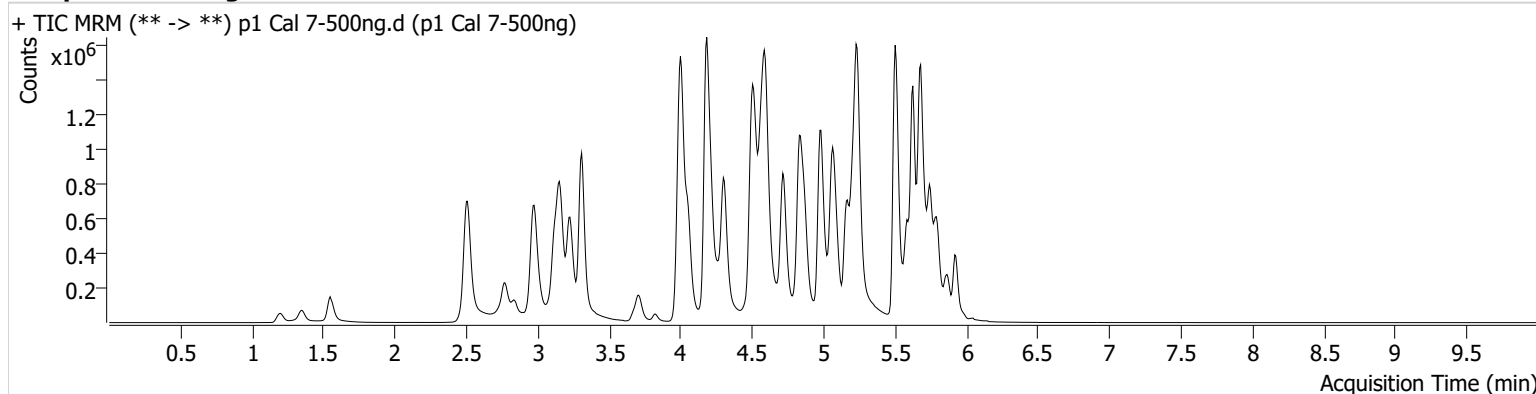
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Sample Position P4-G1
Injection Volume 2
Acq. Date-Time 11/25/2024 9:57:26 PM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.210	68142	30.19	68.5	88.24	9205	359.6743 ng/ml
Amphetamine	2.979	1493739	230.14	46.0	256.33	51674	351.4322 ng/ml
Bromazolam	5.781	276661	242944.09	130.7	259645.71	15497	488.3822 ng/ml
Buprenorphine	5.732	27935	868.04	15.6	3995.69	22897	49.4827 ng/ml
Citalopram	5.160	1014951	125348.65	39.2	627.25	94710	482.9718 ng/ml
Clonazepam	5.571	391002	441.39	35.2	195900.51	11992	445.0251 ng/ml
Cyclobenzaprine	5.594	872016	405.16	7.8	123.87	58098	498.8926 ng/ml
Dihydrocodeine	2.487	253312	20881.10	62.4	1117.60	34780	421.3102 ng/ml
Diphenhydramine	5.238	2699140	107175.62	32.8	9196.67	298658	503.5448 ng/ml
EDDP	5.210	718540	299.88	42.9	354.23	66594	503.7437 ng/ml
Fentanyl	5.036	112350	297.77	70.5	377866.81	115613	50.3680 ng/ml
Fluoxetine	5.681	670490	18059.37	7.7	∞	45203	505.4897 ng/ml
Hydrocodone	2.962	396693	169.01	37.4	387.87	41676	481.7133 ng/ml
Hydromorphone	1.548	292286	744761.68	75.5	972185.33	17999	499.6036 ng/ml
Ketamine	3.980	745276	84036.33	37.0	688.83	75516	447.4231 ng/ml
Lorazepam	5.714	130881	44213.91	54.8	791.27	23215	452.3734 ng/ml
Methadone	5.626	1974998	1917.59	49.8	5076.49	136924	510.4142 ng/ml
Methamphetamine	3.161	1786475	2511.85	35.9	32900.75	151328	453.6343 ng/ml
Metoprolol	4.265	208747	343293.24	109.1	394719.22	221053	462.7908 ng/ml
Mitragynine	5.172	348247	307117.76	37.6	107580.36	136924	492.1105 ng/ml
Morphine	1.200	56873	9133.96	55.5	312.42	1593	480.9992 ng/ml
Norbuprenorphine	4.932	5109	6193.74	91.0	265.60	4795	49.4273 ng/ml
Norfentanyl	4.022	140828	8826.07	37.9	1782.65	100797	52.8361 ng/ml
Norhydrocodone	3.003	76550	380.26	37.9	305.88	9395	573.3034 ng/ml
O-desmethyl-tramadol	3.308	2322160	521136.14	6.2	27269.81	252726	511.0806 ng/ml
o-desmethylvenlafaxine	4.000	413358	45455.19	283.5	89407.98	35175	495.2942 ng/ml
Quetiapine	5.500	1267848	50980.25	59.6	58910.53	43744	445.3414 ng/ml
Tramadol	4.184	2090194	160275.06	3.6	2132.93	221053	482.9995 ng/ml
Trazodone	5.062	1645715	173610.44	70.2	191320.43	119954	478.4561 ng/ml
Venlafaxine	4.983	2310017	783.43	31.2	623.70	215664	514.2627 ng/ml
Zolpidem	4.832	2061377	2174.37	29.1	282260.99	188370	483.7391 ng/ml



AM #28 Multi-Drug Quant. Results

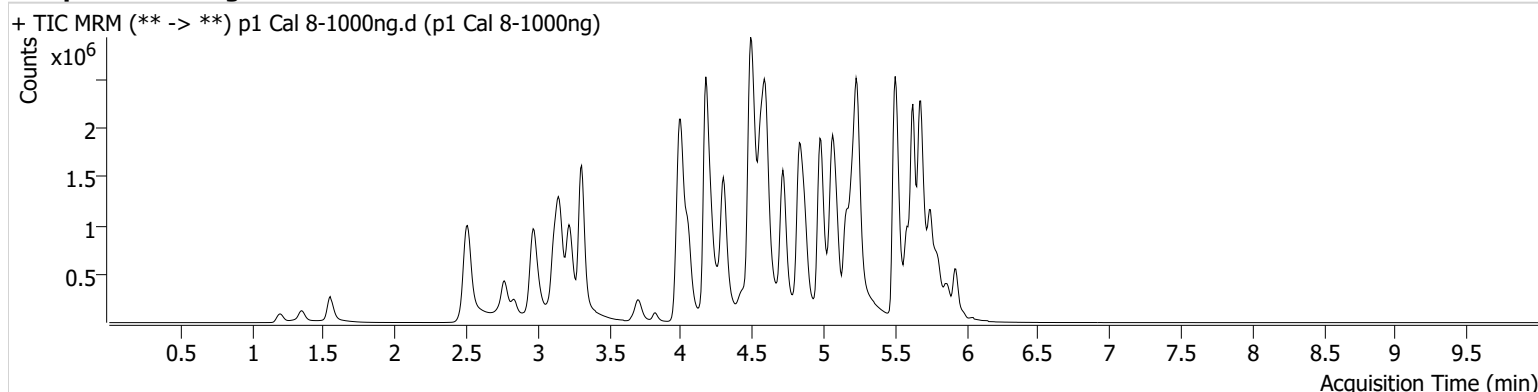
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Acq. Method AM 28 MDQ P1.m
Sample Position P4-H1
Injection Volume 2
Acq. Date-Time 11/25/2024 10:08:03 PM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
Operator Tamara Salazar
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	84453	115.35	79.3	1426.77	4107	1002.0929 ng/ml
Amphetamine	2.979	2175124	82122.23	45.9	23129.32	51455	514.7857 ng/ml
Bromazolam	5.781	364828	65725.98	133.4	514490.09	11082	901.2482 ng/ml
Buprenorphine	5.732	51251	64285.07	15.1	6652.78	21261	97.8035 ng/ml
Citalopram	5.154	1673291	∞	37.8	∞	76508	985.7010 ng/ml
Clonazepam	5.564	438002	6720.83	35.4	11151.87	8298	720.9358 ng/ml
Cyclobenzaprine	5.594	1683545	231996.04	7.7	11582.39	55089	1015.5637 ng/ml
Dihydrocodeine	2.487	440065	22768.49	61.0	745.83	35600	716.1146 ng/ml
Diphenhydramine	5.238	4624568	862.96	33.5	1217.66	256365	1004.9287 ng/ml
EDDP	5.203	1495299	1376.87	43.3	929.22	70979	983.4162 ng/ml
Fentanyl	5.036	259548	15742.11	69.9	423375.92	134888	99.7421 ng/ml
Fluoxetine	5.688	1282510	289.90	7.7	125608.31	41222	1060.3973 ng/ml
Hydrocodone	2.962	797444	∞	37.7	695.33	43496	928.5187 ng/ml
Hydromorphone	1.548	564340	1341200.04	75.1	1781137.81	17694	981.3793 ng/ml
Ketamine	3.980	1150588	283.20	37.1	710.38	69268	753.6118 ng/ml
Lorazepam	5.714	158476	12416.75	53.9	5865.52	11935	1067.4327 ng/ml
Methadone	5.626	3616425	974.17	50.8	1218.97	129283	989.9431 ng/ml
Methamphetamine	3.154	3158915	114286.71	35.5	30691.05	160443	762.2398 ng/ml
Metoprolol	4.265	322810	57629.11	107.0	217525.83	208785	758.0604 ng/ml
Mitragynine	5.172	631193	484910.26	39.7	533974.35	129283	944.7423 ng/ml
Morphine	1.200	103122	8855.42	56.8	2196.30	1470	945.4479 ng/ml
Norbuprenorphine	4.932	10757	9292.80	90.9	25241.75	4915	101.5048 ng/ml
Norfentanyl	4.022	176683	14886.46	39.4	4101.38	53740	124.2628 ng/ml
Norhydrocodone	2.996	140510	∞	43.2	∞	7379	1338.9843 ng/ml
O-desmethyl-tramadol	3.308	4309640	58266.24	6.4	674.52	236789	1012.2030 ng/ml
o-desmethylvenlafaxine	3.993	600472	31985.60	279.3	86271.75	26013	972.6236 ng/ml
Quetiapine	5.500	1954194	62278.82	61.0	22642.80	45654	658.0744 ng/ml
Tramadol	4.177	3611744	195636.92	3.4	726.81	208785	884.2475 ng/ml
Trazodone	5.062	3207488	1161544.98	72.2	123194.65	128036	874.2302 ng/ml
Venlafaxine	4.976	4265940	96138.98	32.3	37528.98	203037	1008.7521 ng/ml
Zolpidem	4.832	3851206	156820.90	29.0	523437.84	195724	870.2037 ng/ml