



















Worklist: 6851

<u>LAB_CASE</u>	<u>ITEM</u>	<u>ITEM_TYPE</u>	<u>DESCRIPTION</u>	
M2024-1982	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2024-2117	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1171	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1518	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1519	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1554	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1574	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1641	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1711	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1744	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1747	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1748	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1774	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1776	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1777	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1779	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1792	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2024-1809	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

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

Extraction Date: 06/14/2024

Plate lot#: 231215

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

Blank Blood Lot: Lampire 24C52816

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 06/15/2024

Mobile phase B: 0.01% Formic Acid in MeOH
Ethyl Acetate LC Methanol

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

Pre-Analytic:

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

Analytic:

- 1. Remove standards, plate, controls, and samples from cold storage. Allow to reach room temperature.
- 2. Using a calibrated pipette, pipette **250µL blood** into the appropriate wells of the analytical (standards) plate.
Pipette ID: 16
- 3. Pipette **250µL of 0.5 M ammonium hydroxide** in wells of analytical plate.
- 4. Place on shaking incubator at ambient temp., 900rpm for 15 minutes.
- 5. Transfer **300L of blood+base** mixture to corresponding wells of SLE+ plate.
- 6. 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). Manifold ID: 067104
- 7. Wait 5 minutes.
- 8. Add **900uL ethyl acetate**.
- 9. Wait 5 minutes.
- 10. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 11. Add **900uL ethyl acetate**.
- 12. Wait 5 minutes.
- 13. Apply positive pressure for approx. 15 seconds. *(10-15 PSI- Selector to the left)*.
- 14. Remove plate containing eluate.
- 15. Add 50µl of 1% HCl in MeOH to all wells in the run and place ACT cover on top of plate prior to drying.
- 16. Place on SPE Dry and evaporate to dryness at approx. 35°C.
- 17. 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: Cals 6 and 7 were reinjected due to lowered ISTD responses for some compounds.

Compounds included in central files:

7-aminoclonazepam

Alprazolam

Amphetamine--calibrators 6, 7 and 8 dropped due to accuracy/linearity- QUALITATIVE only

Bromazolam

Buprenorphine



Bupropion
Citalopram
Clonazepam 5-500 --calibrator 8 dropped due to accuracy
Dextromethorphan
Dextrophan
Diphenhydramine-- Qualitative only due to QC 100 (reinject end bracket)
EDDP
Fentanyl
Fluorofentanyl
Fluoxetine
Hydroxyzine
Ketamine 5-500 --calibrator 8 dropped due to accuracy
Lamotrigine 5-250 --calibrators 7 and 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
Mirtazapine
Mitragynine
Norbuprenorphine
Norfentanyl 0.5-50 --calibrator 8 dropped due to accuracy
Promethazine
Pseudoephedrine
Quetiapine 5-250 --calibrators 7 and 8 dropped due to accuracy/linearity
Sertraline

AM #28 Multi-Drug Quant. Results



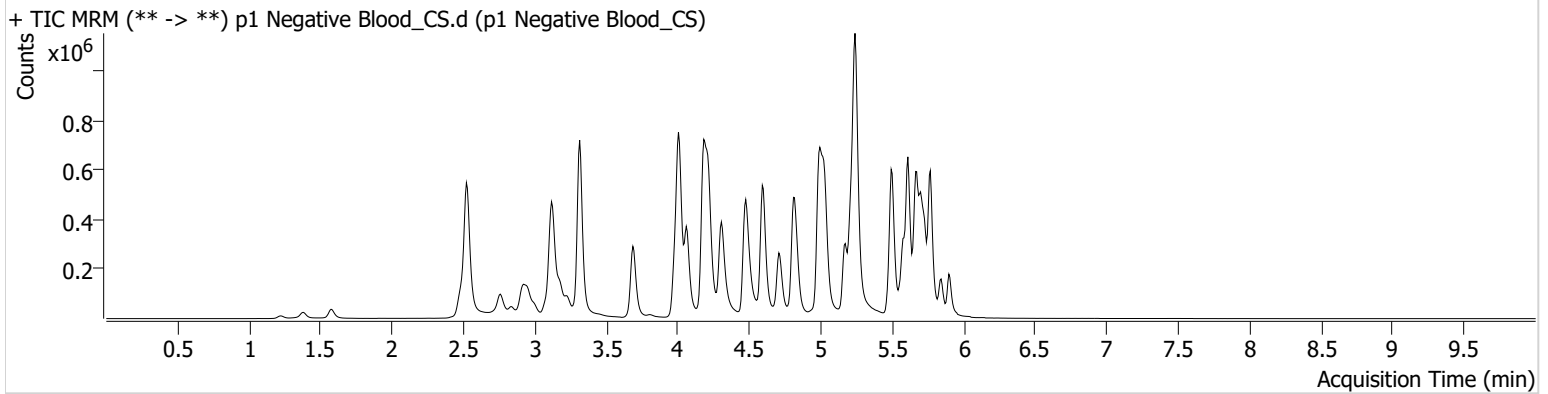
Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F2
Injection Volume 2
Acq. Date-Time 6/15/2024 11:40:43 PM
Sample Info.

Data File p1 Negative Blood_CS.d
Sample p1 Negative Blood_CS
Operator Celena Shrum
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





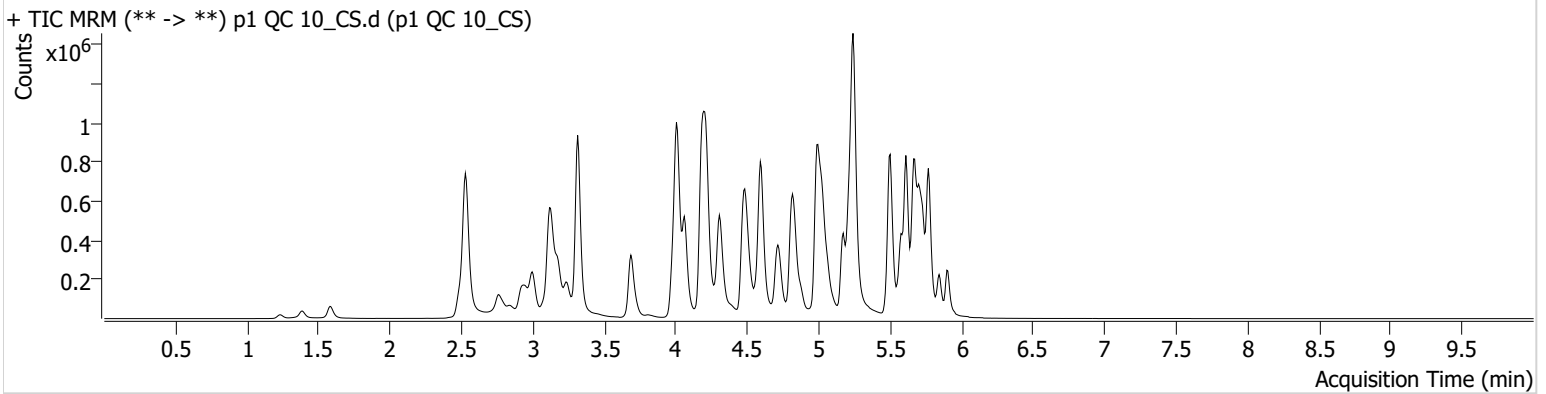
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 QC 10_CS.d
Type QC **Sample** p1 QC 10_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A2 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 10:36:51 PM
Sample Info.

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	4.217	69565	281.88	76.6	1632.41	320297	10.5190 ng/ml
Alprazolam	5.734	104963	448.27	103.8	600.20	413178	9.4718 ng/ml
Amphetamine	2.999	357338	74.20	48.7	943.01	460446	9.6354 ng/ml
Bromazolam	5.773	54473	18468.74	112.7	86823.68	247201	9.7693 ng/ml
Buprenorphine	5.710	4469	371.68	15.8	91.03	182036	0.9595 ng/ml
Bupropion	4.731	233035	613.64	61.8	42409.73	770781	9.2005 ng/ml
Citalopram	5.173	164431	499.59	36.2	174.35	798589	9.2862 ng/ml
Clonazepam	5.570	109292	1461.15	36.8	877.06	163027	10.2495 ng/ml
Dextromethorphan	5.230	95242	140.77	84.2	103.43	504880	9.4071 ng/ml
Dextrorphan	4.068	65533	8012.11	208.2	4946.94	844131	9.5177 ng/ml
Diphenhydramine	5.244	393063	189.94	31.2	486.77	2801750	8.2200 ng/ml
EDDP	5.215	141985	3904.10	42.7	476.86	772219	9.2824 ng/ml
Fentanyl	5.042	15773	128.99	76.6	113.56	821240	0.9443 ng/ml
Fluorofentanyl	5.103	38377	649.06	43.1	13133.79	9787	0.9771 ng/ml
Fluoxetine	5.666	126442	1140.37	7.6	6330.45	556702	9.2585 ng/ml
Hydroxyzine	5.656	181356	2763.21	68.8	2026.23	504880	9.2276 ng/ml
Ketamine	3.994	140044	4436.11	35.3	755.84	657872	9.6468 ng/ml
Lamotrigine	4.218	13803	781.19	83.6	5505.96	1884664	9.9771 ng/ml
Lorazepam	5.706	74077	3401.06	53.0	41.62	604119	9.8452 ng/ml
Methadone	5.618	251437	331.89	55.7	2725.70	1205999	9.2437 ng/ml
Methamphetamine	3.182	499994	301.50	36.9	3586.93	1134335	9.6670 ng/ml
Metoprolol	4.272	42754	273.87	104.1	628.71	1776301	10.4537 ng/ml
Mirtazapine	4.580	279743	1229.12	55.1	379.07	908190	9.9690 ng/ml
Mitragynine	5.177	54104	1324.36	33.8	19925.04	1205999	9.2559 ng/ml
Norbuprenorphine	4.944	874	1298.88	101.9	9.82 Low	30719	1.0773 ng/ml
Norfentanyl	4.028	32455	193.49	37.4	196.95	1506495	0.9717 ng/ml
Promethazine	5.503	234952	3964.88	29.2	164.92	1258688	9.9162 ng/ml
Pseudoephedrine	2.538	396908	370.86	16.2	2435.17	1884664	9.5683 ng/ml
Quetiapine	5.498	204518	733.88	55.9	101.99	293833	10.3219 ng/ml
Sertraline	5.735	33708	114.95	88.7	400.19	138661	10.6844 ng/ml



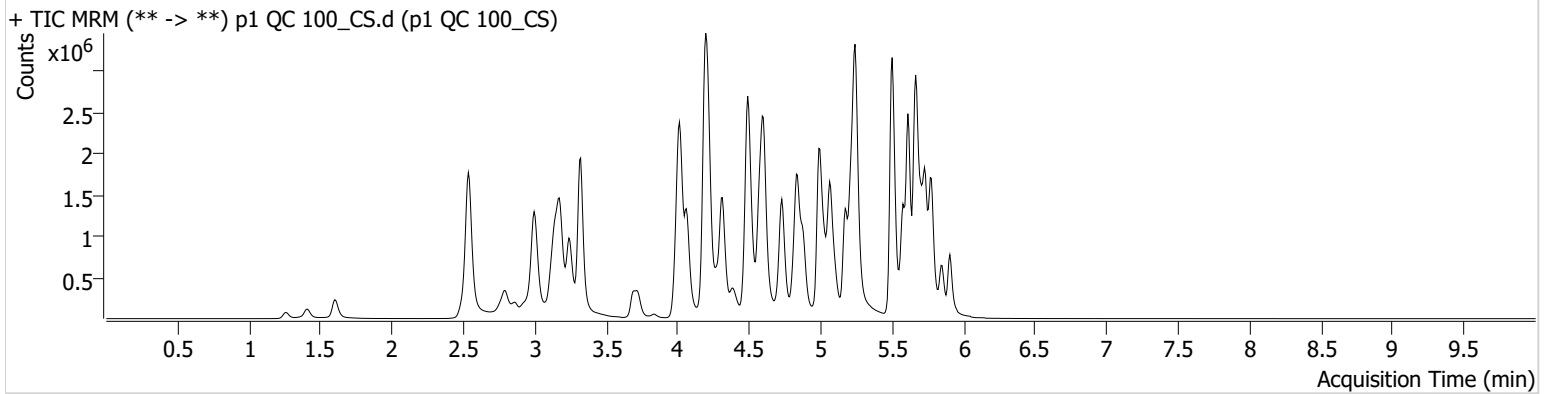
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 QC 100_CS.d
Type QC **Sample** p1 QC 100_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 6/16/2024 6:25:26 AM
Sample Info.

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	4.217	544965	15948.89	75.2	624.43	249874	110.0414 ng/ml
Alprazolam	5.734	861049	428.00	103.3	2472.58	330522	96.3704 ng/ml
Amphetamine	2.999	2687708	13513.59	47.7	34954.33	415332	84.9663 ng/ml
Bromazolam	5.766	389348	13508.50	118.5	69571.04	185038	95.5939 ng/ml
Buprenorphine	5.717	44971	40529.56	14.2	5113.91	168155	10.2548 ng/ml
Bupropion	4.731	2149764	2748.22	62.3	1193.63	701063	91.4382 ng/ml
Citalopram	5.173	1502018	19942.23	35.6	974.60	697037	92.2907 ng/ml
Clonazepam	5.570	790704	24051.07	36.6	505661.93	123926	103.1081 ng/ml
Dextromethorphan	5.223	885474	17685.86	81.3	1657012.67	453506	93.3499 ng/ml
Dextrorphan	4.068	577224	1582.57	211.0	755.12	720463	95.0774 ng/ml
Diphenhydramine	5.244	3649328	549.06	30.7	1549.99	2452242	80.0968 ng/ml
EDDP	5.215	1300758	22719.68	42.2	14908.01	699048	89.8652 ng/ml
Fentanyl	5.049	156130	6459.21	75.8	252.73	809023	9.7293 ng/ml
Fluorofentanyl	5.103	390550	642.40	42.6	254.12	9315	8.0886 ng/ml
Fluoxetine	5.666	1377582	2069.41	8.0	289484.15	587420	88.9627 ng/ml
Hydroxyzine	5.656	1745986	84193.52	72.5	605.81	453506	90.2687 ng/ml
Ketamine	3.994	1178040	307.24	36.0	610.17	573544	99.8333 ng/ml
Lamotrigine	4.225	104314	898.63	88.6	141735.65	1554509	97.4085 ng/ml
Lorazepam	5.706	348322	1108.03	53.6	1147.79	318656	91.8433 ng/ml
Methadone	5.611	2464319	880.20	53.7	4955.30	1117774	90.1005 ng/ml
Methamphetamine	3.182	2727815	1191.08	36.7	539.58	1028831	100.7772 ng/ml
Metoprolol	4.272	376660	235756.03	102.9	4266.02	1629231	102.0171 ng/ml
Mirtazapine	4.573	2559204	615213.90	54.4	1709.22	800791	99.7574 ng/ml
Mitragynine	5.177	524582	4176.19	33.8	173205.47	1117774	95.2134 ng/ml
Norbuprenorphine	4.944	5850	4292.87	90.6	291.91	28939	9.9378 ng/ml
Norfentanyl	4.028	268298	253441.89	37.0	1330.28	1153504	9.5159 ng/ml
Promethazine	5.503	2482677	149174.90	30.3	5051.31	1301264	93.7351 ng/ml
Pseudoephedrine	2.545	3375179	3578.74	16.4	90.65	1554509	94.3843 ng/ml
Quetiapine	5.498	1796230	52123.57	57.7	477.12	281407	98.5138 ng/ml
Sertraline	5.735	433550	596.06	88.2	1234.53	185275	100.1005 ng/ml



AM #28 Multi-Drug Quant. Results

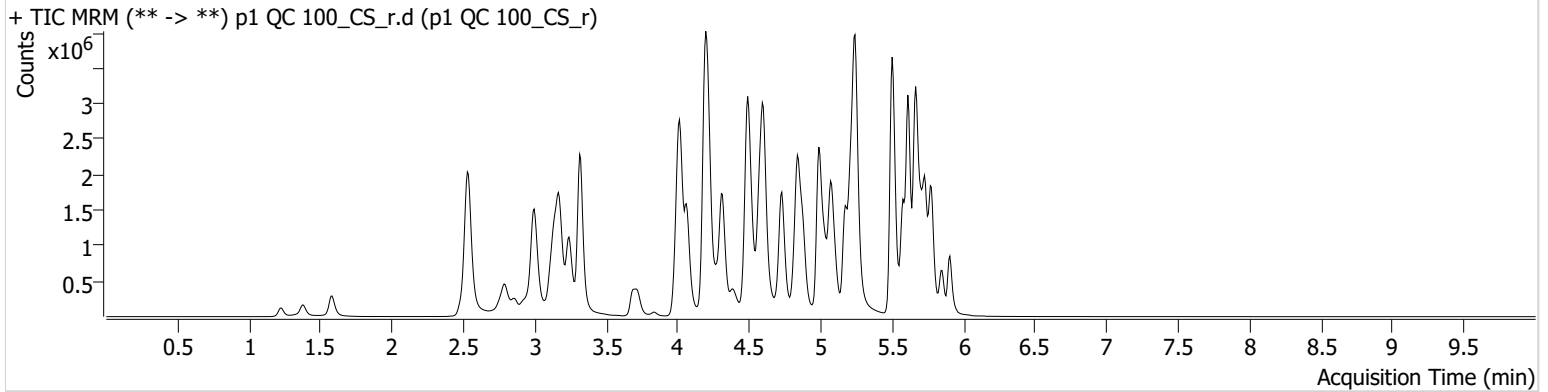
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Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 QC 100_CS_r.d
Type QC **Sample** p1 QC 100_CS_r
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B2 **Comment**
Injection Volume 2
Acq. Date-Time 6/17/2024 4:59:18 PM
Sample Info.

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.

End bracket for reinjected calibrators

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	614221	447.02	78.8	20251.58	288385	107.4519 ng/ml
Alprazolam	5.734	1009919	892.63	110.3	1974.00	414451	90.1478 ng/ml
Amphetamine	2.999	3051875	71967.03	49.1	3797.01	486535	82.3398 ng/ml
Bromazolam	5.766	427646	193747.38	115.7	617526.84	203393	95.5219 ng/ml
Buprenorphine	5.731	50922	3000.34	14.7	6660.97	203245	9.6083 ng/ml
Bupropion	4.731	2673650	19590.12	61.8	1207.44	869837	91.6554 ng/ml
Citalopram	5.173	1777799	84108.29	39.5	3883.47	830451	91.6903 ng/ml
Clonazepam	5.570	982678	12132.56	35.7	9099.12	141210	112.5159 ng/ml
Dextromethorphan	5.223	1049300	654.31	81.3	263.53	550100	91.2066 ng/ml
Dextrorphan	4.068	707660	1955.03	211.2	1785.55	887239	94.6533 ng/ml
Diphenhydramine	5.244	4414914	28150.17	30.7	1066.85	2982397	79.6790 ng/ml
EDDP	5.215	1686454	18993.30	42.7	782.13	916745	88.8490 ng/ml
Fentanyl	5.049	184758	373.60	80.9	3547.50	950234	9.8025 ng/ml
Fluorofentanyl	5.103	468793	42556.62	41.3	7280.47	9307	9.6689 ng/ml
Fluoxetine	5.666	1268466	6132.71	8.1	235.46	539253	89.2309 ng/ml
Hydroxyzine	5.656	2070663	951.12	74.0	13455.10	550100	88.2764 ng/ml
Ketamine	3.994	1402745	1924.69	37.9	6140.24	699958	97.3878 ng/ml
Lamotrigine	4.225	125570	906.64	86.4	8351.63	1852959	98.3790 ng/ml
Lorazepam	5.699	409160	14433.70	50.9	675.17	365661	94.0284 ng/ml
Methadone	5.611	3317403	9935.18	47.4	63750.18	1429644	94.7900 ng/ml
Methamphetamine	3.175	3224275	2392.78	38.1	762.59	1232486	99.3222 ng/ml
Metoprolol	4.272	451999	1219770.28	101.0	3123.46	1913923	104.2163 ng/ml
Mirtazapine	4.573	3238865	952.98	50.2	281.68	975096	103.6670 ng/ml
Mitragynine	5.177	626507	42849.89	34.4	331450.78	1429644	88.9185 ng/ml
Norbuprenorphine	4.944	7220	4589.26	90.2	207.23	32805	10.8537 ng/ml
Norfentanyl	4.028	304433	1978.58	38.0	1255.52	1293348	9.6288 ng/ml
Promethazine	5.503	2722610	5452.20	29.0	897.99	1385616	96.5115 ng/ml
Pseudoephedrine	2.538	4011740	29552.07	16.1	120.31	1852959	94.1172 ng/ml
Quetiapine	5.498	2294419	64674.67	58.1	872.08	363099	97.5207 ng/ml
Sertraline	5.735	311705	807.56	89.6	3048.26	139924	95.3094 ng/ml



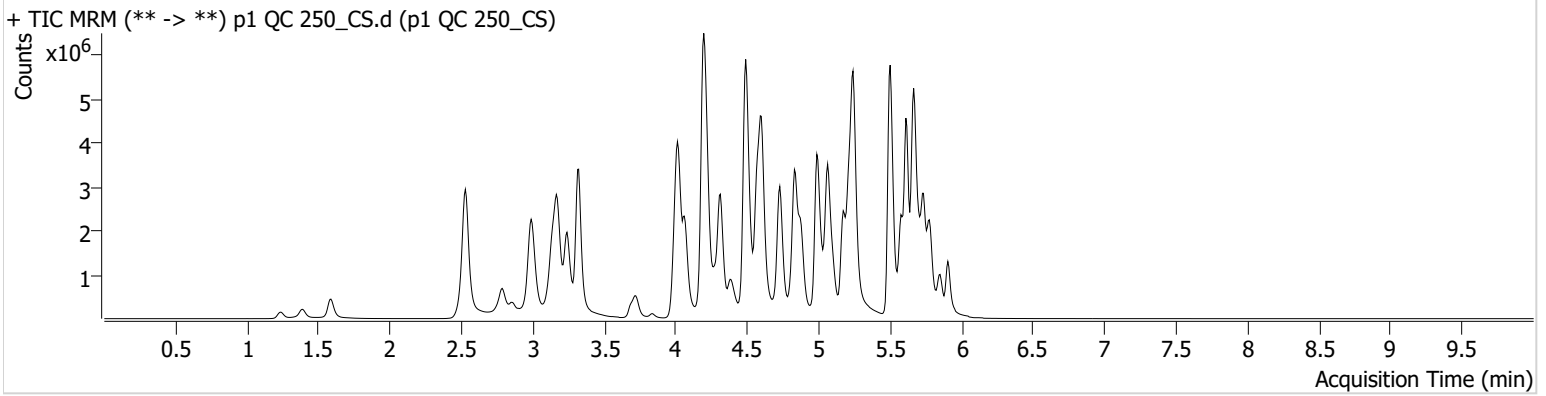
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 QC 250_CS.d
Type QC **Sample** p1 QC 250_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-C2 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 10:58:09 PM
Sample Info.

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	4.217	864280	21496.44	78.2	18191.16	178350	245.1022 ng/ml
Alprazolam	5.734	1583023	1015.72	101.5	1348.50	235482	248.5527 ng/ml
Amphetamine	2.992	4941062	67065.04	46.1	710.17	372161	174.9829 ng/ml
Bromazolam	5.766	665014	3183.52	115.7	880629.47	126370	239.4849 ng/ml
Buprenorphine	5.717	100106	93304.87	13.8	278.60	155476	24.6607 ng/ml
Bupropion	4.731	4874486	1377.07	61.9	2944.54	631700	229.7861 ng/ml
Citalopram	5.173	3149998	738380.87	35.6	1275.48	590065	227.8747 ng/ml
Clonazepam	5.570	1232679	50746.91	36.3	6850.17	84667	236.1109 ng/ml
Dextromethorphan	5.223	1798683	97655.32	79.9	441.57	371822	230.6468 ng/ml
Dextrorphan	4.068	1244654	1290.37	210.0	1454.88	597897	246.5004 ng/ml
Diphenhydramine	5.244	7873491	100251.27	31.0	46870.61	2037641	206.7929 ng/ml
EDDP	5.215	2994817	27479.33	40.6	1345.49	635662	226.8494 ng/ml
Fentanyl	5.042	361845	431.67	75.8	3080.63	742324	24.6151 ng/ml
Fluorofentanyl	5.103	942724	43638.09	42.7	344326.67	8006	22.2786 ng/ml
Fluoxetine	5.673	2787432	33751.87	7.7	561.86	462670	227.4292 ng/ml
Hydroxyzine	5.656	3781944	770.04	74.0	756.67	371822	237.0256 ng/ml
Ketamine	3.994	2460322	4074.15	35.6	867.44	505020	237.8625 ng/ml
Lamotrigine	4.225	194354	2811.64	84.8	28340.35	1266524	223.7019 ng/ml
Lorazepam	5.706	435879	68884.48	55.5	2289.02	175889	208.8698 ng/ml
Methadone	5.618	5490186	2370.72	54.0	∞	946171	235.8347 ng/ml
Methamphetamine	3.175	5734024	30746.77	36.4	33313.72	946521	241.1823 ng/ml
Metoprolol	4.272	770630	1357.01	105.1	3922.11	1353553	251.5063 ng/ml
Mirtazapine	4.573	5654436	129048.80	53.3	2832.30	720696	244.3341 ng/ml
Mitragynine	5.177	1187710	3590.69	34.6	441389.05	946171	254.3852 ng/ml
Norbuprenorphine	4.944	13602	41185.15	97.1	105.84	27812	24.5754 ng/ml
Norfentanyl	4.035	499453	8914.17	37.5	324.28	835280	24.3068 ng/ml
Promethazine	5.503	5807842	1550.38	29.6	1363.75	1159187	244.8116 ng/ml
Pseudoephedrine	2.532	7013810	445139.38	16.0	44011.92	1266524	240.0237 ng/ml
Quetiapine	5.498	3551118	537.46	59.0	552.76	244711	224.5672 ng/ml
Sertraline	5.735	920671	738.29	89.8	28470.57	160456	244.9875 ng/ml



AM #28 Multi-Drug Quant. Results

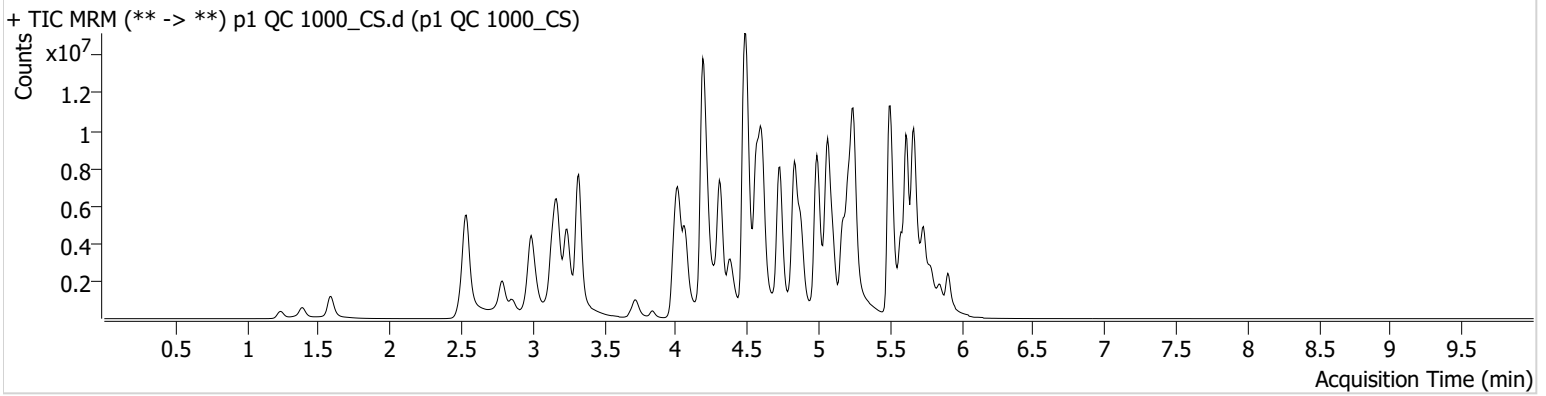
Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D2
Injection Volume 2
Acq. Date-Time 6/15/2024 11:19:25 PM
Sample Info.

Data File p1 QC 1000_CS.d
Sample p1 QC 1000_CS
Operator Celena Shrum

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

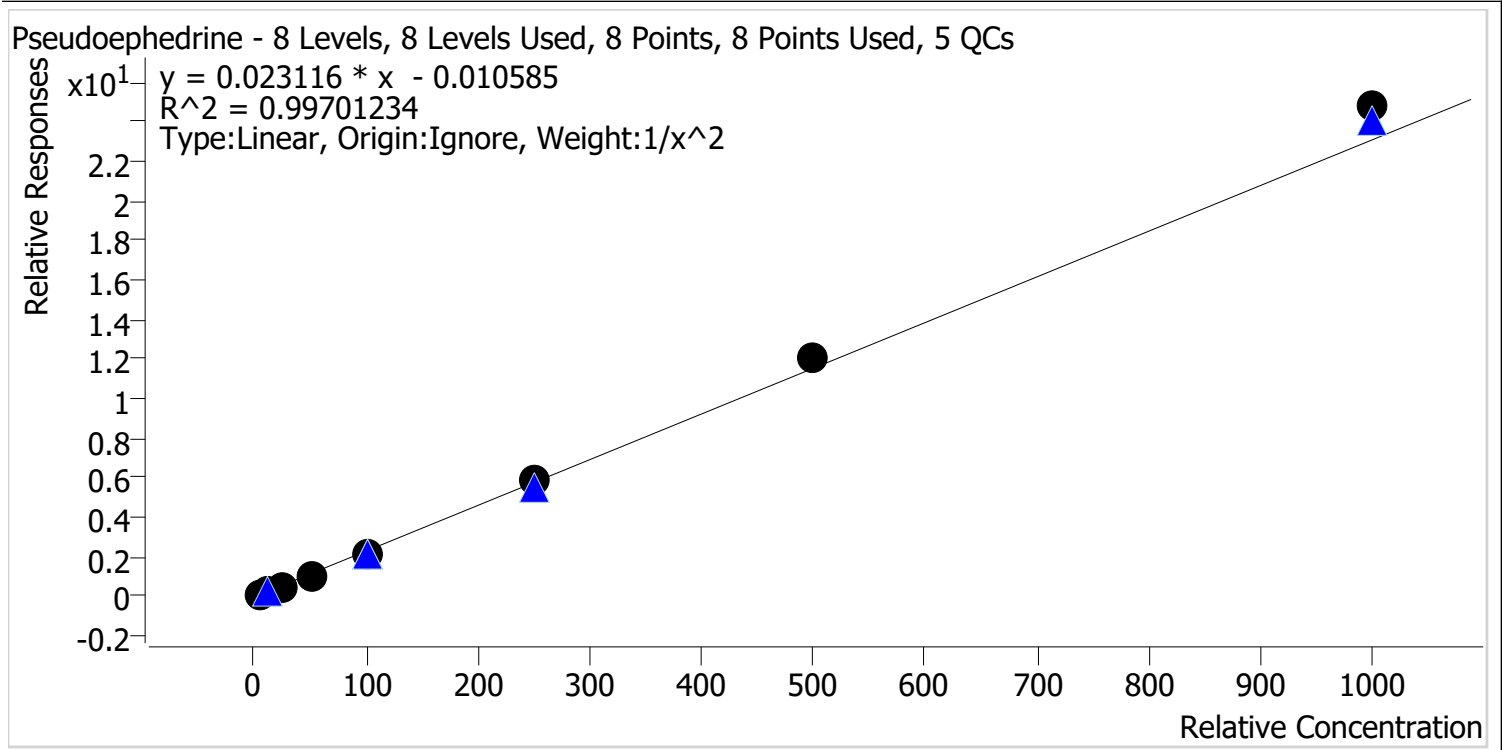


Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.230	1006374	11499.38	76.6	9594.36	56916	895.6102 ng/ml
Alprazolam	5.734	3214594	174.21	101.5	203.68	124938	951.0770 ng/ml
Amphetamine	2.992	9897579	42610.46	47.1	75199.61	286919	455.6552 ng/ml
Bromazolam	5.766	1111304	1982.94	123.7	167614.01	56957	888.6581 ng/ml
Buprenorphine	5.710	231676	483449.51	14.3	50986.46	94928	93.4196 ng/ml
Bupropion	4.731	14839831	499976.61	60.9	176741.24	491760	898.0343 ng/ml
Citalopram	5.166	7225021	∞	34.3	35468.87	322927	953.3886 ng/ml
Clonazepam	5.563	1605140	12097.30	36.4	1738.59	36757	709.5076 ng/ml
Dextromethorphan	5.223	4044226	36780.06	81.0	38469.96	205442	937.2669 ng/ml
Dextrorphan	4.068	3077829	11553.92	220.1	1869.14	366303	993.9206 ng/ml
Diphenhydramine	5.244	19667304	364231.77	31.8	1437.42	1235489	849.6215 ng/ml
EDDP	5.209	9123684	146464.78	40.0	1323.66	444144	987.5986 ng/ml
Fentanyl	5.042	1118830	5530.67	78.0	1239499.08	572002	98.8530 ng/ml
Fluorofentanyl	5.096	3381992	142683.49	42.5	159595.59	6790	93.4515 ng/ml
Fluoxetine	5.673	5078662	314258.94	7.6	285.27	193731	987.2249 ng/ml
Hydroxyzine	5.656	9181737	958673.68	78.1	247037.71	205442	1038.4647 ng/ml
Ketamine	3.987	5415501	∞	34.8	35670.29	360302	735.4903 ng/ml
Lamotrigine	4.232	289636	19019.54	90.2	27591.19	742220	569.9979 ng/ml
Lorazepam	5.706	597551	14853.09	55.6	6939.32	48046	1050.3231 ng/ml
Methadone	5.618	14555803	9718.45	55.5	1669.60	613528	961.7879 ng/ml
Methamphetamine	3.168	15566226	139625.68	34.3	107556.75	840576	754.7466 ng/ml
Metoprolol	4.272	1641878	494.43	106.3	324024.98	993309	730.5440 ng/ml
Mirtazapine	4.566	15227854	1063484.92	53.7	207684.28	510085	928.6010 ng/ml
Mitragynine	5.177	2965899	237627.33	35.3	1428833.91	613528	979.1686 ng/ml
Norbuprenorphine	4.944	43705	46602.66	93.2	3134.58	22165	100.2104 ng/ml
Norfentanyl	4.035	800981	923308.73	38.4	410.85	248811	130.4270 ng/ml
Promethazine	5.503	15419901	165726.20	28.8	21083.03	721308	1041.8566 ng/ml
Pseudoephedrine	2.538	17882446	247632.93	15.4	143932.73	742220	1042.7236 ng/ml
Quetiapine	5.492	7988760	190485.06	58.5	138795.79	195623	632.8212 ng/ml
Sertraline	5.742	1485319	96254.45	87.2	15606.77	59401	1066.5673 ng/ml



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3

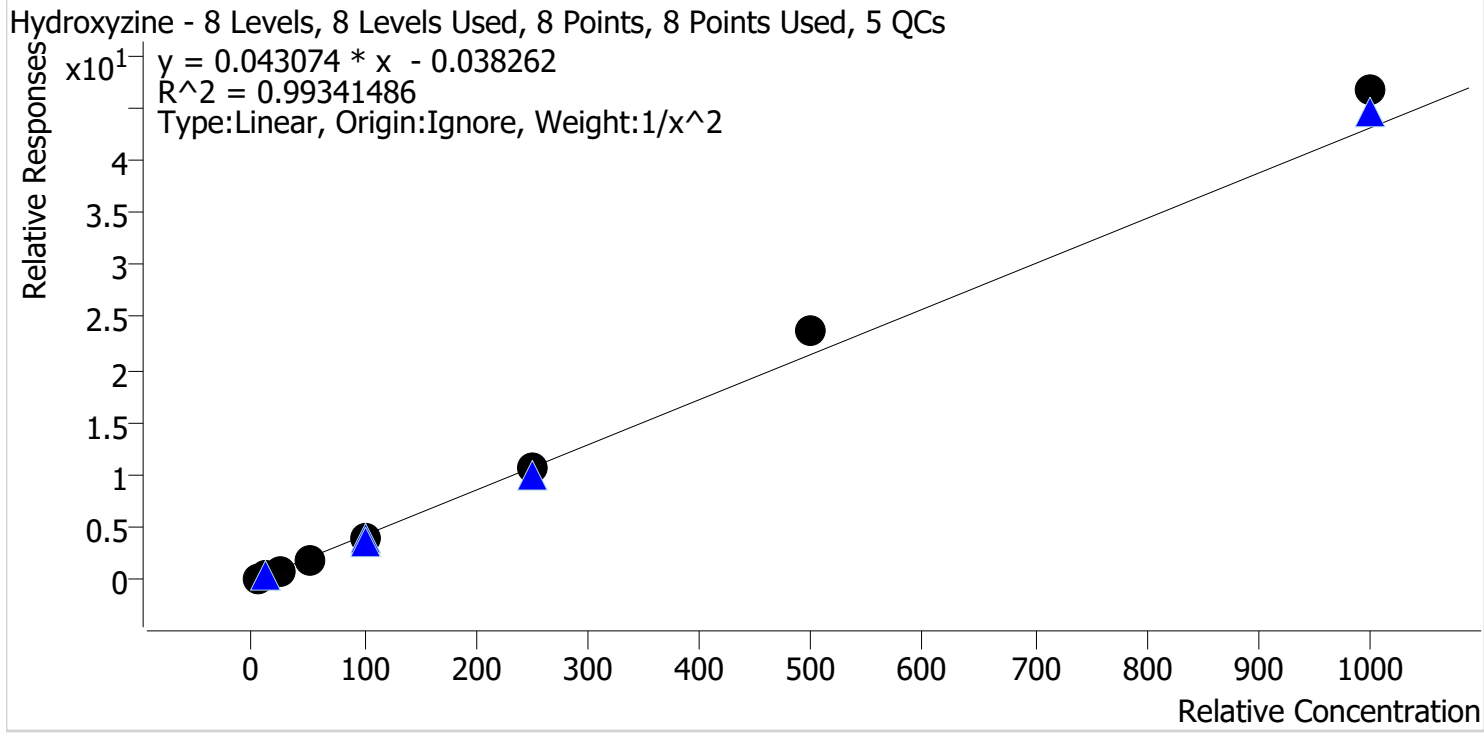


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	102.9
p1 Cal 2-10ng_CS	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng_CS	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng_CS	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng_CS	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng_CS_r	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng_CS_r	7	✓	500.0	522.9	104.6
p1 Cal 8-1000ng_CS	8	✓	1000.0	1073.5	107.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3

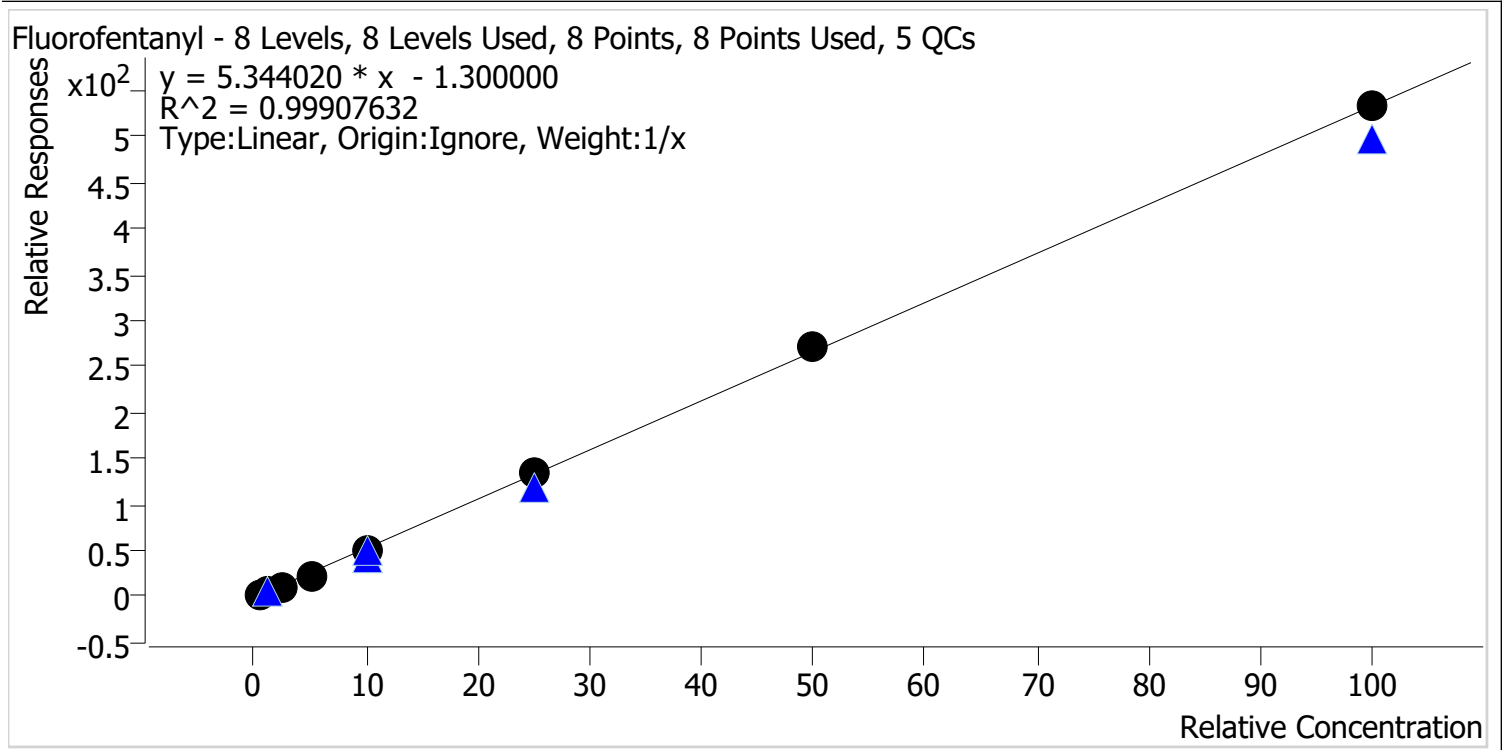


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.2	104.5
p1 Cal 2-10ng_CS	2	✓	10.0	9.4	94.4
p1 Cal 3 -25ng_CS	3	✓	25.0	24.1	96.6
p1 Cal 4-50ng_CS	4	✓	50.0	46.0	92.0
p1 Cal 5-100ng_CS	5	✓	100.0	93.1	93.1
p1 Cal 6-250ng_CS_r	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng_CS_r	7	✓	500.0	551.0	110.2
p1 Cal 8-1000ng_CS	8	✓	1000.0	1083.1	108.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	0.5	0.6	118.6
p1 Cal 2-10ng_CS	2	✓	1.0	1.0	103.1
p1 Cal 3 -25ng_CS	3	✓	2.5	2.3	92.7
p1 Cal 4-50ng_CS	4	✓	5.0	4.5	89.8
p1 Cal 5-100ng_CS	5	✓	10.0	9.3	92.8
p1 Cal 6-250ng_CS_r	6	✓	25.0	25.1	100.5
p1 Cal 7-500ng_CS_r	7	✓	50.0	51.2	102.4
p1 Cal 8-1000ng_CS	8	✓	100.0	100.0	100.0



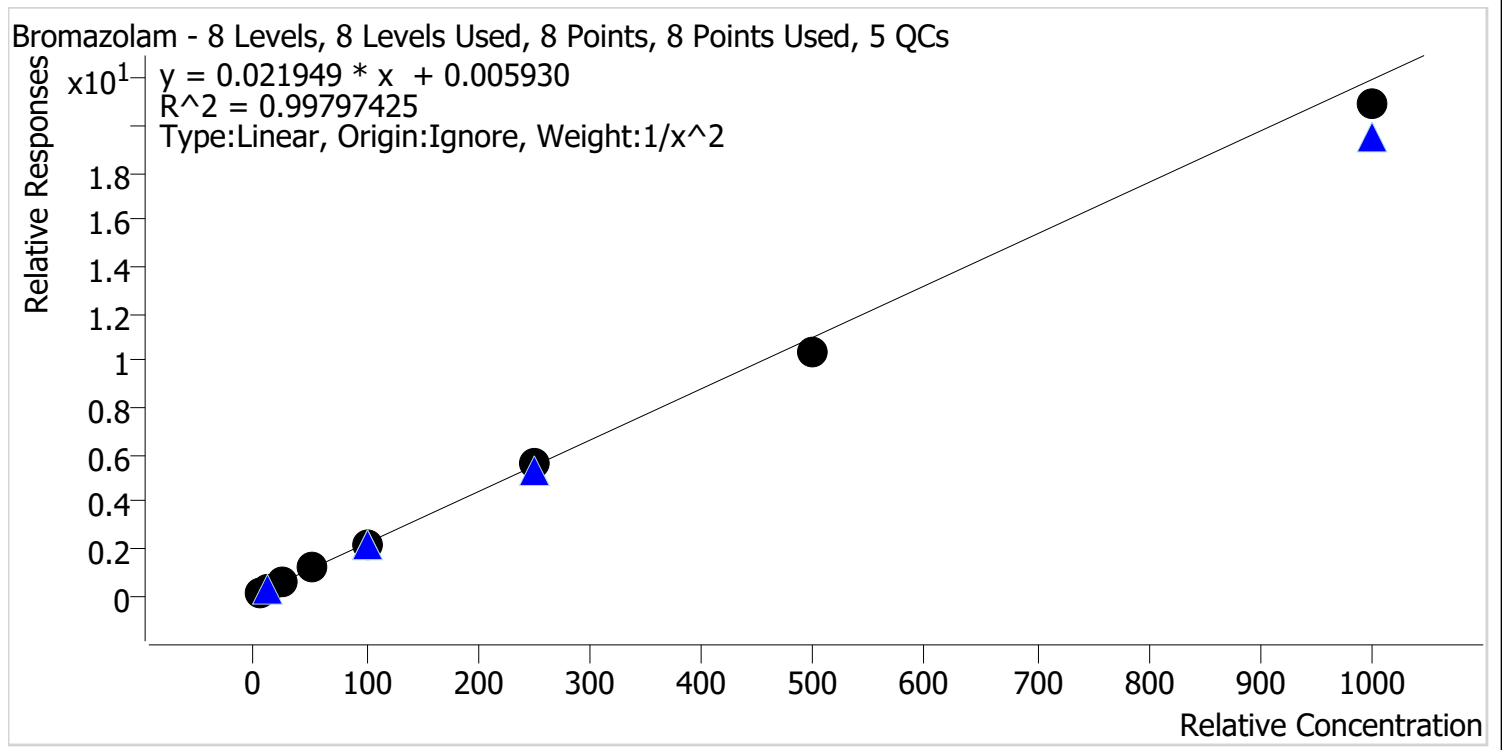
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
Cases.batch.bin

Last Cal. Update 6/20/2024 7:51 AM

Analyst Name ISP\Datastor

Analyte Bromazolam **Internal Standard** Bromazolam-D5

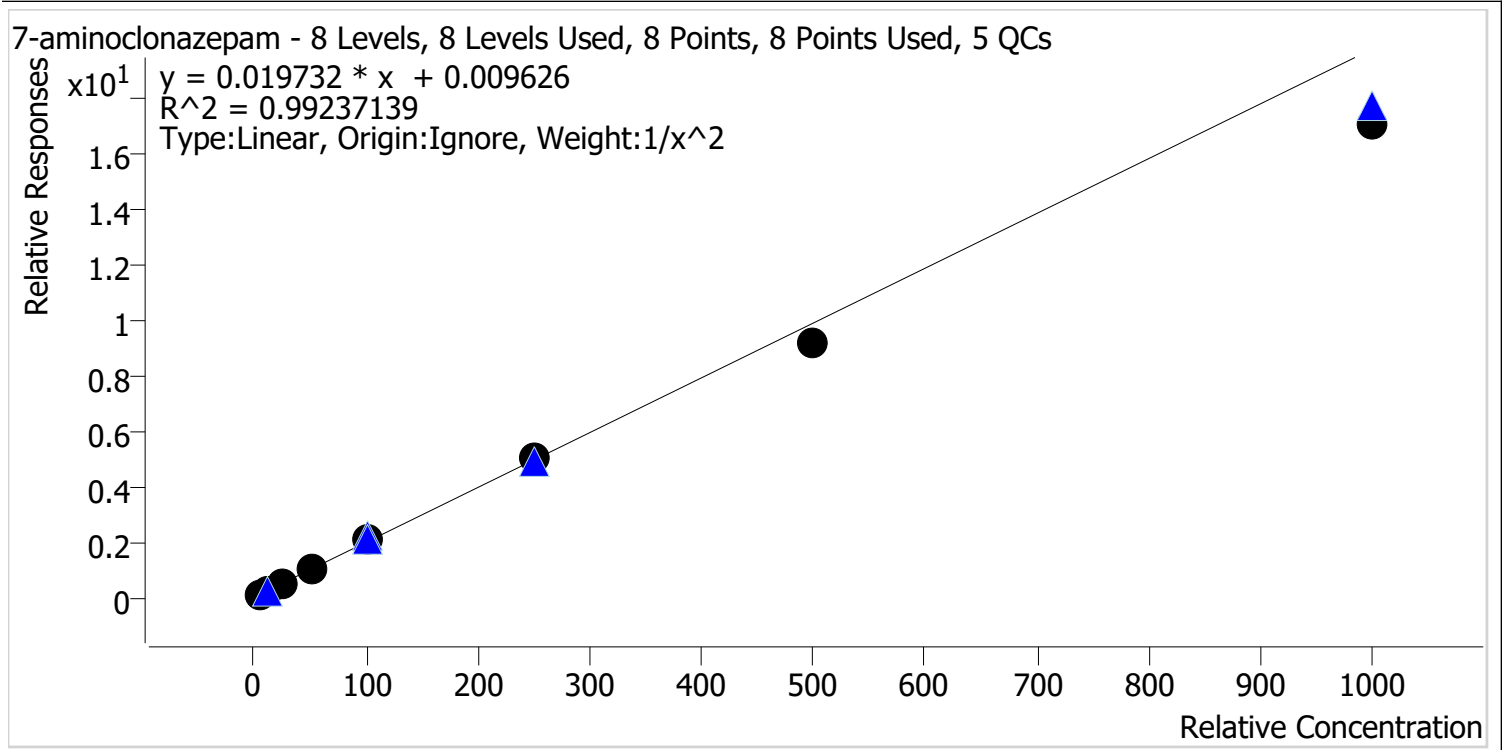


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng_CS	2	✓	10.0	10.3	102.8
p1 Cal 3 -25ng_CS	3	✓	25.0	25.9	103.6
p1 Cal 4-50ng_CS	4	✓	50.0	52.1	104.1
p1 Cal 5-100ng_CS	5	✓	100.0	99.7	99.7
p1 Cal 6-250ng_CS_r	6	✓	250.0	256.9	102.7
p1 Cal 7-500ng_CS_r	7	✓	500.0	471.6	94.3
p1 Cal 8-1000ng_CS	8	✓	1000.0	951.9	95.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4

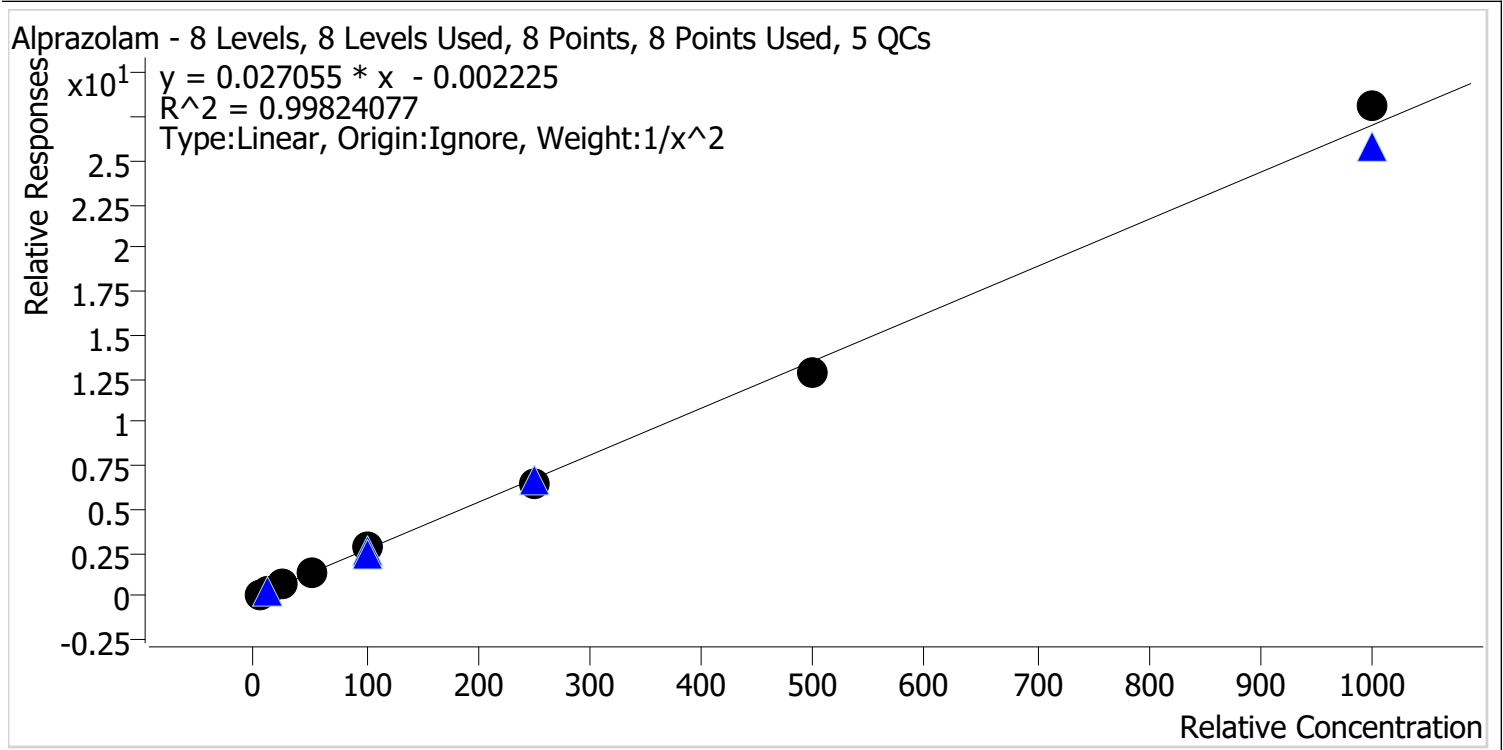


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng_CS	2	✓	10.0	10.4	104.4
p1 Cal 3 -25ng_CS	3	✓	25.0	26.3	105.3
p1 Cal 4-50ng_CS	4	✓	50.0	54.2	108.3
p1 Cal 5-100ng_CS	5	✓	100.0	104.8	104.8
p1 Cal 6-250ng_CS_r	6	✓	250.0	255.4	102.2
p1 Cal 7-500ng_CS_r	7	✓	500.0	466.1	93.2
p1 Cal 8-1000ng_CS	8	✓	1000.0	859.8	86.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

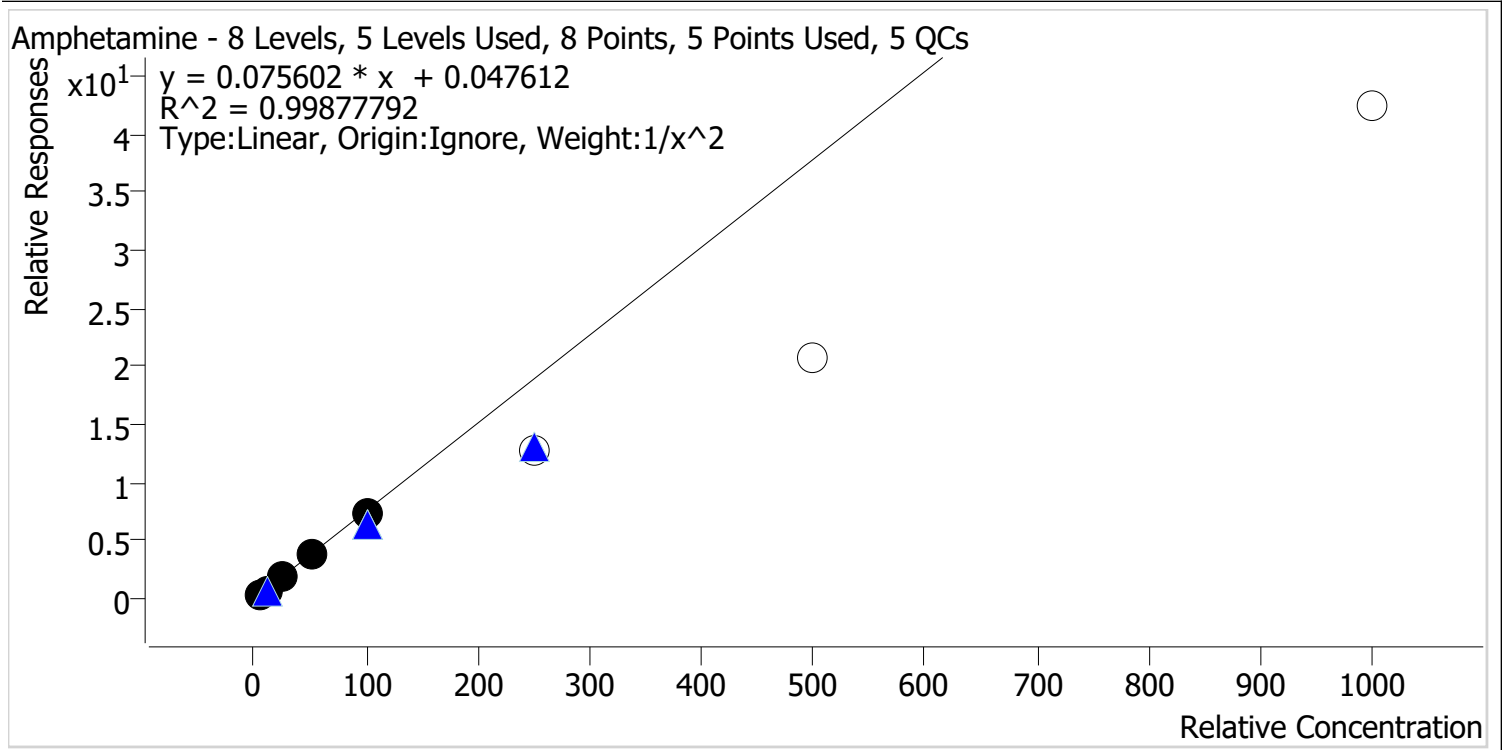


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng_CS	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng_CS	3	✓	25.0	24.7	98.8
p1 Cal 4-50ng_CS	4	✓	50.0	51.4	102.9
p1 Cal 5-100ng_CS	5	✓	100.0	104.4	104.4
p1 Cal 6-250ng_CS_r	6	✓	250.0	236.9	94.8
p1 Cal 7-500ng_CS_r	7	✓	500.0	477.7	95.5
p1 Cal 8-1000ng_CS	8	✓	1000.0	1040.0	104.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Amphetamine **Internal Standard** Amphetamine-D11

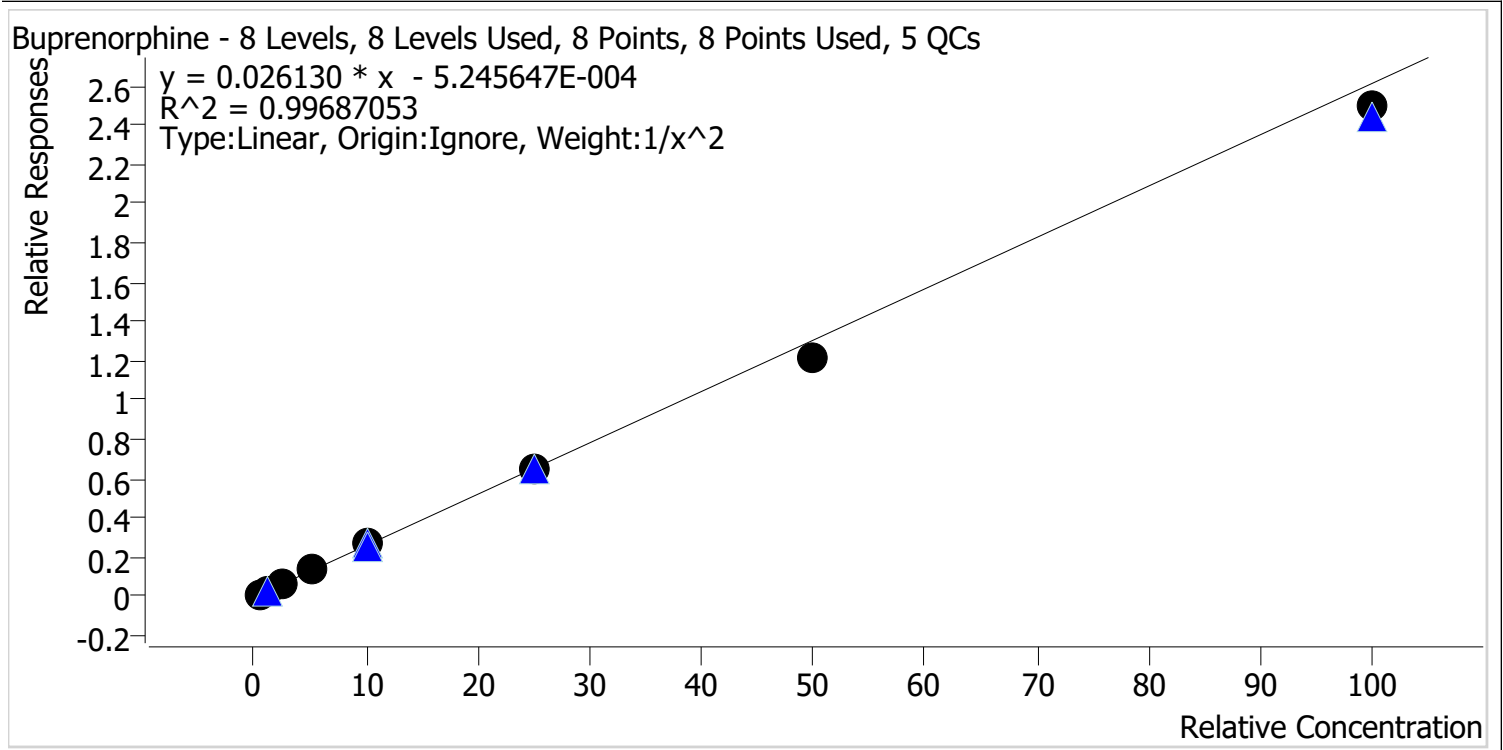


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.0	99.1
p1 Cal 2-10ng_CS	2	✓	10.0	10.1	100.8
p1 Cal 3 -25ng_CS	3	✓	25.0	25.8	103.2
p1 Cal 4-50ng_CS	4	✓	50.0	50.5	101.0
p1 Cal 5-100ng_CS	5	✓	100.0	95.9	95.9
p1 Cal 6-250ng_CS_r	6	✗	250.0	168.1	67.2
p1 Cal 7-500ng_CS_r	7	✗	500.0	276.1	55.2
p1 Cal 8-1000ng_CS	8	✗	1000.0	560.3	56.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

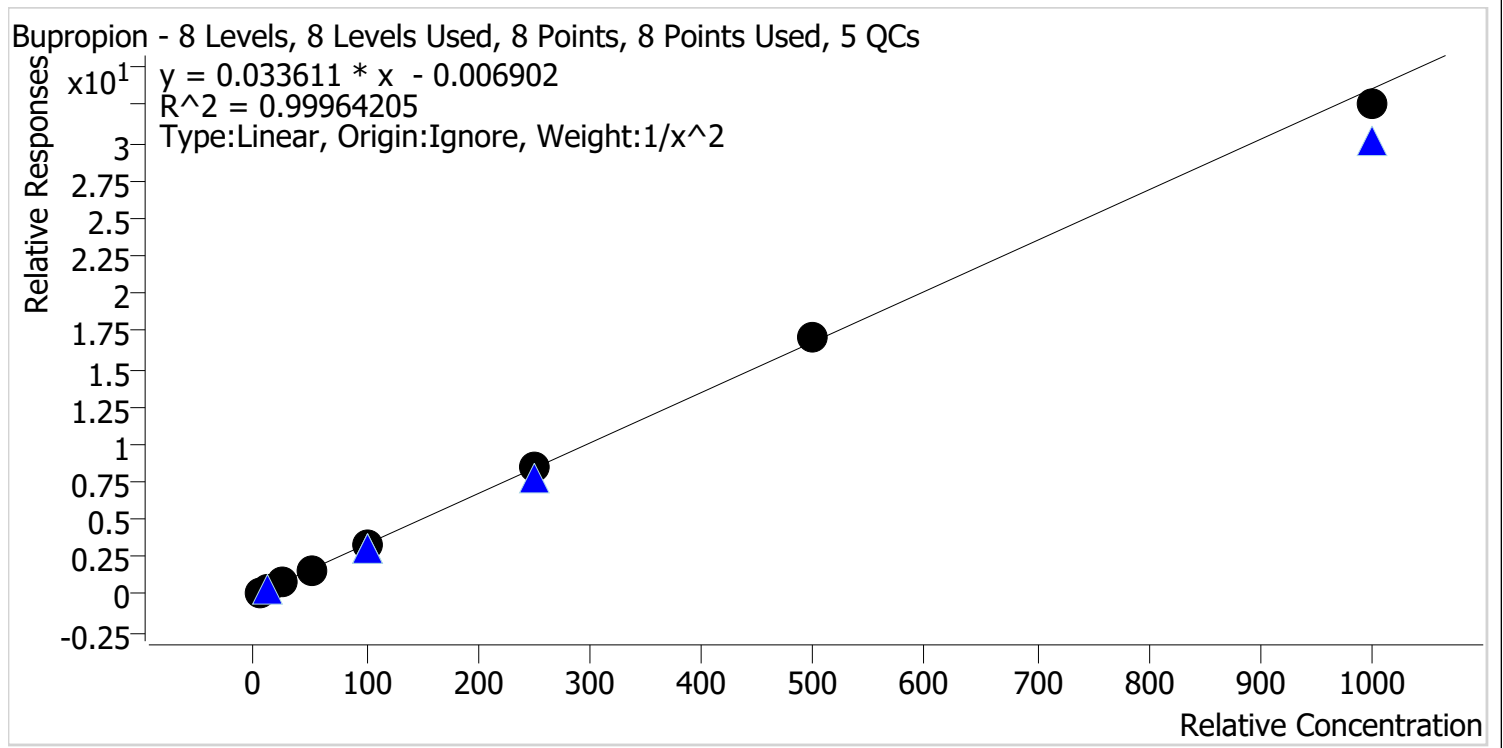


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	0.5	0.5	97.1
p1 Cal 2-10ng_CS	2	✓	1.0	1.0	102.1
p1 Cal 3 -25ng_CS	3	✓	2.5	2.7	107.5
p1 Cal 4-50ng_CS	4	✓	5.0	5.1	102.4
p1 Cal 5-100ng_CS	5	✓	10.0	10.4	103.9
p1 Cal 6-250ng_CS_r	6	✓	25.0	24.6	98.6
p1 Cal 7-500ng_CS_r	7	✓	50.0	46.4	92.7
p1 Cal 8-1000ng_CS	8	✓	100.0	95.5	95.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Bupropion **Internal Standard** Bupropion-D9

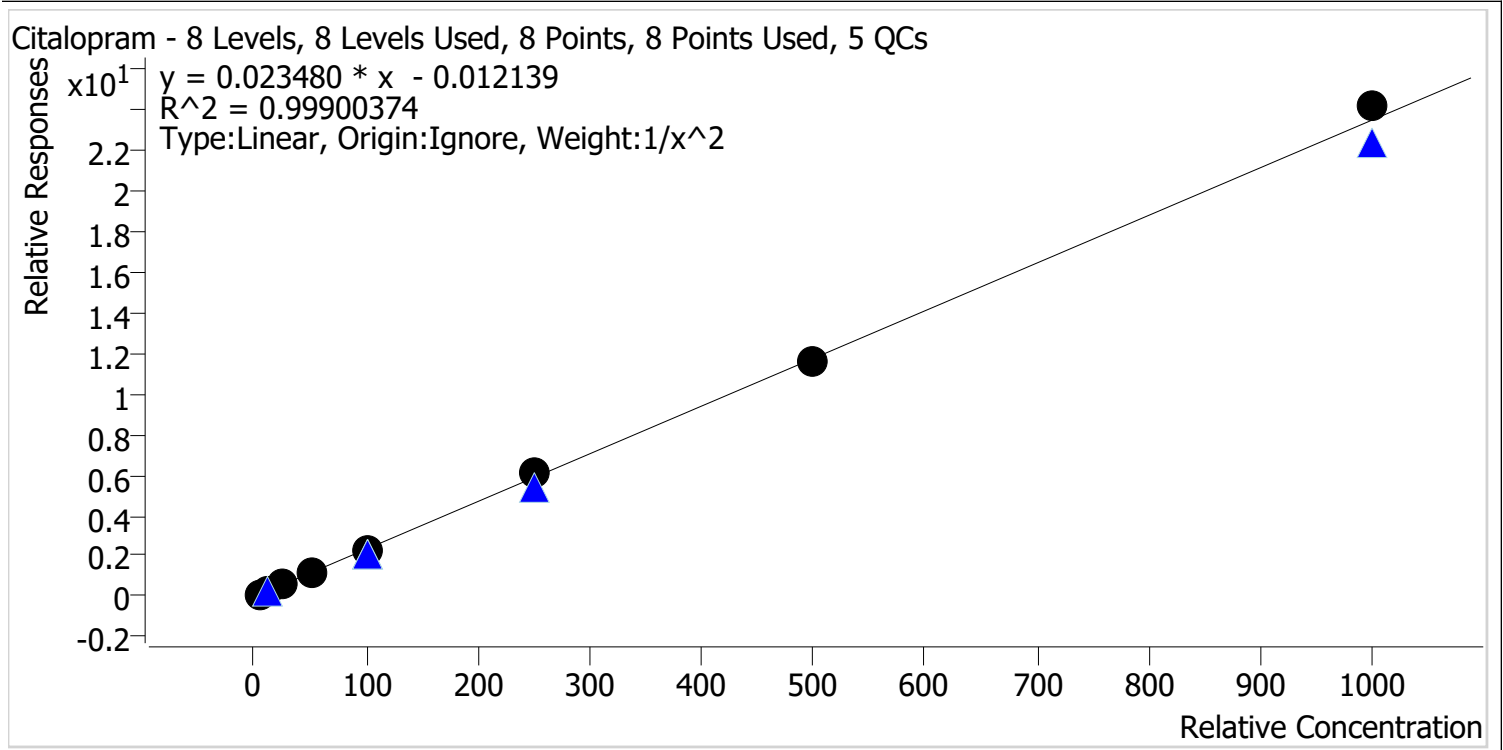


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng_CS	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng_CS	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng_CS	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng_CS	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng_CS_r	6	✓	250.0	254.9	102.0
p1 Cal 7-500ng_CS_r	7	✓	500.0	506.3	101.3
p1 Cal 8-1000ng_CS	8	✓	1000.0	969.3	96.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Citalopram **Internal Standard** Citalopram-D6



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng_CS	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng_CS	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng_CS	4	✓	50.0	49.2	98.3
p1 Cal 5-100ng_CS	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng_CS_r	6	✓	250.0	257.4	102.9
p1 Cal 7-500ng_CS_r	7	✓	500.0	493.9	98.8
p1 Cal 8-1000ng_CS	8	✓	1000.0	1028.9	102.9



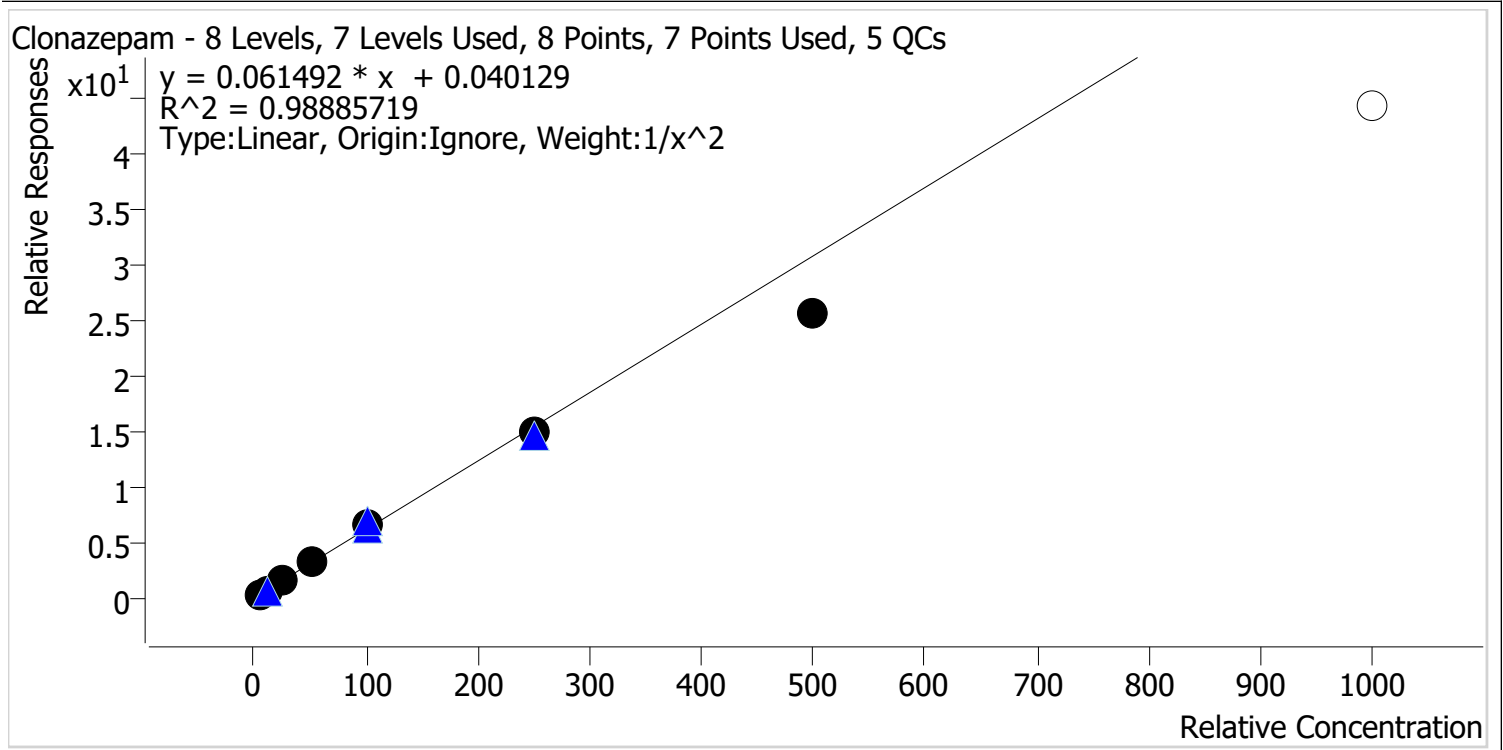
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
Cases.batch.bin

Last Cal. Update 6/20/2024 7:51 AM

Analyst Name ISP\Datastor

Analyte Clonazepam **Internal Standard** Clonazepam-D4

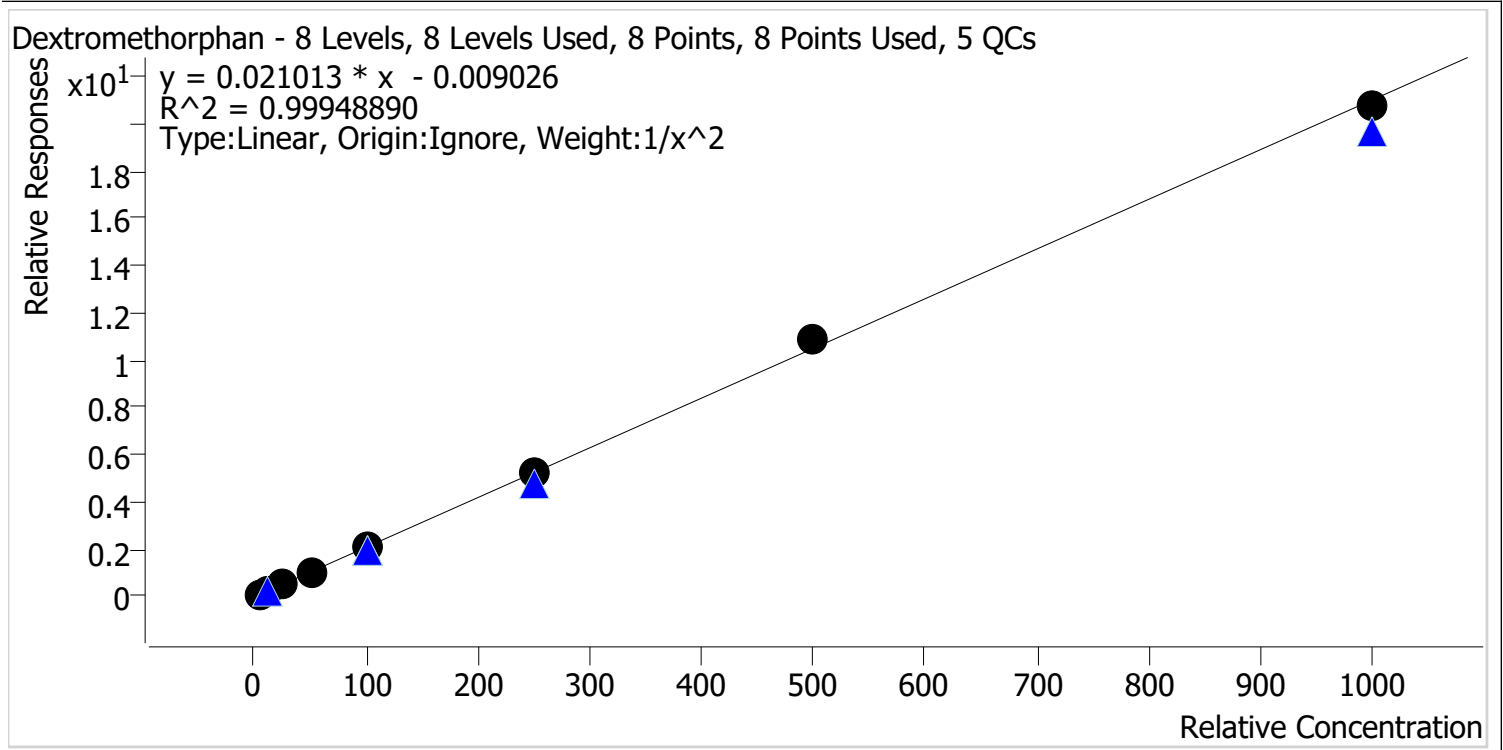


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng_CS	2	✓	10.0	10.6	105.6
p1 Cal 3 -25ng_CS	3	✓	25.0	26.4	105.8
p1 Cal 4-50ng_CS	4	✓	50.0	53.1	106.1
p1 Cal 5-100ng_CS	5	✓	100.0	107.5	107.5
p1 Cal 6-250ng_CS_r	6	✓	250.0	242.1	96.8
p1 Cal 7-500ng_CS_r	7	✓	500.0	414.4	82.9
p1 Cal 8-1000ng_CS	8	x	1000.0	718.8	71.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

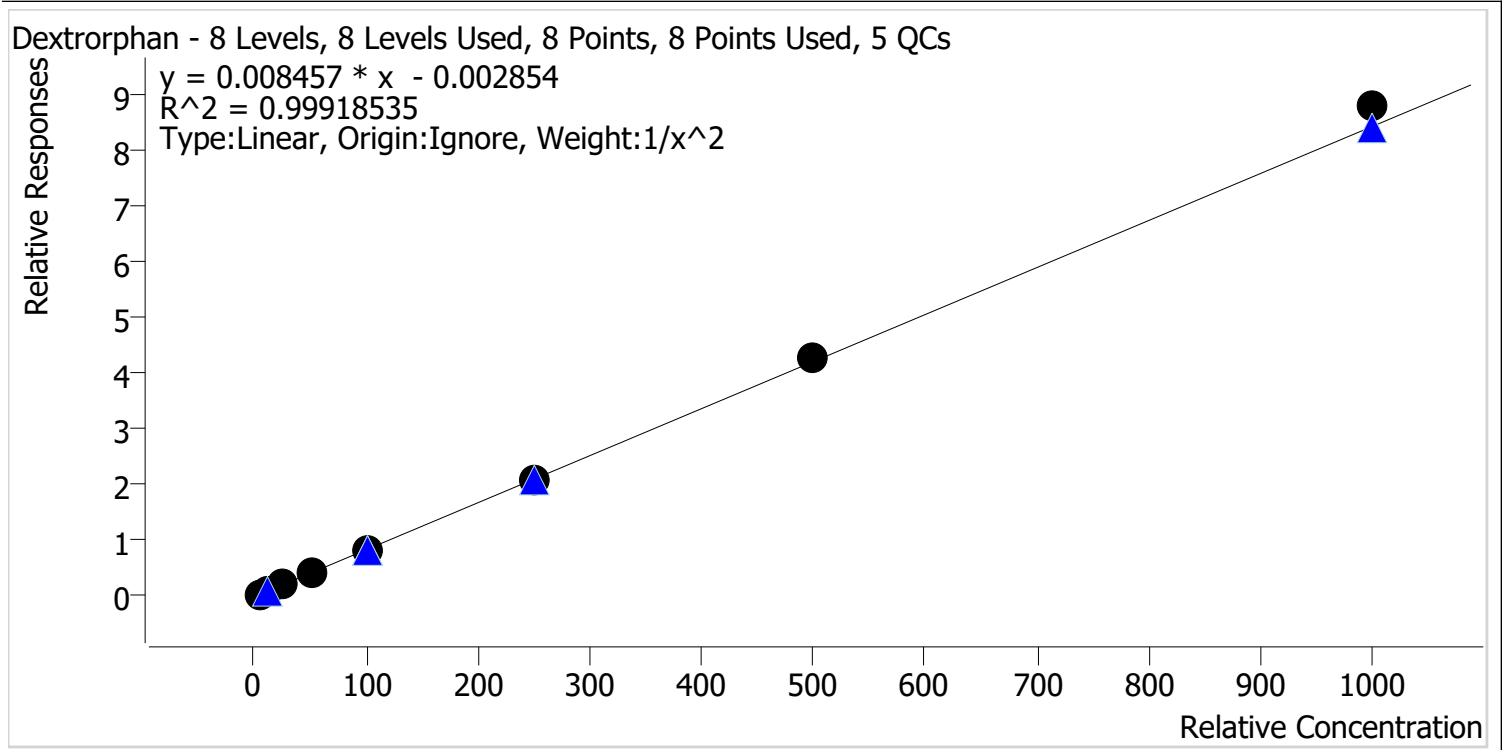


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng_CS	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng_CS	3	✓	25.0	24.8	99.2
p1 Cal 4-50ng_CS	4	✓	50.0	49.9	99.7
p1 Cal 5-100ng_CS	5	✓	100.0	99.1	99.1
p1 Cal 6-250ng_CS_r	6	✓	250.0	253.2	101.3
p1 Cal 7-500ng_CS_r	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng_CS	8	✓	1000.0	987.4	98.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Dextrorphan **Internal Standard** Dextrorphan-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	101.5
p1 Cal 2-10ng_CS	2	✓	10.0	9.9	98.7
p1 Cal 3 -25ng_CS	3	✓	25.0	24.1	96.5
p1 Cal 4-50ng_CS	4	✓	50.0	49.0	98.0
p1 Cal 5-100ng_CS	5	✓	100.0	98.7	98.7
p1 Cal 6-250ng_CS_r	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng_CS_r	7	✓	500.0	507.9	101.6
p1 Cal 8-1000ng_CS	8	✓	1000.0	1043.0	104.3



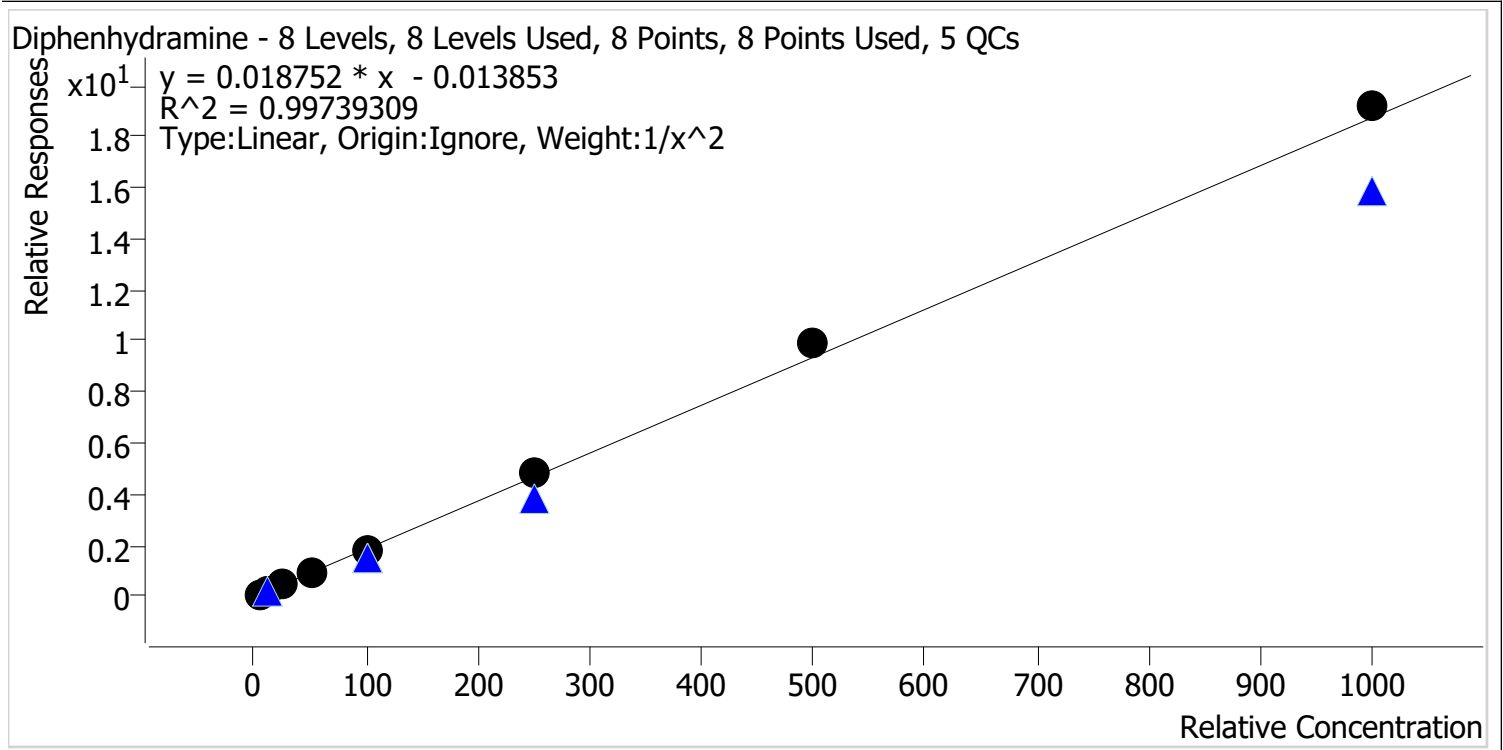
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
Cases.batch.bin

Last Cal. Update 6/20/2024 7:51 AM

Analyst Name ISP\Datastor

Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3

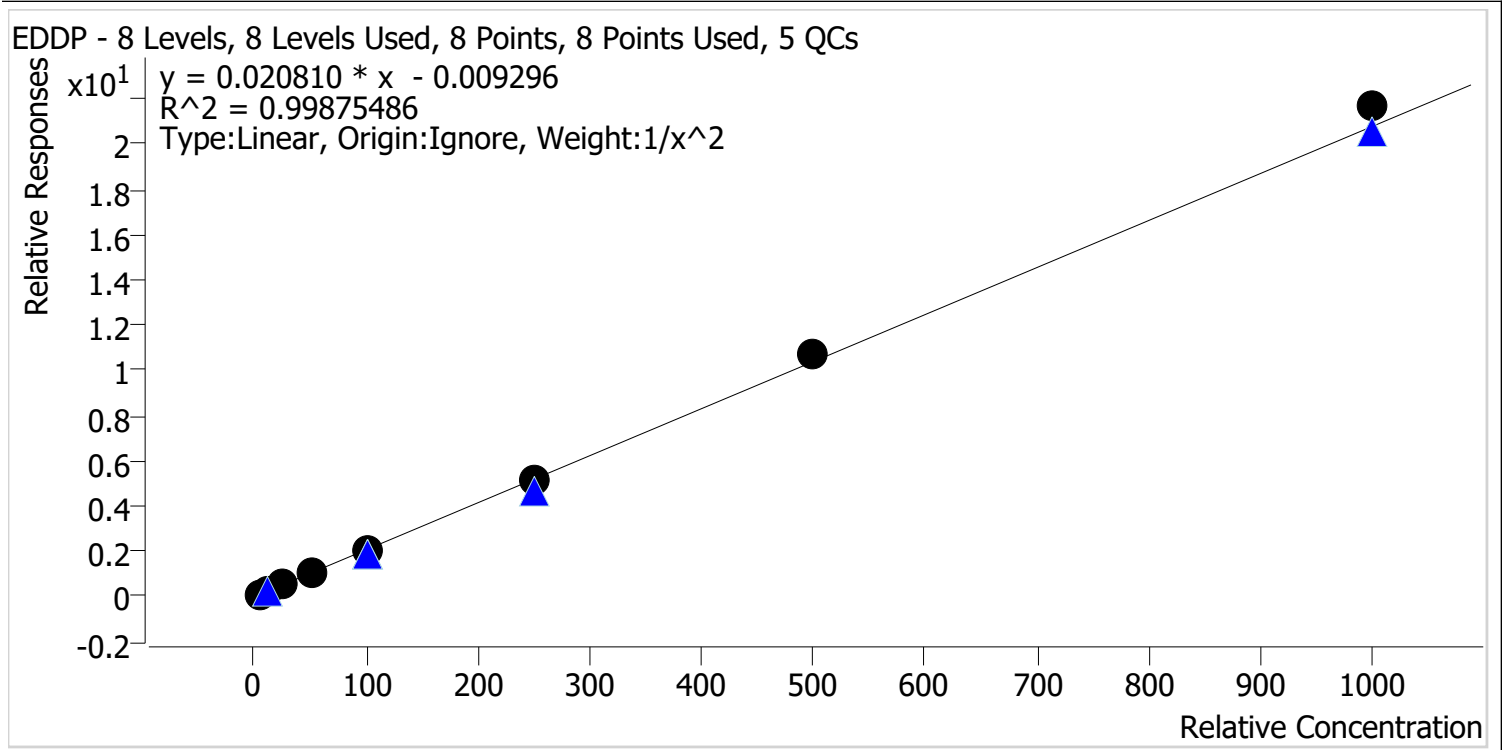


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng_CS	2	✓	10.0	9.6	95.7
p1 Cal 3 -25ng_CS	3	✓	25.0	23.9	95.5
p1 Cal 4-50ng_CS	4	✓	50.0	47.6	95.3
p1 Cal 5-100ng_CS	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng_CS_r	6	✓	250.0	259.8	103.9
p1 Cal 7-500ng_CS_r	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng_CS	8	✓	1000.0	1024.0	102.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3

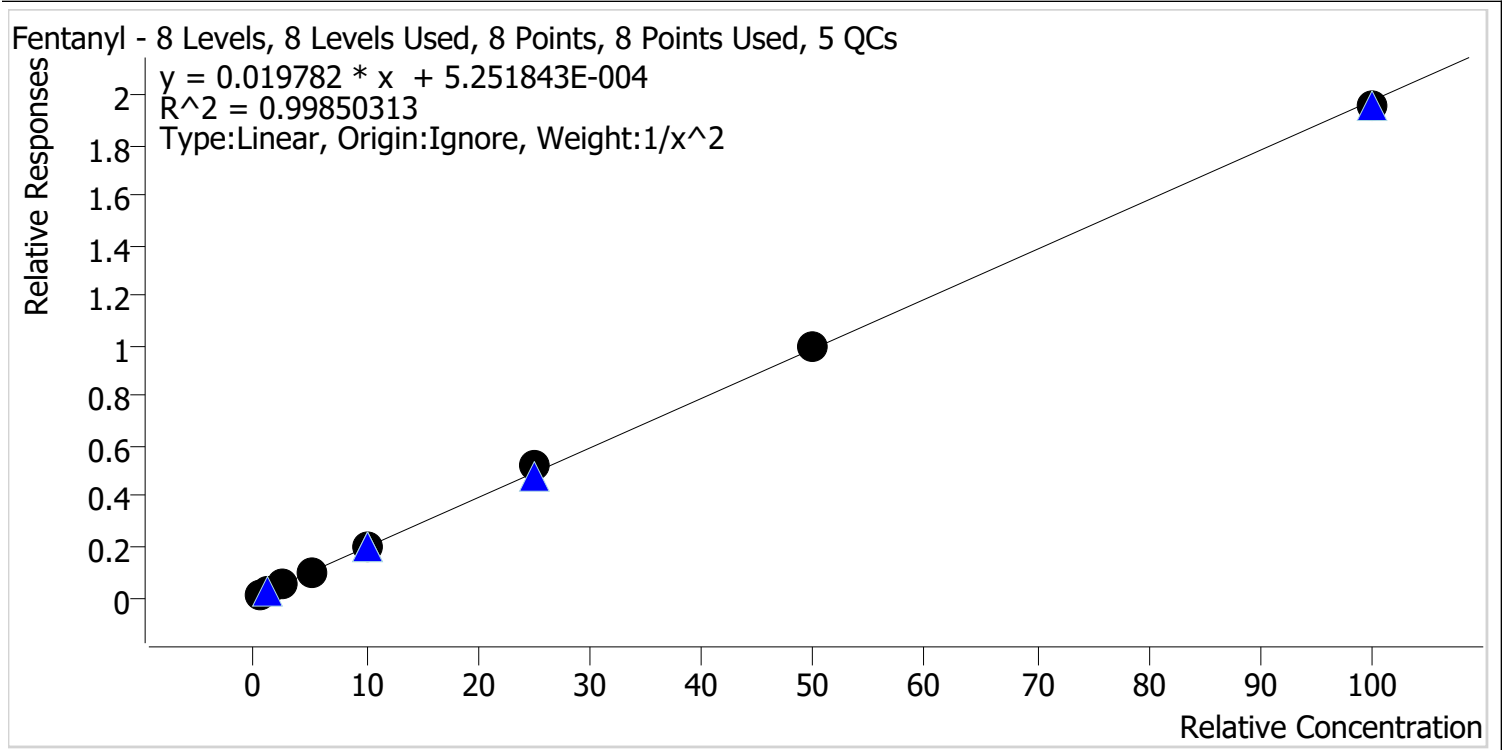


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng_CS	2	✓	10.0	9.6	96.4
p1 Cal 3 -25ng_CS	3	✓	25.0	24.6	98.6
p1 Cal 4-50ng_CS	4	✓	50.0	48.2	96.4
p1 Cal 5-100ng_CS	5	✓	100.0	98.4	98.4
p1 Cal 6-250ng_CS_r	6	✓	250.0	250.2	100.1
p1 Cal 7-500ng_CS_r	7	✓	500.0	516.7	103.3
p1 Cal 8-1000ng_CS	8	✓	1000.0	1043.0	104.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5

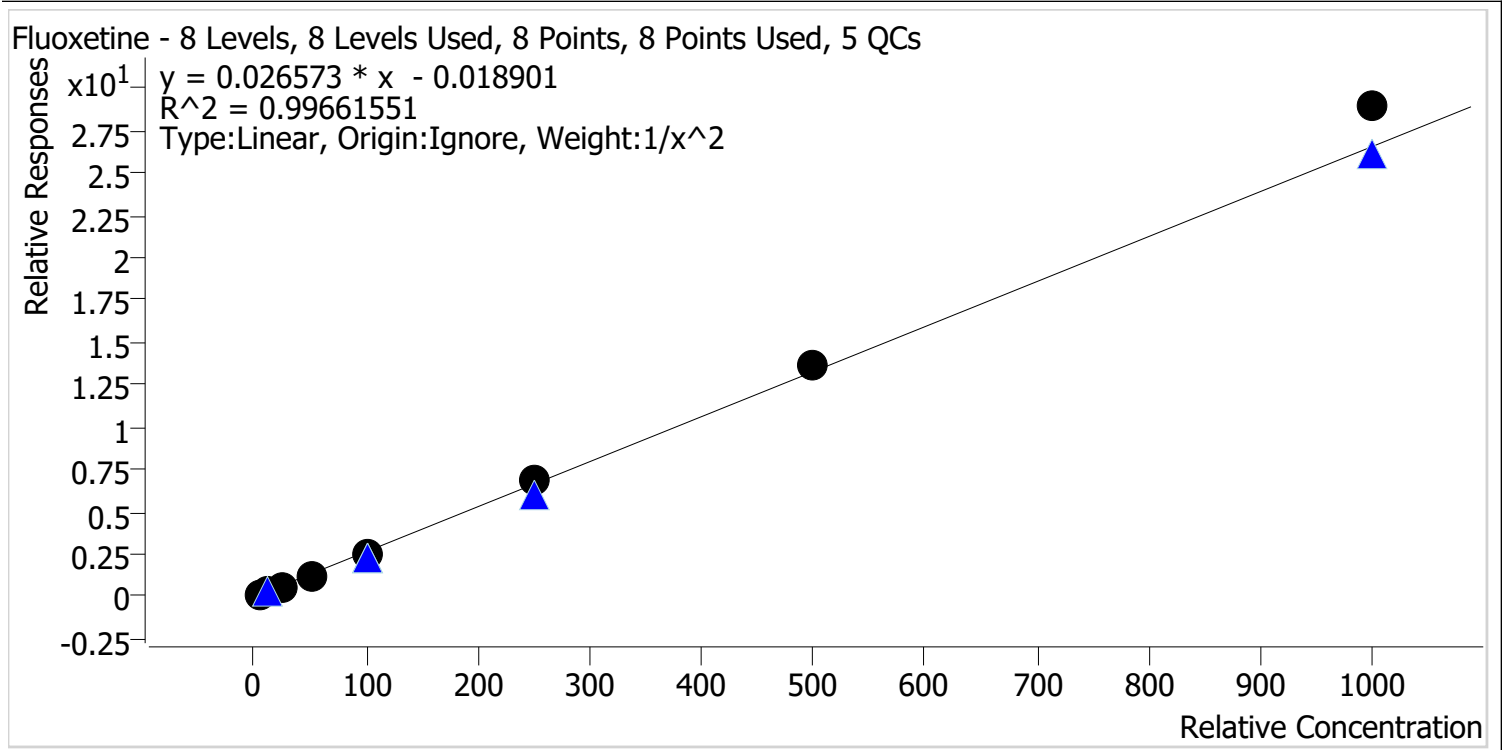


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	0.5	0.5	103.3
p1 Cal 2-10ng_CS	2	✓	1.0	0.9	93.6
p1 Cal 3 -25ng_CS	3	✓	2.5	2.5	99.3
p1 Cal 4-50ng_CS	4	✓	5.0	5.0	100.0
p1 Cal 5-100ng_CS	5	✓	10.0	10.0	99.5
p1 Cal 6-250ng_CS_r	6	✓	25.0	26.2	105.0
p1 Cal 7-500ng_CS_r	7	✓	50.0	50.4	100.7
p1 Cal 8-1000ng_CS	8	✓	100.0	98.7	98.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6

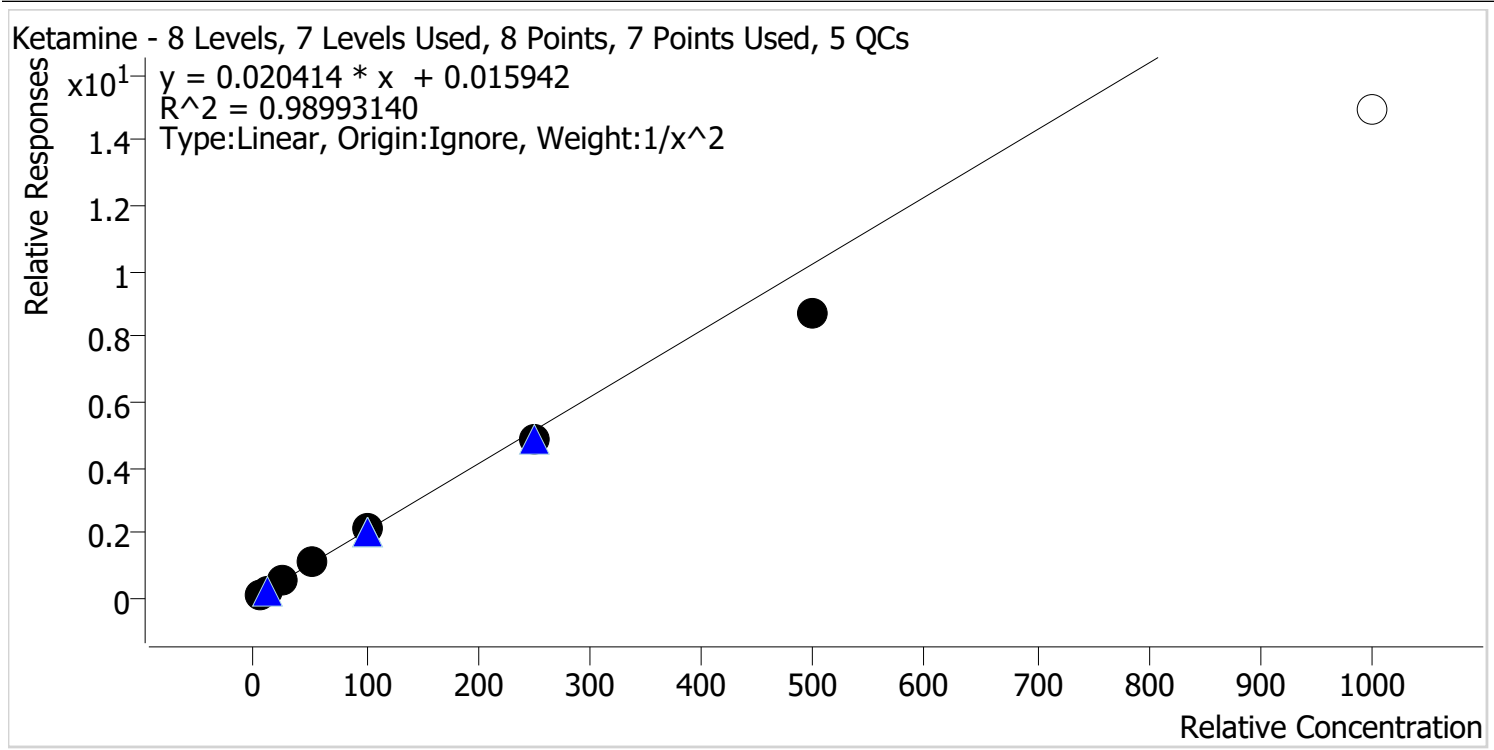


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.2	103.4
p1 Cal 2-10ng_CS	2	✓	10.0	9.6	96.5
p1 Cal 3 -25ng_CS	3	✓	25.0	23.7	94.7
p1 Cal 4-50ng_CS	4	✓	50.0	47.7	95.4
p1 Cal 5-100ng_CS	5	✓	100.0	96.4	96.4
p1 Cal 6-250ng_CS_r	6	✓	250.0	255.2	102.1
p1 Cal 7-500ng_CS_r	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng_CS	8	✓	1000.0	1089.5	109.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4

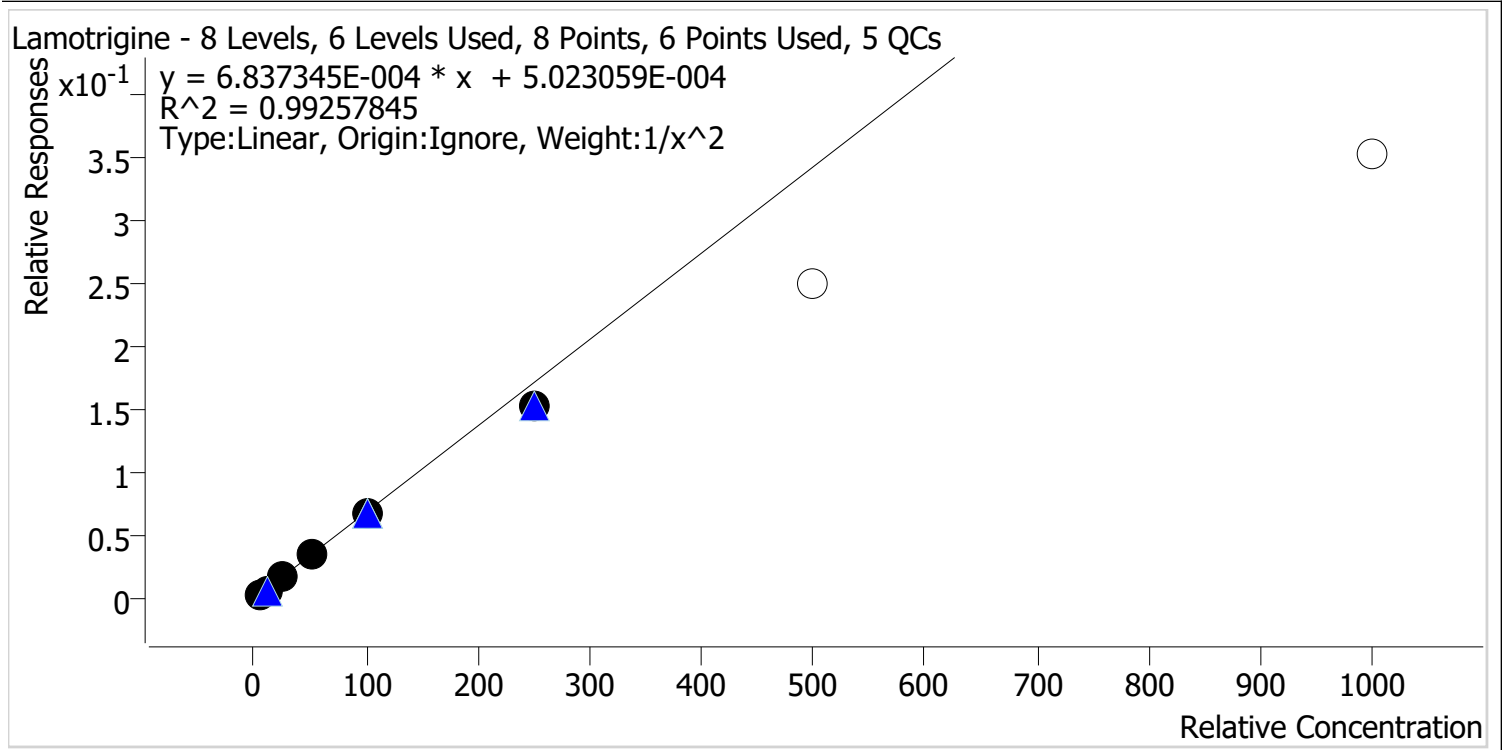


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng_CS	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng_CS	3	✓	25.0	26.6	106.4
p1 Cal 4-50ng_CS	4	✓	50.0	54.3	108.6
p1 Cal 5-100ng_CS	5	✓	100.0	105.2	105.2
p1 Cal 6-250ng_CS_r	6	✓	250.0	238.2	95.3
p1 Cal 7-500ng_CS_r	7	✓	500.0	423.0	84.6
p1 Cal 8-1000ng_CS	8	x	1000.0	732.4	73.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3

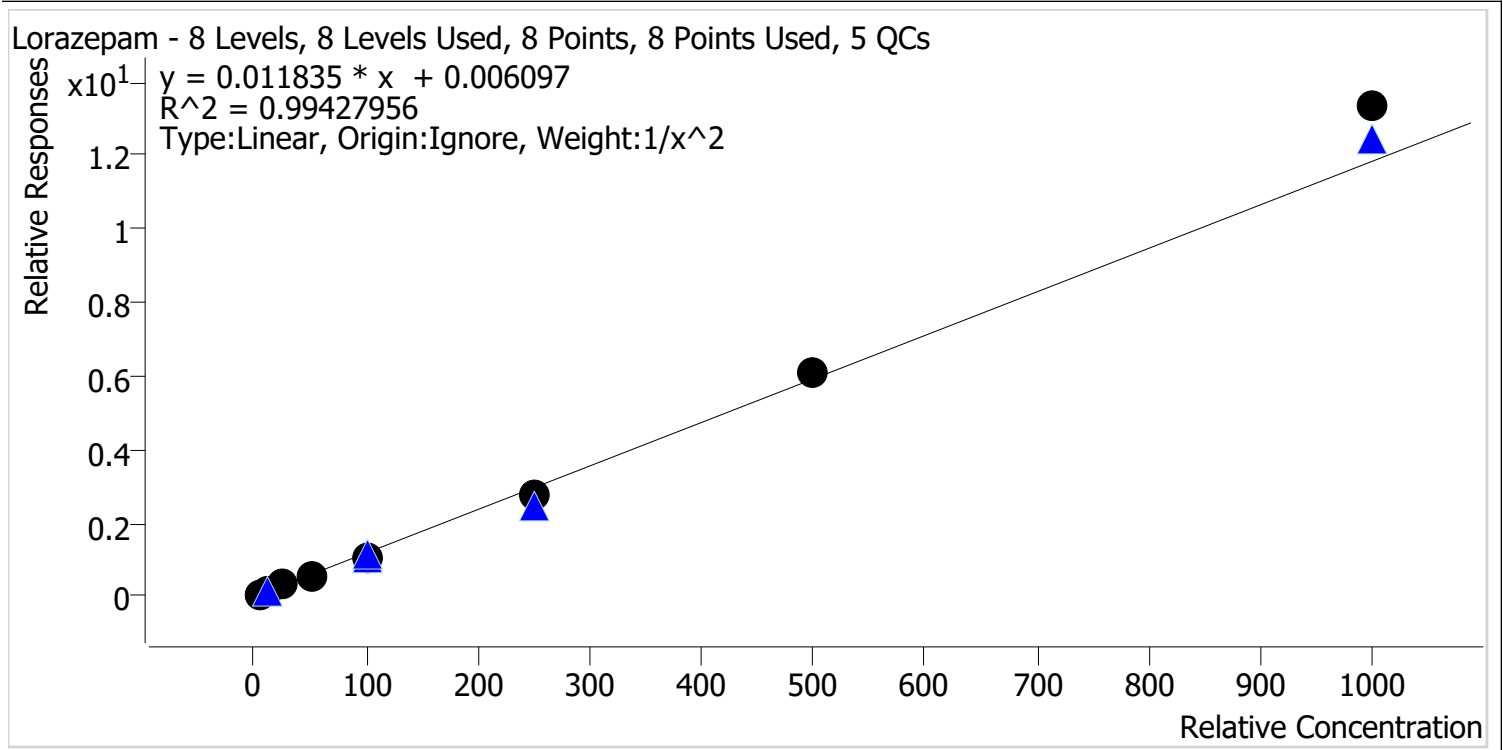


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng_CS	2	✓	10.0	10.1	101.0
p1 Cal 3 -25ng_CS	3	✓	25.0	27.2	108.8
p1 Cal 4-50ng_CS	4	✓	50.0	52.7	105.4
p1 Cal 5-100ng_CS	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng_CS_r	6	✓	250.0	221.1	88.4
p1 Cal 7-500ng_CS_r	7	✗	500.0	365.5	73.1
p1 Cal 8-1000ng_CS	8	✗	1000.0	514.1	51.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5

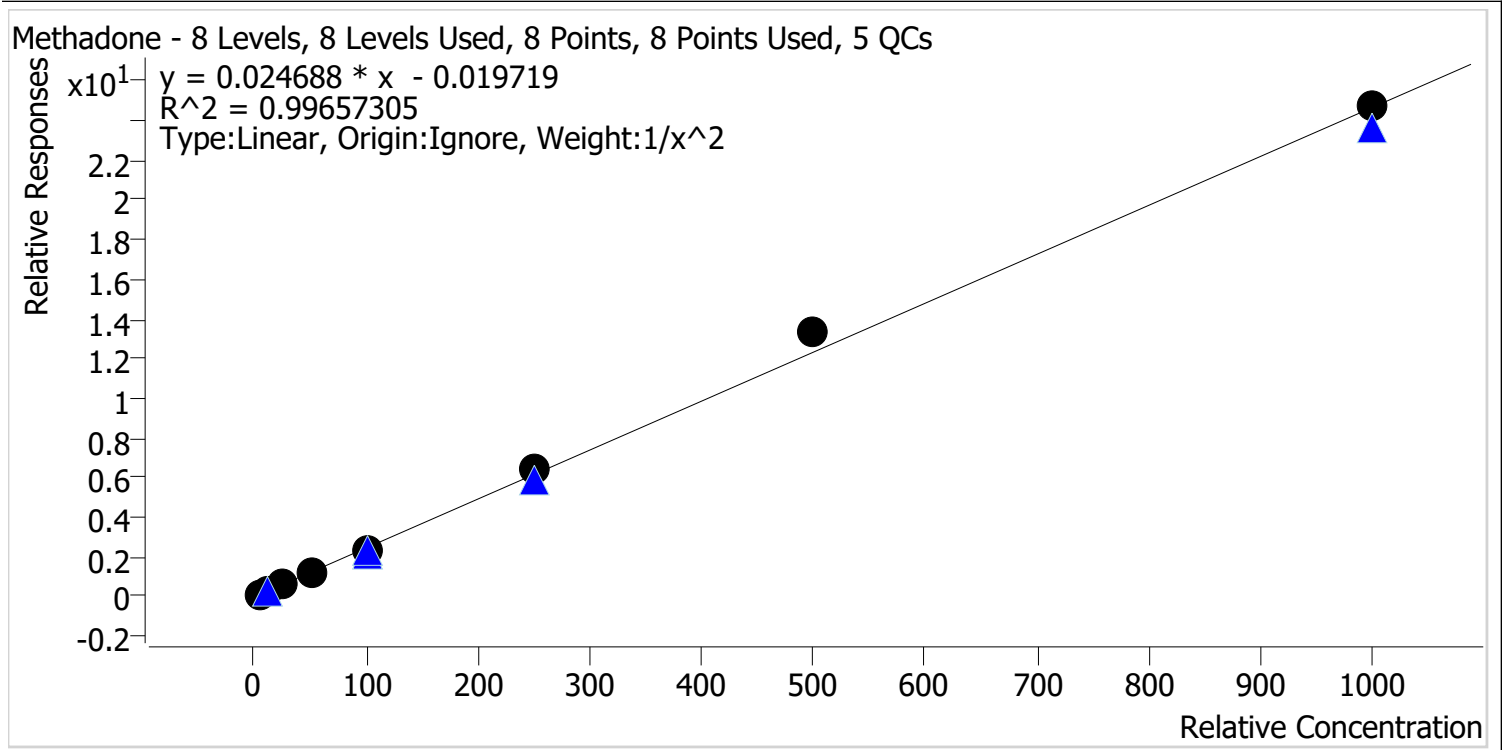


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.0	99.4
p1 Cal 2-10ng_CS	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng_CS	3	✓	25.0	24.9	99.5
p1 Cal 4-50ng_CS	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng_CS	5	✓	100.0	92.4	92.4
p1 Cal 6-250ng_CS_r	6	✓	250.0	237.2	94.9
p1 Cal 7-500ng_CS_r	7	✓	500.0	518.4	103.7
p1 Cal 8-1000ng_CS	8	✓	1000.0	1126.5	112.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

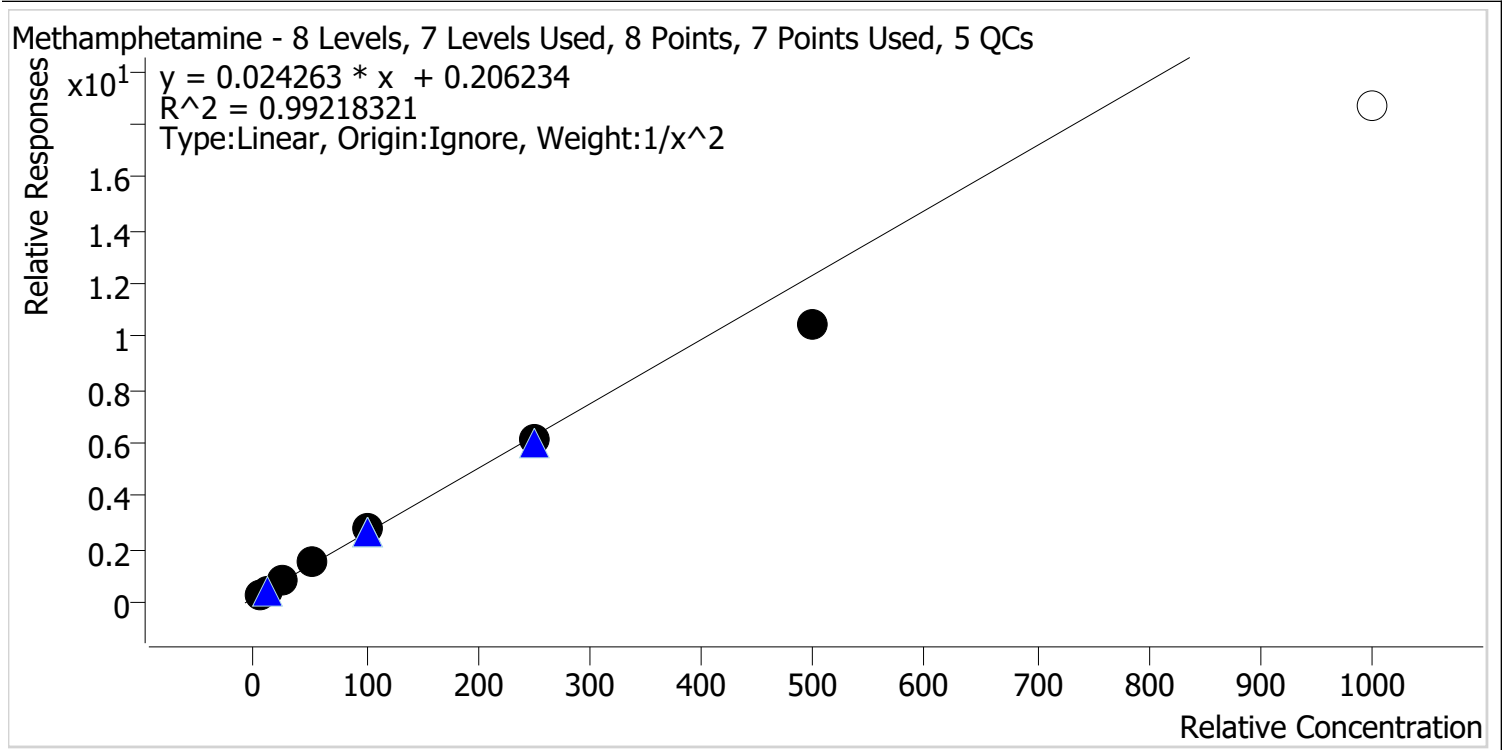


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng_CS	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng_CS	3	✓	25.0	24.0	96.0
p1 Cal 4-50ng_CS	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng_CS	5	✓	100.0	95.1	95.1
p1 Cal 6-250ng_CS_r	6	✓	250.0	265.2	106.1
p1 Cal 7-500ng_CS_r	7	✓	500.0	539.0	107.8
p1 Cal 8-1000ng_CS	8	✓	1000.0	1002.6	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11

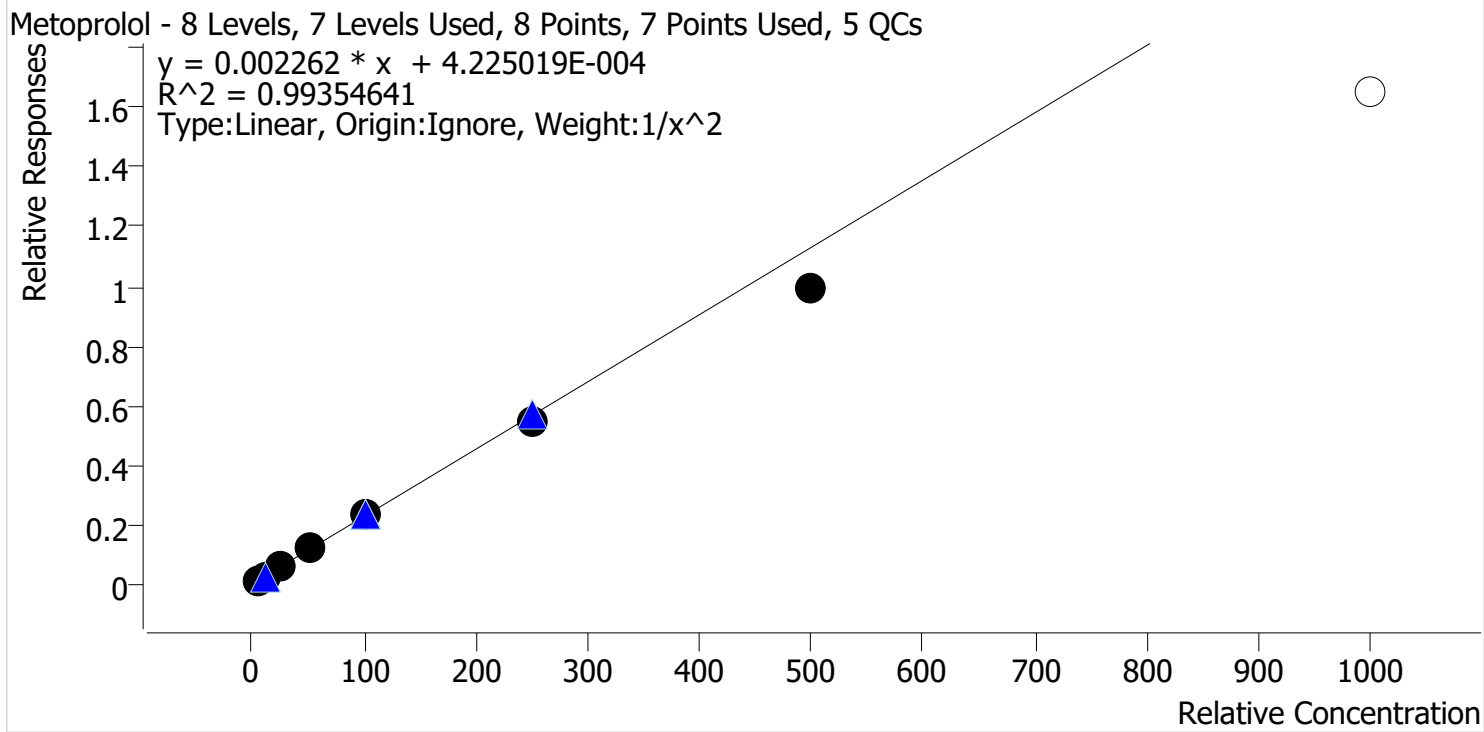


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	97.7
p1 Cal 2-10ng_CS	2	✓	10.0	10.1	100.9
p1 Cal 3 -25ng_CS	3	✓	25.0	26.3	105.4
p1 Cal 4-50ng_CS	4	✓	50.0	53.2	106.4
p1 Cal 5-100ng_CS	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng_CS_r	6	✓	250.0	245.3	98.1
p1 Cal 7-500ng_CS_r	7	✓	500.0	426.1	85.2
p1 Cal 8-1000ng_CS	8	x	1000.0	761.2	76.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

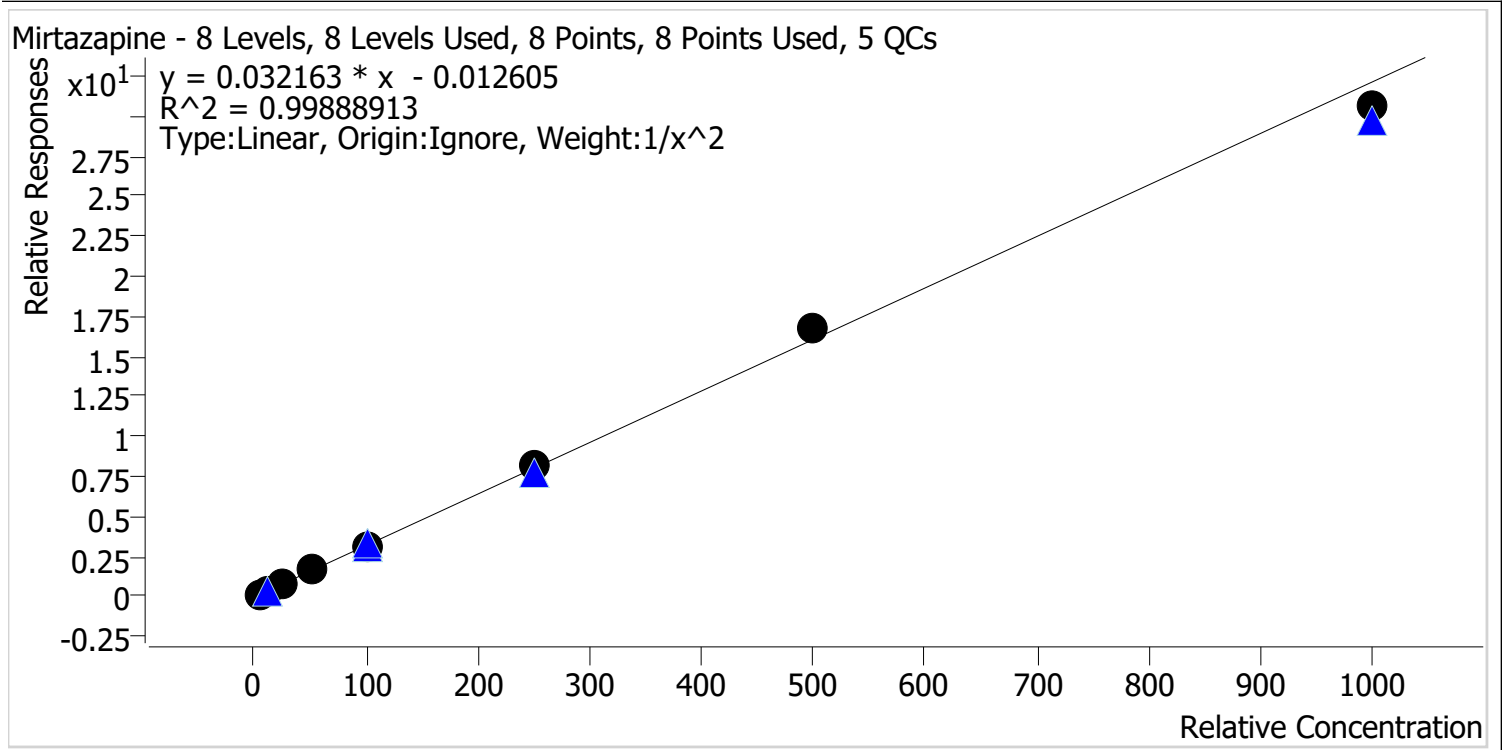


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng_CS	2	✓	10.0	10.1	101.1
p1 Cal 3 -25ng_CS	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng_CS	4	✓	50.0	53.0	106.0
p1 Cal 5-100ng_CS	5	✓	100.0	104.5	104.5
p1 Cal 6-250ng_CS_r	6	✓	250.0	241.6	96.7
p1 Cal 7-500ng_CS_r	7	✓	500.0	437.4	87.5
p1 Cal 8-1000ng_CS	8	✗	1000.0	729.0	72.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datator
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8

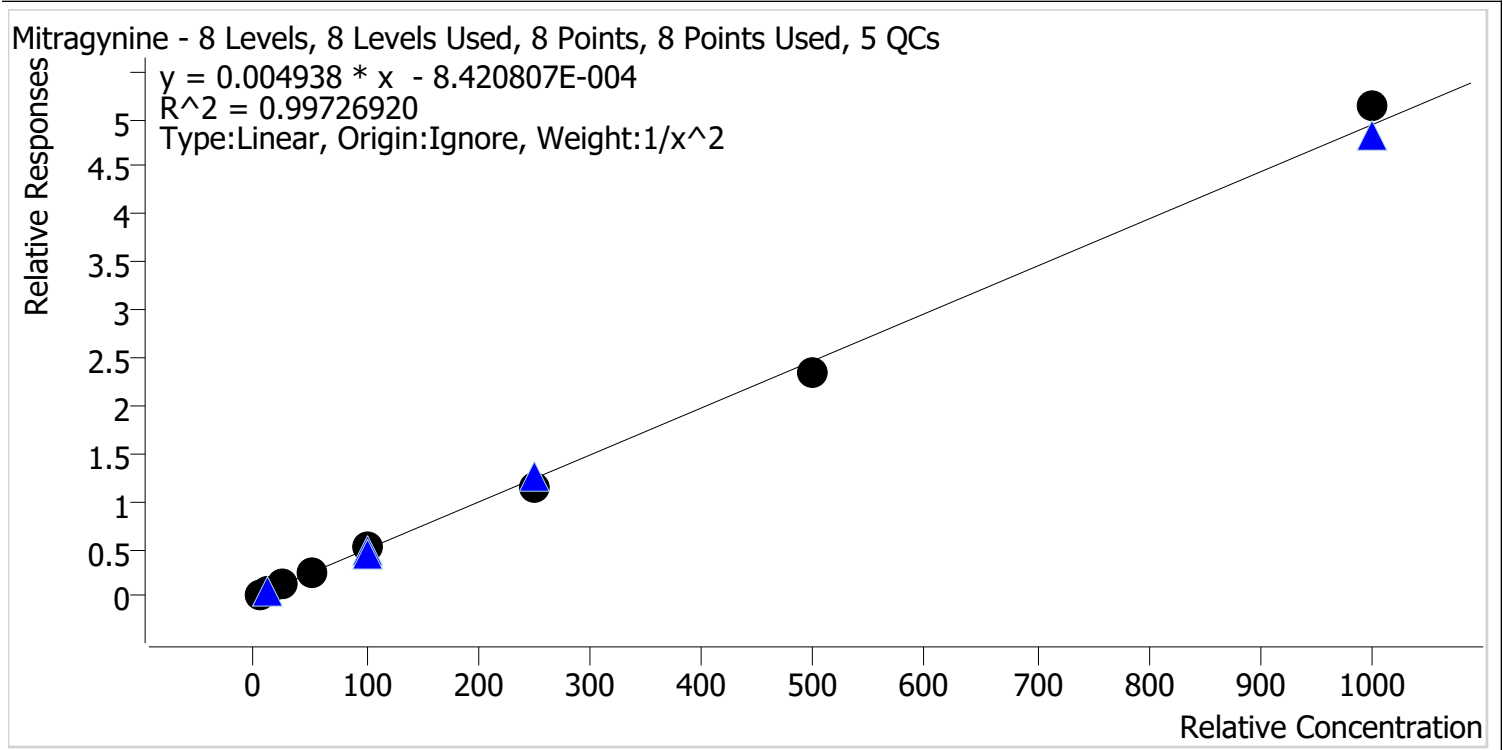


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng_CS	2	✓	10.0	9.7	97.3
p1 Cal 3 -25ng_CS	3	✓	25.0	25.1	100.4
p1 Cal 4-50ng_CS	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng_CS	5	✓	100.0	98.2	98.2
p1 Cal 6-250ng_CS_r	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng_CS_r	7	✓	500.0	521.0	104.2
p1 Cal 8-1000ng_CS	8	✓	1000.0	952.9	95.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9

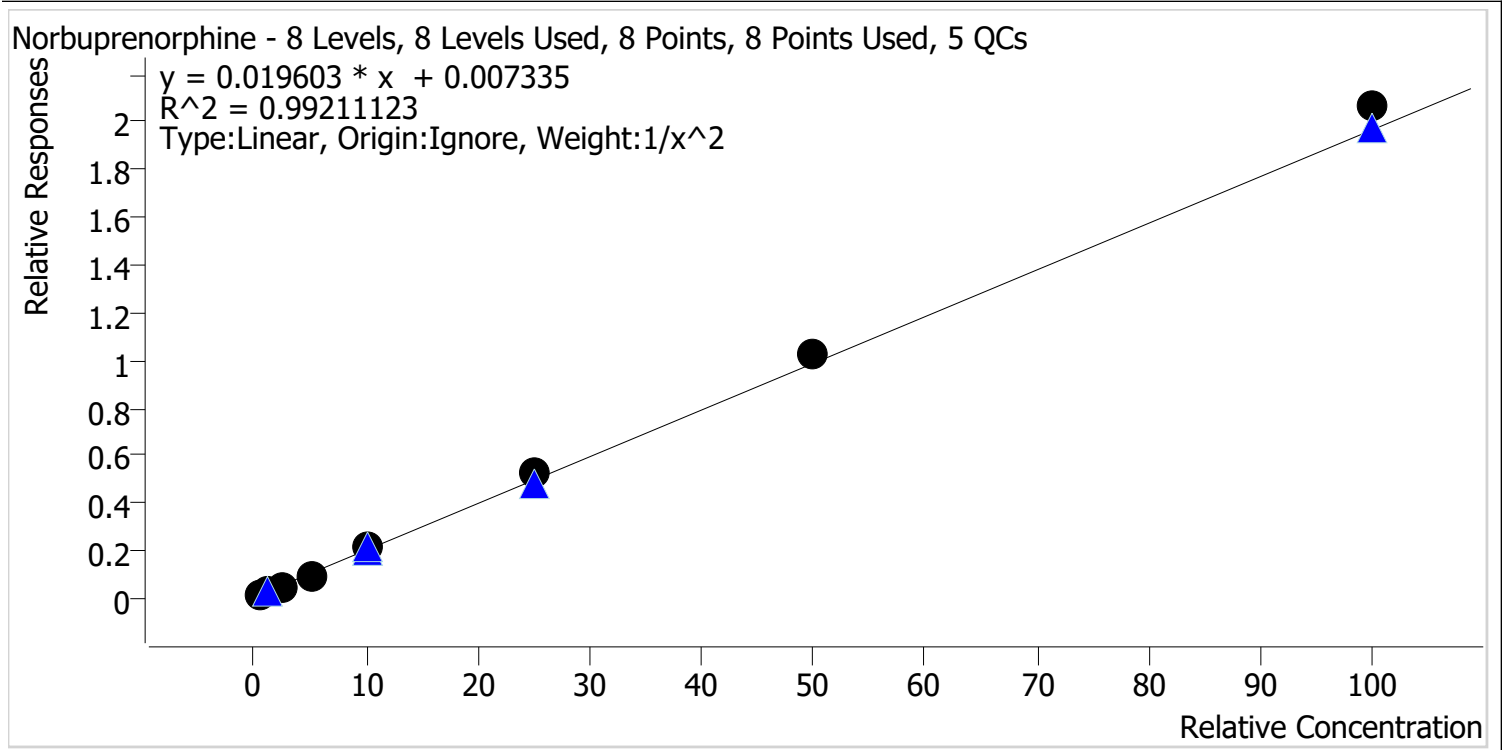


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	98.3
p1 Cal 2-10ng_CS	2	✓	10.0	10.1	101.5
p1 Cal 3 -25ng_CS	3	✓	25.0	25.8	103.1
p1 Cal 4-50ng_CS	4	✓	50.0	51.7	103.4
p1 Cal 5-100ng_CS	5	✓	100.0	103.3	103.3
p1 Cal 6-250ng_CS_r	6	✓	250.0	230.5	92.2
p1 Cal 7-500ng_CS_r	7	✓	500.0	471.9	94.4
p1 Cal 8-1000ng_CS	8	✓	1000.0	1039.0	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	0.5	0.5	105.7
p1 Cal 2-10ng_CS	2	✓	1.0	0.9	93.3
p1 Cal 3 -25ng_CS	3	✓	2.5	2.3	91.9
p1 Cal 4-50ng_CS	4	✓	5.0	4.4	87.7
p1 Cal 5-100ng_CS	5	✓	10.0	10.6	105.7
p1 Cal 6-250ng_CS_r	6	✓	25.0	26.8	107.3
p1 Cal 7-500ng_CS_r	7	✓	50.0	51.7	103.4
p1 Cal 8-1000ng_CS	8	✓	100.0	105.1	105.1



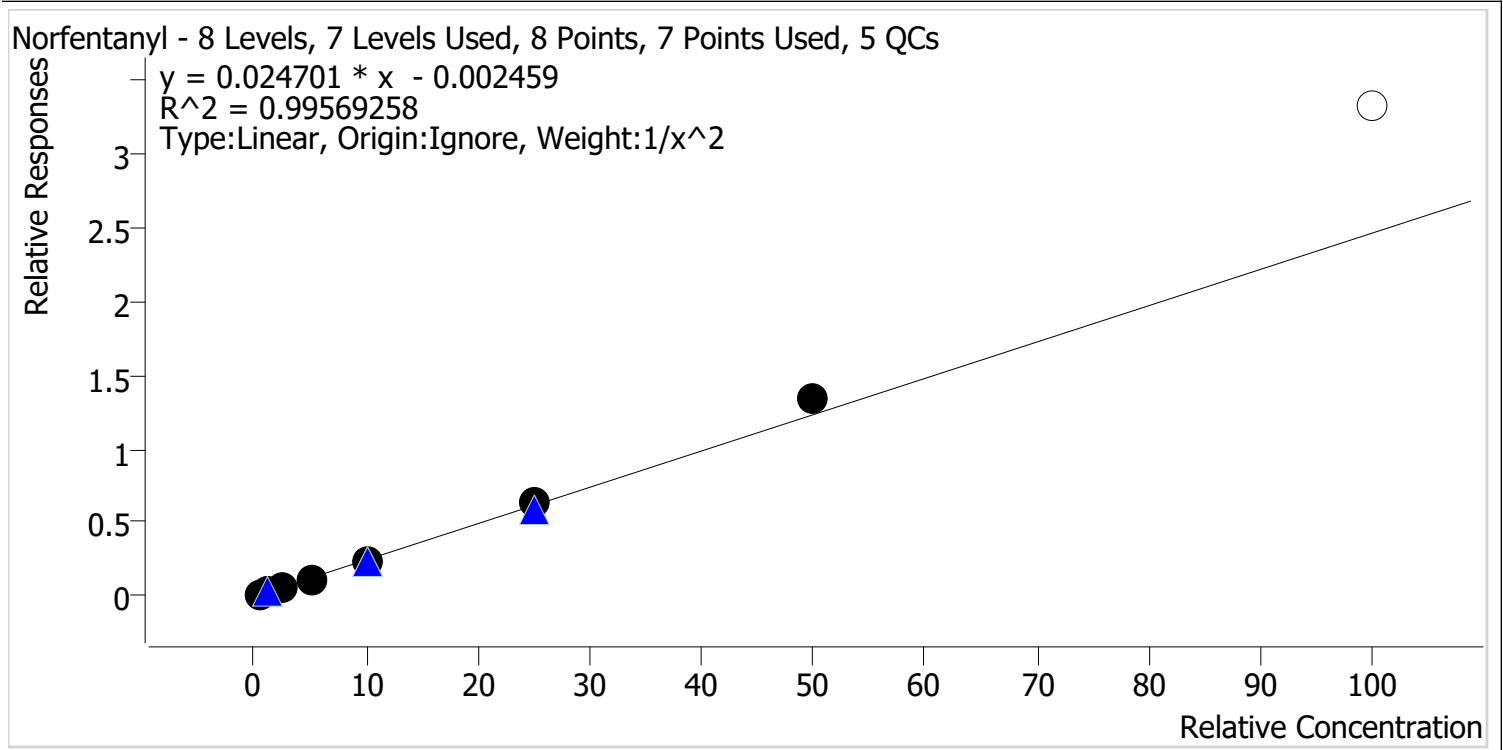
AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
Cases.batch.bin

Last Cal. Update 6/20/2024 7:51 AM

Analyst Name ISP\Datastor

Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

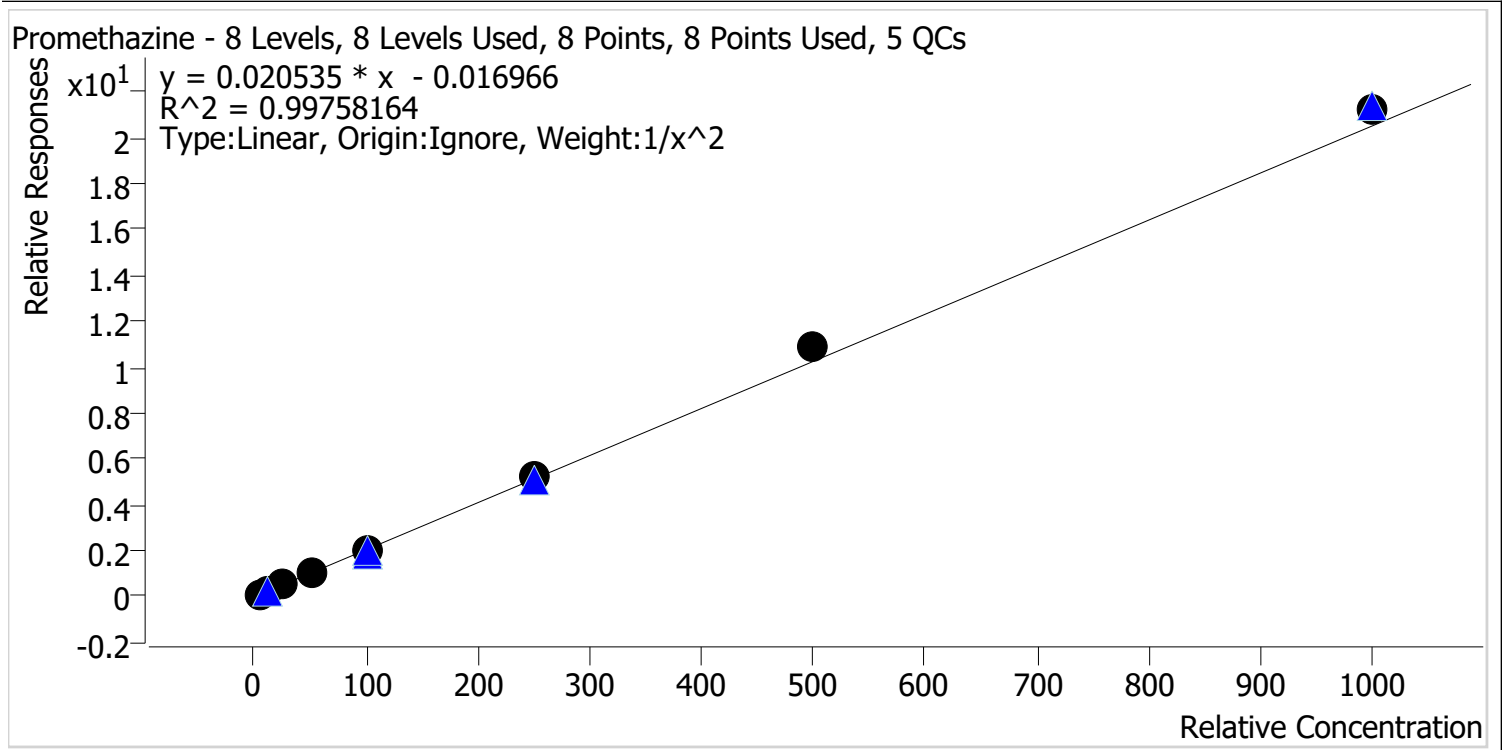


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	0.5	0.5	103.6
p1 Cal 2-10ng_CS	2	✓	1.0	1.0	95.6
p1 Cal 3 -25ng_CS	3	✓	2.5	2.4	95.9
p1 Cal 4-50ng_CS	4	✓	5.0	4.7	94.1
p1 Cal 5-100ng_CS	5	✓	10.0	9.7	97.3
p1 Cal 6-250ng_CS_r	6	✓	25.0	26.4	105.4
p1 Cal 7-500ng_CS_r	7	✓	50.0	54.0	108.1
p1 Cal 8-1000ng_CS	8	x	100.0	134.9	134.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3

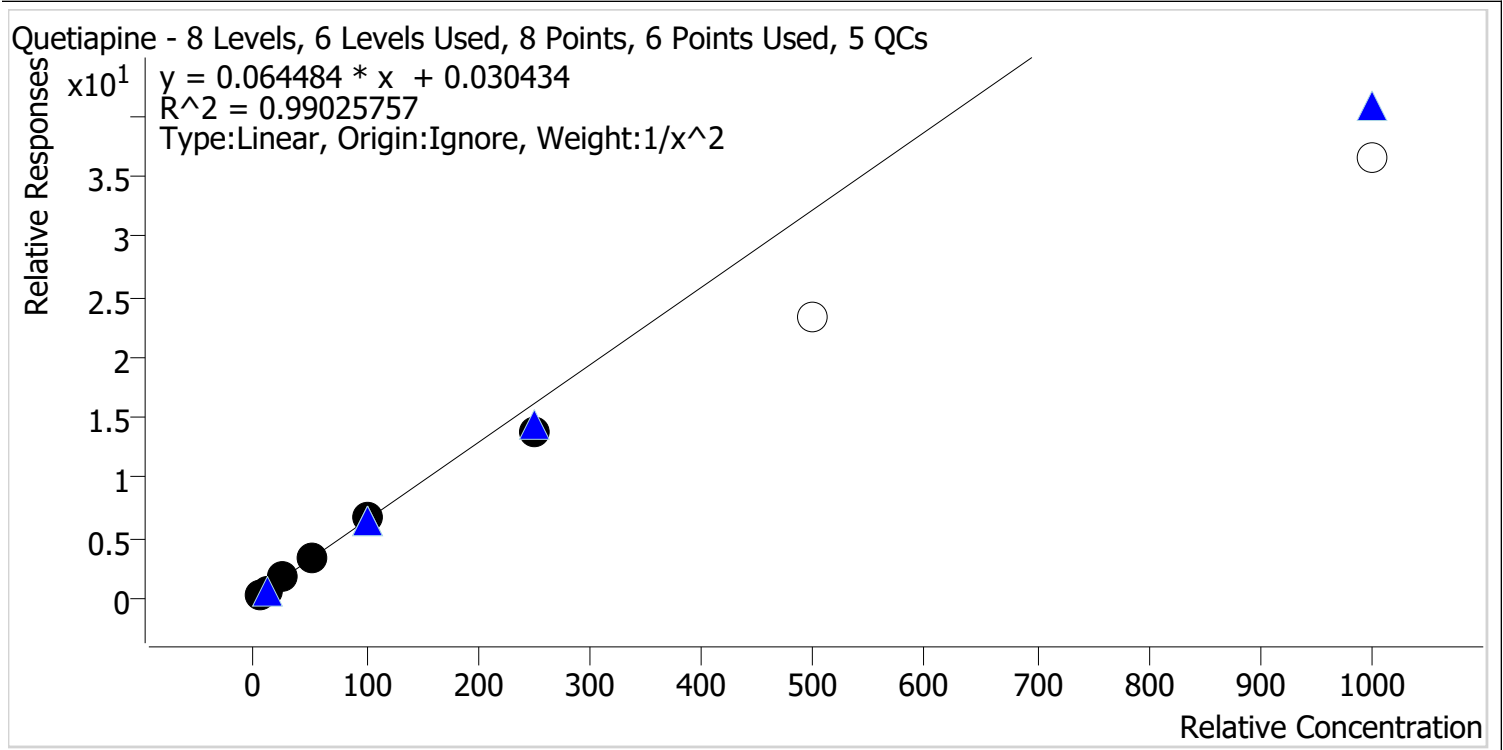


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	102.7
p1 Cal 2-10ng_CS	2	✓	10.0	9.7	97.1
p1 Cal 3 -25ng_CS	3	✓	25.0	23.8	95.3
p1 Cal 4-50ng_CS	4	✓	50.0	49.0	98.1
p1 Cal 5-100ng_CS	5	✓	100.0	94.5	94.5
p1 Cal 6-250ng_CS_r	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng_CS_r	7	✓	500.0	530.0	106.0
p1 Cal 8-1000ng_CS	8	✓	1000.0	1038.6	103.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8

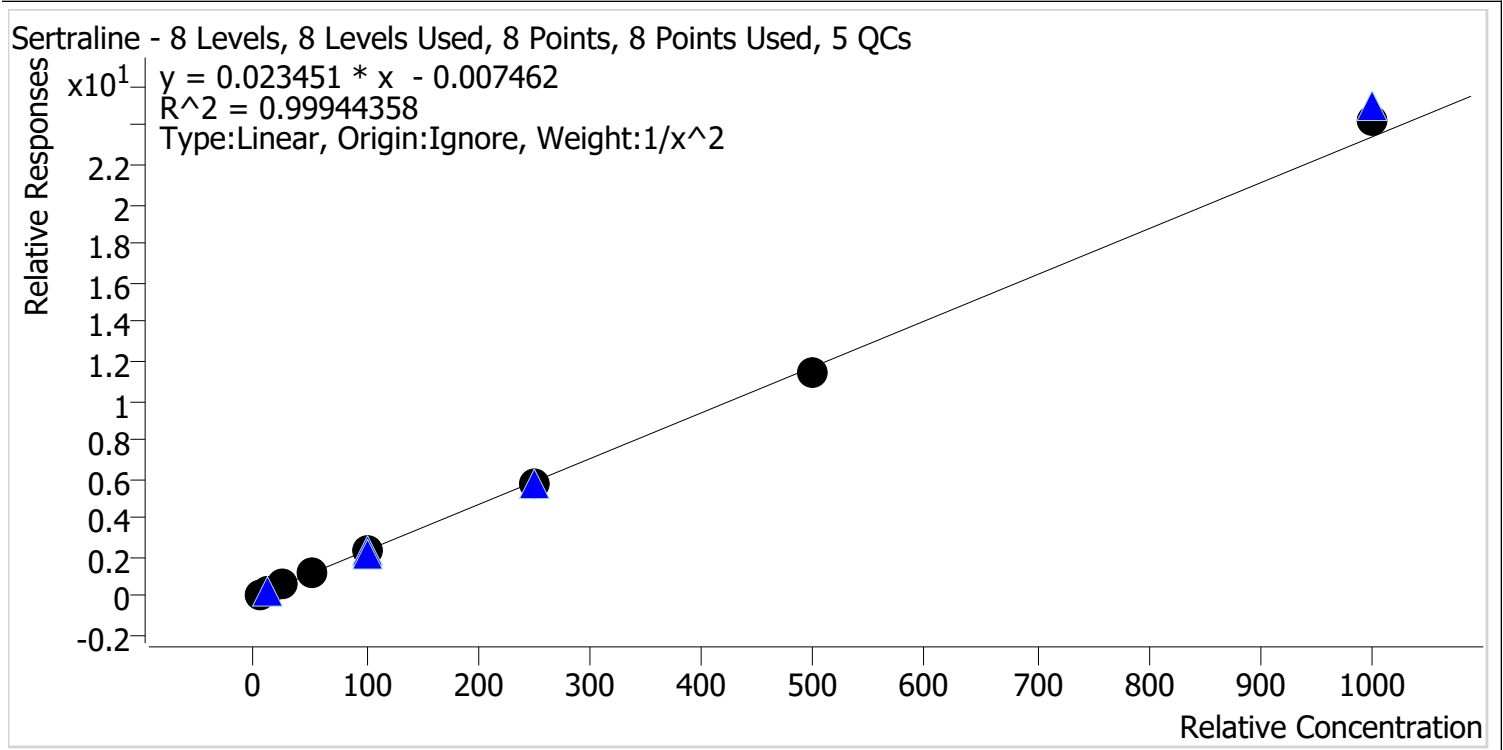


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng_CS	2	✓	10.0	10.2	101.7
p1 Cal 3 -25ng_CS	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng_CS	4	✓	50.0	52.7	105.3
p1 Cal 5-100ng_CS	5	✓	100.0	102.6	102.6
p1 Cal 6-250ng_CS_r	6	✓	250.0	213.2	85.3
p1 Cal 7-500ng_CS_r	7	✗	500.0	362.3	72.5
p1 Cal 8-1000ng_CS	8	✗	1000.0	566.7	56.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS
 Cases.batch.bin
Last Cal. Update 6/20/2024 7:51 AM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng_CS	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng_CS	2	✓	10.0	9.8	97.6
p1 Cal 3 -25ng_CS	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng_CS	4	✓	50.0	50.7	101.4
p1 Cal 5-100ng_CS	5	✓	100.0	100.5	100.5
p1 Cal 6-250ng_CS_r	6	✓	250.0	244.4	97.7
p1 Cal 7-500ng_CS_r	7	✓	500.0	491.0	98.2
p1 Cal 8-1000ng_CS	8	✓	1000.0	1034.8	103.5



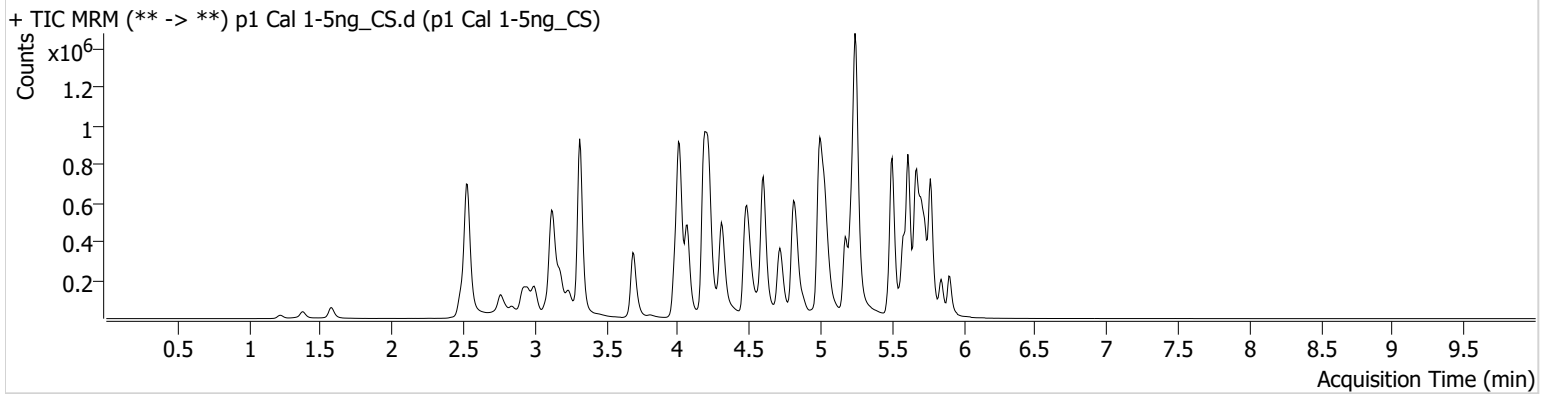
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 1-5ng_CS.d
Type Cal **Sample** p1 Cal 1-5ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-A1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 8:39:37 PM
Sample Info.

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	4.217	35866	2359.28	75.6	28575.26	344541	4.7877 ng/ml
Alprazolam	5.734	56602	504.96	98.2	193.08	424757	5.0076 ng/ml
Amphetamine	2.999	202477	283.39	50.0	83.77	479666	4.9537 ng/ml
Bromazolam	5.773	28777	1789.37	113.2	54248.83	254778	4.8757 ng/ml
Buprenorphine	5.710	2512	182.19	16.8	172.63	206464	0.4857 ng/ml
Bupropion	4.731	133827	5507.78	62.2	1669.65	826051	5.0254 ng/ml
Citalopram	5.173	97328	1498.83	34.2	285.70	897596	5.1350 ng/ml
Clonazepam	5.570	55041	823.49	36.7	36823.44	165241	4.7643 ng/ml
Dextromethorphan	5.230	54898	609.90	85.6	105460.57	561483	5.0826 ng/ml
Dextrorphan	4.068	36231	726.91	206.9	120814.09	903915	5.0772 ng/ml
Diphenhydramine	5.251	250419	331.09	31.4	5156.10	3009599	5.1758 ng/ml
EDDP	5.215	74413	232.15	40.5	1543.76	764814	5.1223 ng/ml
Fentanyl	5.049	10111	146.01	70.7	1977.19	941507	0.5163 ng/ml
Fluorofentanyl	5.103	21621	508.32	46.1	6844.10	11566	0.5931 ng/ml
Fluoxetine	5.666	83203	42969.73	7.6	66.63	702566	5.1679 ng/ml
Hydroxyzine	5.656	104860	7536.82	69.4	1331.28	561483	5.2240 ng/ml
Ketamine	4.001	78559	168.77	34.0	94.90	690879	4.7892 ng/ml
Lamotrigine	4.225	7554	2219.73	77.1	1664.24	1969715	4.8744 ng/ml
Lorazepam	5.706	40856	315.98	50.4	63.92	629321	4.9701 ng/ml
Methadone	5.618	147836	2909.06	54.5	532.58	1376816	5.1481 ng/ml
Methamphetamine	3.182	383995	244.86	37.1	1131.59	1182280	4.8864 ng/ml
Metoprolol	4.279	21620	381.56	102.5	417.03	1888902	4.8732 ng/ml
Mirtazapine	4.580	146326	977.56	56.0	194.27	974801	5.0591 ng/ml
Mitragynine	5.177	32268	1201.95	34.3	343.27	1376816	4.9168 ng/ml
Norbuprenorphine	4.951	534	679.99	80.3	528.40	30161	0.5286 ng/ml
Norfentanyl	4.035	16118	14426.84	38.6	63.55	1559999	0.5178 ng/ml
Promethazine	5.503	134628	292.17	30.2	629.84	1521141	5.1361 ng/ml
Pseudoephedrine	2.538	213362	8825.39	15.9	1607.77	1969715	5.1438 ng/ml
Quetiapine	5.498	111689	1452.02	54.7	14062.11	324807	4.8605 ng/ml
Sertraline	5.735	21903	172.22	86.3	292.83	197252	5.0532 ng/ml



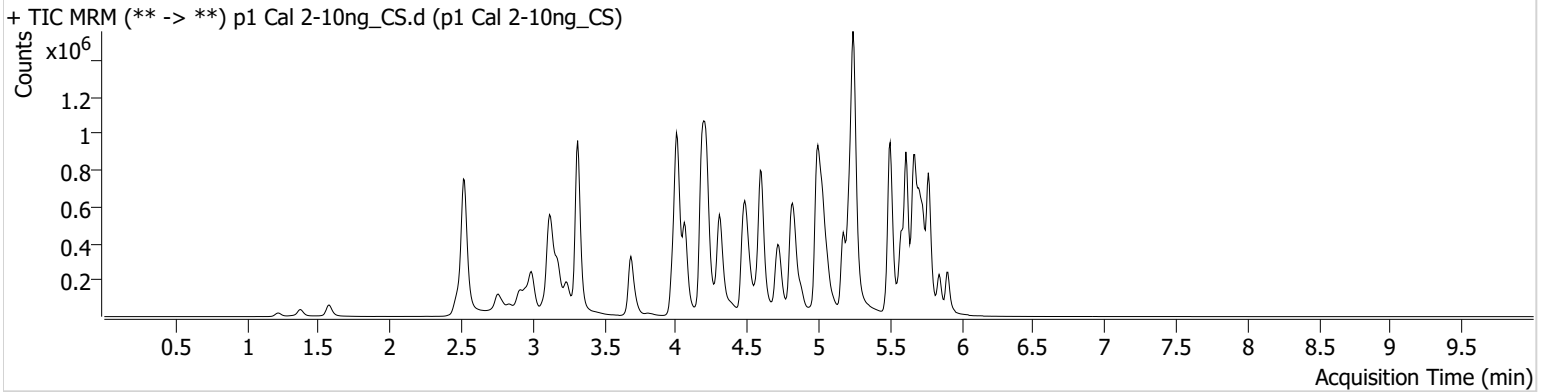
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng_CS.d
Type Cal **Sample** p1 Cal 2-10ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-B1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 8:50:24 PM
Sample Info.

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	4.217	71642	123.51	73.1	3650.71	332205	10.4414 ng/ml
Alprazolam	5.734	106906	1974.66	106.4	363.29	400828	9.9402 ng/ml
Amphetamine	2.992	380035	2814.69	47.8	10318.51	469422	10.0787 ng/ml
Bromazolam	5.773	56015	92287.85	116.3	107808.98	241936	10.2783 ng/ml
Buprenorphine	5.710	5144	15425.38	17.3	1050.81	196698	1.0209 ng/ml
Bupropion	4.731	255488	6967.79	61.8	2371.93	784972	9.8889 ng/ml
Citalopram	5.173	177271	290.54	36.9	2276.52	837256	9.5343 ng/ml
Clonazepam	5.570	109209	525.70	37.2	190.51	158365	10.5619 ng/ml
Dextromethorphan	5.230	102877	187.30	85.9	613.68	527824	9.7053 ng/ml
Dextrorphan	4.068	67471	1146.10	209.2	327.72	836711	9.8729 ng/ml
Diphenhydramine	5.251	475139	38607.09	30.8	157.38	2870661	9.5651 ng/ml
EDDP	5.215	158491	732.43	42.0	484.48	828144	9.6435 ng/ml
Fentanyl	5.049	16868	517.78	82.0	9409.92	885795	0.9361 ng/ml
Fluorofentanyl	5.103	42658	793.47	41.7	934.13	10131	1.0312 ng/ml
Fluoxetine	5.666	162498	297.05	8.3	16593.32	684223	9.6485 ng/ml
Hydroxyzine	5.656	194367	1380.44	69.6	5103.66	527824	9.4373 ng/ml
Ketamine	3.994	148304	414.33	34.4	127.06	648918	10.4143 ng/ml
Lamotrigine	4.218	14001	936.81	84.3	14318.15	1889757	10.1011 ng/ml
Lorazepam	5.706	75524	1135.51	51.5	245.59	588276	10.3322 ng/ml
Methadone	5.618	276441	465.15	55.0	500.84	1261381	9.6759 ng/ml
Methamphetamine	3.182	512931	1950.97	37.4	3680.03	1137419	10.0865 ng/ml
Metoprolol	4.272	41793	283.89	106.7	1154.52	1794630	10.1083 ng/ml
Mirtazapine	4.573	280426	92284.26	57.0	975.72	934015	9.7269 ng/ml
Mitragynine	5.177	62148	2164.08	34.0	20006.76	1261381	10.1484 ng/ml
Norbuprenorphine	4.951	792	180.87	109.5	1412.55	30926	0.9329 ng/ml
Norfentanyl	4.035	31978	361.37	37.7	206.95	1511935	0.9558 ng/ml
Promethazine	5.503	269271	49989.22	29.6	204.15	1475844	9.7111 ng/ml
Pseudoephedrine	2.532	404183	281.99	16.5	1606.40	1889757	9.7103 ng/ml
Quetiapine	5.498	210066	6848.55	55.7	427.72	306246	10.1654 ng/ml
Sertraline	5.735	47158	2843.96	93.5	1443.33	212894	9.7637 ng/ml



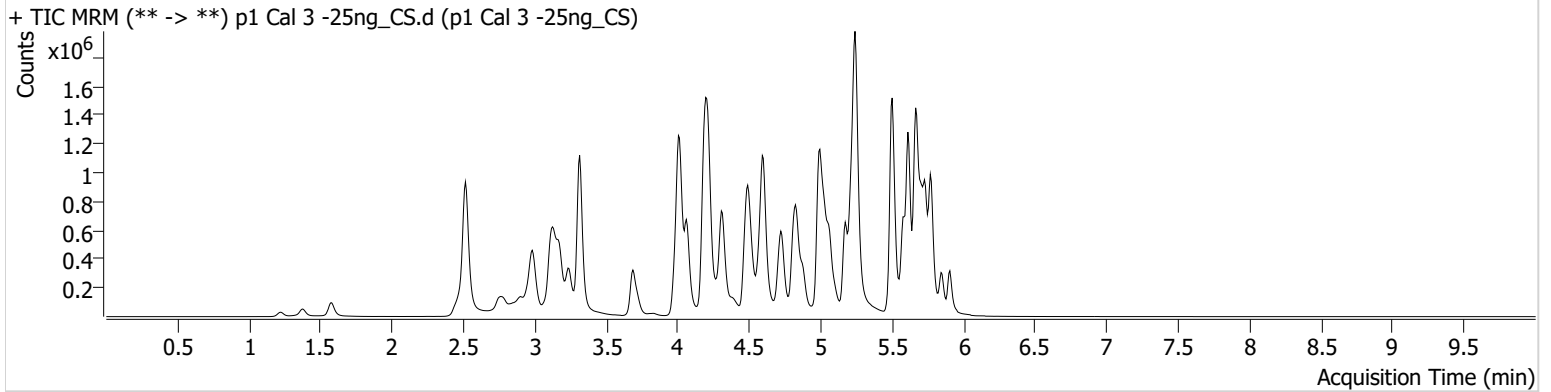
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) Data File p1 Cal 3 -25ng_CS.d
Type Cal Sample p1 Cal 3 -25ng_CS
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-C1 Comment
Injection Volume 2
Acq. Date-Time 6/15/2024 9:01:02 PM
Sample Info.

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	4.217	165636	468468.87	76.5	178954.36	313098	26.3225 ng/ml
Alprazolam	5.734	250453	1626.67	104.9	721.14	375861	24.7111 ng/ml
Amphetamine	2.986	905830	4064.77	46.3	12582.83	453500	25.7904 ng/ml
Bromazolam	5.773	128517	45789.94	114.9	14729.94	223713	25.9026 ng/ml
Buprenorphine	5.710	14165	782.50	11.9	∞	203171	2.6883 ng/ml
Bupropion	4.731	641102	1329.45	61.9	496.17	773502	24.8648 ng/ml
Citalopram	5.173	460230	607.48	35.7	311.44	812523	24.6404 ng/ml
Clonazepam	5.570	222928	4829.22	38.3	2094.79	133802	26.4418 ng/ml
Dextromethorphan	5.223	272576	1632155.92	84.5	324.98	532142	24.8065 ng/ml
Dextrorphan	4.068	165429	296.47	210.8	561.49	822238	24.1286 ng/ml
Diphenhydramine	5.244	1222567	61235.67	30.8	3278.96	2818420	23.8705 ng/ml
EDDP	5.215	405074	270.55	40.4	33532.79	804307	24.6487 ng/ml
Fentanyl	5.049	46088	140.39	77.2	535.81	928909	2.4816 ng/ml
Fluorofentanyl	5.103	118219	1145.17	43.1	61580.77	10661	2.3183 ng/ml
Fluoxetine	5.673	537665	471.57	8.3	677.10	881462	23.6654 ng/ml
Hydroxyzine	5.656	533171	1093.58	70.7	87278.05	532142	24.1490 ng/ml
Ketamine	3.994	352208	800.49	36.6	303.83	630378	26.5884 ng/ml
Lamotrigine	4.218	34126	445.76	81.9	304.00	1787110	27.1935 ng/ml
Lorazepam	5.706	152484	1911.74	56.5	180.31	507443	24.8744 ng/ml
Methadone	5.618	736727	1224.12	54.2	315.35	1286215	23.9999 ng/ml
Methamphetamine	3.175	921886	6939.28	37.1	747.52	1090623	26.3386 ng/ml
Metoprolol	4.272	106729	90317.99	104.4	1759.96	1754869	26.6999 ng/ml
Mirtazapine	4.573	708942	2496.77	55.3	2010.36	892437	25.0911 ng/ml
Mitragynine	5.177	162570	10959.04	34.3	75464.43	1286215	25.7675 ng/ml
Norbuprenorphine	4.944	1604	126.57	95.9	2437.23	30624	2.2969 ng/ml
Norfentanyl	4.028	79926	79.68	38.2	524.72	1407875	2.3978 ng/ml
Promethazine	5.503	781835	806.32	29.6	437.15	1655328	23.8265 ng/ml
Pseudoephedrine	2.525	970278	7438.41	16.2	10038.51	1787110	23.9449 ng/ml
Quetiapine	5.498	526275	428317.66	56.9	16077.25	297133	26.9948 ng/ml
Sertraline	5.735	191105	6518.76	90.8	58995.90	330196	24.9974 ng/ml

AM #28 Multi-Drug Quant. Results

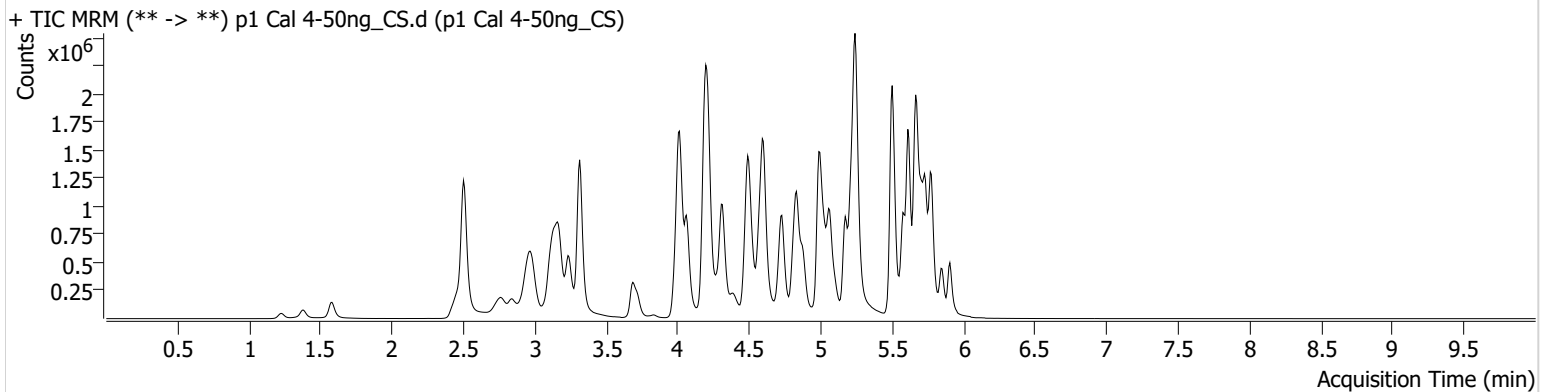


Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 4-50ng_CS.d
Type Cal **Sample** p1 Cal 4-50ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-D1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 9:11:40 PM
Sample Info.

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	4.217	317034	194.29	74.1	4729.12	293987	54.1641 ng/ml
Alprazolam	5.734	487306	776.76	102.3	714.91	350755	51.4326 ng/ml
Amphetamine	2.972	1697634	509.34	47.3	9182.27	439015	50.5186 ng/ml
Bromazolam	5.773	238757	36899.78	113.5	323713.41	207848	52.0647 ng/ml
Buprenorphine	5.710	24846	21195.23	14.2	4882.96	186365	5.1223 ng/ml
Bupropion	4.731	1243667	20769.91	61.3	987.81	732724	50.7041 ng/ml
Citalopram	5.173	857943	23893.28	36.1	596.11	751186	49.1588 ng/ml
Clonazepam	5.570	459500	6746.15	37.7	14314.98	139126	53.0577 ng/ml
Dextromethorphan	5.223	505015	302.18	82.8	7409.21	486282	49.8530 ng/ml
Dextrorphan	4.068	317815	987.34	209.4	61057.63	772069	49.0138 ng/ml
Diphenhydramine	5.251	2286686	9559.63	31.8	106633.01	2599957	47.6397 ng/ml
EDDP	5.215	730878	10340.18	41.9	881.31	735302	48.2125 ng/ml
Fentanyl	5.049	83353	6654.63	75.0	97.76	838097	5.0011 ng/ml
Fluorofentanyl	5.103	218950	1653.09	42.4	19991.46	9644	4.4915 ng/ml
Fluoxetine	5.666	872598	9257.20	7.9	34148.01	699185	47.6764 ng/ml
Hydroxyzine	5.656	944669	15511.97	73.5	7676.24	486282	45.9882 ng/ml
Ketamine	3.994	671613	528.82	35.6	902.12	597177	54.3103 ng/ml
Lamotrigine	4.218	62234	102.10	85.0	78271.36	1703727	52.6902 ng/ml
Lorazepam	5.706	246646	875465.63	55.8	705.22	437572	47.1106 ng/ml
Methadone	5.618	1348718	1118.06	55.1	1506.92	1169522	47.5109 ng/ml
Methamphetamine	3.175	1598544	11138.35	37.0	396.63	1068109	53.1833 ng/ml
Metoprolol	4.272	204432	2487.82	103.2	109307.92	1698823	53.0120 ng/ml
Mirtazapine	4.573	1367905	2407.01	55.3	28481.10	845305	50.7063 ng/ml
Mitragynine	5.177	297518	239563.16	34.4	71501.73	1169522	51.6893 ng/ml
Norbuprenorphine	4.951	2845	65.68	109.4	2930.87	30512	4.3827 ng/ml
Norfentanyl	4.028	149481	3779.87	37.6	197.39	1313757	4.7059 ng/ml
Promethazine	5.503	1392386	17830.32	29.0	24349.93	1406501	49.0346 ng/ml
Pseudoephedrine	2.511	1861362	54719.97	16.5	29517.24	1703727	47.7202 ng/ml
Quetiapine	5.498	971744	110034.39	57.8	75012.90	283594	52.6655 ng/ml
Sertraline	5.735	280505	1152.18	88.8	40521.47	237366	50.7092 ng/ml



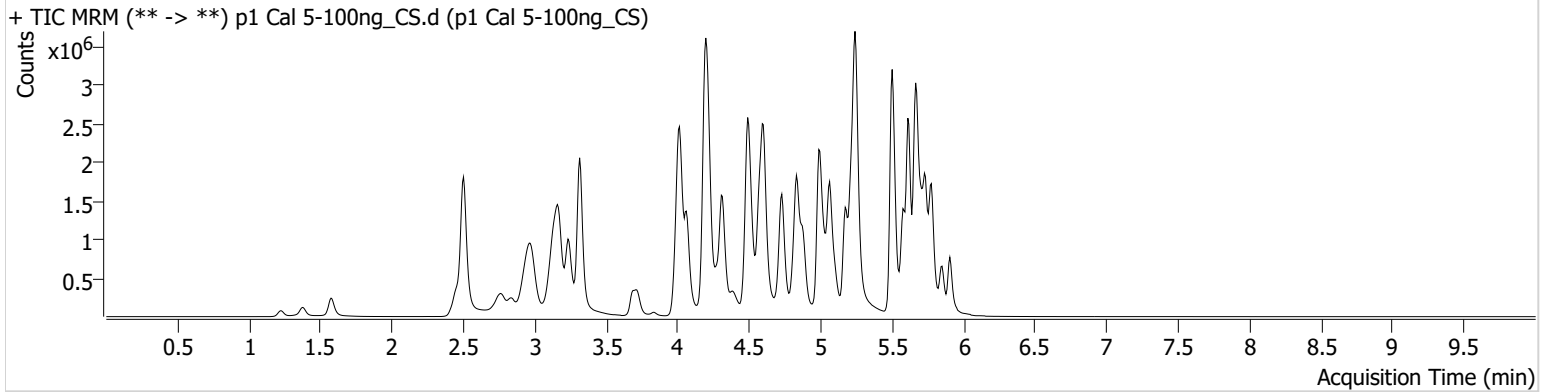
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 5-100ng_CS.d
Type Cal **Sample** p1 Cal 5-100ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 9:22:19 PM
Sample Info.

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	4.217	507189	19698.37	76.7	7493.36	244056	104.8320 ng/ml
Alprazolam	5.734	881822	664.48	103.2	940.32	312341	104.4335 ng/ml
Amphetamine	2.972	3066956	9603.52	46.5	781.18	420078	95.9407 ng/ml
Bromazolam	5.773	402101	504471.91	117.7	607061.08	183228	99.7120 ng/ml
Buprenorphine	5.710	46959	19139.22	13.8	5363.56	173219	10.3947 ng/ml
Bupropion	4.731	2398443	1404947.37	61.5	895.19	718256	99.5553 ng/ml
Citalopram	5.173	1640977	1477.17	35.8	541.65	699306	100.4559 ng/ml
Clonazepam	5.570	786444	8948.21	36.2	8905.14	118277	107.4783 ng/ml
Dextromethorphan	5.223	936259	367.65	83.2	16080.22	451713	99.0691 ng/ml
Dextrorphan	4.068	601896	2512.76	211.2	907.91	723355	98.7318 ng/ml
Diphenhydramine	5.251	4394483	86377.17	30.6	25048.45	2418154	97.6480 ng/ml
EDDP	5.215	1377022	13269.15	41.9	361.37	675646	98.3866 ng/ml
Fentanyl	5.049	161629	393.31	76.7	143321.20	818915	9.9509 ng/ml
Fluorofentanyl	5.103	424426	1003.00	41.9	2153.91	8784	9.2847 ng/ml
Fluoxetine	5.673	1465087	837.50	8.0	1054.12	576445	96.3554 ng/ml
Hydroxyzine	5.656	1793793	41346.80	74.7	1244722.41	451713	93.0804 ng/ml
Ketamine	3.994	1252307	2510.99	36.3	11983.52	578738	105.2164 ng/ml
Lamotrigine	4.218	110719	84.32	87.1	18133.67	1625260	98.8999 ng/ml
Lorazepam	5.706	351667	4342.83	54.5	1791.84	319946	92.3543 ng/ml
Methadone	5.618	2594593	2040.25	54.7	1715.86	1114020	95.1382 ng/ml
Methamphetamine	3.168	2926605	2781.18	36.6	625.52	1050162	106.3593 ng/ml
Metoprolol	4.272	394770	61806.62	103.6	10136.64	1667051	104.5010 ng/ml
Mirtazapine	4.573	2610380	237.52	54.8	1894.20	830066	98.1698 ng/ml
Mitragynine	5.177	567118	224945.39	34.2	1655.04	1114020	103.2663 ng/ml
Norbuprenorphine	4.944	6155	833.89	89.8	5888.20	28689	10.5705 ng/ml
Norfentanyl	4.028	271141	68298.82	38.2	1100.18	1139532	9.7323 ng/ml
Promethazine	5.503	2544903	13516.81	30.2	8117.23	1322286	94.5497 ng/ml
Pseudoephedrine	2.505	3554153	74894.44	16.1	78.29	1625260	95.0592 ng/ml
Quetiapine	5.498	1810547	16197.27	58.2	3285.94	272513	102.5593 ng/ml
Sertraline	5.735	463675	588.25	88.1	421.20	197444	100.4567 ng/ml

AM #28 Multi-Drug Quant. Results

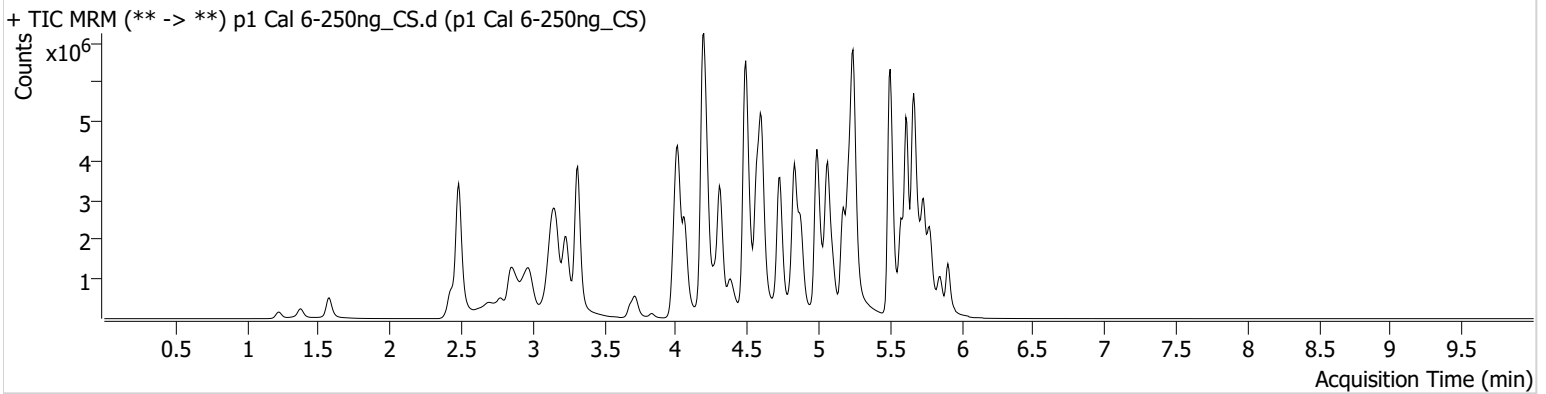


Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 6-250ng_CS.d
Type Sample **Sample** p1 Cal 6-250ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-F1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 9:32:57 PM
Sample Info.

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 Calibrator was reinjected due to low ISTD for some compounds



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	867056	8088.40	75.4	201391.92	184222	238.0374 ng/ml
Alprazolam	5.734	1737726	∞	101.6	790.44	252846	254.1041 ng/ml
Amphetamine	2.972	3381466	10044.83	47.4	16316.23	112841	395.7441 ng/ml
Bromazolam	5.766	721805	1122639.37	119.2	534195.10	127315	258.0271 ng/ml
Buprenorphine	5.710	109941	175197.09	13.8	10359.07	166712	25.2578 ng/ml
Bupropion	4.731	5962819	90953.04	61.4	17524.84	696272	255.0000 ng/ml
Citalopram	5.173	3709554	837586.92	34.9	797.74	636580	248.6974 ng/ml
Clonazepam	5.563	1242466	24619.47	36.3	6112.76	86824	232.0627 ng/ml
Dextromethorphan	5.223	2076133	7268.49	81.5	367.06	392781	251.9786 ng/ml
Dextrorphan	4.068	1372723	1042.90	213.3	10270.10	649775	250.1532 ng/ml
Diphenhydramine	5.244	10362960	24863.38	30.7	9022.34	2188236	253.2794 ng/ml
EDDP	5.215	3403100	84639.90	41.1	6520.11	650349	251.9051 ng/ml
Fentanyl	5.042	415898	1092956.95	74.8	329306.33	831128	25.2699 ng/ml
Fluorofentanyl	5.096	1104981	12766.80	43.3	2485.58	9519	21.9654 ng/ml
Fluoxetine	5.673	2976900	1028.03	7.9	131850.02	461230	243.5958 ng/ml
Hydroxyzine	5.656	4245013	83952.21	75.1	747730.31	392781	251.7954 ng/ml
Ketamine	3.994	2765370	69736.41	35.6	462.76	562782	239.9210 ng/ml
Lamotrigine	4.225	199146	177.84	90.1	80502.59	1494986	194.0916 ng/ml
Lorazepam	5.706	437594	7303.74	55.5	1573.64	168234	219.2580 ng/ml
Methadone	5.618	6312278	2634.73	54.2	999.11	1018980	251.7201 ng/ml
Methamphetamine	3.161	6874782	46474.27	36.4	1210.25	1082789	253.1818 ng/ml
Metoprolol	4.272	862136	1487816.28	104.7	1422.33	1486461	256.2160 ng/ml
Mirtazapine	4.573	6354233	161565.87	54.2	28884.60	795346	248.7949 ng/ml
Mitragynine	5.177	1305026	1892.55	34.4	1711.47	1018980	259.5369 ng/ml
Norbuprenorphine	4.944	14634	15841.42	93.5	27821.40	29808	24.6693 ng/ml
Norfentanyl	4.028	521270	24503.43	38.2	515.96	837366	25.3013 ng/ml
Promethazine	5.503	6447280	95972.34	29.4	27426.34	1249405	252.1167 ng/ml
Pseudoephedrine	2.484	8374498	162.31	15.9	107.21	1494986	242.7871 ng/ml
Quetiapine	5.492	4026225	43028.79	59.1	10326.56	271639	229.3825 ng/ml
Sertraline	5.735	986818	965.17	90.2	949.23	162183	259.7731 ng/ml



AM #28 Multi-Drug Quant. Results

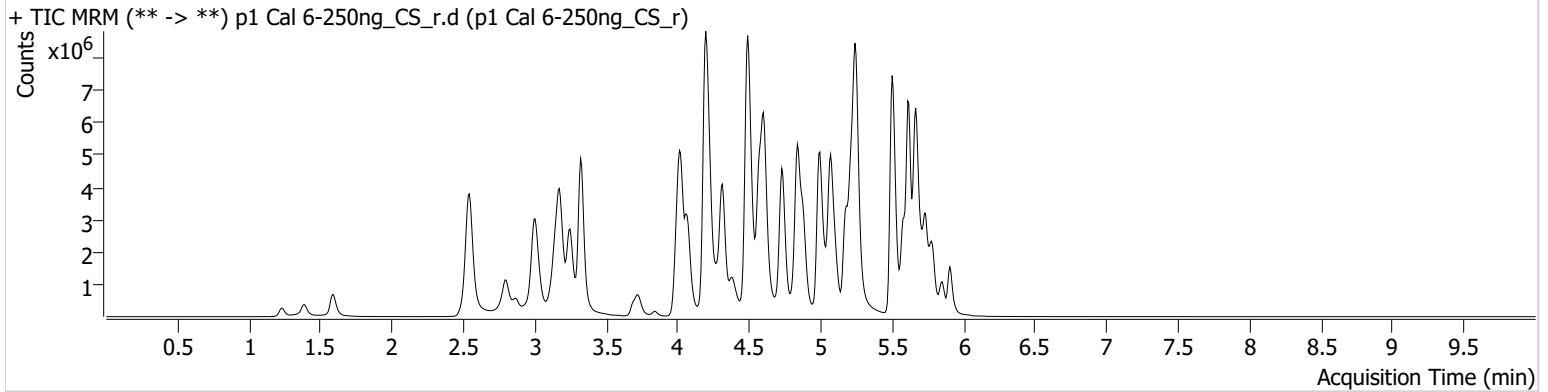
Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) Data File p1 Cal 6-250ng_CS_r.d
Type Cal Sample p1 Cal 6-250ng_CS_r
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-F1 Comment
Injection Volume 2
Acq. Date-Time 6/17/2024 4:27:11 PM
Sample Info.

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.

Reinjected calibrator- used for analysis

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	993295	11191.90	78.6	13983.84	196691	255.4427 ng/ml
Alprazolam	5.734	2065879	980.52	106.5	2204.42	322429	236.9012 ng/ml
Amphetamine	3.006	6455915	113779.40	48.3	48427.76	506182	168.0714 ng/ml
Bromazolam	5.766	789002	901015.24	116.1	2080.85	139800	256.8581 ng/ml
Buprenorphine	5.724	134294	899.36	14.6	22555.71	208705	24.6453 ng/ml
Bupropion	4.731	7811417	1734.69	61.0	2778.59	912342	254.9411 ng/ml
Citalopram	5.173	4496658	297598.30	38.4	609.66	745615	257.3640 ng/ml
Clonazepam	5.570	1469322	8592.02	35.8	4922.87	98426	242.1138 ng/ml
Dextromethorphan	5.223	2545690	666.78	78.0	671.79	479297	253.1958 ng/ml
Dextrorphan	4.068	1775621	2567.59	210.8	4206.39	836255	251.4172 ng/ml
Diphenhydramine	5.251	12879862	112826.82	30.4	2378.42	2650754	259.8483 ng/ml
EDDP	5.215	4813894	660.89	41.6	874.60	926359	250.1675 ng/ml
Fentanyl	5.049	521848	7771.51	79.3	161224.51	1004433	26.2376 ng/ml
Fluorofentanyl	5.103	1413805	31158.59	41.5	451778.30	10632	25.1267 ng/ml
Fluoxetine	5.673	2713834	263877.10	7.8	1629.34	401368	255.1560 ng/ml
Hydroxyzine	5.656	5194052	1275.21	76.1	2711246.53	479297	252.4741 ng/ml
Ketamine	3.994	3435185	187835.00	37.3	2877.89	704162	238.1895 ng/ml
Lamotrigine	4.232	252303	135.89	86.9	2418.78	1663299	221.1177 ng/ml
Lorazepam	5.706	501232	11827.68	51.1	2682.81	178167	237.1855 ng/ml
Methadone	5.618	9047289	1296.90	46.0	2034.61	1386217	265.1639 ng/ml
Methamphetamine	3.175	8345715	41094.93	36.9	1106.61	1355351	245.2875 ng/ml
Metoprolol	4.279	1023832	2043614.38	104.5	6996.08	1871662	241.6386 ng/ml
Mirtazapine	4.573	8208301	112448.63	49.3	2515.74	1001129	255.3172 ng/ml
Mitragynine	5.184	1576385	46932.69	35.0	3867.46	1386217	230.4691 ng/ml
Norbuprenorphine	4.951	17731	222.87	92.1	28564.58	33253	26.8264 ng/ml
Norfentanyl	4.035	575515	33679.64	38.2	22373.39	887433	26.3540 ng/ml
Promethazine	5.503	7252109	4580.28	28.9	2099.93	1384240	255.9527 ng/ml
Pseudoephedrine	2.545	9767904	143.01	15.6	1472.81	1663299	254.5055 ng/ml
Quetiapine	5.498	5197885	811.23	59.1	8447862.88	377309	213.1648 ng/ml
Sertraline	5.735	662821	∞	91.0	17616.19	115813	244.3625 ng/ml



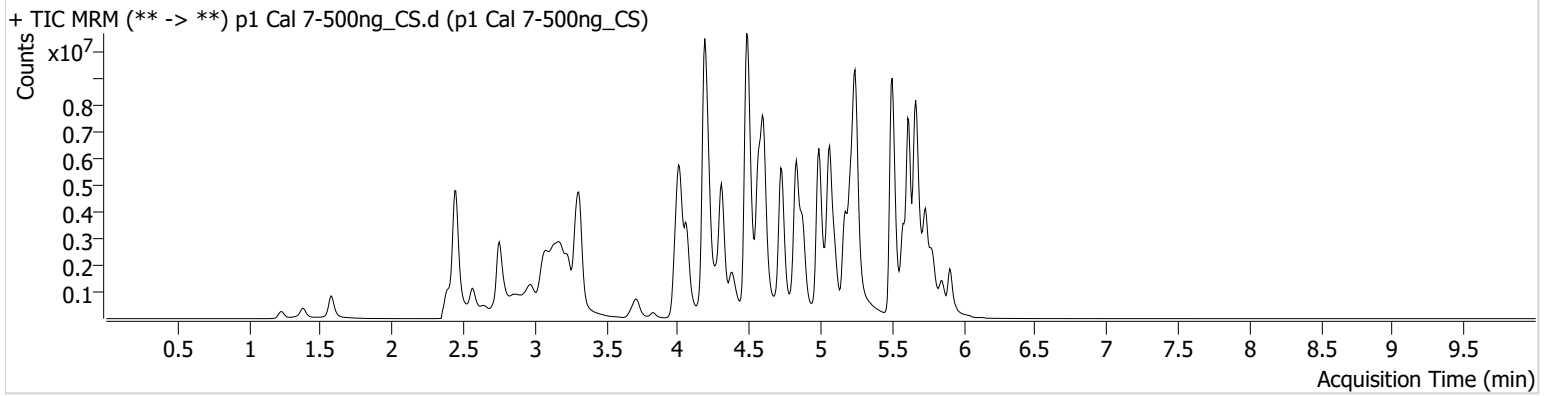
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng_CS.d
Type Sample **Sample** p1 Cal 7-500ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 9:43:35 PM
Sample Info.

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 Calibrator was reinjected due to low ISTD for some compounds



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.217	990941	4698.42	76.0	44546.53	104933	478.1023 ng/ml
Alprazolam	5.734	2340064	716.07	97.6	1505.73	168964	511.9740 ng/ml
Amphetamine	2.972	4185685	11016.48	46.7	86826.02	48626	1137.9562 ng/ml
Bromazolam	5.766	948170	765445.60	114.0	1556897.52	86851	497.1113 ng/ml
Buprenorphine	5.710	170059	253433.58	13.9	21203.97	127384	51.1108 ng/ml
Bupropion	4.724	9836647	553560.60	60.3	70981.12	576523	507.8357 ng/ml
Citalopram	5.166	5450727	1526.74	34.7	∞	466754	497.8705 ng/ml
Clonazepam	5.563	1364074	13994.73	37.4	9959.21	56487	392.0558 ng/ml
Dextromethorphan	5.223	3137953	28399.71	79.5	1098.93	294269	507.9105 ng/ml
Dextrorphan	4.062	2131495	1013.43	213.6	1400.72	498380	506.0732 ng/ml
Diphenhydramine	5.244	15872114	259399.98	30.9	22187.08	1615440	524.6836 ng/ml
EDDP	5.215	5304881	1188.88	40.2	1006.39	518648	491.9663 ng/ml
Fentanyl	5.042	702951	7696.39	75.9	811254.78	712236	49.8666 ng/ml
Fluorofentanyl	5.096	2092345	202621.50	41.9	11728.35	7999	49.1933 ng/ml
Fluoxetine	5.673	4957305	153150.37	7.5	4422.10	345569	540.5499 ng/ml
Hydroxyzine	5.656	6740557	16059.84	76.3	60312.09	294269	532.6726 ng/ml
Ketamine	3.987	4224937	∞	34.8	609.18	450042	459.0876 ng/ml
Lamotrigine	4.225	260573	812.29	88.8	92733.46	1124746	338.1000 ng/ml
Lorazepam	5.706	478090	12167.06	54.9	1016.13	86359	467.2433 ng/ml
Methadone	5.618	10300942	102312.92	53.4	3389.76	809760	516.0723 ng/ml
Methamphetamine	3.161	7326945	59896.03	36.3	793.90	485169	613.9267 ng/ml
Metoprolol	4.272	1250938	9145.70	104.8	56826.19	1222619	452.1327 ng/ml
Mirtazapine	4.566	10176467	4844.56	52.6	92236.61	625615	506.1464 ng/ml
Mitragynine	5.177	1964925	149904.36	34.5	1591.33	809760	491.5873 ng/ml
Norbuprenorphine	4.944	26462	32943.74	95.0	22995.76	24703	54.2711 ng/ml
Norfentanyl	4.028	663715	48767.58	38.5	3466.58	523034	51.4725 ng/ml
Promethazine	5.503	11020003	119299.30	28.4	20653.02	1029750	521.9639 ng/ml
Pseudoephedrine	2.451	13221092	155.00	15.3	107301.09	1124746	508.9651 ng/ml
Quetiapine	5.492	5753467	67247.53	58.2	209851.78	222744	400.0908 ng/ml
Sertraline	5.735	1830373	12305.95	89.3	881.48	150244	519.8026 ng/ml

AM #28 Multi-Drug Quant. Results



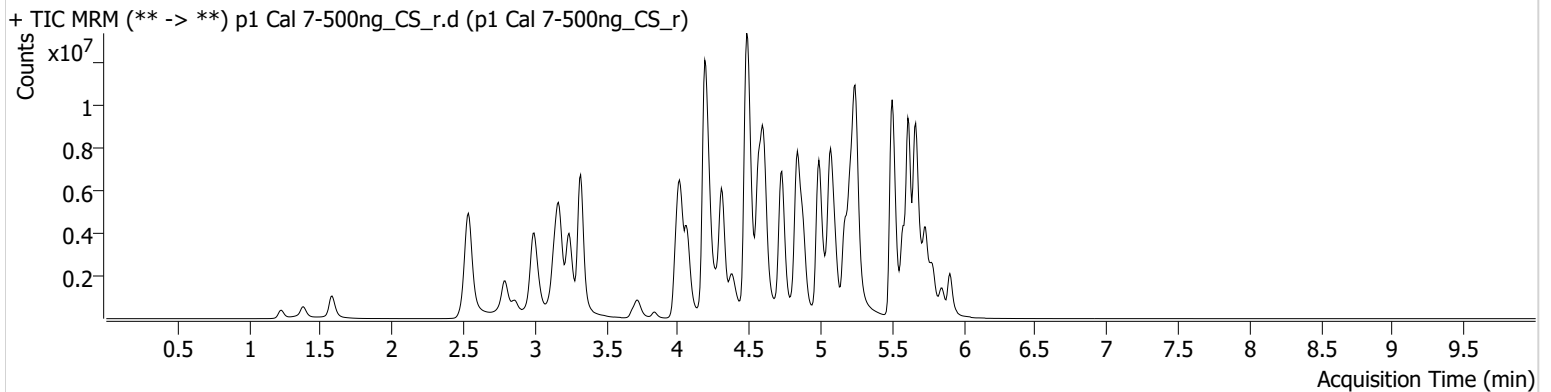
Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 7-500ng_CS_r.d
Type Cal **Sample** p1 Cal 7-500ng_CS_r
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G1 **Comment**
Injection Volume 2
Acq. Date-Time 6/17/2024 4:37:59 PM
Sample Info.

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.

Reinjected calibrator- used for analysis

Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
7-aminoclonazepam	4.223	1033819	41685.56	79.5	6440.84	112290	466.0985 ng/ml
Alprazolam	5.734	2858903	1080.71	106.7	1035.30	221238	477.7056 ng/ml
Amphetamine	2.999	8644077	56122.50	48.4	152.19	413201	276.0798 ng/ml
Bromazolam	5.766	1000762	25332.48	121.2	921550.21	96624	471.6021 ng/ml
Buprenorphine	5.724	197758	18230.60	14.3	25951.45	163295	46.3666 ng/ml
Bupropion	4.731	12666350	2260.00	60.6	14051.56	744556	506.3468 ng/ml
Citalopram	5.166	6430346	∞	39.9	1277.83	555040	493.9286 ng/ml
Clonazepam	5.563	1648327	11022.98	35.6	14966.79	64577	414.4434 ng/ml
Dextromethorphan	5.216	3751480	1459.20	78.0	9088.72	346014	516.4021 ng/ml
Dextrorphan	4.068	2649316	35726.69	217.0	17043.41	617210	507.9130 ng/ml
Diphenhydramine	5.244	19204140	2380.20	30.6	1662.10	1933360	530.4311 ng/ml
EDDP	5.209	7542400	2530.57	40.7	364.97	702028	516.7357 ng/ml
Fentanyl	5.042	915330	1827.14	80.7	1047.22	918511	50.3506 ng/ml
Fluorofentanyl	5.103	2588593	31035.34	41.1	128914.11	9507	51.1965 ng/ml
Fluoxetine	5.673	4294873	1224.87	7.7	1527.24	314960	513.8653 ng/ml
Hydroxyzine	5.656	8198474	544207.19	76.6	53744.40	346014	550.9653 ng/ml
Ketamine	3.987	4920713	126664.24	37.2	5248.24	568741	423.0375 ng/ml
Lamotrigine	4.232	299567	76259.06	84.0	57994.80	1196233	365.5269 ng/ml
Lorazepam	5.706	609182	9123.82	48.9	2182.91	99194	518.3786 ng/ml
Methadone	5.618	14064546	100323.25	47.0	429676.06	1058559	538.9788 ng/ml
Methamphetamine	3.175	12541494	60629.53	36.3	68972.62	1189478	426.0615 ng/ml
Metoprolol	4.272	1471221	3544.55	103.3	78956.71	1486439	437.3671 ng/ml
Mirtazapine	4.566	13072630	191095.40	48.3	69301.71	780807	520.9501 ng/ml
Mitragynine	5.177	2465604	1407.14	35.8	1247.75	1058559	471.8732 ng/ml
Norbuprenorphine	4.944	30136	6269.32	96.2	28251.66	29525	51.6936 ng/ml
Norfentanyl	4.035	691436	642.19	38.4	2205.67	518895	54.0450 ng/ml
Promethazine	5.503	12176988	1586.03	28.3	2656.36	1120517	530.0313 ng/ml
Pseudoephedrine	2.538	14447606	110441.67	15.3	122.91	1196233	522.9313 ng/ml
Quetiapine	5.498	7364440	39903.27	58.9	270512.03	314815	362.2975 ng/ml
Sertraline	5.735	1162393	2445.48	92.7	1369.56	101007	491.0360 ng/ml



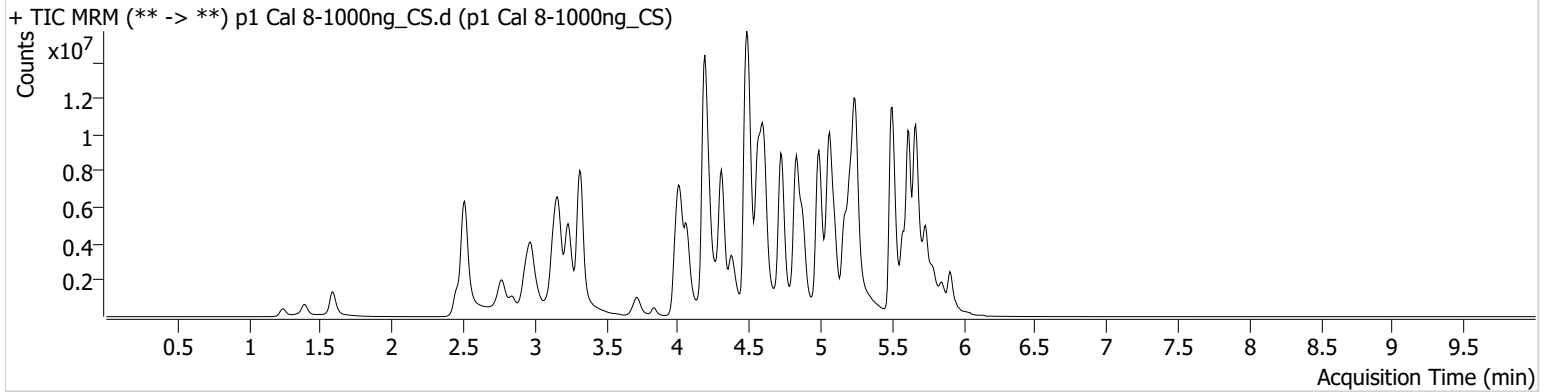
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2024\AM 27 28\061424 AM 27 28 TS CS\QuantResults\AM 28 CS Cases.batch.bin
Calibration Last Update 6/20/2024 7:51:26 AM

Instrument Falco (069901) **Data File** p1 Cal 8-1000ng_CS.d
Type Cal **Sample** p1 Cal 8-1000ng_CS
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-H1 **Comment**
Injection Volume 2
Acq. Date-Time 6/15/2024 9:54:13 PM
Sample Info.

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	4.223	934853	∞	67.5	17032.53	55069	859.8402 ng/ml
Alprazolam	5.734	3034237	1547.88	108.8	275.53	107842	1040.0184 ng/ml
Amphetamine	2.979	12101625	163196.06	47.3	81111.68	285361	560.3089 ng/ml
Bromazolam	5.766	1146060	1231.45	117.4	804.33	54838	951.8768 ng/ml
Buprenorphine	5.710	233218	111917.98	14.1	398.12	93435	95.5430 ng/ml
Bupropion	4.724	16770324	56470.45	61.0	470514.07	514840	969.3450 ng/ml
Citalopram	5.166	7782905	116034.64	34.0	333311.65	322319	1028.8999 ng/ml
Clonazepam	5.563	1480739	8452.95	36.8	1350.41	33470	718.7990 ng/ml
Dextromethorphan	5.216	4281296	1162.38	79.3	∞	206448	987.3514 ng/ml
Dextrorphan	4.062	3317022	2102.59	215.1	240394.43	376177	1043.0312 ng/ml
Diphenhydramine	5.244	23105919	343910.46	32.3	20812.80	1204164	1023.9826 ng/ml
EDDP	5.209	9382160	2643.26	39.8	16998.00	432460	1042.9920 ng/ml
Fentanyl	5.042	1238058	80932.34	78.5	14012.50	634077	98.6785 ng/ml
Fluorofentanyl	5.096	3944375	507971.44	42.9	6174.10	7402	99.9580 ng/ml
Fluoxetine	5.673	5621103	66435.01	7.4	91744.90	194279	1089.5109 ng/ml
Hydroxyzine	5.656	9623804	176381.21	78.6	80527.32	206448	1083.1212 ng/ml
Ketamine	3.987	5729529	299551.32	34.5	1903.87	382808	732.3886 ng/ml
Lamotrigine	4.225	295283	38370.08	87.1	15025.82	838906	514.0645 ng/ml
Lorazepam	5.706	594069	23871.44	54.0	3454.03	44536	1126.5303 ng/ml
Methadone	5.618	15705371	1457.57	55.3	1033.15	635020	1002.5919 ng/ml
Methamphetamine	3.161	17175497	71393.89	34.3	107551.51	919642	761.2488 ng/ml
Metoprolol	4.272	1719935	1970236.26	105.9	14602.33	1042729	729.0045 ng/ml
Mirtazapine	4.566	16160858	321024.60	52.7	1788.44	527554	952.8525 ng/ml
Mitragynine	5.177	3257502	1563374.20	35.3	706646.77	635020	1039.0321 ng/ml
Norbuprenorphine	4.938	48021	112053.19	93.7	6542.86	23234	105.0608 ng/ml
Norfentanyl	4.035	769553	18089.89	38.0	3820.74	231062	134.9316 ng/ml
Promethazine	5.503	15836887	21525.30	29.4	13335.30	743174	1038.5505 ng/ml
Pseudoephedrine	2.511	20809175	286773.92	15.2	118674.81	838906	1073.5217 ng/ml
Quetiapine	5.492	7812066	62251.09	62.6	83230.01	213609	566.6713 ng/ml
Sertraline	5.742	1565465	33930.69	85.9	665.67	64528	1034.8137 ng/ml