

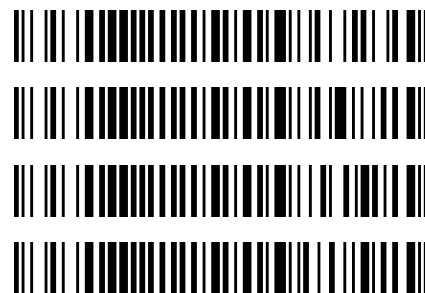
Worklist: 6453

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>	
M2023-2550	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2554	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2701	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2717	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
M2023-2867	3	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1718	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1883	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1898	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-1994	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2004	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2014	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2025	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2028	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2040	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2044	1	BLOOD	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2050	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2078	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2079	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2080	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2084	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	
P2023-2085	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ	

Worklist: 6453

CS

<u>LAB CASE</u>	<u>ITEM</u>	<u>ITEM TYPE</u>	<u>DESCRIPTION</u>
P2023-2086	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-2093	2	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-2110	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ
P2023-2121	1	BCK	AM 28 Blood Multi-Drug Quant Panel 1 by LC-QQQ



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

Extraction Date: 07/21/2023

Plate lot#: 230117

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

Instant Buffer I

Blank Blood Lot: Lampire 23A52594

LCMS-QQQ ID: 069901

Analyst: Celena Shrum

Plate Retest Date: 07/17/2023- external control included

Mobile phase B: 0.01% Formic Acid in MeOH

Ethyl Acetate LC Methanol

Column: Phenomenex Phenyl Hexyl (4.6x50mm, 2.6um)

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: Chlordiazepoxide and DMT not evaluated due to ratios being out of range.

P2023-2014-1 not evaluated for 7-aminoclonazepam due to low ISTD response.

P2023-2025-1, P2023-2028-1, and P2023-2044-1 were reinjected due to tramadol carryover from a preceding sample. The lower values of the injections were used for reporting. MDA was evaluated qualitatively in the reinjects due to the QC250 accuracy being out.

Curve Limits:

7-aminoclonazepam 5-500 (Cal 8 removed due to accuracy)
Amphetamine 5-250 (Cals 7 and 8 removed due to accuracy)- Qualitative only as QC 250 accuracy is off
Chlorpheniramine 10-1000 (Cal 1 removed due to ratio)
Clonazepam 5-500 (Cal 8 removed due to accuracy)
Clonazepam 5-250 (Cals 7 and 8 removed due to accuracy)
Codeine 5-500 (Cal 8 removed due to accuracy)
Dihydrocodeine 5-500 (Cal 8 removed due to accuracy)
Flualprazolam 5-250 (Cals 7 and 8 removed due to accuracy)
Fluorofentanyl 0.5-50 (Cal 8 removed due to accuracy)
Hydroxyzine 5-500 (Cal 8 removed due to accuracy)
MDA 5-250 (Cals 7 and 8 removed due to accuracy)
Meprobamate 5-100 (Cals 6, 7 and 8 removed due to accuracy)- Qualitative only
Methamphetamine 5-500 (Cal 8 removed due to accuracy)
Metoprolol 5-500 (Cal 8 removed due to accuracy)
Norfentanyl 0.5-25 (Cals 7 and 8 removed due to accuracy)
Oxycodone 5-500 (Cal 8 removed due to accuracy)
Phentermine 5-500 (Cal 8 removed due to accuracy)
Quetiapine 5-500 (Cal 8 removed due to accuracy)

	1	2	3	4	5	6	7	8	9	10	11	12
A								P2023-1718-1	P2023-2079-1	P2023-2004-1	M2023-2550-1	IS + Cal. 8
B								P2023-2121-1	P2023-2078-1	P2023-1994-1	External Ctrl	IS + Cal. 7
C								P2023-2110-1	P2023-2050-1	P2023-1898-1	Neg Ctrl	IS + Cal. 6
D								P2023-2093-2	P2023-2044-1	P2023-1883-1	IS + QC_2	IS + Cal. 5
E								P2023-2086-1	P2023-2040-1	M2023-2867-3	IS + QC_4	IS + Cal. 4
F								P2023-2085-1	P2023-2028-1	M2023-2717-2	IS + QC_3	IS + Cal. 3
G								P2023-2084-1	P2023-2025-1	M2023-2701-1	IS + QC_2	IS + Cal. 2
H								P2023-2080-1	P2023-2014-1	M2023-2554-1	IS + QC_1	IS + Cal. 1

AM #28 Multi-Drug Quant. Results



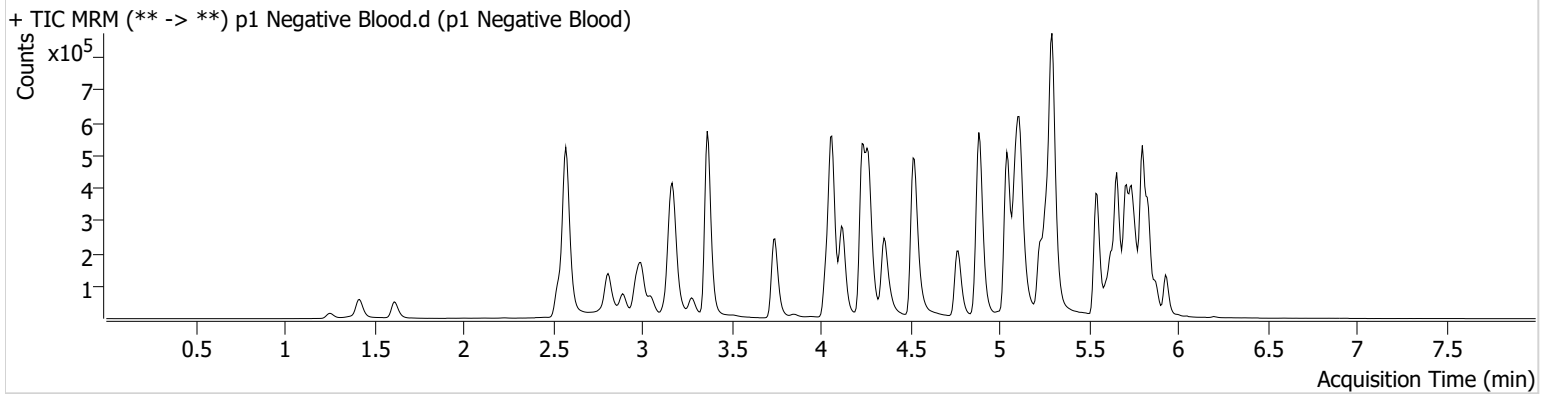
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Calibration Last Update 8/2/2023 3:13:22 PM

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Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C11
Injection Volume 2
Acq. Date-Time 7/22/2023 5:01:11 AM
Sample Info.

Data File p1 Negative Blood.d
Sample p1 Negative Blood
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

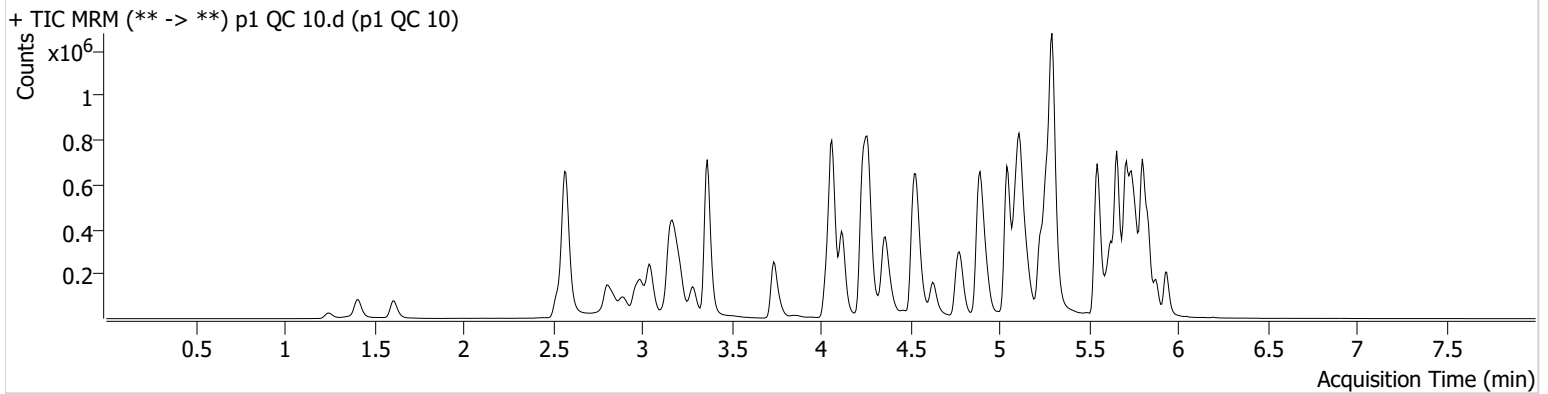
Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-H11
Injection Volume 2
Acq. Date-Time 7/22/2023 3:57:18 AM
Sample Info.

Data File p1 QC 10.d
Sample p1 QC 10
Operator Celena Shrum
Comment

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	2943	127.56	78.1	2375.56	77143	0.9679 ng/ml
7-aminoclonazepam	4.258	46954	627.99	78.9	2038.85	189125	10.7514 ng/ml
a-hydroxyalprazolam	5.689	29299	272.21	65.4	189.42	1000083	10.7361 ng/ml
alpha-PHP	4.935	50906	1462.39	262.0	2754.20	640329	10.7384 ng/ml
alpha-PVP	4.363	184527	770.01	50.3	313.21	640329	10.4670 ng/ml
Alprazolam	5.766	106997	624.87	112.6	438.85	263889	10.3176 ng/ml
Amphetamine	3.043	304311	1019.04	48.6	759.11	347164	10.5165 ng/ml
Benzoylcegonine	3.877	4990	6936.81	9.6	58.47	16897	9.2938 ng/ml
Buprenorphine	5.810	4530	182.48	16.2	1178.62	129489	0.9700 ng/ml
Bupropion	4.785	209266	12694.02	65.5	476.62	603575	10.4508 ng/ml
Carisoprodol	5.721	110539	12921.53	48.5	135.38	476612	9.8887 ng/ml
Chlordiazepoxide	5.842	26778	2900.00	217.9	367.40	533040	9.2288 ng/ml
Chlorpheniramine	5.118	291406	824.28	0.3	17.65	1229736	10.2275 ng/ml
Citalopram	5.232	170188	1284.42	41.2	4740.46	610334	10.0864 ng/ml
Clonazepam	5.608	116330	∞	34.4	9863.58	145635	10.3988 ng/ml
Clonazolam	5.552	60032	85638.78	35.6	30995.33	145635	11.1061 ng/ml
Cocaine	4.264	135863	297.52	53.4	2914.13	1089096	9.7476 ng/ml
Codeine	2.586	16874	786.71	104.2	1451.64	67724	10.7754 ng/ml
Cyclobenzaprine	5.631	115338	77.39	9.3	108.50	461669	9.6534 ng/ml
Dextromethorphan	5.276	91691	106.47	80.6	1142.74	378500	10.0275 ng/ml
Dextrorphan	4.124	60988	5994.87	210.5	277.80	676936	9.9247 ng/ml
Diazepam	5.938	76983	174.22	95.7	575.12	269856	10.3567 ng/ml
Dihydrocodeine	2.558	45672	3538.19	59.5	569.28	269177	10.2434 ng/ml
Diphenhydramine	5.297	503668	1183.20	29.6	223.47	2113166	10.0043 ng/ml
DMT	2.852	17089	557.82	91.9	1621.54	378500	10.2839 ng/ml
Doxylamine	4.545	367810	1141.88	104.7	5407.96	1540462	9.7066 ng/ml
Duloxetine	5.651	9547	244.39	12.0	16.15	40530	10.9599 ng/ml
EDDP	5.268	149629	350.65	44.9	342.80	761887	9.6949 ng/ml
Etizolam	5.804	45954	86140.61	23.0	7645.88	145635	10.0257 ng/ml
Fentanyl	5.108	13026	126.53	75.9	35693.46	617257	1.0669 ng/ml
Flualprazolam	5.695	41367	969.31	95.4	2332.58	263889	10.4227 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	32624	1145.61	42.3	1149.62	5197	0.9488 ng/ml
Fluoxetine	5.711	95349	4230.01	8.6	13634.39	326402	10.4620 ng/ml
Hydrocodone	3.019	71136	156.81	31.7	113.06	338104	10.5920 ng/ml
Hydromorphone	1.615	57785	2419.04	71.1	776.09	154320	10.1323 ng/ml
Hydroxyzine	5.708	163742	2743.32	66.3	1860.96	378500	9.7586 ng/ml
Ketamine	4.050	144023	13715.95	39.3	453.63	442974	10.6678 ng/ml
Lamotrigine	4.281	11569	578.94	82.2	12246.55	1462222	10.9124 ng/ml
Lorazepam	5.737	89903	628.67	51.8	347.58	624751	10.5548 ng/ml
MDA	3.198	211361	1292.24	30.4	935.61	526004	10.4796 ng/ml
MDMA	3.292	114653	768.34	91.1	392.53	142816	9.6084 ng/ml
Meprobamate	4.901	74601	2148.31	26.2	58.23	324000	10.3090 ng/ml
Methadone	5.656	305420	1346.94	43.9	4527.84	989500	10.1565 ng/ml
Methamphetamine	3.219	247740	3130.86	38.3	664.63	868506	10.5935 ng/ml
Metoprolol	4.327	35003	23872.01	93.7	264.23	1190802	10.2190 ng/ml
Mirtazapine	4.627	263282	614.48	43.6	1054.33	640329	10.6721 ng/ml
Mitragynine	5.236	55556	326.10	36.1	16061.21	989500	10.7116 ng/ml
Morphine	1.253	10193	1883.57	38.6	195.58	26538	10.2838 ng/ml
Norbuprenorphine	5.004	613	63.81	90.4	456.62	19845	1.0039 ng/ml
Nordiazepam	5.884	63332	141248.91	61.1	437.33	174342	10.6355 ng/ml
Norfentanyl	4.085	27998	1851.42	31.9	24.27	1041820	0.9849 ng/ml
Norhydrocodone	3.067	9860	108.96	40.1	∞	118903	9.1473 ng/ml
Noroxycodone	2.911	64026	785.73	49.3	642.56	219855	9.8142 ng/ml
O-desmethyl-tramadol	3.372	258198	716.01	6.3	1955.80	1516775	10.0022 ng/ml
o-desmethylvenlafaxine	4.069	415907	31194.86	19.2	405.97	331149	10.1075 ng/ml
Olanzapine	4.461	38174	565.74	53.8	477.52	92227	10.1566 ng/ml
Oxazepam	5.747	118672	272.98	71.8	93.01	624751	10.3557 ng/ml
Oxycodone	2.835	128391	618.21	27.8	410.57	460605	10.8486 ng/ml
Oxymorphone	1.411	63525	1994.60	44.2	394.92	193474	10.5506 ng/ml
Phentermine	3.774	65731	987.51	5.6	32.72	687593	10.6363 ng/ml
Promethazine	5.548	206163	247.86	28.2	194.13	874109	9.4954 ng/ml
Pseudoephedrine	2.583	374243	534.04	16.6	3649.88	1462222	9.9036 ng/ml
Quetiapine	5.558	216366	537.11	56.1	137.54	275004	10.2854 ng/ml
Sertraline	5.773	28956	869.33	105.2	745.94	114580	10.2521 ng/ml
Temazepam	5.807	193331	1475.01	31.0	152.45	1000083	10.0392 ng/ml
Tramadol	4.246	263762	250.58	3.8	71.48	1190802	10.3386 ng/ml
Trazodone	5.148	220686	876.26	62.2	3553.12	730993	10.6262 ng/ml
Venlafaxine	5.043	249489	524.70	40.5	1367.19	1412688	9.7218 ng/ml
Zolpidem	4.912	301243	3686.19	30.3	1628.26	1294143	10.7641 ng/ml



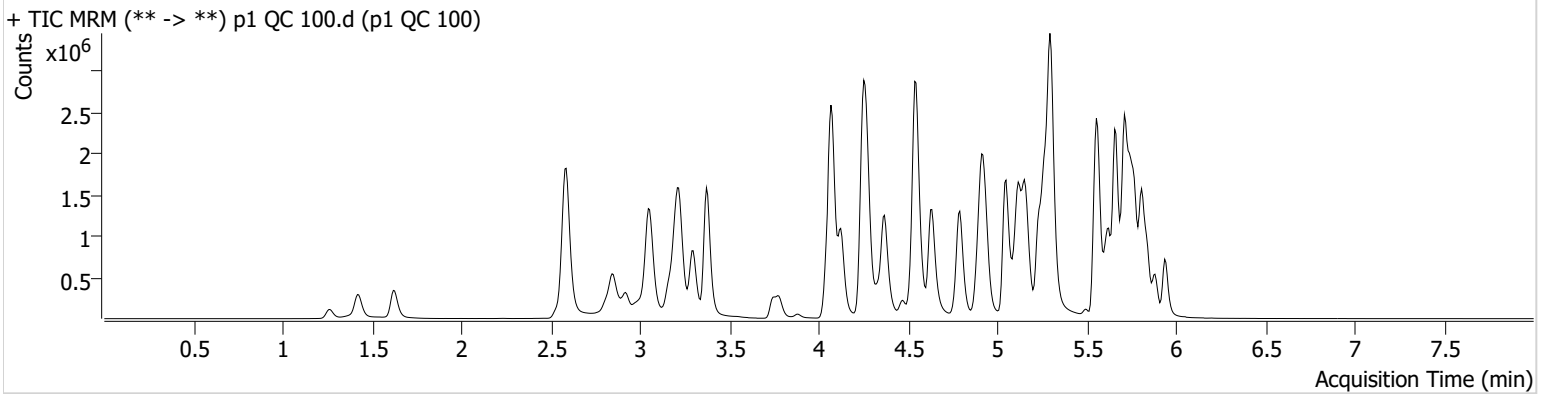
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901) **Data File** p1 QC 100.d
Type QC **Sample** p1 QC 100
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G11 **Comment**
Injection Volume 2
Acq. Date-Time 7/23/2023 3:08:29 AM
Sample Info.

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Sample Chromatogram



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.146	29128	800.91	74.4	14093.83	74746	9.7891 ng/ml
7-aminoclonazepam	4.265	366044	12177.64	83.1	166.67	159109	107.3160 ng/ml
a-hydroxyalprazolam	5.689	192673	1004.93	70.4	595.09	714451	103.2167 ng/ml
alpha-PHP	4.935	439801	1772.23	257.9	16342.64	597385	103.5044 ng/ml
alpha-PVP	4.370	1694206	1685.63	51.1	637.98	597385	100.6317 ng/ml
Alprazolam	5.766	876855	743.46	118.0	1065.66	209515	105.0874 ng/ml
Amphetamine	3.057	2426156	22099.20	46.8	1073.62	325688	99.3089 ng/ml
Benzoylcegonine	3.884	51141	220.48	8.6	276.04	16852	100.1204 ng/ml
Buprenorphine	5.817	38447	57209.03	15.4	4891.59	108701	10.5635 ng/ml
Bupropion	4.792	1930059	65004.48	65.0	5975.80	556587	106.3819 ng/ml
Carisoprodol	5.721	759009	550.90	51.4	504.43	330964	88.5191 ng/ml
Chlordiazepoxide	5.841	222257	10306.43	237.9	3789.86	460341	105.8481 ng/ml
Chlorpheniramine	5.118	2595659	22234.64	0.3	216.52	1087952	98.0958 ng/ml
Citalopram	5.232	1449947	13209.74	41.8	634.19	517266	98.6738 ng/ml
Clonazepam	5.608	953175	2272.43	34.6	20061.24	122224	107.1653 ng/ml
Clonazolam	5.552	438218	455735.49	36.6	189765.40	122224	103.4057 ng/ml
Cocaine	4.271	1213614	55668.61	51.9	428.18	945252	99.7262 ng/ml
Codeine	2.593	133460	300.54	106.7	211065.78	59739	105.9955 ng/ml
Cyclobenzaprine	5.631	977384	1287766.01	8.9	117.88	380323	95.9656 ng/ml
Dextromethorphan	5.276	746995	220.15	80.3	23273.64	303237	100.7726 ng/ml
Dextrorphan	4.124	551248	1823.66	211.7	1092.64	592706	97.7047 ng/ml
Diazepam	5.938	655311	795.84	93.7	6100.50	231423	104.0865 ng/ml
Dihydrocodeine	2.565	417050	11927.27	56.5	1618.72	262505	106.8616 ng/ml
Diphenhydramine	5.304	4343194	109311.15	30.3	919.35	1786756	96.3273 ng/ml
DMT	2.858	145312	616.69	100.7	3883.67	303237	103.4487 ng/ml
Doxylamine	4.545	3740720	120986.88	99.9	106942.60	1468210	102.5119 ng/ml
Duloxetine	5.651	64996	1032.52	15.9	184.90	30207	97.7760 ng/ml
EDDP	5.268	1401113	485.83	42.2	1394.86	691388	96.8810 ng/ml
Etizolam	5.804	369010	1574.24	25.1	33046.72	122224	93.7073 ng/ml
Fentanyl	5.108	110121	3448.46	74.9	1042.84	541890	10.7388 ng/ml
Flualprazolam	5.695	307306	17286.84	97.3	358708.52	209515	106.1899 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	287040	24139.22	39.5	10405.72	3976	10.5048 ng/ml
Fluoxetine	5.711	576883	324.66	8.4	43393.82	201467	98.4598 ng/ml
Hydrocodone	3.026	638226	261.86	32.1	814.61	327216	108.0412 ng/ml
Hydromorphone	1.629	551237	2461.07	69.8	1909183.15	144941	103.6016 ng/ml
Hydroxyzine	5.708	1425833	16656.39	69.2	454254.13	303237	100.9666 ng/ml
Ketamine	4.050	1273808	11774.33	39.2	628.73	414659	109.9536 ng/ml
Lamotrigine	4.287	94591	10283.01	83.1	91996.97	1280898	107.6487 ng/ml
Lorazepam	5.737	564614	17801.09	52.3	688.16	420064	107.0511 ng/ml
MDA	3.198	1594586	18323.82	28.4	3493.42	455486	100.2699 ng/ml
MDMA	3.298	1073217	1880.25	89.5	6959.45	131313	100.8804 ng/ml
Meprobamate	4.901	556773	22247.67	25.2	6678.67	276690	97.2197 ng/ml
Methadone	5.663	2707099	1656.55	41.6	29767.44	839274	101.3634 ng/ml
Methamphetamine	3.226	2107291	21771.64	39.4	1108.25	869789	100.7800 ng/ml
Metoprolol	4.334	315626	363796.86	93.1	827.83	1077572	106.4760 ng/ml
Mirtazapine	4.634	2447537	97586.50	44.0	3774.62	597385	102.3322 ng/ml
Mitragynine	5.236	457832	368086.64	36.0	1552.07	839274	105.2129 ng/ml
Morphine	1.267	95263	1090.24	41.1	2317.12	26025	101.8505 ng/ml
Norbuprenorphine	5.004	4381	3744.42	118.1	16074.62	17593	10.1558 ng/ml
Nordiazepam	5.884	500167	1876.82	63.9	538.44	144893	101.6120 ng/ml
Norfentanyl	4.091	241957	442.94	33.6	189.46	845776	9.6379 ng/ml
Norhydrocodone	3.074	80551	230.22	39.9	107.29	83323	93.9008 ng/ml
Noroxycodone	2.917	542090	668.84	48.7	1655.39	183922	100.3563 ng/ml
O-desmethyl-tramadol	3.379	2445488	141986.52	6.4	6596.24	1440757	95.6242 ng/ml
o-desmethylvenlafaxine	4.076	3717316	64084.12	19.7	4188.74	294618	96.1133 ng/ml
Olanzapine	4.468	336457	3147.06	54.0	2581.69	74838	99.9067 ng/ml
Oxazepam	5.747	793672	1577.74	73.5	906.00	420064	102.3457 ng/ml
Oxycodone	2.842	1149486	2409.27	28.5	1133.37	444761	106.5981 ng/ml
Oxymorphone	1.425	559685	∞	44.7	∞	175291	103.5282 ng/ml
Phentermine	3.780	559702	689.34	5.7	1331.27	650308	102.7314 ng/ml
Promethazine	5.548	1742012	2148.33	28.1	17066.35	715153	93.2863 ng/ml
Pseudoephedrine	2.589	3321821	1783.72	16.9	54583.17	1280898	95.8187 ng/ml
Quetiapine	5.558	1835061	2047071.83	58.1	562020.57	243025	107.3738 ng/ml
Sertraline	5.780	182415	353.63	96.1	3029.58	74863	96.6610 ng/ml
Temazepam	5.807	1448917	14635.67	29.5	288.66	714451	104.0813 ng/ml
Tramadol	4.246	2378330	912.70	3.8	114.24	1077572	107.3573 ng/ml
Trazodone	5.155	1916289	1727915.08	64.9	1489545.13	655598	110.6021 ng/ml
Venlafaxine	5.049	2201528	705780.88	40.8	781.75	1273617	91.1596 ng/ml
Zolpidem	4.912	2791171	1288.82	29.4	151728.27	1275220	106.5616 ng/ml



AM #28 Multi-Drug Quant. Results

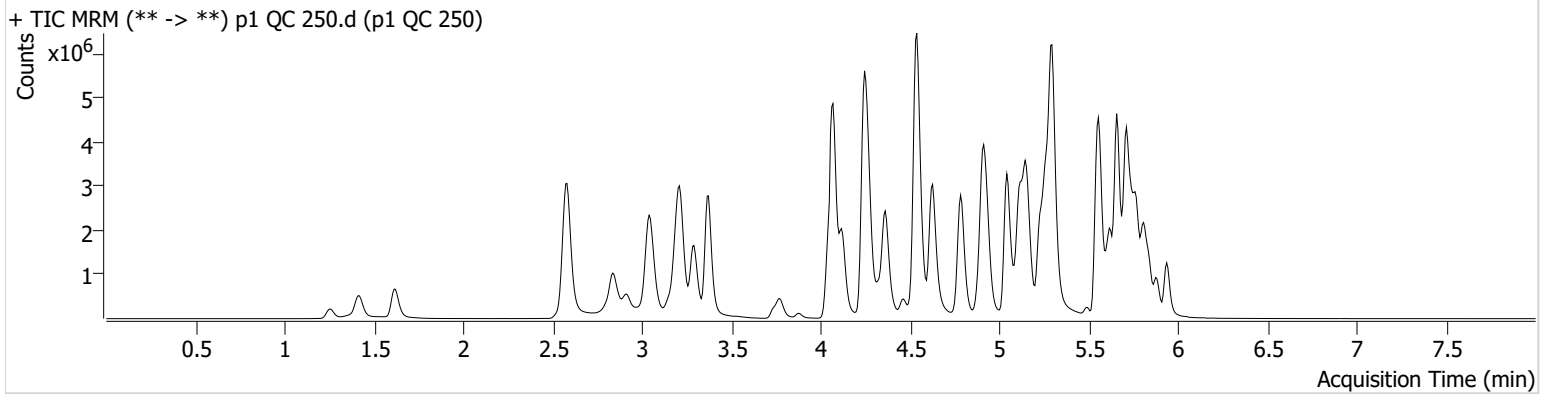
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Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F11
Injection Volume 2
Acq. Date-Time 7/22/2023 4:18:34 AM
Sample Info.

Data File p1 QC 250.d
Sample p1 QC 250
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.140	74429	1790.57	71.3	88306.98	72669	25.7115 ng/ml
7-aminoclonazepam	4.258	614799	4126.34	77.6	6989.23	115871	248.7203 ng/ml
a-hydroxyalprazolam	5.682	293973	405.32	73.7	310.84	471360	239.4042 ng/ml
alpha-PHP	4.935	941387	3477.07	268.4	14247.29	531805	249.5605 ng/ml
alpha-PVP	4.363	3743522	1547.46	52.3	1115.69	531805	249.3775 ng/ml
Alprazolam	5.766	1746673	867.42	115.1	1241.40	164772	265.9436 ng/ml
Amphetamine	3.043	4512714	50812.26	47.8	12616.04	303446	199.5771 ng/ml
Benzoylcegonine	3.877	123217	302.40	8.3	230.04	16549	246.3719 ng/ml
Buprenorphine	5.817	83995	71404.29	15.5	32830.88	100438	25.0896 ng/ml
Bupropion	4.785	4486139	88494.79	64.2	1347.03	522162	263.8761 ng/ml
Carisoprodol	5.721	1204512	460.87	50.1	242.02	183146	251.9077 ng/ml
Chlordiazepoxide	5.842	444243	6504.40	230.9	12528.16	390883	251.8592 ng/ml
Chlorpheniramine	5.118	6182683	163060.09	0.3	423.61	1002548	252.7096 ng/ml
Citalopram	5.225	3052495	32936.83	41.6	405033.78	422996	253.5559 ng/ml
Clonazepam	5.608	1691680	128128.27	34.7	2234.02	94307	247.3326 ng/ml
Clonazolam	5.552	715270	2741.51	36.9	261741.06	94307	219.7291 ng/ml
Cocaine	4.264	2627331	677.39	52.9	369.80	811297	251.4444 ng/ml
Codeine	2.586	246168	2269.43	105.7	3831.43	52218	224.9753 ng/ml
Cyclobenzaprine	5.625	2327458	1418.65	8.3	554.44	339389	255.4876 ng/ml
Dextromethorphan	5.269	1550102	23202.92	76.9	25611.68	252376	251.0629 ng/ml
Dextrorphan	4.124	1216490	3557.51	212.5	74380.50	518947	245.4852 ng/ml
Diazepam	5.938	1337529	∞	91.3	805.93	190125	258.8068 ng/ml
Dihydrocodeine	2.558	863454	9802.09	58.6	7233.77	252850	231.1974 ng/ml
Diphenhydramine	5.297	9752153	112860.74	29.2	11237.52	1446022	266.1586 ng/ml
DMT	2.852	305591	1202.73	113.7	28184.18	252376	260.4897 ng/ml
Doxylamine	4.538	9248570	252610.71	97.3	309708.88	1382520	268.9809 ng/ml
Duloxetine	5.651	135917	2952.61	15.2	491.93	26019	236.9635 ng/ml
EDDP	5.262	3153086	14569.60	42.2	14556.48	605522	248.4074 ng/ml
Etizolam	5.804	766142	13911.13	25.0	3322.59	94307	251.7097 ng/ml
Fentanyl	5.101	257320	5713.00	70.8	512059.65	506956	26.9030 ng/ml
Flualprazolam	5.695	522591	2094.24	100.2	6310.90	164772	230.8249 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	686171	595.12	42.0	19103.00	3632	27.4277 ng/ml
Fluoxetine	5.711	1162586	55153.40	8.5	198.34	153703	259.3234 ng/ml
Hydrocodone	3.019	1373254	661.17	33.8	415.21	308451	248.1392 ng/ml
Hydromorphone	1.622	1250476	4712358.52	70.6	3550942.99	134533	253.3098 ng/ml
Hydroxyzine	5.708	3013565	12926.72	75.1	206851.05	252376	255.6080 ng/ml
Ketamine	4.043	2694042	149383.18	39.2	1126.41	382814	253.2907 ng/ml
Lamotrigine	4.281	181622	5234.41	84.9	5176.48	1013319	262.2635 ng/ml
Lorazepam	5.737	695009	40542.75	52.7	523.72	245068	226.9968 ng/ml
MDA	3.191	2855392	3103.61	26.9	4268.13	361768	227.5237 ng/ml
MDMA	3.292	2281009	14006.29	93.2	9746.47	118201	238.6501 ng/ml
Meprobamate	4.901	907880	375.85	24.0	7979.13	235196	187.3409 ng/ml
Methadone	5.656	6322552	68799.26	40.6	1791.35	752428	263.2529 ng/ml
Methamphetamine	3.219	4795450	6548.76	37.4	36524.17	824928	243.8295 ng/ml
Metoprolol	4.327	678387	1354863.01	89.6	27170.92	990104	249.7643 ng/ml
Mirtazapine	4.627	5723028	6476.41	43.6	225347.24	531805	268.0608 ng/ml
Mitragynine	5.236	966920	619957.49	36.5	245623.67	752428	248.0291 ng/ml
Morphine	1.253	214710	11859.51	39.5	4696.99	23696	252.7763 ng/ml
Norbuprenorphine	5.004	10981	745.61	102.9	4335.02	17926	25.4075 ng/ml
Nordiazepam	5.884	984259	∞	63.8	7432.79	116049	249.7518 ng/ml
Norfentanyl	4.085	488146	462.40	34.9	11950.14	593235	27.5570 ng/ml
Norhydrocodone	3.067	182387	1241.67	40.2	81.95	68374	256.9989 ng/ml
Noroxycodone	2.911	1062289	9313.08	47.1	532.44	148392	243.9077 ng/ml
O-desmethyl-tramadol	3.372	5703631	79193.34	6.3	45606.18	1266160	253.0216 ng/ml
o-desmethylvenlafaxine	4.079	8159950	138276.81	19.7	10054.85	240776	257.1473 ng/ml
Olanzapine	4.461	681584	1074.93	54.7	2702.89	60167	250.1311 ng/ml
Oxazepam	5.747	1102403	524.56	75.6	187.67	245068	243.5658 ng/ml
Oxycodone	2.835	2454475	13091.24	29.2	1162.59	419289	242.3636 ng/ml
Oxymorphone	1.412	1218860	∞	46.0	630.27	155928	253.6122 ng/ml
Phentermine	3.774	1141410	3923.00	5.7	1006.07	579521	236.2140 ng/ml
Promethazine	5.548	4108968	3889.41	28.1	1118.49	659644	237.7571 ng/ml
Pseudoephedrine	2.583	6916753	84673.31	16.1	21202.79	1013319	251.3901 ng/ml
Quetiapine	5.558	3738990	105650.61	58.0	575388.07	222897	239.7650 ng/ml
Sertraline	5.780	397365	4231.38	104.7	26838.72	67579	232.8992 ng/ml
Temazepam	5.807	2257906	17622.38	29.5	328.68	471360	245.6634 ng/ml
Tramadol	4.246	5281968	1365.18	3.6	445.59	990104	260.1759 ng/ml
Trazodone	5.148	4231295	1802.02	65.8	1668.52	631576	254.6546 ng/ml
Venlafaxine	5.043	5377590	2398.53	38.4	17499.53	1140519	247.8727 ng/ml
Zolpidem	4.905	6218835	28901.31	28.9	594.86	1179889	257.5024 ng/ml

AM #28 Multi-Drug Quant. Results

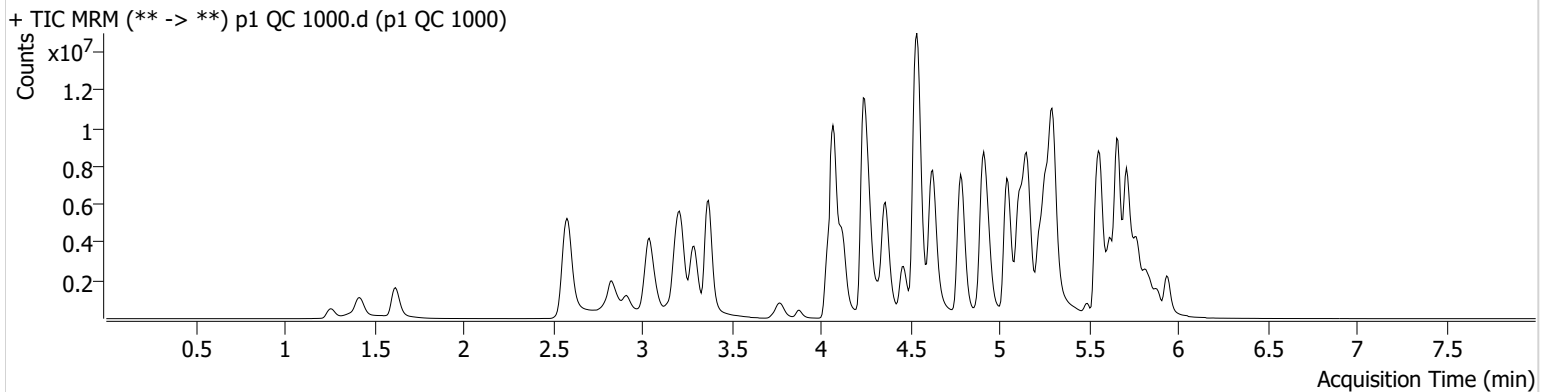


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Instrument Falco (069901) **Data File** p1 QC 1000.d
Type QC **Sample** p1 QC 1000
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-E11 **Comment**
Injection Volume 2
Acq. Date-Time 7/22/2023 4:39:50 AM
Sample Info.

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.
6-MAM	3.140	255518	15847.38	71.2	31315.33	63715	100.6410 ng/ml
7-aminoclonazepam	4.258	698232	6107.62	76.3	2364.18	49528	662.3876 ng/ml
a-hydroxyalprazolam	5.682	318744	489.03	70.5	556.55	130917	936.1453 ng/ml
alpha-PHP	4.935	2291732	3855.68	281.1	306957.19	360529	897.4297 ng/ml
alpha-PVP	4.363	11267829	1886.21	50.0	1645.50	360529	1106.2830 ng/ml
Alprazolam	5.766	3226634	727.78	110.9	832.75	81434	993.6276 ng/ml
Amphetamine	3.043	8487149	807.02	47.6	45693.15	252973	451.9009 ng/ml
Benzoylcegonine	3.877	474646	745.06	8.4	241.24	16693	942.2234 ng/ml
Buprenorphine	5.817	233058	80851.55	14.6	32359.01	72622	96.5157 ng/ml
Bupropion	4.785	13970329	1067078.23	61.6	106947.02	428793	1001.2464 ng/ml
Carisoprodol	5.727	1326374	246.81	49.1	148.77	47615	1063.5949 ng/ml
Chlordiazepoxide	5.841	725671	5732.82	268.4	18985.16	187296	863.4062 ng/ml
Chlorpheniramine	5.118	17864110	29372.11	0.3	291.20	714615	1022.7337 ng/ml
Citalopram	5.225	6205839	876136.24	40.0	181347.43	208871	1043.0048 ng/ml
Clonazepam	5.601	2490849	43749.67	35.0	874.23	45239	760.5152 ng/ml
Clonazolam	5.565	805956	373118.72	38.7	3693.37	45239	517.3290 ng/ml
Cocaine	4.264	6298020	422.59	51.9	794.58	473690	1032.1274 ng/ml
Codeine	2.586	508629	17884.22	102.6	12057.33	31400	775.9078 ng/ml
Cyclobenzaprine	5.625	5901564	51397.80	7.8	314.62	206354	1064.3270 ng/ml
Dextromethorphan	5.269	2904002	62951.86	78.1	99281.03	120834	981.9981 ng/ml
Dextrorphan	4.124	3388255	58208.58	222.4	105568.15	334933	1057.7037 ng/ml
Diazepam	5.938	2912898	440.49	90.1	431.46	111637	960.2970 ng/ml
Dihydrocodeine	2.552	2157038	10951.83	59.9	29591.12	237224	617.7871 ng/ml
Diphenhydramine	5.304	20957560	374160.53	30.2	69238.60	795968	1037.3063 ng/ml
DMT	2.852	810842	966.07	134.0 High	9828.30	120834	1440.9035 ng/ml
Doxylamine	4.538	25242206	15038.00	99.2	244147.81	1112126	912.3594 ng/ml
Duloxetine	5.644	195578	7553.61	14.3	963.61	9612	922.2175 ng/ml
EDDP	5.262	9853879	77762.52	41.1	96618.28	450650	1042.0158 ng/ml
Etizolam	5.804	1598132	7505.14	24.9	2173.62	45239	1093.6917 ng/ml
Fentanyl	5.094	626048	2854.61	75.4	419534.52	400238	83.0184 ng/ml
Flualprazolam	5.695	699929	13592.51	107.1	18983.61	81434	627.3084 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	1955046	24109.35	42.4	23684.96	1981	143.1222 ng/ml
Fluoxetine	5.718	1937780	10525.89	8.5	203926.72	59856	1108.4131 ng/ml
Hydrocodone	3.019	3819163	∞	34.7	7128.41	241371	884.9295 ng/ml
Hydromorphone	1.622	3607889	18219690.53	70.6	3728677.30	97136	1012.4513 ng/ml
Hydroxyzine	5.708	7432366	114713.50	75.0	113059.28	120834	1314.5353 ng/ml
Ketamine	4.043	6389957	416358.70	37.9	13264.06	279226	826.0946 ng/ml
Lamotrigine	4.287	306808	6518.11	86.3	151874.69	520620	863.8965 ng/ml
Lorazepam	5.737	640066	261.04	54.6	312.86	54511	943.0284 ng/ml
MDA	3.184	4554253	5139.58	27.0	1243.00	214744	613.3069 ng/ml
MDMA	3.292	5812282	220595.02	92.6	128730.15	77162	932.4997 ng/ml
Meprobamate	4.895	1137765	29161.79	25.2	10037.07	161602	342.4542 ng/ml
Methadone	5.656	16018437	2219.66	41.5	855.25	487437	1028.0798 ng/ml
Methamphetamine	3.212	12147177	207108.76	35.7	178932.53	778127	657.2133 ng/ml
Metoprolol	4.327	1407859	1497853.89	93.1	5969.35	743374	691.2911 ng/ml
Mirtazapine	4.630	16355972	343090.38	42.3	230198.33	360529	1128.6071 ng/ml
Mitragynine	5.236	2190925	57315.28	38.1	1208.05	487437	867.8603 ng/ml
Morphine	1.261	589540	67483.01	37.9	12056.57	17524	939.7399 ng/ml
Norbuprenorphine	4.997	38723	75121.92	104.8	79473.93	16410	98.7088 ng/ml
Nordiazepam	5.884	1817682	4890.92	61.9	12026.36	57718	927.5391 ng/ml
Norfentanyl	4.085	986517	1454449.93	34.7	512.96	189911	173.4992 ng/ml
Norhydrocodone	3.067	580462	∞	40.7	126.60	47518	1172.6356 ng/ml
Noroxycodone	2.911	2232827	1121.58	48.9	1029.16	74999	1014.7217 ng/ml
O-desmethyl-tramadol	3.372	16653964	157072.21	6.1	45661.12	885080	1055.4341 ng/ml
o-desmethylvenlafaxine	4.078	19590921	686475.83	19.5	50201.32	136417	1087.7240 ng/ml
Olanzapine	4.461	4959898	17364.12	53.4	52218.75	97221	1122.7724 ng/ml
Oxazepam	5.740	960996	12613.38	76.9	4513.12	54511	954.3330 ng/ml
Oxycodone	2.822	5988014	4273.87	28.7	3193.90	337582	735.8630 ng/ml
Oxymorphone	1.418	3497351	281.44	45.0	∞	117387	966.9266 ng/ml
Phentermine	3.774	2708156	840.07	5.6	1625.74	506688	642.5042 ng/ml
Promethazine	5.541	11844651	371618.09	26.1	624.88	449189	1004.8196 ng/ml
Pseudoephedrine	2.589	15558662	1981.42	15.8	70864.03	520620	1098.9602 ng/ml
Quetiapine	5.564	7948910	430670.24	58.3	406757.70	156723	726.9932 ng/ml
Sertraline	5.780	817459	42989.87	98.0	99794.71	31871	1015.0832 ng/ml
Temazepam	5.814	2373739	55141.34	29.6	142.16	130917	929.5118 ng/ml
Tramadol	4.239	13307925	818.97	3.4	125.57	743374	874.2230 ng/ml
Trazodone	5.148	10793585	304124.47	67.3	670.81	458725	896.6031 ng/ml
Venlafaxine	5.042	14712961	4775.39	37.3	2320.08	727358	1061.9017 ng/ml
Zolpidem	4.905	16451806	536706.75	28.3	234050.83	993641	810.2675 ng/ml



AM #28 Multi-Drug Quant. Results

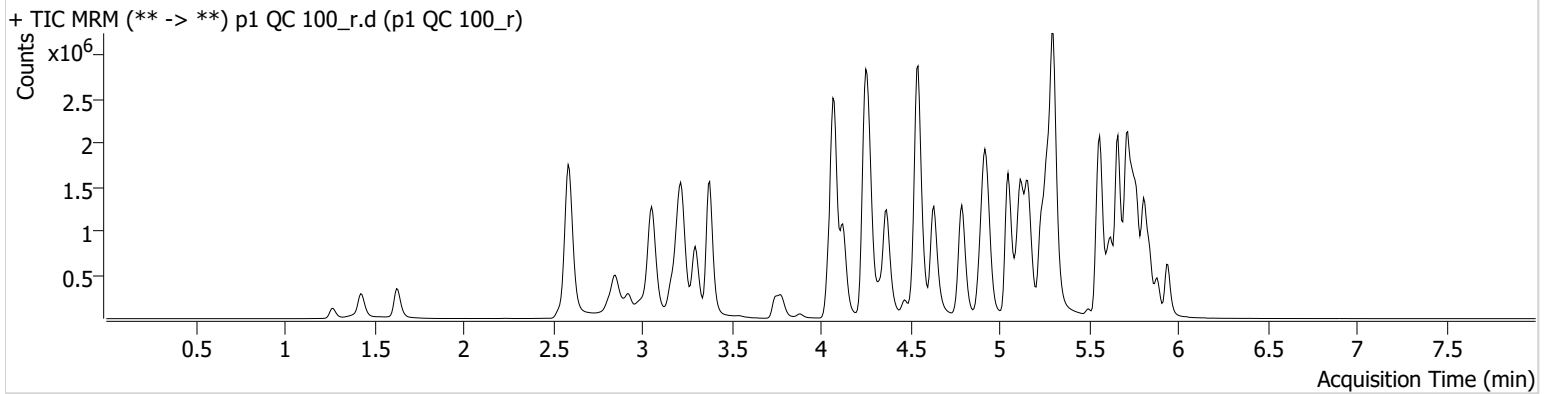
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Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-G11
Injection Volume 2
Acq. Date-Time 7/25/2023 11:57:53 AM
Sample Info.

Data File p1 QC 100_r.d
Sample p1 QC 100_r
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.
6-MAM	3.146	29715	93144.92	71.6	925.41	73424	10.1660 ng/ml
7-aminoclonazepam	4.265	334428	10793.67	80.3	21385.22	145188	107.4495 ng/ml
a-hydroxyalprazolam	5.689	166926	528.67	70.9	259.98	643619	99.2449 ng/ml
alpha-PHP	4.942	432919	13541.59	261.0	6628.55	583127	104.3800 ng/ml
alpha-PVP	4.370	1691669	2046.39	51.8	613.75	583127	102.9316 ng/ml
Alprazolam	5.766	824474	744.78	114.8	3607.45	195910	105.6711 ng/ml
Amphetamine	3.057	2381846	34159.68	48.7	1855.14	321124	98.8750 ng/ml
Benzoylcegonine	3.884	48914	5126.16	8.1	66.99	16934	95.2741 ng/ml
Buprenorphine	5.830	40506	4768.72	14.6	6474.66	104565	11.5773 ng/ml
Bupropion	4.792	1944661	51983.24	63.7	13140.61	562564	106.0473 ng/ml
Carisoprodol	5.721	728334	994.34	50.4	219.75	312505	89.9419 ng/ml
Chlordiazepoxide	5.842	210658	6493.68	210.9	3172.90	425099	108.6938 ng/ml
Chlorpheniramine	5.125	2528848	17290.91	0.3	190.52	1080632	96.2285 ng/ml
Citalopram	5.232	1414236	73602.76	39.7	581311.29	500352	99.4946 ng/ml
Clonazepam	5.608	825254	3795.53	35.6	28825.41	111648	101.5381 ng/ml
Clonazolam	5.552	397797	581298.15	38.1	125959.46	111648	102.7533 ng/ml
Cocaine	4.271	1195443	∞	53.0	770.84	939820	98.8012 ng/ml
Codeine	2.593	122840	5871.44	102.7	407333.23	56706	102.7431 ng/ml
Cyclobenzaprine	5.631	783614	1486.57	8.8	413.13	294589	99.3192 ng/ml
Dextromethorphan	5.276	691847	12727.76	81.2	20739.88	286547	98.7716 ng/ml
Dextrorphan	4.124	533717	466651.60	216.1	29219.85	585372	95.7926 ng/ml
Diazepam	5.945	582825	1255.48	90.9	5414.38	206546	103.7224 ng/ml
Dihydrocodeine	2.565	395055	195.10	58.6	563.22	251346	105.7057 ng/ml
Diphenhydramine	5.304	4193464	152785.99	31.0	32626.70	1699485	97.7731 ng/ml
DMT	2.865	123798	1032.66	122.4	404.49	286547	93.3244 ng/ml
Doxylamine	4.545	3742697	10523.46	100.2	3615034.12	1475017	102.0932 ng/ml
Duloxetine	5.657	38794	1679.22	14.8	709.54	17809	98.9814 ng/ml
EDDP	5.268	1377891	13741.98	41.5	11996.64	669924	98.3228 ng/ml
Etizolam	5.804	358223	5212.51	25.0	121950.32	111648	99.5684 ng/ml
Fentanyl	5.108	105114	1295.76	72.6	134091.50	510985	10.8711 ng/ml
Flualprazolam	5.702	284875	14584.59	99.6	13880.44	195910	105.2665 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	268057	5420.79	39.0	8832.09	3925	9.9400 ng/ml
Fluoxetine	5.718	363342	7549.26	8.9	17059.63	132428	94.3629 ng/ml
Hydrocodone	3.026	619104	1054.93	33.5	∞	301010	113.9932 ng/ml
Hydromorphone	1.636	511631	1764320.35	71.2	8851.31	137593	101.2911 ng/ml
Hydroxyzine	5.708	1256603	14781.40	74.1	342638.46	286547	94.2006 ng/ml
Ketamine	4.050	1251195	7071.39	37.7	1226.07	423426	105.7241 ng/ml
Lamotrigine	4.287	89392	1945.84	84.9	82804.57	1199762	108.6169 ng/ml
Lorazepam	5.744	449431	10030.38	53.1	1200.07	350004	102.2237 ng/ml
MDA	3.205	1494318	3714.40	27.7	820.76	433387	98.7386 ng/ml
MDMA	3.298	1067350	1476524.13	89.7	6205.33	128432	102.5856 ng/ml
Meprobamate	4.908	533446	316.27	25.1	427.45	268683	95.9101 ng/ml
Methadone	5.663	2449753	46557.99	43.8	12088.26	777021	99.0879 ng/ml
Methamphetamine	3.226	2161936	1007.83	37.6	1585.89	856409	105.0693 ng/ml
Metoprolol	4.334	309106	413586.11	95.4	26159.03	1111480	101.0690 ng/ml
Mirtazapine	4.634	2342827	8225.22	44.8	99391.45	583127	100.3579 ng/ml
Mitragynine	5.243	406262	5011.34	37.7	164907.73	777021	100.8362 ng/ml
Morphine	1.274	89455	6568.97	38.0	3170.55	24031	103.5827 ng/ml
Norbuprenorphine	5.004	4598	1773.79	93.1	13204.20	16710	11.2503 ng/ml
Nordiazepam	5.884	419499	6482.60	61.7	2299.97	121776	101.4022 ng/ml
Norfentanyl	4.091	228848	12477.55	35.9	460.08	774909	9.9465 ng/ml
Norhydrocodone	3.081	79207	∞	40.7	212.19	77850	98.7632 ng/ml
Noroxycodone	2.924	489478	2053.54	50.4	3174.71	167582	99.4510 ng/ml
O-desmethyl-tramadol	3.379	2496806	98849.75	6.5	53285.44	1395706	100.7575 ng/ml
o-desmethylvenlafaxine	4.076	3775082	87861.13	19.1	904.36	273190	105.2056 ng/ml
Olanzapine	4.468	310499	2841.46	55.4	2319.79	69447	99.3609 ng/ml
Oxazepam	5.747	677278	3214.76	70.5	4968.02	350004	104.8167 ng/ml
Oxycodone	2.842	1065321	2071.52	29.6	1518.87	421368	104.2619 ng/ml
Oxymorphone	1.425	510815	∞	45.6	∞	162168	102.1334 ng/ml
Phentermine	3.780	565897	∞	5.2	∞	637691	105.9504 ng/ml
Promethazine	5.548	1369824	1850430.43	29.9	9098.98	565925	92.7015 ng/ml
Pseudoephedrine	2.596	3267035	55982.12	16.4	17589.69	1199762	100.5866 ng/ml
Quetiapine	5.564	1707813	26339.96	58.7	146028.47	239259	101.4463 ng/ml
Sertraline	5.780	87820	322.39	101.9	704.22	35825	97.2424 ng/ml
Temazepam	5.814	1264833	1080.83	28.7	∞	643619	100.8610 ng/ml
Tramadol	4.253	2325736	5502.19	3.8	239.09	1111480	101.7554 ng/ml
Trazodone	5.155	1817141	3341.66	65.7	1463902.36	605162	113.6449 ng/ml
Venlafaxine	5.049	2222342	78364.88	39.4	15398.28	1248566	93.8542 ng/ml
Zolpidem	4.919	2625061	1887.39	29.7	9788.71	1223815	104.4169 ng/ml



AM #28 Multi-Drug Quant. Results

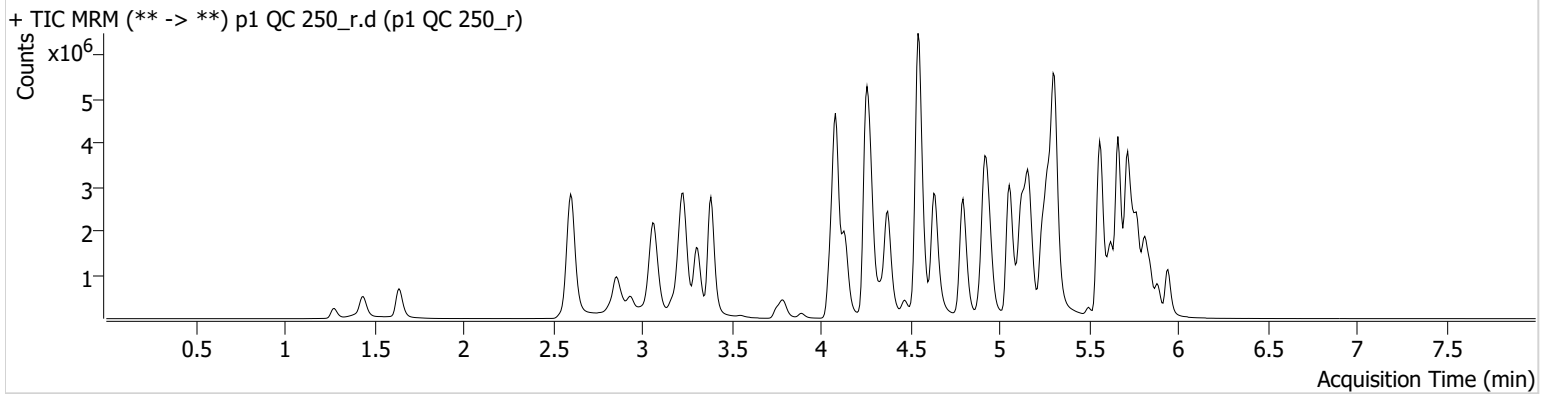
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Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type QC
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F11
Injection Volume 2
Acq. Date-Time 7/25/2023 9:28:54 AM
Sample Info.

Data File p1 QC 250_r.d
Sample p1 QC 250_r
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.153	74351	20770.20	68.1	1129.74	74121	25.1812 ng/ml
7-aminoclonazepam	4.271	517641	16213.98	83.2	14625.59	98346	246.7247 ng/ml
a-hydroxyalprazolam	5.689	254982	192.09	71.8	412.82	409676	238.9155 ng/ml
alpha-PHP	4.949	937479	13464.78	261.1	133572.00	529815	249.4577 ng/ml
alpha-PVP	4.377	3878033	48981.09	50.6	26705.82	529815	259.2976 ng/ml
Alprazolam	5.772	1595787	2413.47	113.0	3170.13	153106	261.4849 ng/ml
Amphetamine	3.070	4330962	479.98	48.1	1172.87	309522	187.7003 ng/ml
Benzoylcegonine	3.891	122408	690.36	8.6	1284.09	16857	240.2599 ng/ml
Buprenorphine	5.824	84079	66610.94	14.5	15326.09	97513	25.8706 ng/ml
Bupropion	4.799	4450516	100564.41	64.1	12842.90	524195	260.7629 ng/ml
Carisoprodol	5.727	1119224	517.64	53.5	546.88	191769	223.6635 ng/ml
Chlordiazepoxide	5.848	398895	11048.47	227.0	4599.43	347332	254.5274 ng/ml
Chlorpheniramine	5.132	5966238	21191.03	0.3	473.07	1027924	237.8743 ng/ml
Citalopram	5.239	2881536	20215.86	40.5	74128.51	405291	249.8156 ng/ml
Clonazepam	5.615	1506955	42394.99	34.9	1778.78	85461	243.1194 ng/ml
Clonazolam	5.558	618600	447.31	39.8	357110.91	85461	209.6618 ng/ml
Cocaine	4.278	2558219	144265.37	53.8	137808.30	791396	250.9869 ng/ml
Codeine	2.607	228402	4542.64	97.9	174.57	47227	230.8293 ng/ml
Cyclobenzaprine	5.631	1750158	∞	8.6	239.99	269368	242.0760 ng/ml
Dextromethorphan	5.282	1436461	56334.95	77.4	27879.37	231424	253.7188 ng/ml
Dextrorphan	4.138	1211624	953.77	211.2	27415.59	509522	249.0181 ng/ml
Diazepam	5.945	1202389	398.05	91.6	4933.94	169758	260.5729 ng/ml
Dihydrocodeine	2.579	815534	9443.20	61.2	736.32	251428	219.5358 ng/ml
Diphenhydramine	5.310	8743510	963875.21	31.2	39593.01	1414311	244.0324 ng/ml
DMT	2.878	268984	654.33	137.1 High	12773.67	231424	250.0673 ng/ml
Doxylamine	4.545	9299666	483571.73	94.6	16550.96	1414494	264.3549 ng/ml
Duloxetine	5.657	73849	30742.08	15.8	2682.78	13562	246.9990 ng/ml
EDDP	5.275	3061434	34211.58	41.0	264542.37	599717	243.5279 ng/ml
Etizolam	5.811	712654	1871.44	25.8	2853.31	85461	258.3649 ng/ml
Fentanyl	5.108	241703	9765.35	71.0	205657.40	498641	25.6892 ng/ml
Flualprazolam	5.702	476721	5414.58	104.3	10392.02	153106	226.5885 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.169	618004	27487.95	40.1	15476.81	3339	26.8670 ng/ml
Fluoxetine	5.718	665885	48795.66	8.9	216563.16	92245	247.5102 ng/ml
Hydrocodone	3.033	1318339	262.46	35.5	178.47	292688	251.0595 ng/ml
Hydromorphone	1.642	1144442	3344.13	72.2	8705.40	125746	248.0275 ng/ml
Hydroxyzine	5.715	2790351	126303.90	75.8	40253.65	231424	258.0972 ng/ml
Ketamine	4.057	2671615	∞	38.3	5411.20	396402	242.5261 ng/ml
Lamotrigine	4.301	178067	1288.45	87.2	76803.30	936230	278.3454 ng/ml
Lorazepam	5.744	538131	16218.44	54.5	609.49	193359	222.7416 ng/ml
MDA	3.211	2391803	11188.59	27.7	1286.26	345657	199.3235 ng/ml
MDMA	3.312	2282627	228779.92	90.7	13113.70	111951	252.1698 ng/ml
Meprobamate	4.915	824737	43493.17	25.4	4251.67	213337	187.6235 ng/ml
Methadone	5.663	5713840	4573.83	42.3	2110.83	690232	259.3530 ng/ml
Methamphetamine	3.232	4656516	34080.61	37.7	87429.92	809383	241.2976 ng/ml
Metoprolol	4.340	637627	1035622.26	94.2	4135.89	1039365	223.5771 ng/ml
Mirtazapine	4.634	5450368	143737.10	44.0	1400200.47	529815	256.2682 ng/ml
Mitragynine	5.243	857964	1090354.99	36.9	314149.49	690232	239.9072 ng/ml
Morphine	1.281	195588	64158.91	40.2	26088.37	22079	247.1224 ng/ml
Norbuprenorphine	5.011	10449	127799.84	107.7	1519.53	17224	25.1588 ng/ml
Nordiazepam	5.891	840757	2145.29	59.7	565.58	95874	258.2344 ng/ml
Norfentanyl	4.098	458675	74647.08	34.5	637.25	540410	28.4216 ng/ml
Norhydrocodone	3.088	186848	162.73	40.5	154.11	68597	262.4020 ng/ml
Noroxycodone	2.938	927277	22343.48	50.7	61309.27	133558	236.5534 ng/ml
O-desmethyl-tramadol	3.386	5716759	85362.89	6.4	30268.97	1289103	249.0975 ng/ml
o-desmethylvenlafaxine	4.083	8323830	102.65	18.5	17670.18	229152	275.5751 ng/ml
Olanzapine	4.468	602166	2878.66	54.5	3547.04	48989	271.3205 ng/ml
Oxazepam	5.754	877043	495.32	73.9	1963.62	193359	245.5937 ng/ml
Oxycodone	2.849	2277296	11395.30	29.9	1803.84	395867	238.1604 ng/ml
Oxymorphone	1.438	1103830	∞	45.7	∞	147859	242.2073 ng/ml
Phentermine	3.794	1123557	4052.55	5.2	346.81	589325	228.6231 ng/ml
Promethazine	5.556	3280980	1005.64	28.2	13142.01	523397	239.2634 ng/ml
Pseudoephedrine	2.610	6522380	5722.23	16.1	482.74	936230	256.5657 ng/ml
Quetiapine	5.564	3527408	1687142.01	59.7	99233.82	210799	239.1763 ng/ml
Sertraline	5.780	157029	5586.01	92.5	10732.68	25256	246.2500 ng/ml
Temazepam	5.814	2014753	20374.40	28.8	2600.03	409676	252.2106 ng/ml
Tramadol	4.253	5242232	∞	3.6	1096.03	1039365	245.9540 ng/ml
Trazodone	5.162	3829099	2776073.64	69.9	5542373.35	583167	249.5608 ng/ml
Venlafaxine	5.056	5233294	66678.17	37.9	30114.86	1144644	240.3659 ng/ml
Zolpidem	4.919	6083696	478434.60	28.5	12397.85	1187217	250.3341 ng/ml



AM #28 Multi-Drug Quant. Results

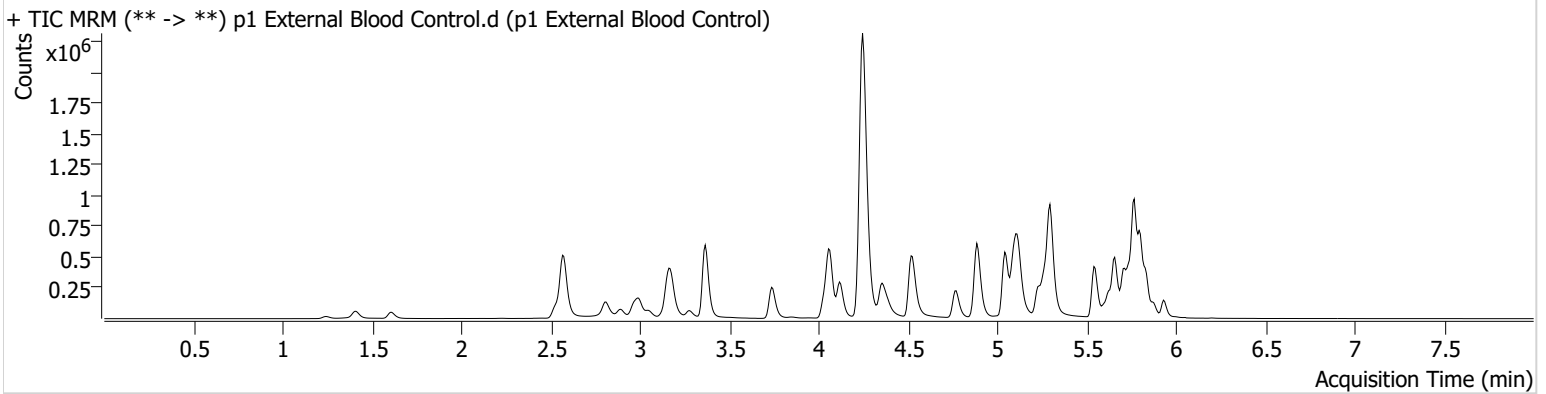
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Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type Sample
Acq. Method AM 28 MDQ P1.m
Sample Position P2-B11
Injection Volume 2
Acq. Date-Time 7/22/2023 5:11:49 AM
Sample Info.

Data File p1 External Blood Control.d
Sample p1 External Blood Control
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Alprazolam	5.766	785387	1439.28	114.4	1430.72	235488	83.7747 ng/ml
Tramadol	4.246	2276522	13560.36	3.6	375.40	1150765	96.1755 ng/ml



Idaho State Police Forensic Services

AM #25 Blood Multi-Drug Screen by LCMS-QQQ

And

**AM #28 Blood Multi-Drug Confirmatory Analysis by
LCMS-QQQ---Panel 1**

Methanol External Control Solution (Lot: 072123)

100 µL of 1mg/mL stock of each drug was added to 9800 µL of LC MeOH.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>	<i>Expiration Date</i>
Methanol (LCMS)	Fisher	220776	N/A
Tramadol	Cerilliant	FE10051901	12/31/2024
Alprazolam	Cerilliant	FE06102008	06/30/2025
Prepared:	07/21/2023		
Expires:	07/21/2024		
Prepared By:	Tamara Salazar		

Blood External Control Solution (Lot: WS072123)

100 µL of methanol external control solution was added to 9900 µL of blood.

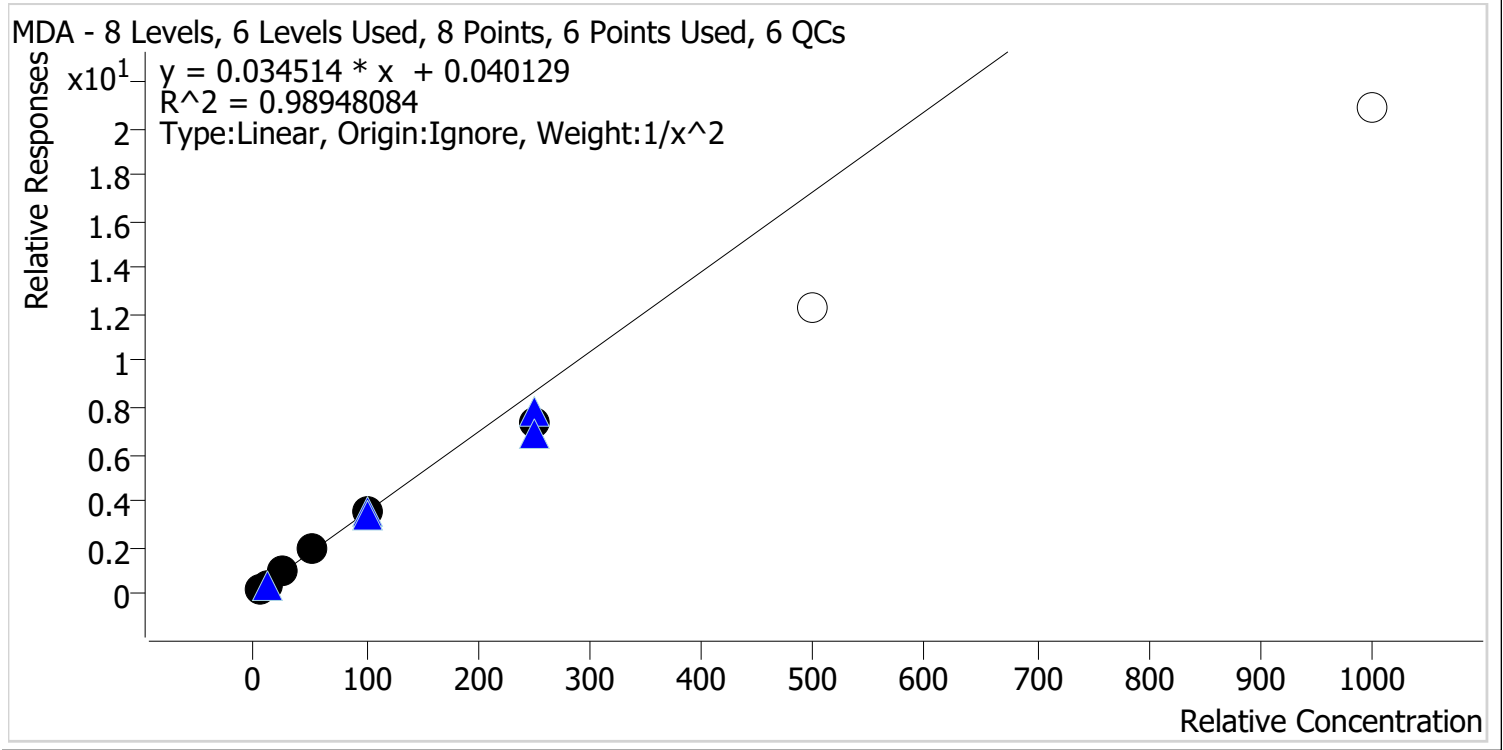
Approximately 100 ng/mL of each compound.

<i>Component</i>	<i>Source</i>	<i>Source Lot Number</i>
Negative Blood	Lampire	23A52594
Methanol External Control Solution		072123
Prepared:	07/21/2023	
Expires:	07/21/2024	
Prepared by:	Tamara Salazar	



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datator
Analyte MDA **Internal Standard** MDA-D5



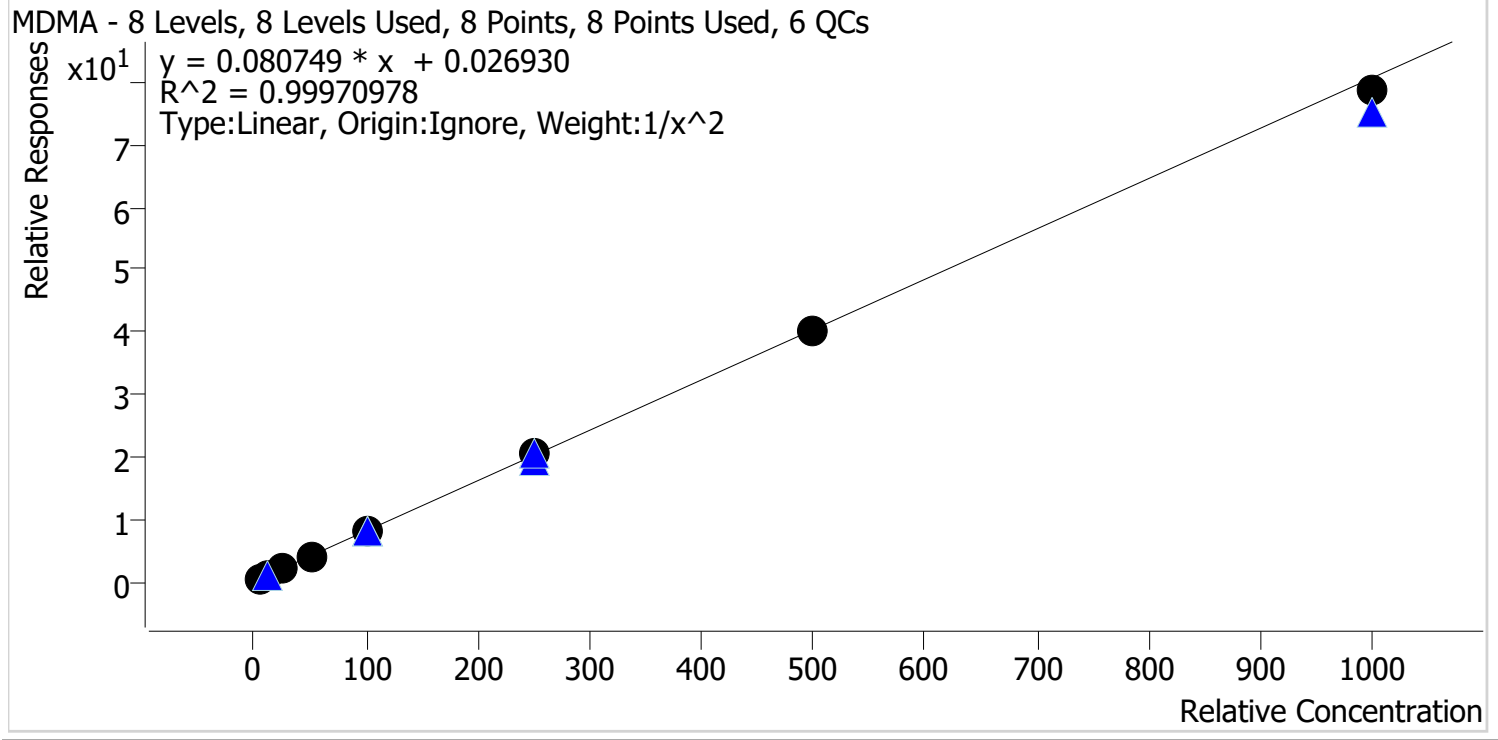
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p1 Cal 1-5ng	1	✓	5.0	4.9	97.1
p1 Cal 2-10ng	2	✓	10.0	10.2	101.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.9	107.7
p1 Cal 5-100ng	5	✓	100.0	101.5	101.5
p1 Cal 6-250ng	6	✓	250.0	212.0	84.8
p1 Cal 7-500ng	7	x	500.0	353.1	70.6
p1 Cal 8-1000ng	8	x	1000.0	605.5	60.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte MDMA **Internal Standard** MDMA-D6



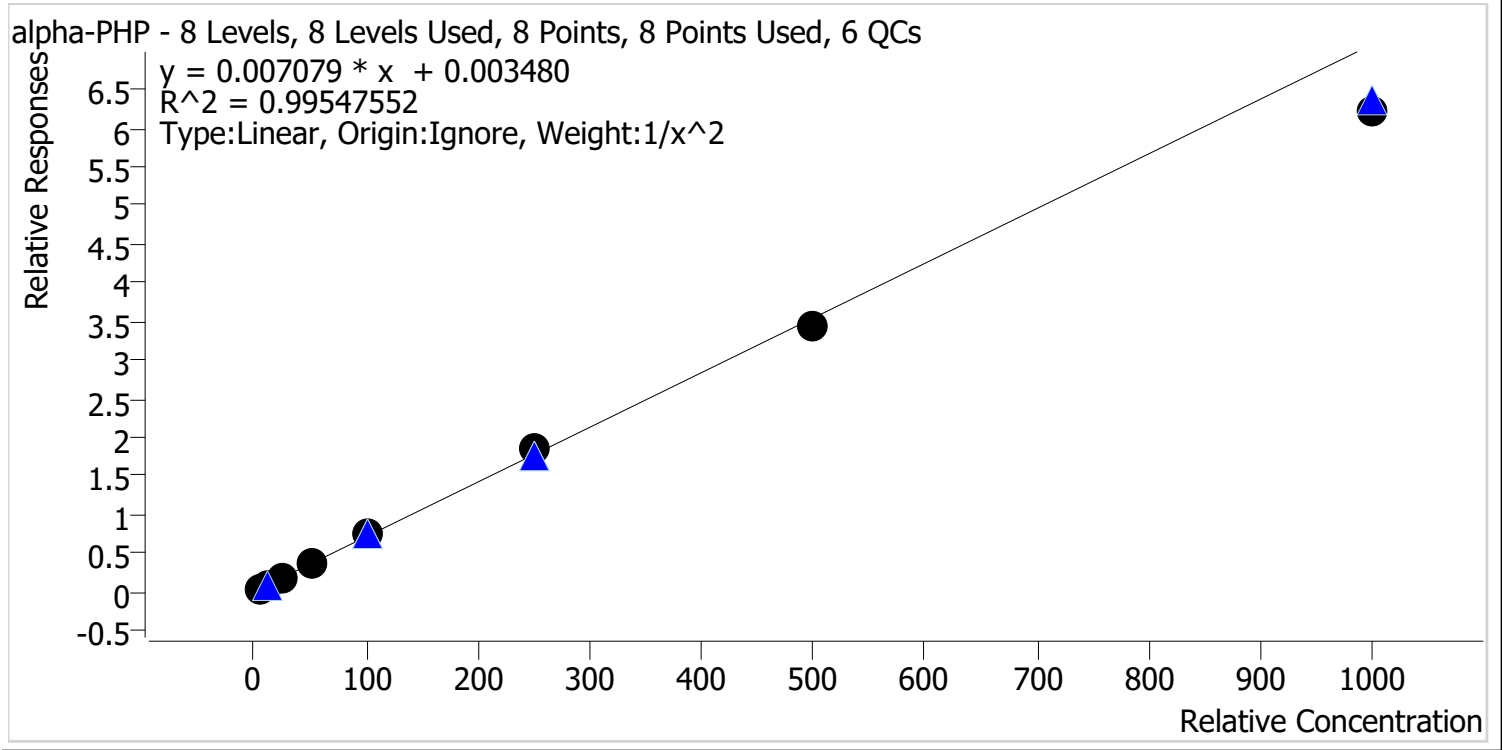
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.8
p1 Cal 2-10ng	2	✓	10.0	10.0	100.4
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	50.1	100.3
p1 Cal 5-100ng	5	✓	100.0	102.8	102.8
p1 Cal 6-250ng	6	✓	250.0	251.4	100.6
p1 Cal 7-500ng	7	✓	500.0	496.8	99.4
p1 Cal 8-1000ng	8	✓	1000.0	974.8	97.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte alpha-PHP **Internal Standard** alpha-PVP-D8



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.5
p1 Cal 2-10ng	2	✓	10.0	10.2	101.8
p1 Cal 3 -25ng	3	✓	25.0	26.4	105.5
p1 Cal 4-50ng	4	✓	50.0	51.6	103.3
p1 Cal 5-100ng	5	✓	100.0	104.1	104.1
p1 Cal 6-250ng	6	✓	250.0	258.9	103.6
p1 Cal 7-500ng	7	✓	500.0	481.8	96.4
p1 Cal 8-1000ng	8	✓	1000.0	879.1	87.9

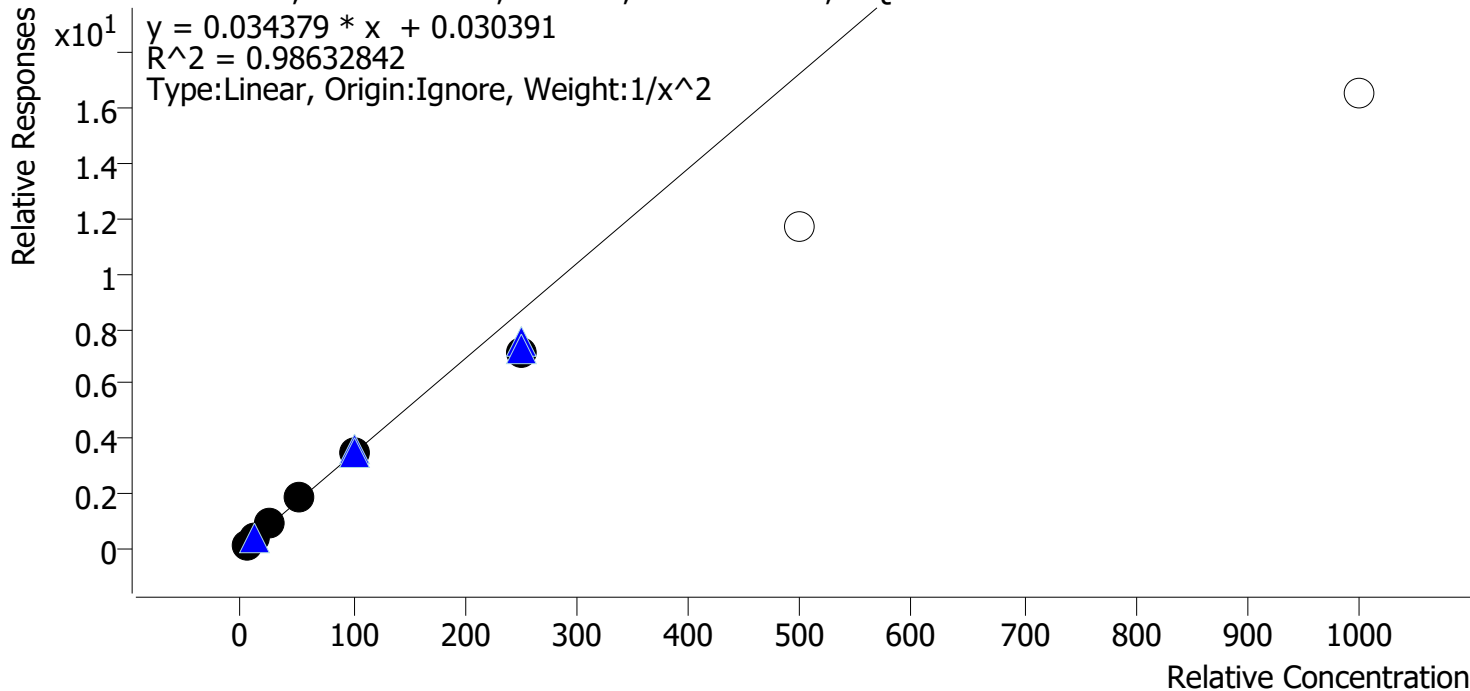
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datator
Analyte Clonazolam **Internal Standard** Clonazepam-D4

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

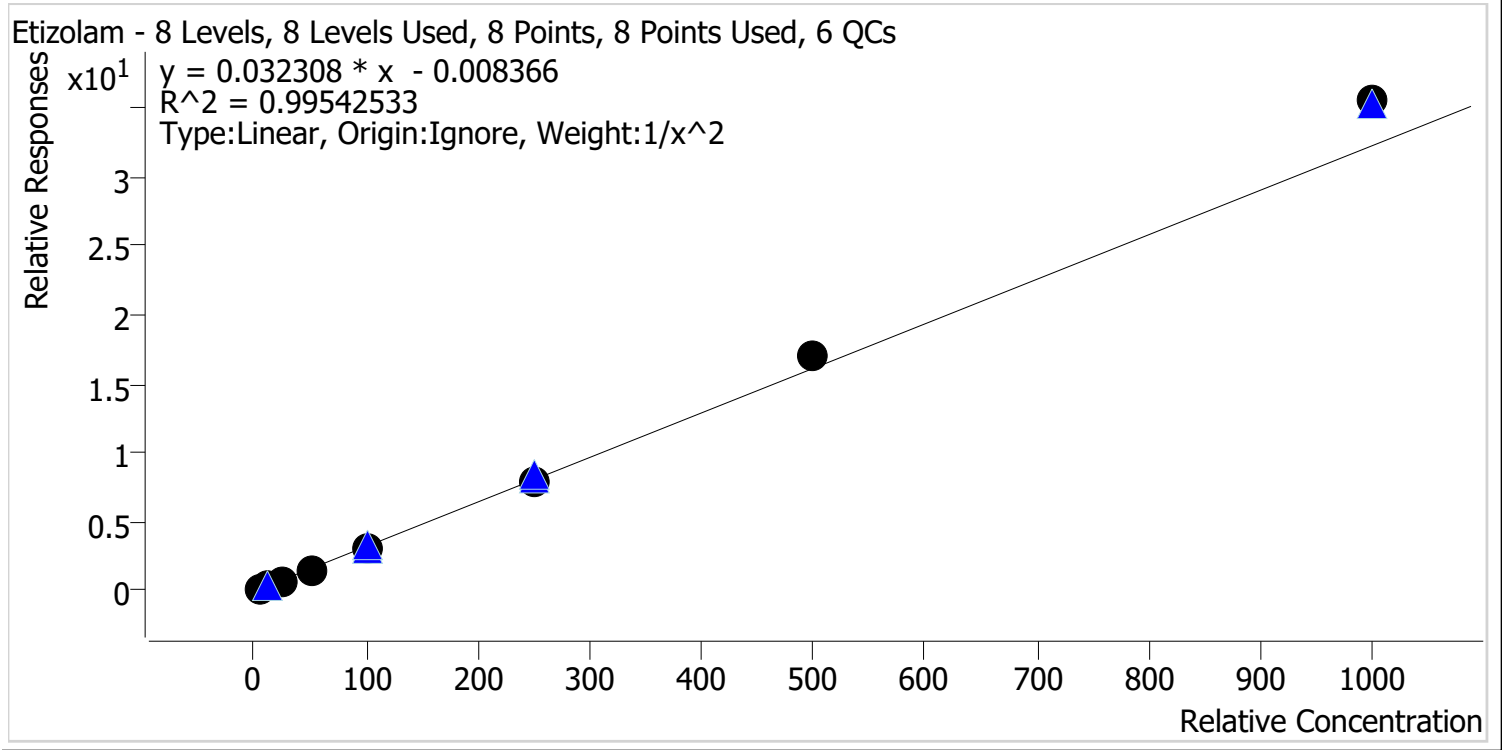


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.7	107.0
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	53.7	107.4
p1 Cal 5-100ng	5	✓	100.0	100.7	100.7
p1 Cal 6-250ng	6	✓	250.0	208.3	83.3
p1 Cal 7-500ng	7	x	500.0	338.2	67.6
p1 Cal 8-1000ng	8	x	1000.0	480.9	48.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Etizolam **Internal Standard** Clonazepam-D4

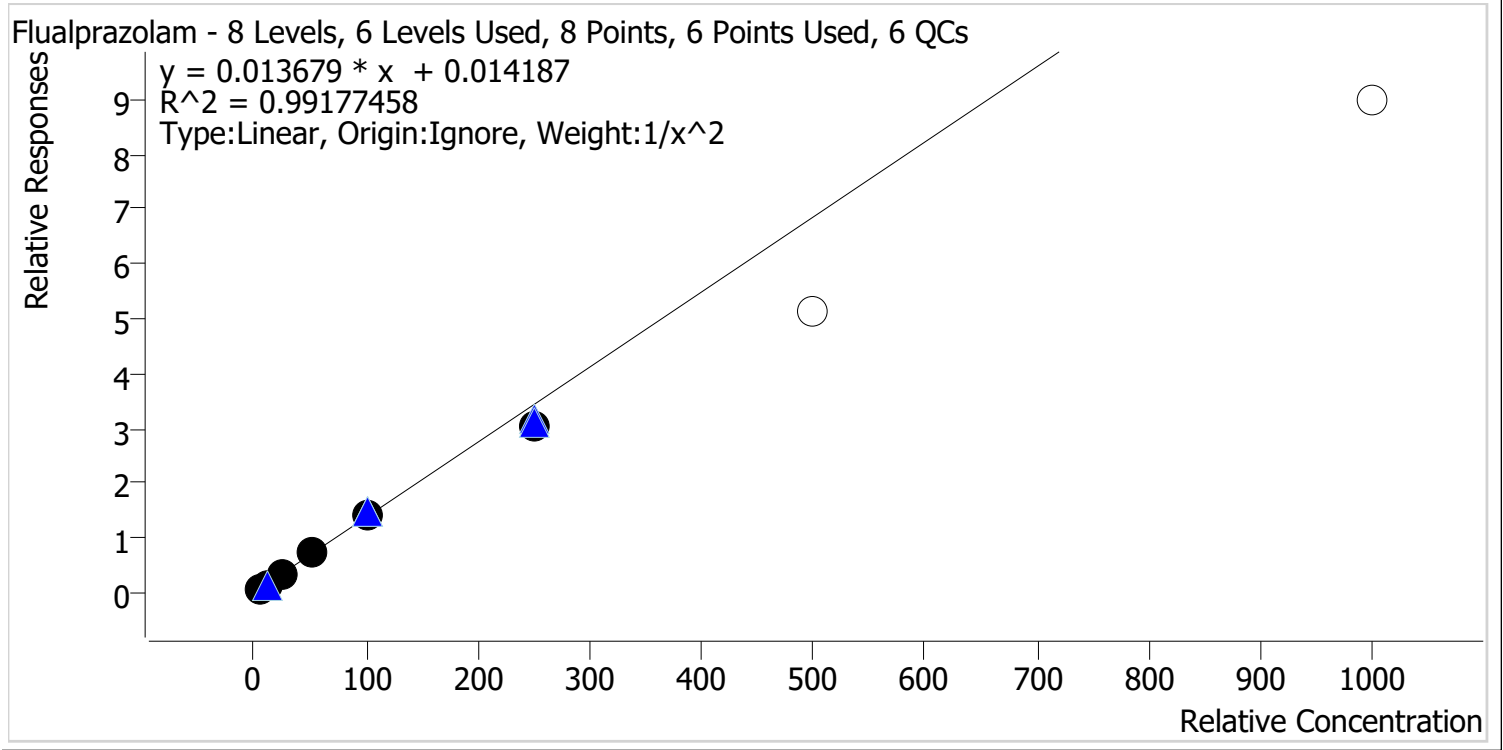


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.2
p1 Cal 2-10ng	2	✓	10.0	9.5	94.6
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.1
p1 Cal 4-50ng	4	✓	50.0	47.0	94.0
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	243.4	97.3
p1 Cal 7-500ng	7	✓	500.0	525.6	105.1
p1 Cal 8-1000ng	8	✓	1000.0	1101.3	110.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Flualprazolam **Internal Standard** Alprazolam-D5

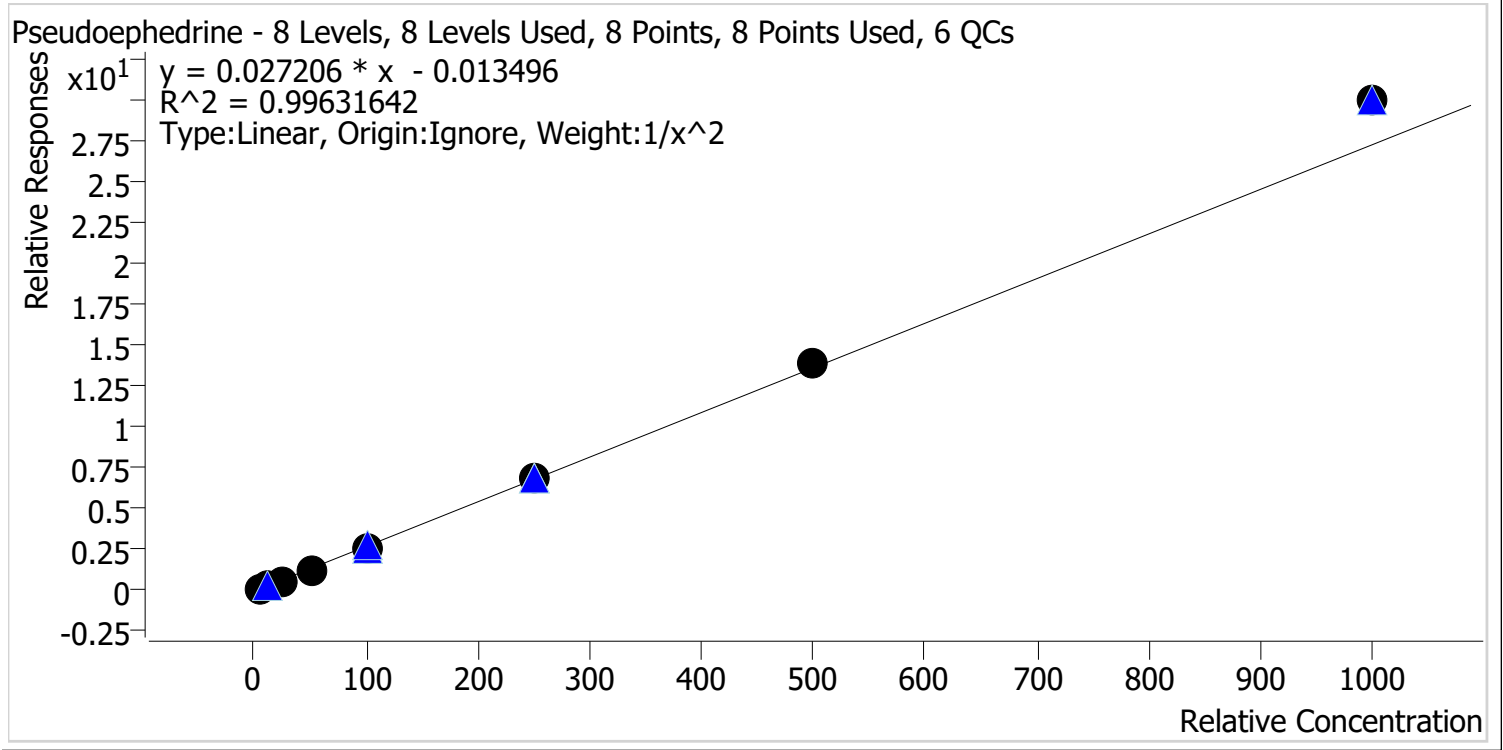


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	95.0
p1 Cal 2-10ng	2	✓	10.0	10.8	108.0
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	52.1	104.2
p1 Cal 5-100ng	5	✓	100.0	101.0	101.0
p1 Cal 6-250ng	6	✓	250.0	219.4	87.7
p1 Cal 7-500ng	7	x	500.0	372.0	74.4
p1 Cal 8-1000ng	8	x	1000.0	655.0	65.5



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Pseudoephedrine **Internal Standard** Pseudoephedrine-D3



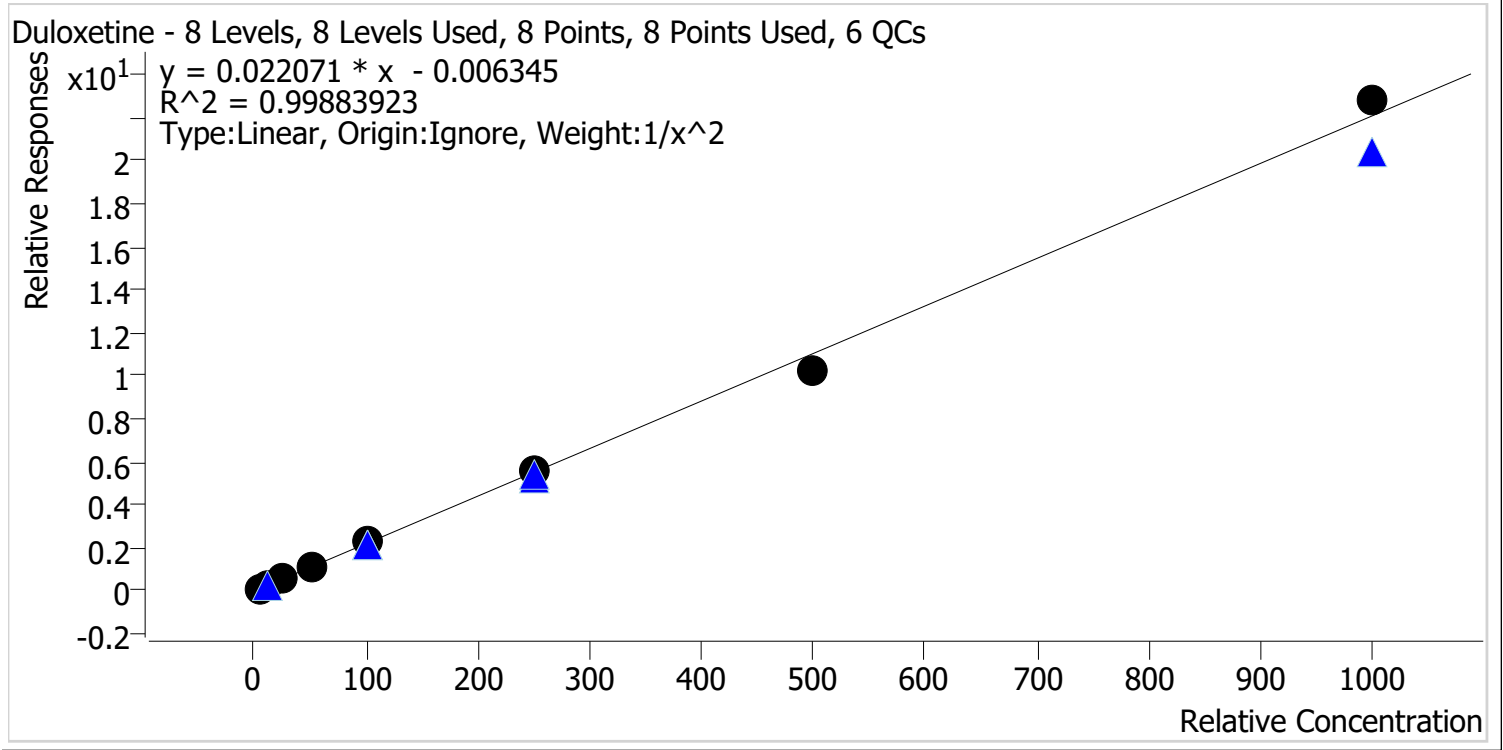
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	46.9	93.8
p1 Cal 5-100ng	5	✓	100.0	97.0	97.0
p1 Cal 6-250ng	6	✓	250.0	254.5	101.8
p1 Cal 7-500ng	7	✓	500.0	512.8	102.6
p1 Cal 8-1000ng	8	✓	1000.0	1096.8	109.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Duloxetine **Internal Standard** Duloxetine-D3

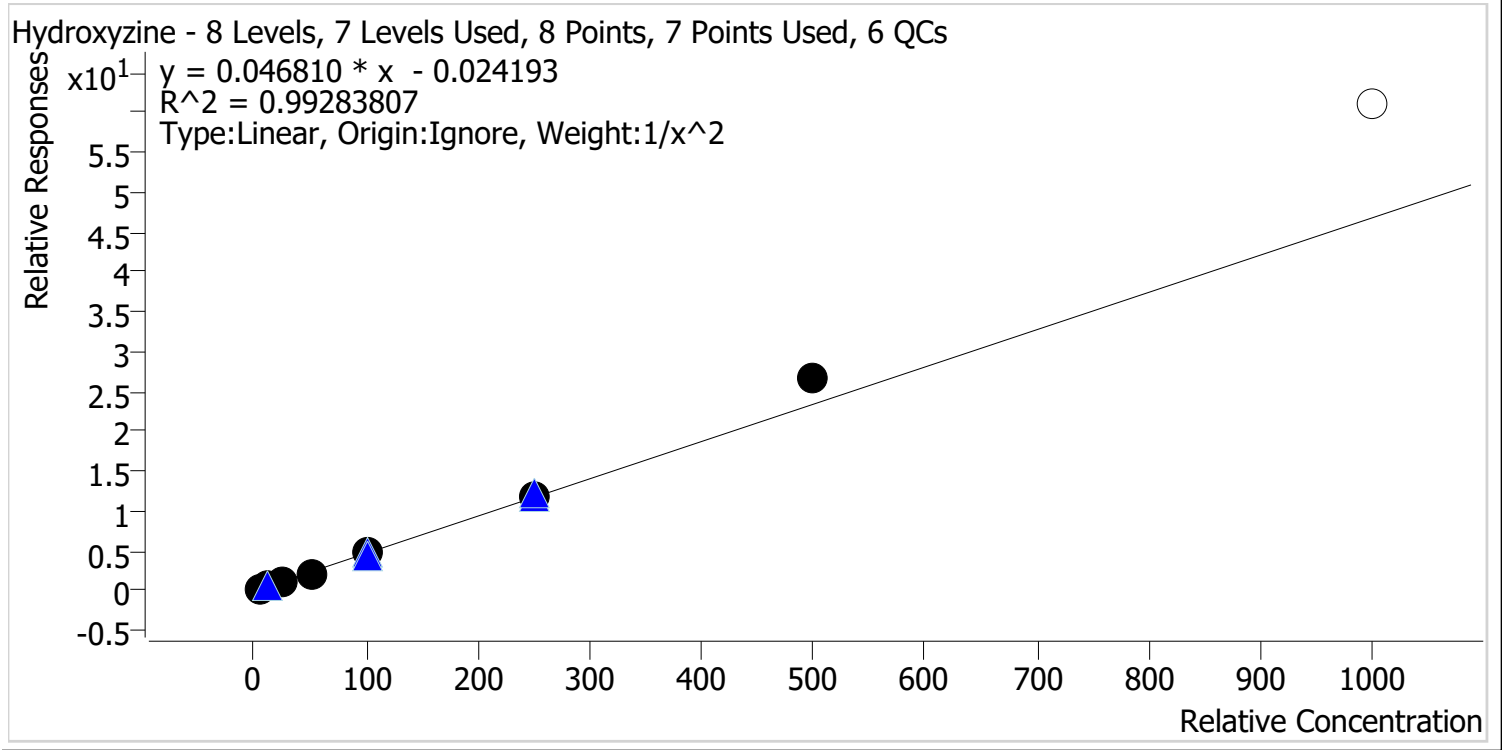


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.4
p1 Cal 2-10ng	2	✓	10.0	9.9	98.5
p1 Cal 3 -25ng	3	✓	25.0	25.2	100.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	101.6	101.6
p1 Cal 6-250ng	6	✓	250.0	252.4	101.0
p1 Cal 7-500ng	7	✓	500.0	467.1	93.4
p1 Cal 8-1000ng	8	✓	1000.0	1032.2	103.2



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Hydroxyzine **Internal Standard** Dextromethorphan-D3



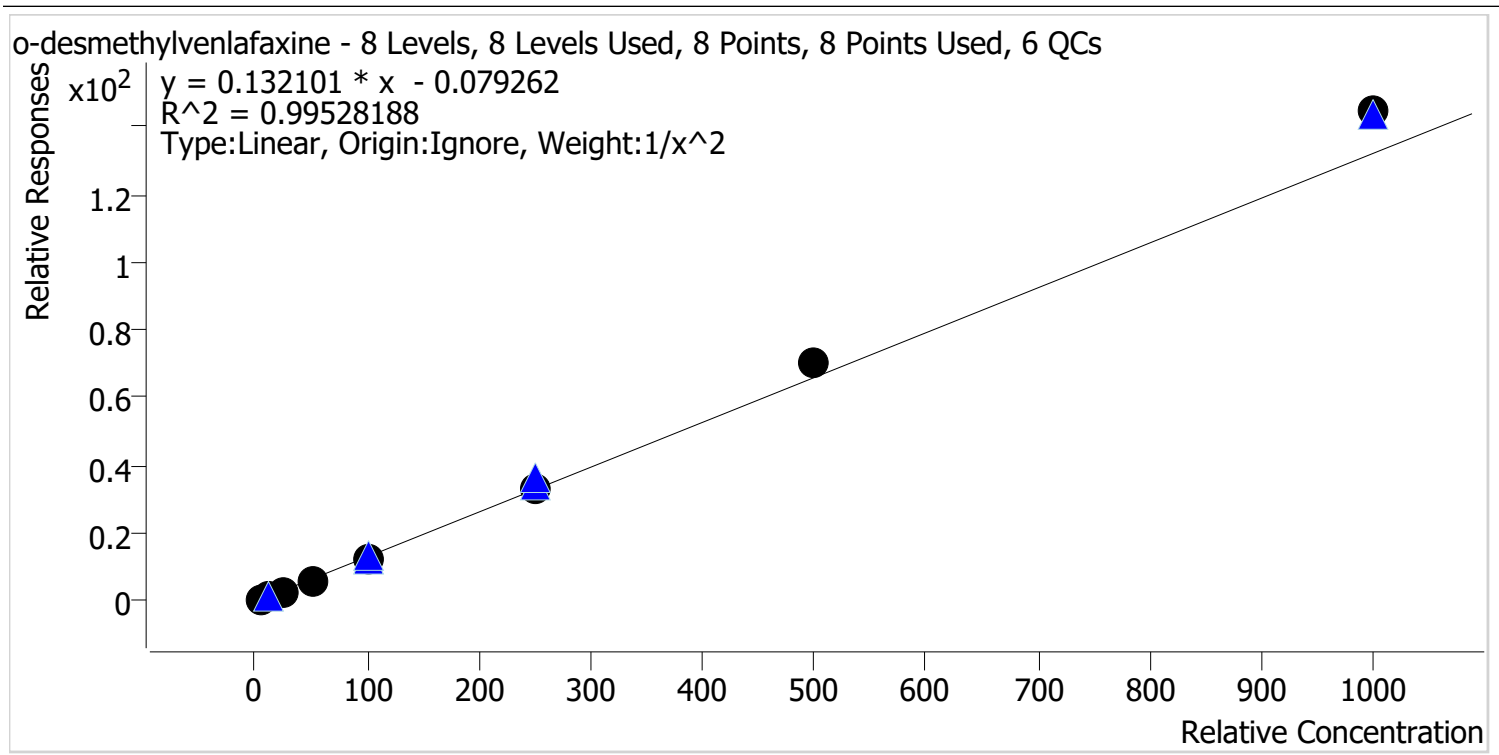
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.1
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	24.0	96.2
p1 Cal 4-50ng	4	✓	50.0	45.8	91.6
p1 Cal 5-100ng	5	✓	100.0	99.0	99.0
p1 Cal 6-250ng	6	✓	250.0	252.5	101.0
p1 Cal 7-500ng	7	✓	500.0	566.5	113.3
p1 Cal 8-1000ng	8	✗	1000.0	1306.6	130.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte o-desmethylvenlafaxine **Internal Standard** o-desmethylvenlafaxine-D6

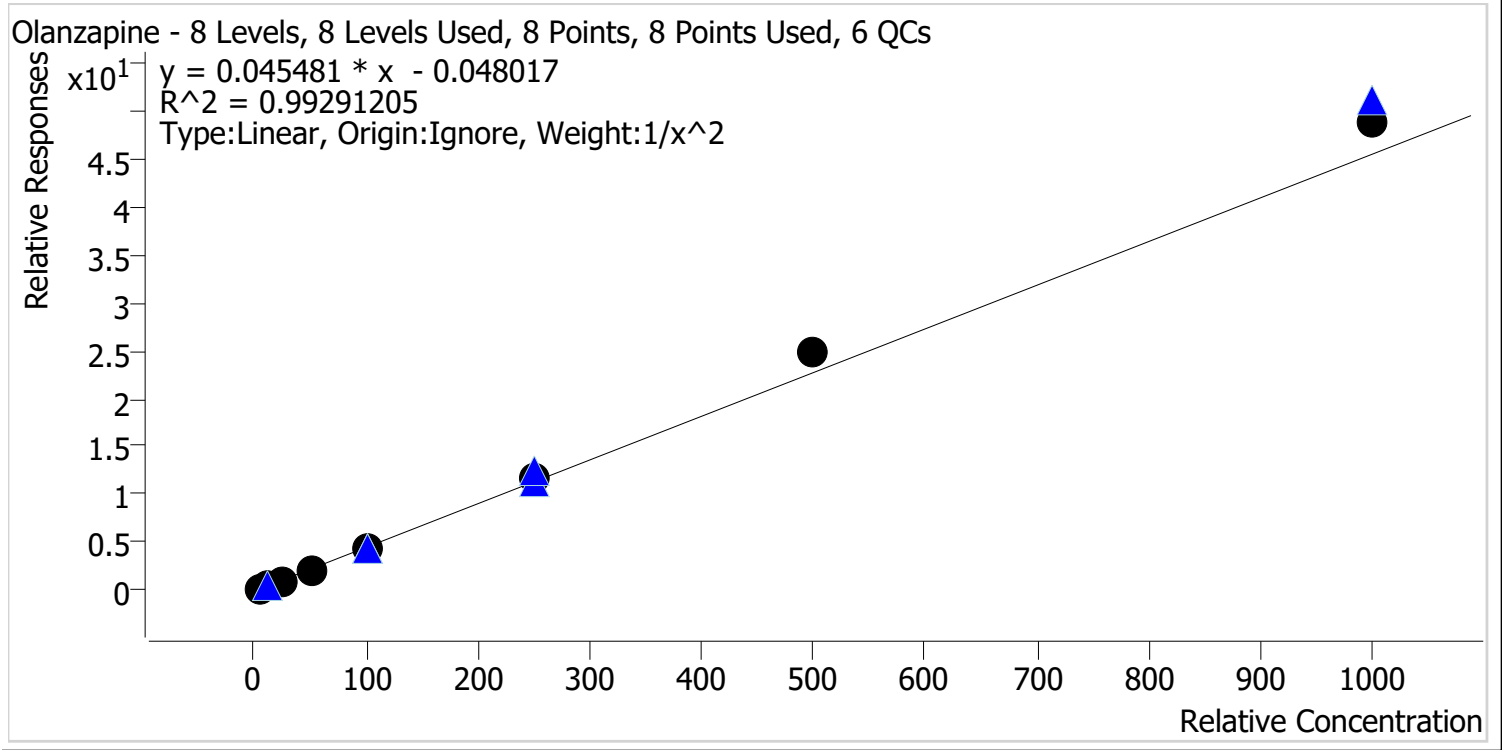


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.8
p1 Cal 3 -25ng	3	✓	25.0	23.5	94.1
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	95.0	95.0
p1 Cal 6-250ng	6	✓	250.0	253.6	101.4
p1 Cal 7-500ng	7	✓	500.0	530.4	106.1
p1 Cal 8-1000ng	8	✓	1000.0	1093.9	109.4



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Olanzapine **Internal Standard** Olanzapine-D8

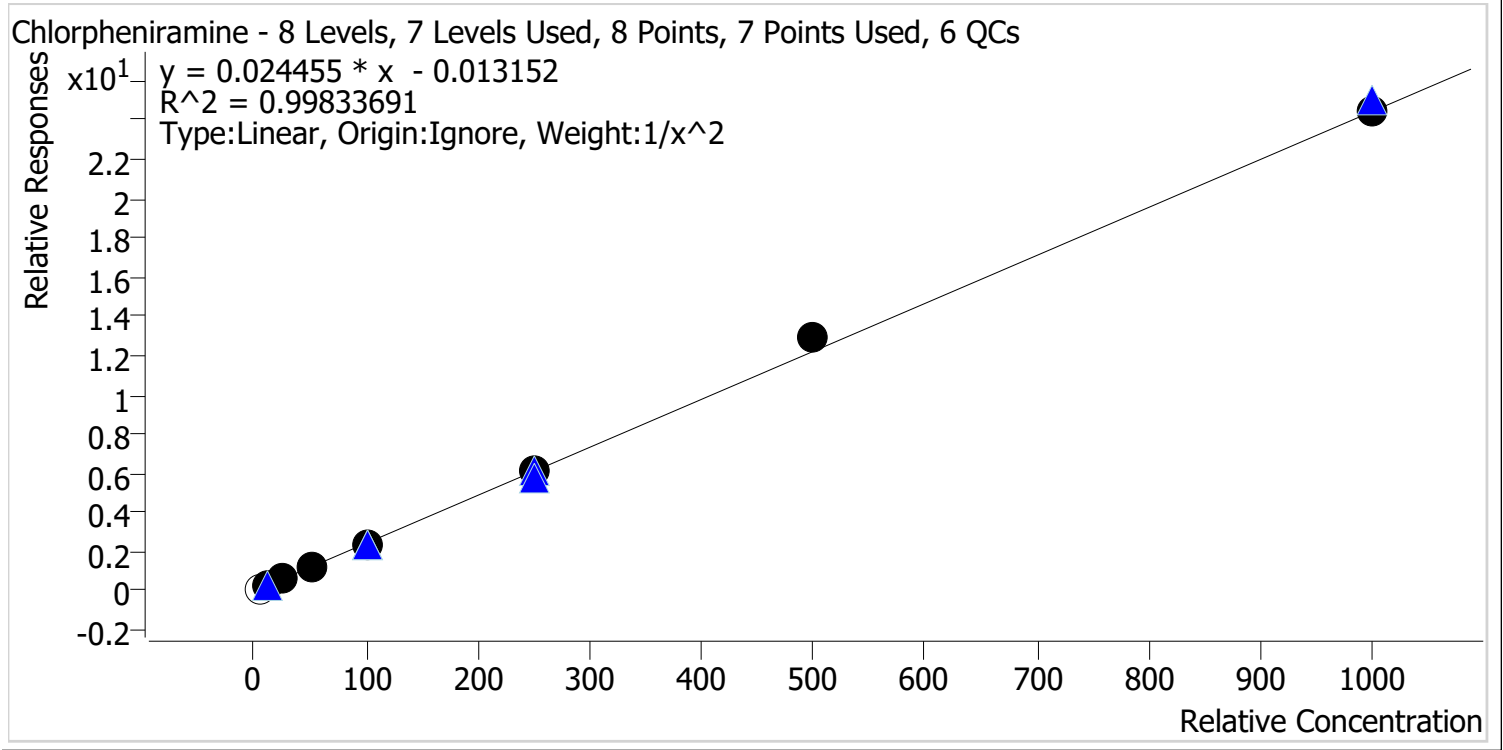


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.7
p1 Cal 2-10ng	2	✓	10.0	9.3	93.4
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.3
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	259.1	103.6
p1 Cal 7-500ng	7	✓	500.0	549.5	109.9
p1 Cal 8-1000ng	8	✓	1000.0	1069.6	107.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Chlorpheniramine **Internal Standard** Chlorpheniramine-D6

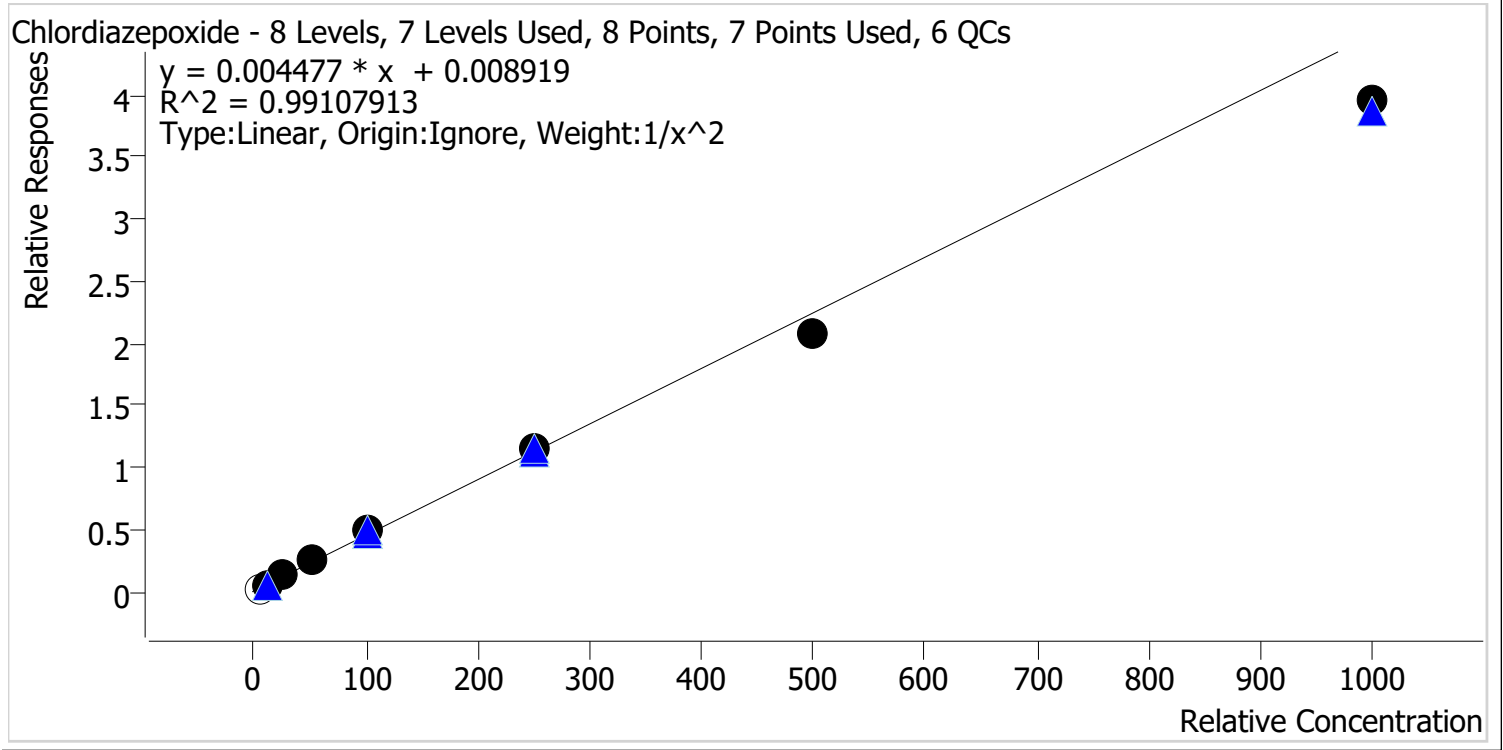


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	10.2	102.1
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.1
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	97.6	97.6
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	528.5	105.7
p1 Cal 8-1000ng	8	✓	1000.0	1002.8	100.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Chlordiazepoxide **Internal Standard** Chlordiazepoxide-D5



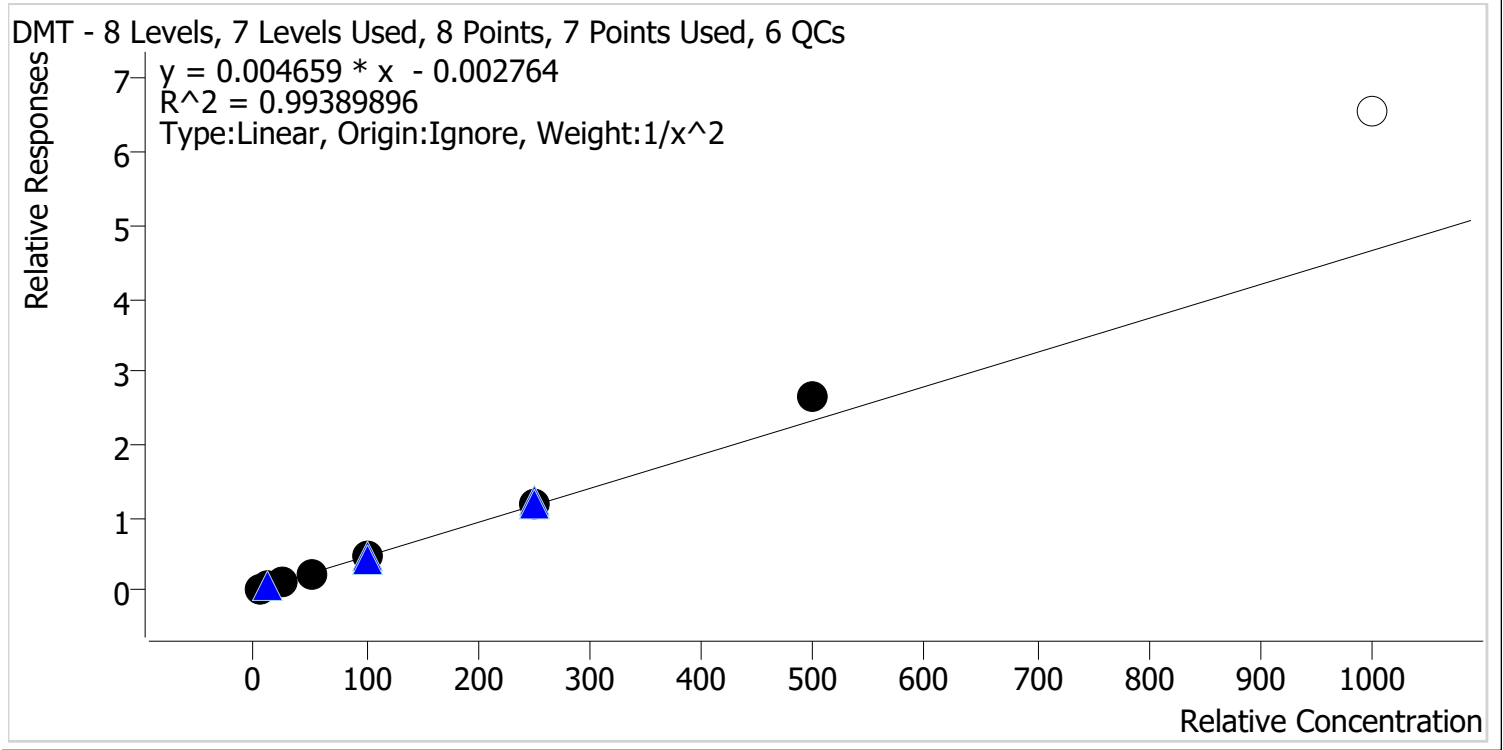
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	x	5.0	3.6	72.7
p1 Cal 2-10ng	2	✓	10.0	9.5	94.7
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	53.8	107.6
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	257.0	102.8
p1 Cal 7-500ng	7	✓	500.0	461.7	92.3
p1 Cal 8-1000ng	8	✓	1000.0	881.8	88.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte DMT **Internal Standard** Dextromethorphan-D3



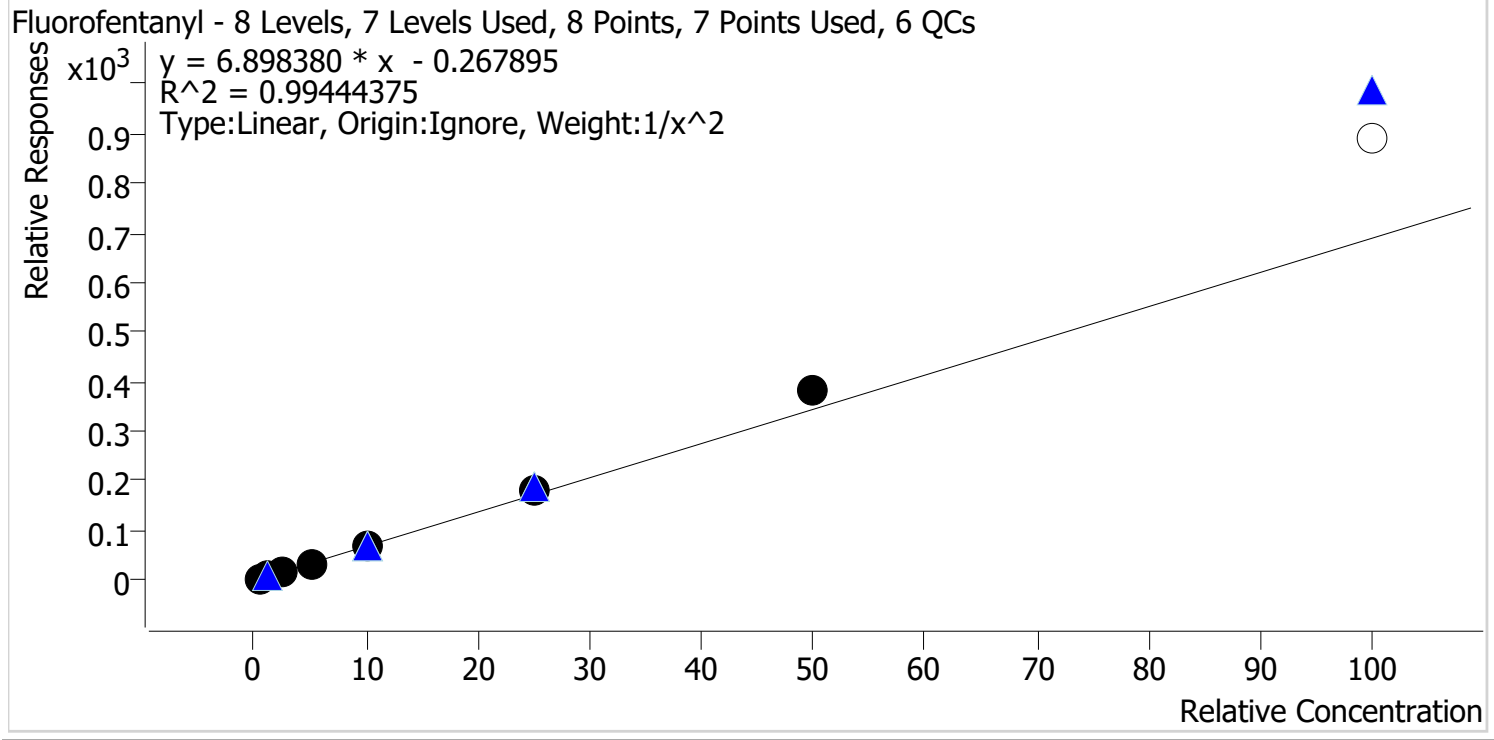
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.3
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.2
p1 Cal 4-50ng	4	✓	50.0	48.2	96.5
p1 Cal 5-100ng	5	✓	100.0	97.5	97.5
p1 Cal 6-250ng	6	✓	250.0	249.1	99.6
p1 Cal 7-500ng	7	✓	500.0	565.7	113.1
p1 Cal 8-1000ng	8	✗	1000.0	1406.3	140.6

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Fluorofentanyl **Internal Standard** Fluorofentanyl-D5



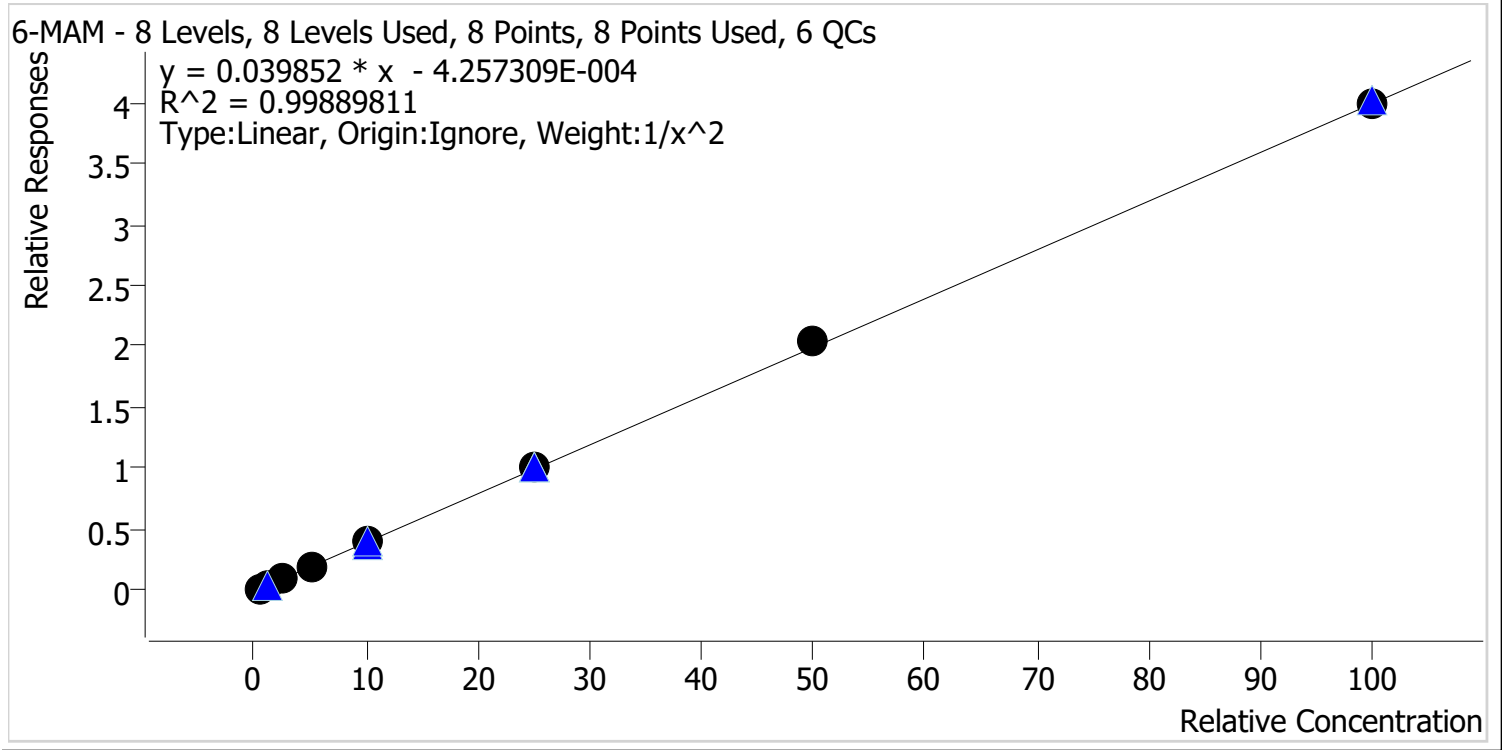
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	101.7
p1 Cal 2-10ng	2	✓	1.0	1.0	100.9
p1 Cal 3 -25ng	3	✓	2.5	2.3	92.4
p1 Cal 4-50ng	4	✓	5.0	4.7	93.9
p1 Cal 5-100ng	5	✓	10.0	9.6	96.4
p1 Cal 6-250ng	6	✓	25.0	26.0	104.1
p1 Cal 7-500ng	7	✓	50.0	55.3	110.6
p1 Cal 8-1000ng	8	✗	100.0	129.7	129.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte 6-MAM **Internal Standard** 6-MAM-D6



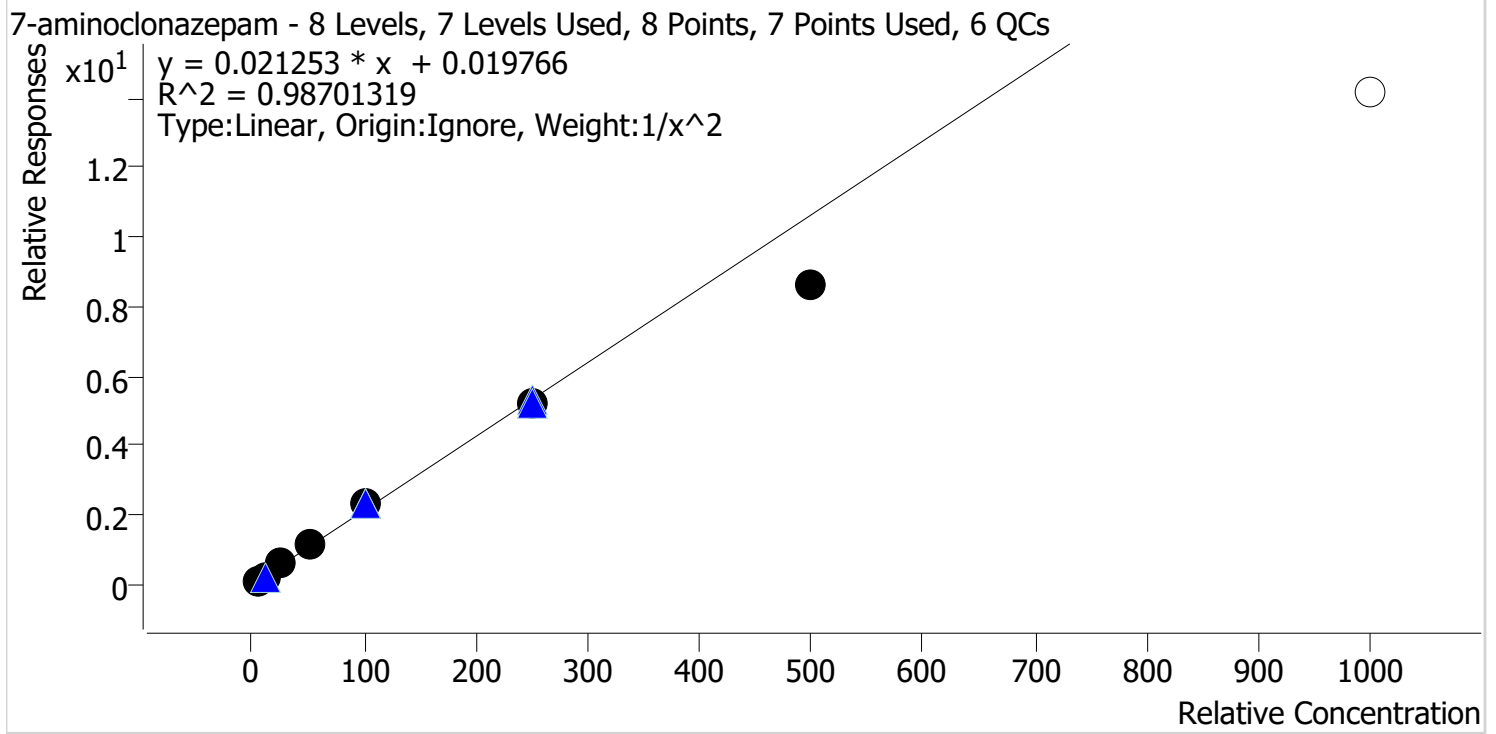
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.3
p1 Cal 2-10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.5	98.1
p1 Cal 4-50ng	4	✓	5.0	4.8	95.4
p1 Cal 5-100ng	5	✓	10.0	10.2	101.8
p1 Cal 6-250ng	6	✓	25.0	25.6	102.5
p1 Cal 7-500ng	7	✓	50.0	51.5	102.9
p1 Cal 8-1000ng	8	✓	100.0	100.2	100.2

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AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte 7-aminoclonazepam **Internal Standard** 7-Aminoclonazepam-D4



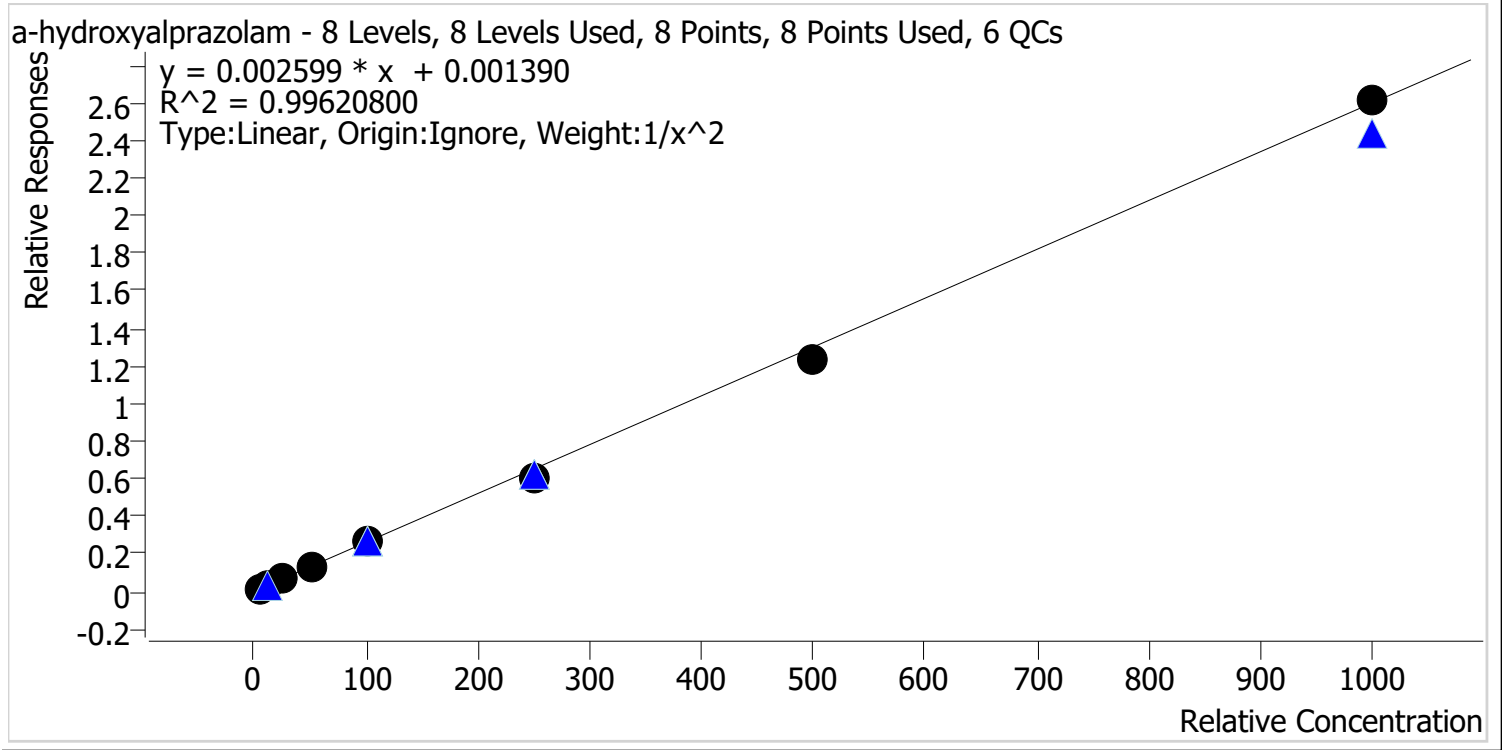
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.8
p1 Cal 2-10ng	2	✓	10.0	10.4	103.5
p1 Cal 3 -25ng	3	✓	25.0	27.1	108.3
p1 Cal 4-50ng	4	✓	50.0	53.4	106.9
p1 Cal 5-100ng	5	✓	100.0	107.4	107.4
p1 Cal 6-250ng	6	✓	250.0	242.3	96.9
p1 Cal 7-500ng	7	✓	500.0	406.0	81.2
p1 Cal 8-1000ng	8	✗	1000.0	665.3	66.5

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte a-hydroxyalprazolam **Internal Standard** Temazepam-D5



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	105.1
p1 Cal 3 -25ng	3	✓	25.0	27.2	108.9
p1 Cal 4-50ng	4	✓	50.0	49.9	99.9
p1 Cal 5-100ng	5	✓	100.0	101.9	101.9
p1 Cal 6-250ng	6	✓	250.0	233.9	93.6
p1 Cal 7-500ng	7	✓	500.0	472.0	94.4
p1 Cal 8-1000ng	8	✓	1000.0	1004.8	100.5

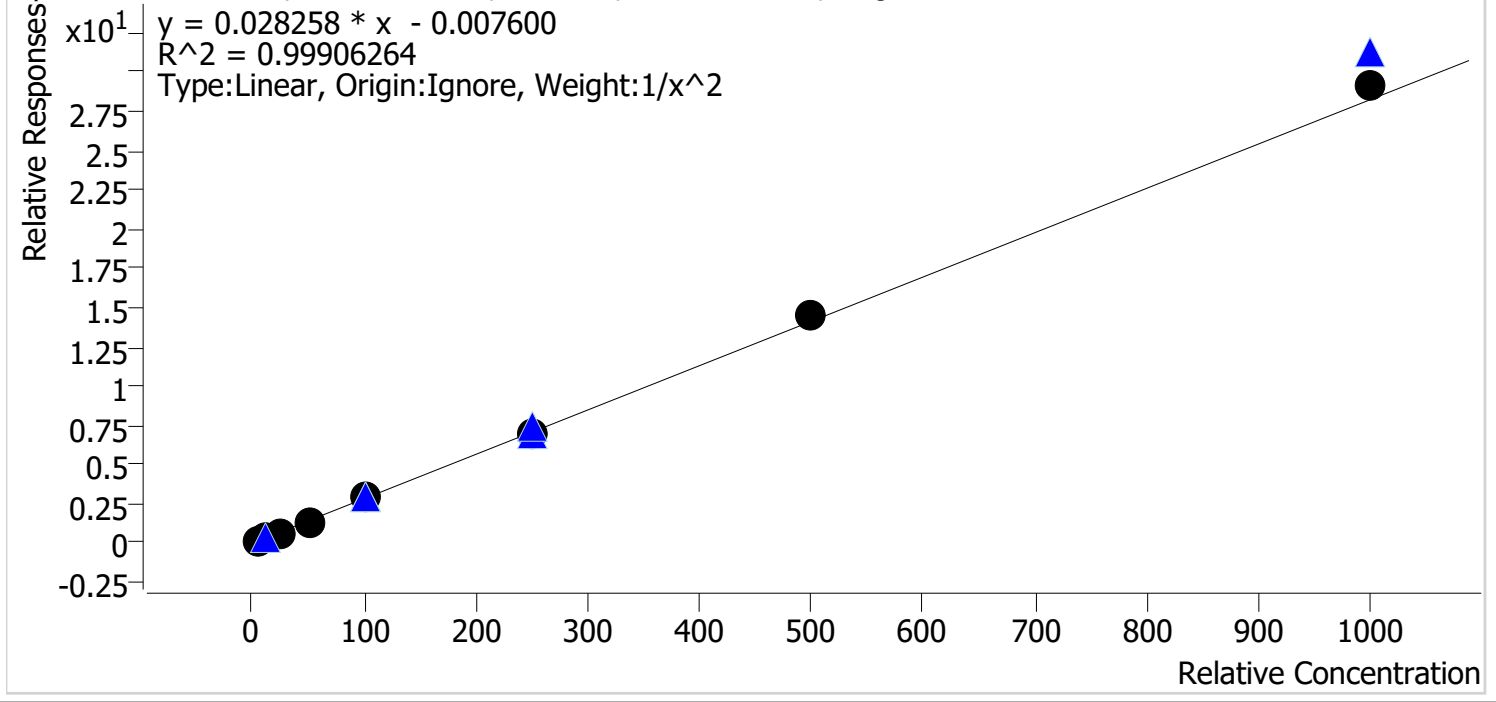
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte alpha-PVP **Internal Standard** alpha-PVP-D8

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



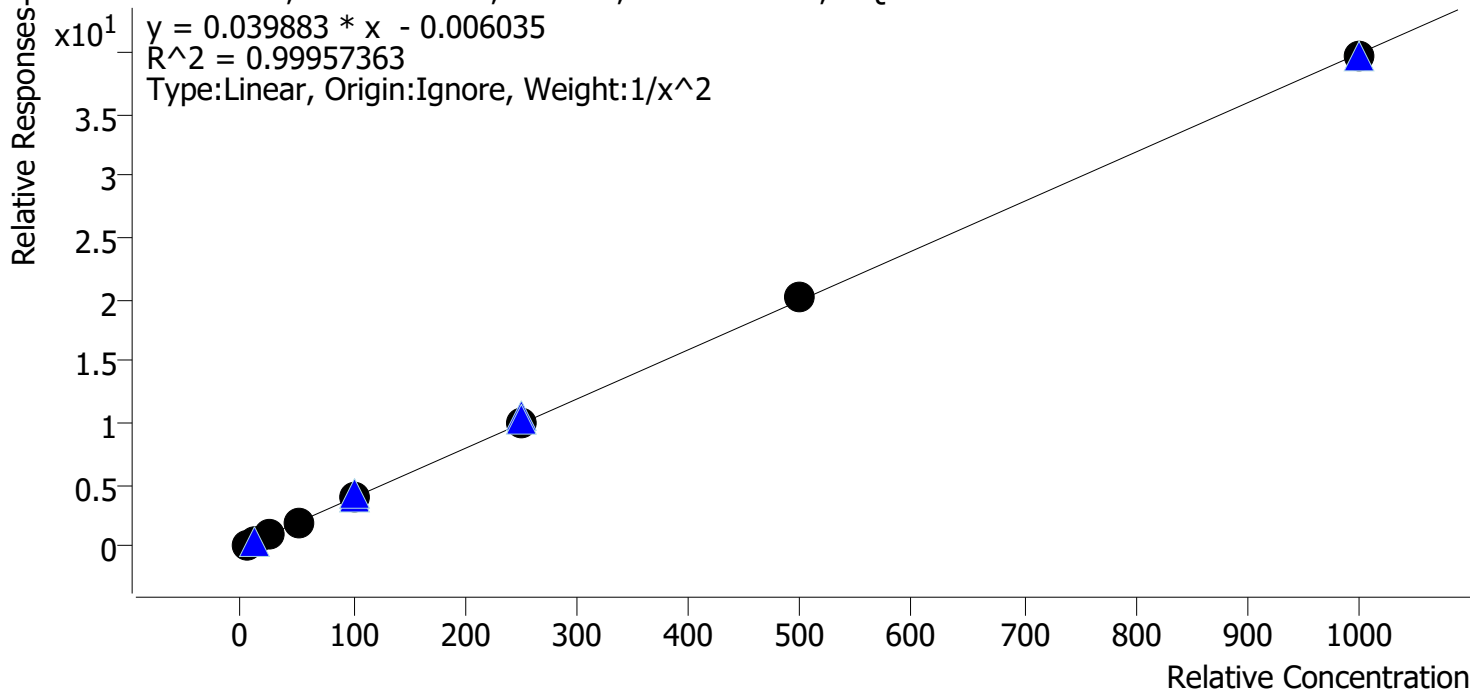
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.6
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.4
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	99.9	99.9
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	517.3	103.5
p1 Cal 8-1000ng	8	✓	1000.0	1030.2	103.0



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Alprazolam **Internal Standard** Alprazolam-D5

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



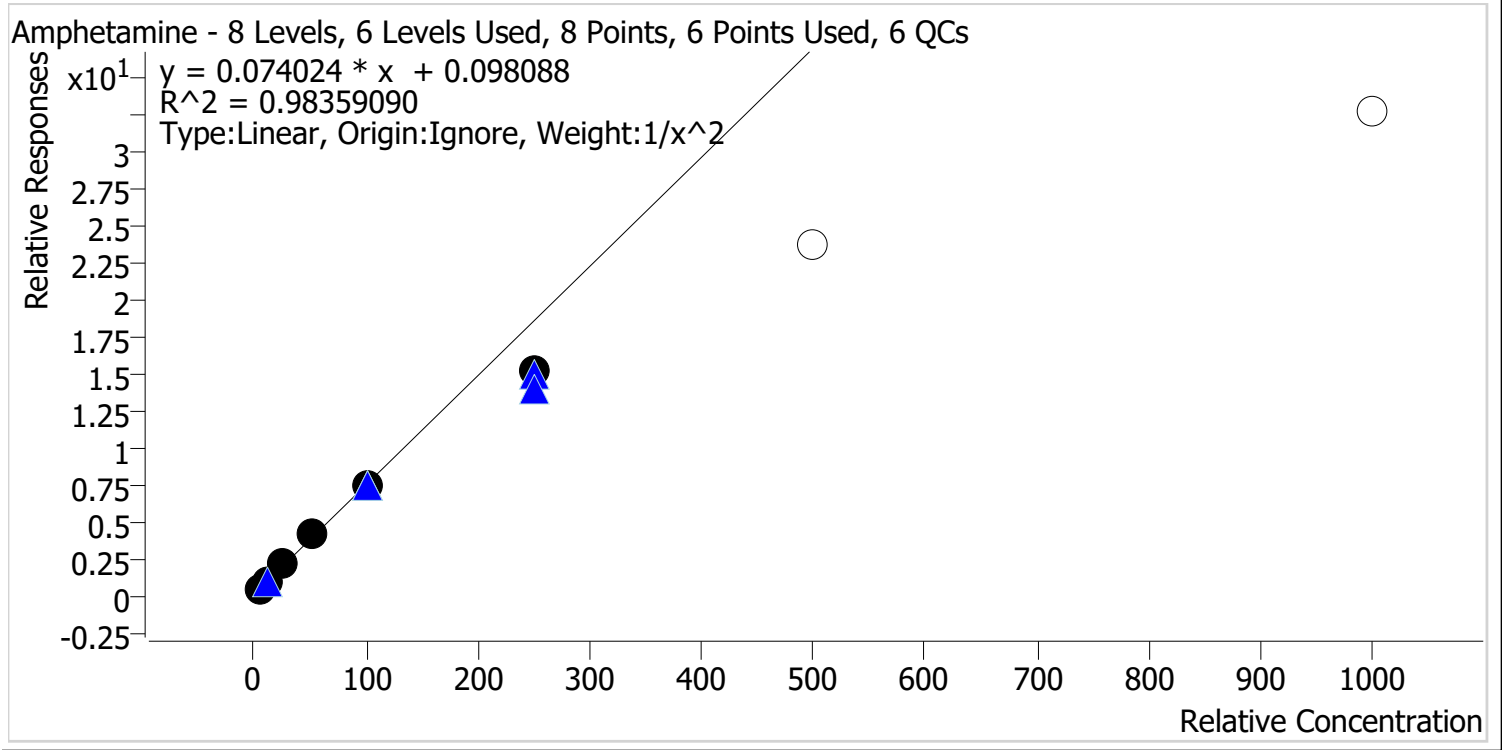
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	101.0
p1 Cal 2-10ng	2	✓	10.0	9.9	99.2
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.0
p1 Cal 5-100ng	5	✓	100.0	102.4	102.4
p1 Cal 6-250ng	6	✓	250.0	249.5	99.8
p1 Cal 7-500ng	7	✓	500.0	508.8	101.8
p1 Cal 8-1000ng	8	✓	1000.0	992.9	99.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Amphetamine **Internal Standard** Amphetamine-D11



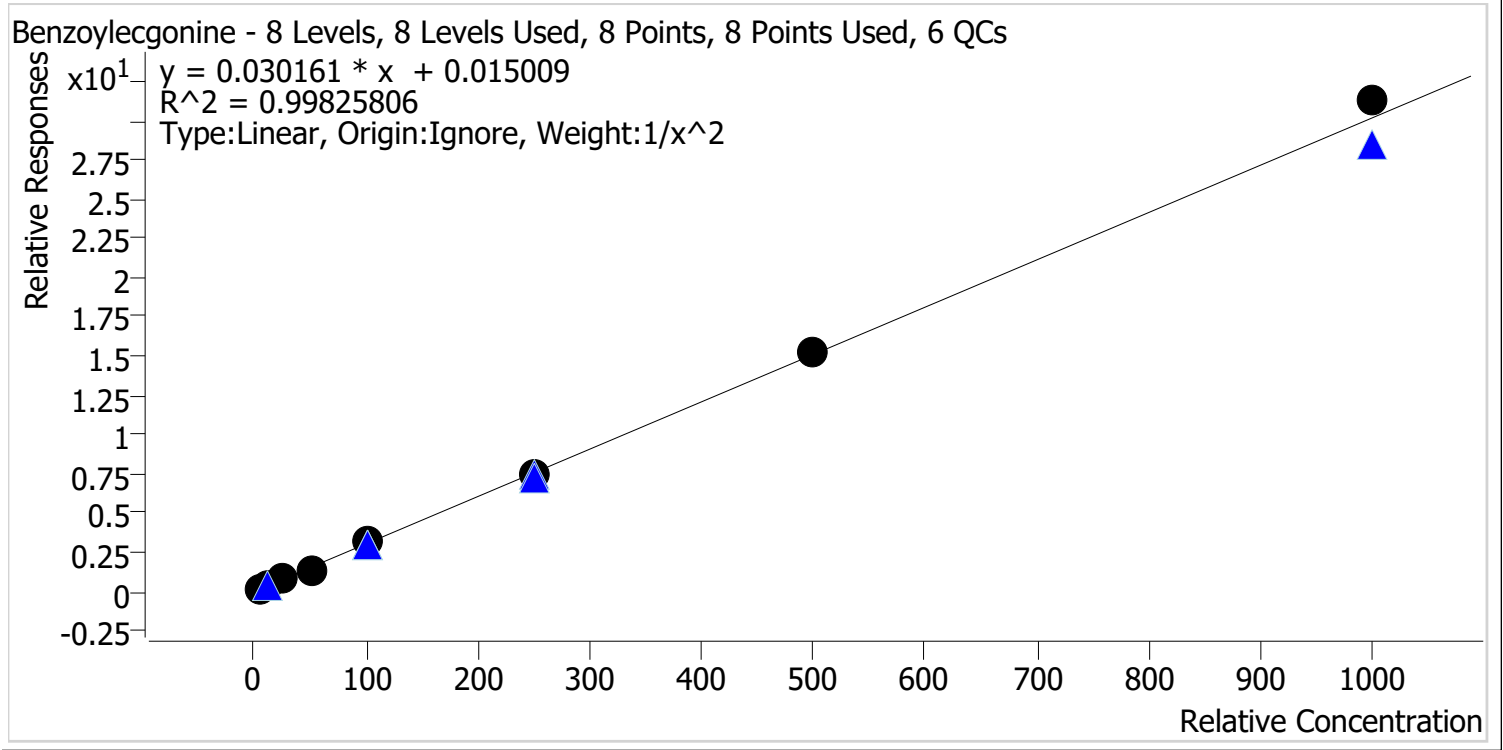
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.0
p1 Cal 2-10ng	2	✓	10.0	10.7	107.3
p1 Cal 3 -25ng	3	✓	25.0	27.6	110.2
p1 Cal 4-50ng	4	✓	50.0	53.4	106.8
p1 Cal 5-100ng	5	✓	100.0	99.3	99.3
p1 Cal 6-250ng	6	✓	250.0	205.8	82.3
p1 Cal 7-500ng	7	✗	500.0	321.0	64.2
p1 Cal 8-1000ng	8	✗	1000.0	442.7	44.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Benzoylecgonine **Internal Standard** Benzoylecgonine-d8



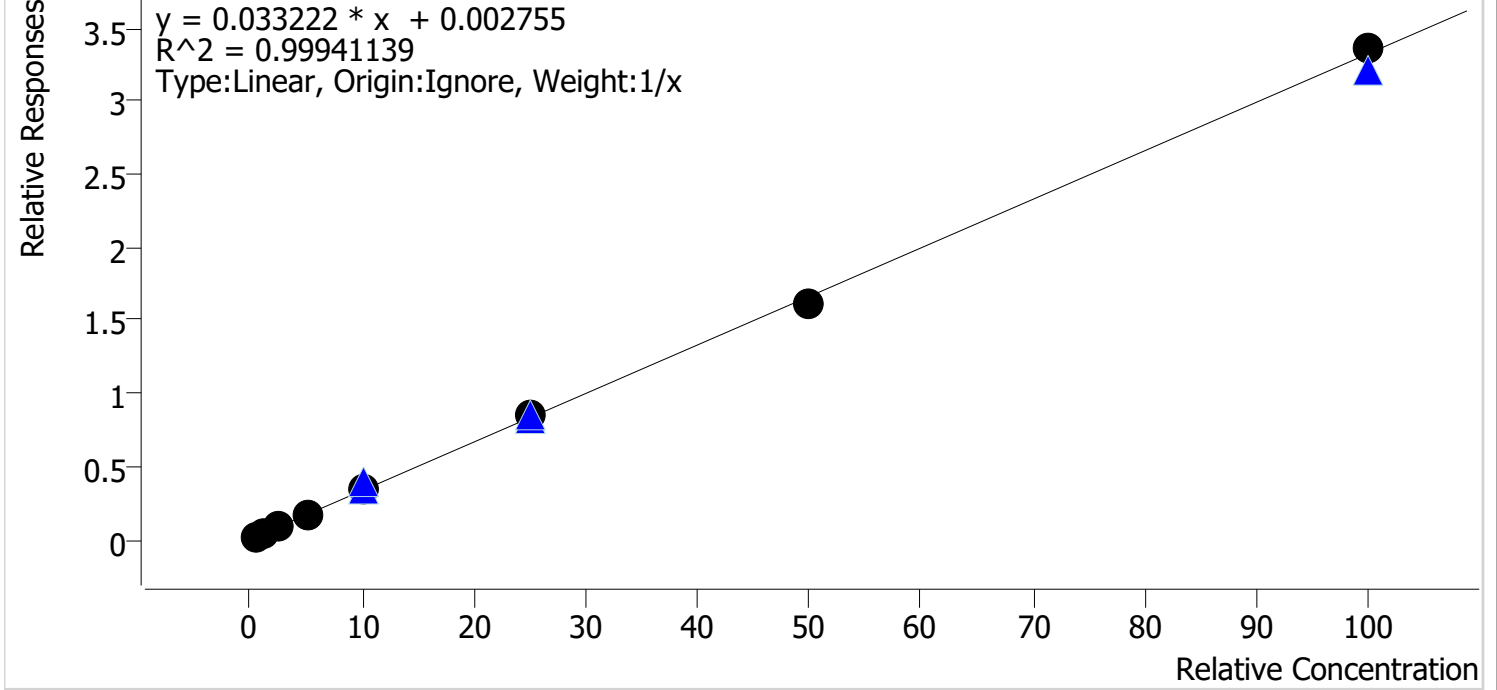
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.4
p1 Cal 3 -25ng	3	✓	25.0	24.2	96.8
p1 Cal 4-50ng	4	✓	50.0	46.9	93.7
p1 Cal 5-100ng	5	✓	100.0	104.7	104.7
p1 Cal 6-250ng	6	✓	250.0	250.0	100.0
p1 Cal 7-500ng	7	✓	500.0	504.3	100.9
p1 Cal 8-1000ng	8	✓	1000.0	1036.6	103.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Buprenorphine **Internal Standard** Buprenorphine-D4

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



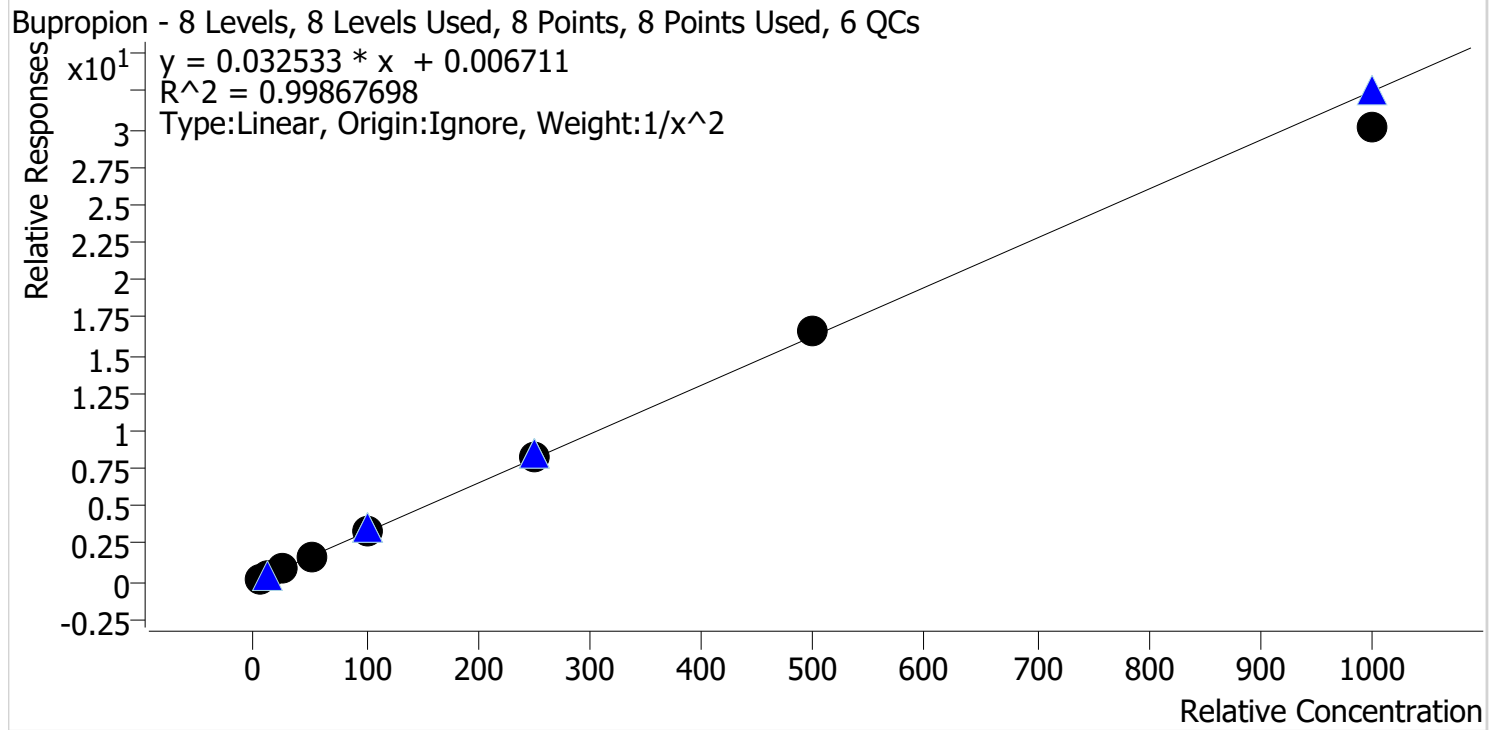
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	97.8
p1 Cal 2-10ng	2	✓	1.0	1.0	95.6
p1 Cal 3 -25ng	3	✓	2.5	2.6	104.0
p1 Cal 4-50ng	4	✓	5.0	5.0	99.9
p1 Cal 5-100ng	5	✓	10.0	10.4	104.1
p1 Cal 6-250ng	6	✓	25.0	25.3	101.3
p1 Cal 7-500ng	7	✓	50.0	48.2	96.4
p1 Cal 8-1000ng	8	✓	100.0	101.1	101.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Bupropion **Internal Standard** Bupropion-D9

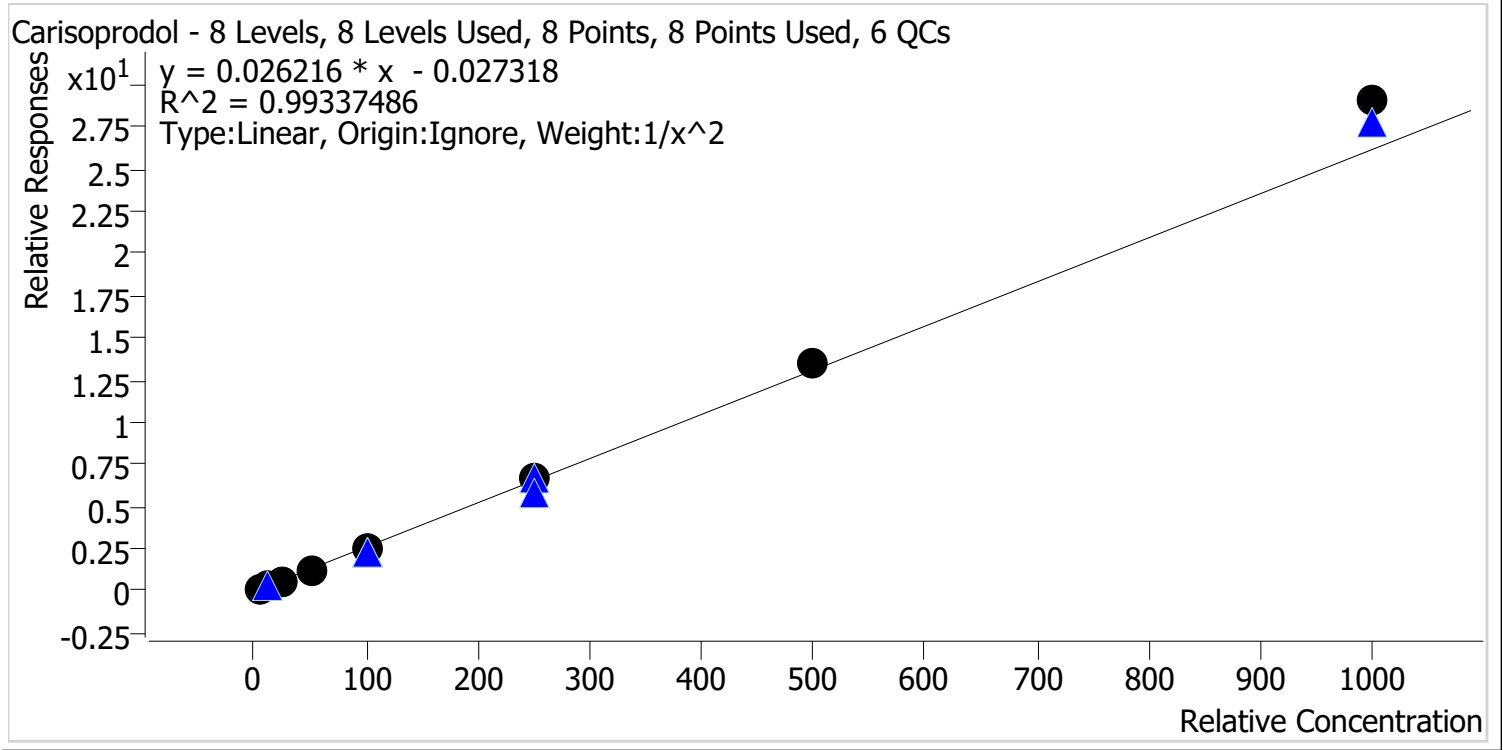


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.2
p1 Cal 2-10ng	2	✓	10.0	9.9	98.9
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.0
p1 Cal 4-50ng	4	✓	50.0	51.1	102.2
p1 Cal 5-100ng	5	✓	100.0	102.7	102.7
p1 Cal 6-250ng	6	✓	250.0	252.8	101.1
p1 Cal 7-500ng	7	✓	500.0	510.3	102.1
p1 Cal 8-1000ng	8	✓	1000.0	928.5	92.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Carisoprodol **Internal Standard** Carisoprodol-D7

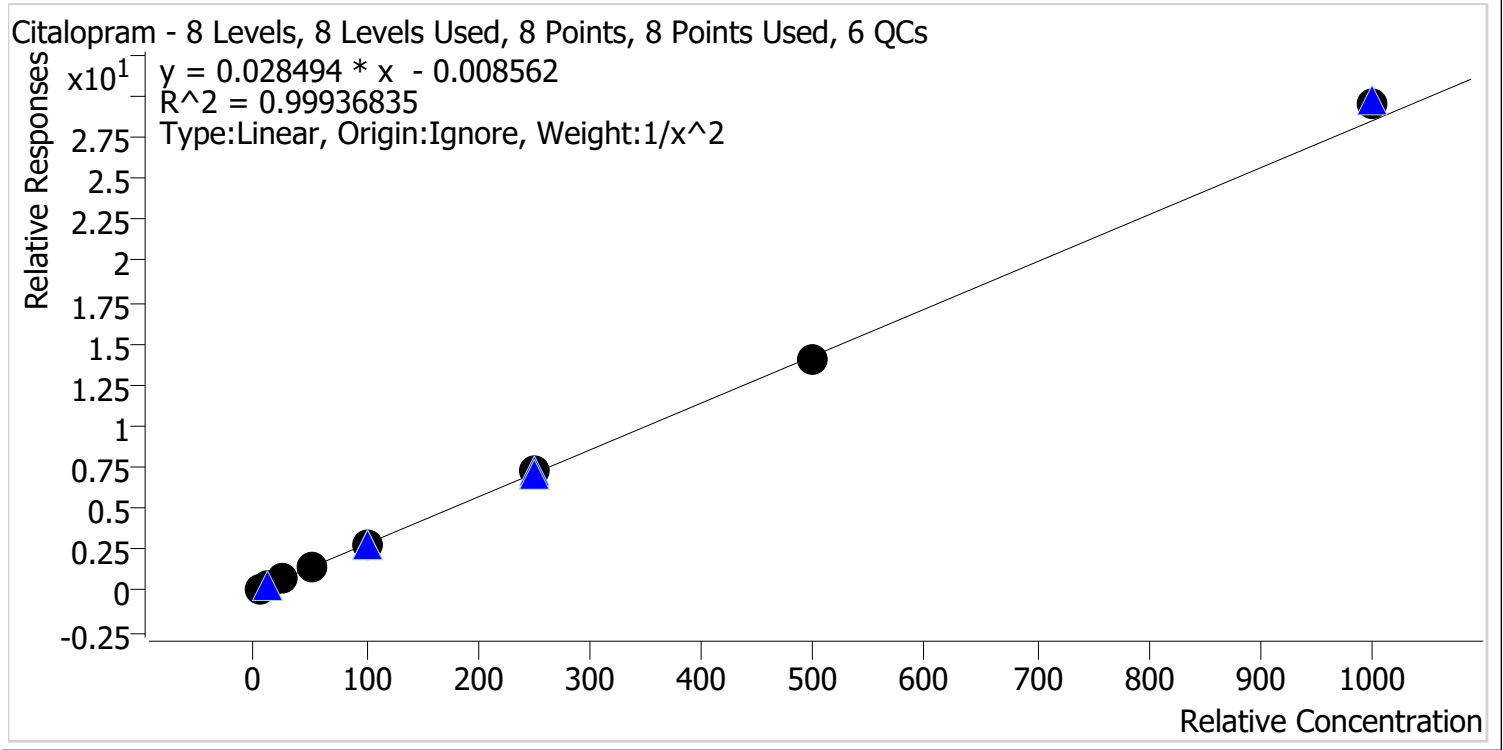


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.9
p1 Cal 2-10ng	2	✓	10.0	9.3	92.7
p1 Cal 3 -25ng	3	✓	25.0	22.8	91.4
p1 Cal 4-50ng	4	✓	50.0	46.6	93.2
p1 Cal 5-100ng	5	✓	100.0	99.6	99.6
p1 Cal 6-250ng	6	✓	250.0	256.3	102.5
p1 Cal 7-500ng	7	✓	500.0	518.1	103.6
p1 Cal 8-1000ng	8	✓	1000.0	1110.8	111.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Citalopram **Internal Standard** Citalopram-D6



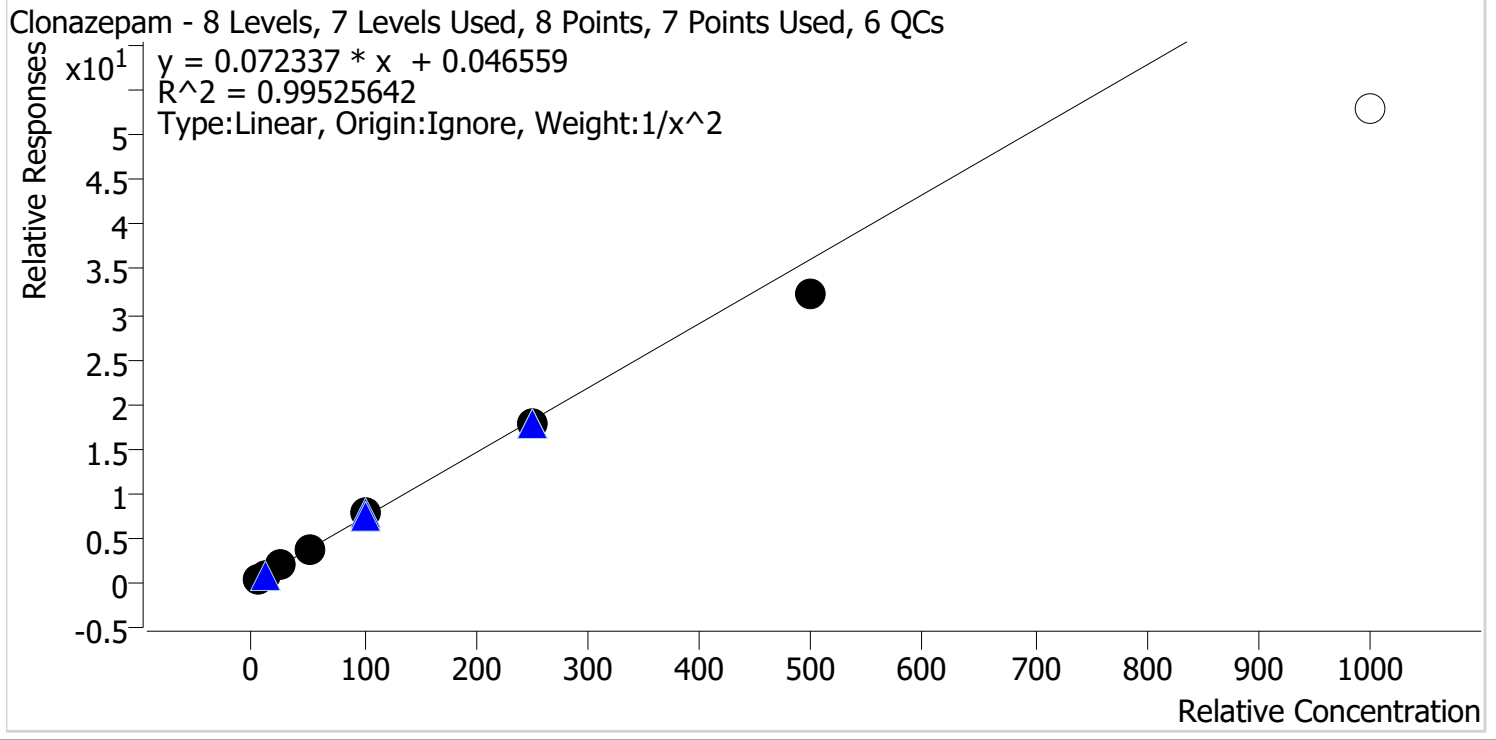
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.7
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	24.7	98.9
p1 Cal 4-50ng	4	✓	50.0	48.9	97.9
p1 Cal 5-100ng	5	✓	100.0	100.8	100.8
p1 Cal 6-250ng	6	✓	250.0	254.1	101.6
p1 Cal 7-500ng	7	✓	500.0	491.8	98.4
p1 Cal 8-1000ng	8	✓	1000.0	1034.0	103.4

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Clonazepam **Internal Standard** Clonazepam-D4



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.3
p1 Cal 2-10ng	2	✓	10.0	10.3	102.7
p1 Cal 3 -25ng	3	✓	25.0	26.0	103.9
p1 Cal 4-50ng	4	✓	50.0	52.5	105.0
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	242.5	97.0
p1 Cal 7-500ng	7	✓	500.0	446.1	89.2
p1 Cal 8-1000ng	8	x	1000.0	734.8	73.5

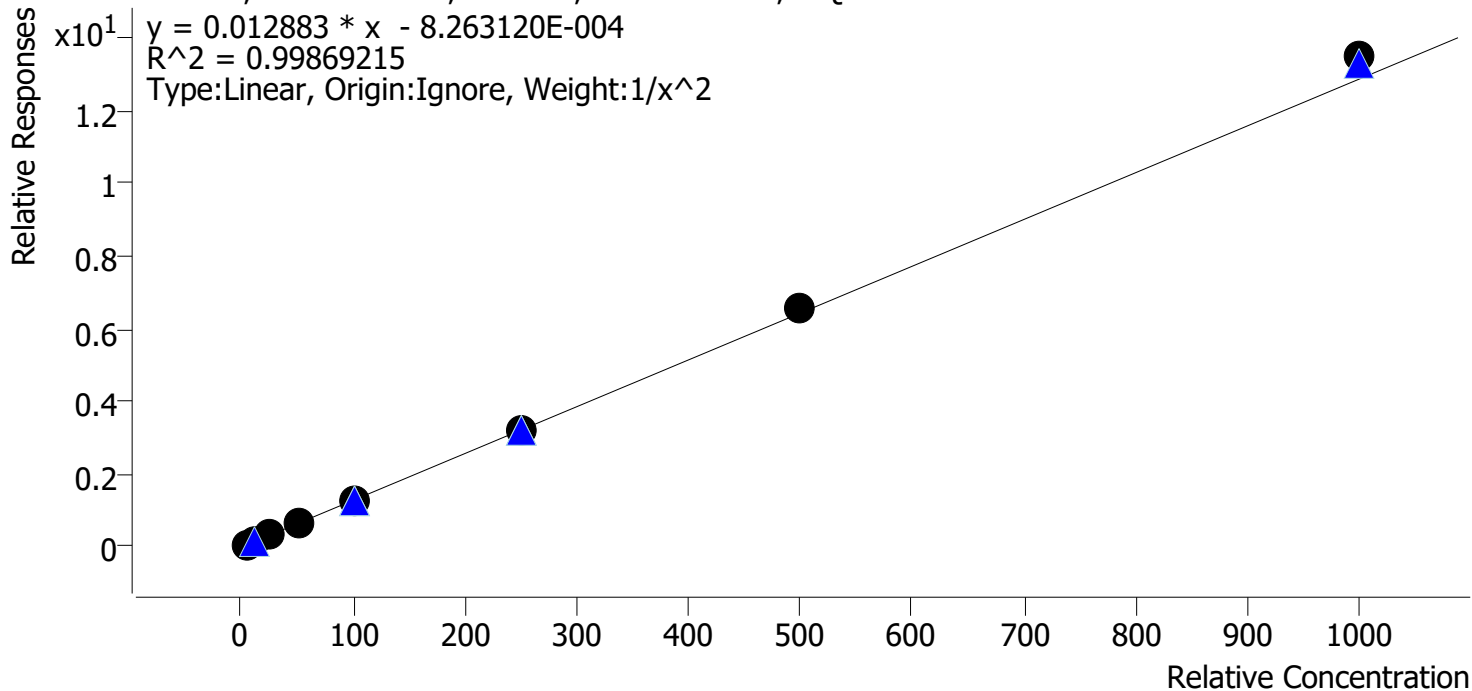
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Cocaine **Internal Standard** Cocaine-D3

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



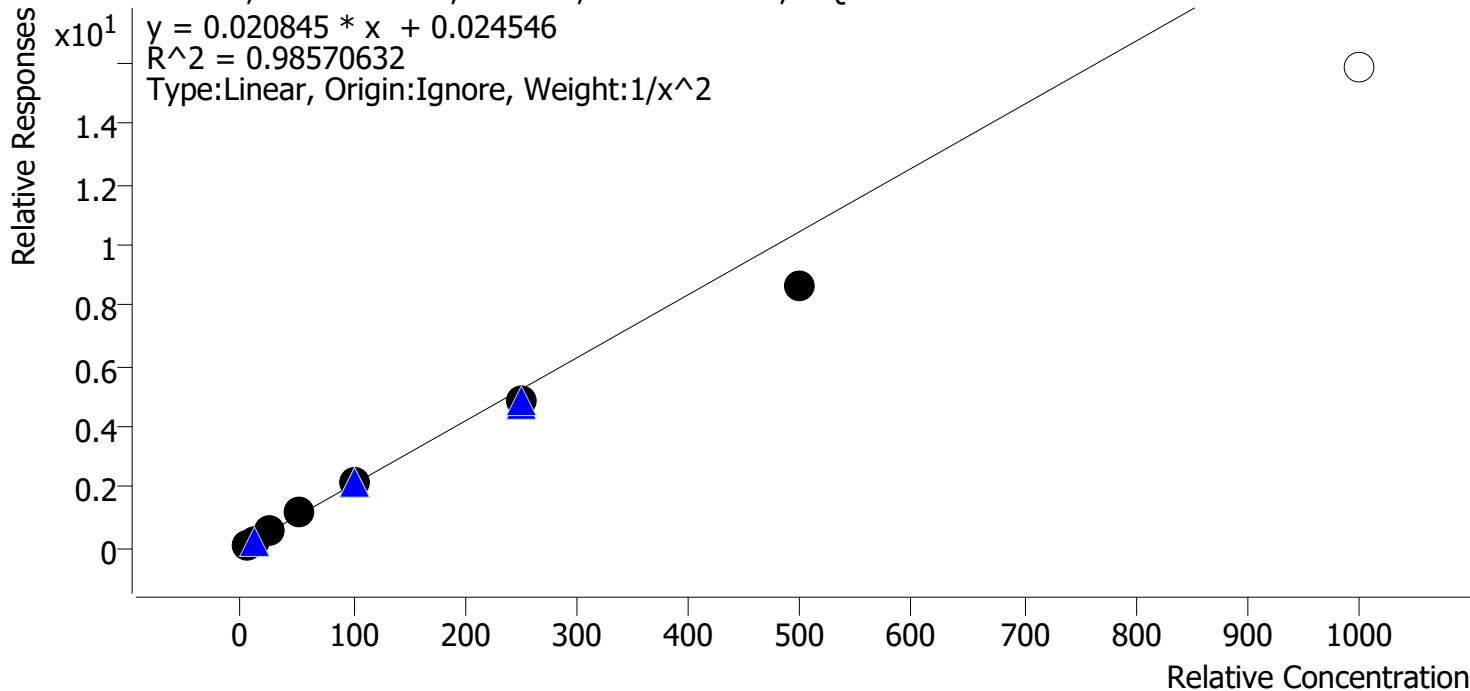
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.2
p1 Cal 2-10ng	2	✓	10.0	9.8	98.0
p1 Cal 3 -25ng	3	✓	25.0	23.6	94.5
p1 Cal 4-50ng	4	✓	50.0	49.1	98.2
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	248.7	99.5
p1 Cal 7-500ng	7	✓	500.0	506.9	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1048.1	104.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Codeine **Internal Standard** Codeine-D6

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



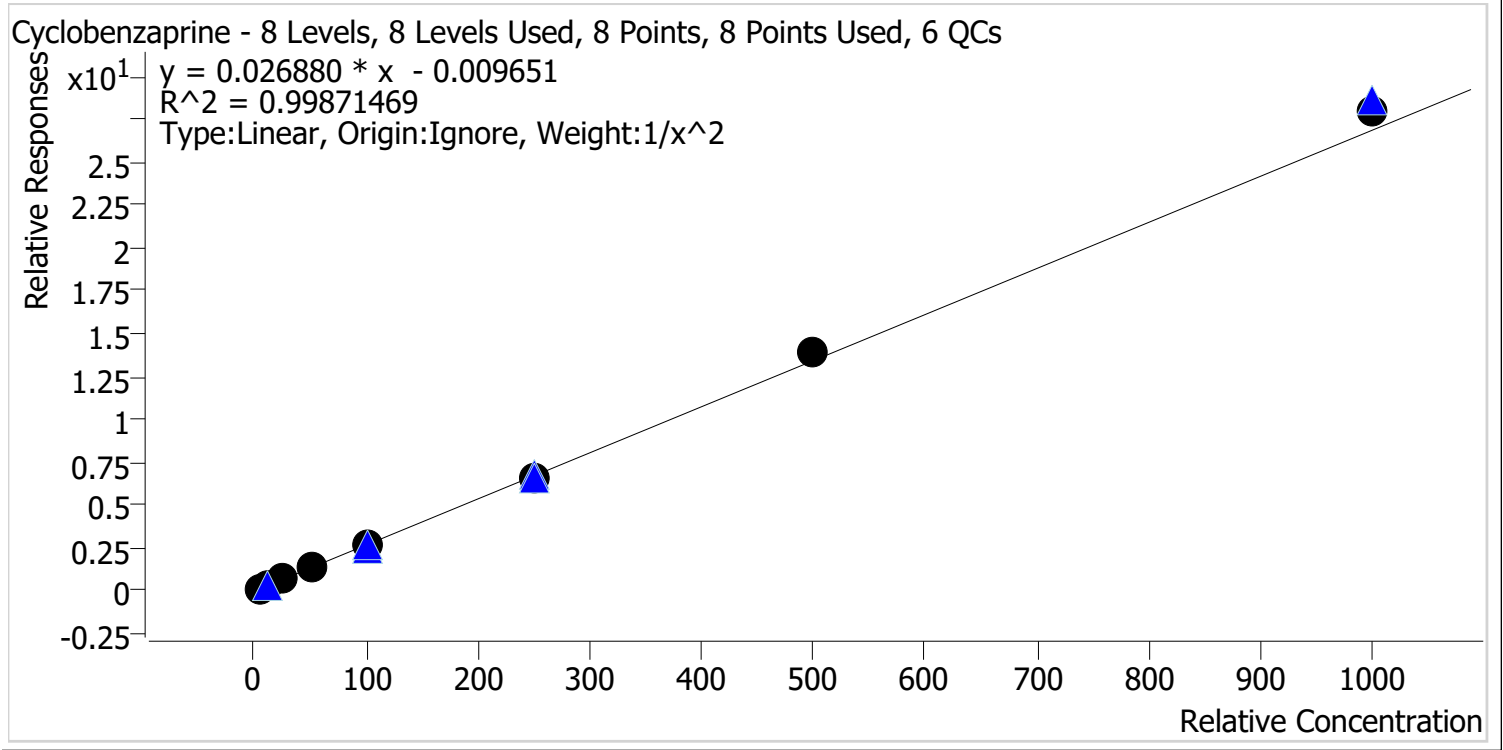
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.3
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	27.9	111.6
p1 Cal 4-50ng	4	✓	50.0	54.5	108.9
p1 Cal 5-100ng	5	✓	100.0	105.7	105.7
p1 Cal 6-250ng	6	✓	250.0	230.9	92.3
p1 Cal 7-500ng	7	✓	500.0	415.5	83.1
p1 Cal 8-1000ng	8	✗	1000.0	756.8	75.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Cyclobenzaprine **Internal Standard** Cyclobenzaprine-D3



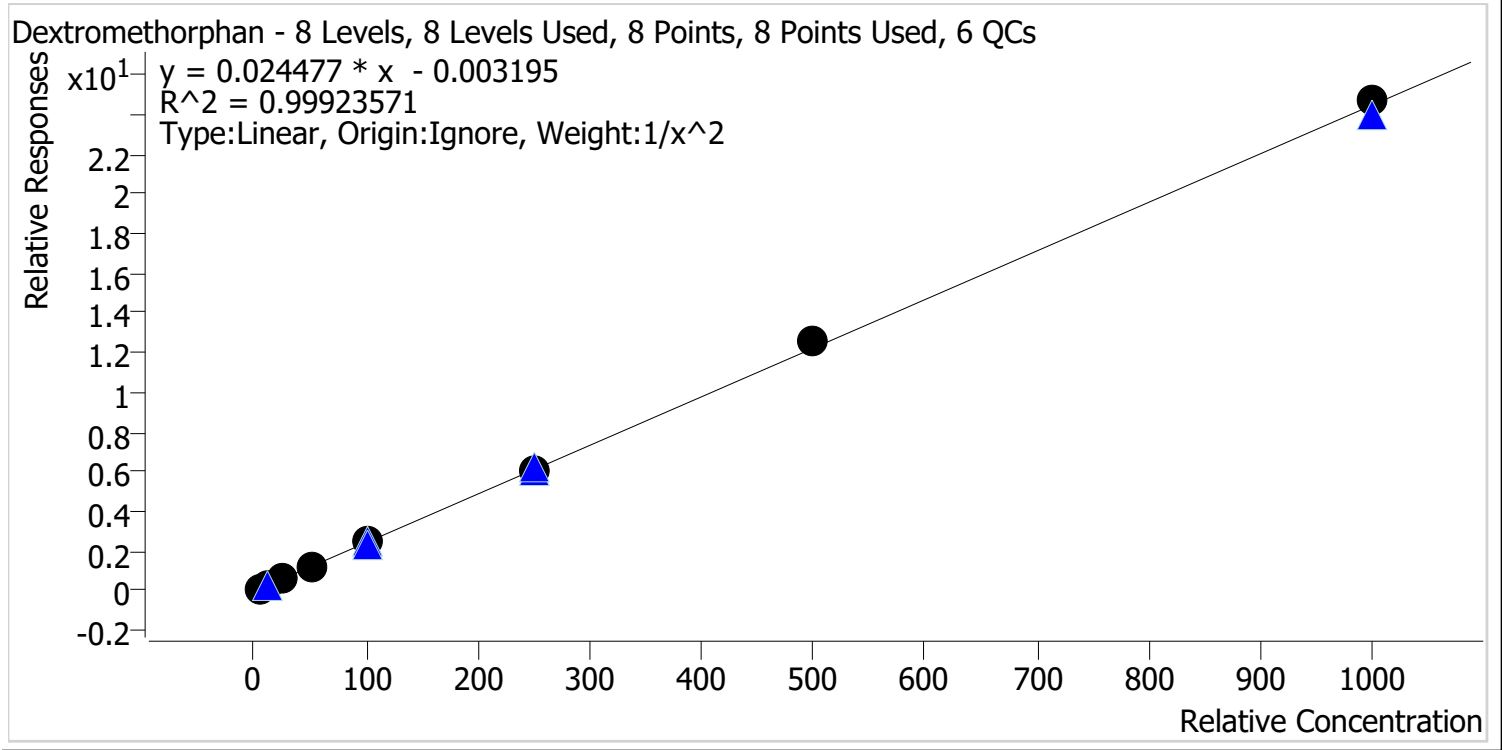
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	103.0
p1 Cal 2-10ng	2	✓	10.0	9.5	95.4
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.2
p1 Cal 4-50ng	4	✓	50.0	49.7	99.4
p1 Cal 5-100ng	5	✓	100.0	98.9	98.9
p1 Cal 6-250ng	6	✓	250.0	247.4	98.9
p1 Cal 7-500ng	7	✓	500.0	516.4	103.3
p1 Cal 8-1000ng	8	✓	1000.0	1040.1	104.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Dextromethorphan **Internal Standard** Dextromethorphan-D3

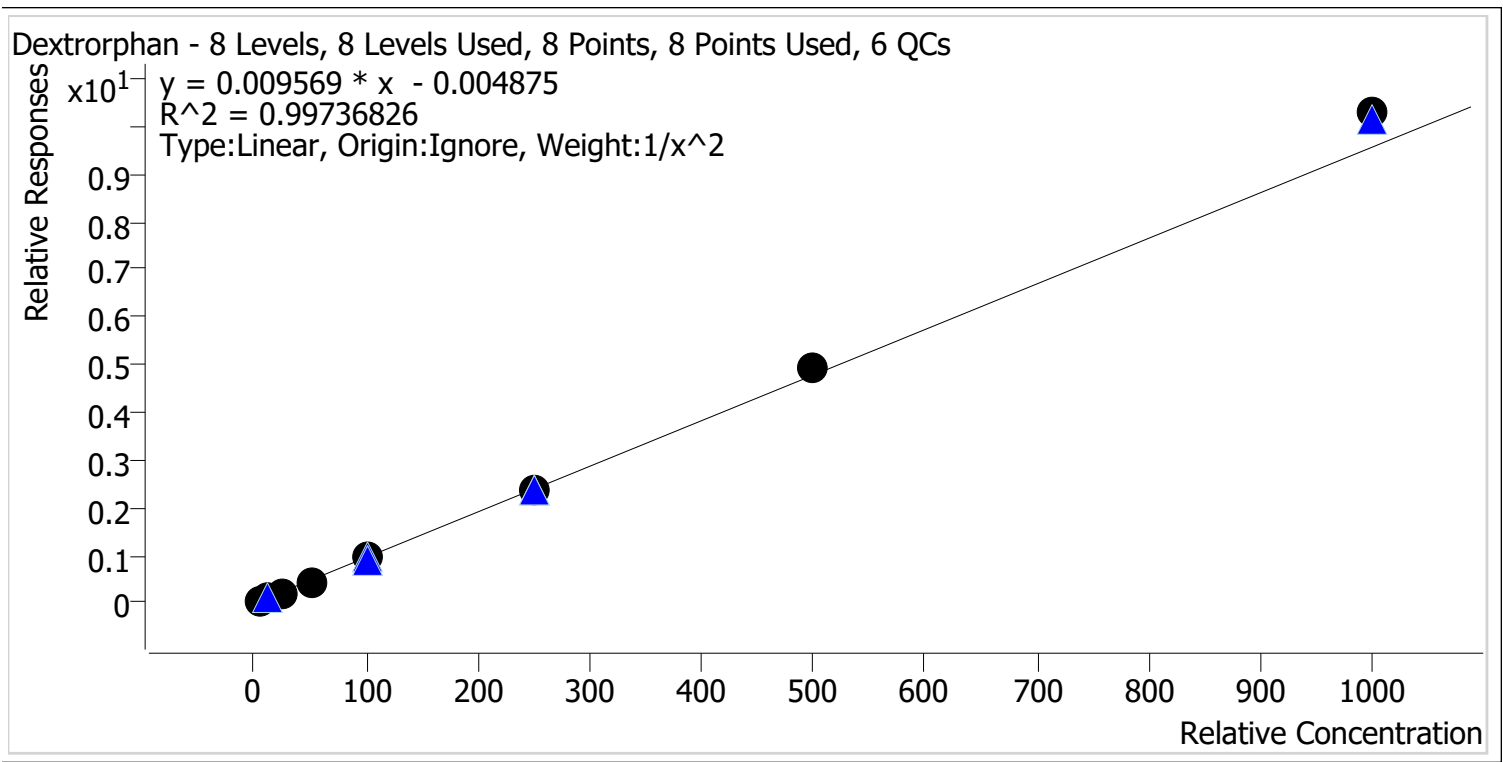


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.6	95.9
p1 Cal 3 -25ng	3	✓	25.0	24.6	98.2
p1 Cal 4-50ng	4	✓	50.0	49.3	98.5
p1 Cal 5-100ng	5	✓	100.0	101.8	101.8
p1 Cal 6-250ng	6	✓	250.0	248.4	99.4
p1 Cal 7-500ng	7	✓	500.0	513.9	102.8
p1 Cal 8-1000ng	8	✓	1000.0	1009.4	100.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Dextrophan **Internal Standard** Dextrophan-D3

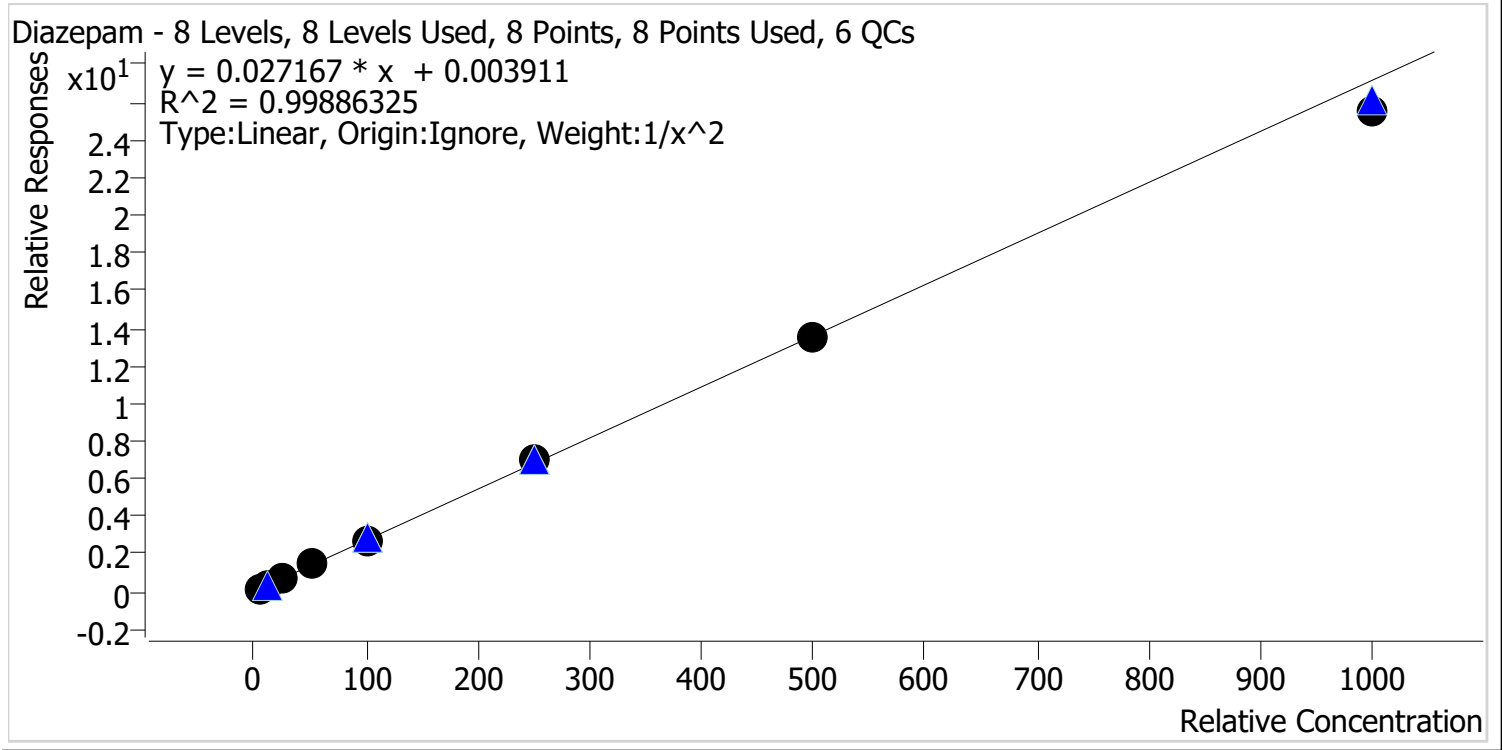


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.4	93.5
p1 Cal 4-50ng	4	✓	50.0	48.3	96.5
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	249.7	99.9
p1 Cal 7-500ng	7	✓	500.0	514.3	102.9
p1 Cal 8-1000ng	8	✓	1000.0	1075.8	107.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Diazepam **Internal Standard** Diazepam-D5



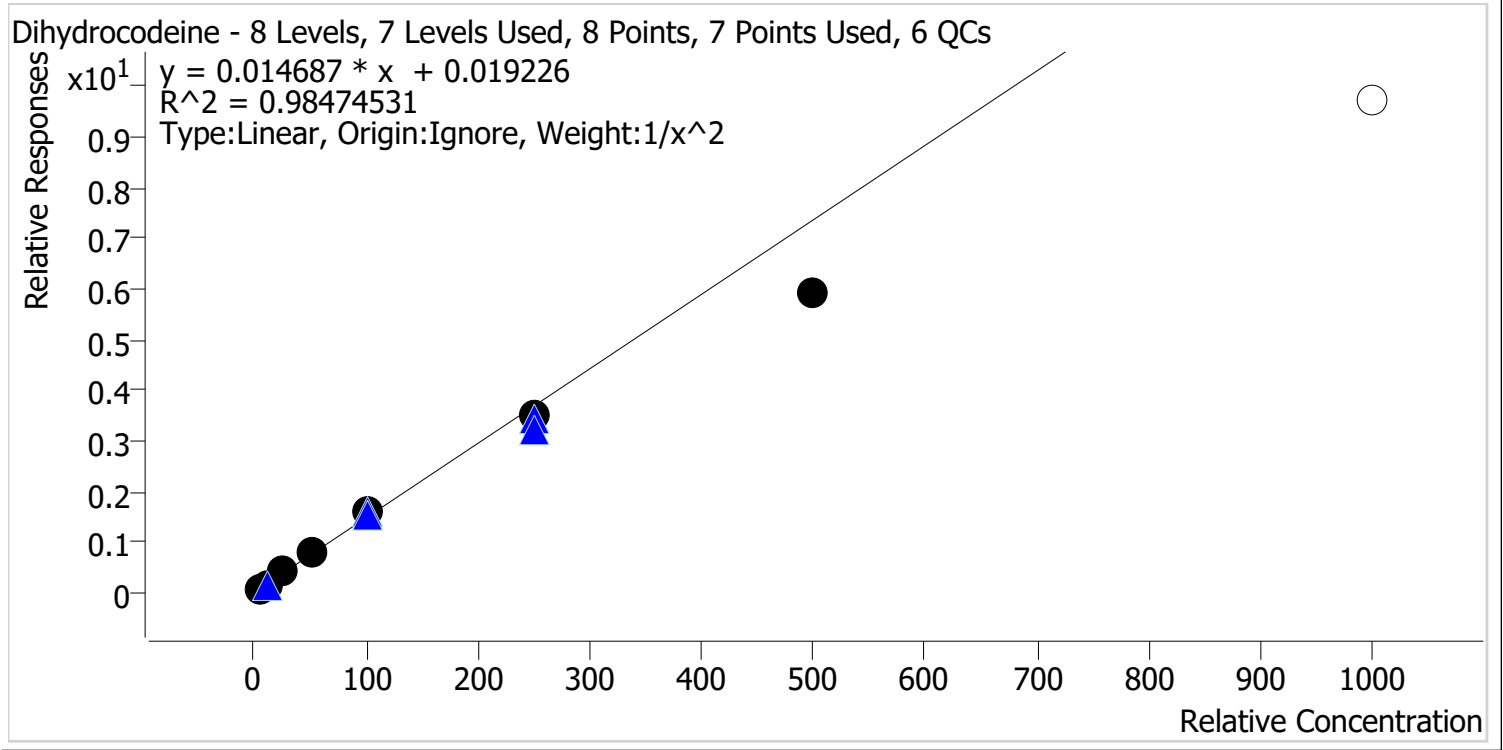
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	9.9	98.8
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.4
p1 Cal 4-50ng	4	✓	50.0	51.9	103.7
p1 Cal 5-100ng	5	✓	100.0	101.1	101.1
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	500.5	100.1
p1 Cal 8-1000ng	8	✓	1000.0	939.8	94.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Dihydrocodeine **Internal Standard** Dihydrocodeine-D6



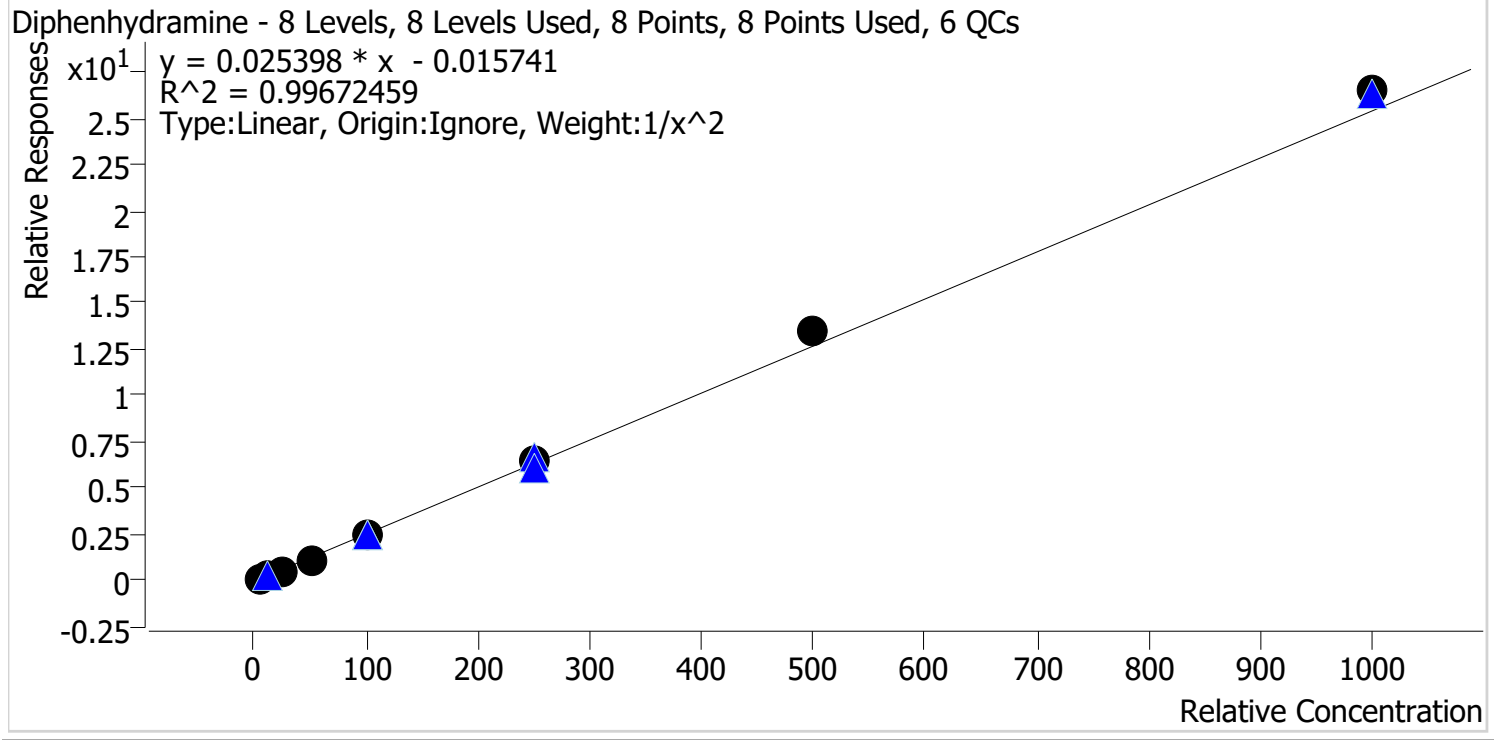
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.3
p1 Cal 2-10ng	2	✓	10.0	10.6	106.0
p1 Cal 3 -25ng	3	✓	25.0	27.3	109.2
p1 Cal 4-50ng	4	✓	50.0	54.4	108.7
p1 Cal 5-100ng	5	✓	100.0	106.4	106.4
p1 Cal 6-250ng	6	✓	250.0	236.5	94.6
p1 Cal 7-500ng	7	✓	500.0	404.3	80.9
p1 Cal 8-1000ng	8	✗	1000.0	660.2	66.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Diphenhydramine **Internal Standard** Diphenhydramine-D3



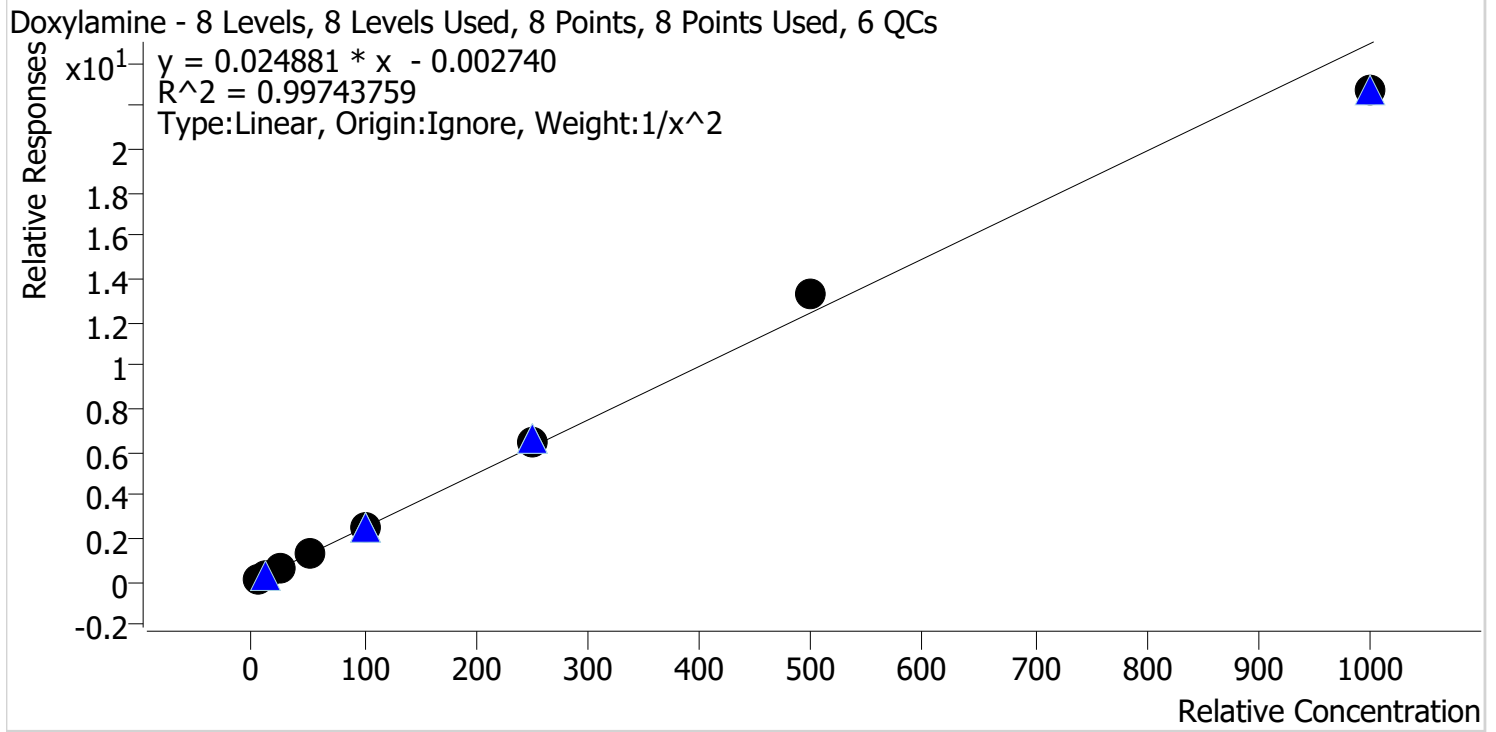
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.1
p1 Cal 2-10ng	2	✓	10.0	9.7	97.4
p1 Cal 3 -25ng	3	✓	25.0	23.5	93.8
p1 Cal 4-50ng	4	✓	50.0	46.3	92.6
p1 Cal 5-100ng	5	✓	100.0	100.3	100.3
p1 Cal 6-250ng	6	✓	250.0	255.3	102.1
p1 Cal 7-500ng	7	✓	500.0	531.8	106.4
p1 Cal 8-1000ng	8	✓	1000.0	1043.2	104.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Doxylamine **Internal Standard** Doxylamine-D5



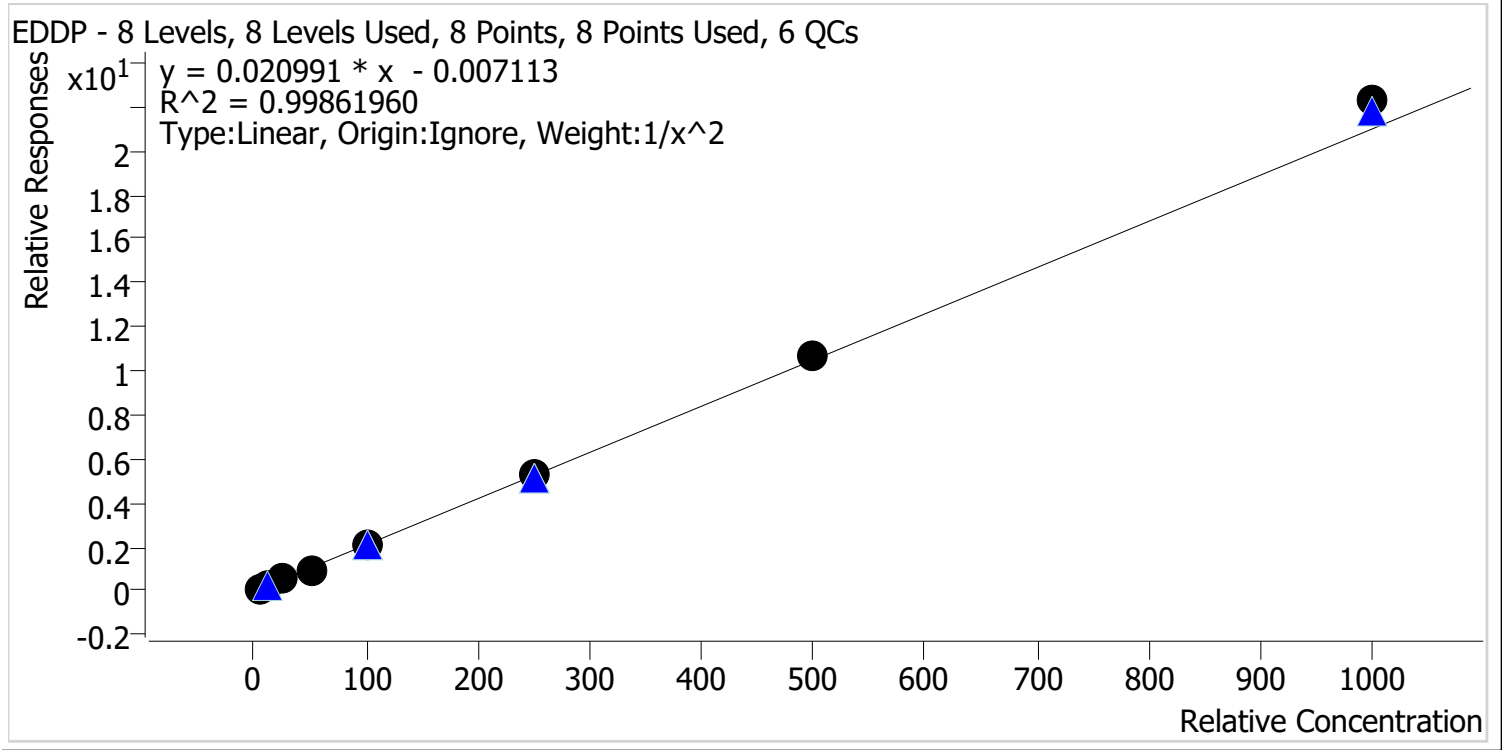
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.1
p1 Cal 2-10ng	2	✓	10.0	9.8	97.7
p1 Cal 3 -25ng	3	✓	25.0	24.9	99.6
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	100.6	100.6
p1 Cal 6-250ng	6	✓	250.0	257.6	103.1
p1 Cal 7-500ng	7	✓	500.0	532.7	106.5
p1 Cal 8-1000ng	8	✓	1000.0	912.5	91.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte EDDP **Internal Standard** EDDP-D3



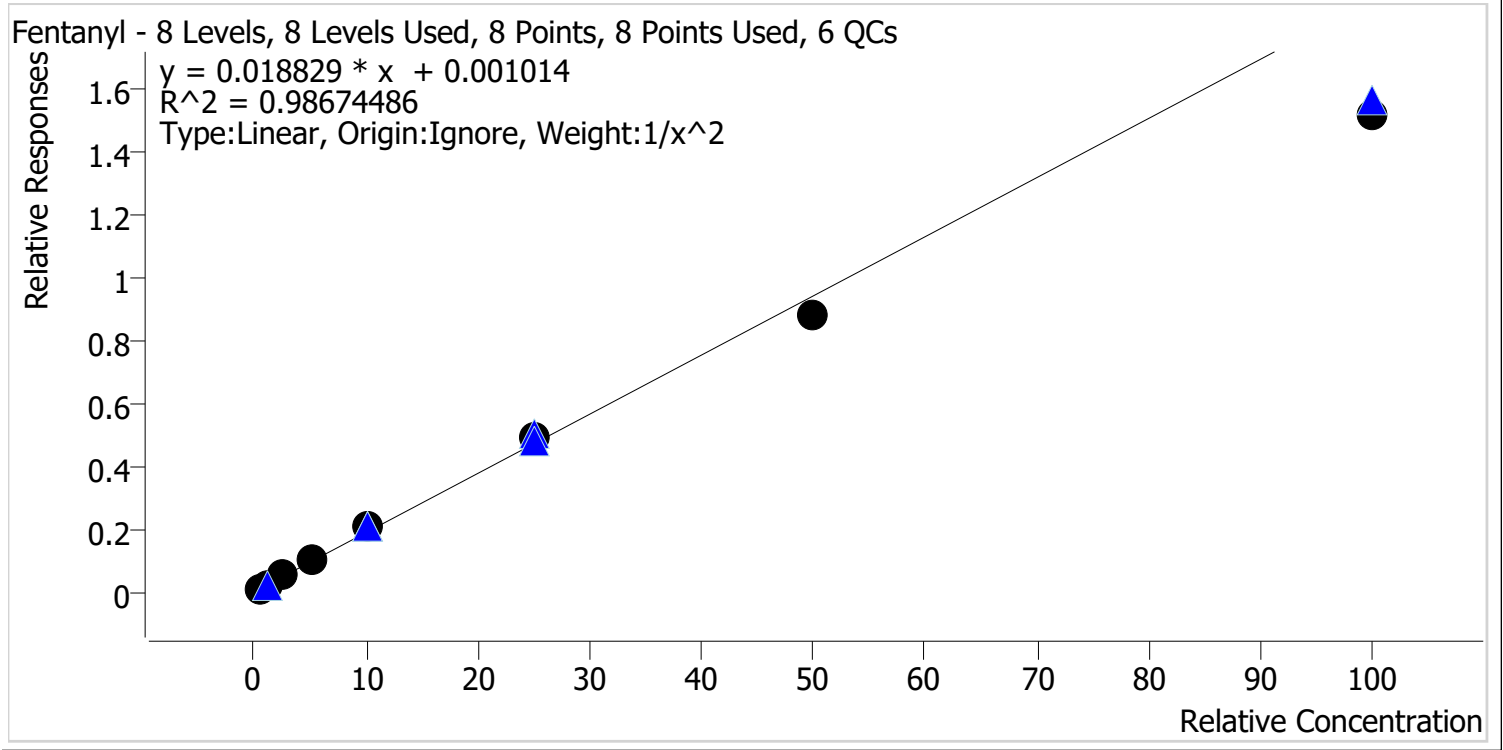
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	101.2
p1 Cal 2-10ng	2	✓	10.0	9.9	99.4
p1 Cal 3 -25ng	3	✓	25.0	24.5	98.0
p1 Cal 4-50ng	4	✓	50.0	47.4	94.8
p1 Cal 5-100ng	5	✓	100.0	99.5	99.5
p1 Cal 6-250ng	6	✓	250.0	248.9	99.5
p1 Cal 7-500ng	7	✓	500.0	507.0	101.4
p1 Cal 8-1000ng	8	✓	1000.0	1061.4	106.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Fentanyl **Internal Standard** Fentanyl-D5



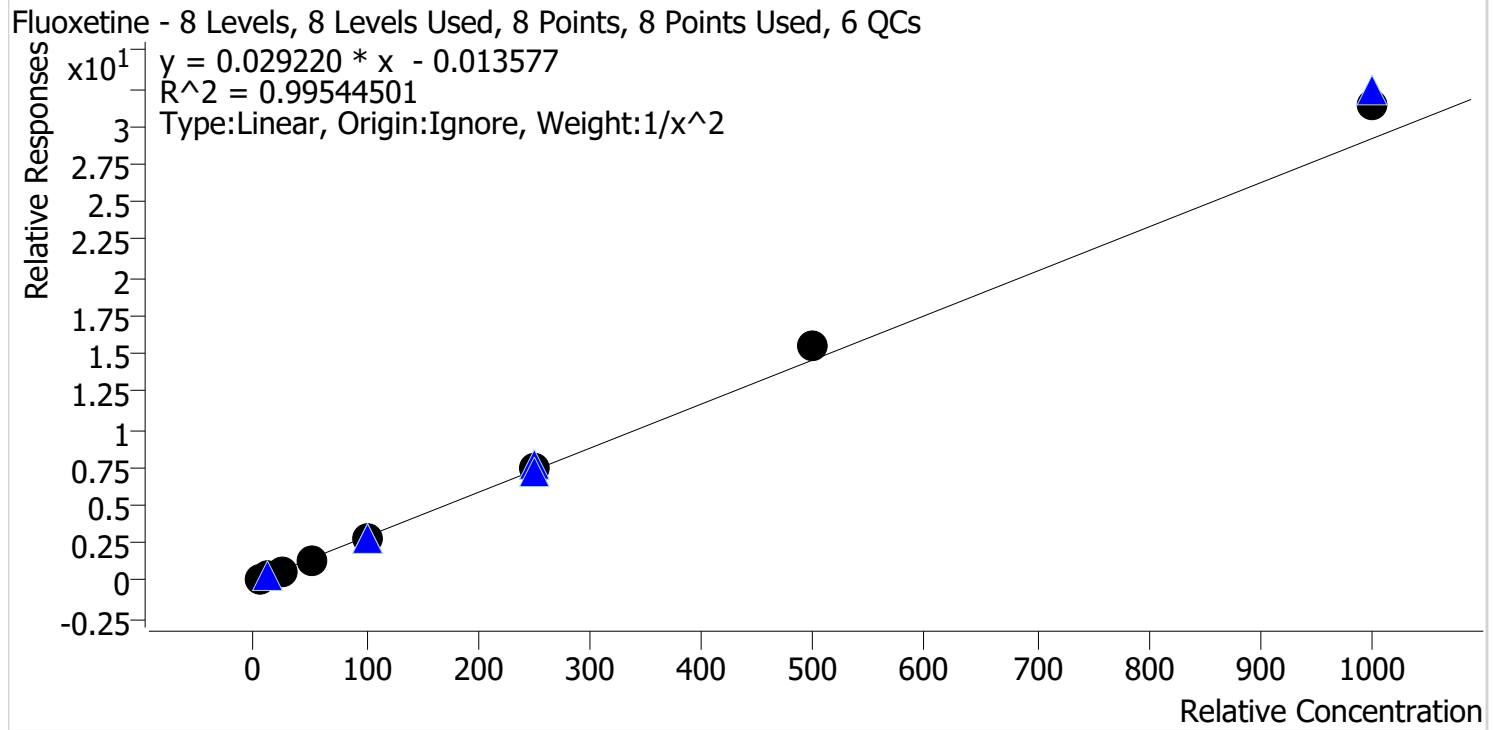
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	98.4
p1 Cal 2-10ng	2	✓	1.0	1.0	97.1
p1 Cal 3 -25ng	3	✓	2.5	2.7	108.8
p1 Cal 4-50ng	4	✓	5.0	5.5	110.0
p1 Cal 5-100ng	5	✓	10.0	10.9	108.9
p1 Cal 6-250ng	6	✓	25.0	25.8	103.3
p1 Cal 7-500ng	7	✓	50.0	46.6	93.2
p1 Cal 8-1000ng	8	✓	100.0	80.4	80.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Fluoxetine **Internal Standard** Fluoxetine-D6



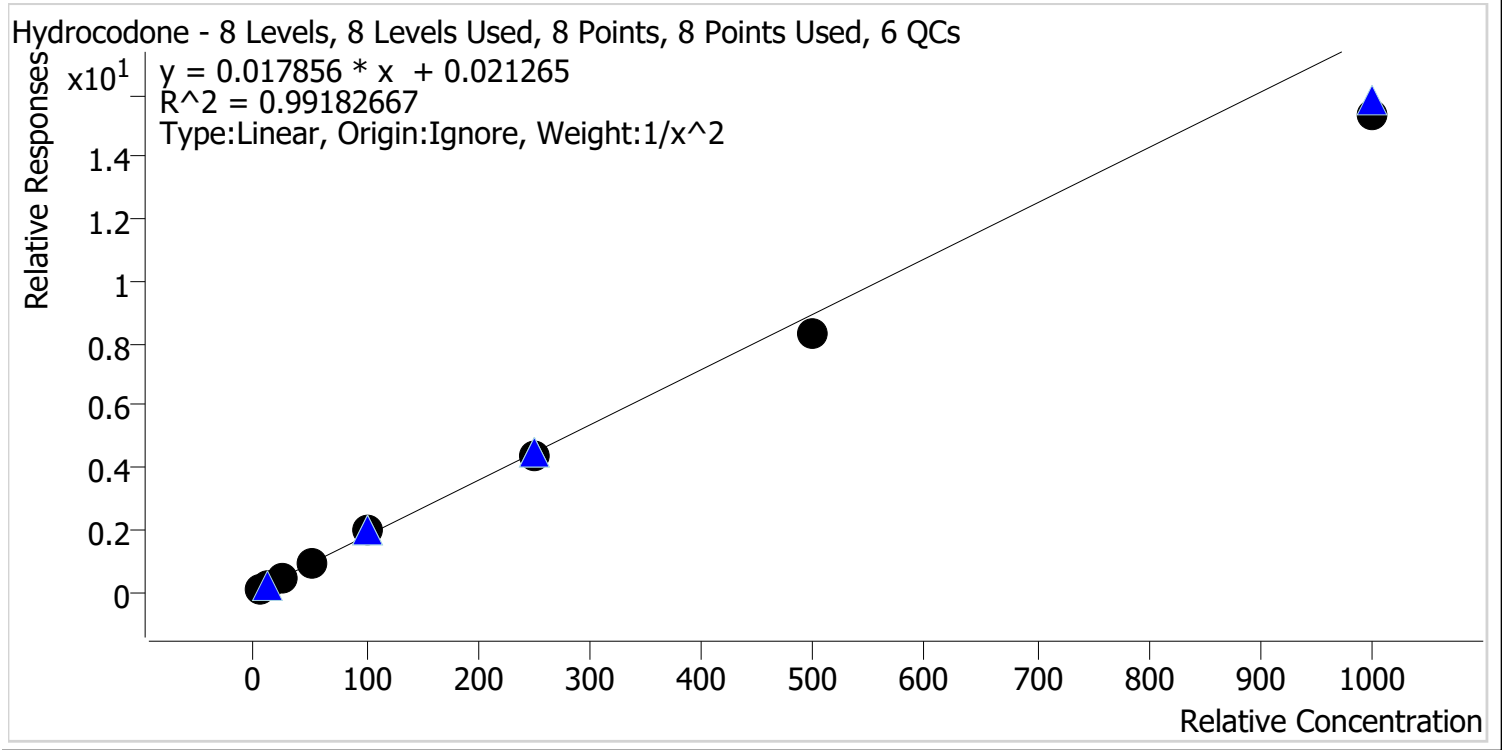
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.6
p1 Cal 2-10ng	2	✓	10.0	10.0	99.5
p1 Cal 3 -25ng	3	✓	25.0	23.0	92.0
p1 Cal 4-50ng	4	✓	50.0	46.5	93.1
p1 Cal 5-100ng	5	✓	100.0	96.1	96.1
p1 Cal 6-250ng	6	✓	250.0	257.4	103.0
p1 Cal 7-500ng	7	✓	500.0	531.2	106.2
p1 Cal 8-1000ng	8	✓	1000.0	1076.4	107.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Hydrocodone **Internal Standard** Hydrocodone-D6



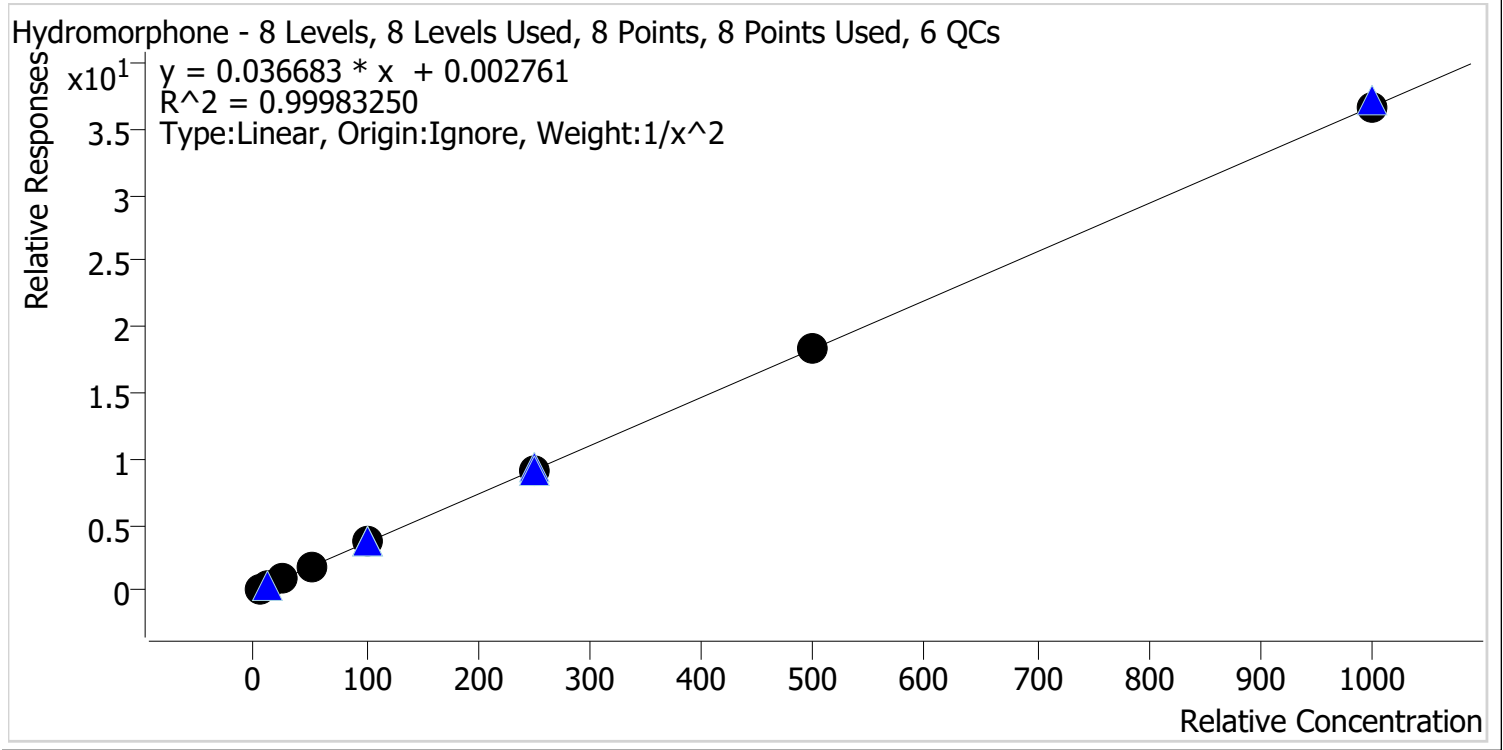
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.3
p1 Cal 2-10ng	2	✓	10.0	10.2	102.2
p1 Cal 3 -25ng	3	✓	25.0	27.0	108.0
p1 Cal 4-50ng	4	✓	50.0	53.8	107.5
p1 Cal 5-100ng	5	✓	100.0	107.8	107.8
p1 Cal 6-250ng	6	✓	250.0	246.3	98.5
p1 Cal 7-500ng	7	✓	500.0	468.2	93.6
p1 Cal 8-1000ng	8	✓	1000.0	860.9	86.1

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Hydromorphone **Internal Standard** Hydromorphone-D6



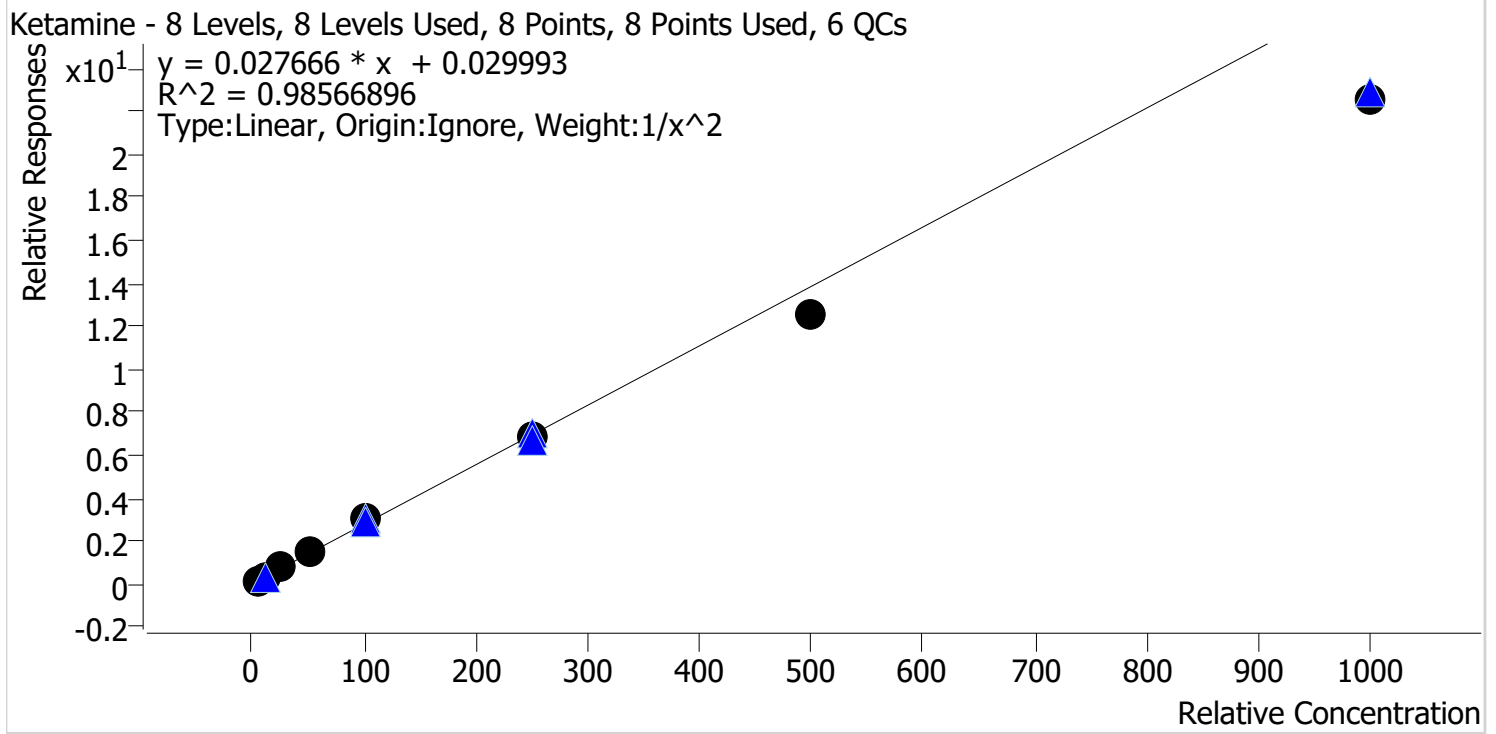
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.9
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.4	101.5
p1 Cal 4-50ng	4	✓	50.0	49.4	98.7
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	246.1	98.4
p1 Cal 7-500ng	7	✓	500.0	502.3	100.5
p1 Cal 8-1000ng	8	✓	1000.0	998.1	99.8

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Ketamine **Internal Standard** Ketamine-D4



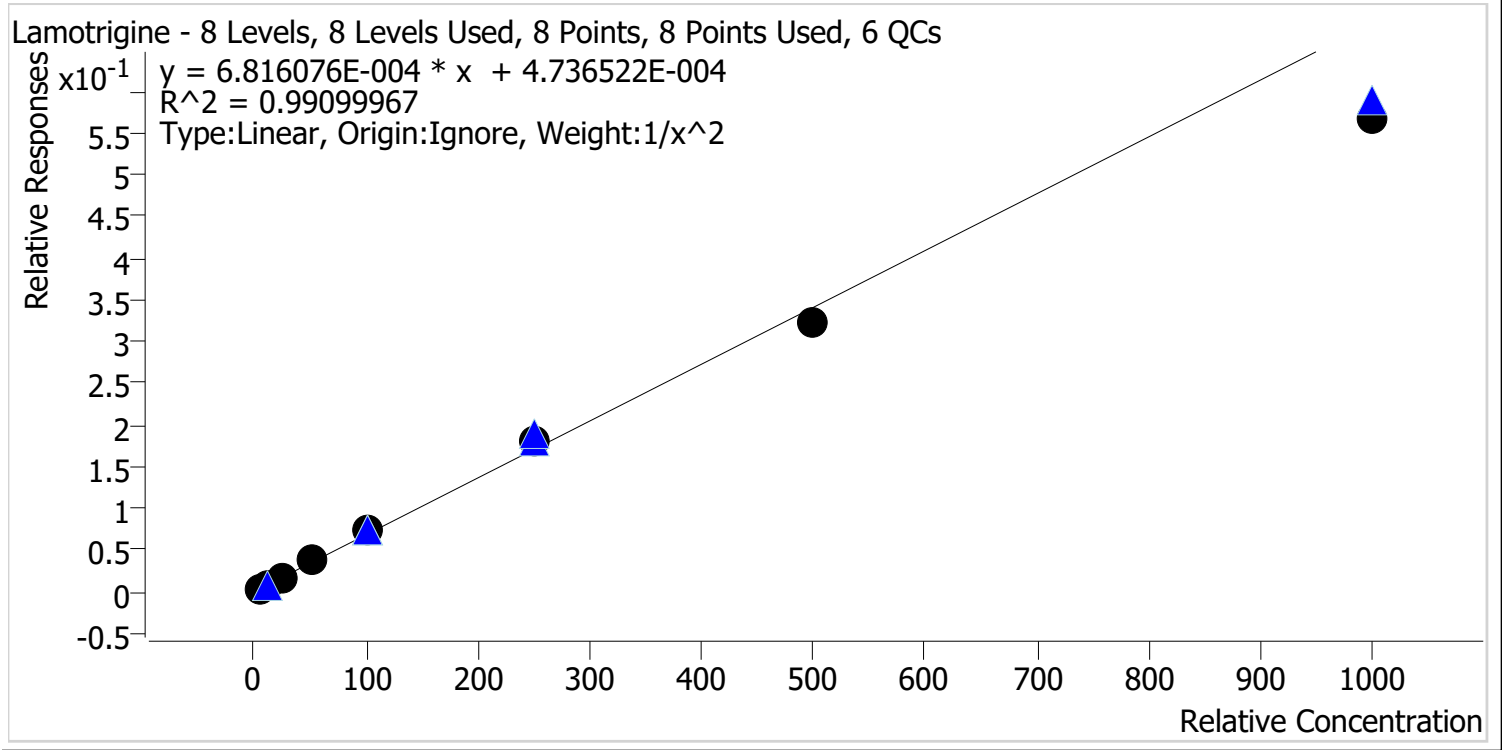
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.7	94.7
p1 Cal 2-10ng	2	✓	10.0	10.4	104.1
p1 Cal 3 -25ng	3	✓	25.0	27.7	110.6
p1 Cal 4-50ng	4	✓	50.0	54.3	108.5
p1 Cal 5-100ng	5	✓	100.0	110.5	110.5
p1 Cal 6-250ng	6	✓	250.0	248.6	99.5
p1 Cal 7-500ng	7	✓	500.0	452.3	90.5
p1 Cal 8-1000ng	8	✓	1000.0	817.1	81.7



cg

AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Lamotrigine **Internal Standard** Pseudoephedrine-D3



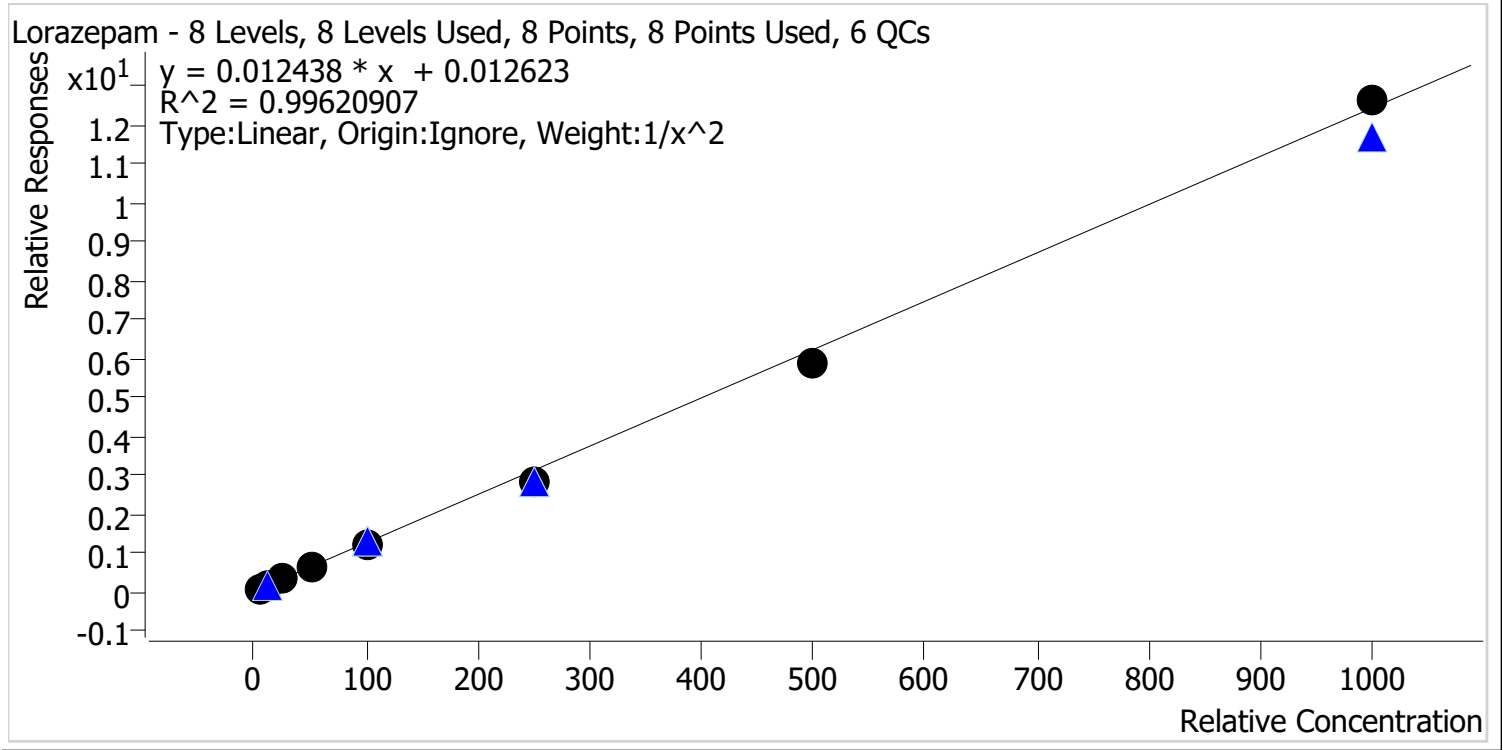
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	9.8	98.1
p1 Cal 3 -25ng	3	✓	25.0	26.5	106.1
p1 Cal 4-50ng	4	✓	50.0	53.2	106.5
p1 Cal 5-100ng	5	✓	100.0	105.5	105.5
p1 Cal 6-250ng	6	✓	250.0	267.8	107.1
p1 Cal 7-500ng	7	✓	500.0	474.5	94.9
p1 Cal 8-1000ng	8	✓	1000.0	830.3	83.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Lorazepam **Internal Standard** Oxazepam-D5



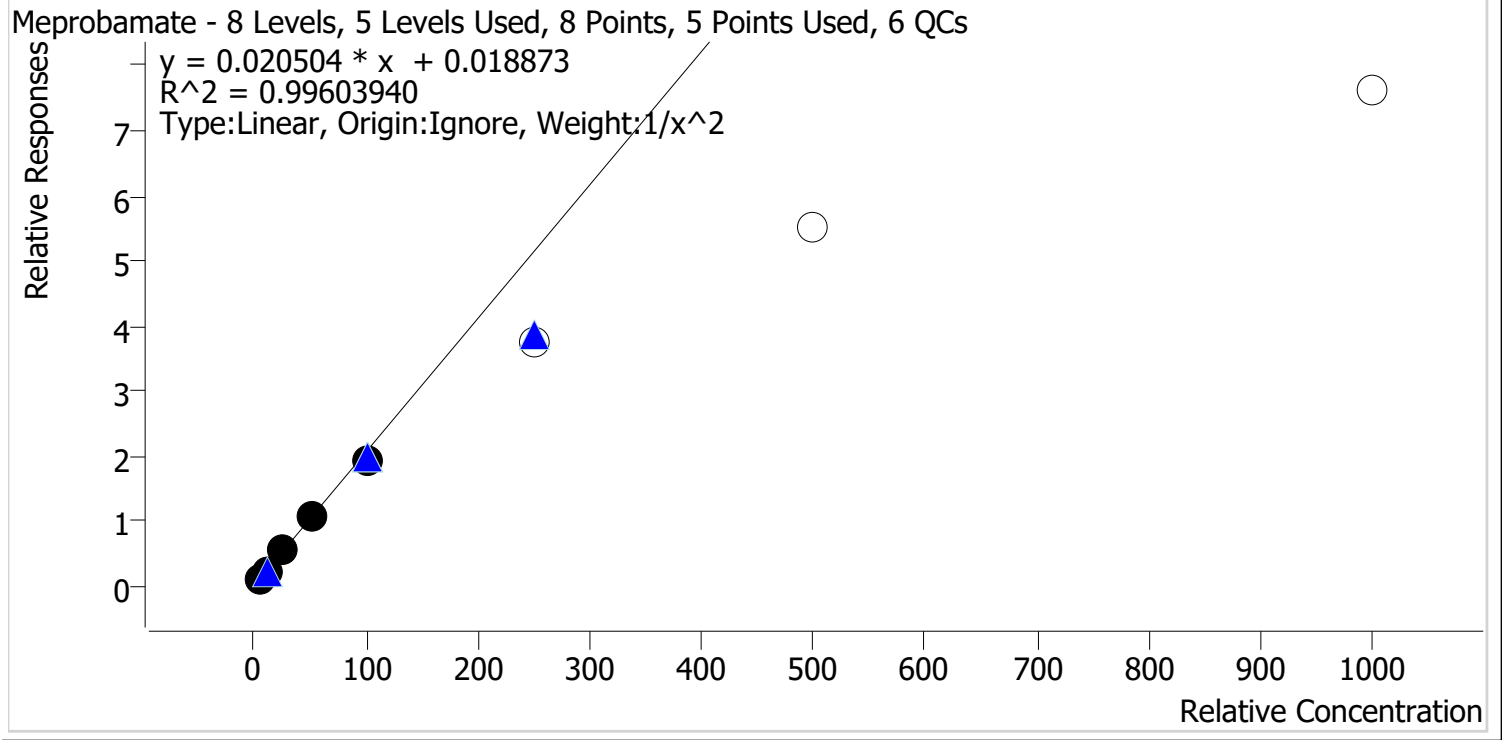
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.6
p1 Cal 2-10ng	2	✓	10.0	10.3	103.3
p1 Cal 3 -25ng	3	✓	25.0	26.7	107.0
p1 Cal 4-50ng	4	✓	50.0	52.8	105.7
p1 Cal 5-100ng	5	✓	100.0	99.2	99.2
p1 Cal 6-250ng	6	✓	250.0	229.6	91.9
p1 Cal 7-500ng	7	✓	500.0	473.8	94.8
p1 Cal 8-1000ng	8	✓	1000.0	1015.4	101.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Meprobamate **Internal Standard** Meprobamate-D7



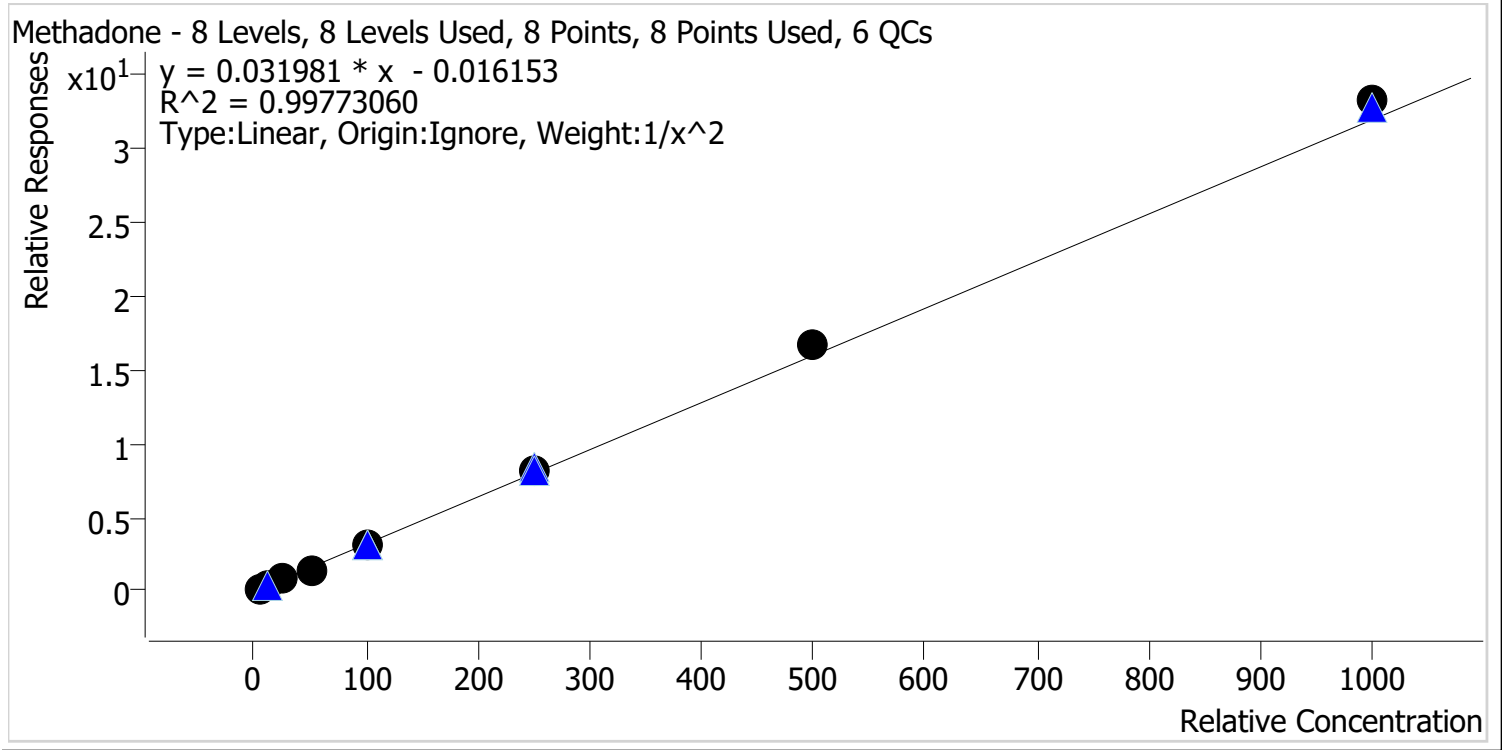
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.4
p1 Cal 2-10ng	2	✓	10.0	10.4	103.8
p1 Cal 3 -25ng	3	✓	25.0	26.2	104.6
p1 Cal 4-50ng	4	✓	50.0	50.6	101.2
p1 Cal 5-100ng	5	✓	100.0	92.9	92.9
p1 Cal 6-250ng	6	x	250.0	182.0	72.8
p1 Cal 7-500ng	7	x	500.0	269.5	53.9
p1 Cal 8-1000ng	8	x	1000.0	370.6	37.1

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Methadone **Internal Standard** Methadone-D9

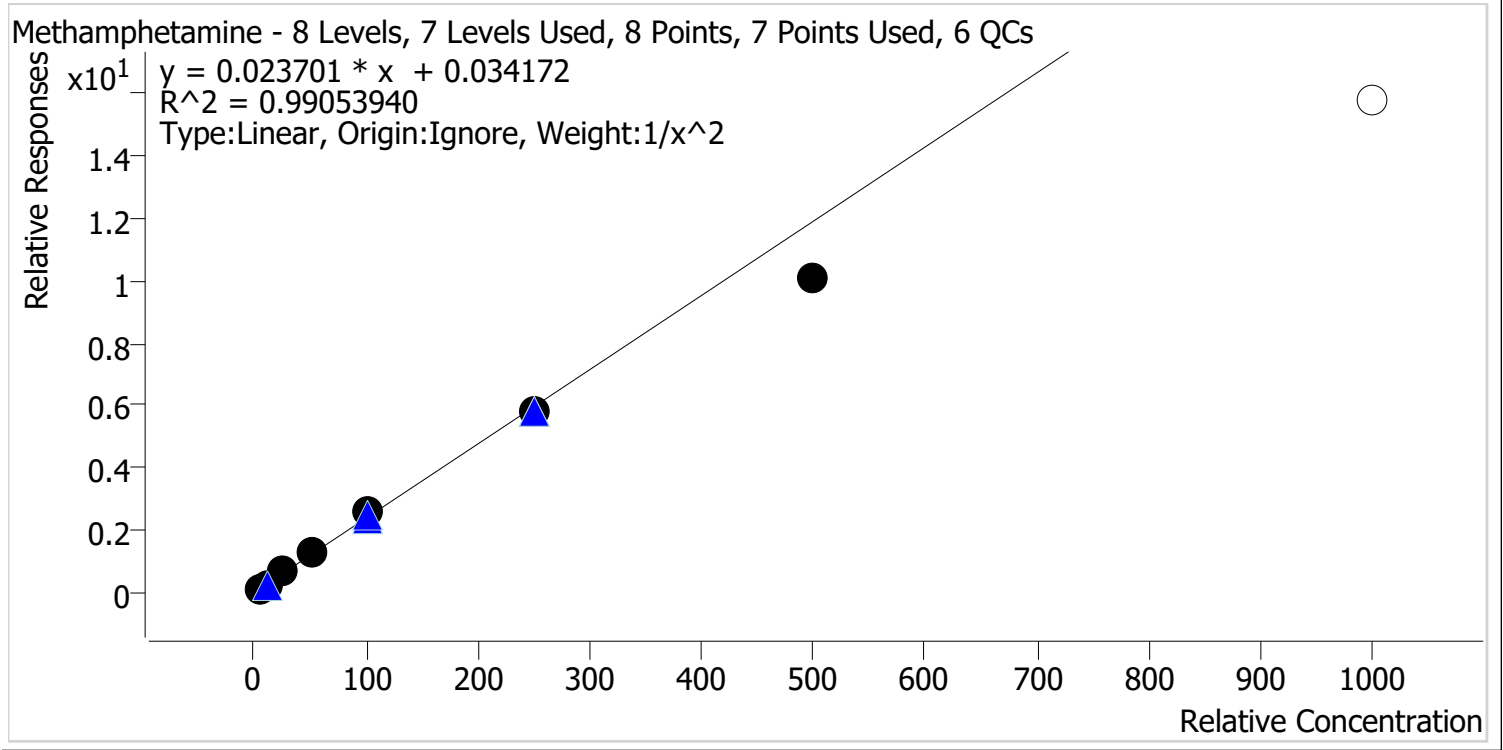


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.0
p1 Cal 2-10ng	2	✓	10.0	9.6	96.2
p1 Cal 3 -25ng	3	✓	25.0	24.3	97.3
p1 Cal 4-50ng	4	✓	50.0	46.5	93.0
p1 Cal 5-100ng	5	✓	100.0	100.0	100.0
p1 Cal 6-250ng	6	✓	250.0	254.8	101.9
p1 Cal 7-500ng	7	✓	500.0	522.2	104.4
p1 Cal 8-1000ng	8	✓	1000.0	1040.8	104.1



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Methamphetamine **Internal Standard** Methamphetamine-D11



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.0
p1 Cal 2-10ng	2	✓	10.0	10.4	103.9
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	52.8	105.5
p1 Cal 5-100ng	5	✓	100.0	106.7	106.7
p1 Cal 6-250ng	6	✓	250.0	242.0	96.8
p1 Cal 7-500ng	7	✓	500.0	421.5	84.3
p1 Cal 8-1000ng	8	✗	1000.0	662.6	66.3

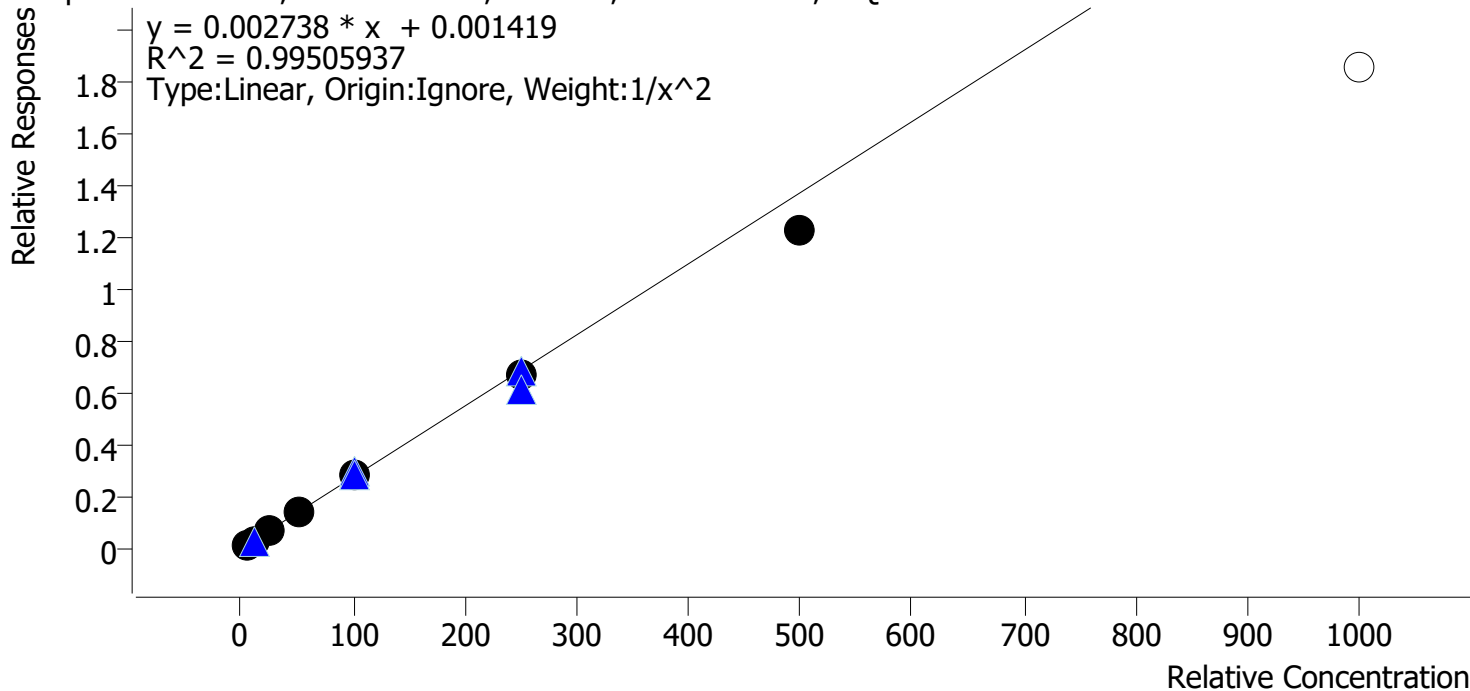
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Metoprolol **Internal Standard** Tramadol-13C-D3

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

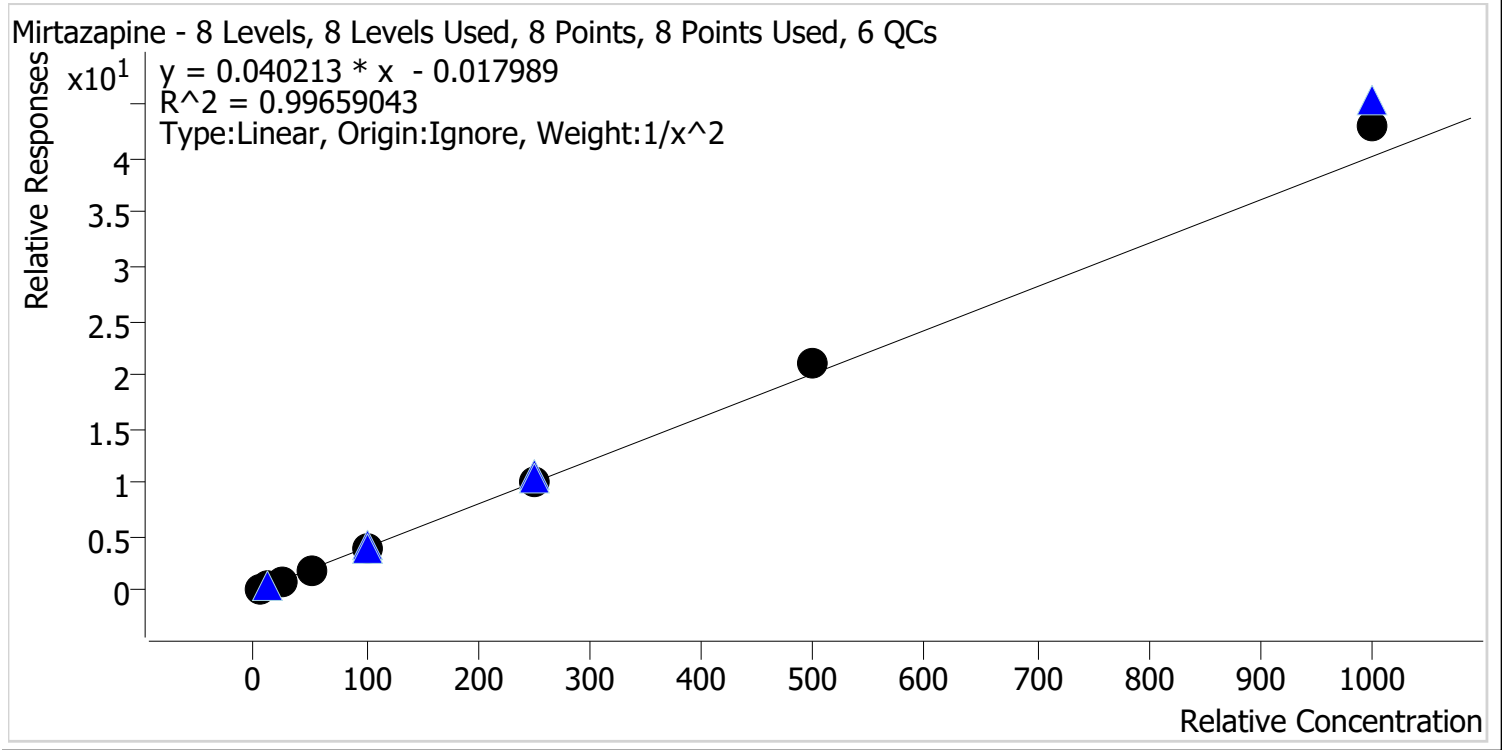


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.0
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.7
p1 Cal 4-50ng	4	✓	50.0	53.1	106.3
p1 Cal 5-100ng	5	✓	100.0	101.4	101.4
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	445.1	89.0
p1 Cal 8-1000ng	8	✗	1000.0	679.0	67.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Mirtazapine **Internal Standard** alpha-PVP-D8



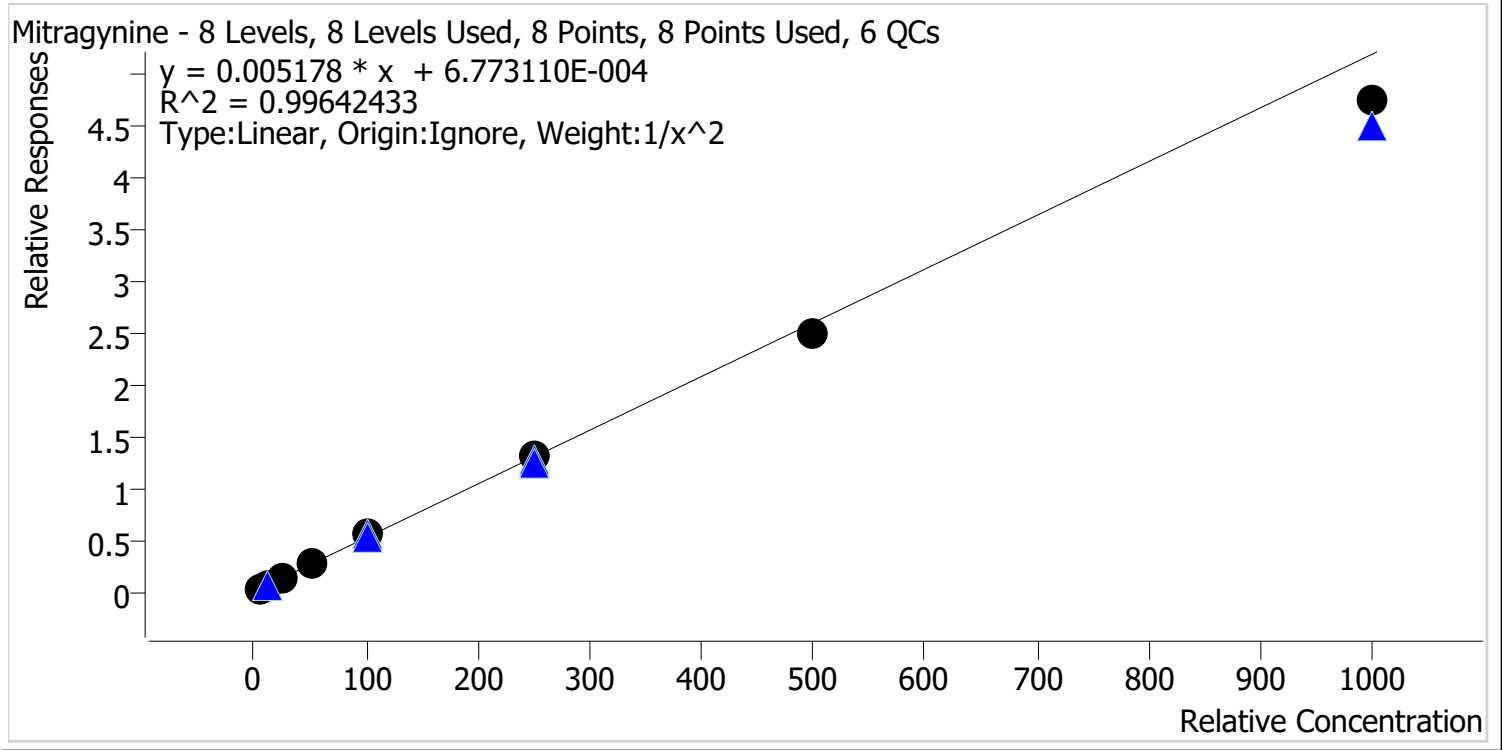
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	103.5
p1 Cal 2-10ng	2	✓	10.0	9.7	96.9
p1 Cal 3 -25ng	3	✓	25.0	23.2	92.9
p1 Cal 4-50ng	4	✓	50.0	47.1	94.2
p1 Cal 5-100ng	5	✓	100.0	99.4	99.4
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	526.7	105.3
p1 Cal 8-1000ng	8	✓	1000.0	1066.9	106.7

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Mitragynine **Internal Standard** Methadone-D9



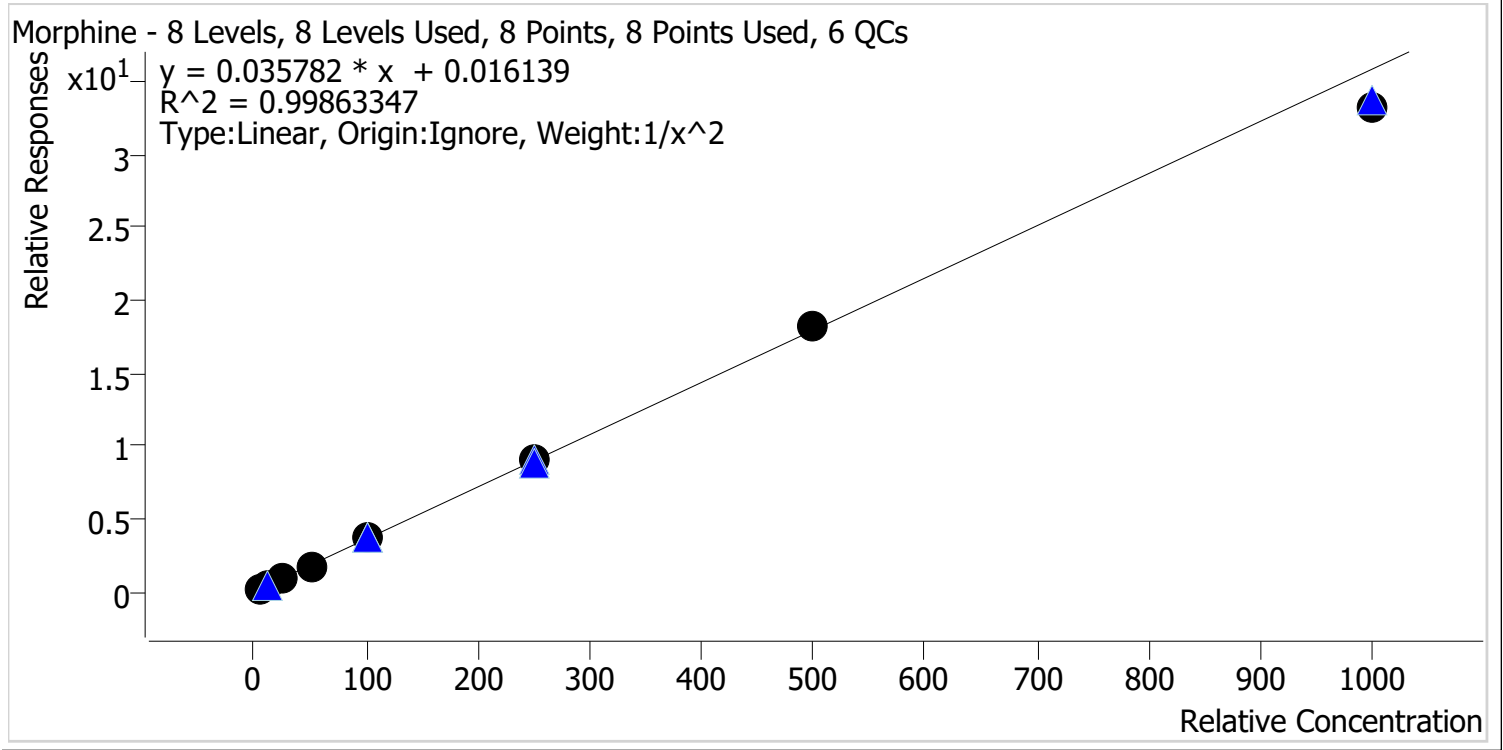
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	99.0
p1 Cal 2-10ng	2	✓	10.0	10.0	99.6
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	50.6	101.1
p1 Cal 5-100ng	5	✓	100.0	109.0	109.0
p1 Cal 6-250ng	6	✓	250.0	250.9	100.3
p1 Cal 7-500ng	7	✓	500.0	479.5	95.9
p1 Cal 8-1000ng	8	✓	1000.0	913.6	91.4

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Morphine **Internal Standard** Morphine-D6



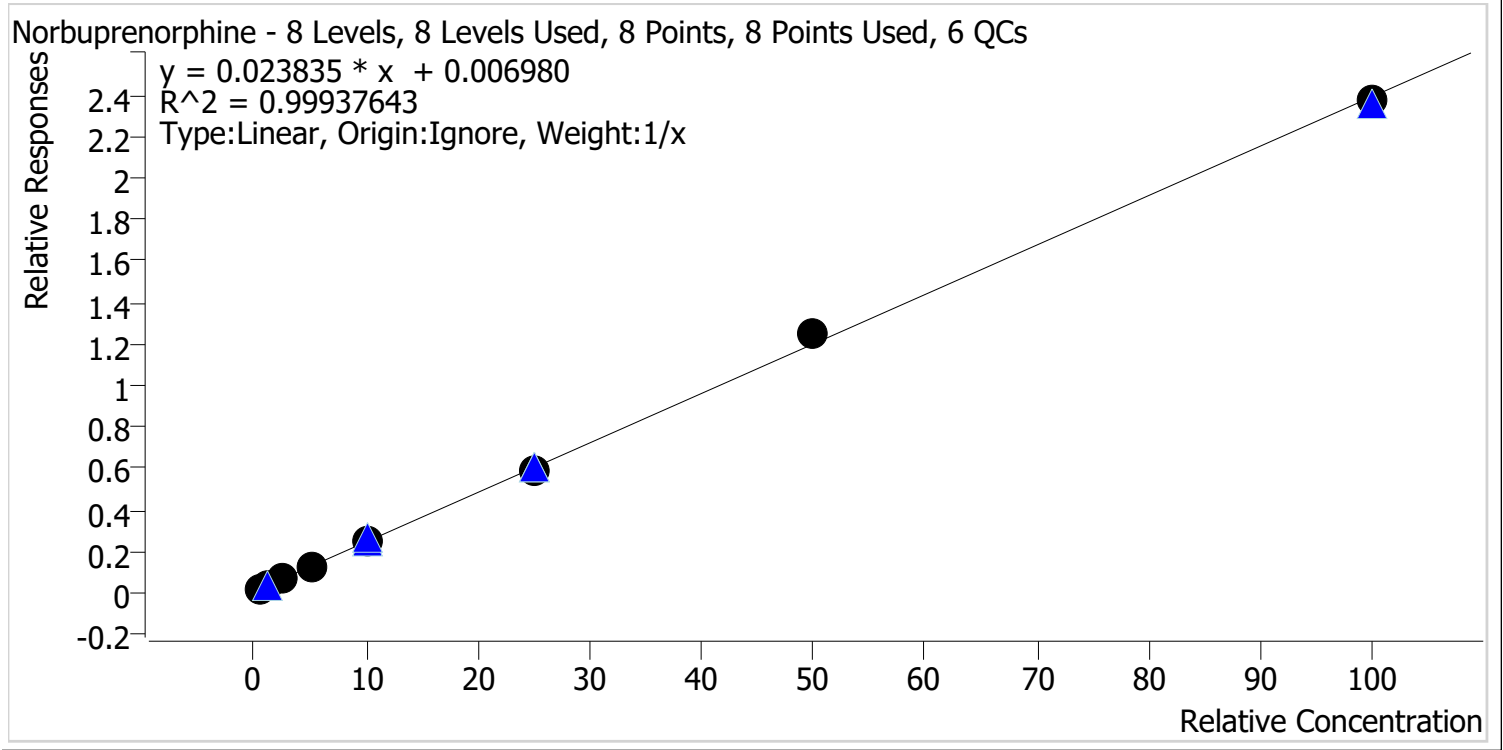
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.6
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.4
p1 Cal 4-50ng	4	✓	50.0	49.6	99.2
p1 Cal 5-100ng	5	✓	100.0	104.2	104.2
p1 Cal 6-250ng	6	✓	250.0	252.7	101.1
p1 Cal 7-500ng	7	✓	500.0	507.7	101.5
p1 Cal 8-1000ng	8	✓	1000.0	930.2	93.0

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Norbuprenorphine **Internal Standard** Norbuprenorphine-D3



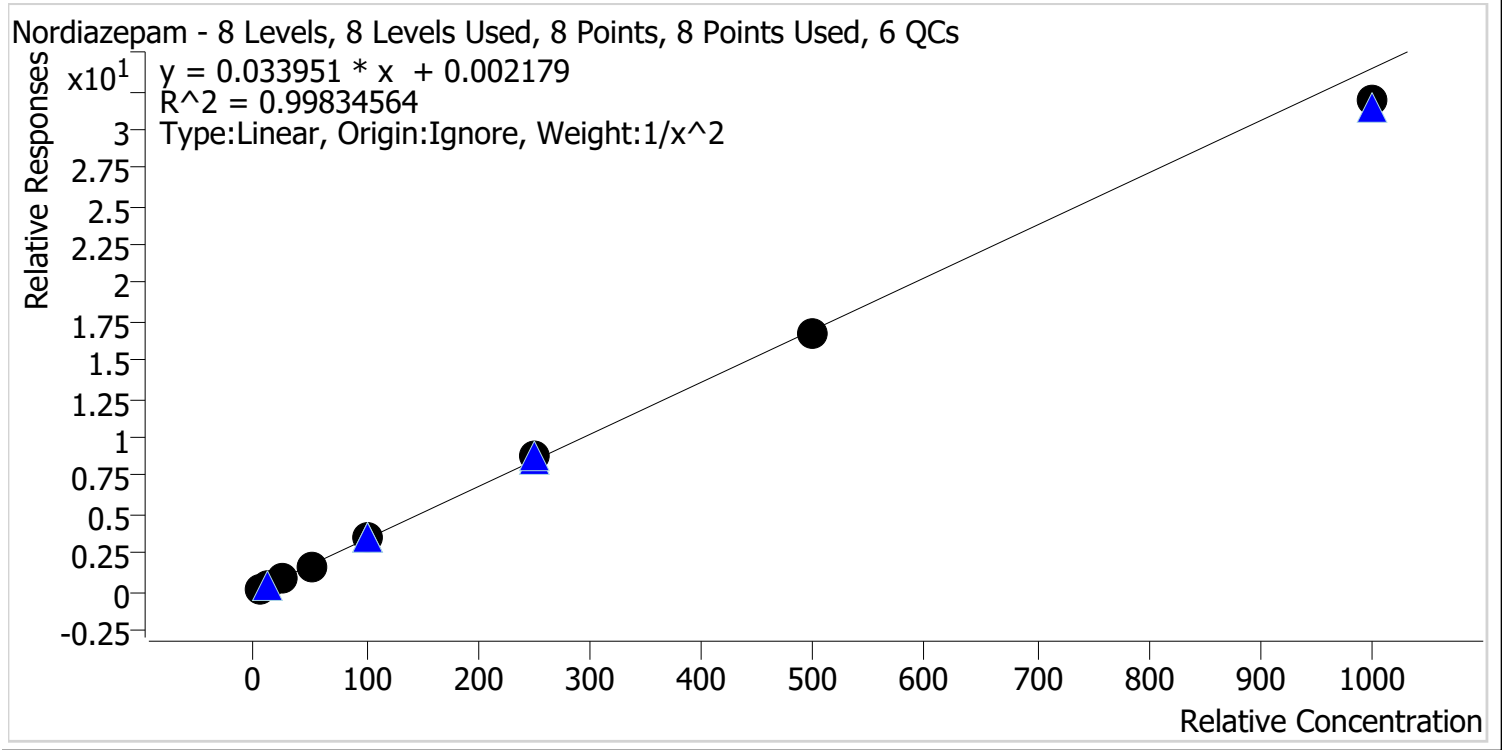
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	105.3
p1 Cal 2-10ng	2	✓	1.0	1.0	95.2
p1 Cal 3 -25ng	3	✓	2.5	2.6	102.0
p1 Cal 4-50ng	4	✓	5.0	4.9	98.1
p1 Cal 5-100ng	5	✓	10.0	10.0	100.3
p1 Cal 6-250ng	6	✓	25.0	24.1	96.3
p1 Cal 7-500ng	7	✓	50.0	51.8	103.5
p1 Cal 8-1000ng	8	✓	100.0	99.2	99.2

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Nordiazepam **Internal Standard** Nordiazepam-D5

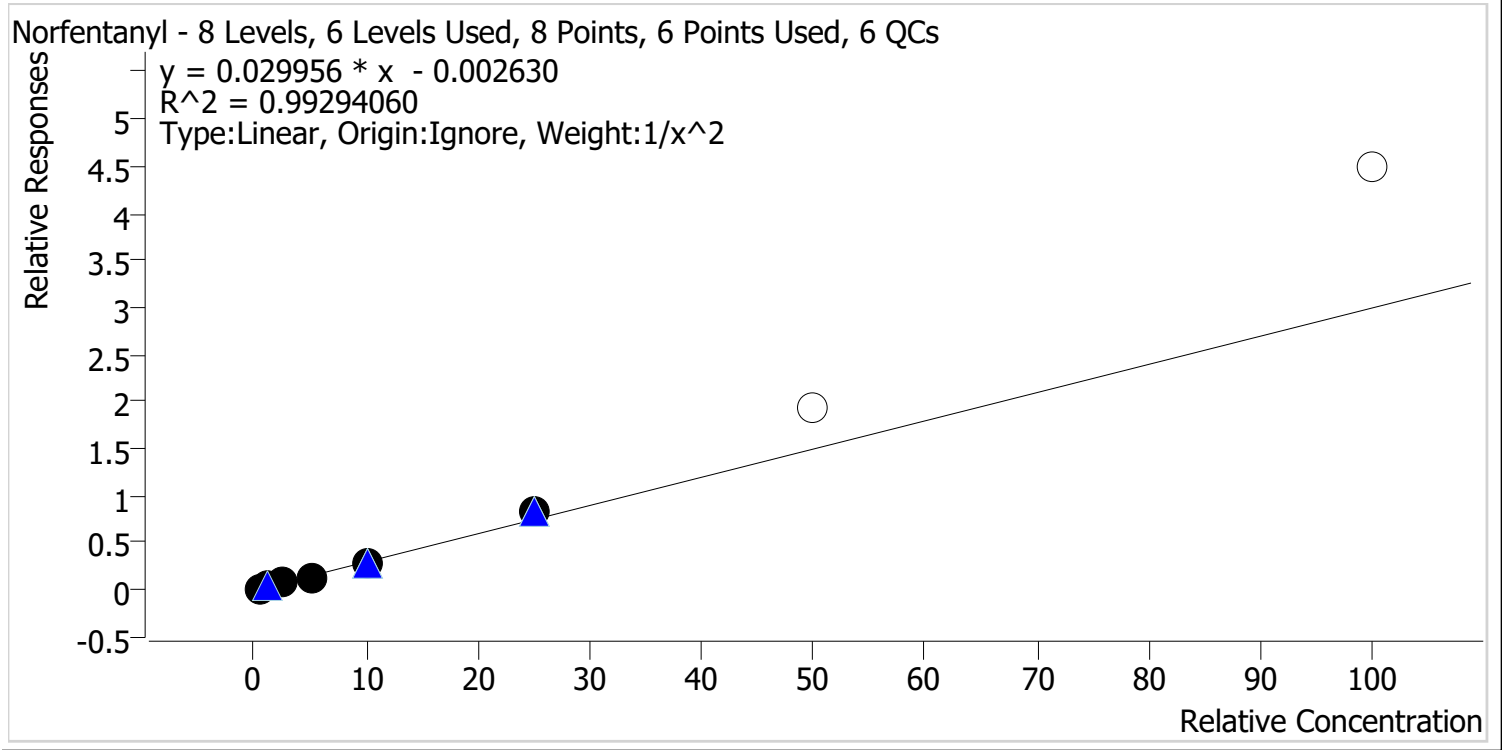


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.5
p1 Cal 2-10ng	2	✓	10.0	9.8	98.2
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.0
p1 Cal 4-50ng	4	✓	50.0	49.7	99.3
p1 Cal 5-100ng	5	✓	100.0	106.1	106.1
p1 Cal 6-250ng	6	✓	250.0	256.0	102.4
p1 Cal 7-500ng	7	✓	500.0	493.5	98.7
p1 Cal 8-1000ng	8	✓	1000.0	938.4	93.8



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Norfentanyl **Internal Standard** Norfentanyl-D5

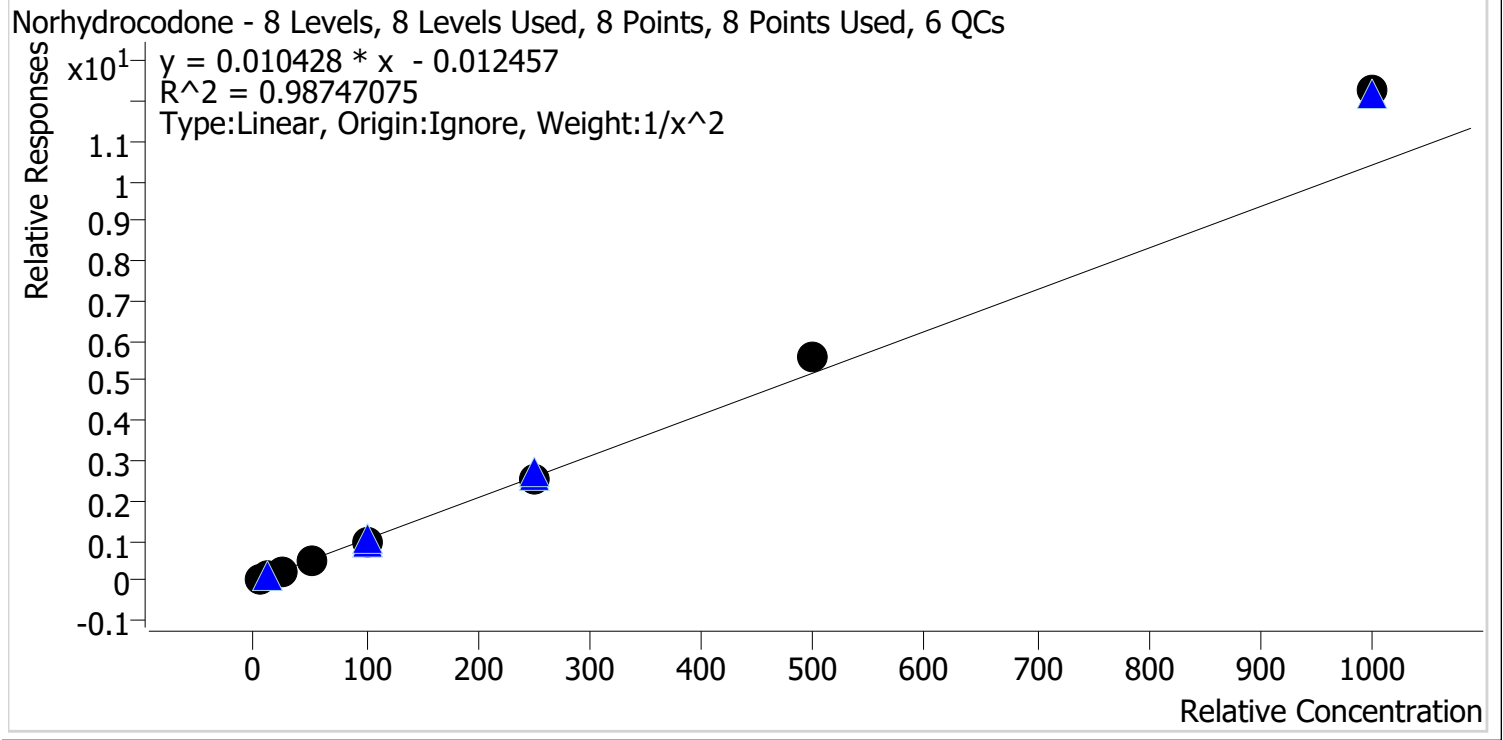


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	0.5	0.5	102.9
p1 Cal 2-10ng	2	✓	1.0	1.0	96.8
p1 Cal 3 -25ng	3	✓	2.5	2.4	96.1
p1 Cal 4-50ng	4	✓	5.0	4.6	92.7
p1 Cal 5-100ng	5	✓	10.0	9.9	99.4
p1 Cal 6-250ng	6	✓	25.0	28.0	112.2
p1 Cal 7-500ng	7	x	50.0	65.3	130.6
p1 Cal 8-1000ng	8	x	100.0	150.7	150.7



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Norhydrocodone **Internal Standard** Norhydrocodone-D3



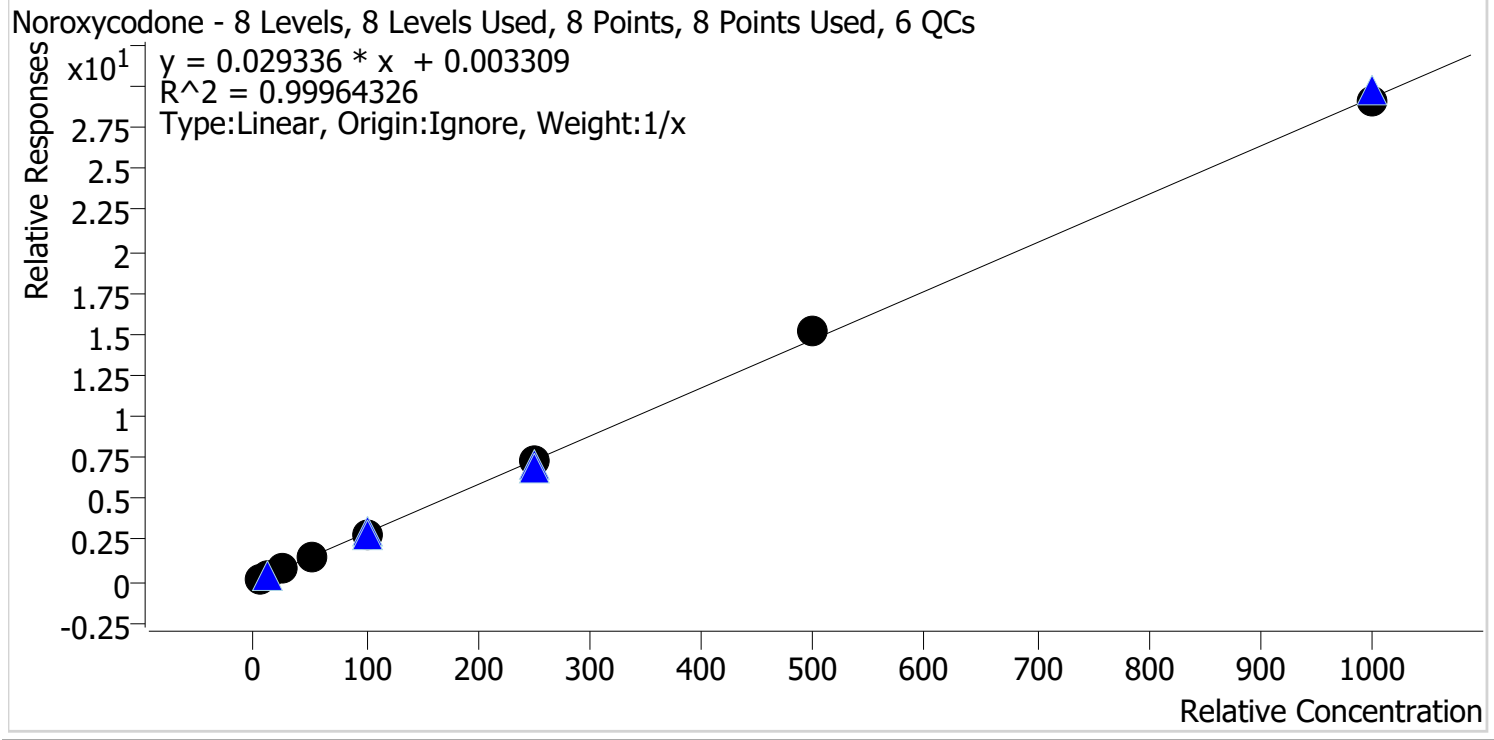
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.3	105.1
p1 Cal 2-10ng	2	✓	10.0	9.6	96.0
p1 Cal 3 -25ng	3	✓	25.0	22.5	90.1
p1 Cal 4-50ng	4	✓	50.0	44.9	89.8
p1 Cal 5-100ng	5	✓	100.0	94.3	94.3
p1 Cal 6-250ng	6	✓	250.0	246.0	98.4
p1 Cal 7-500ng	7	✓	500.0	541.8	108.4
p1 Cal 8-1000ng	8	✓	1000.0	1178.9	117.9

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Noroxycodone **Internal Standard** Noroxycodone-D3



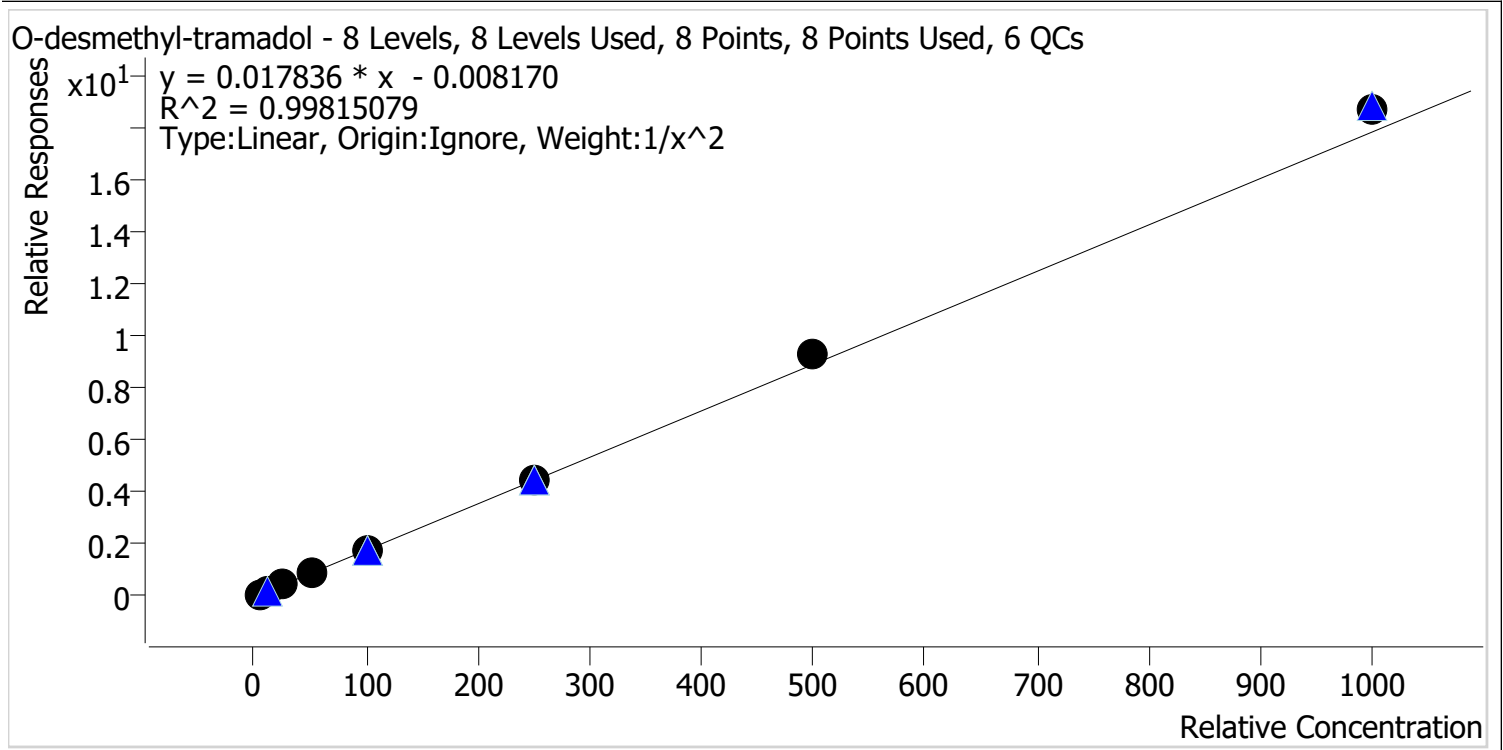
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.2	104.7
p1 Cal 2-10ng	2	✓	10.0	9.9	99.1
p1 Cal 3 -25ng	3	✓	25.0	25.0	100.2
p1 Cal 4-50ng	4	✓	50.0	48.6	97.3
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	245.5	98.2
p1 Cal 7-500ng	7	✓	500.0	514.5	102.9
p1 Cal 8-1000ng	8	✓	1000.0	992.8	99.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte O-desmethyl-tramadol **Internal Standard** O-desmethyl-tramadol-D6

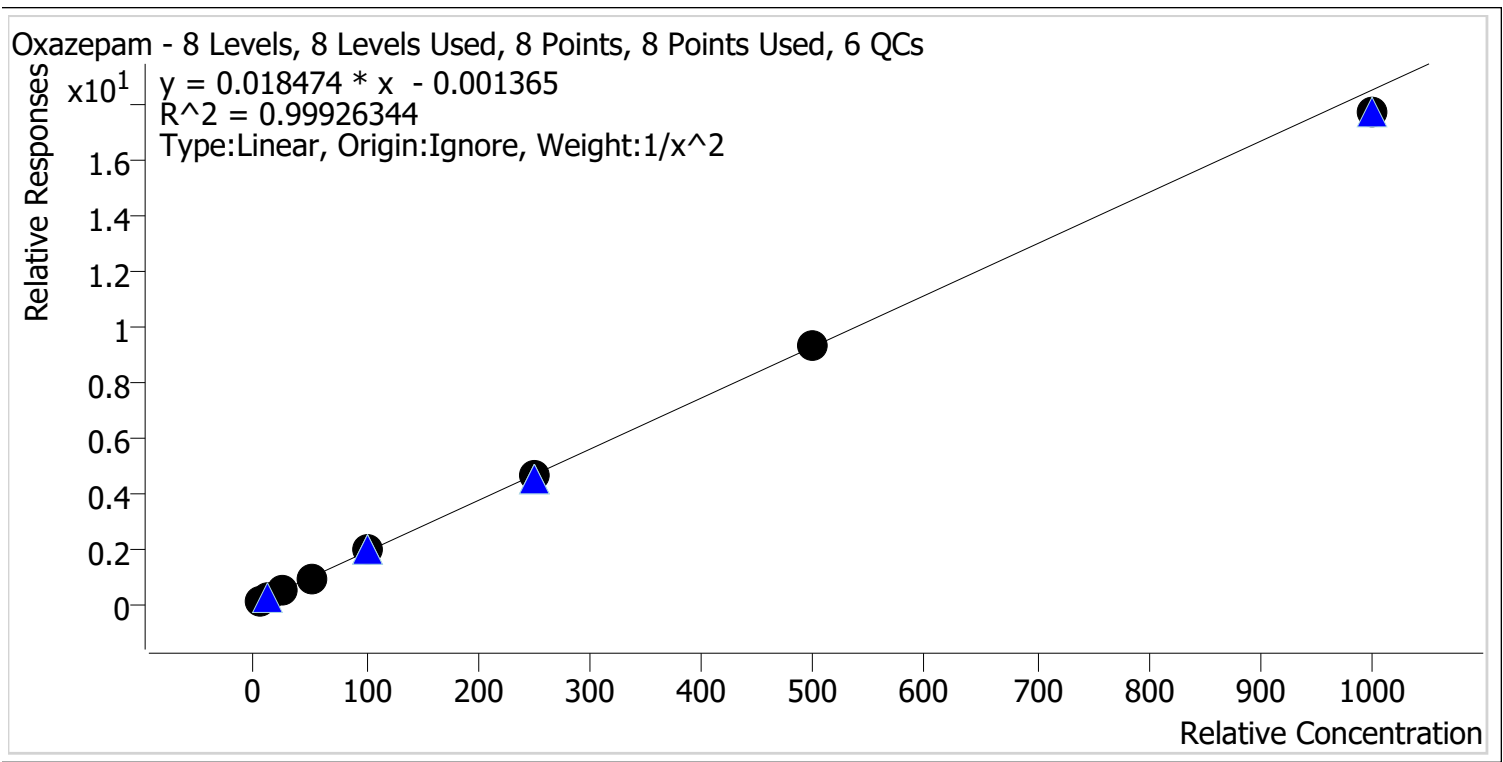


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.1	102.4
p1 Cal 2-10ng	2	✓	10.0	9.8	97.9
p1 Cal 3 -25ng	3	✓	25.0	23.9	95.8
p1 Cal 4-50ng	4	✓	50.0	47.7	95.5
p1 Cal 5-100ng	5	✓	100.0	97.8	97.8
p1 Cal 6-250ng	6	✓	250.0	253.8	101.5
p1 Cal 7-500ng	7	✓	500.0	523.2	104.6
p1 Cal 8-1000ng	8	✓	1000.0	1045.5	104.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Oxazepam **Internal Standard** Oxazepam-D5



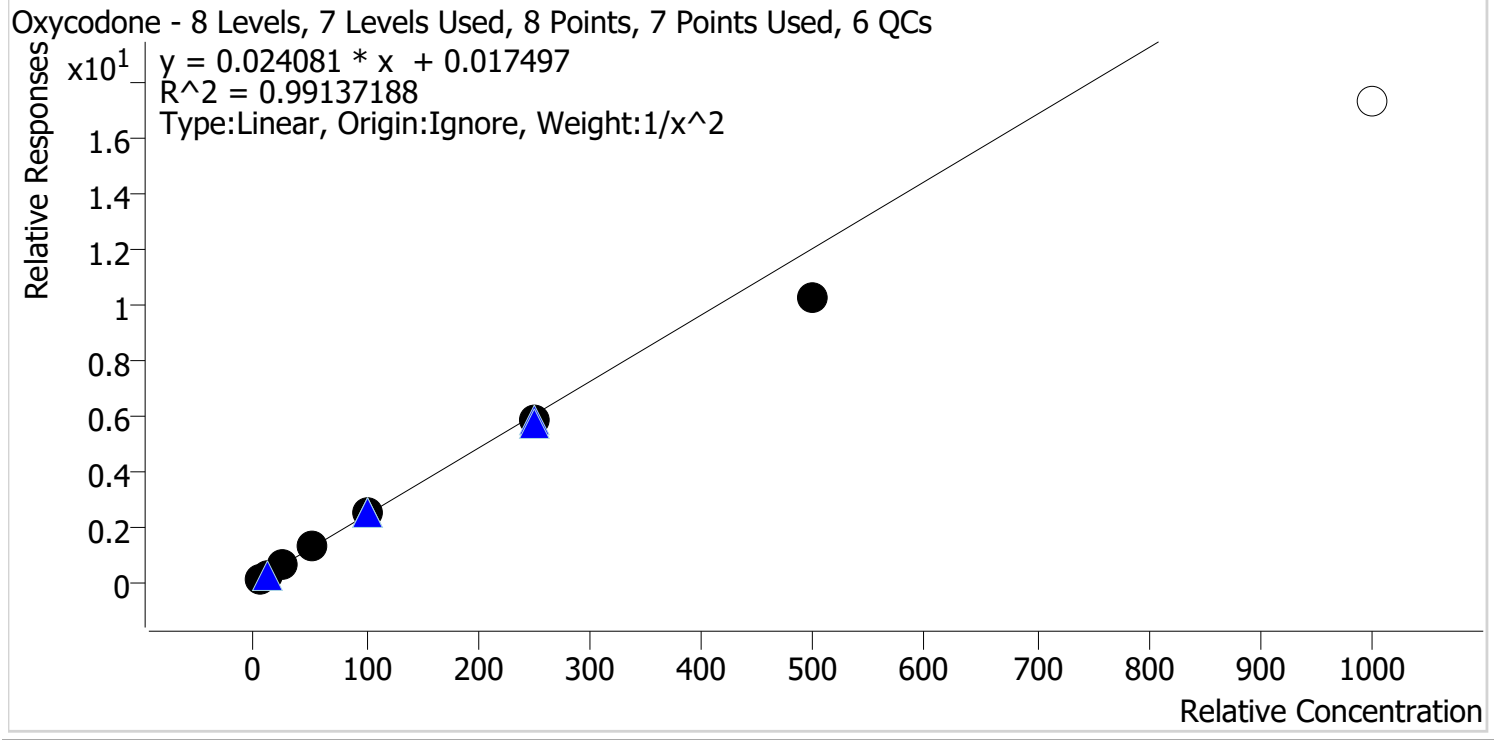
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	98.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.4
p1 Cal 3 -25ng	3	✓	25.0	25.5	101.9
p1 Cal 4-50ng	4	✓	50.0	50.0	100.1
p1 Cal 5-100ng	5	✓	100.0	103.1	103.1
p1 Cal 6-250ng	6	✓	250.0	245.9	98.4
p1 Cal 7-500ng	7	✓	500.0	504.2	100.8
p1 Cal 8-1000ng	8	✓	1000.0	955.9	95.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Oxycodone **Internal Standard** Oxycodone-D6

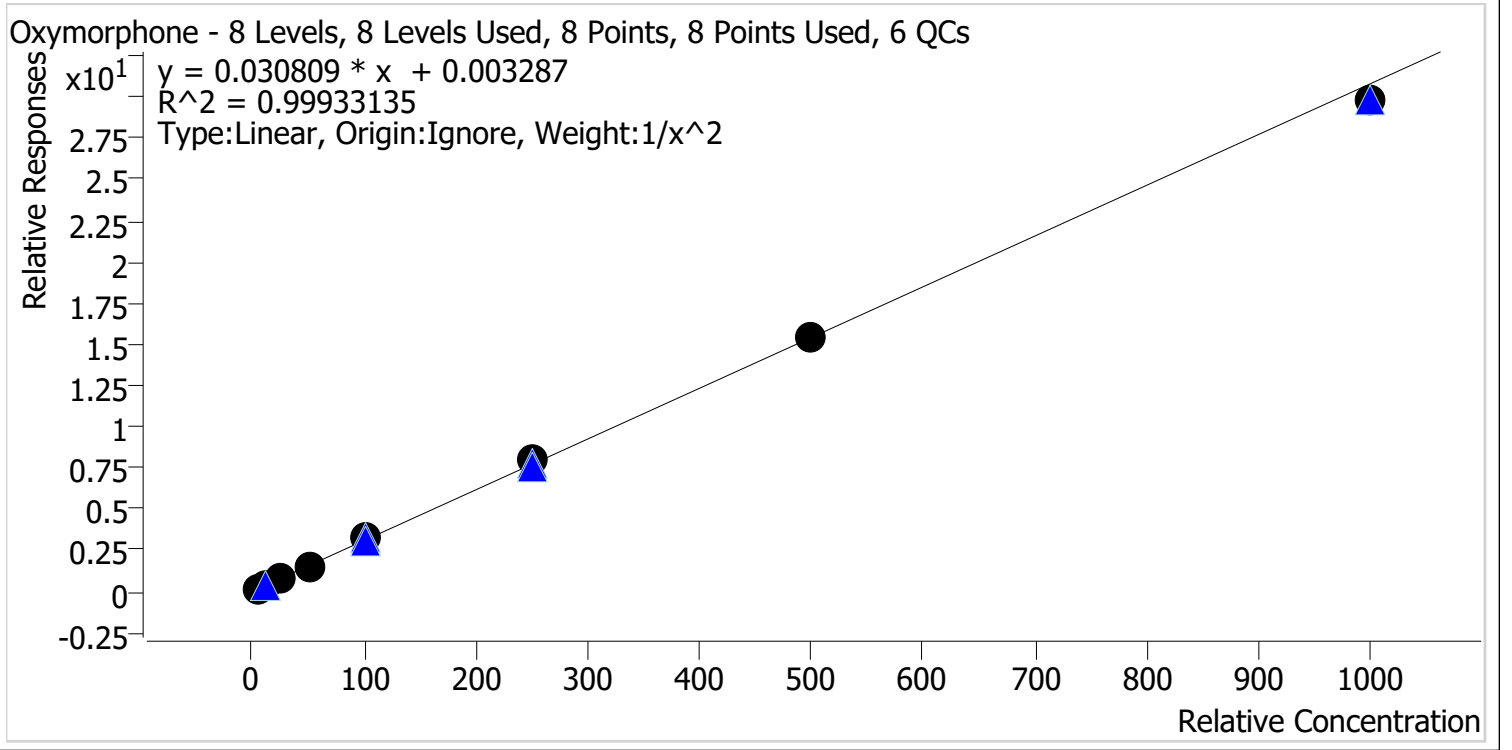


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.4
p1 Cal 2-10ng	2	✓	10.0	10.3	103.2
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.8
p1 Cal 4-50ng	4	✓	50.0	53.1	106.2
p1 Cal 5-100ng	5	✓	100.0	105.8	105.8
p1 Cal 6-250ng	6	✓	250.0	240.8	96.3
p1 Cal 7-500ng	7	✓	500.0	426.4	85.3
p1 Cal 8-1000ng	8	✗	1000.0	719.1	71.9



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Oxymorphone **Internal Standard** Oxymorphone-D3

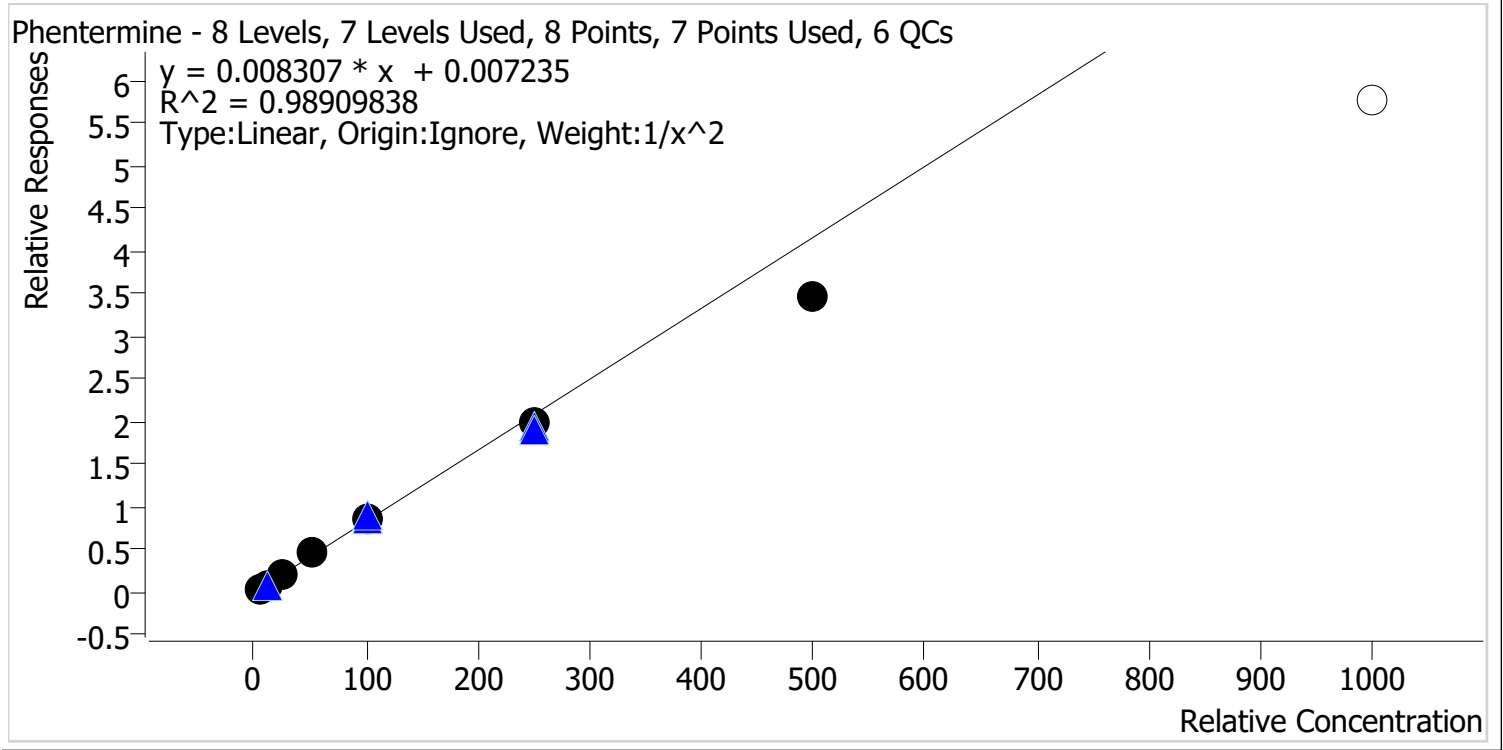


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.7
p1 Cal 2-10ng	2	✓	10.0	10.1	100.5
p1 Cal 3 -25ng	3	✓	25.0	25.3	101.1
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	256.5	102.6
p1 Cal 7-500ng	7	✓	500.0	500.4	100.1
p1 Cal 8-1000ng	8	✓	1000.0	965.6	96.6



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Phentermine **Internal Standard** Phentermine-D5

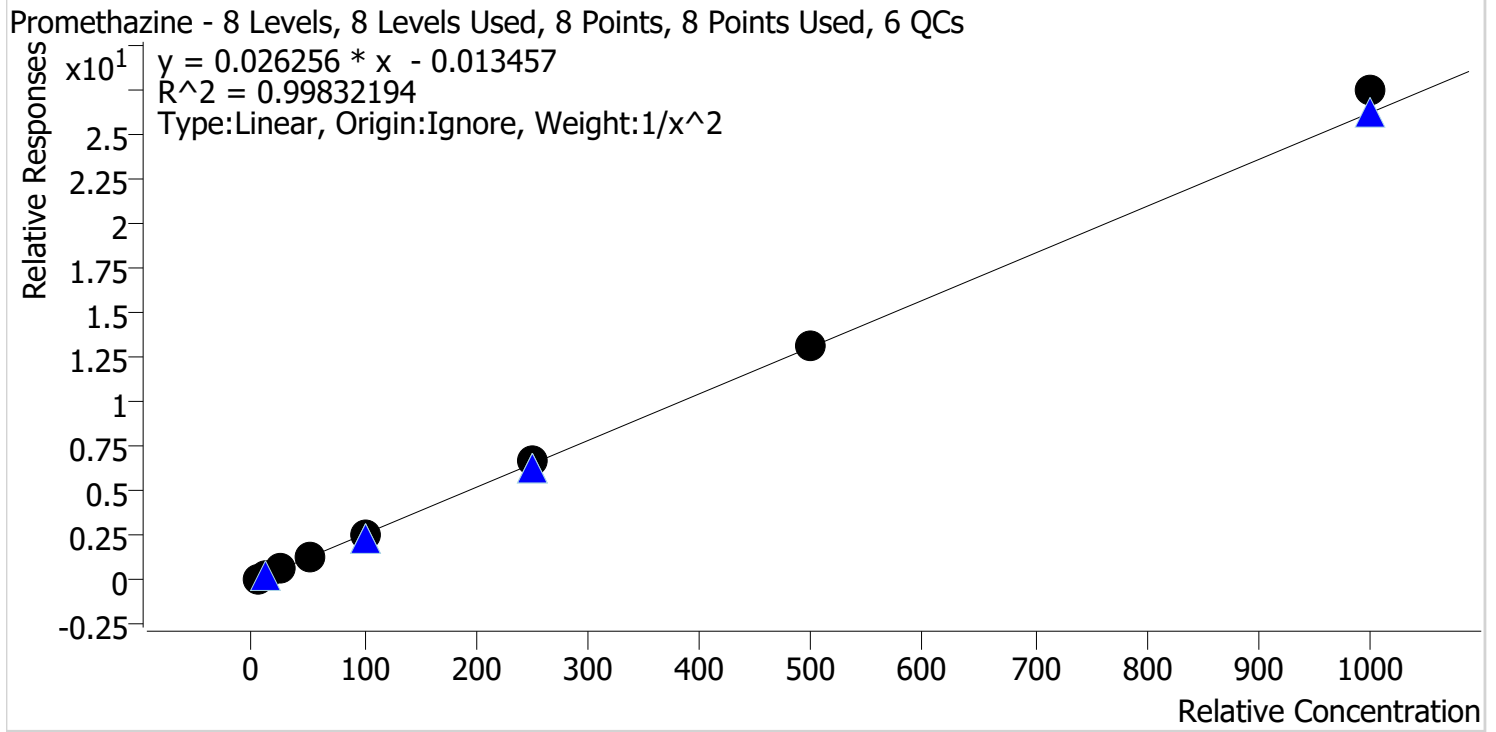


Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	96.7
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	27.4	109.5
p1 Cal 4-50ng	4	✓	50.0	54.0	108.0
p1 Cal 5-100ng	5	✓	100.0	105.1	105.1
p1 Cal 6-250ng	6	✓	250.0	239.6	95.8
p1 Cal 7-500ng	7	✓	500.0	418.8	83.8
p1 Cal 8-1000ng	8	✗	1000.0	692.6	69.3



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Promethazine **Internal Standard** Promethazine-D3



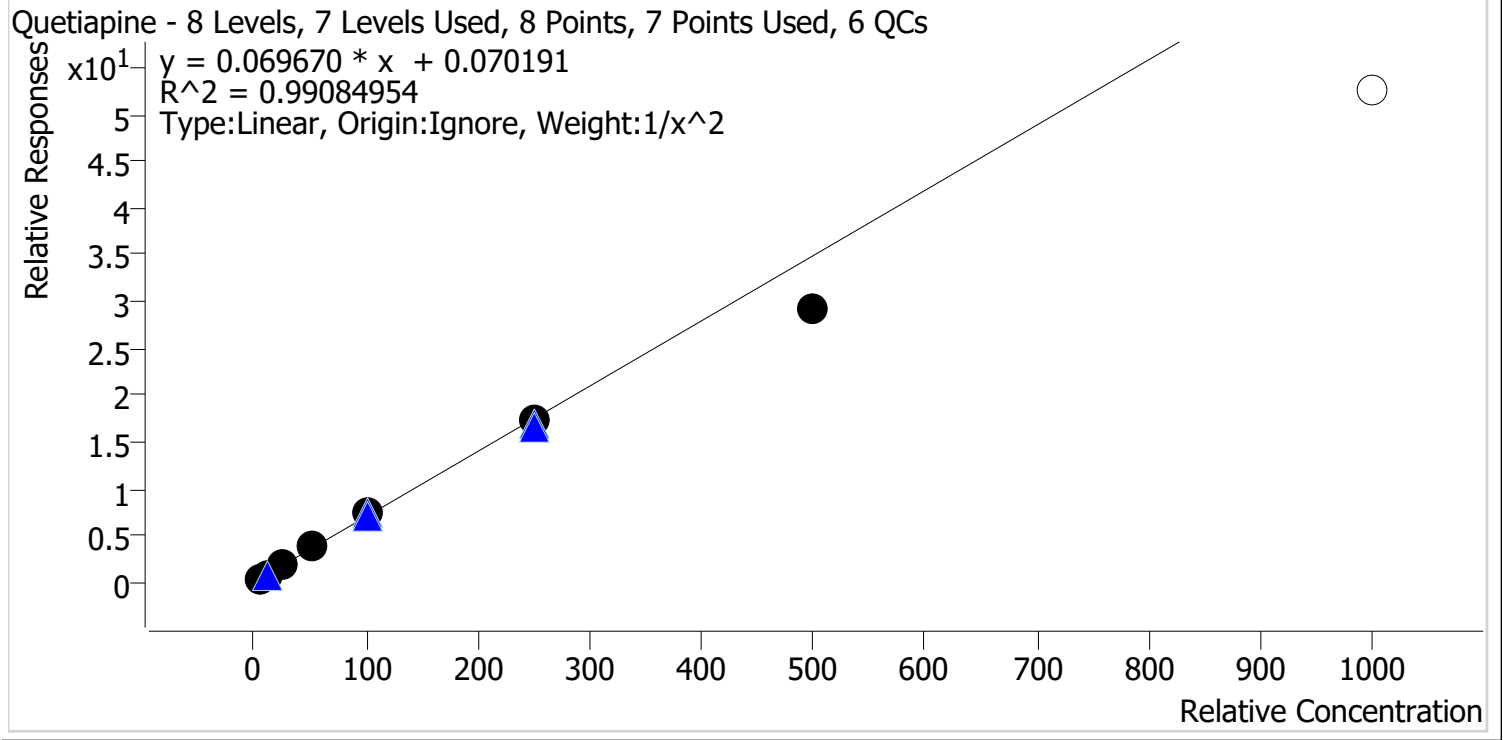
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.8
p1 Cal 2-10ng	2	✓	10.0	10.1	101.2
p1 Cal 3 -25ng	3	✓	25.0	23.8	95.2
p1 Cal 4-50ng	4	✓	50.0	47.5	95.0
p1 Cal 5-100ng	5	✓	100.0	98.5	98.5
p1 Cal 6-250ng	6	✓	250.0	259.3	103.7
p1 Cal 7-500ng	7	✓	500.0	503.9	100.8
p1 Cal 8-1000ng	8	✓	1000.0	1047.4	104.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Quetiapine **Internal Standard** Quetiapine-D8



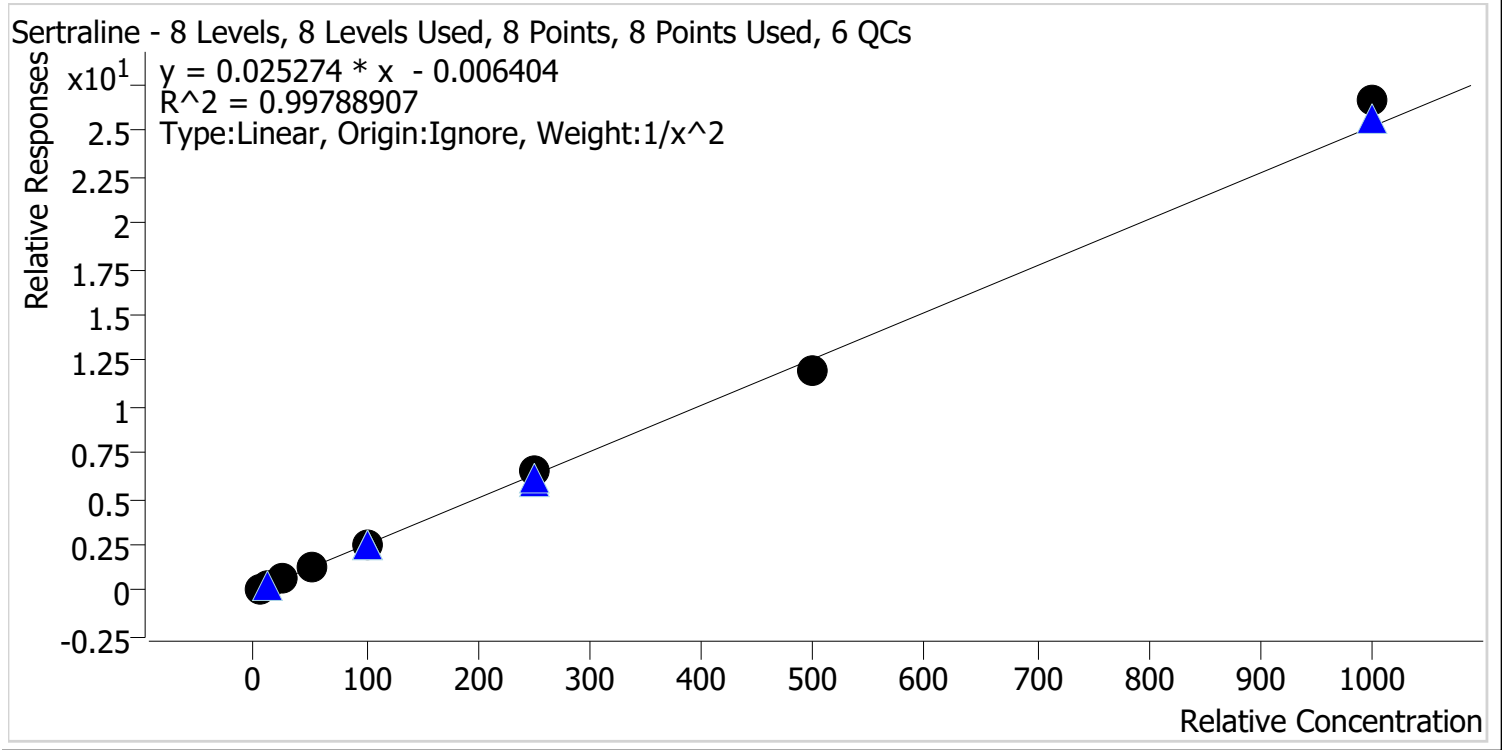
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.7
p1 Cal 2-10ng	2	✓	10.0	10.5	104.6
p1 Cal 3 -25ng	3	✓	25.0	26.7	106.9
p1 Cal 4-50ng	4	✓	50.0	52.5	104.9
p1 Cal 5-100ng	5	✓	100.0	104.9	104.9
p1 Cal 6-250ng	6	✓	250.0	247.5	99.0
p1 Cal 7-500ng	7	✓	500.0	419.5	83.9
p1 Cal 8-1000ng	8	✗	1000.0	752.8	75.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Sertraline **Internal Standard** Sertraline-D3



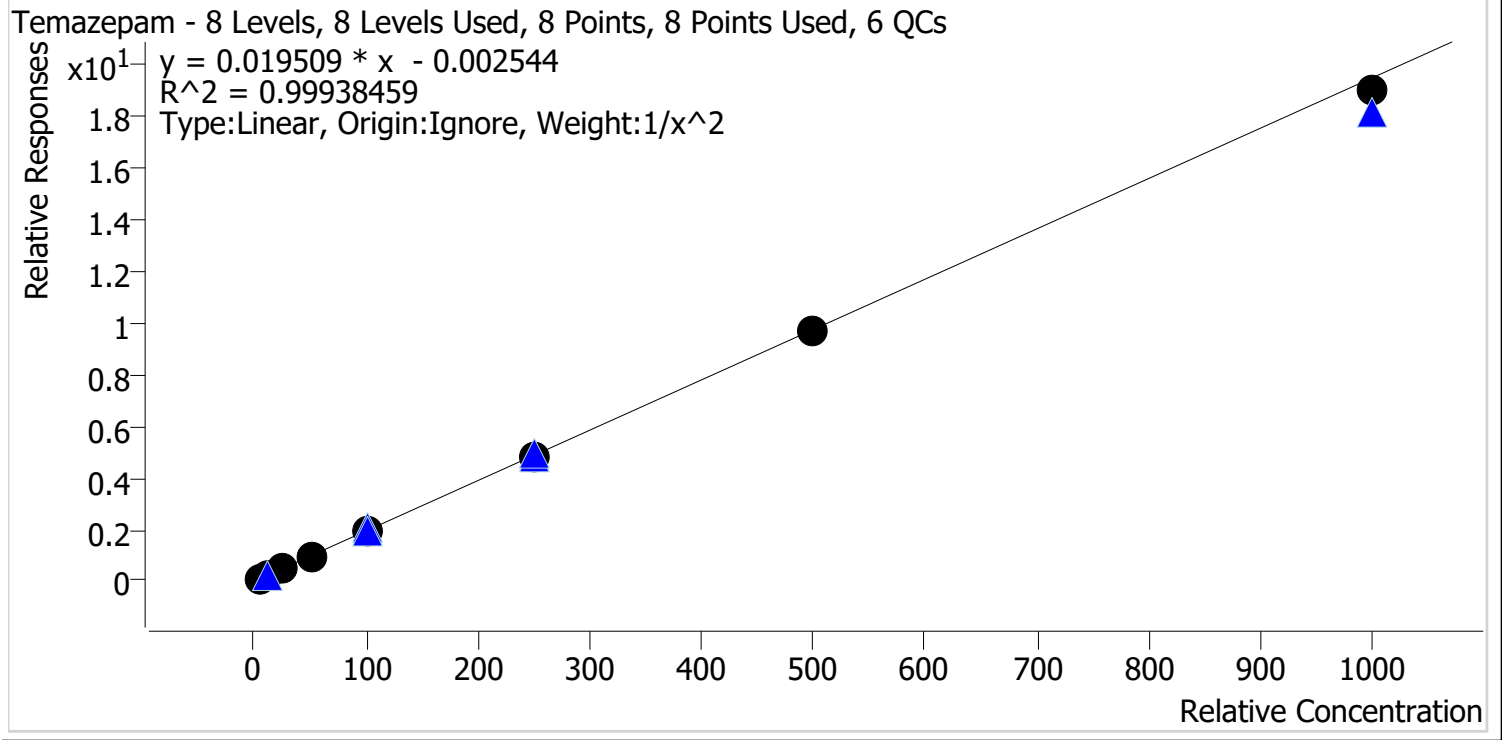
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	100.3
p1 Cal 2-10ng	2	✓	10.0	10.0	99.7
p1 Cal 3 -25ng	3	✓	25.0	25.5	102.2
p1 Cal 4-50ng	4	✓	50.0	47.8	95.6
p1 Cal 5-100ng	5	✓	100.0	96.5	96.5
p1 Cal 6-250ng	6	✓	250.0	262.0	104.8
p1 Cal 7-500ng	7	✓	500.0	477.1	95.4
p1 Cal 8-1000ng	8	✓	1000.0	1055.7	105.6

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Temazepam **Internal Standard** Temazepam-D5



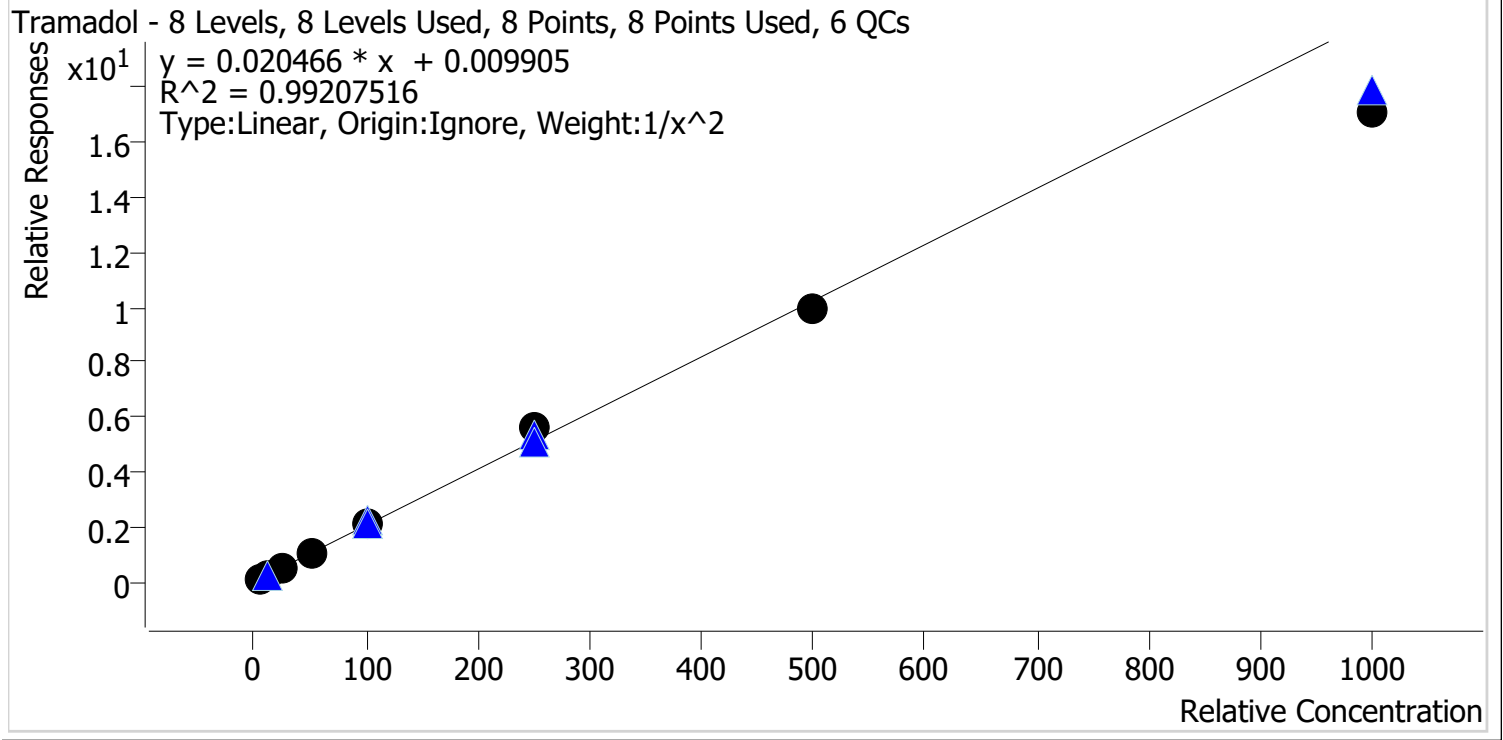
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	5.0	99.2
p1 Cal 2-10ng	2	✓	10.0	10.0	100.2
p1 Cal 3 -25ng	3	✓	25.0	26.0	104.0
p1 Cal 4-50ng	4	✓	50.0	49.4	98.8
p1 Cal 5-100ng	5	✓	100.0	102.5	102.5
p1 Cal 6-250ng	6	✓	250.0	247.7	99.1
p1 Cal 7-500ng	7	✓	500.0	494.6	98.9
p1 Cal 8-1000ng	8	✓	1000.0	974.7	97.5

cg



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Tramadol **Internal Standard** Tramadol-13C-D3



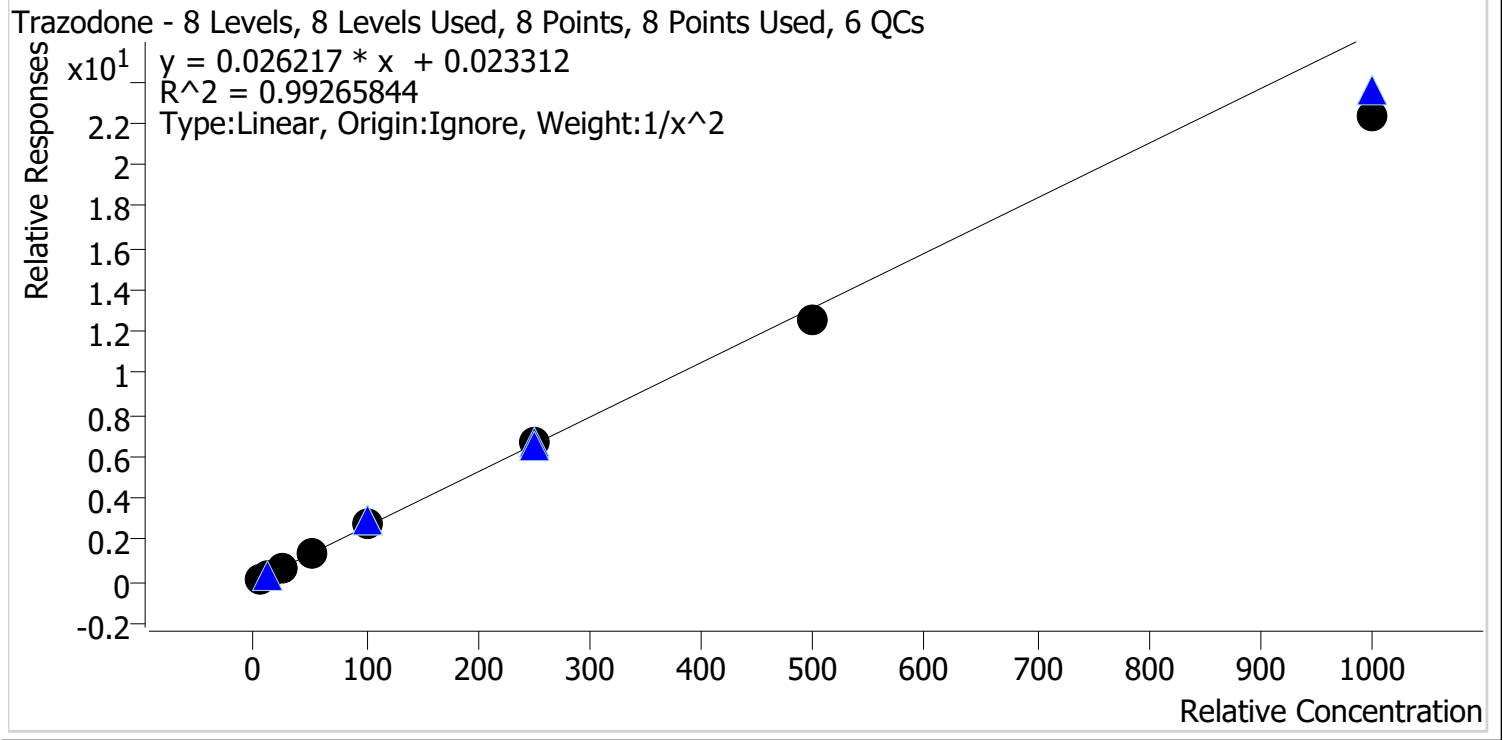
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.2
p1 Cal 2-10ng	2	✓	10.0	10.3	102.9
p1 Cal 3 -25ng	3	✓	25.0	25.8	103.3
p1 Cal 4-50ng	4	✓	50.0	52.4	104.7
p1 Cal 5-100ng	5	✓	100.0	102.1	102.1
p1 Cal 6-250ng	6	✓	250.0	272.5	109.0
p1 Cal 7-500ng	7	✓	500.0	487.2	97.4
p1 Cal 8-1000ng	8	✓	1000.0	832.7	83.3

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Trazodone **Internal Standard** Trazodone-D6



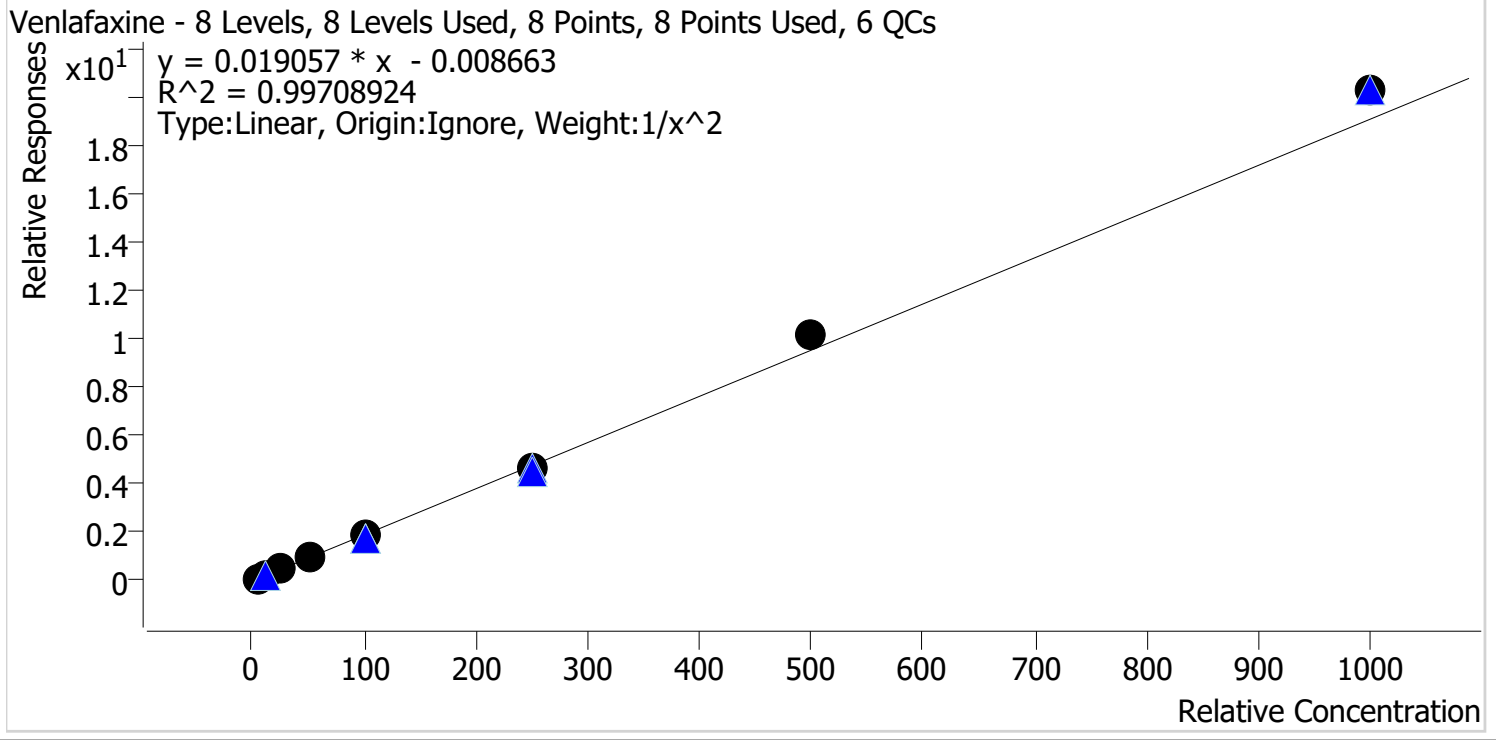
Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.9	97.9
p1 Cal 2-10ng	2	✓	10.0	10.0	100.0
p1 Cal 3 -25ng	3	✓	25.0	26.6	106.5
p1 Cal 4-50ng	4	✓	50.0	52.6	105.2
p1 Cal 5-100ng	5	✓	100.0	107.6	107.6
p1 Cal 6-250ng	6	✓	250.0	256.4	102.6
p1 Cal 7-500ng	7	✓	500.0	478.0	95.6
p1 Cal 8-1000ng	8	✓	1000.0	847.3	84.7

CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 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	5.2	103.4
p1 Cal 2-10ng	2	✓	10.0	9.5	95.3
p1 Cal 3 -25ng	3	✓	25.0	24.1	96.4
p1 Cal 4-50ng	4	✓	50.0	48.5	97.0
p1 Cal 5-100ng	5	✓	100.0	98.3	98.3
p1 Cal 6-250ng	6	✓	250.0	241.7	96.7
p1 Cal 7-500ng	7	✓	500.0	533.8	106.8
p1 Cal 8-1000ng	8	✓	1000.0	1061.5	106.1

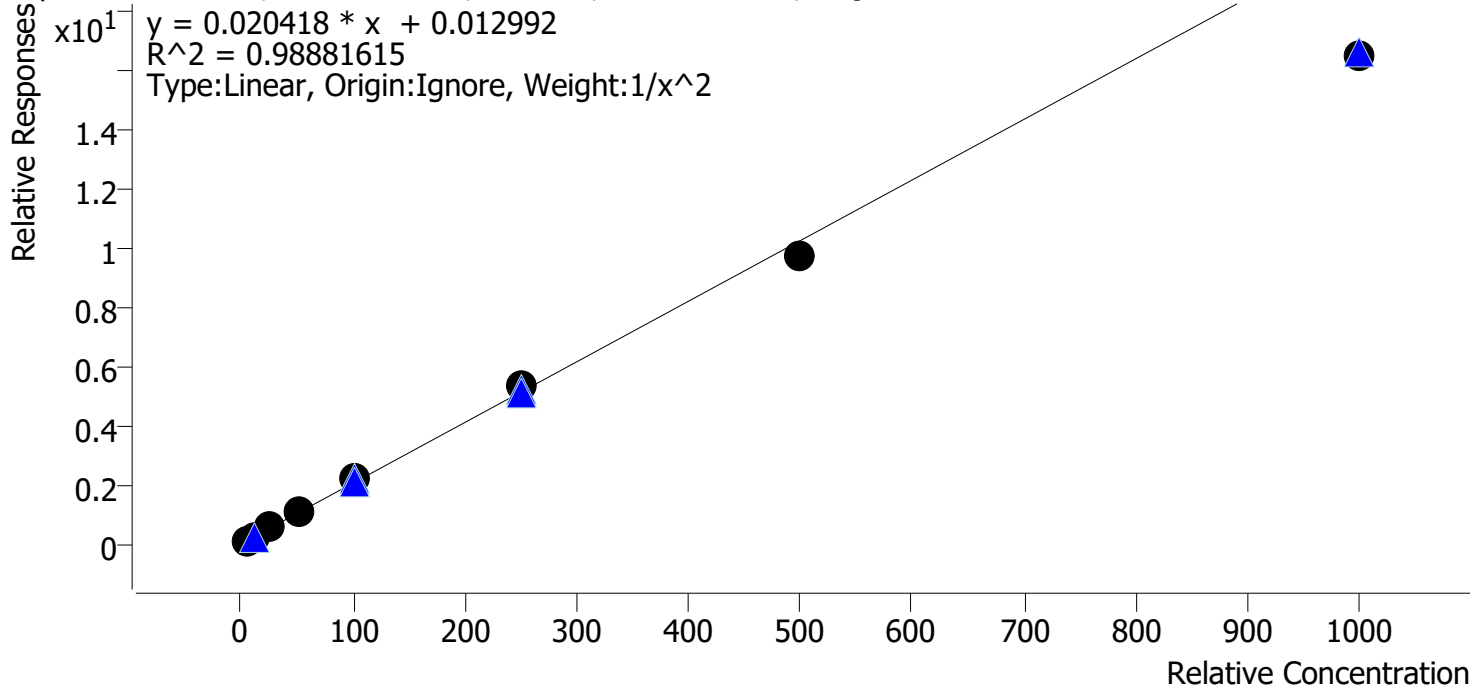
CS



AM #28 Multi-Drug Quant. Calibration Curve Report

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Last Cal. Update 8/2/2023 3:13 PM
Analyst Name ISP\Datastor
Analyte Zolpidem **Internal Standard** Zolpidem-D6

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



Sample	Level	Enabled	Expected Concentration	Final Concentration	Accuracy
p1 Cal 1-5ng	1	✓	5.0	4.8	95.4
p1 Cal 2-10ng	2	✓	10.0	10.6	105.9
p1 Cal 3 -25ng	3	✓	25.0	25.9	103.7
p1 Cal 4-50ng	4	✓	50.0	52.7	105.5
p1 Cal 5-100ng	5	✓	100.0	108.5	108.5
p1 Cal 6-250ng	6	✓	250.0	263.1	105.3
p1 Cal 7-500ng	7	✓	500.0	475.9	95.2
p1 Cal 8-1000ng	8	✓	1000.0	806.5	80.7



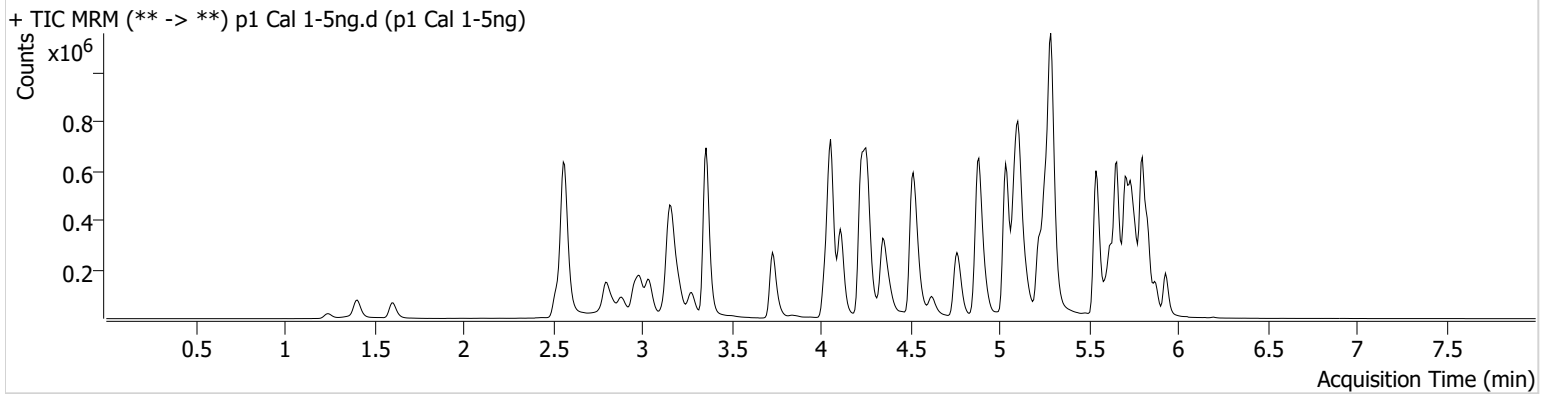
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901) Data File p1 Cal 1-5ng.d
Type Cal Sample p1 Cal 1-5ng
Acq. Method AM 28 MDQ P1.m Operator Celena Shrum
Sample Position P2-H12 Comment
Injection Volume 2
Acq. Date-Time 7/22/2023 2:00:14 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.
6-MAM	3.133	1591	187.08	75.5	916.77	79742	0.5113 ng/ml
7-aminoclonazepam	4.251	23297	122.66	78.2	27020.35	191676	4.7887 ng/ml
a-hydroxyalprazolam	5.689	14338	198.97	67.7	169.11	1036386	4.7875 ng/ml
alpha-PHP	4.928	25573	571.37	266.6	882.71	673301	4.8737 ng/ml
alpha-PVP	4.357	91539	277.27	50.3	529.75	673301	5.0802 ng/ml
Alprazolam	5.766	51665	146.22	116.9	612.02	264547	5.0480 ng/ml
Amphetamine	3.037	161099	462.26	48.1	95.76	361222	4.6997 ng/ml
Benzoylcegonine	3.871	2743	321.95	8.3	19.21	16279	5.0891 ng/ml
Buprenorphine	5.810	2525	3439.86	12.1	149.15	132924	0.4889 ng/ml
Bupropion	4.778	106631	3482.70	63.7	224.87	628456	5.0090 ng/ml
Carisoprodol	5.714	54508	54522.10	52.2	104.88	488679	5.2967 ng/ml
Chlordiazepoxide	5.835	12727	506.65	200.0	316.26	505282	3.6341 ng/ml
Chlorpheniramine	5.111	144943	3381.31	0.4 High	26.24	1261733	5.2352 ng/ml
Citalopram	5.225	87068	1249.83	43.0	39921.19	638753	5.0842 ng/ml
Clonazepam	5.601	58925	918.47	35.7	∞	147901	4.8640 ng/ml
Clonazolam	5.545	28560	33519.59	38.7	14603.18	147901	4.7328 ng/ml
Cocaine	4.257	71229	15309.34	52.1	1062.58	1096169	5.1081 ng/ml
Codeine	2.580	8782	2929.91	109.4	25876.33	70917	4.7630 ng/ml
Cyclobenzaprine	5.625	61848	116251.98	8.0	20.11	480430	5.1483 ng/ml
Dextromethorphan	5.269	47345	35143.42	80.3	1398.02	387523	5.1219 ng/ml
Dextrorphan	4.118	31299	15036.28	214.5	1420.34	703767	5.1571 ng/ml
Diazepam	5.938	39267	346.66	93.5	231.03	280229	5.0140 ng/ml
Dihydrocodeine	2.552	24586	59695.18	57.7	21994.28	277926	4.7140 ng/ml
Diphenhydramine	5.290	253897	358.90	29.6	1988.97	2203814	5.1559 ng/ml
DMT	2.845	8207	323.08	96.4	434.94	387523	5.1387 ng/ml
Doxylamine	4.538	195874	1153.41	99.5	4174.36	1592306	5.0543 ng/ml
Duloxetine	5.651	4610	117.94	14.2	10.99	44121	5.0219 ng/ml
EDDP	5.262	74771	1189.12	41.8	1600.55	754516	5.0598 ng/ml
Etizolam	5.804	23666	23745.06	23.4	4411.90	147901	5.2117 ng/ml
Fentanyl	5.101	6395	135.06	78.0	12560.46	622445	0.4918 ng/ml
Flualprazolam	5.695	20934	366.00	96.2	1911.20	264547	4.7477 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	16589	243.87	42.8	1923.24	5122	0.5083 ng/ml
Fluoxetine	5.711	48299	269.71	8.0	48.96	354362	5.1292 ng/ml
Hydrocodone	3.019	39004	54.71	31.7	75.15	363548	4.8174 ng/ml
Hydromorphone	1.615	29045	85779.19	71.3	1150.17	156102	4.9969 ng/ml
Hydroxyzine	5.708	85069	1740.18	66.2	774.89	387523	5.2065 ng/ml
Ketamine	4.043	74704	1358.36	39.1	216.94	464196	4.7329 ng/ml
Lamotrigine	4.274	6034	293.11	81.5	97.15	1571076	4.9399 ng/ml
Lorazepam	5.737	46826	495.17	51.3	37.47	644072	4.8304 ng/ml
MDA	3.191	114717	1073.29	30.1	306.61	552316	4.8552 ng/ml
MDMA	3.285	63531	9679.49	87.8	807.38	147822	4.9889 ng/ml
Meprobamate	4.895	38288	2821.50	25.2	127.06	322529	4.8693 ng/ml
Methadone	5.656	150958	504.35	44.2	443.25	1015680	5.1525 ng/ml
Methamphetamine	3.212	134465	470.43	37.8	1222.71	908774	4.8011 ng/ml
Metoprolol	4.320	18428	787.24	92.7	542.49	1242126	4.9009 ng/ml
Mirtazapine	4.620	127952	1826.73	43.4	25762.08	673301	5.1731 ng/ml
Mitragynine	5.230	26720	970.45	36.4	586.35	1015680	4.9495 ng/ml
Morphine	1.253	5103	2765.17	39.1	105.78	26254	4.9806 ng/ml
Norbuprenorphine	4.997	399	1820.81	97.2	413.71	20432	0.5267 ng/ml
Nordiazepam	5.877	31221	453.89	64.1	220.27	180768	5.0230 ng/ml
Norfentanyl	4.078	14103	407.64	33.3	79.78	1103247	0.5145 ng/ml
Norhydrocodone	3.060	5170	121.62	39.9	145.56	122056	5.2566 ng/ml
Noroxycodone	2.904	34615	287.18	48.1	92.31	220604	5.2359 ng/ml
O-desmethyl-tramadol	3.366	133456	1081.17	6.1	120.32	1605567	5.1184 ng/ml
o-desmethylvenlafaxine	4.063	210807	∞	20.3	331.13	348747	5.1758 ng/ml
Olanzapine	4.461	19987	262.28	58.5	32.02	103866	5.2868 ng/ml
Oxazepam	5.740	57917	139.58	79.4	66.61	644072	4.9413 ng/ml
Oxycodone	2.828	64017	380.21	29.3	215.55	479498	4.8175 ng/ml
Oxymorphone	1.411	32979	148.74	45.9	396.72	210320	4.9829 ng/ml
Phentermine	3.767	34117	95.59	6.0	13.13	719727	4.8352 ng/ml
Promethazine	5.548	108150	774.06	28.5	5751.87	909451	5.0417 ng/ml
Pseudoephedrine	2.576	198133	4649.59	16.5	3570.31	1571076	5.1315 ng/ml
Quetiapine	5.551	110706	153.36	56.2	56694.97	274211	4.7873 ng/ml
Sertraline	5.773	14825	112.15	106.6	107.84	123246	5.0127 ng/ml
Temazepam	5.807	97621	349.77	29.5	48.79	1036386	4.9585 ng/ml
Tramadol	4.239	135905	526.11	3.7	98.60	1242126	4.8620 ng/ml
Trazodone	5.141	111577	77.36	59.8	40632.65	735808	4.8948 ng/ml
Venlafaxine	5.036	130706	737.98	39.9	674.03	1453846	5.1722 ng/ml
Zolpidem	4.905	153007	809.77	31.5	1865.45	1386032	4.7703 ng/ml



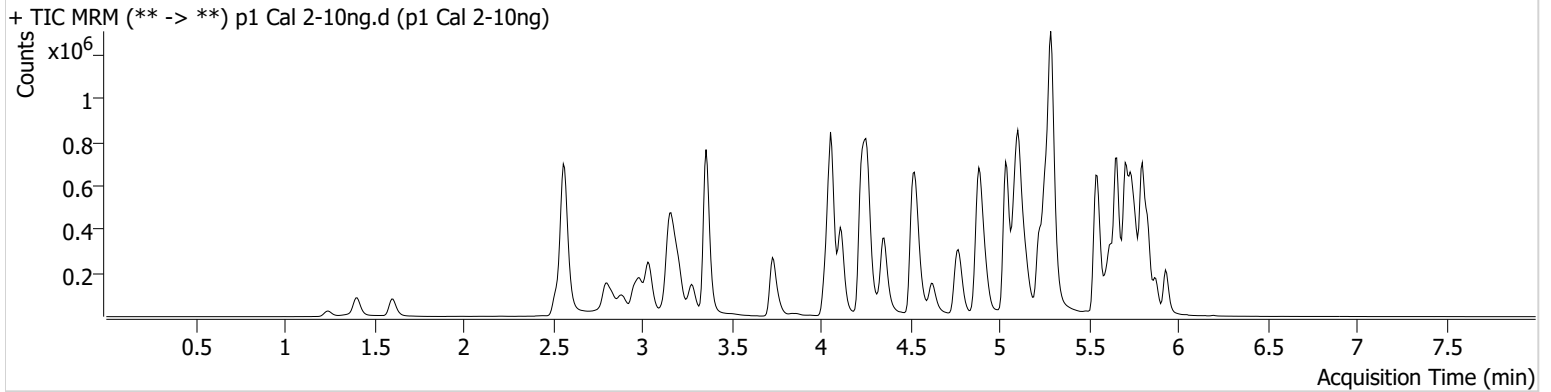
AM #28 Multi-Drug Quant. Results

Batch results D:\MassHunter\Data\2023\AM 27 28\072123 AM 27 28 CS TS\QuantResults\AM 28 P1 CS.batch.bin
Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901) **Data File** p1 Cal 2-10ng.d
Type Cal **Sample** p1 Cal 2-10ng
Acq. Method AM 28 MDQ P1.m **Operator** Celena Shrum
Sample Position P2-G12 **Comment**
Injection Volume 2
Acq. Date-Time 7/22/2023 2:11:01 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.
6-MAM	3.133	3142	333.83	80.0	3602.07	82342	0.9682 ng/ml
7-aminoclonazepam	4.251	42928	99.60	81.0	165.61	179024	10.3524 ng/ml
a-hydroxyalprazolam	5.689	28697	177.34	67.4	127.72	999279	10.5133 ng/ml
alpha-PHP	4.928	49592	2017.56	265.5	2654.93	656232	10.1835 ng/ml
alpha-PVP	4.363	178450	7520.50	50.8	1369.08	656232	9.8921 ng/ml
Alprazolam	5.766	100908	587.74	121.9	545.01	259084	9.9169 ng/ml
Amphetamine	3.037	320110	637.55	46.7	864.10	358606	10.7339 ng/ml
Benzoylcegonine	3.871	5263	157.64	8.4	678.79	16874	9.8445 ng/ml
Buprenorphine	5.810	4425	316.16	16.5	748.55	128233	0.9557 ng/ml
Bupropion	4.785	203850	473.07	65.5	283.20	620510	9.8917 ng/ml
Carisoprodol	5.714	110312	23334.66	51.1	119.37	511384	9.2702 ng/ml
Chlordiazepoxide	5.835	27843	2864.09	198.7	553.83	542457	9.4724 ng/ml
Chlorpheniramine	5.111	293083	1786.90	0.3	37.88	1238976	10.2106 ng/ml
Citalopram	5.225	171079	702.41	41.5	107426.10	636289	9.7363 ng/ml
Clonazepam	5.601	117493	6961.81	33.8	27716.91	148789	10.2727 ng/ml
Clonazolam	5.545	59275	77783.55	35.1	394.52	148789	10.7040 ng/ml
Cocaine	4.257	138247	534.22	52.7	9302.33	1101939	9.8027 ng/ml
Codeine	2.580	16902	138.79	110.7	21191.83	70552	10.3151 ng/ml
Cyclobenzaprine	5.625	109654	196367.34	8.2	165.48	444506	9.5365 ng/ml
Dextromethorphan	5.269	87696	225.31	85.4	1229.36	378753	9.5900 ng/ml
Dextrorphan	4.118	61456	301.49	210.0	1941.19	699455	9.6915 ng/ml
Diazepam	5.938	75319	104.19	94.2	385.14	276675	9.8765 ng/ml
Dihydrocodeine	2.552	48270	673.59	58.2	23658.51	275996	10.5989 ng/ml
Diphenhydramine	5.297	499395	6521.58	30.9	67.54	2154947	9.7443 ng/ml
DMT	2.845	16297	335.03	95.1	850.84	378753	9.8289 ng/ml
Doxylamine	4.538	383961	2901.06	100.2	432.45	1596955	9.7736 ng/ml
Duloxetine	5.651	8168	398.73	13.8	104.94	38699	9.8509 ng/ml
EDDP	5.262	157686	5447.65	44.1	243.30	782098	9.9438 ng/ml
Etizolam	5.804	44249	596.69	26.1	1481.10	148789	9.4638 ng/ml
Fentanyl	5.101	11812	20.70	75.6	21353.61	612206	0.9709 ng/ml
Flualprazolam	5.695	41957	2383.17	97.5	16310.47	259084	10.8018 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	33481	186.95	38.4	1203.30	5003	1.0090 ng/ml
Fluoxetine	5.711	83292	313.52	8.5	3142.26	300480	9.9511 ng/ml
Hydrocodone	3.019	74731	83.00	32.6	112.05	366904	10.2158 ng/ml
Hydromorphone	1.609	59374	317944.16	70.7	291650.20	161164	9.9677 ng/ml
Hydroxyzine	5.701	158802	2893.14	71.2	1493.85	378753	9.4738 ng/ml
Ketamine	4.043	147990	16774.01	40.2	160.08	465513	10.4069 ng/ml
Lamotrigine	4.274	10967	844.39	89.3	14189.30	1531674	9.8102 ng/ml
Lorazepam	5.737	89639	646.90	50.6	116.72	634993	10.3347 ng/ml
MDA	3.191	218883	684.41	30.0	761.05	558406	10.1944 ng/ml
MDMA	3.285	123038	2721.13	87.6	310.33	146941	10.0360 ng/ml
Meprobamate	4.895	76551	473.98	25.2	272.19	330262	10.3841 ng/ml
Methadone	5.656	295942	3962.62	41.7	∞	1015495	9.6176 ng/ml
Methamphetamine	3.212	253358	914.75	39.0	1964.74	903489	10.3898 ng/ml
Metoprolol	4.320	35602	8158.31	92.3	838.74	1234240	10.0182 ng/ml
Mirtazapine	4.627	243956	2562.28	46.0	1361.64	656232	9.6920 ng/ml
Mitragynine	5.230	53046	881.10	35.3	24387.18	1015495	9.9567 ng/ml
Morphine	1.253	10285	1844.06	38.2	235.05	27517	9.9950 ng/ml
Norbuprenorphine	4.997	571	481.32	87.6	866.29	19256	0.9516 ng/ml
Nordiazepam	5.877	61635	2013.90	63.0	505.45	183679	9.8196 ng/ml
Norfentanyl	4.078	28228	636.36	33.5	138.63	1070791	0.9678 ng/ml
Norhydrocodone	3.060	10264	90.89	42.2	84.37	117082	9.6013 ng/ml
Noroxycodone	2.904	66070	437.06	49.0	801.15	224685	9.9109 ng/ml
O-desmethyl-tramadol	3.366	269189	12341.86	6.2	337.87	1617719	9.7876 ng/ml
o-desmethylvenlafaxine	4.063	413951	45572.93	20.4	841.15	344993	9.6831 ng/ml
Olanzapine	4.461	6021	60.09	49.7	61.84	15983	9.3384 ng/ml
Oxazepam	5.740	118053	233.16	74.7	99.84	634993	10.1372 ng/ml
Oxycodone	2.828	126709	968.57	28.5	727.11	476409	10.3180 ng/ml
Oxymorphone	1.405	62113	517.43	45.4	851.09	198441	10.0529 ng/ml
Phentermine	3.767	66548	146.19	5.9	18.19	728882	10.1194 ng/ml
Promethazine	5.541	204626	4537.39	28.8	867.30	811421	10.1173 ng/ml
Pseudoephedrine	2.576	389466	4159.75	16.9	219.07	1531674	9.8423 ng/ml
Quetiapine	5.551	219073	317.16	55.6	79775.51	274150	10.4623 ng/ml
Sertraline	5.773	25069	198.58	101.6	745.27	102086	9.9692 ng/ml
Temazepam	5.807	192712	4093.34	30.6	118.66	999279	10.0154 ng/ml
Tramadol	4.239	272154	353.13	3.6	99.78	1234240	10.2900 ng/ml
Trazodone	5.141	210691	367337.68	61.4	8224.61	738268	9.9963 ng/ml
Venlafaxine	5.043	254011	10714.38	38.7	403.14	1469216	9.5268 ng/ml
Zolpidem	4.905	311403	753143.22	30.5	362.43	1359074	10.5856 ng/ml



AM #28 Multi-Drug Quant. Results

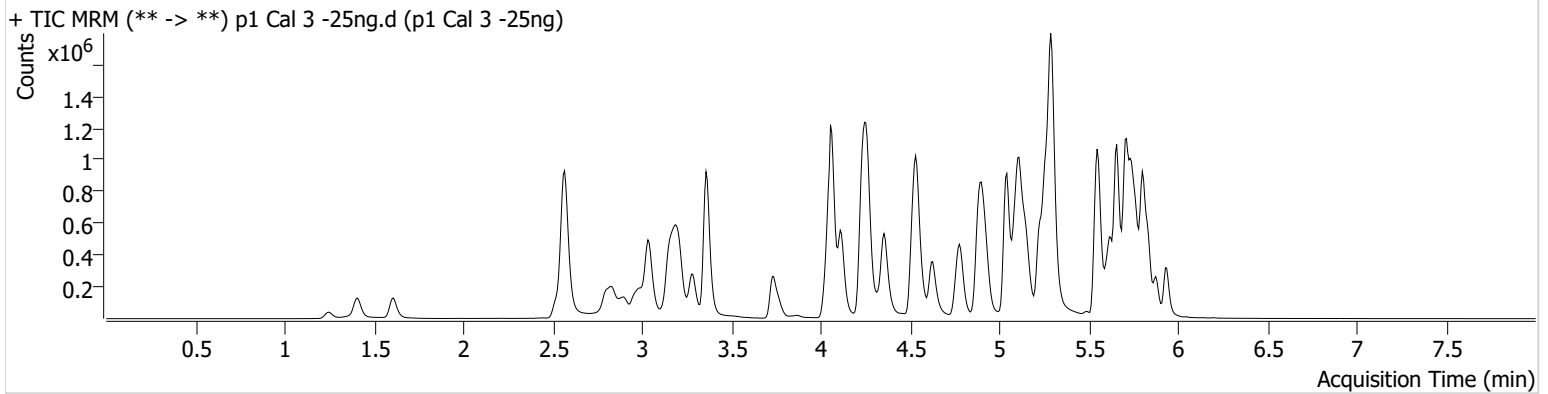
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Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-F12
Injection Volume 2
Acq. Date-Time 7/22/2023 2:21:38 AM
Sample Info.

Data File p1 Cal 3 -25ng.d
Sample p1 Cal 3 -25ng
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	8008	531.17	70.0	496.90	82286	2.4526 ng/ml
7-aminoclonazepam	4.251	104120	2771.77	79.3	37384.87	174960	27.0706 ng/ml
a-hydroxyalprazolam	5.689	68783	895.20	67.8	221.27	952982	27.2329 ng/ml
alpha-PHP	4.935	129276	2652.42	257.8	1060.31	679533	26.3818 ng/ml
alpha-PVP	4.363	452866	11757.30	50.8	3964.79	679533	23.8531 ng/ml
Alprazolam	5.766	246577	560.21	120.6	788.02	257600	24.1517 ng/ml
Amphetamine	3.037	764405	10897.62	47.4	1900.48	357565	27.5548 ng/ml
Benzoylcegonine	3.871	12791	697.32	8.3	84.26	17170	24.2023 ng/ml
Buprenorphine	5.810	12112	1170.70	14.9	363.79	135867	2.6005 ng/ml
Bupropion	4.785	508198	292.43	65.3	939.44	619782	24.9975 ng/ml
Carisoprodol	5.714	265499	562.61	49.4	566.12	464448	22.8469 ng/ml
Chlordiazepoxide	5.835	69860	3156.86	203.1	1051.30	537038	27.0635 ng/ml
Chlorpheniramine	5.118	735895	5551.34	0.3	43.63	1267834	24.2722 ng/ml
Citalopram	5.225	447437	427.48	41.7	5090.71	643101	24.7175 ng/ml
Clonazepam	5.601	284399	3297.91	34.7	122.42	147706	25.9738 ng/ml
Clonazepam	5.545	140235	5216.77	36.0	121.08	147706	26.7322 ng/ml
Cocaine	4.264	342065	11317.41	51.0	350.65	1126718	23.6303 ng/ml
Codeine	2.580	41820	2470.44	108.1	174.09	69022	27.8886 ng/ml
Cyclobenzaprine	5.625	310146	177819.44	8.3	358.09	482034	24.2957 ng/ml
Dextromethorphan	5.269	229295	1046.47	80.6	4360.08	383446	24.5611 ng/ml
Dextrorphan	4.118	154791	220342.84	216.7	777.24	707294	23.3803 ng/ml
Diazepam	5.938	190119	474.70	96.7	616.15	279883	24.8597 ng/ml
Dihydrocodeine	2.552	117232	504.96	57.4	2264.13	279071	27.2927 ng/ml
Diphenhydramine	5.297	1258715	32017.40	30.6	14781.69	2170494	23.4532 ng/ml
DMT	2.845	40109	494.71	101.5	565.97	383446	23.0446 ng/ml
Doxylamine	4.538	983921	5717.42	101.8	53913.35	1594830	24.9064 ng/ml
Duloxetine	5.651	23626	465.91	14.8	417.88	42996	25.1830 ng/ml
EDDP	5.262	431245	14407.35	43.3	243.28	850603	24.4914 ng/ml
Etizolam	5.804	112265	114880.74	25.3	1019.47	147706	23.7843 ng/ml
Fentanyl	5.101	33516	161.07	73.5	72250.36	641951	2.7189 ng/ml
Flualprazolam	5.695	95311	2119.62	101.6	34105.28	257600	26.0115 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	89708	2830.46	39.3	2434.40	5726	2.3101 ng/ml
Fluoxetine	5.711	226887	156641.75	8.4	67797.02	344694	22.9912 ng/ml
Hydrocodone	3.013	182169	123.77	32.6	102.79	361953	26.9950 ng/ml
Hydromorphone	1.615	149234	651462.25	70.8	2266.03	159794	25.3838 ng/ml
Hydroxyzine	5.708	422373	8090.99	71.1	1555.14	383446	24.0486 ng/ml
Ketamine	4.043	362995	917.73	39.5	562.51	456464	27.6602 ng/ml
Lamotrigine	4.274	28164	509.83	83.7	562.38	1517679	26.5307 ng/ml
Lorazepam	5.737	211664	2659.15	53.3	437.71	613011	26.7459 ng/ml
MDA	3.191	523373	1464.73	30.5	456.81	543752	26.7251 ng/ml
MDMA	3.285	303684	9500.95	91.8	3473.04	149304	24.8555 ng/ml
Meprobamate	4.901	179539	9743.08	25.9	217.57	323375	26.1576 ng/ml
Methadone	5.656	792274	68115.48	42.2	1172.46	1040316	24.3185 ng/ml
Methamphetamine	3.212	607551	1528.92	39.1	819.57	910735	26.7046 ng/ml
Metoprolol	4.320	93380	278283.71	87.0	830.64	1254819	26.6652 ng/ml
Mirtazapine	4.627	622373	1503.45	44.8	44185.81	679533	23.2232 ng/ml
Mitragynine	5.236	140381	239905.72	37.9	61223.52	1040316	25.9277 ng/ml
Morphine	1.253	25558	1840.70	39.2	164.42	27687	25.3470 ng/ml
Norbuprenorphine	4.997	1295	2203.20	105.9	362.93	19111	2.5509 ng/ml
Nordiazepam	5.884	156829	8085.31	65.1	958.99	182459	25.2529 ng/ml
Norfentanyl	4.078	73350	959.45	32.9	438.28	1058040	2.4021 ng/ml
Norhydrocodone	3.060	24283	233.79	40.3	73.91	109118	22.5356 ng/ml
Noroxycodone	2.904	163764	1724.67	48.5	1286.91	221859	25.0487 ng/ml
O-desmethyl-tramadol	3.366	674882	860.04	6.3	418.99	1610965	23.9462 ng/ml
o-desmethylvenlafaxine	4.063	1038331	29739.18	20.7	1570.59	342995	23.5161 ng/ml
Olanzapine	4.461	22302	60.51	51.4	332.87	22517	22.8331 ng/ml
Oxazepam	5.747	287567	564.19	70.4	1338.72	613011	25.4661 ng/ml
Oxycodone	2.828	322687	828.35	29.2	604.93	488359	26.7122 ng/ml
Oxymorphone	1.405	158548	846.94	45.9	926.83	202772	25.2725 ng/ml
Phentermine	3.767	168015	1856.55	6.0	150.71	716193	27.3682 ng/ml
Promethazine	5.548	548404	899.74	28.3	17228.69	896680	23.8061 ng/ml
Pseudoephedrine	2.576	950557	16389.66	16.8	8983.93	1517679	23.5175 ng/ml
Quetiapine	5.551	539279	199970.22	57.2	15232.78	279047	26.7316 ng/ml
Sertraline	5.773	73056	113724.23	98.8	335.95	114283	25.5457 ng/ml
Temazepam	5.807	480850	5681.30	29.0	302.42	952982	25.9936 ng/ml
Tramadol	4.239	675647	185.12	3.7	105.71	1254819	25.8247 ng/ml
Trazodone	5.141	551239	34288.91	62.4	297297.19	764494	26.6140 ng/ml
Venlafaxine	5.043	648331	25212.53	39.5	526.65	1439179	24.0935 ng/ml
Zolpidem	4.905	767899	5132.68	29.9	1507.43	1416530	25.9137 ng/ml



AM #28 Multi-Drug Quant. Results

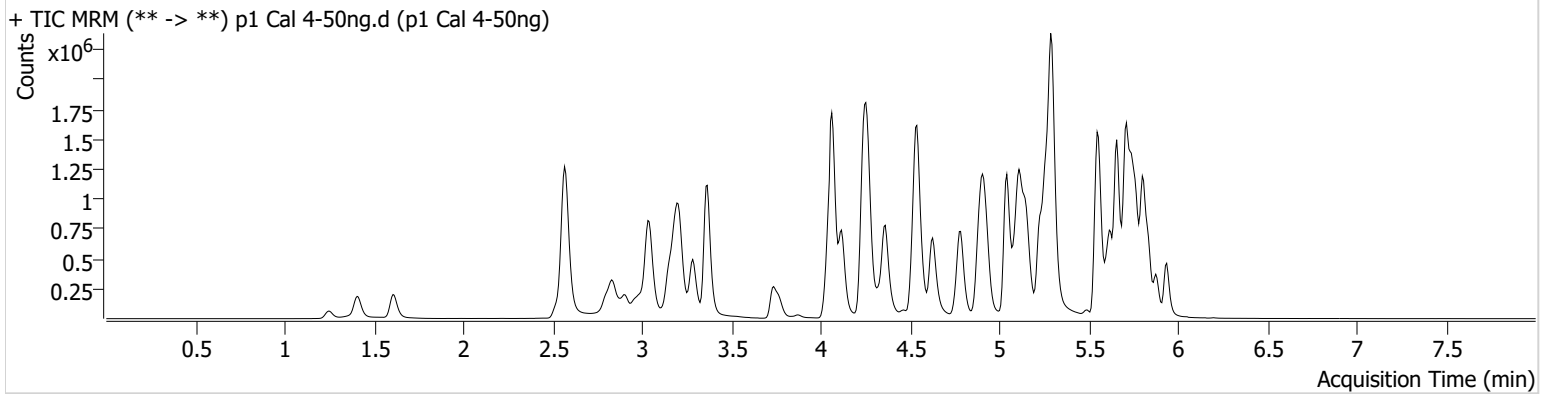
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Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-E12
Injection Volume 2
Acq. Date-Time 7/22/2023 2:32:15 AM
Sample Info.

Data File p1 Cal 4-50ng.d
Sample p1 Cal 4-50ng
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	15237	106204.95	73.8	13800.60	80343	4.7694 ng/ml
7-aminoclonazepam	4.258	195415	3720.79	83.5	2187.64	169157	53.4253 ng/ml
a-hydroxyalprazolam	5.689	116231	302.68	71.0	1989.39	886136	49.9275 ng/ml
alpha-PHP	4.935	235775	1528.12	260.6	9471.01	639039	51.6261 ng/ml
alpha-PVP	4.363	881457	834.51	50.3	666.99	639039	49.0818 ng/ml
Alprazolam	5.766	483402	873.80	112.3	1626.49	243046	50.0206 ng/ml
Amphetamine	3.043	1401536	912.41	47.2	3998.68	346028	53.3916 ng/ml
Benzoylcegonine	3.871	24641	113473.67	8.2	214.46	17254	46.8521 ng/ml
Buprenorphine	5.810	21145	14639.78	16.0	4606.76	125359	4.9942 ng/ml
Bupropion	4.785	983580	55697.27	64.1	6275.30	589046	51.1191 ng/ml
Carisoprodol	5.721	488023	540.92	47.6	2411.49	408736	46.5855 ng/ml
Chlordiazepoxide	5.841	126028	3988.63	215.7	3071.83	504351	53.8212 ng/ml
Chlorpheniramine	5.118	1409833	3877.84	0.3	173.69	1219984	47.7918 ng/ml
Citalopram	5.225	812245	1414.40	42.6	772.90	586224	48.9259 ng/ml
Clonazepam	5.608	527379	1295.15	35.6	394.12	137174	52.5045 ng/ml
Clonazolam	5.545	257364	270600.98	36.1	130591.27	137174	53.6896 ng/ml
Cocaine	4.264	661691	487.52	51.8	7086.61	1047299	49.1076 ng/ml
Codeine	2.580	76829	2136.48	107.6	316.43	66252	54.4535 ng/ml
Cyclobenzaprine	5.625	579668	587.33	8.7	171.97	437052	49.7015 ng/ml
Dextromethorphan	5.269	426610	440.85	80.0	15509.67	354723	49.2649 ng/ml
Dextrorphan	4.118	302530	58880.33	203.3	20228.80	661918	48.2735 ng/ml
Diazepam	5.938	362210	909.50	90.9	498.12	256385	51.8582 ng/ml
Dihydrocodeine	2.552	221526	139.94	57.9	311.79	270960	54.3554 ng/ml
Diphenhydramine	5.297	2346583	29628.43	30.6	211.40	2023285	46.2845 ng/ml
DMT	2.845	78733	627.93	97.2	844.74	354723	48.2333 ng/ml
Doxylamine	4.538	1926224	504086.34	100.2	43845.81	1550757	50.0334 ng/ml
Duloxetine	5.651	42945	5201.54	14.8	280.69	38711	50.5506 ng/ml
EDDP	5.262	759774	640.26	44.3	10881.71	768941	47.4103 ng/ml
Etizolam	5.804	207219	222852.46	24.6	75204.09	137174	47.0160 ng/ml
Fentanyl	5.101	63047	10277.61	72.5	29094.58	602874	5.5002 ng/ml
Flualprazolam	5.695	176679	4008.25	99.3	4400.13	243046	52.1060 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	161848	7157.54	41.0	6126.62	5038	4.6957 ng/ml
Fluoxetine	5.711	390812	6164.25	8.9	5392.64	290369	46.5261 ng/ml
Hydrocodone	3.013	344414	108.41	32.4	281.69	351028	53.7568 ng/ml
Hydromorphone	1.615	285733	2750.89	71.2	2837.61	157550	49.3642 ng/ml
Hydroxyzine	5.708	751718	6631.88	71.7	445251.44	354723	45.7886 ng/ml
Ketamine	4.043	692730	11258.28	39.2	∞	452380	54.2660 ng/ml
Lamotrigine	4.281	52739	3273.19	86.8	30283.51	1434908	53.2278 ng/ml
Lorazepam	5.737	354955	15718.64	51.5	588.74	529886	52.8423 ng/ml
MDA	3.191	974665	7030.83	27.6	1115.87	513216	53.8622 ng/ml
MDMA	3.285	593488	3343.93	90.0	4146.12	145643	50.1306 ng/ml
Meprobamate	4.901	326607	23085.82	25.5	2234.26	309167	50.6019 ng/ml
Methadone	5.656	1413320	2134.01	42.1	17565.42	960398	46.5202 ng/ml
Methamphetamine	3.212	1156962	2102.96	39.2	777.71	900493	52.7672 ng/ml
Metoprolol	4.327	176514	108458.47	90.5	3858.72	1201568	53.1432 ng/ml
Mirtazapine	4.627	1198780	27738.93	44.3	676.77	639039	47.0968 ng/ml
Mitragynine	5.236	252069	313392.38	36.8	174692.64	960398	50.5536 ng/ml
Morphine	1.253	48629	8655.20	39.6	389.64	27141	49.6233 ng/ml
Norbuprenorphine	4.997	2358	15.04	105.0	50.91	19025	4.9072 ng/ml
Nordiazepam	5.884	290379	753.53	61.5	475.40	172014	49.6584 ng/ml
Norfentanyl	4.078	132103	486.25	33.5	1999.94	969958	4.6344 ng/ml
Norhydrocodone	3.067	44858	168.83	40.2	171.06	98482	44.8752 ng/ml
Noroxycodone	2.904	297722	294.93	49.6	1052.86	208158	48.6416 ng/ml
O-desmethyl-tramadol	3.366	1293866	1673.03	6.3	5615.33	1534219	47.7416 ng/ml
o-desmethylvenlafaxine	4.069	2010226	93811.54	20.0	2848.08	328972	46.8572 ng/ml
Olanzapine	4.461	86251	809.23	53.3	584.22	41754	46.4752 ng/ml
Oxazepam	5.747	489142	3434.80	74.6	214.53	529886	50.0408 ng/ml
Oxycodone	2.828	610055	666.53	28.9	3437.91	470689	53.0951 ng/ml
Oxymorphone	1.411	297033	523.63	47.3	∞	198342	48.5018 ng/ml
Phentermine	3.774	315866	1024.80	5.8	152.32	693242	53.9757 ng/ml
Promethazine	5.548	1006214	1251.04	28.6	14247.02	815430	47.5102 ng/ml
Pseudoephedrine	2.576	1812127	6782.90	16.6	463.86	1434908	46.9154 ng/ml
Quetiapine	5.558	999469	23120.42	57.1	15582.20	268271	52.4676 ng/ml
Sertraline	5.773	128560	1145.89	100.3	361.09	106984	47.7982 ng/ml
Temazepam	5.807	851506	12664.60	29.8	1095.74	886136	49.3847 ng/ml
Tramadol	4.246	1299728	123.90	3.6	183.16	1201568	52.3683 ng/ml
Trazodone	5.148	1020951	1910.63	62.5	33296.59	727944	52.6072 ng/ml
Venlafaxine	5.042	1238739	2794.84	40.3	6267.23	1353032	48.4962 ng/ml
Zolpidem	4.912	1448527	652659.51	29.8	25569.20	1328913	52.7482 ng/ml



AM #28 Multi-Drug Quant. Results

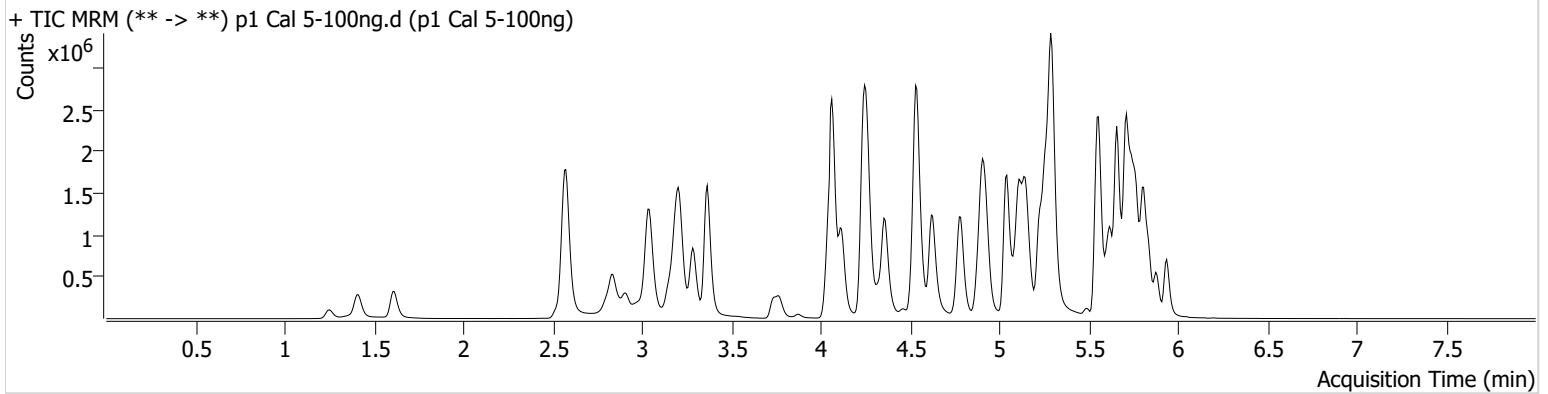
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Calibration Last Update 8/2/2023 3:13:22 PM

Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-D12
Injection Volume 2
Acq. Date-Time 7/22/2023 2:42:51 AM
Sample Info.

Data File p1 Cal 5-100ng.d
Sample p1 Cal 5-100ng
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	30640	946.22	70.7	25517.06	75616	10.1783 ng/ml
7-aminoclonazepam	4.251	330592	1836.90	80.9	201.76	143526	107.4466 ng/ml
a-hydroxyalprazolam	5.689	190646	311.48	69.5	224.61	716146	101.8824 ng/ml
alpha-PHP	4.928	420460	3248.02	270.9	8524.12	568039	104.0674 ng/ml
alpha-PVP	4.363	1599948	42362.22	52.0	14414.39	568039	99.9444 ng/ml
Alprazolam	5.766	846308	958.64	117.3	2428.67	207549	102.3915 ng/ml
Amphetamine	3.043	2326537	856.38	48.8	718.60	312222	99.3388 ng/ml
Benzoylcegonine	3.871	49246	3291.60	8.2	158.45	15515	104.7409 ng/ml
Buprenorphine	5.810	40370	15611.77	14.9	6011.63	115852	10.4060 ng/ml
Bupropion	4.785	1827723	108870.17	65.2	63044.05	546152	102.6588 ng/ml
Carisoprodol	5.721	758845	3020.83	48.1	400.43	293734	99.5853 ng/ml
Chlordiazepoxide	5.841	223230	5525.57	219.2	1626.42	461473	106.0545 ng/ml
Chlorpheniramine	5.111	2602710	9574.15	0.3	245.76	1096600	97.5894 ng/ml
Citalopram	5.225	1471391	26321.54	40.9	16012.48	513630	100.8354 ng/ml
Clonazepam	5.608	920163	58374.56	34.6	397015.28	120537	104.8878 ng/ml
Clonazolam	5.552	420906	553082.29	37.1	252507.48	120537	100.6873 ng/ml
Cocaine	4.264	1187282	1439.34	52.5	19033.34	909333	101.4150 ng/ml
Codeine	2.580	131296	621.40	107.8	549.85	58944	105.6805 ng/ml
Cyclobenzaprine	5.625	1039093	496.10	8.8	125.48	392492	98.8506 ng/ml
Dextromethorphan	5.269	767415	20460.36	79.7	35245.77	308324	101.8179 ng/ml
Dextrorphan	4.118	555792	1870629.01	208.6	51706.11	586515	99.5402 ng/ml
Diazepam	5.938	640965	834.15	92.7	2562.14	232992	101.1180 ng/ml
Dihydrocodeine	2.552	410017	221.34	56.3	93.56	259259	106.3687 ng/ml
Diphenhydramine	5.297	4358423	418111.98	29.7	8721.20	1721871	100.2821 ng/ml
DMT	2.845	139229	765.53	104.4	10636.30	308324	97.5171 ng/ml
Doxylamine	4.538	3652603	95202.40	101.1	249440.40	1460366	100.6367 ng/ml
Duloxetine	5.651	75020	987.84	14.3	164.44	33543	101.6184 ng/ml
EDDP	5.262	1435989	2447.95	42.9	690.95	689958	99.4892 ng/ml
Etizolam	5.804	385908	13613.13	24.9	943.70	120537	99.3539 ng/ml
Fentanyl	5.101	116102	252.93	72.4	93374.99	563368	10.8911 ng/ml
Flualprazolam	5.695	289748	10344.87	100.8	36552.71	207549	101.0217 ng/ml

AM #28 Multi-Drug Quant. Results



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	298255	425.58	41.4	3794.37	4502	9.6429 ng/ml
Fluoxetine	5.711	629208	2055.13	8.9	54937.36	225274	96.0527 ng/ml
Hydrocodone	3.013	621227	405.84	32.5	157.15	319328	107.7581 ng/ml
Hydromorphone	1.615	533113	2692527.36	69.5	28349.67	143188	101.4204 ng/ml
Hydroxyzine	5.708	1421856	36857.68	69.6	215480.72	308324	99.0337 ng/ml
Ketamine	4.043	1247002	18520.38	39.5	1367.72	404029	110.4769 ng/ml
Lamotrigine	4.274	90120	2205.80	86.4	1628.27	1245077	105.4963 ng/ml
Lorazepam	5.737	529602	4064.88	53.7	775.17	424758	99.2297 ng/ml
MDA	3.191	1603434	1029.48	29.4	4016.85	452441	101.5190 ng/ml
MDMA	3.285	1079225	7618.25	91.3	5200.97	129631	102.7677 ng/ml
Meprobamate	4.895	527306	13379.04	25.6	17954.82	273998	92.9389 ng/ml
Methadone	5.656	2662652	30329.53	41.9	53185.11	836760	100.0055 ng/ml
Methamphetamine	3.212	2107067	1138.13	38.5	23524.14	822451	106.6521 ng/ml
Metoprolol	4.320	316306	394869.23	91.3	4346.40	1133331	101.4311 ng/ml
Mirtazapine	4.627	2260878	104212.90	44.0	37943.50	568039	99.4241 ng/ml
Mitragynine	5.230	472966	8468.17	36.9	110807.17	836760	109.0219 ng/ml
Morphine	1.253	93498	1749.90	38.6	335.23	24979	104.1579 ng/ml
Norbuprenorphine	4.997	4743	5512.61	102.4	6941.75	19270	10.0329 ng/ml
Nordiazepam	5.884	527118	927.16	60.4	3739.08	146256	106.0926 ng/ml
Norfentanyl	4.078	239608	512.54	33.8	869.70	812070	9.9377 ng/ml
Norhydrocodone	3.067	80772	274.72	39.4	38.59	83169	94.3270 ng/ml
Noroxycodone	2.911	532718	1263.88	49.0	1296.61	184517	98.3011 ng/ml
O-desmethyl-tramadol	3.366	2483618	162526.23	6.3	1263.52	1430650	97.7908 ng/ml
o-desmethylvenlafaxine	4.063	3631410	87228.36	20.6	4487.88	291352	94.9518 ng/ml
Olanzapine	4.461	145462	1268.31	53.0	203.97	33653	96.0940 ng/ml
Oxazepam	5.747	808073	4717.30	69.4	452.80	424758	103.0506 ng/ml
Oxycodone	2.828	1130432	1311.80	28.9	2613.86	440492	105.8418 ng/ml
Oxymorphone	1.411	560140	∞	45.0	∞	177202	102.4943 ng/ml
Phentermine	3.774	548918	891.01	6.0	321.52	623563	105.0930 ng/ml
Promethazine	5.548	1886039	1216.65	27.8	5045.94	732856	98.5304 ng/ml
Pseudoephedrine	2.576	3269306	10177.21	16.4	46898.38	1245077	97.0108 ng/ml
Quetiapine	5.558	1760973	98105.55	58.5	237.38	238702	104.8818 ng/ml
Sertraline	5.773	219409	476.67	97.6	988.06	90192	96.5037 ng/ml
Temazepam	5.807	1429684	35552.04	29.5	456.56	716146	102.4586 ng/ml
Tramadol	4.239	2379597	407.65	3.7	276.82	1133331	102.1063 ng/ml
Trazodone	5.141	1909491	434.42	63.8	1803.03	671454	107.5831 ng/ml
Venlafaxine	5.042	2318930	36632.29	39.3	697.44	1243322	98.3247 ng/ml
Zolpidem	4.905	2682345	2200.93	30.3	3545.02	1203761	108.4976 ng/ml



AM #28 Multi-Drug Quant. Results

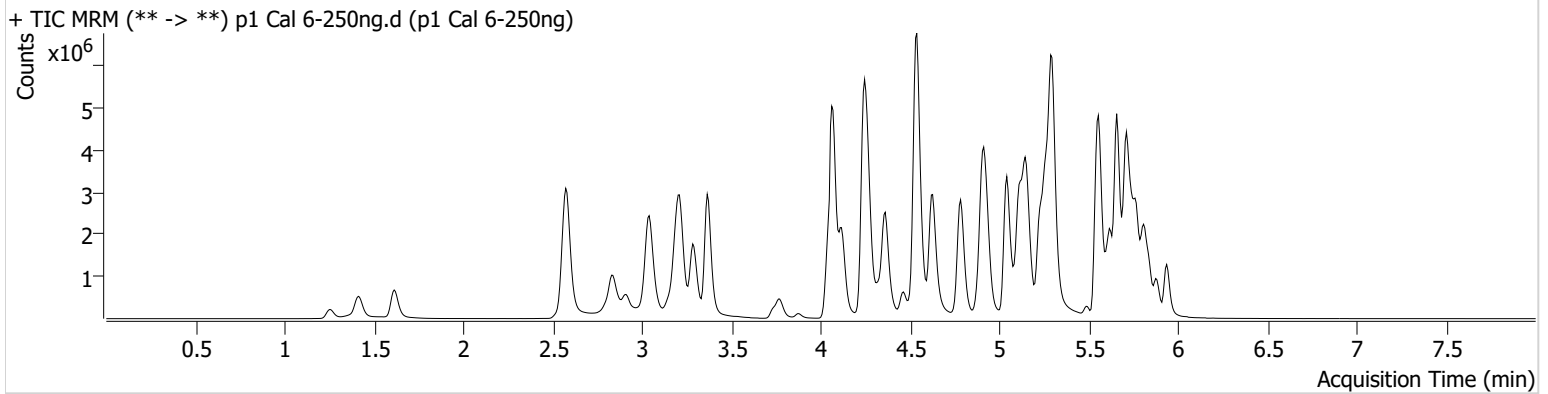
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-C12
Injection Volume 2
Acq. Date-Time 7/22/2023 2:53:29 AM
Sample Info.

Data File p1 Cal 6-250ng.d
Sample p1 Cal 6-250ng
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	74368	51404.02	71.7	1022.73	72856	25.6242 ng/ml
7-aminoclonazepam	4.258	618272	∞	75.3	34263.02	119599	242.3043 ng/ml
a-hydroxyalprazolam	5.682	298782	378.21	68.7	229.08	490301	233.9085 ng/ml
alpha-PHP	4.935	1014000	44113.83	258.8	69478.30	552124	258.9359 ng/ml
alpha-PVP	4.363	3876044	8690.87	51.6	63169.87	552124	248.7039 ng/ml
Alprazolam	5.766	1697305	914.34	115.4	878.85	170704	249.4552 ng/ml
Amphetamine	3.043	4715561	33974.01	45.4	5440.45	307541	205.8121 ng/ml
Benzoylcegonine	3.877	120810	6319.53	8.2	381.25	15991	249.9963 ng/ml
Buprenorphine	5.817	94712	95245.78	14.2	8263.44	112241	25.3164 ng/ml
Bupropion	4.785	4552541	702.22	64.2	43269.05	553191	252.7530 ng/ml
Carisoprodol	5.721	1173541	59138.51	48.4	187.53	175361	256.3088 ng/ml
Chlordiazepoxide	5.841	442317	11083.33	228.7	4414.38	381424	257.0264 ng/ml
Chlorpheniramine	5.118	6643314	243165.63	0.3	379.08	1071236	254.1233 ng/ml
Citalopram	5.225	3366649	68569.10	40.9	57832.32	465500	254.1156 ng/ml
Clonazepam	5.601	1721224	39235.80	35.0	156800.25	97878	242.4580 ng/ml
Clonazolam	5.552	703804	785144.30	36.7	242476.87	97878	208.2725 ng/ml
Cocaine	4.264	2683996	827.77	51.9	1189.88	837989	248.6863 ng/ml
Codeine	2.586	244313	5780.25	107.2	3154.72	50508	230.8696 ng/ml
Cyclobenzaprine	5.625	2446493	1286.08	8.3	119.36	368498	247.3518 ng/ml
Dextromethorphan	5.269	1647104	245804.66	79.6	13472.43	271067	248.3798 ng/ml
Dextrorphan	4.118	1310445	802.13	214.0	1004.20	549478	249.7424 ng/ml
Diazepam	5.938	1361947	2096.21	89.7	690.36	195342	256.4926 ng/ml
Dihydrocodeine	2.552	868801	47147.50	58.6	12710.53	248714	236.5273 ng/ml
Diphenhydramine	5.297	9820232	194934.00	29.7	62914.07	1518486	255.2519 ng/ml
DMT	2.845	313832	9925.68	112.2	19022.94	271067	249.0943 ng/ml
Doxylamine	4.538	9514301	200191.60	99.0	177892.67	1484921	257.6318 ng/ml
Duloxetine	5.651	144617	3932.35	14.2	15861.92	25990	252.3942 ng/ml
EDDP	5.262	3203997	73958.57	42.6	24590.26	614192	248.8544 ng/ml
Etizolam	5.804	768760	1644.41	25.1	498797.41	97878	243.3633 ng/ml
Fentanyl	5.101	265978	28867.46	72.4	611440.62	545937	25.8205 ng/ml
Flualprazolam	5.695	514657	10891.56	104.3	7984.01	170704	219.3691 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.156	749282	23824.13	41.7	13946.69	4178	26.0344 ng/ml
Fluoxetine	5.711	1230484	440.51	8.3	5024.86	163886	257.4174 ng/ml
Hydrocodone	3.019	1377605	21768.34	33.9	2907.54	311750	246.2821 ng/ml
Hydromorphone	1.615	1237520	4163.51	71.4	6732.88	137057	246.0653 ng/ml
Hydroxyzine	5.708	3197869	18377.00	72.2	70996.44	271067	252.5433 ng/ml
Ketamine	4.043	2715878	188472.11	39.4	582.80	393111	248.6354 ng/ml
Lamotrigine	4.281	183196	743.75	83.4	30289.05	1001208	267.7507 ng/ml
Lorazepam	5.737	700827	4899.34	52.8	1008.95	244301	229.6268 ng/ml
MDA	3.191	2753315	2277.56	28.0	6206.99	374200	212.0221 ng/ml
MDMA	3.285	2445335	3811.39	91.3	5546.87	120292	251.4121 ng/ml
Meprobamate	4.901	908751	4115.74	25.5	19679.62	242294	182.0010 ng/ml
Methadone	5.656	6627944	61967.28	41.3	871.95	814966	254.8077 ng/ml
Methamphetamine	3.212	4780478	52677.26	38.1	2860.60	828684	241.9555 ng/ml
Metoprolol	4.327	685519	803617.62	92.1	2885.75	1015850	245.9857 ng/ml
Mirtazapine	4.627	5600872	28694.49	42.8	6243.40	552124	252.7104 ng/ml
Mitragynine	5.236	1059286	2973.46	37.9	440205.15	814966	250.8726 ng/ml
Morphine	1.253	213418	3331.39	39.0	203.98	23562	252.6838 ng/ml
Norbuprenorphine	4.997	11109	112.91	114.9	4104.55	19135	24.0635 ng/ml
Nordiazepam	5.884	1020365	796.02	62.9	619.37	117392	255.9534 ng/ml
Norfentanyl	4.085	500486	17552.57	33.6	14635.73	597744	28.0390 ng/ml
Norhydrocodone	3.067	183029	∞	39.9	111.23	71707	245.9687 ng/ml
Noroxycodone	2.911	1051529	781.39	48.8	1405.65	145927	245.5166 ng/ml
O-desmethyl-tramadol	3.366	5946879	124910.55	6.2	895.02	1316320	253.7580 ng/ml
o-desmethylvenlafaxine	4.076	8366453	124094.76	19.2	6092.71	250318	253.6127 ng/ml
Olanzapine	4.461	1059201	2746.45	53.3	2403.60	90245	259.1185 ng/ml
Oxazepam	5.740	1109567	7842.71	73.2	18866.72	244301	245.9169 ng/ml
Oxycodone	2.828	2489480	2053.14	28.8	864.95	428055	240.7811 ng/ml
Oxymorphone	1.411	1234612	∞	45.2	∞	156190	256.4594 ng/ml
Phentermine	3.774	1183932	2638.17	5.7	1957.49	592690	239.5822 ng/ml
Promethazine	5.541	4708834	118392.38	26.9	727.29	693137	259.2549 ng/ml
Pseudoephedrine	2.583	6919114	67206.99	15.8	47540.79	1001208	254.5118 ng/ml
Quetiapine	5.558	3881174	161951.88	57.3	83661.53	224196	247.4728 ng/ml
Sertraline	5.773	447986	154743.57	96.2	1673.93	67728	261.9608 ng/ml
Temazepam	5.807	2368214	49363.58	28.4	1797.15	490301	247.7105 ng/ml
Tramadol	4.239	5675894	196.64	3.5	493.51	1015850	272.5169 ng/ml
Trazodone	5.141	4457960	99270.52	65.5	183841.52	660888	256.4026 ng/ml
Venlafaxine	5.042	5544825	104581.08	38.8	6332.03	1206099	241.6955 ng/ml
Zolpidem	4.905	6536363	6909.98	28.5	1841.17	1213597	263.1466 ng/ml



AM #28 Multi-Drug Quant. Results

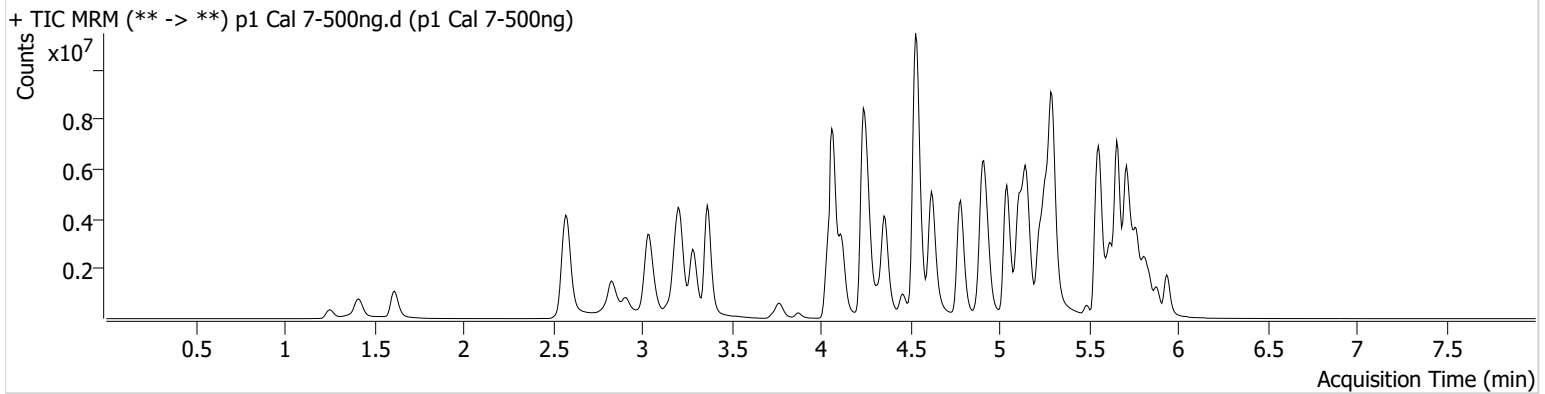
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Instrument Falco (069901)
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Acq. Method AM 28 MDQ P1.m
Sample Position P2-B12
Injection Volume 2
Acq. Date-Time 7/22/2023 3:04:07 AM
Sample Info.

Data File p1 Cal 7-500ng.d
Sample p1 Cal 7-500ng
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



Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
6-MAM	3.133	141198	1963.67	73.0	9013.51	68855	51.4680 ng/ml
7-aminoclonazepam	4.251	658210	500.38	81.9	4232.71	76105	406.0054 ng/ml
a-hydroxyalprazolam	5.682	333358	186.73	70.3	235.14	271394	472.0252 ng/ml
alpha-PHP	4.935	1598221	25545.50	270.4	113086.30	468086	481.8173 ng/ml
alpha-PVP	4.357	6838645	1811.51	49.9	1447.53	468086	517.2855 ng/ml
Alprazolam	5.766	2513321	∞	111.8	∞	123894	508.7936 ng/ml
Amphetamine	3.043	6728594	173994.26	46.3	21668.33	282004	321.0023 ng/ml
Benzoylcegonine	3.871	243106	16134.38	8.3	39037.68	15967	504.3153 ng/ml
Buprenorphine	5.817	153344	345657.71	15.2	20667.77	95638	48.1793 ng/ml
Bupropion	4.785	8094970	199564.12	63.0	39014.68	487383	510.3185 ng/ml
Carisoprodol	5.721	1338997	248.88	50.0	7124.17	98783	518.0859 ng/ml
Chlordiazepoxide	5.842	592645	22606.23	247.2	7069.22	285480	461.6949 ng/ml
Chlorpheniramine	5.111	11806041	29832.00	0.3	486.77	914351	528.5166 ng/ml
Citalopram	5.225	4834053	137102.04	43.6	23397.95	345188	491.7681 ng/ml
Clonazepam	5.601	2237886	63242.81	35.1	791196.77	69251	446.0875 ng/ml
Clonazolam	5.552	807210	748243.62	38.3	238350.00	69251	338.1662 ng/ml
Cocaine	4.264	4385432	659.61	52.3	44877.75	671664	506.8874 ng/ml
Codeine	2.586	364115	3024.17	103.3	18514.78	41922	415.4907 ng/ml
Cyclobenzaprine	5.625	3957850	74645.98	8.2	226.63	285319	516.4229 ng/ml
Dextromethorphan	5.269	2461171	41810.81	76.1	38400.19	195712	513.8990 ng/ml
Dextrorphan	4.118	2194256	244582.44	217.3	108700.66	446325	514.2851 ng/ml
Diazepam	5.938	2078351	514.17	89.5	816.70	152795	500.5408 ng/ml
Dihydrocodeine	2.552	1437725	31254.24	58.8	334.21	241313	404.3433 ng/ml
Diphenhydramine	5.297	15734121	150475.34	29.0	50823.48	1166380	531.7545 ng/ml
DMT	2.845	515268	1330.78	125.4	39675.71	195712	565.6904 ng/ml
Doxylamine	4.531	17236630	160772.45	96.6	125723.88	1300740	532.7115 ng/ml
Duloxetine	5.651	178592	2643.25	14.4	324.87	17333	467.1277 ng/ml
EDDP	5.262	5623314	40718.10	41.3	76574.38	528705	507.0313 ng/ml
Etizolam	5.804	1175496	1667.70	24.6	9250.40	69251	525.6478 ng/ml
Fentanyl	5.094	428080	1309.85	76.2	34104.59	487342	46.5967 ng/ml
Flualprazolam	5.695	632159	5567.96	104.8	35709.54	123894	371.9790 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	1274940	17164.45	41.9	9894.91	3346	55.2754 ng/ml
Fluoxetine	5.718	1570551	78950.83	8.5	266127.68	101282	531.1531 ng/ml
Hydrocodone	3.013	2324567	∞	33.6	1236.59	277331	468.2197 ng/ml
Hydromorphone	1.615	2188614	6873.25	68.8	4989421.15	118751	502.3438 ng/ml
Hydroxyzine	5.708	5185583	3268.64	73.0	10437.11	195712	566.5497 ng/ml
Ketamine	4.043	4378182	118545.29	38.1	10455.98	349063	452.2806 ng/ml
Lamotrigine	4.281	248419	2584.23	86.0	7188.73	766995	474.4846 ng/ml
Lorazepam	5.737	723410	9263.82	50.2	401.82	122497	473.7859 ng/ml
MDA	3.184	3753846	3006.69	27.6	12889.59	307050	353.0565 ng/ml
MDMA	3.285	4122660	102996.49	88.4	12198.77	102694	496.8218 ng/ml
Meprobamate	4.895	1120376	16076.31	25.0	11626.54	202041	269.5301 ng/ml
Methadone	5.656	10917471	∞	40.9	901.84	654321	522.2316 ng/ml
Methamphetamine	3.212	8232032	50279.79	37.0	45965.45	821300	421.4587 ng/ml
Metoprolol	4.320	1075056	209588.41	90.3	6011.34	881189	445.1343 ng/ml
Mirtazapine	4.620	9905302	195054.49	41.7	17060.98	468086	526.6778 ng/ml
Mitragynine	5.236	1625030	3808306.72	36.0	21575.97	654321	479.4664 ng/ml
Morphine	1.253	384497	73350.33	37.0	14414.66	21145	507.7397 ng/ml
Norbuprenorphine	4.997	22451	30617.76	104.4	203.63	18094	51.7657 ng/ml
Nordiazepam	5.884	1450737	1151.20	63.7	16771.93	86574	493.5136 ng/ml
Norfentanyl	4.085	756917	15080.54	33.8	2568.93	387532	65.2902 ng/ml
Norhydrocodone	3.067	332093	239.08	41.1	1415.94	58909	541.8054 ng/ml
Noroxycodone	2.911	1611212	2113.17	48.5	9418.95	106720	514.5257 ng/ml
O-desmethyl-tramadol	3.366	10442375	72118.85	6.1	16366.62	1120013	523.1955 ng/ml
o-desmethylvenlafaxine	4.074	13452442	∞	19.2	2213.10	192204	530.4237 ng/ml
Olanzapine	4.455	1596778	8300.90	54.9	2738.79	64020	549.4639 ng/ml
Oxazepam	5.740	1140943	8853.66	72.2	193.35	122497	504.2337 ng/ml
Oxycodone	2.822	4030703	∞	28.9	4083.49	391888	426.3844 ng/ml
Oxymorphone	1.412	2183883	∞	43.5	∞	141626	500.3981 ng/ml
Phentermine	3.774	1785773	∞	5.7	1503.61	512262	418.7579 ng/ml
Promethazine	5.541	7664979	2299.98	27.8	2382.09	579984	503.8602 ng/ml
Pseudoephedrine	2.583	10689617	26715.46	15.9	59970.19	766995	512.7721 ng/ml
Quetiapine	5.558	5927996	333452.73	57.7	1142.93	202350	419.4868 ng/ml
Sertraline	5.780	603126	2189.55	99.4	32868.99	50048	477.0594 ng/ml
Temazepam	5.814	2618024	17624.95	30.1	547.15	271394	494.5896 ng/ml
Tramadol	4.239	8795010	1511.74	3.4	302.45	881189	487.1869 ng/ml
Trazodone	5.141	7279972	340703.04	67.5	112317.18	579849	477.9971 ng/ml
Venlafaxine	5.043	9910649	1748.80	36.8	4629.39	974990	533.8487 ng/ml
Zolpidem	4.905	11076898	465544.93	27.9	2722.06	1138459	475.8891 ng/ml



AM #28 Multi-Drug Quant. Results

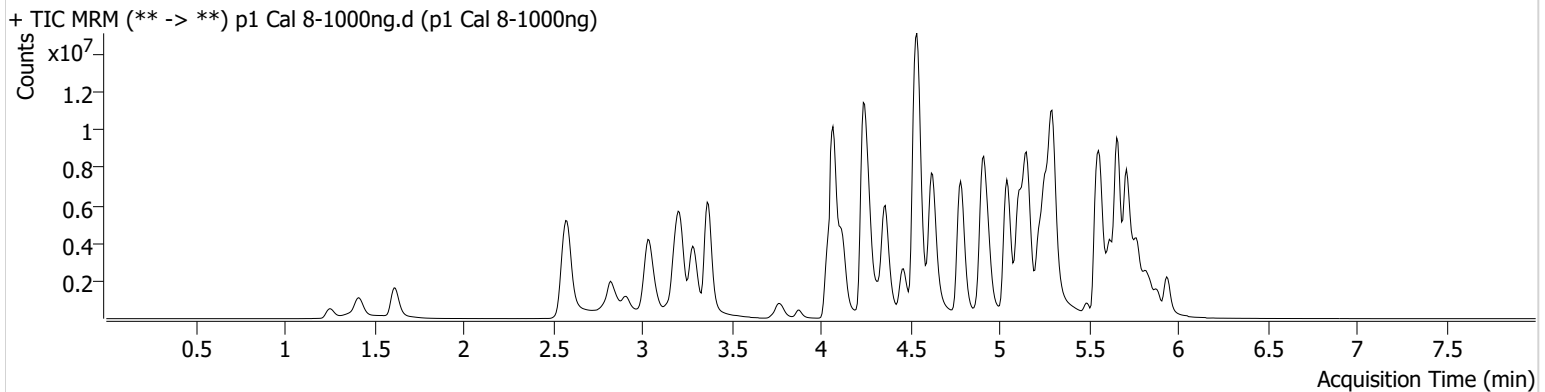
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Instrument Falco (069901)
Type Cal
Acq. Method AM 28 MDQ P1.m
Sample Position P2-A12
Injection Volume 2
Acq. Date-Time 7/22/2023 3:14:44 AM
Sample Info.

Data File p1 Cal 8-1000ng.d
Sample p1 Cal 8-1000ng
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.
6-MAM	3.133	255698	1868.89	70.8	492.84	64034	100.2114 ng/ml
7-aminoclonazepam	4.258	639741	3736.17	84.2	4808.03	45178	665.3413 ng/ml
a-hydroxyalprazolam	5.682	316910	654.60	69.6	188.51	121275	1004.7953 ng/ml
alpha-PHP	4.935	2313770	7667.79	268.7	22471.91	371595	879.0675 ng/ml
alpha-PVP	4.363	10814323	1973.90	49.4	5528.23	371595	1030.1570 ng/ml
Alprazolam	5.766	3116145	∞	113.6	675.40	78703	992.8983 ng/ml
Amphetamine	3.043	8433865	268908.84	47.3	37228.37	256577	442.7296 ng/ml
Benzoylcegonine	3.877	499941	6374.47	8.2	540.47	15983	1036.5807 ng/ml
Buprenorphine	5.817	243873	147456.60	14.5	28156.08	72578	101.0589 ng/ml
Bupropion	4.785	13284381	377970.88	63.1	91130.10	439670	928.5157 ng/ml
Carisoprodol	5.727	1277986	152.50	50.5	21017.83	43926	1110.8055 ng/ml
Chlordiazepoxide	5.841	715850	8362.85	269.1	17596.49	180924	881.7602 ng/ml
Chlorpheniramine	5.111	17835118	238958.21	0.3	403.32	727648	1002.7961 ng/ml
Citalopram	5.225	6506112	∞	38.5	87278.10	220894	1033.9568 ng/ml
Clonazepam	5.601	2413729	34001.58	34.7	1493.04	45373	734.7567 ng/ml
Clonazolam	5.565	751542	234732.44	38.8	262750.89	45373	480.9062 ng/ml
Cocaine	4.264	6362075	533.15	51.5	390.29	471229	1048.0696 ng/ml
Codeine	2.586	509432	265.61	100.3	6042.75	32241	756.8220 ng/ml
Cyclobenzaprine	5.625	5817718	745.98	8.0	336.00	208169	1040.0680 ng/ml
Dextromethorphan	5.269	3003382	74390.96	76.6	47671.88	121577	1009.3872 ng/ml
Dextrorphan	4.118	3427674	253262.83	214.9	142180.15	333126	1075.8060 ng/ml
Diazepam	5.938	2850147	162.96	89.7	415.39	111618	939.7713 ng/ml
Dihydrocodeine	2.545	2168650	626.73	59.6	416.00	223222	660.1620 ng/ml
Diphenhydramine	5.297	20650547	155948.69	30.8	68341.34	779846	1043.2376 ng/ml
DMT	2.845	796250	5776.34	133.8 High	4770.52	121577	1406.3306 ng/ml
Doxylamine	4.538	25729312	142280.24	98.8	312543.39	1133363	912.5396 ng/ml
Duloxetine	5.644	210521	820.87	14.4	2526.23	9243	1032.1794 ng/ml
EDDP	5.262	9660832	108494.74	40.5	37750.95	433740	1061.4260 ng/ml
Etizolam	5.804	1614051	35399.27	24.1	410742.91	45373	1101.3015 ng/ml
Fentanyl	5.094	637189	8324.36	73.8	22773.73	420582	80.4068 ng/ml
Flualprazolam	5.695	706263	17273.68	102.7	6302.30	78703	654.9940 ng/ml



AM #28 Multi-Drug Quant. Results

Name	RT	Resp.	S/N	Ratio	S/N	ISTD Resp.	Final Conc.
Fluorofentanyl	5.162	2114137	33601.76	42.1	15228.51	2364	129.6624 ng/ml
Fluoxetine	5.718	1948395	77842.94	8.8	179488.28	61976	1076.3768 ng/ml
Hydrocodone	3.013	3822339	∞	33.6	607.90	248319	860.8521 ng/ml
Hydromorphone	1.615	3652188	19632902.23	71.1	13511127.93	99747	998.0546 ng/ml
Hydroxyzine	5.708	7433171	197876.66	75.6	361727.69	121577	1306.6385 ng/ml
Ketamine	4.043	6324372	316689.77	37.5	33413.54	279388	817.1298 ng/ml
Lamotrigine	4.287	295291	5745.05	88.7	10023.99	521345	830.2848 ng/ml
Lorazepam	5.737	677173	6963.57	50.2	289.37	53565	1015.3961 ng/ml
MDA	3.178	4480699	6449.50	27.1	12982.28	213989	605.5162 ng/ml
MDMA	3.285	5987232	153300.55	89.5	8015.14	76036	974.8124 ng/ml
Meprobamate	4.888	1164564	83226.81	24.4	2992.61	152866	370.6282 ng/ml
Methadone	5.656	16083314	275374.73	41.9	6361.76	483404	1040.8496 ng/ml
Methamphetamine	3.212	12243013	91979.62	36.8	58281.84	777910	662.5951 ng/ml
Metoprolol	4.327	1431173	1413385.08	90.1	285505.99	769401	678.9576 ng/ml
Mirtazapine	4.627	15935562	7245.18	41.5	20374.11	371595	1066.8762 ng/ml
Mitragynine	5.230	2287312	5010.39	37.3	1137.21	483404	913.6069 ng/ml
Morphine	1.253	596439	30884.23	39.3	∞	17910	930.2333 ng/ml
Norbuprenorphine	4.997	39286	22663.84	107.1	9301.11	16566	99.2015 ng/ml
Nordiazepam	5.884	1783082	13666.05	66.5	366.29	55964	938.3956 ng/ml
Norfentanyl	4.085	949169	36332.82	34.7	623.31	210365	150.7111 ng/ml
Norhydrocodone	3.067	576254	172.79	37.0	933.71	46924	1178.8580 ng/ml
Noroxycodone	2.911	2198889	20360.72	49.4	14155.58	75488	992.8196 ng/ml
O-desmethyl-tramadol	3.366	16473277	∞	6.1	15394.80	883760	1045.5466 ng/ml
o-desmethylvenlafaxine	4.077	19517221	159569.50	19.2	19047.43	135133	1093.9290 ng/ml
Olanzapine	4.461	4689112	13039.57	55.6	5014.46	96484	1069.6419 ng/ml
Oxazepam	5.740	945883	12771.31	73.2	136.35	53565	955.9128 ng/ml
Oxycodone	2.822	5914111	899.34	28.9	16512.74	341160	719.1430 ng/ml
Oxymorphone	1.411	3521417	∞	45.0	1204.79	118354	965.6272 ng/ml
Phentermine	3.774	2690882	11219.62	5.4	756.24	467104	692.5737 ng/ml
Promethazine	5.541	12532108	199519.24	26.7	87178.90	455915	1047.4323 ng/ml
Pseudoephedrine	2.583	15549016	146466.18	15.6	59516.22	521345	1096.7519 ng/ml
Quetiapine	5.558	7761545	276.13	58.9	62158.22	147780	752.8498 ng/ml
Sertraline	5.780	907469	12513.03	94.3	1636.29	34017	1055.7380 ng/ml
Temazepam	5.814	2305867	715.98	31.3	821.96	121275	974.7134 ng/ml
Tramadol	4.239	13120642	68.21	3.7	304.24	769401	832.7403 ng/ml
Trazodone	5.148	10720219	208743.18	70.1	790.28	482107	847.2703 ng/ml
Venlafaxine	5.042	14735055	97332.09	37.3	2760113.48	728729	1061.4943 ng/ml
Zolpidem	4.905	16291751	306516.11	28.2	3054.42	988537	806.5245 ng/ml